

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064826.D
 Acq On : 24 Nov 2020 22:17
 Operator : JC/MD
 Sample : VN1124WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 9:52:00 AM

Quant Time: Nov 25 05:43:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	188041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	299649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	268096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129174	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	107427	49.14	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.28%
35) Dibromofluoromethane	7.55	113	91389	50.97	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.94%
50) Toluene-d8	10.06	98	357838	48.84	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.68%
62) 4-Bromofluorobenzene	12.37	95	126335	48.19	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.38%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	28302	17.366	ug/l	98
3) Chloromethane	2.04	50	35313	16.674	ug/l	98
4) Vinyl Chloride	2.17	62	38612	17.488	ug/l	98
5) Bromomethane	2.53	94	21829	15.069	ug/l	97
6) Chloroethane	2.68	64	23962	17.546	ug/l	95
7) Trichlorofluoromethane	2.99	101	53871	17.650	ug/l	96
8) Diethyl Ether	3.37	74	22212	18.437	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	33088	18.072	ug/l	99
10) Methyl Iodide	3.91	142	28271	11.904	ug/l	97
11) Tert butyl alcohol	4.74	59	27658	81.126	ug/l #	94
12) 1,1-Dichloroethene	3.69	96	32530	17.840	ug/l	99
13) Acrolein	3.56	56	13681	65.697	ug/l	99
14) Allyl chloride	4.27	41	51864	17.245	ug/l	99
15) Acrylonitrile	4.93	53	83221	88.362	ug/l	100
16) Acetone	3.78	43	66089	91.965	ug/l	98
17) Carbon Disulfide	4.01	76	82900	17.611	ug/l	98
18) Methyl Acetate	4.28	43	37325	17.275	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	105382	18.020	ug/l	98
20) Methylene Chloride	4.50	84	39044	17.338	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	34966	17.268	ug/l	98
22) Diisopropyl ether	5.90	45	113206	18.806	ug/l	96
23) Vinyl Acetate	5.84	43	442623	91.949	ug/l	99
24) 1,1-Dichloroethane	5.79	63	67046	18.637	ug/l	100
25) 2-Butanone	6.79	43	104665	89.846	ug/l	95
26) 2,2-Dichloropropane	6.78	77	49585	15.892	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	41777	18.335	ug/l	96
28) Bromochloromethane	7.15	49	31933	19.403	ug/l	98
29) Tetrahydrofuran	7.17	42	69868	86.884	ug/l	99
30) Chloroform	7.33	83	67137	18.096	ug/l	98
31) Cyclohexane	7.61	56	53754	17.642	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	59273	18.602	ug/l	99
36) 1,1-Dichloropropene	7.75	75	49056	17.662	ug/l	100
37) Ethyl Acetate	6.89	43	42064	15.722	ug/l	97
38) Carbon Tetrachloride	7.73	117	50864	17.600	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	52103	17.426	ug/l	100
40) Benzene	8.00	78	150257	17.654	ug/l	99
41) Methacrylonitrile	7.13	41	21560	17.465	ug/l	91
42) 1,2-Dichloroethane	8.09	62	51593	17.969	ug/l	100
43) Isopropyl Acetate	8.13	43	73716	17.123	ug/l	99
44) Trichloroethene	8.80	130	43317	17.249	ug/l	94
45) 1,2-Dichloropropane	9.08	63	39738	18.029	ug/l	95
46) Dibromomethane	9.17	93	26394	17.925	ug/l	97
47) Bromodichloromethane	9.37	83	53032	17.899	ug/l	99
48) Methyl methacrylate	9.16	41	35969	17.485	ug/l	98
49) 1,4-Dioxane	9.17	88	13269	341.280	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	229378	88.750	ug/l	99
52) Toluene	10.12	92	96144	18.343	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	56370	17.082	ug/l	96
54) cis-1,3-Dichloropropene	9.80	75	61764	17.462	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	38362	17.799	ug/l	98
56) Ethyl methacrylate	10.40	69	53175	17.878	ug/l	100
57) 1,3-Dichloropropane	10.68	76	63511	17.863	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	147521	90.168	ug/l	99
59) 2-Hexanone	10.72	43	161347	86.743	ug/l	100
60) Dibromochloromethane	10.87	129	43153	18.012	ug/l	96
61) 1,2-Dibromoethane	10.97	107	37985	17.347	ug/l	97
64) Tetrachloroethene	10.60	164	42697	16.370	ug/l	96
65) Chlorobenzene	11.40	112	103005	17.891	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	39151	18.504	ug/l	100
67) Ethyl Benzene	11.48	91	174123	18.104	ug/l	99
68) m/p-Xylenes	11.59	106	137498	37.759	ug/l	96
69) o-Xylene	11.92	106	64072	18.542	ug/l	99
70) Styrene	11.94	104	110336	18.914	ug/l	98
71) Bromoform	12.10	173	28120	16.640	ug/l #	99
73) Isopropylbenzene	12.22	105	170414	18.967	ug/l	100
74) N-amyl acetate	12.04	43	62870	17.780	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	50193	19.059	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	51966m	18.680	ug/l	
77) Bromobenzene	12.50	156	44586	18.406	ug/l	98
78) n-propylbenzene	12.56	91	190277	18.590	ug/l	99
79) 2-Chlorotoluene	12.65	91	115198	18.207	ug/l	98
80) 1,3,5-Trimethylbenzene	12.70	105	144557	19.356	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	16070	15.833	ug/l	95
82) 4-Chlorotoluene	12.75	91	122375	18.452	ug/l	100
83) tert-Butylbenzene	12.96	119	120968	19.324	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	146444	19.394	ug/l	99
85) sec-Butylbenzene	13.14	105	158877	19.116	ug/l	100
86) p-Isopropyltoluene	13.26	119	145805	19.269	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	79752	18.531	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	77488	17.025	ug/l	98
89) n-Butylbenzene	13.59	91	117372	17.663	ug/l	99
90) Hexachloroethane	13.85	117	24282	18.472	ug/l	96
91) 1,2-Dichlorobenzene	13.62	146	76395	18.078	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9572	16.154	ug/l	99

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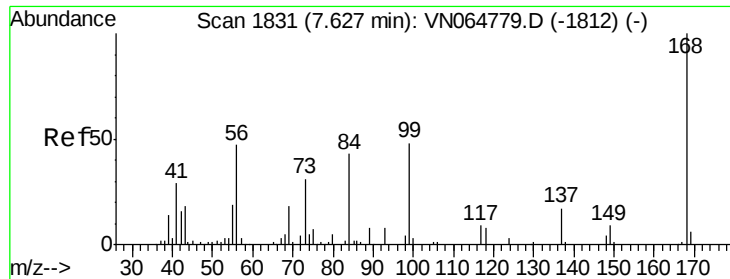
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	41934	16.042	ug/l	100
94) Hexachlorobutadiene	14.98	225	21429	18.441	ug/l	98
95) Naphthalene	15.10	128	128825	16.450	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	40927	17.408	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

Tot Ion:168 Resp: 188041

Ion Ratio Lower Upper

168 100

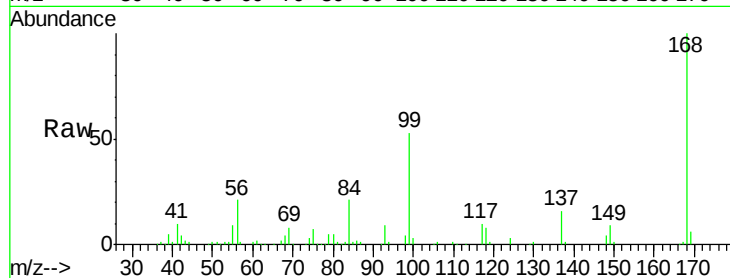
99 53.0 43.0 64.4

Manual Integrations

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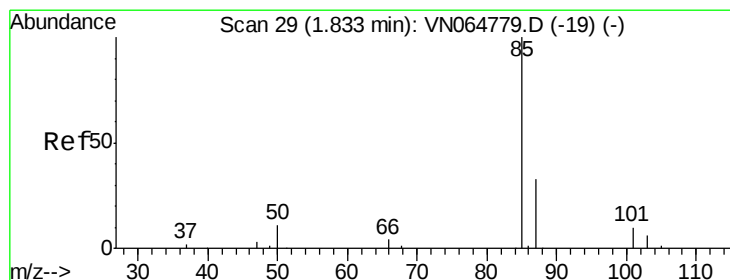
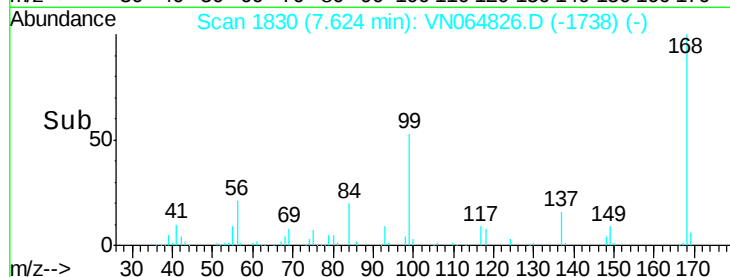
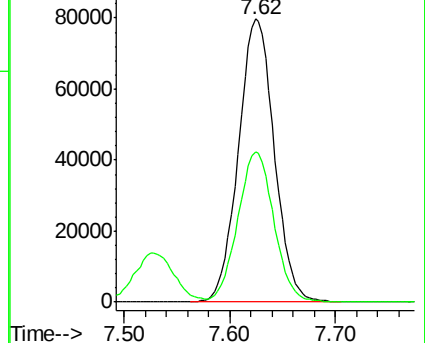
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11/25/2020 9:52:00 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 17.366 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064826.D

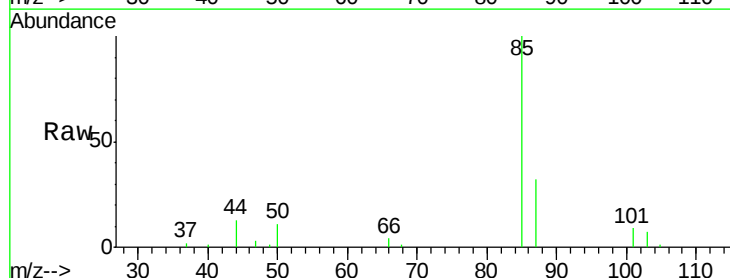
Acq: 24 Nov 2020 22:17

Tgt Ion: 85 Resp: 28302

Ion Ratio Lower Upper

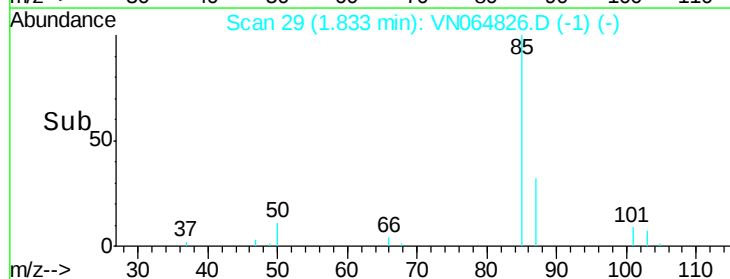
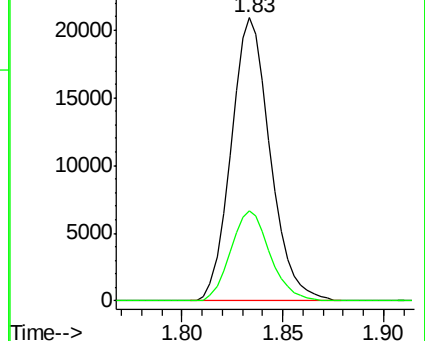
85 100

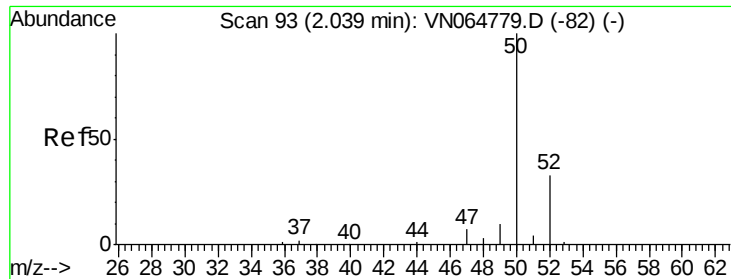
87 31.7 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 16.674 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

Tot Ion: 50 Resp: 35313

Ion Ratio Lower Upper

50 100

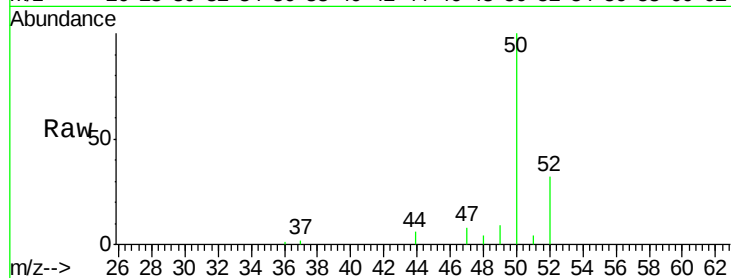
52 32.1 26.6 39.8

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

25000

20000

15000

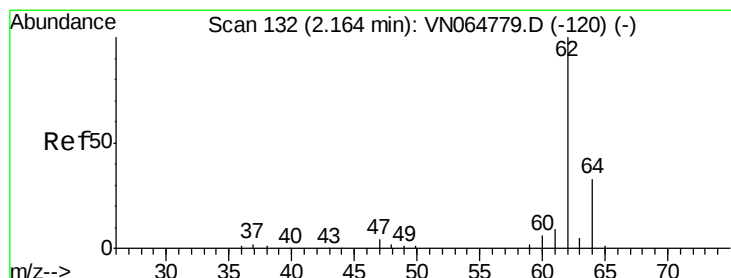
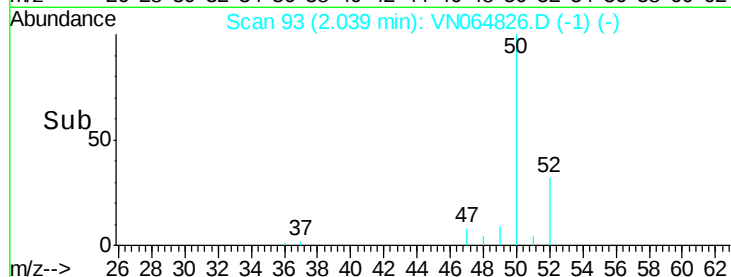
10000

5000

0

Time-->

2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 17.488 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064826.D

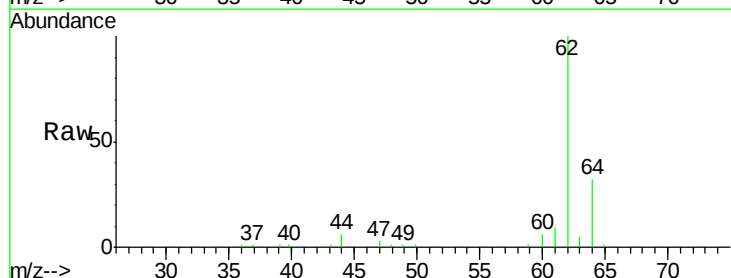
Acq: 24 Nov 2020 22:17

Tgt Ion: 62 Resp: 38612

Ion Ratio Lower Upper

62 100

64 32.1 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

30000

25000

20000

15000

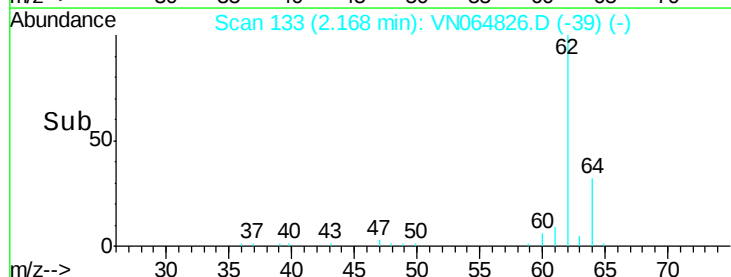
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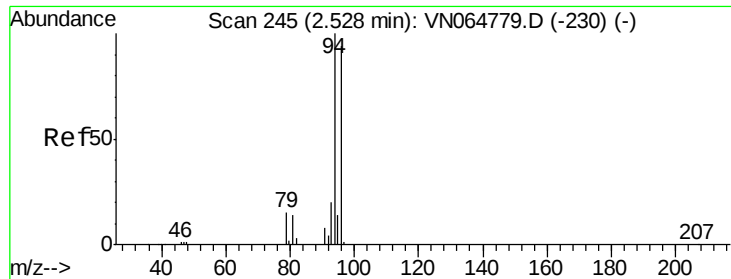
5000

0

Time-->

2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 15.069 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

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ClientSampleId :

VN1124WBS02

Tot Ion: 94 Resp: 21829

Ion Ratio Lower Upper

94 100

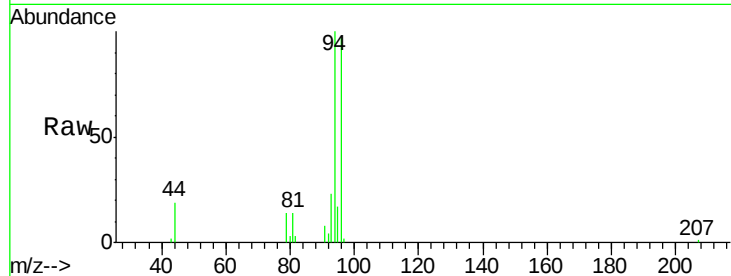
96 96.6 75.4 113.0

Manual Integrations

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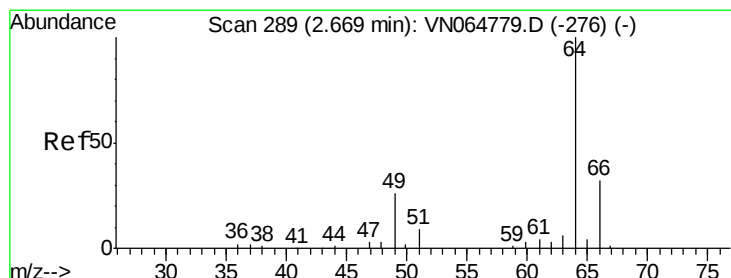
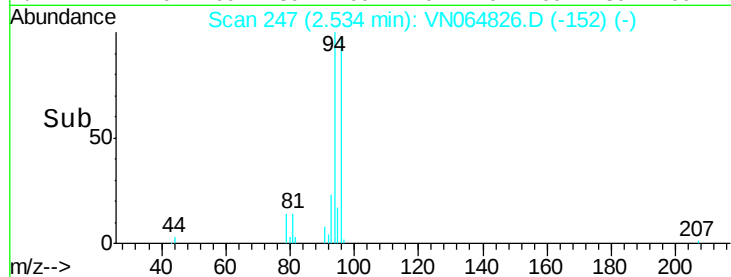
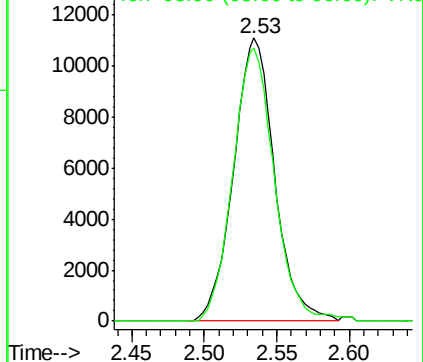
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11/25/2020 9:52:00 AM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.546 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064826.D

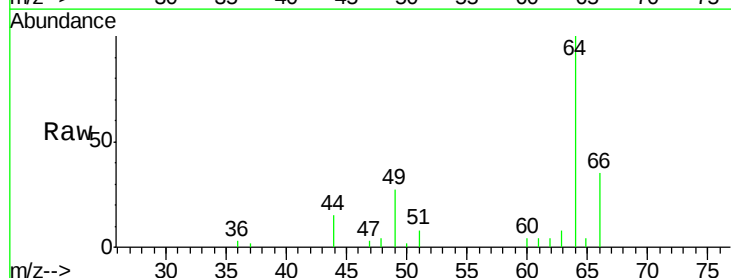
Acq: 24 Nov 2020 22:17

Tgt Ion: 64 Resp: 23962

Ion Ratio Lower Upper

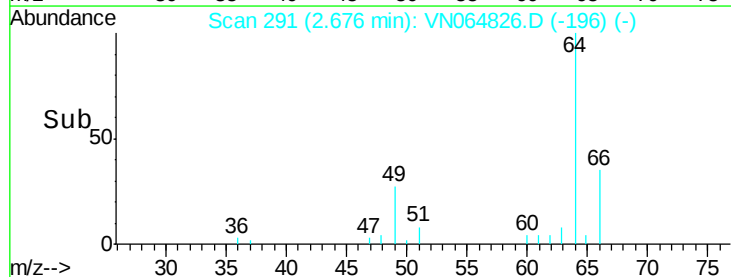
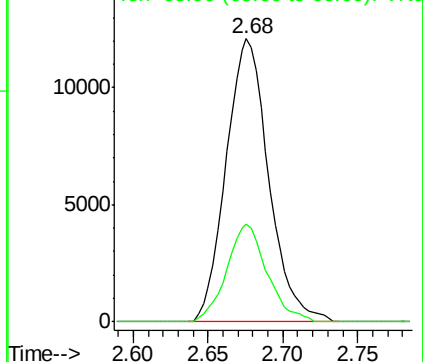
64 100

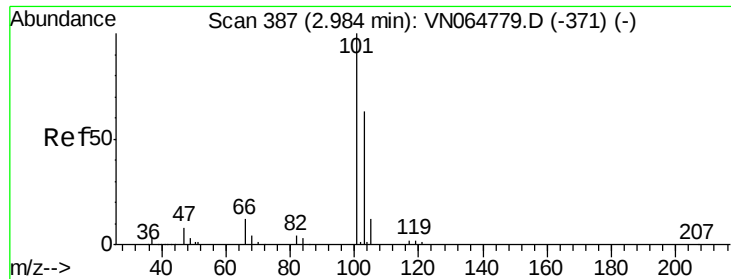
66 34.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

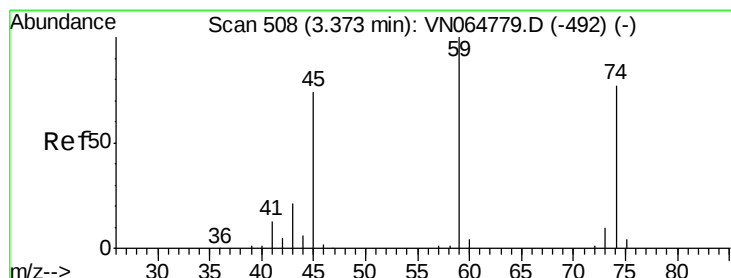
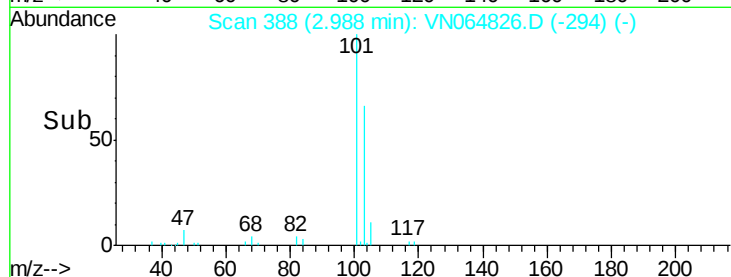
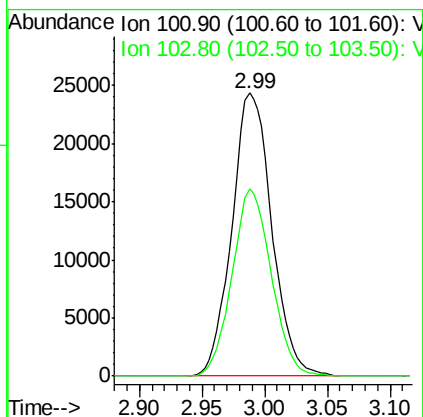
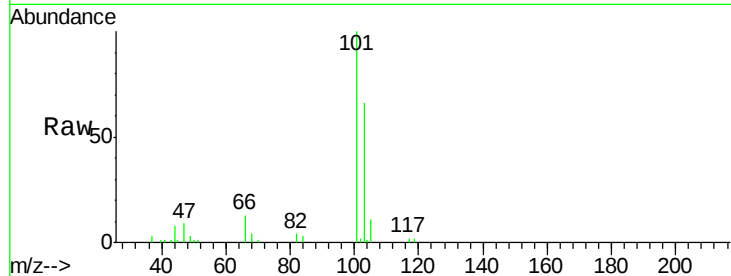
Trichlorofluoromethane
Concen: 17.650 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.3	50.5	75.7

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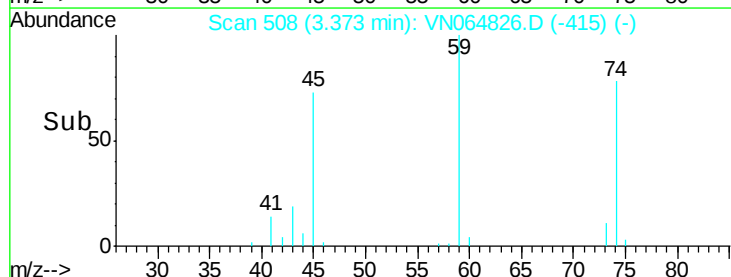
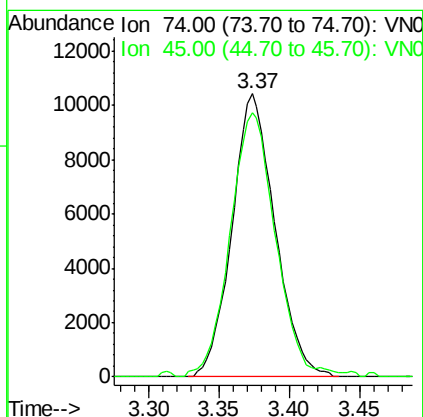
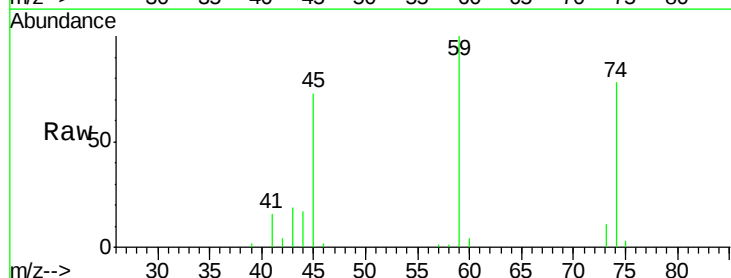
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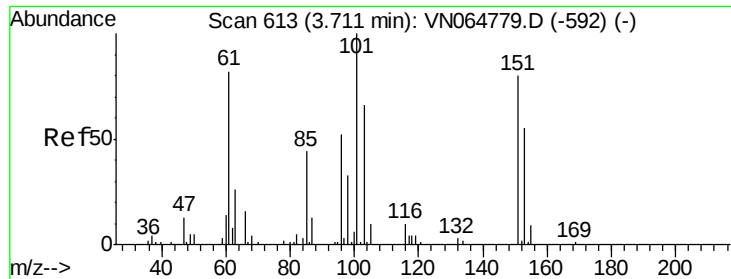


#8

Diethyl Ether
Concen: 18.437 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.8	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.072 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064826.D

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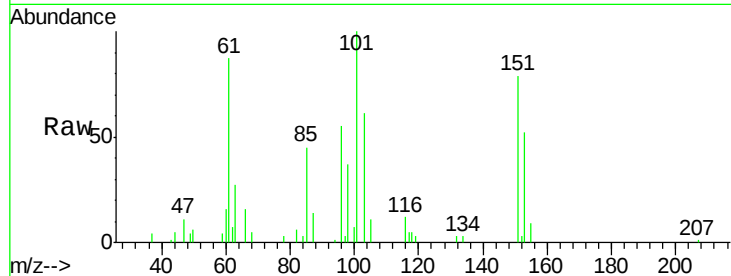
ClientSampleId :

VN1124WBS02

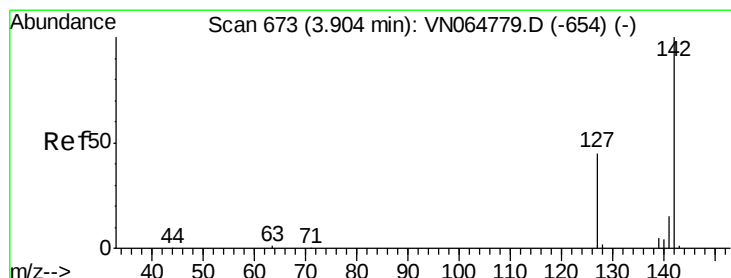
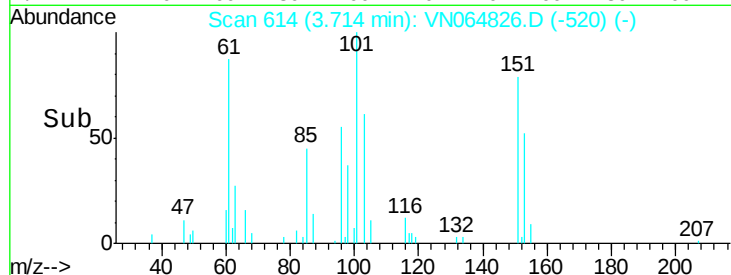
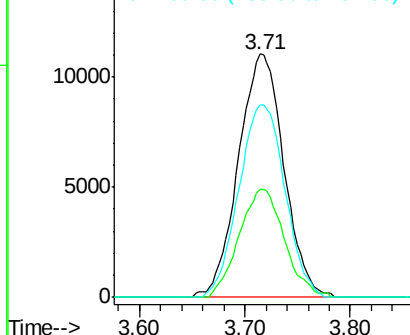
Tot Ion:	101	Resp:	33088
Ion Ratio	Lower	Upper	
101	100		
85	44.4	34.4	51.6
151	80.3	64.0	96.0

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 11.904 ug/l

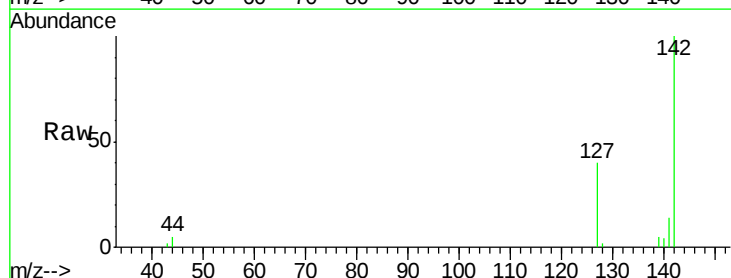
RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

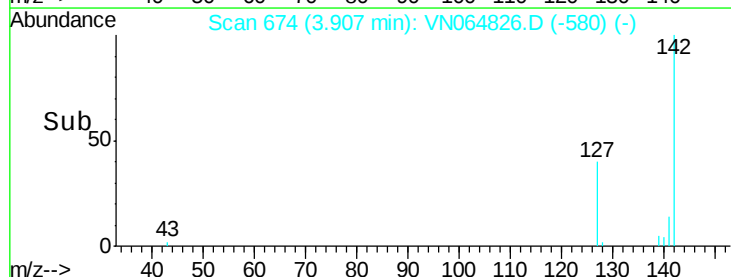
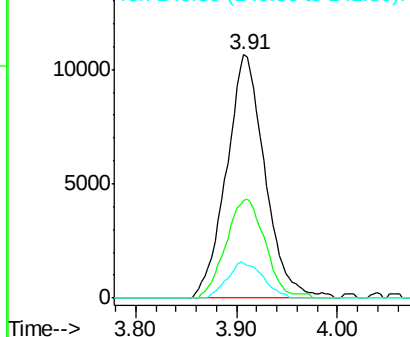
Lab File: VN064826.D

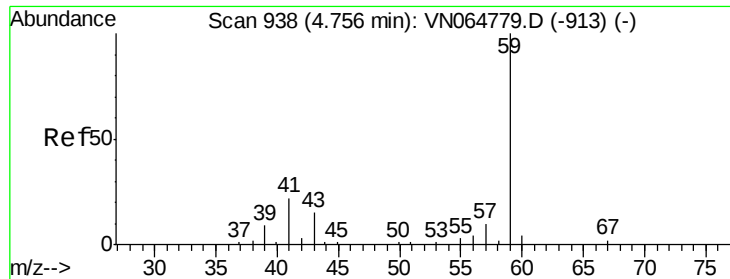
Acq: 24 Nov 2020 22:17

Tgt Ion:	142	Resp:	28271
Ion Ratio	Lower	Upper	
142	100		
127	41.3	35.0	52.6
141	13.8	11.8	17.6



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





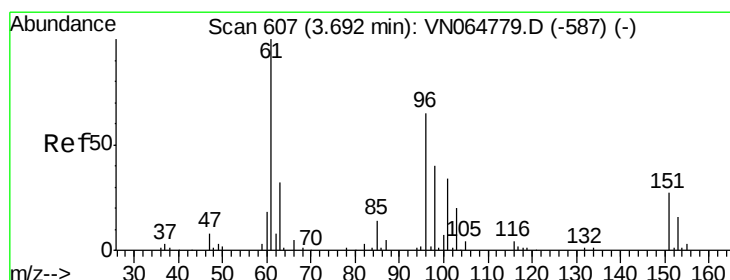
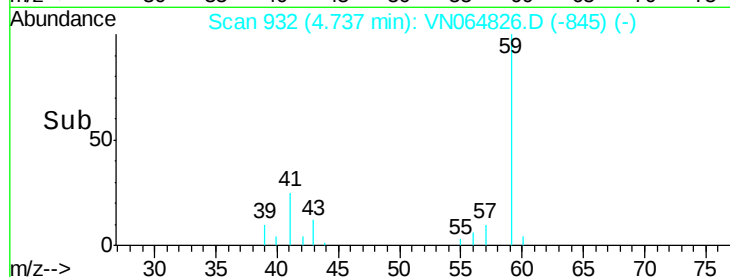
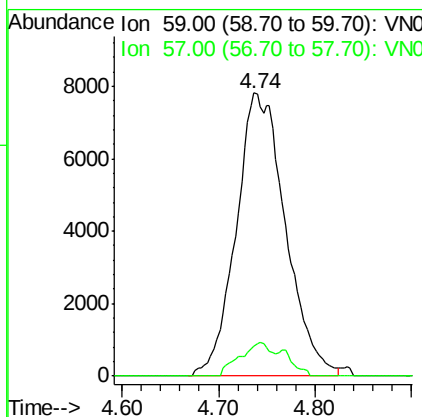
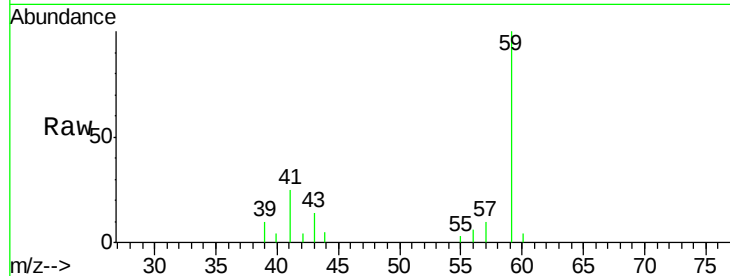
#11
Tert butyl alcohol
Concen: 81.126 ug/l
RT: 4.74 min Scan# 932
Delta R.T. -0.02 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion: 59 Resp: 27658
Ion Ratio Lower Upper
59 100
57 7.7 7.9 11.9#

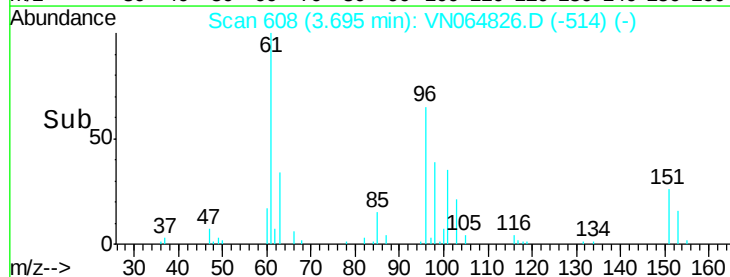
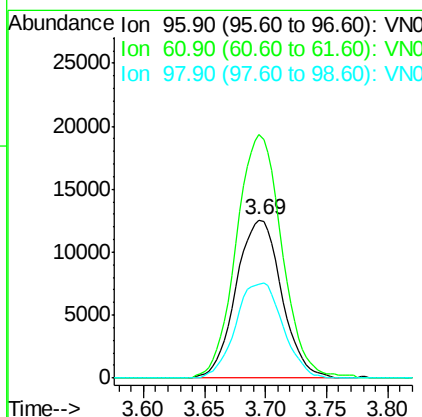
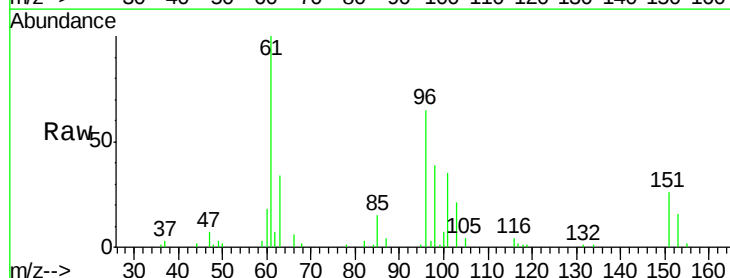
Manual Integrations
APPROVED

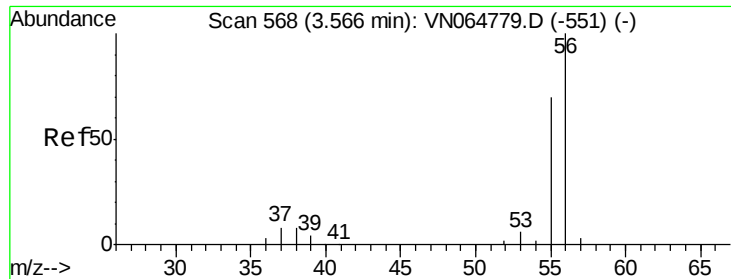
MMDadoda
11/25/2020 9:52:00 AM



#12
1,1-Dichloroethene
Concen: 17.840 ug/l
RT: 3.69 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion: 96 Resp: 32530
Ion Ratio Lower Upper
96 100
61 154.0 123.4 185.2
98 59.5 49.8 74.8





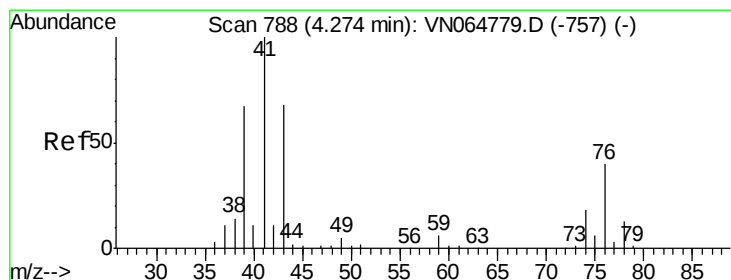
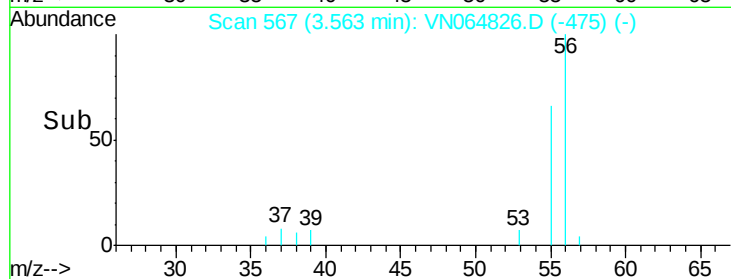
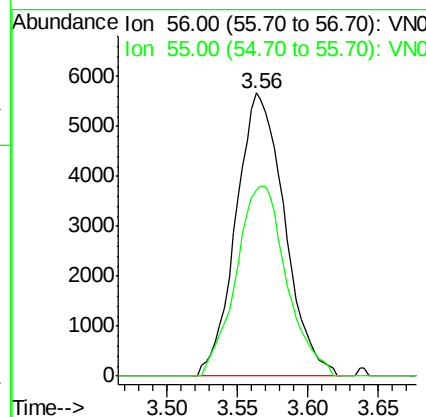
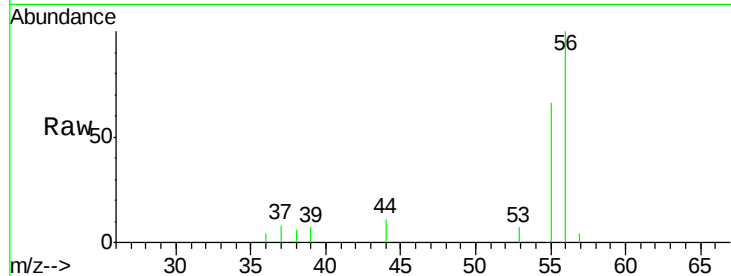
#13
Acrolein
Concen: 65.697 ug/l
RT: 3.56 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion: 56 Resp: 13681
Ion Ratio Lower Upper
56 100
55 69.9 56.5 84.7

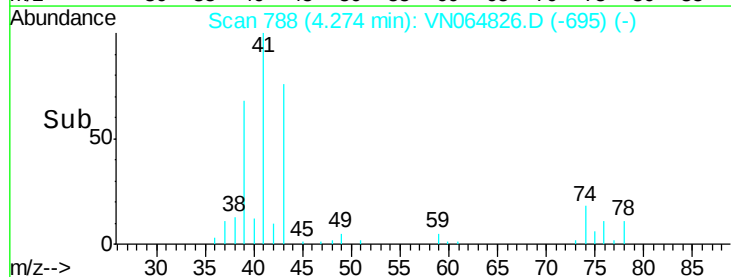
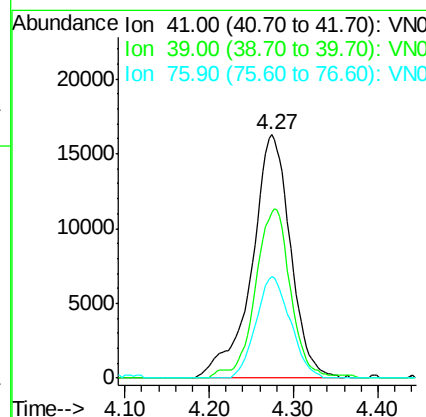
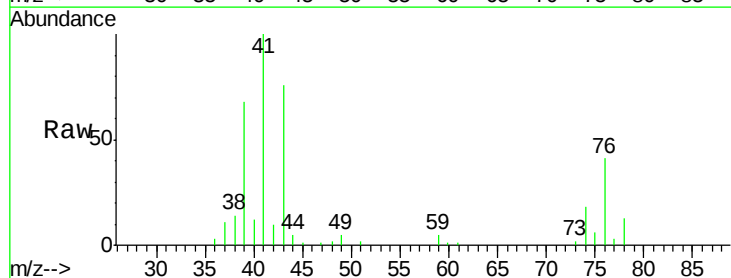
Manual Integrations
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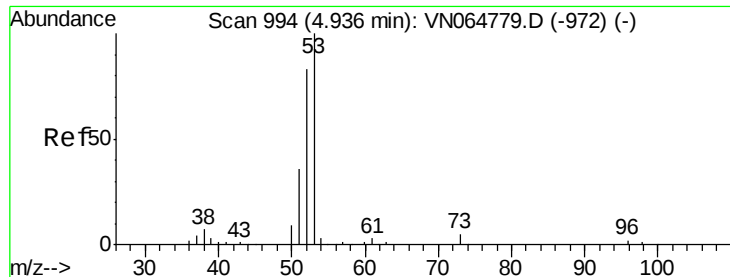
MMDadoda
11/25/2020 9:52:00 AM



#14
Allyl chloride
Concen: 17.245 ug/l
RT: 4.27 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion: 41 Resp: 51864
Ion Ratio Lower Upper
41 100
39 63.3 50.9 76.3
76 36.8 29.0 43.4





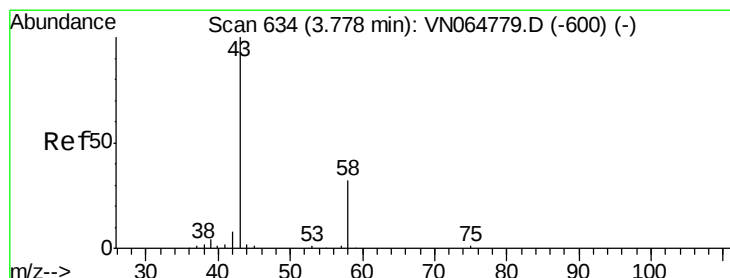
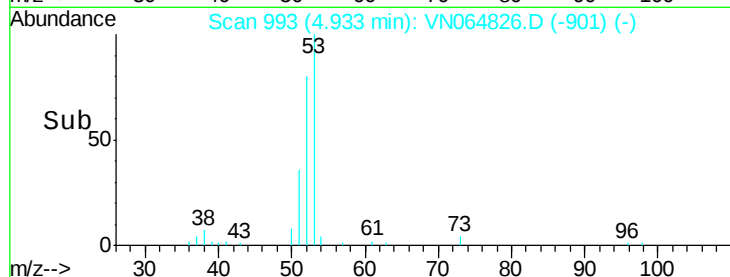
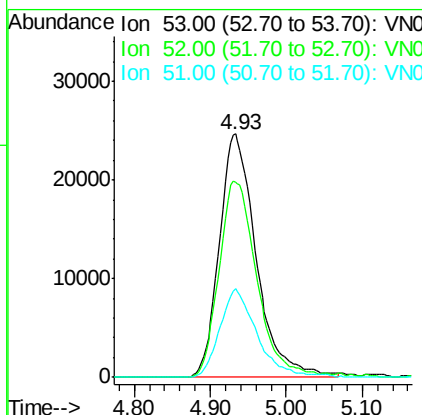
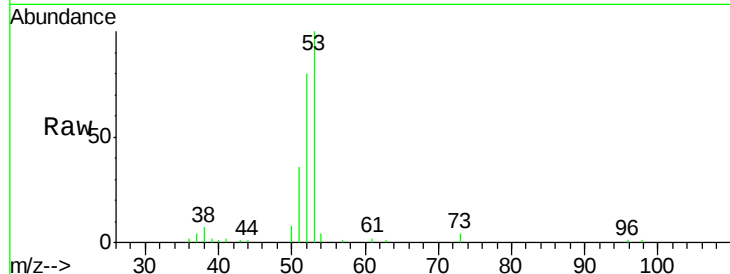
#15
 Acrylonitrile
 Concen: 88.362 ug/l
 RT: 4.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.5	98.3
51	36.3	28.6	43.0

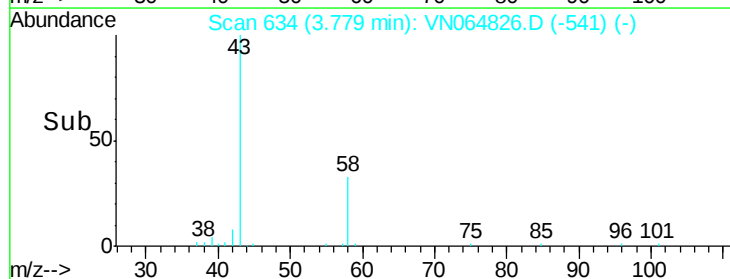
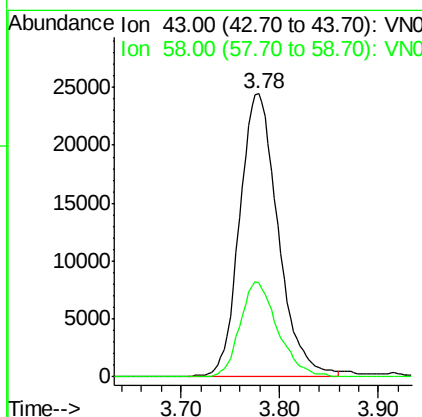
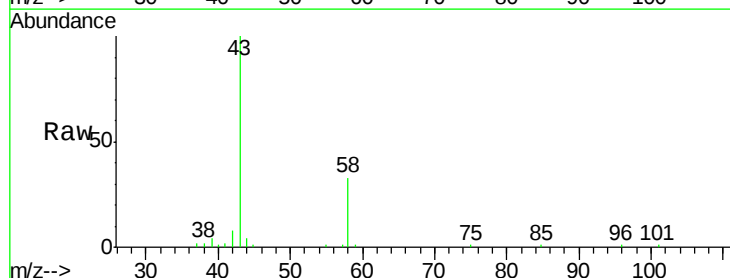
Manual Integrations
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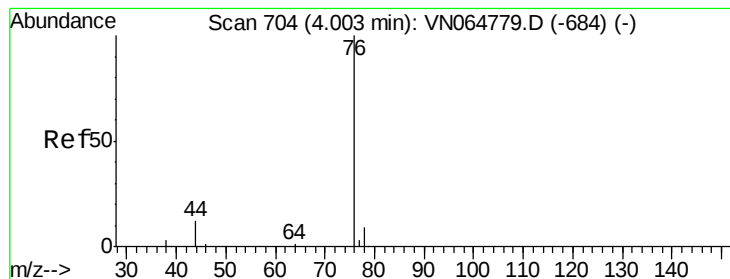
MMDadoda
 11/25/2020 9:52:00 AM



#16
 Acetone
 Concen: 91.965 ug/l
 RT: 3.78 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.2	25.7	38.5





#17

Carbon Disulfide

Concen: 17.611 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

Tot Ion: 76 Resp: 82900

Ion Ratio Lower Upper

76 100

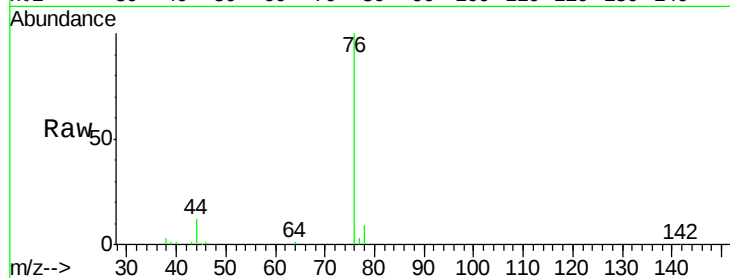
78 8.6 7.4 11.0

Manual Integrations

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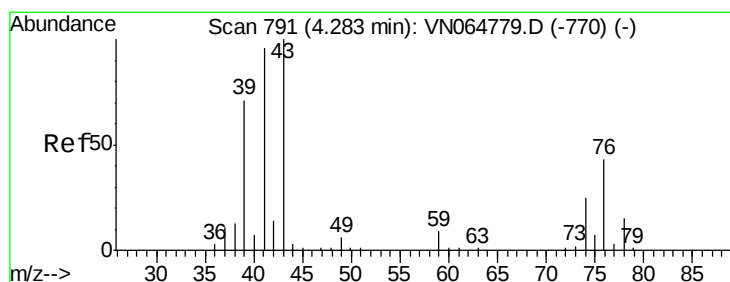
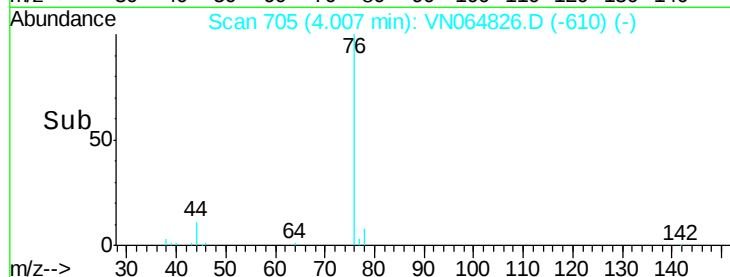
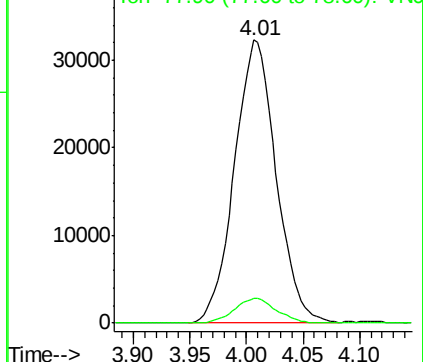
MMDadoda

11/25/2020 9:52:00 AM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 17.275 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.01 min

Lab File: VN064826.D

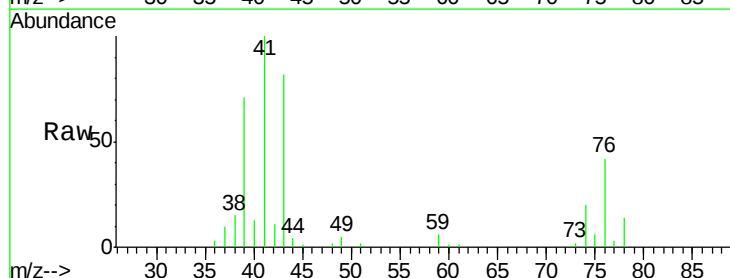
Acq: 24 Nov 2020 22:17

Tgt Ion: 43 Resp: 37325

Ion Ratio Lower Upper

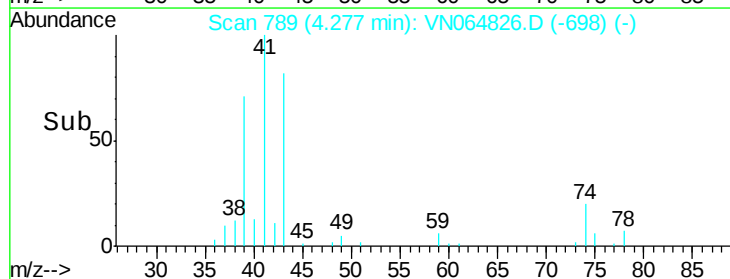
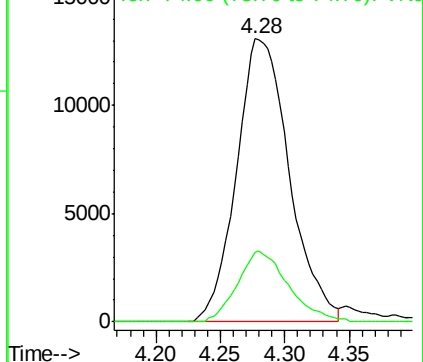
43 100

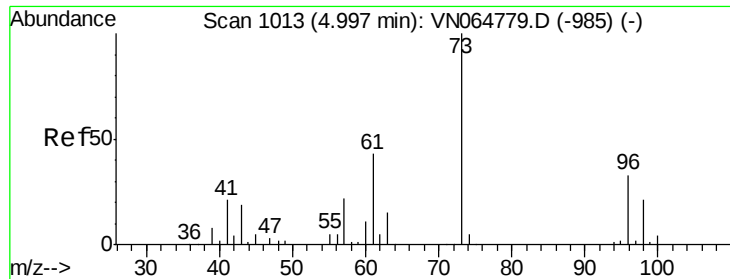
74 24.0 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





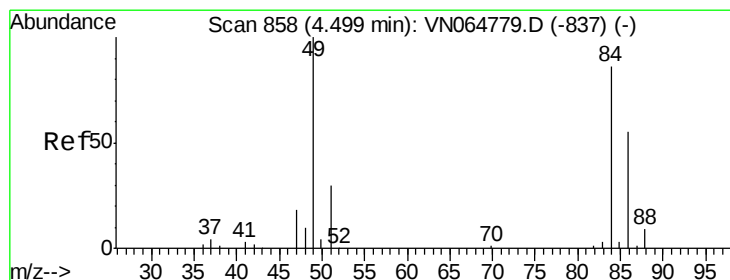
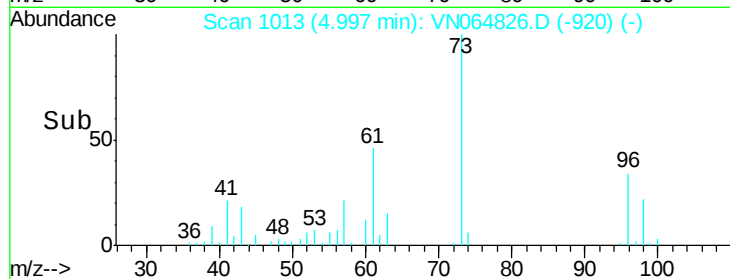
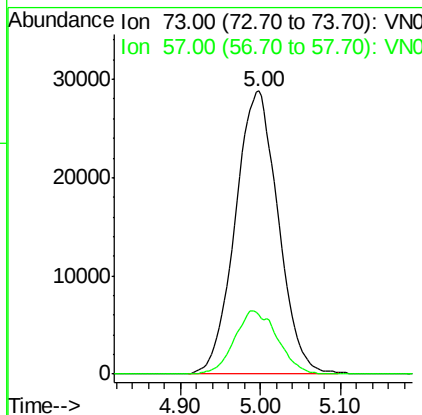
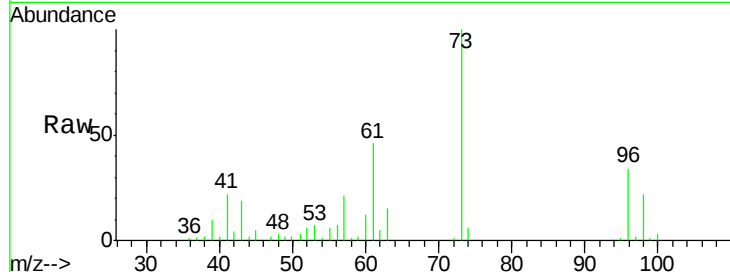
#19
Methvl tert-butvl Ether
Concen: 18.020 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion: 73 Resp: 105382
Ion Ratio Lower Upper
73 100
57 20.9 17.4 26.0

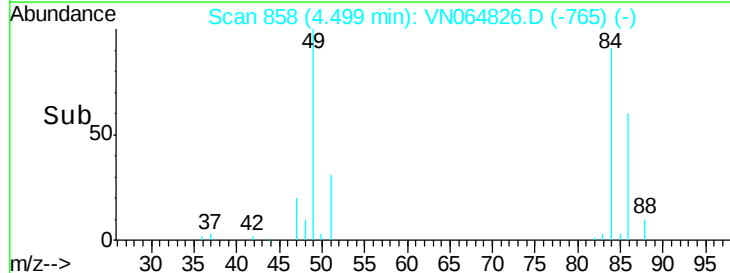
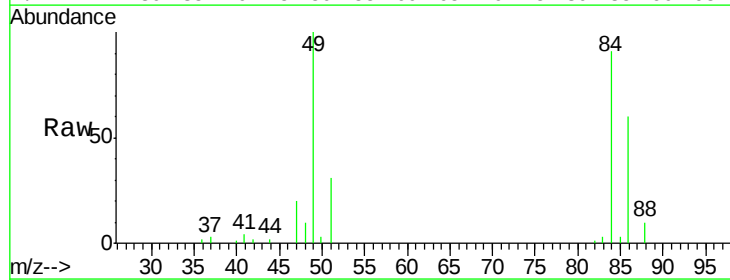
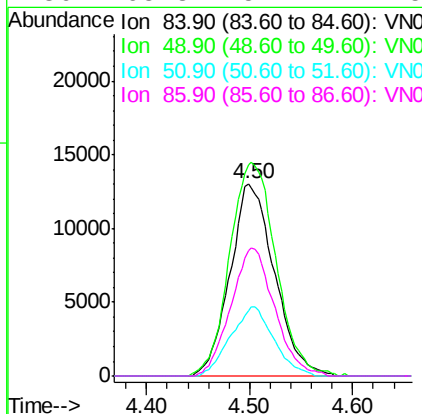
Manual Integrations
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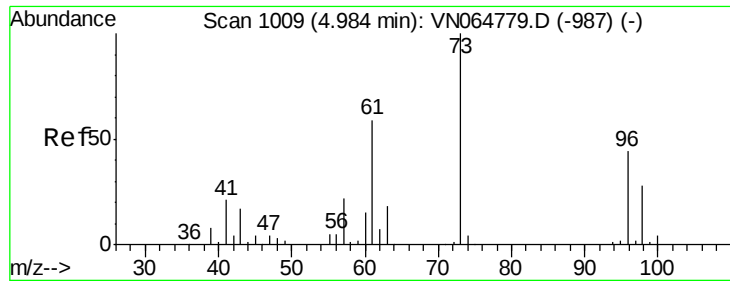
MMDadoda
11/25/2020 9:52:00 AM



#20
Methylene Chloride
Concen: 17.338 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion: 84 Resp: 39044
Ion Ratio Lower Upper
84 100
49 109.5 93.4 140.0
51 33.7 28.2 42.4
86 65.3 51.7 77.5





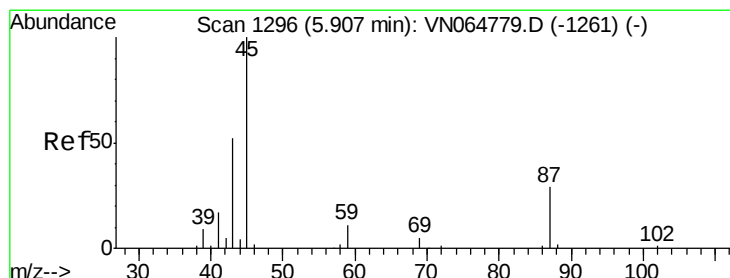
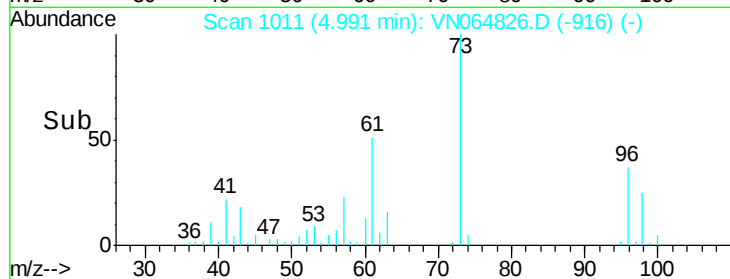
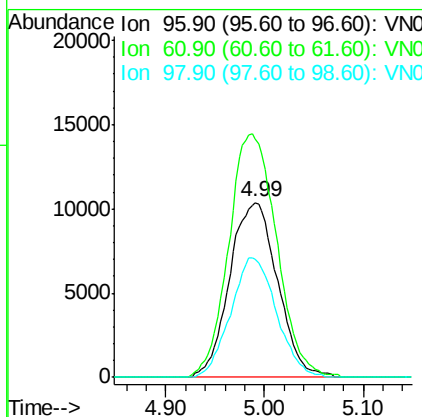
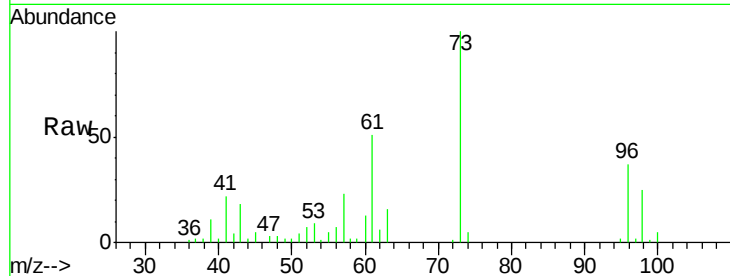
#21
trans-1,2-Dichloroethene
Concen: 17.268 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.9	108.4	162.6
98	67.7	51.3	76.9

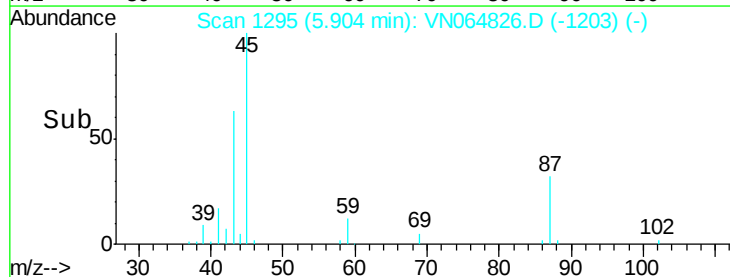
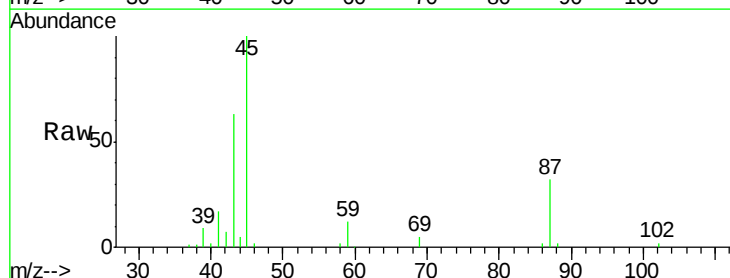
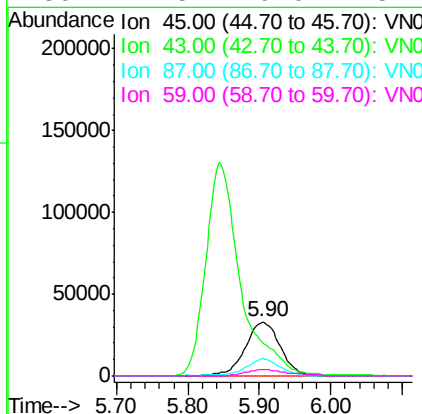
Manual Integrations
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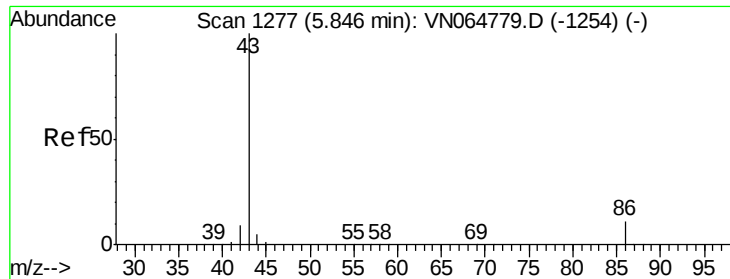
MMDadoda
11/25/2020 9:52:00 AM



#22
Diisopropyl ether
Concen: 18.806 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.8	46.2	69.2
87	32.5	24.1	36.1
59	12.5	9.0	13.4





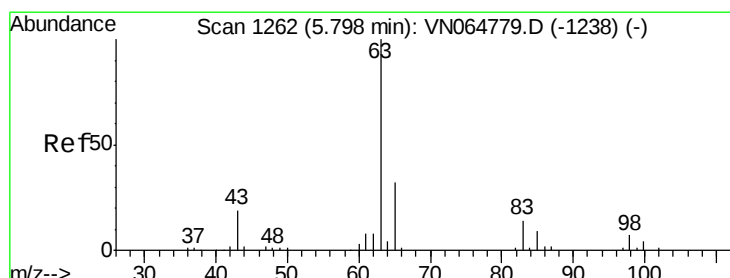
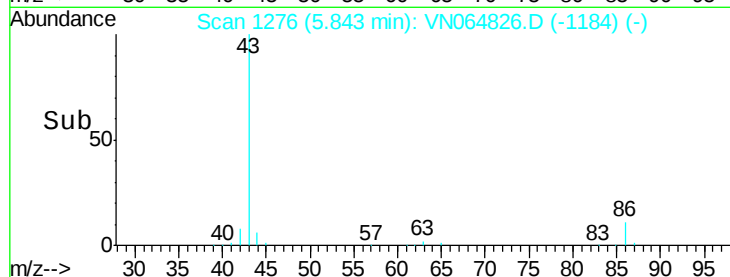
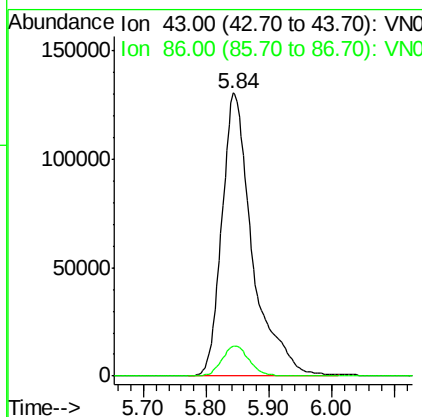
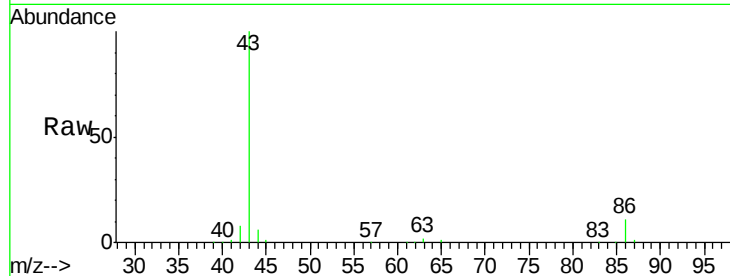
#23
 Vinyl Acetate
 Concen: 91.949 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

Tot Ion: 43 Resp: 442623
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.9 13.3

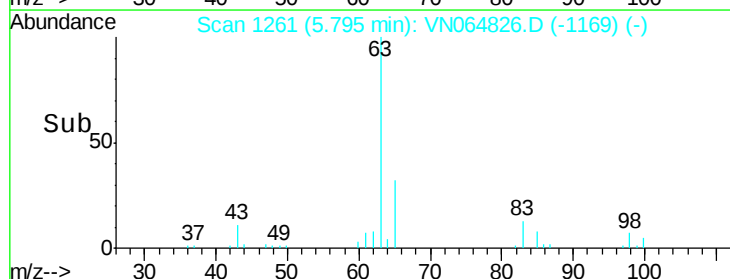
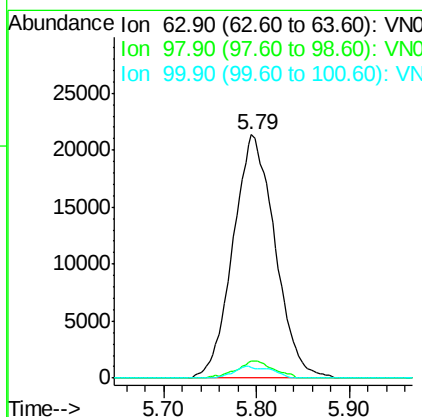
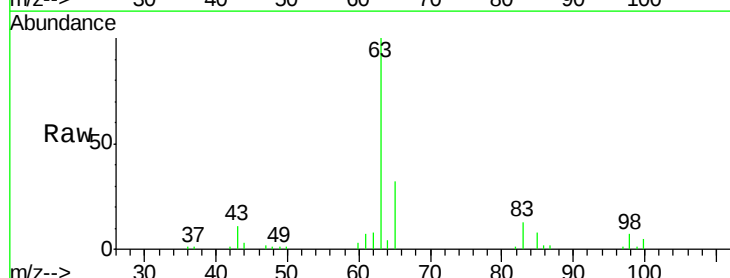
Manual Integrations
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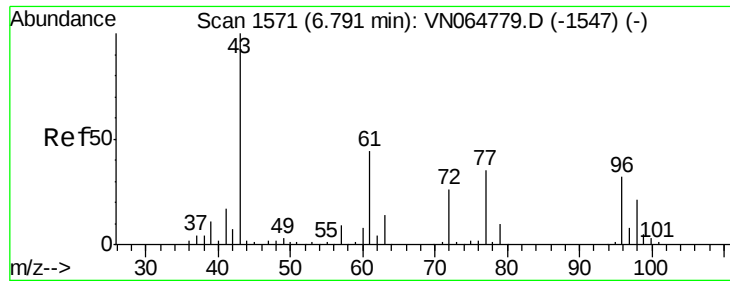
MMDadoda
 11/25/2020 9:52:00 AM



#24
 1,1-Dichloroethane
 Concen: 18.637 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Tgt Ion: 63 Resp: 67046
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 89.846 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

Tot Ion: 43 Resp: 104665

Ion Ratio Lower Upper

43 100

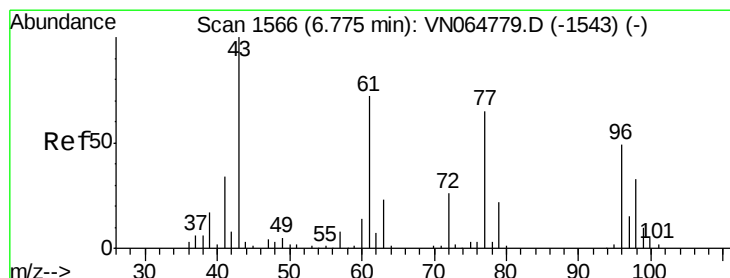
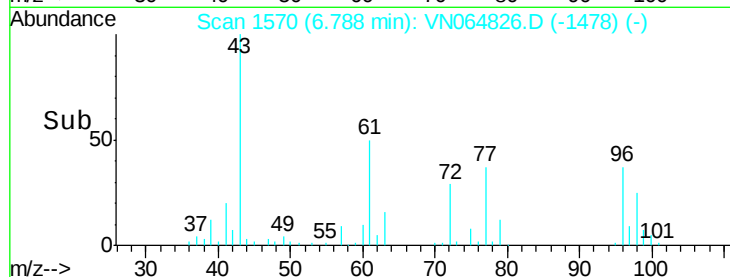
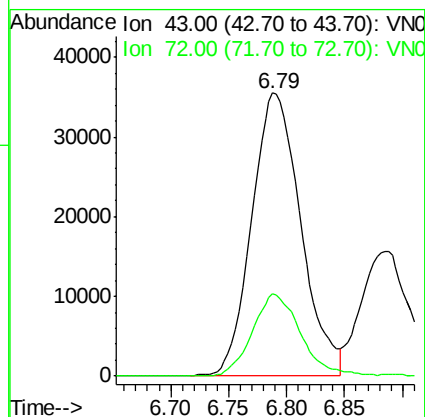
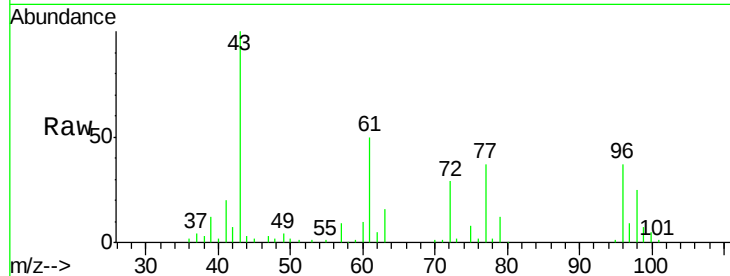
72 29.1 21.0 31.6

Manual Integrations

APPROVED

MMDadoda

11/25/2020 9:52:00 AM



#26

2,2-Dichloropropane

Concen: 15.892 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064826.D

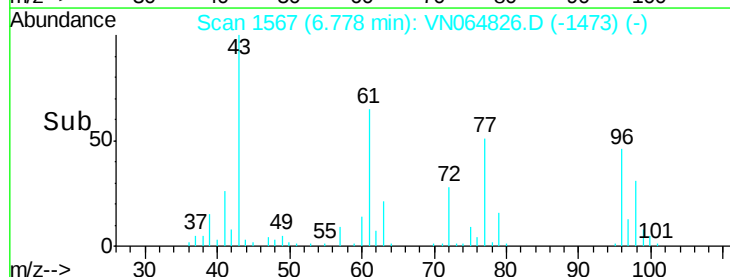
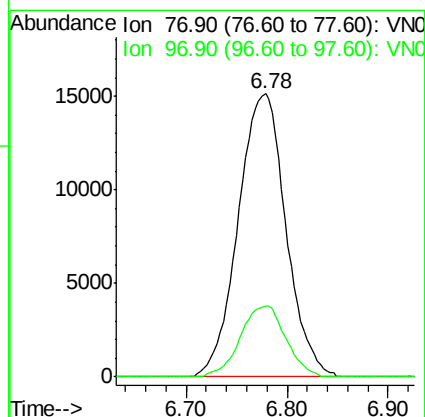
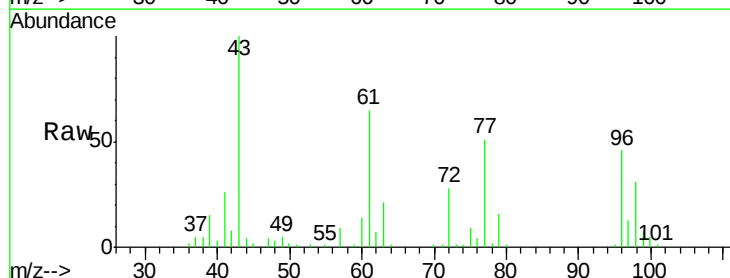
Acq: 24 Nov 2020 22:17

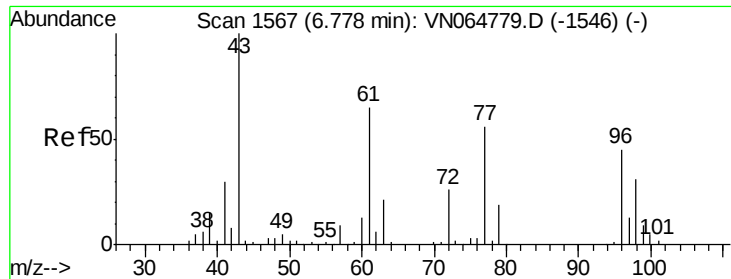
Tgt Ion: 77 Resp: 49585

Ion Ratio Lower Upper

77 100

97 23.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 18.335 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

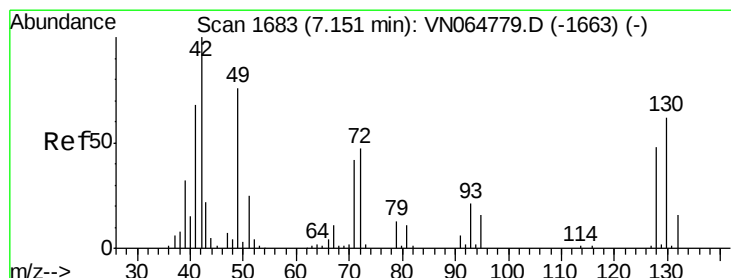
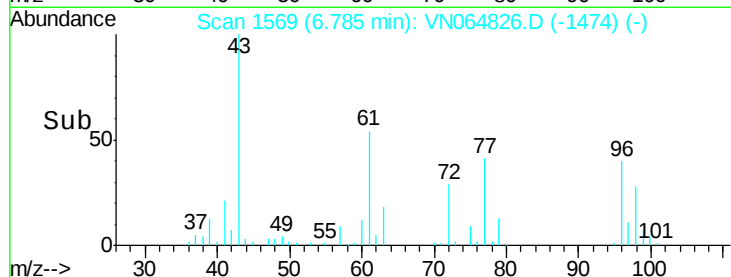
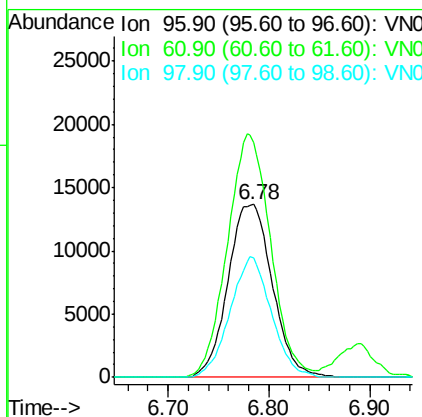
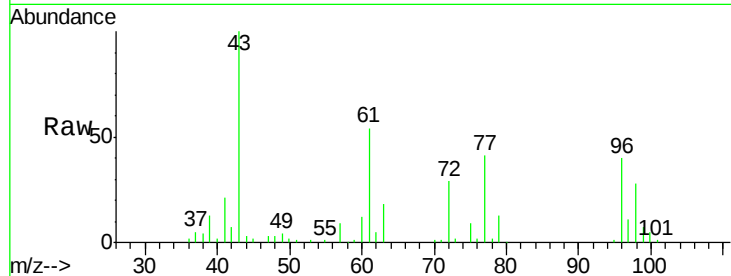
ClientSampleId :

VN1124WBS02

Tot Ion:	96	Resp:	41777
Ion	Ratio	Lower	Upper
96	100		
61	136.8	0.0	285.8
98	64.5	0.0	130.6

Manual Integrations
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#28

Bromochloromethane

Concen: 19.403 ug/l

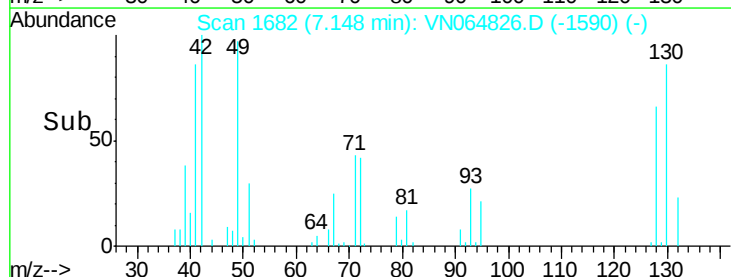
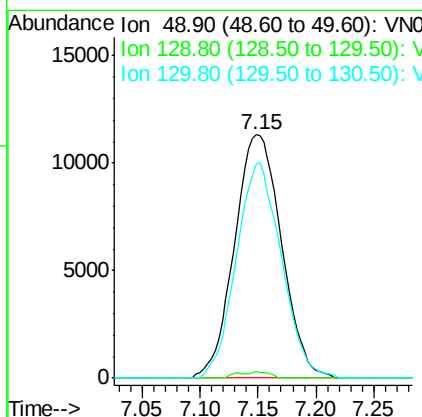
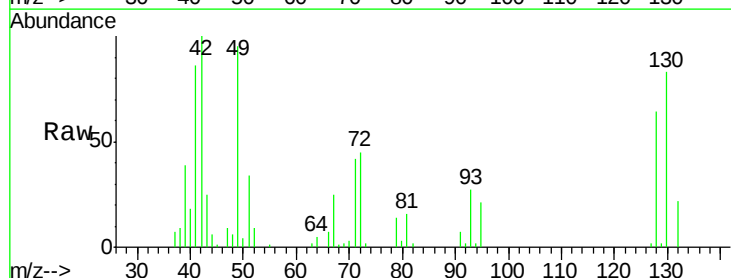
RT: 7.15 min Scan# 1682

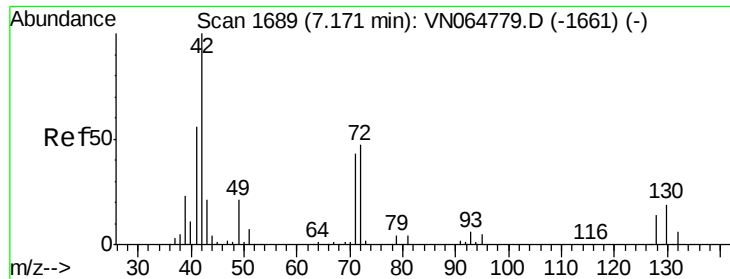
Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Tgt Ion:	49	Resp:	31933
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.8
130	84.9	66.2	99.2





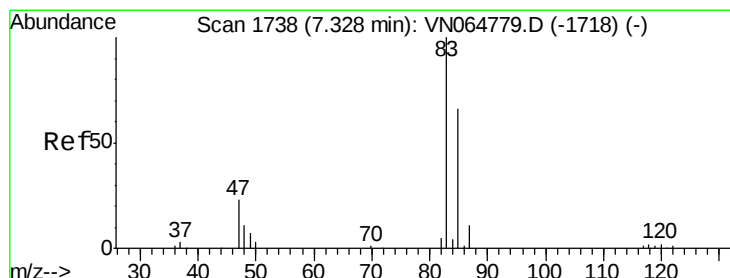
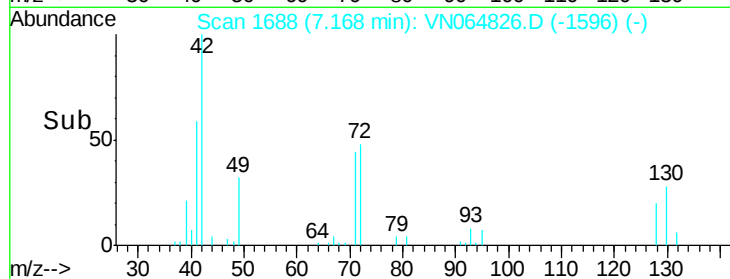
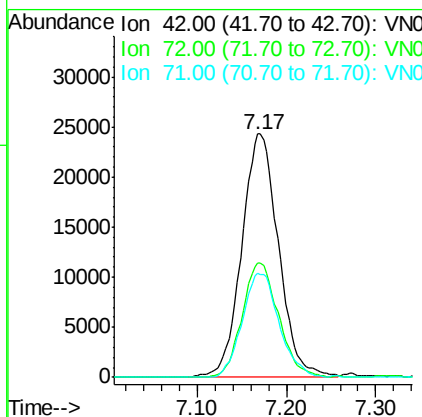
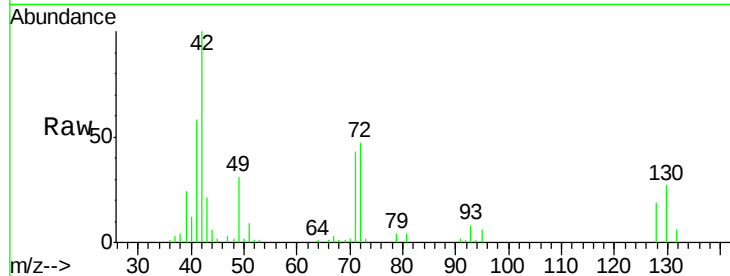
#29
Tetrahydrofuran
Concen: 86.884 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	36.6	54.8
71	42.6	33.6	50.4

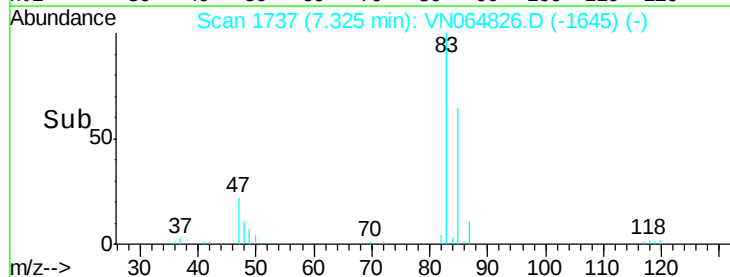
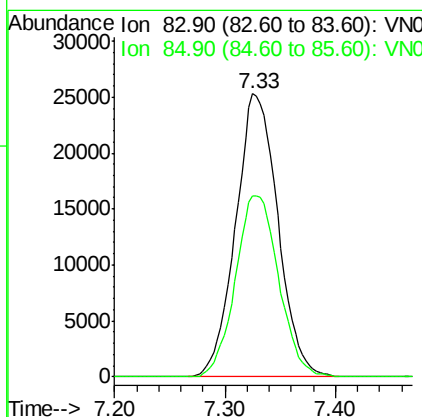
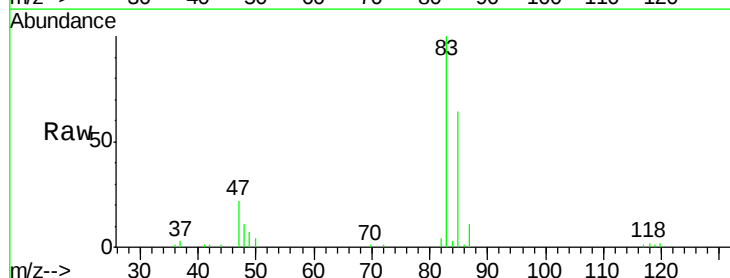
Manual Integrations
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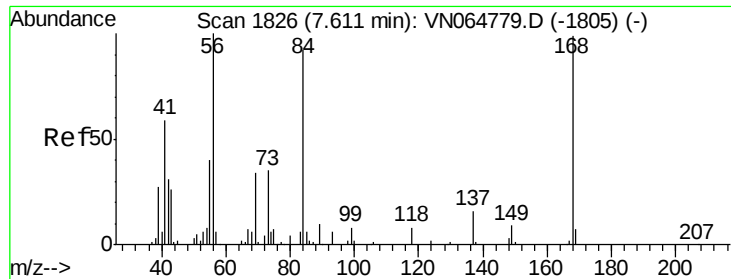
MMDadoda
11/25/2020 9:52:00 AM



#30
Chloroform
Concen: 18.096 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.6	78.8





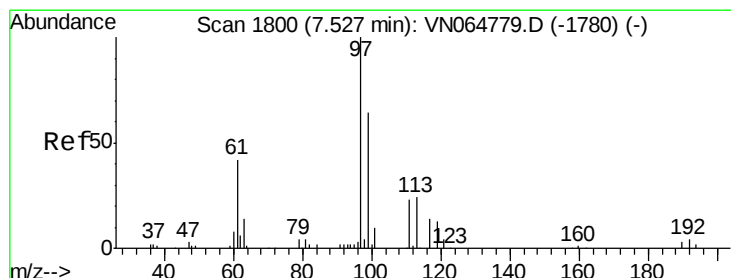
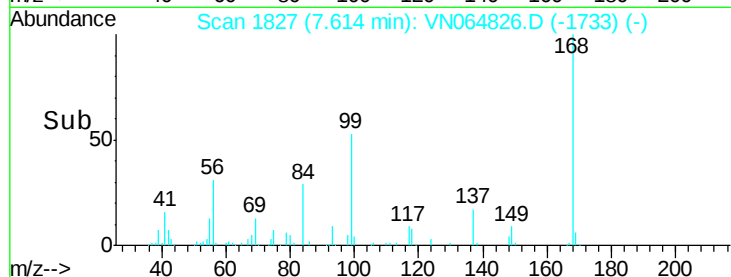
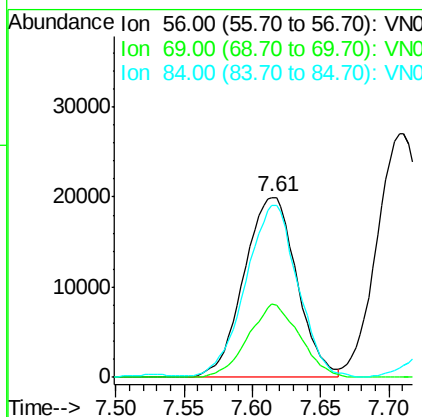
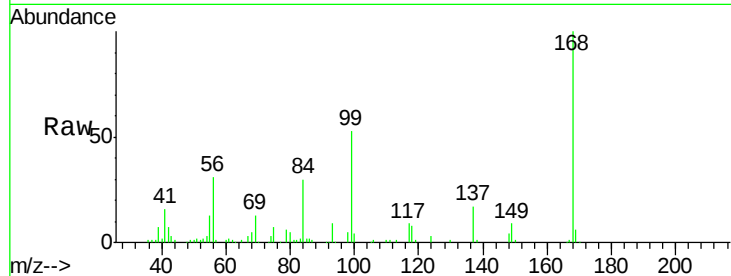
#31
Cyclohexane
Concen: 17.642 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	40.5	27.5	41.3	
84	94.6	73.9	110.9	

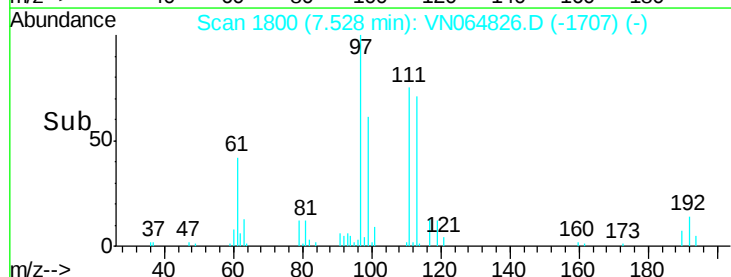
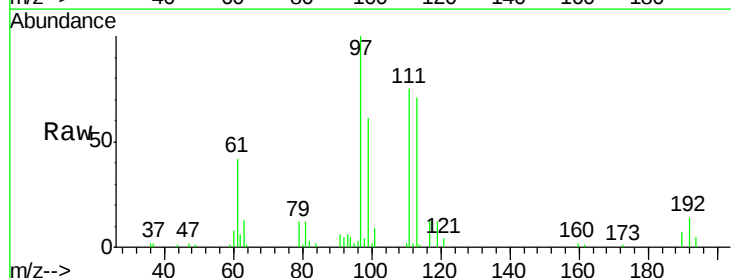
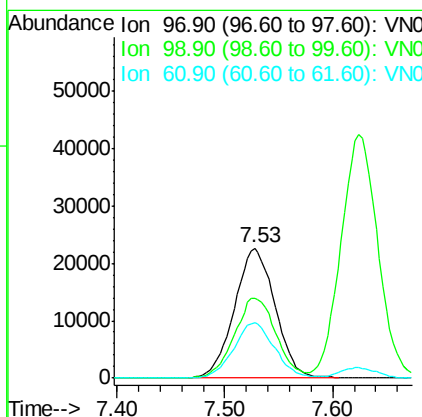
Manual Integrations
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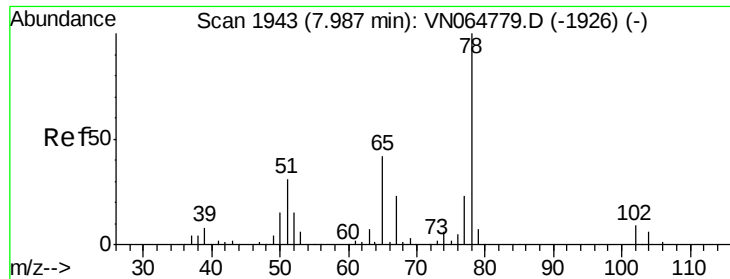
MMDadoda
11/25/2020 9:52:00 AM



#32
1,1,1-Trichloroethane
Concen: 18.602 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.0	51.7	77.5	
61	42.5	33.9	50.9	





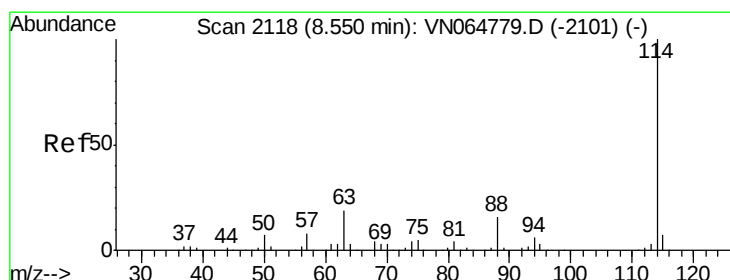
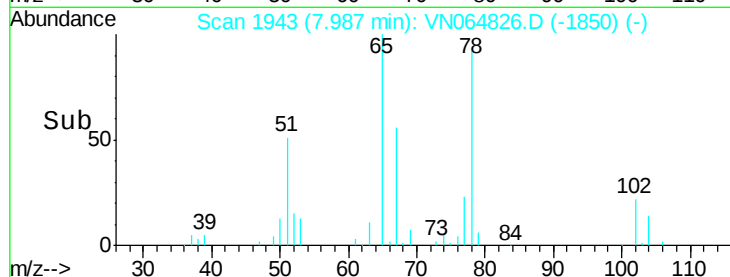
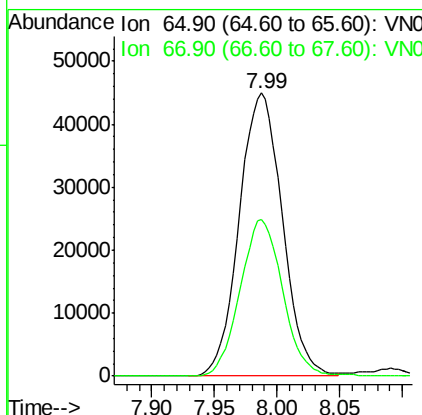
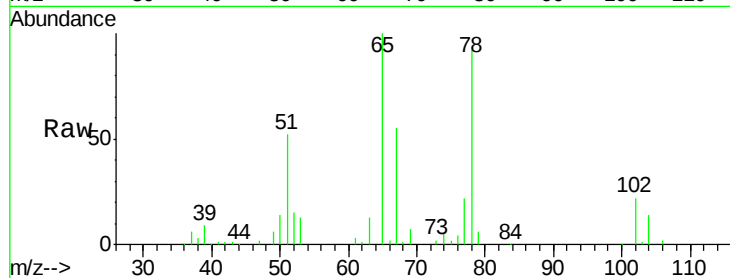
#33
 1,2-Dichloroethane-d4
 Concen: 49.141 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.7	0.0	107427	108.2

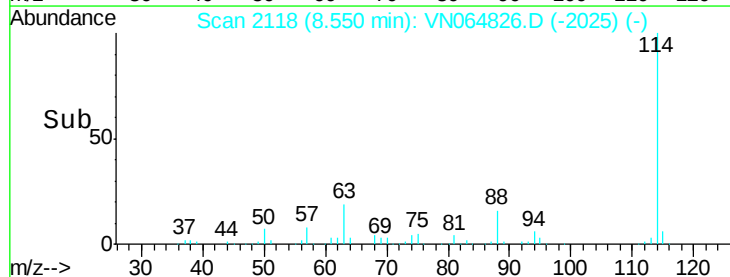
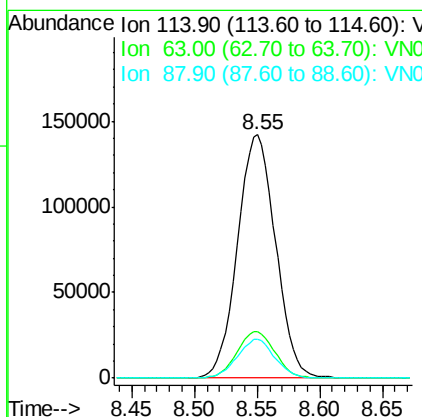
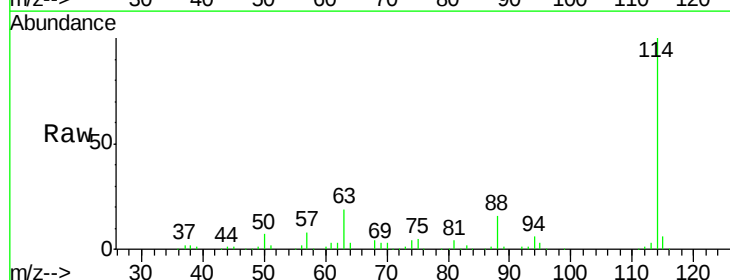
Manual Integrations
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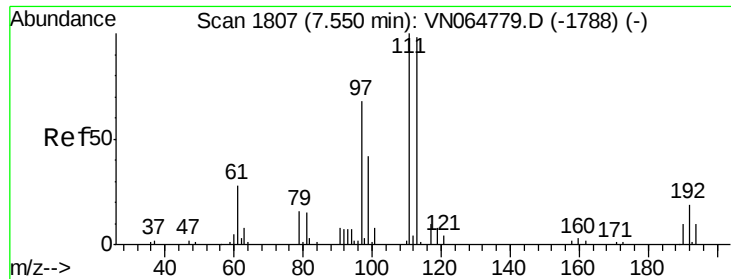
MMDadoda
 11/25/2020 9:52:00 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.1	0.0	299649	38.6
88	16.0	0.0	32.6	





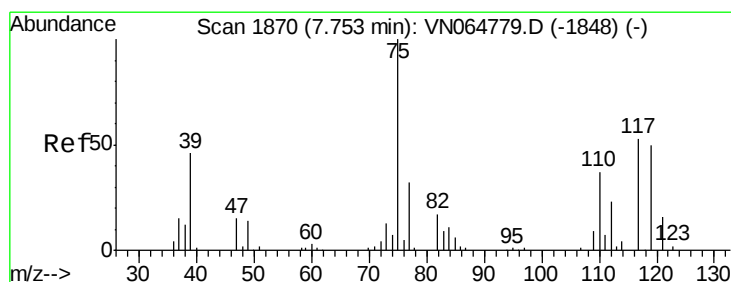
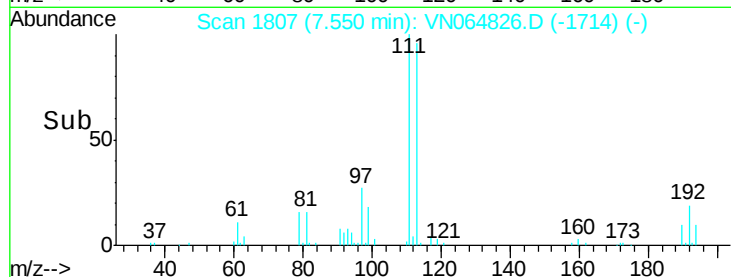
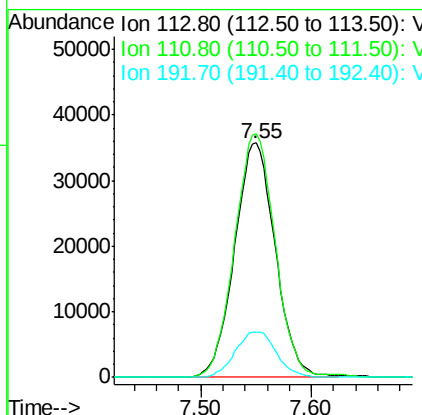
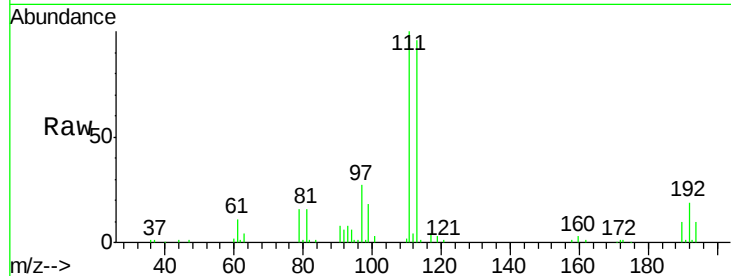
#35
 Dibromofluoromethane
 Concen: 50.970 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.6	122.4
192	19.6	16.2	24.2

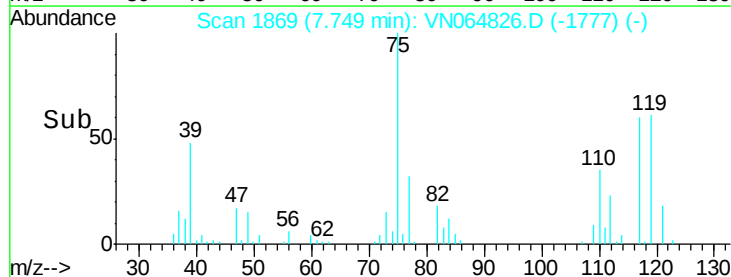
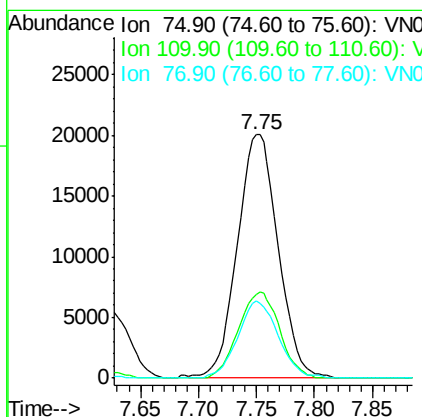
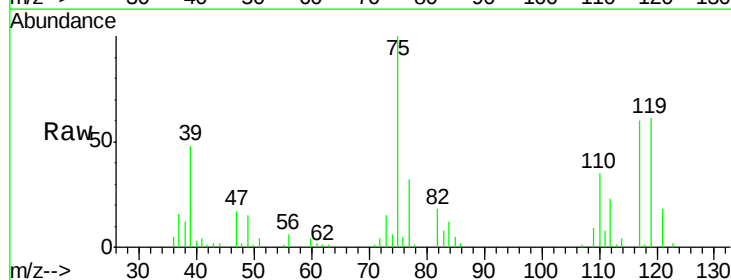
Manual Integrations
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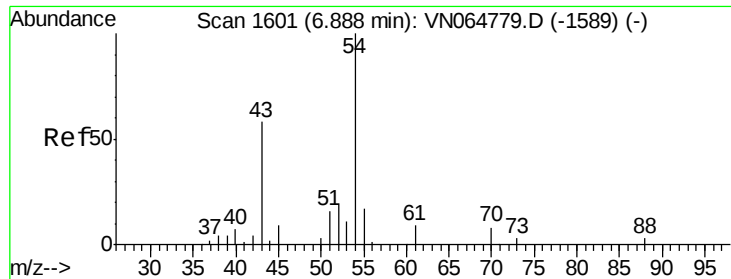
MMDadoda
 11/25/2020 9:52:00 AM



#36
 1,1-Dichloropropene
 Concen: 17.662 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.8	53.3
77	31.3	25.0	37.4





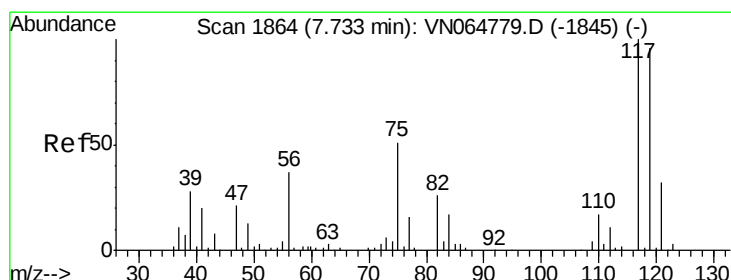
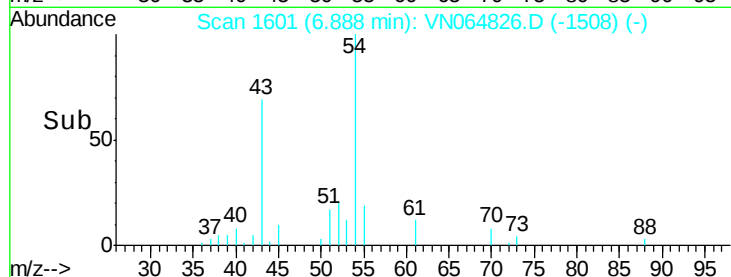
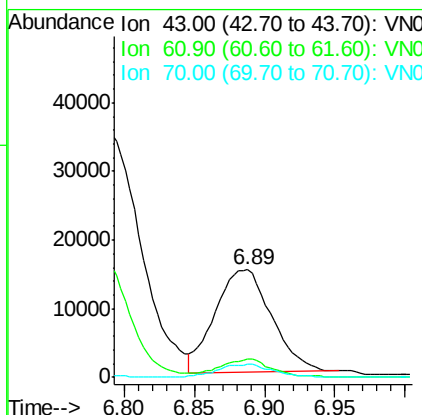
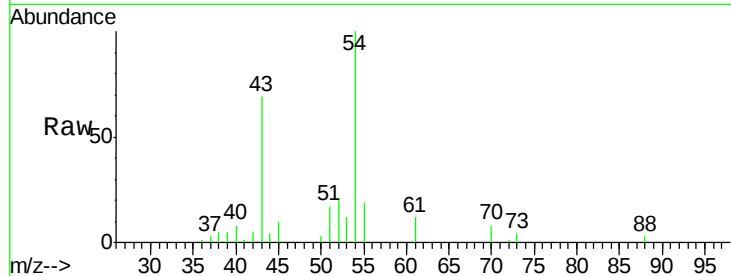
#37
Ethyl Acetate
Concen: 15.722 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.8	19.2
70	12.1	8.8	13.2

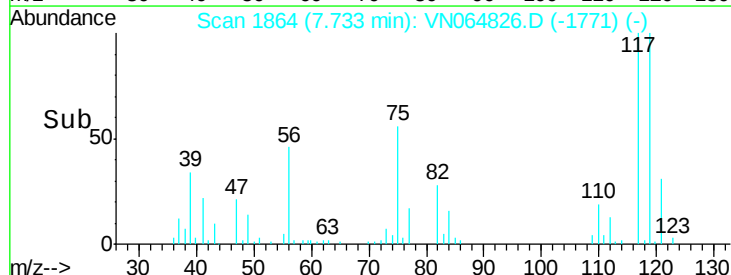
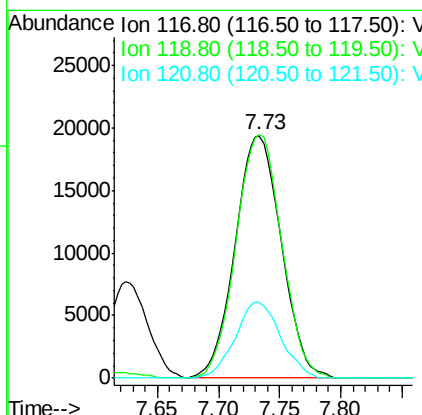
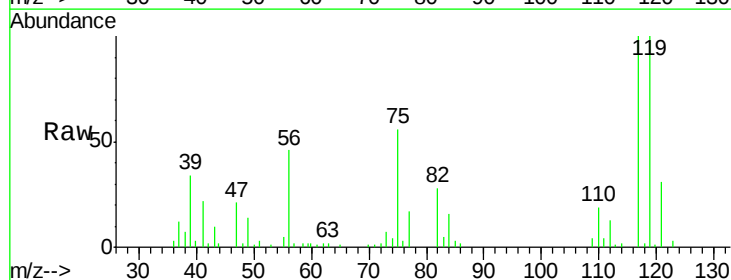
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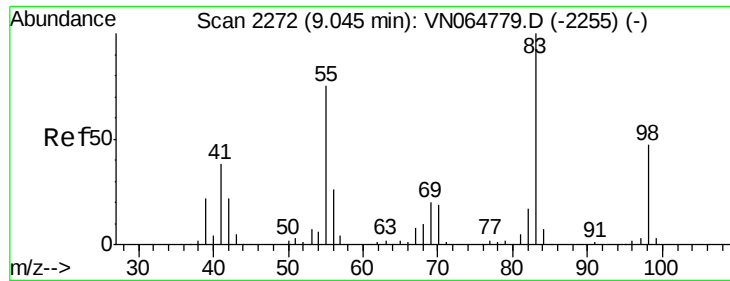
MMDadoda
11/25/2020 9:52:00 AM



#38
Carbon Tetrachloride
Concen: 17.600 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.3	76.7	115.1
121	31.2	25.4	38.2





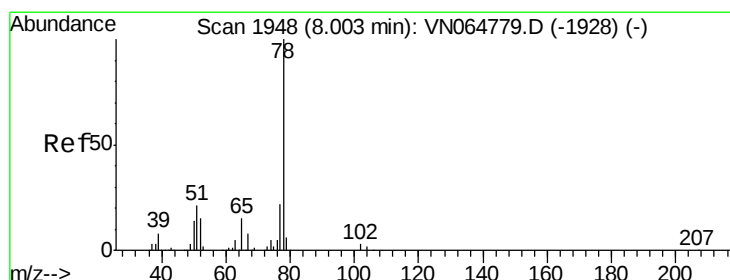
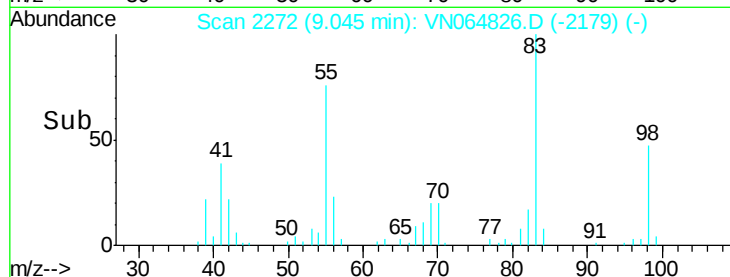
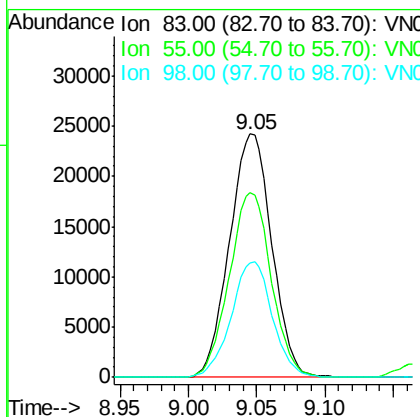
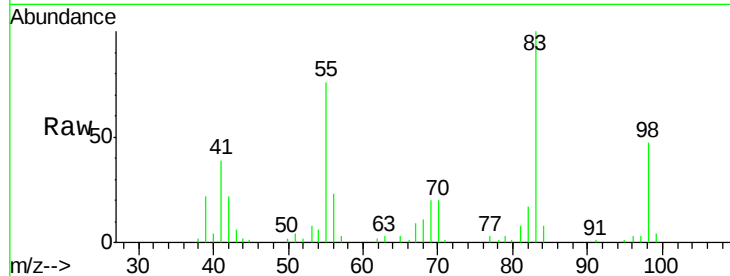
#39
Methvlcvclohexane
Concen: 17.426 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	60.2	90.2
98	46.9	37.4	56.2

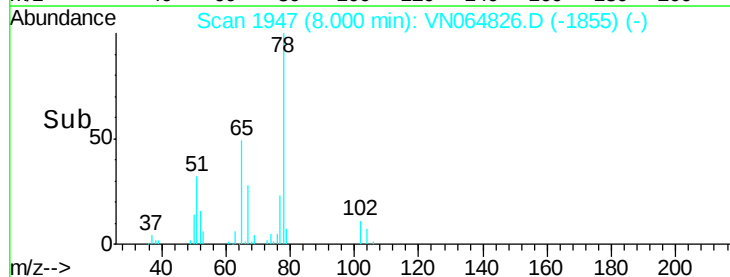
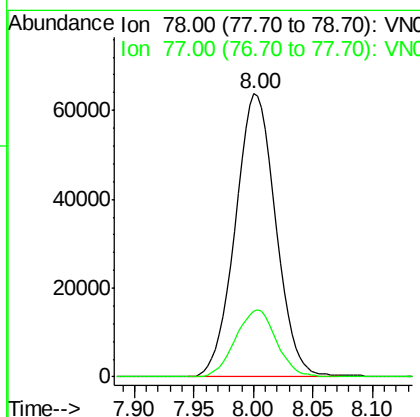
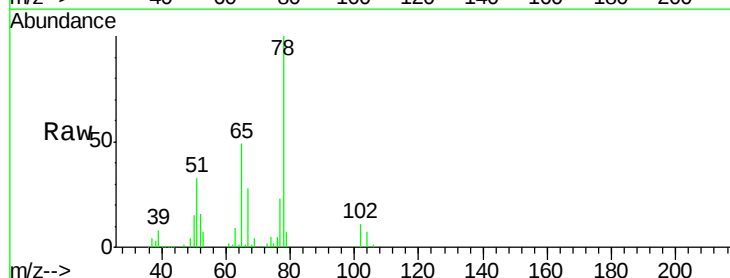
Manual Integrations
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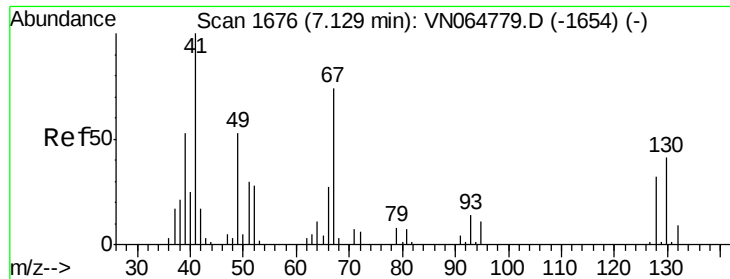
MMDadoda
11/25/2020 9:52:00 AM



#40
Benzene
Concen: 17.654 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	17.9	26.9





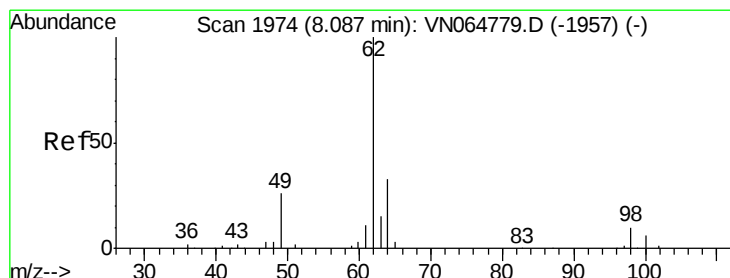
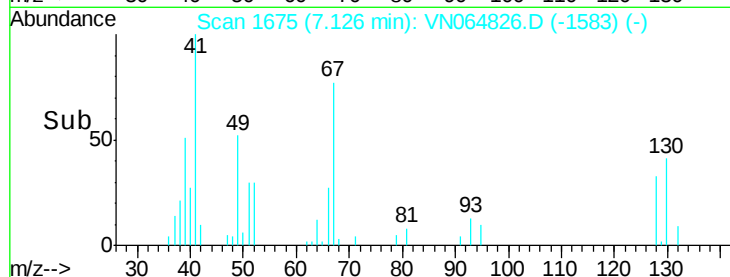
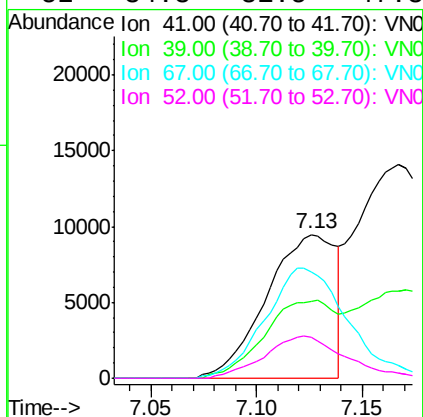
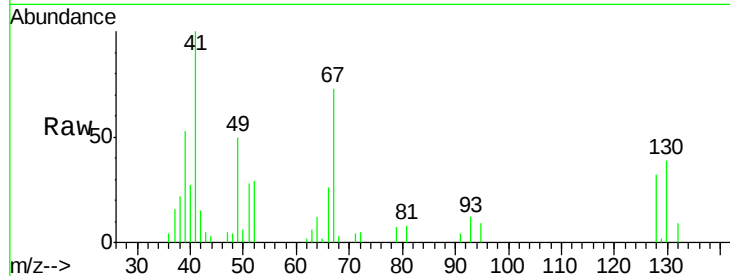
#41
Methacrylonitrile
Concen: 17.465 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion:	41	Resp:	21560
Ion	Ratio	Lower	Upper
41	100		
39	54.9	51.0	76.6
67	91.5	79.8	119.8
52	34.3	31.5	47.3

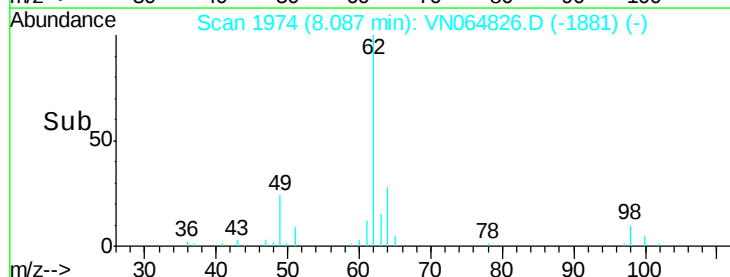
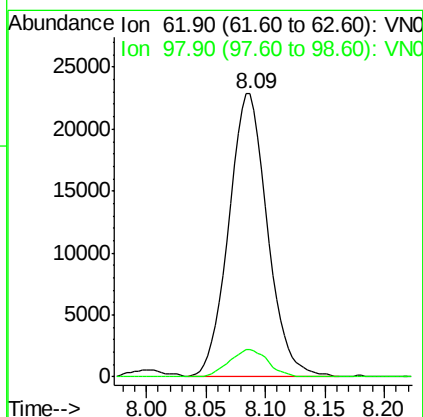
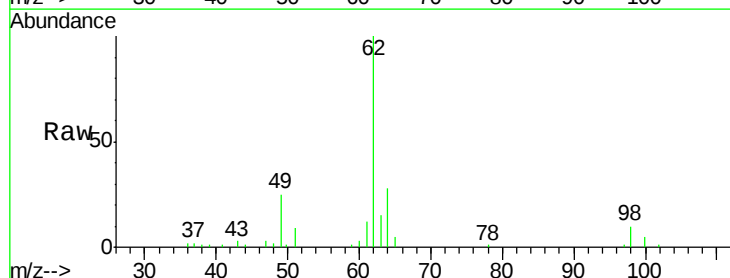
Manual Integrations
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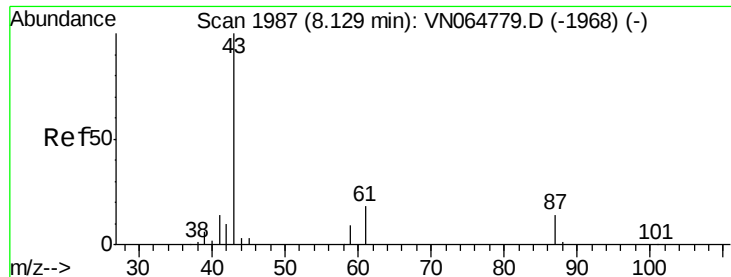
MMDadoda
11/25/2020 9:52:00 AM



#42
1,2-Dichloroethane
Concen: 17.969 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion:	62	Resp:	51593
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.6





#43

Isopropyl Acetate

Concen: 17.123 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

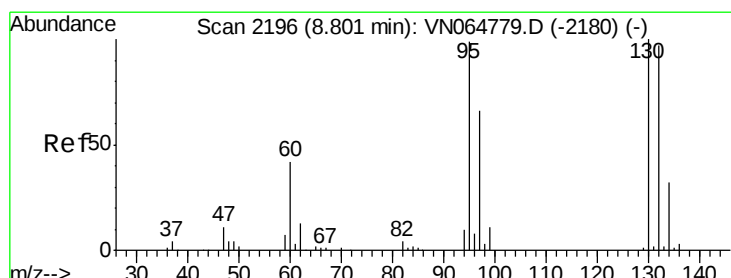
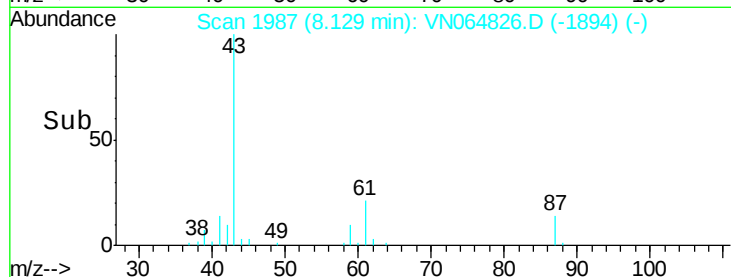
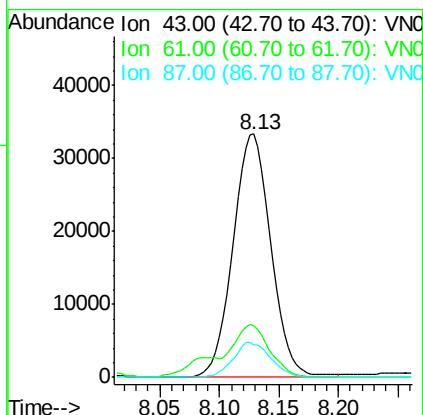
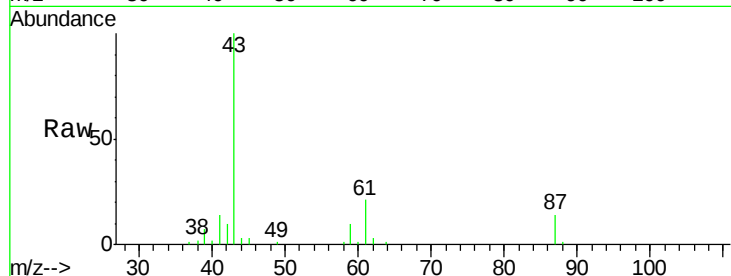
ClientSampleId :

VN1124WBS02

Tot Ion:	43	Resp:	73716
Ion	Ratio	Lower	Upper
43	100		
61	20.9	17.2	25.8
87	14.3	11.4	17.0

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MMDadoda
11/25/2020 9:52:00 AM



#44

Trichloroethene

Concen: 17.249 ug/l

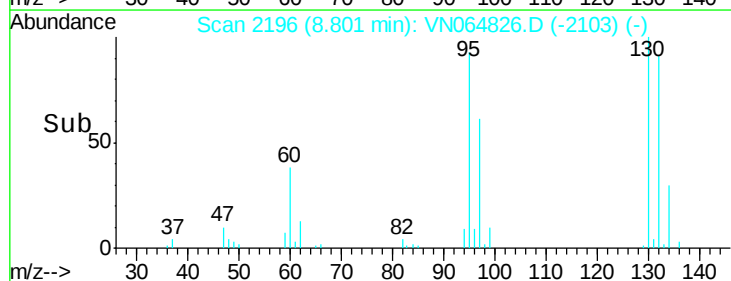
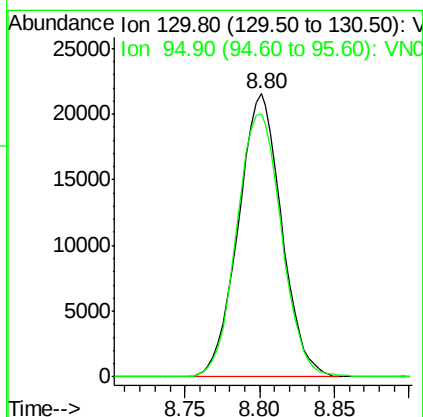
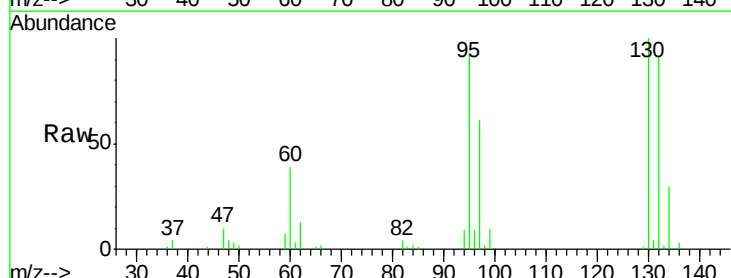
RT: 8.80 min Scan# 2196

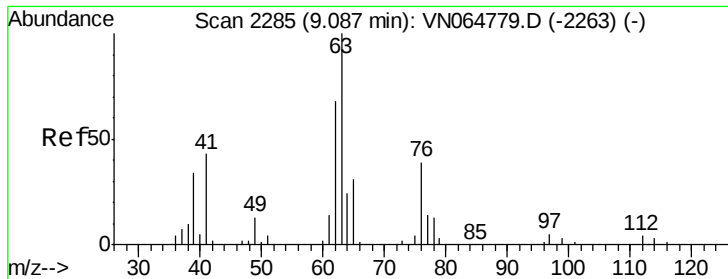
Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Tgt Ion:	130	Resp:	43317
Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	197.8





#45

1,2-Dichloropropane

Concen: 18.029 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

Tot Ion: 63 Resp: 39738

Ion Ratio Lower Upper

63 100

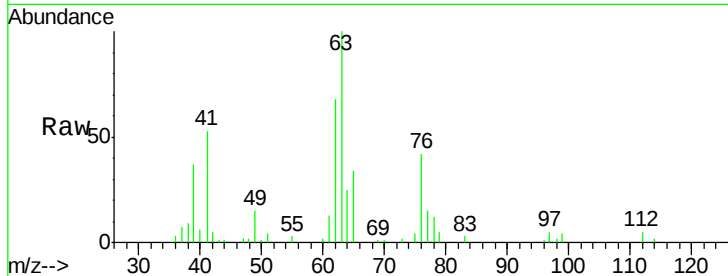
65 33.9 25.0 37.4

Manual Integrations

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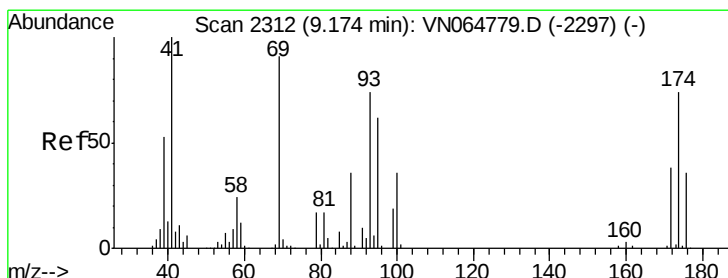
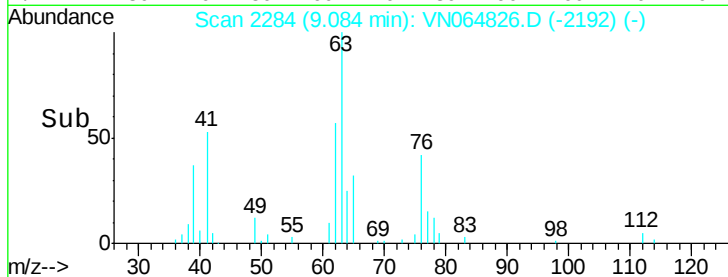
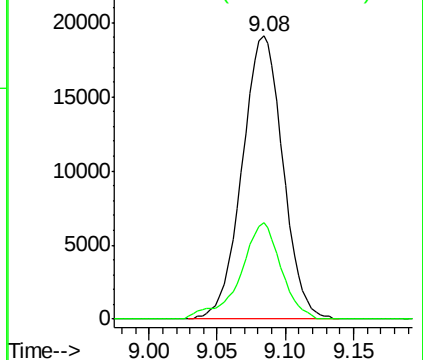
MMDadoda

11/25/2020 9:52:00 AM



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 17.925 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

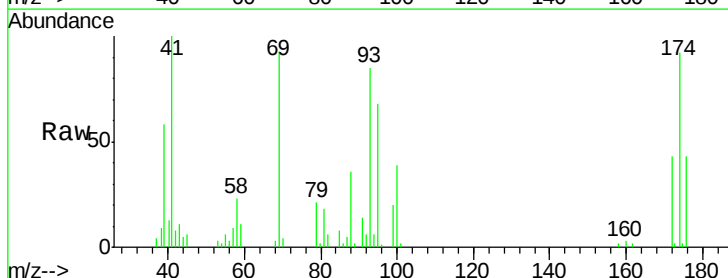
Tgt Ion: 93 Resp: 26394

Ion Ratio Lower Upper

93 100

95 81.3 68.8 103.2

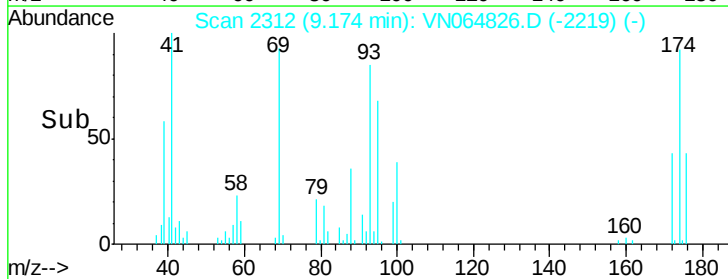
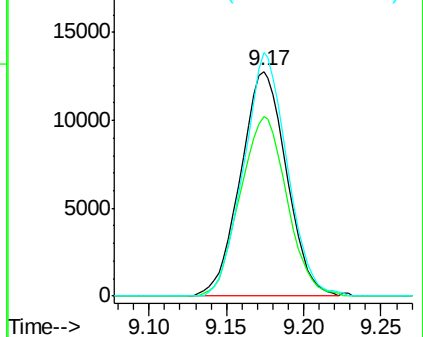
174 102.7 83.1 124.7

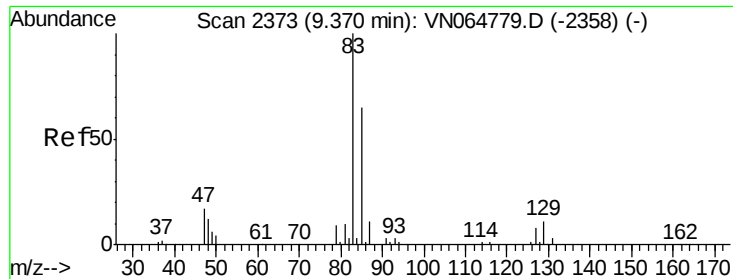


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





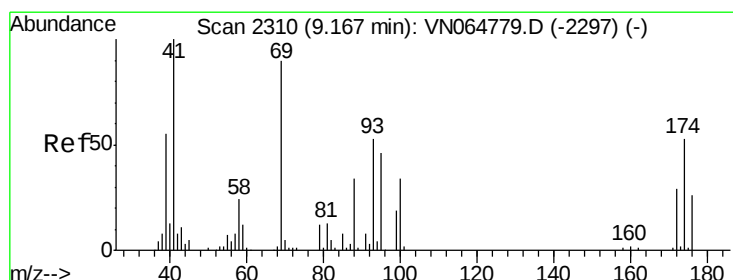
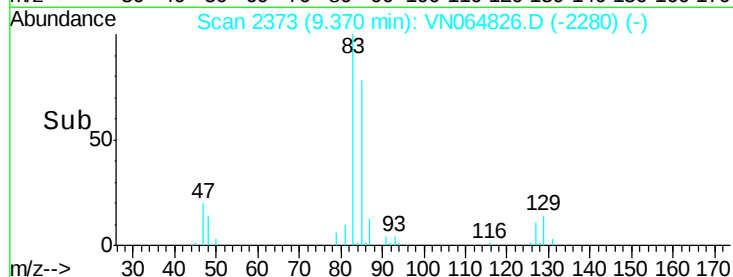
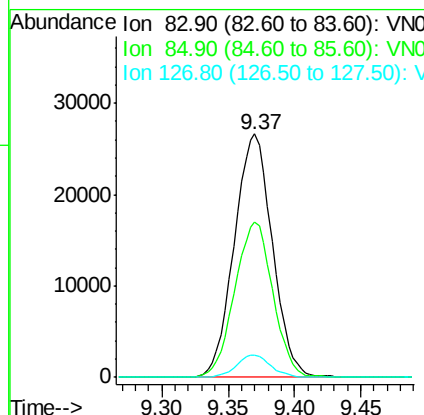
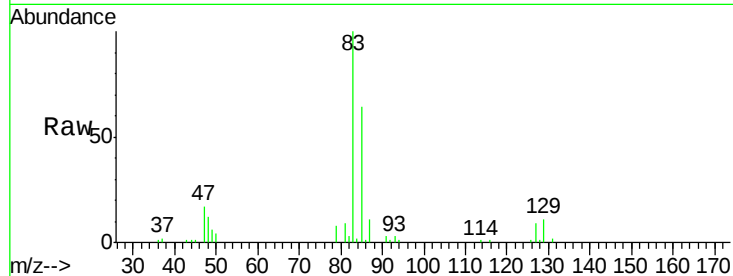
#47
Bromodichloromethane
Concen: 17.899 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion	83	Resp	53032
Ion Ratio	100	Lower	Upper
83	100		
85	63.8	51.8	77.8
127	9.1	6.8	10.2

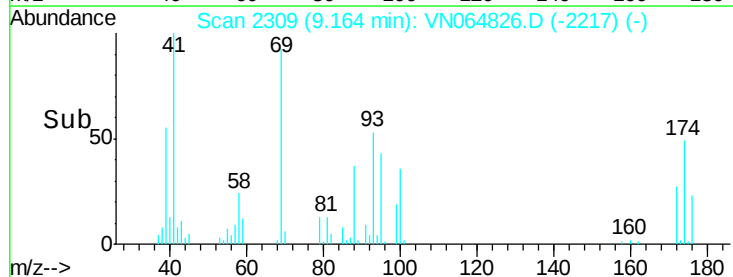
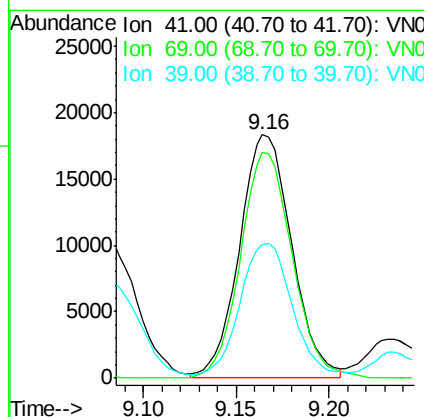
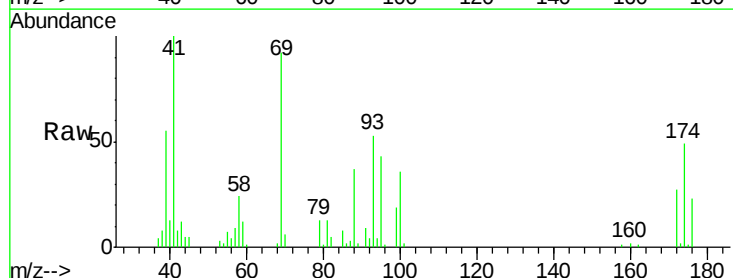
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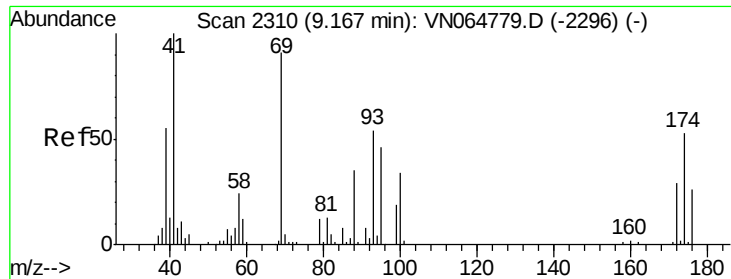
MMDadoda
11/25/2020 9:52:00 AM



#48
Methyl methacrylate
Concen: 17.485 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion	41	Resp	35969
Ion Ratio	100	Lower	Upper
41	100		
69	91.6	71.8	107.8
39	53.5	44.1	66.1





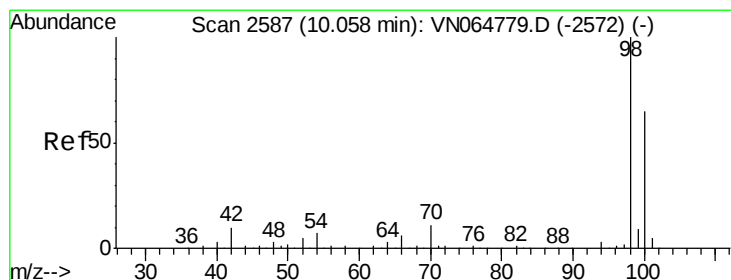
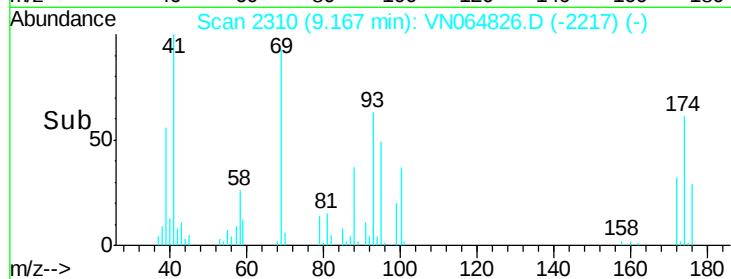
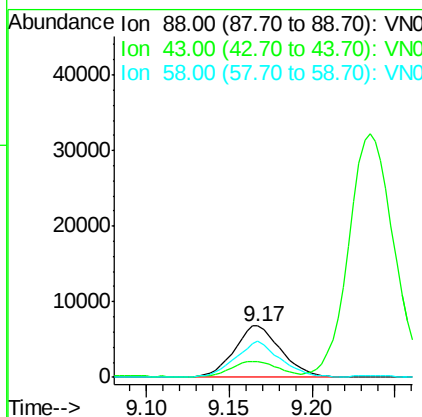
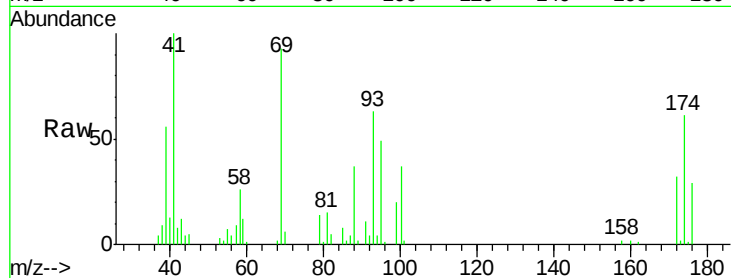
#49
1,4-Dioxane
Concen: 341.280 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	24.2	36.4
58	67.3	52.5	78.7

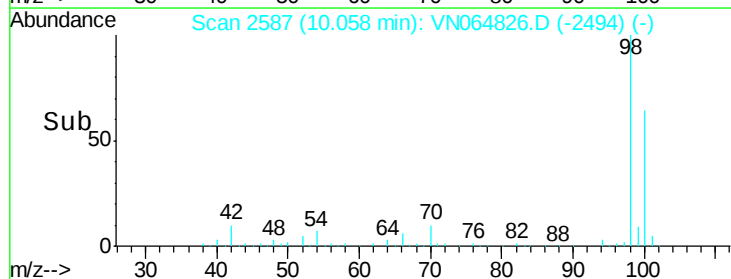
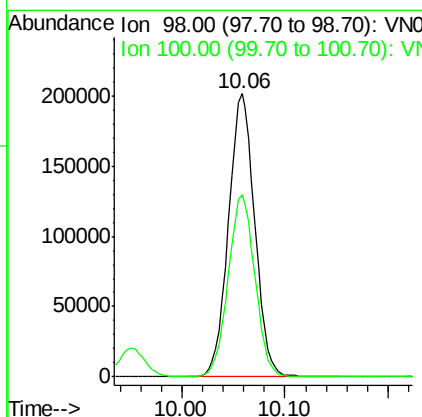
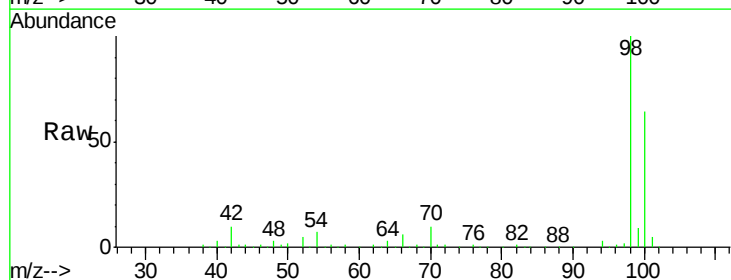
Manual Integrations
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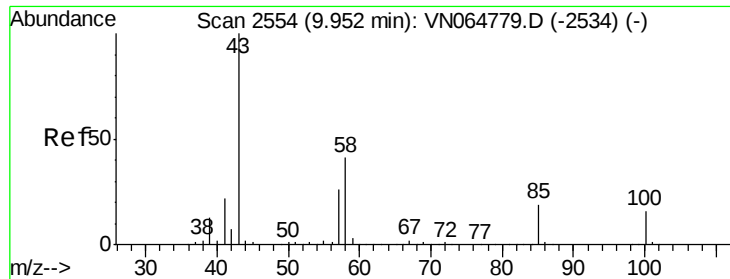
MMDadoda
11/25/2020 9:52:00 AM



#50
Toluene-d8
Concen: 48.844 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 88.750 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

Tot Ion: 43 Resp: 229378

Ion Ratio Lower Upper

43 100

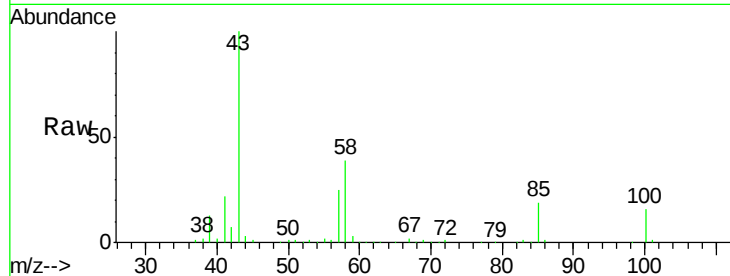
58 40.1 32.4 48.6

Manual Integrations

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MMDadoda

11/25/2020 9:52:00 AM



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

9.95

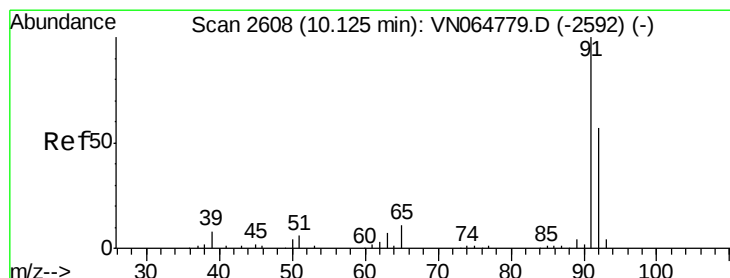
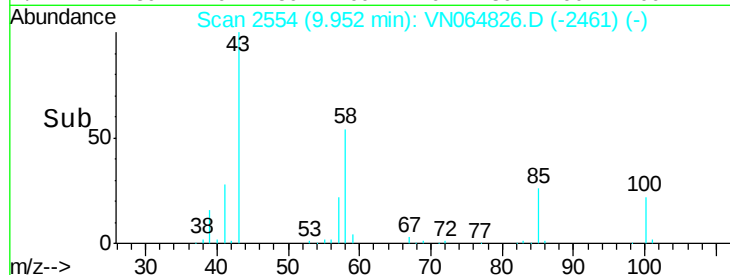
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.343 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064826.D

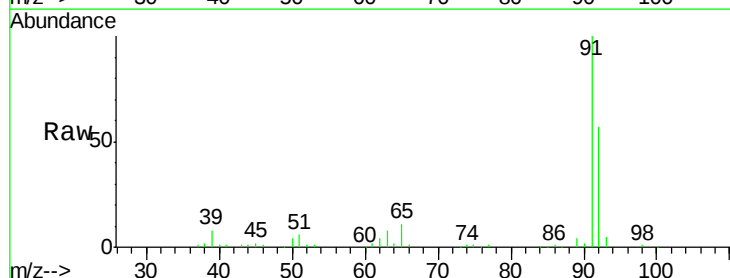
Acq: 24 Nov 2020 22:17

Tgt Ion: 92 Resp: 96144

Ion Ratio Lower Upper

92 100

91 171.7 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

10.12

100000

80000

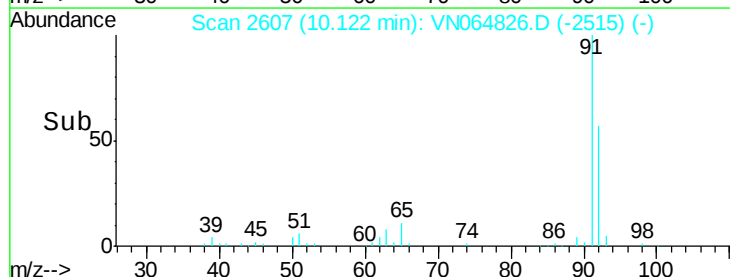
60000

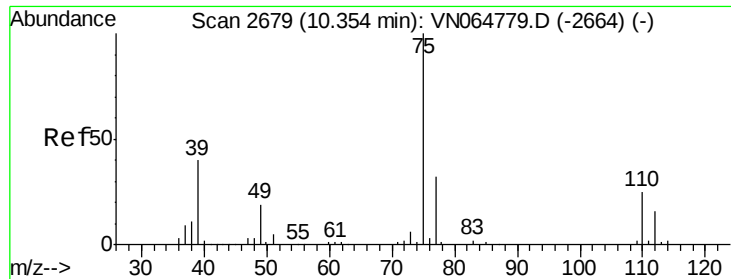
40000

20000

0

Time-->





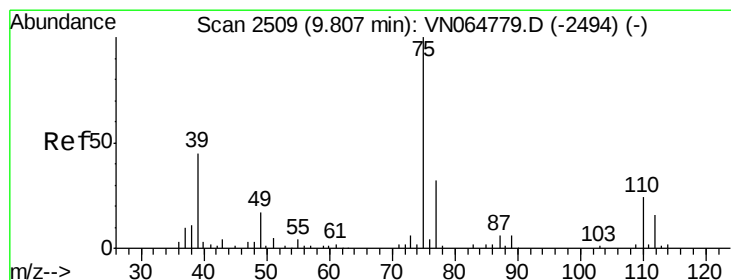
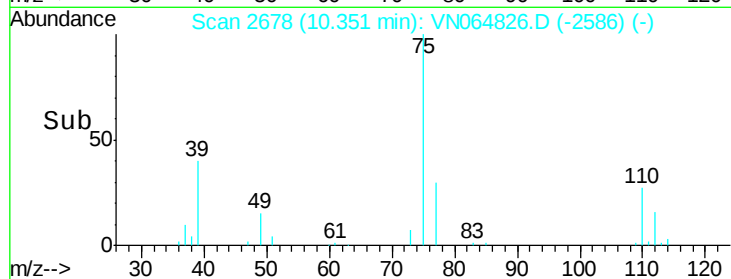
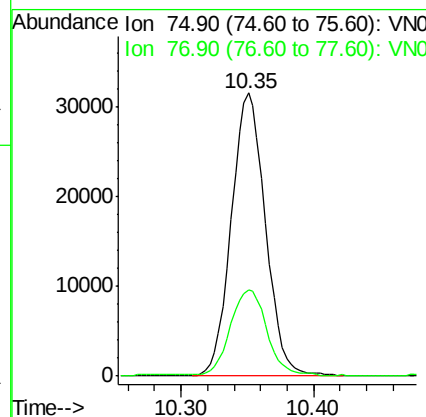
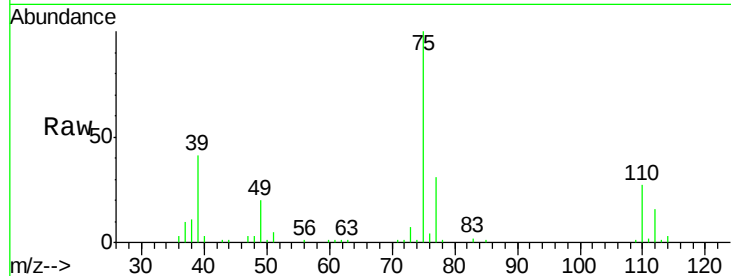
#53
t-1,3-Dichloropropene
Concen: 17.082 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion: 75 Resp: 56370
Ion Ratio Lower Upper
75 100
77 30.1 25.8 38.6

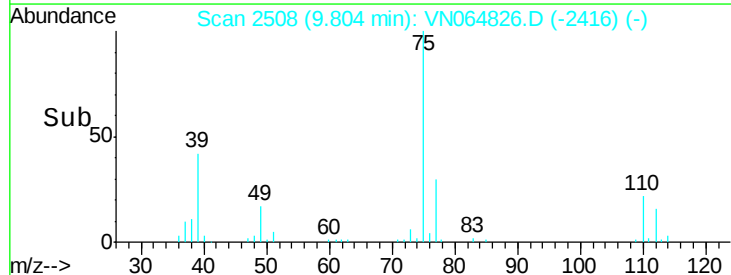
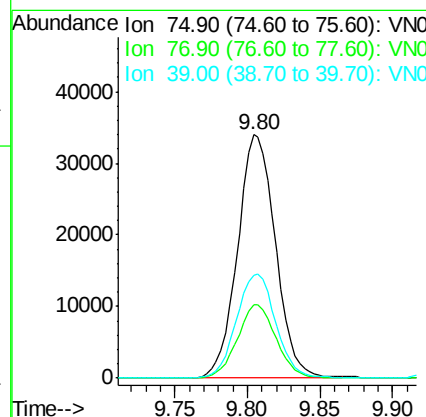
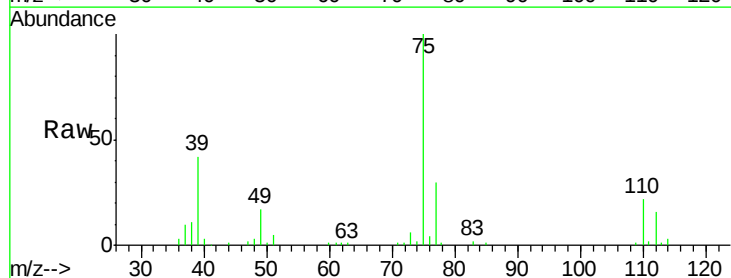
Manual Integrations
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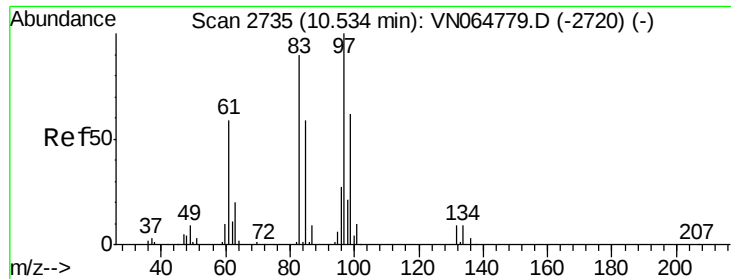
MMDadoda
11/25/2020 9:52:00 AM



#54
cis-1,3-Dichloropropene
Concen: 17.462 ug/l
RT: 9.80 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion: 75 Resp: 61764
Ion Ratio Lower Upper
75 100
77 30.3 25.5 38.3
39 42.2 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 17.799 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

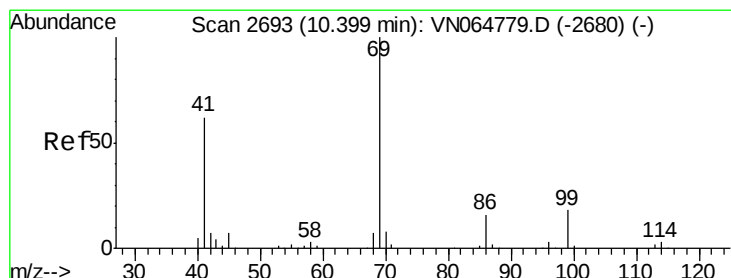
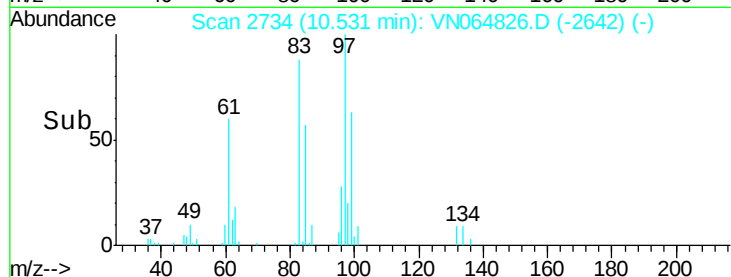
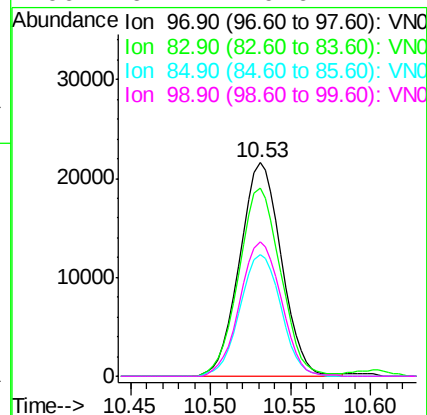
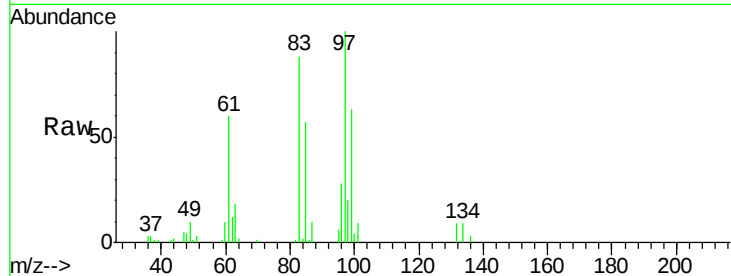
ClientSampleId :

VN1124WBS02

Tot Ion:	97	Resp:	38362
Ion	Ratio	Lower	Upper
97	100		
83	88.2	72.1	108.1
85	57.0	46.8	70.2
99	62.7	49.6	74.4

Manual Integrations
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MMDadoda
11/25/2020 9:52:00 AM



#56

Ethyl methacrylate

Concen: 17.878 ug/l

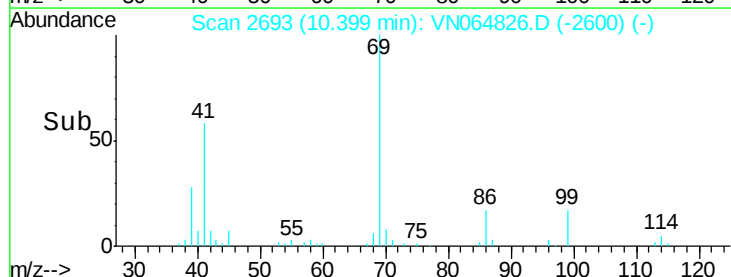
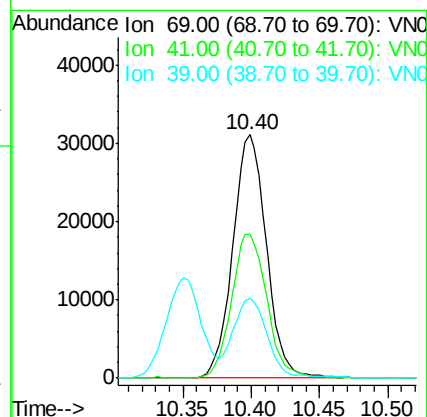
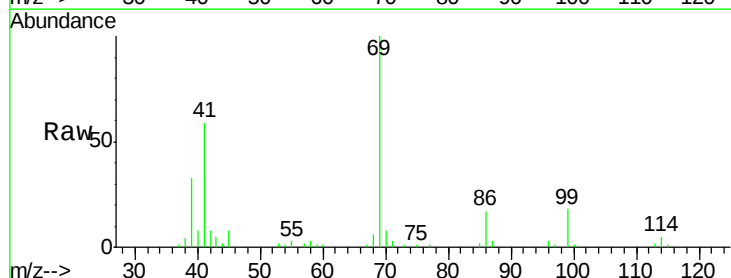
RT: 10.40 min Scan# 2693

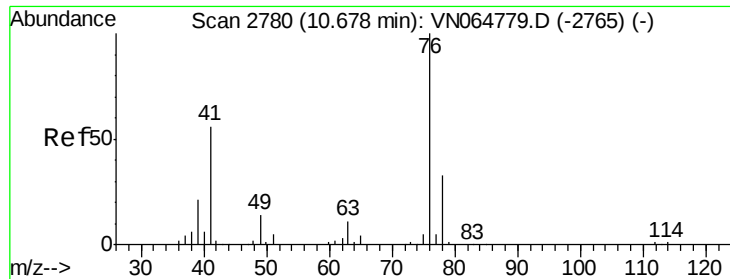
Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Tgt Ion:	69	Resp:	53175
Ion	Ratio	Lower	Upper
69	100		
41	62.1	49.4	74.0
39	32.5	25.9	38.9





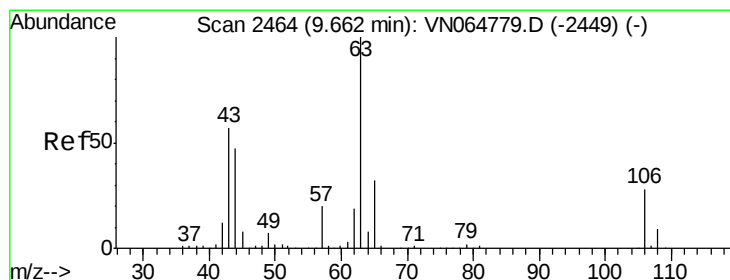
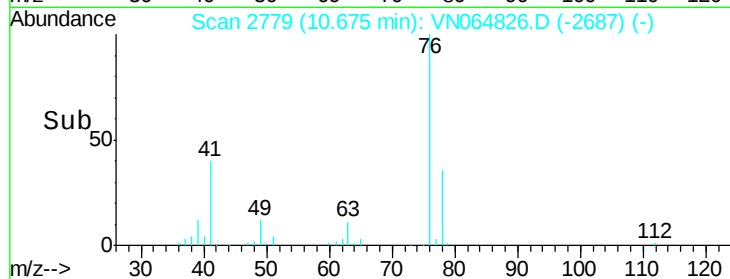
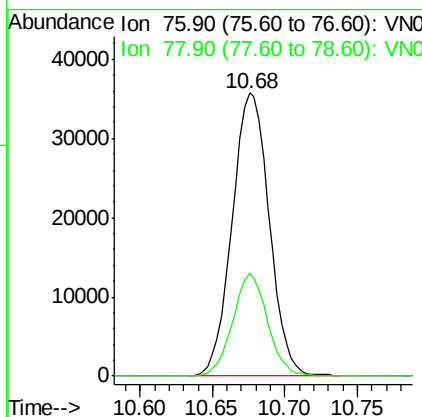
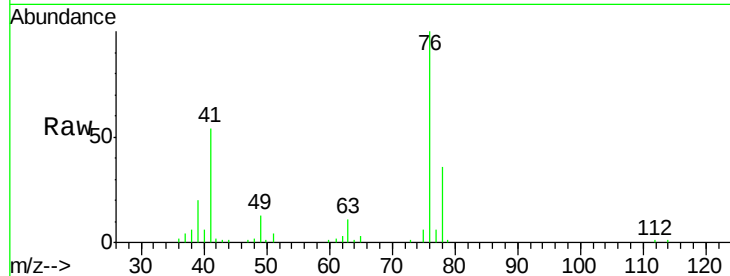
#57
 1,3-Dichloropropane
 Concen: 17.863 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

Tot Ion: 76 Resp: 63511
 Ion Ratio Lower Upper
 76 100
 78 33.9 26.1 39.1

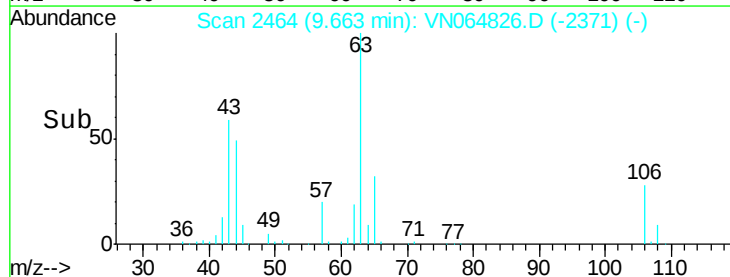
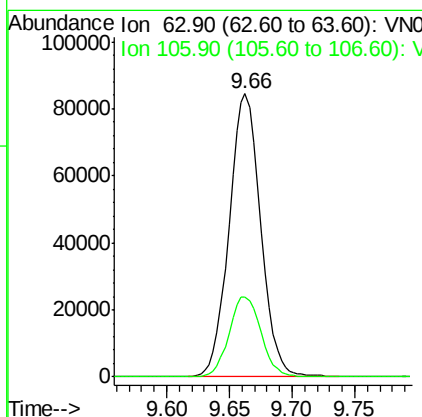
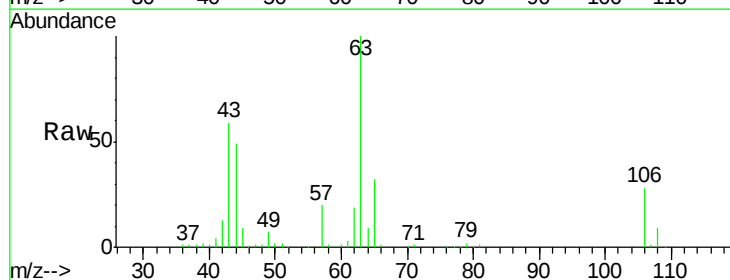
Manual Integrations
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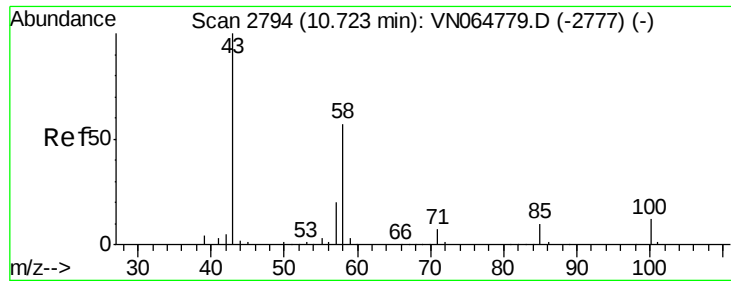
MMDadoda
 11/25/2020 9:52:00 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.168 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Tgt Ion: 63 Resp: 147521
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.7 34.1





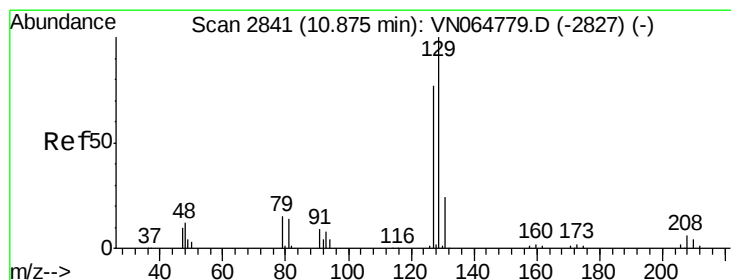
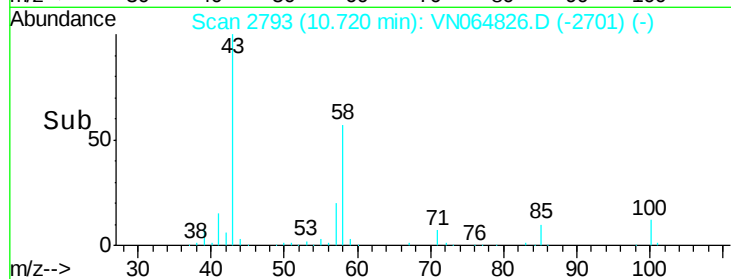
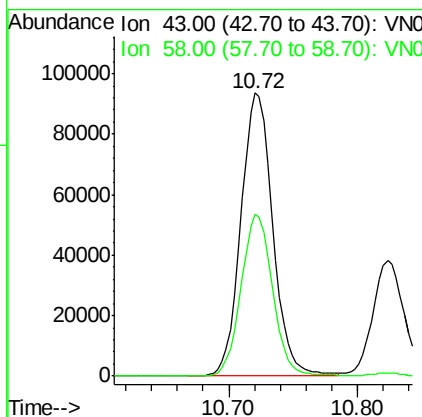
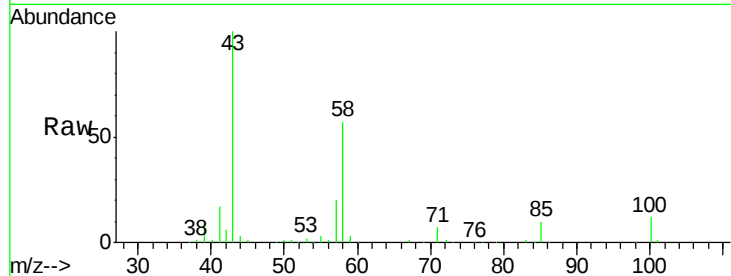
#59
2-Hexanone
Concen: 86.743 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion: 43 Resp: 161347
Ion Ratio Lower Upper
43 100
58 56.3 28.3 84.9

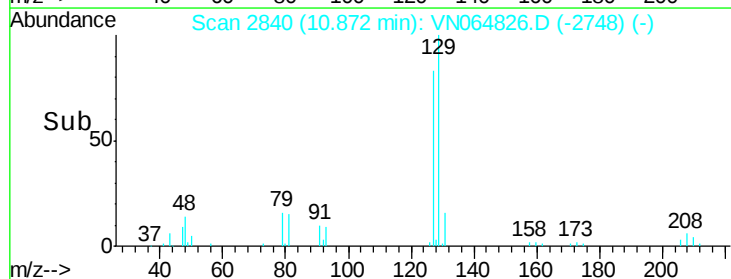
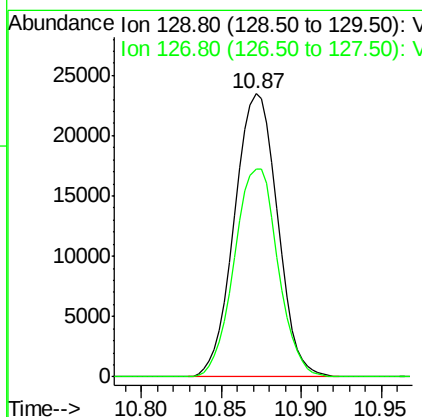
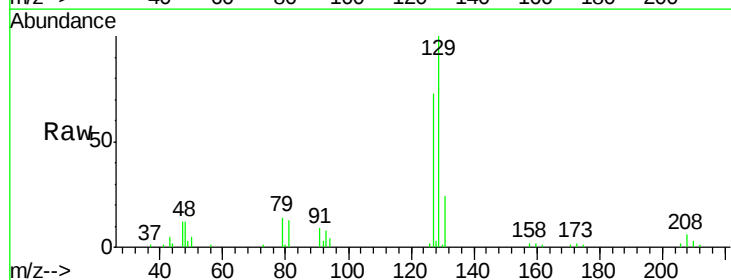
Manual Integrations
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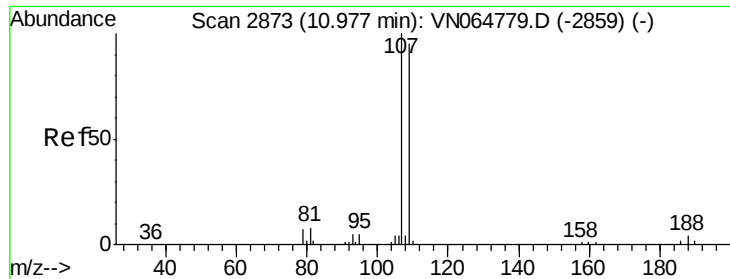
MMDadoda
11/25/2020 9:52:00 AM



#60
Dibromochloromethane
Concen: 18.012 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion: 129 Resp: 43153
Ion Ratio Lower Upper
129 100
127 74.3 39.1 117.2





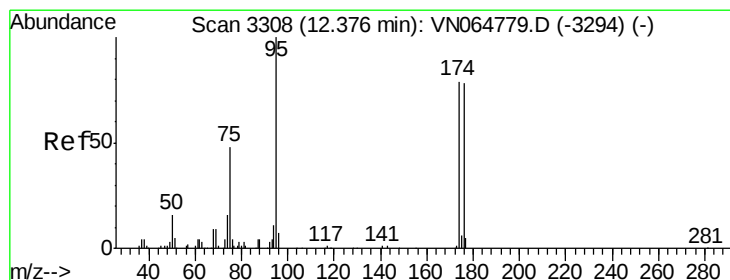
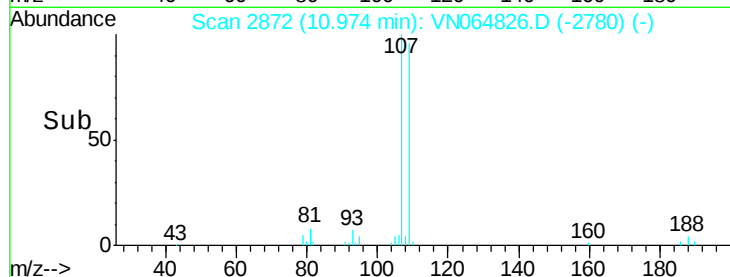
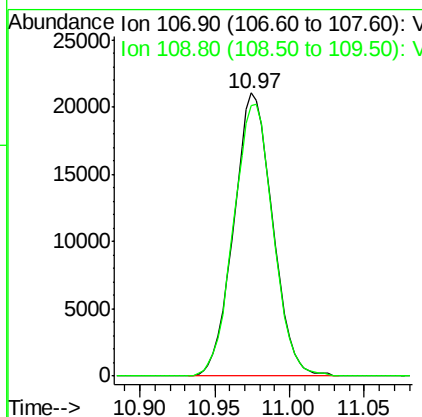
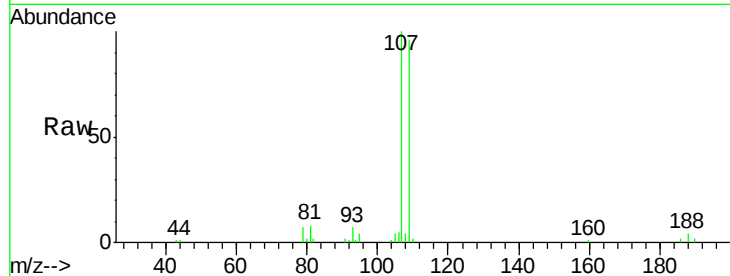
#61
 1,2-Dibromoethane
 Concen: 17.347 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	98.2	76.0	114.0

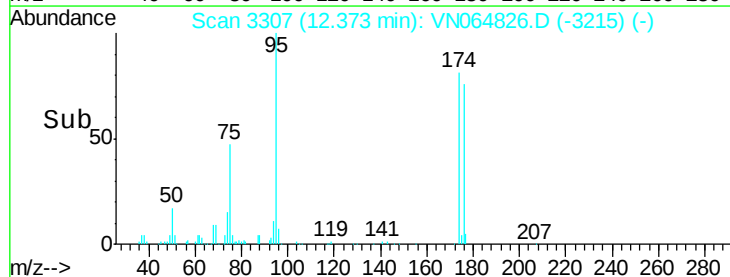
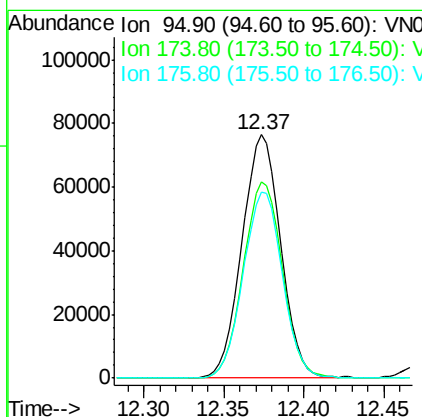
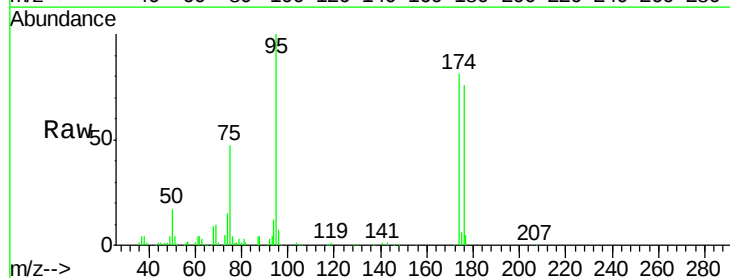
Manual Integrations
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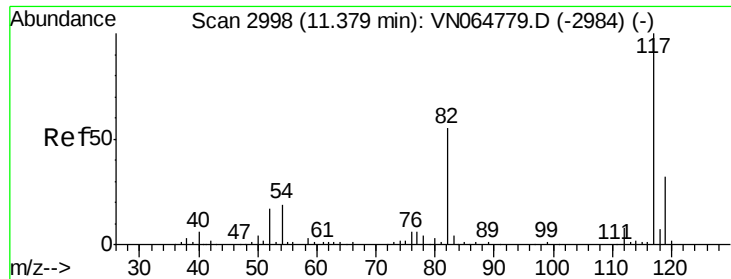
MMDadoda
 11/25/2020 9:52:00 AM



#62
 4-Bromofluorobenzene
 Concen: 48.185 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	160.4
176	78.0	0.0	158.4





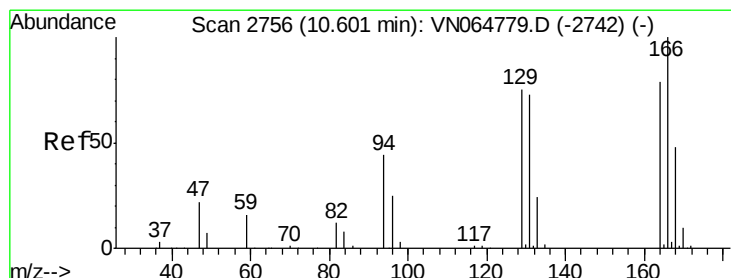
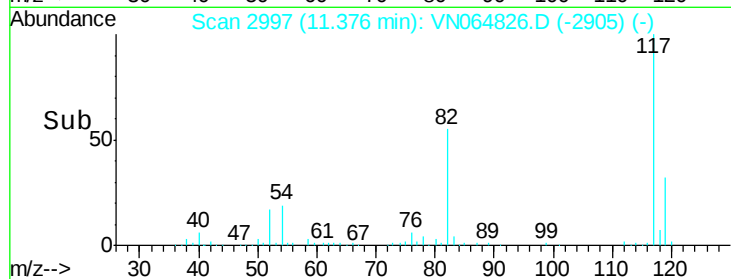
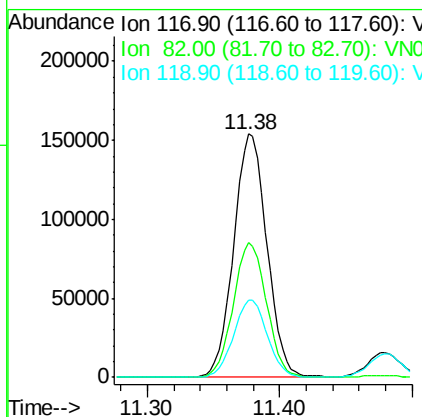
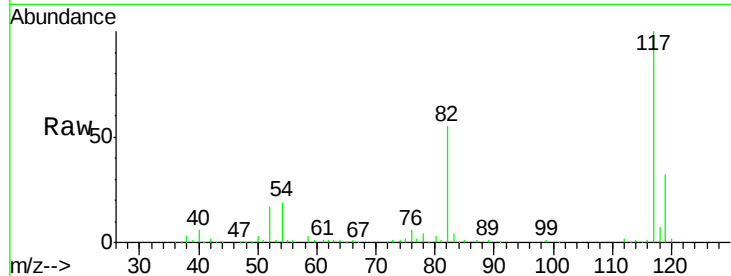
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.2	66.2
119	31.9	25.8	38.6

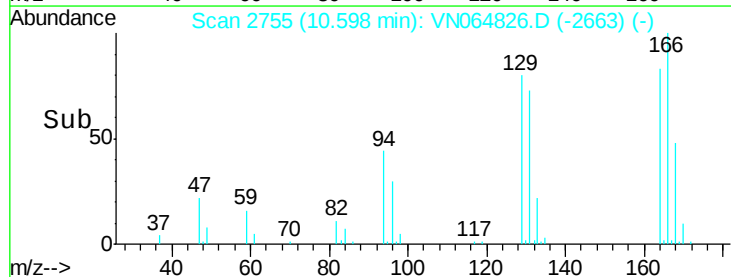
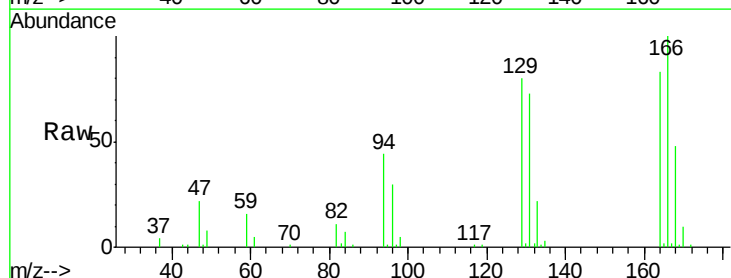
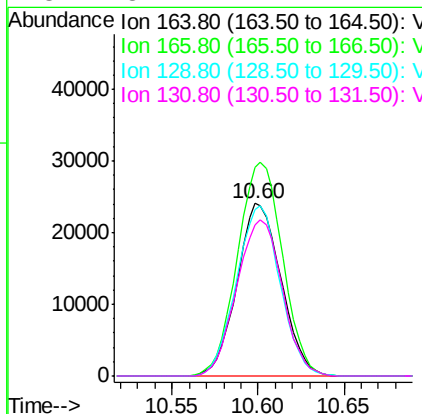
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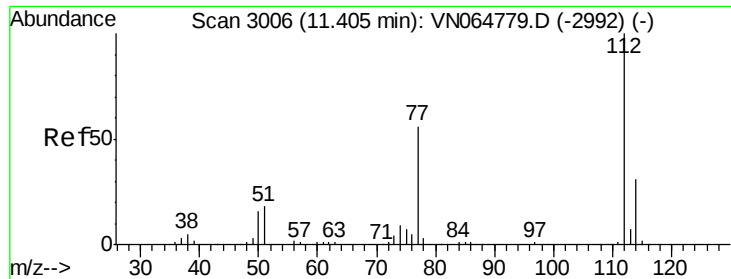
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#64
Tetrachloroethene
Concen: 16.370 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.6	101.4	152.0
129	96.1	76.1	114.1
131	87.7	74.2	111.2





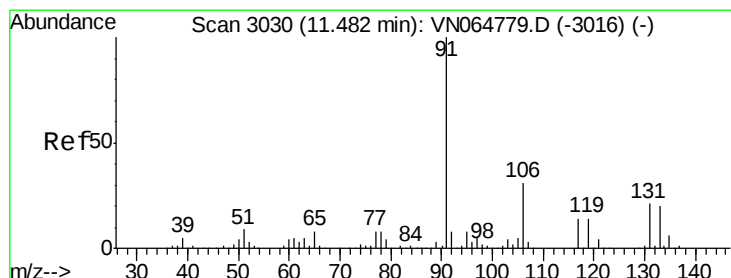
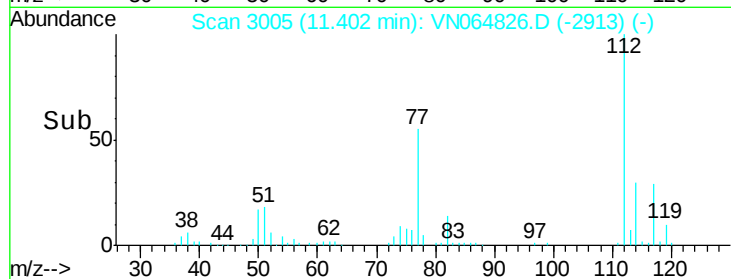
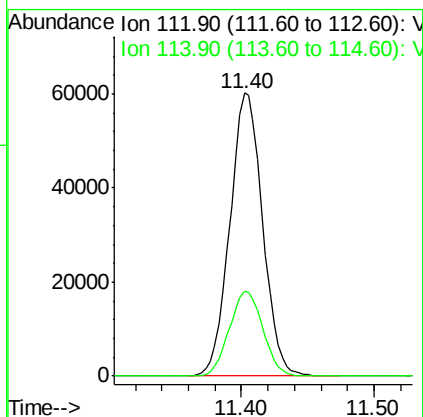
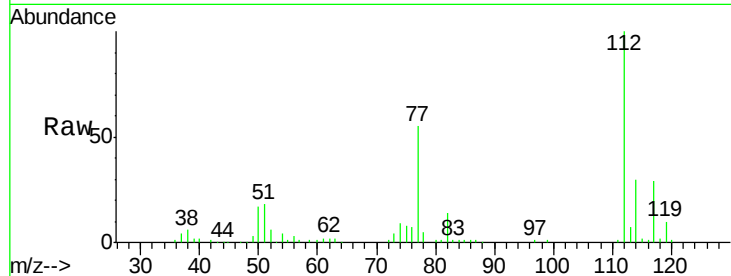
#65
Chlorobenzene
Concen: 17.891 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion:112 Resp: 103005
Ion Ratio Lower Upper
112 100
114 30.0 25.1 37.7

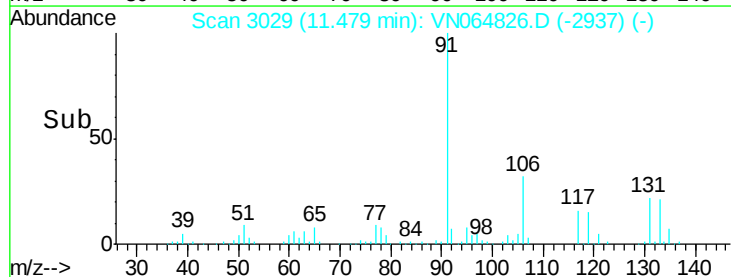
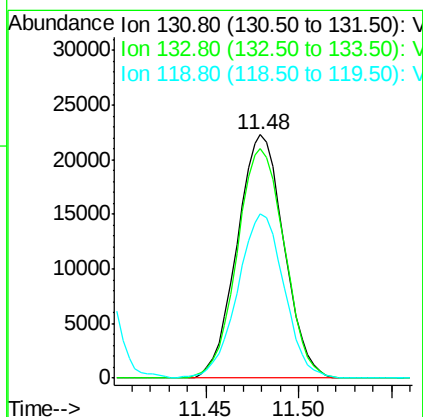
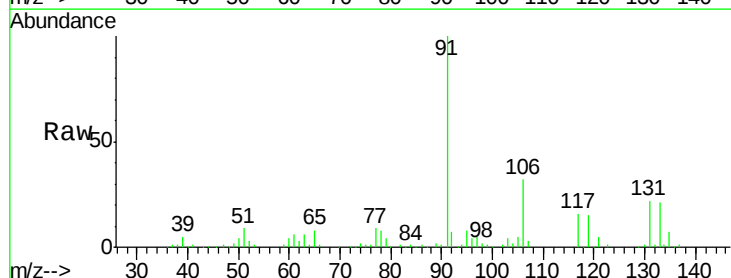
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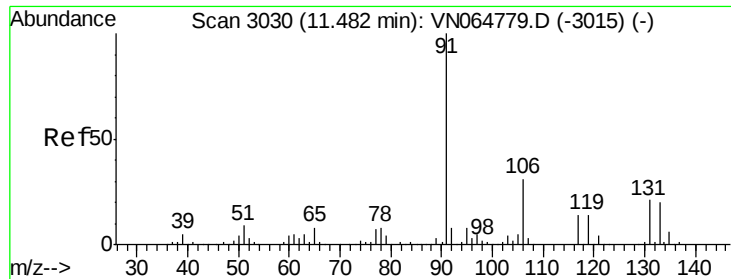
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11/25/2020 9:52:00 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.504 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion:131 Resp: 39151
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 66.9 33.3 99.8





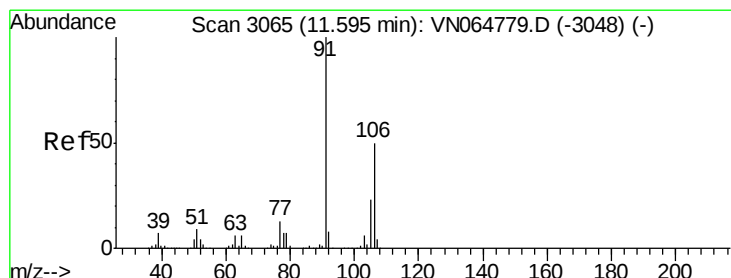
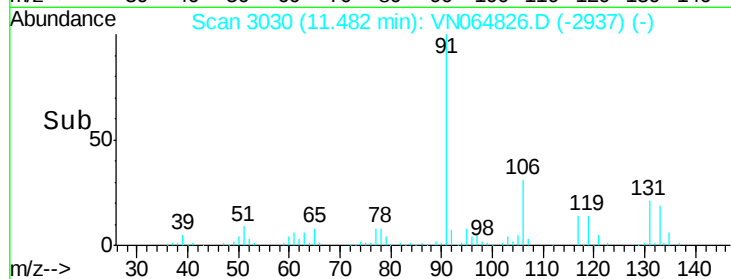
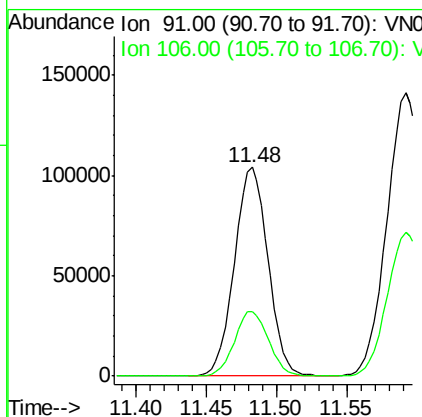
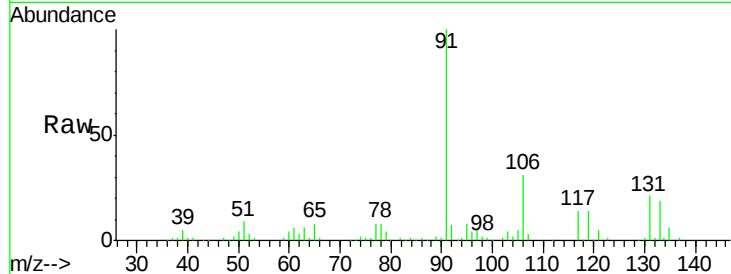
#67
Ethyl Benzene
Concen: 18.104 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion: 91 Resp: 174123
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8

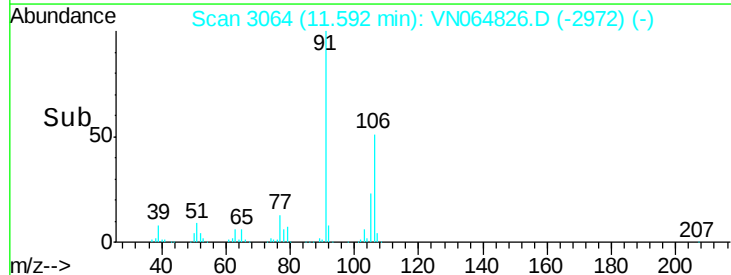
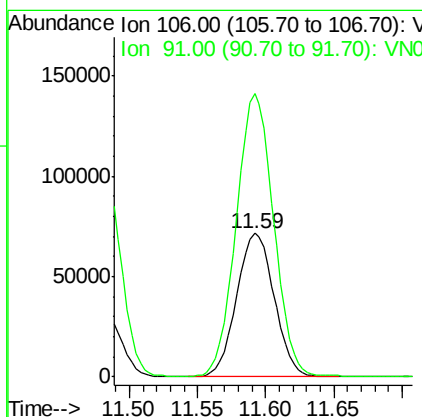
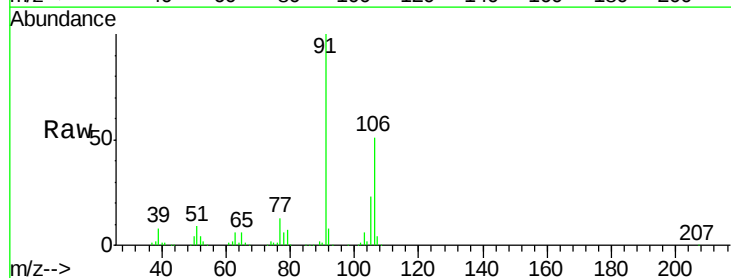
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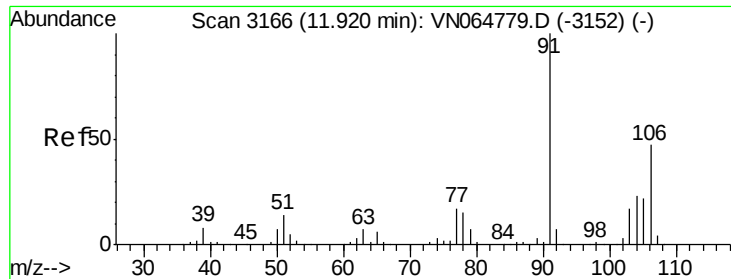
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11/25/2020 9:52:00 AM



#68
m/p-Xylenes
Concen: 37.759 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion: 106 Resp: 137498
Ion Ratio Lower Upper
106 100
91 194.9 161.0 241.4





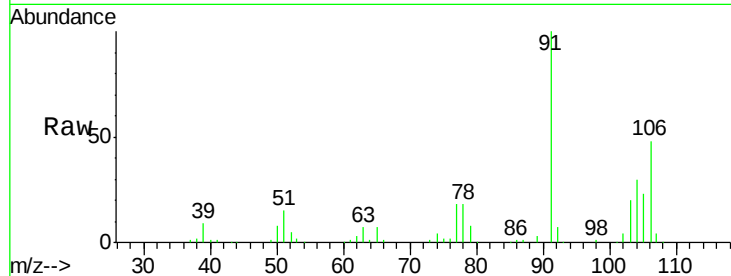
#69
o-Xylene
Concen: 18.542 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

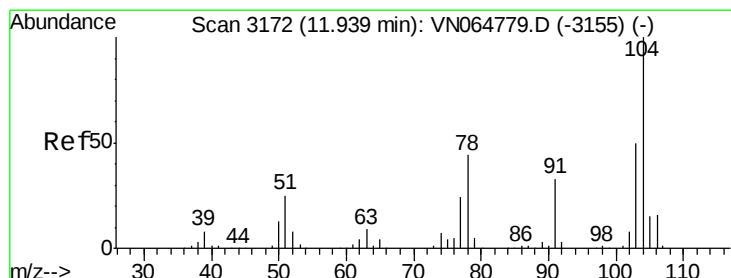
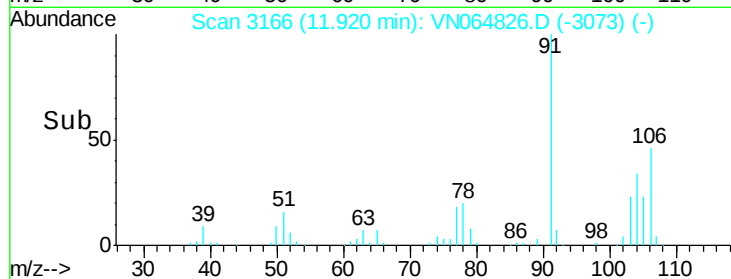
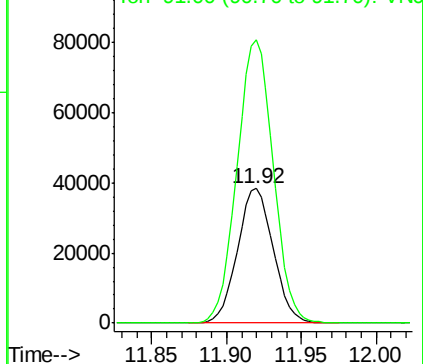
Tot Ion:106 Resp: 64072
Ion Ratio Lower Upper
106 100
91 212.4 105.5 316.5

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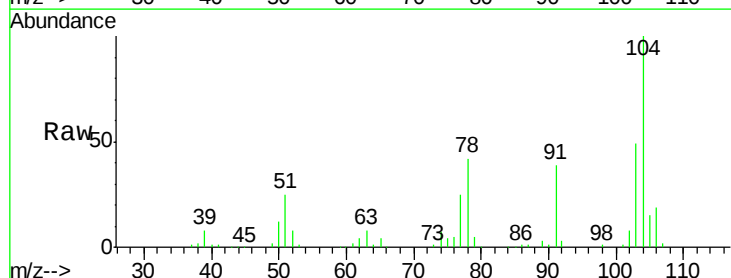


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

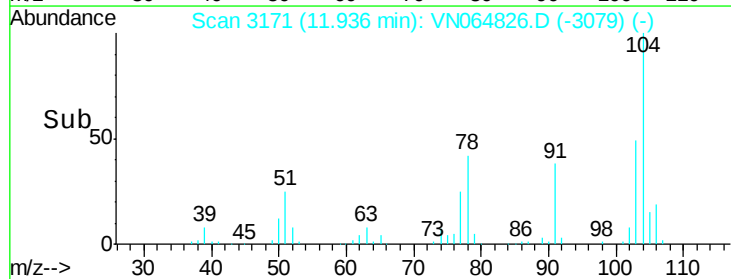
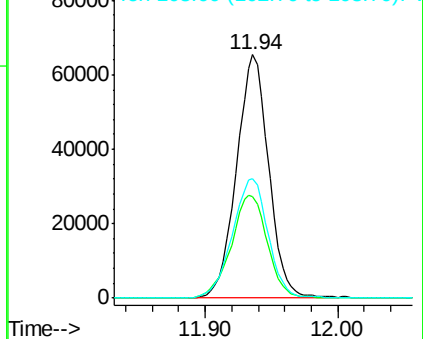


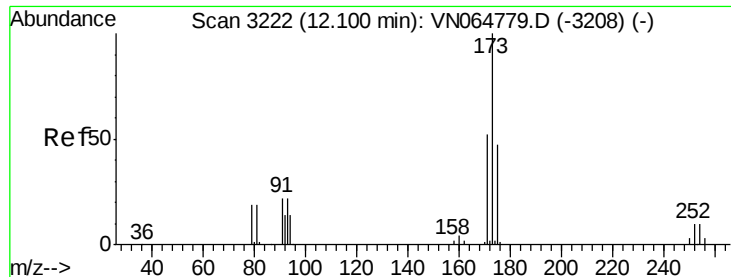
#70
Styrene
Concen: 18.914 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion:104 Resp: 110336
Ion Ratio Lower Upper
104 100
78 47.3 39.0 58.6
103 54.4 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 16.640 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

Tot Ion:173 Resp: 28120

Ion Ratio Lower Upper

173 100

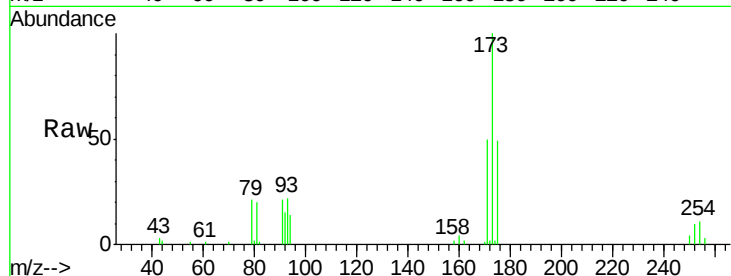
175 49.2 24.3 72.8

254 0.0 0.0 0.0

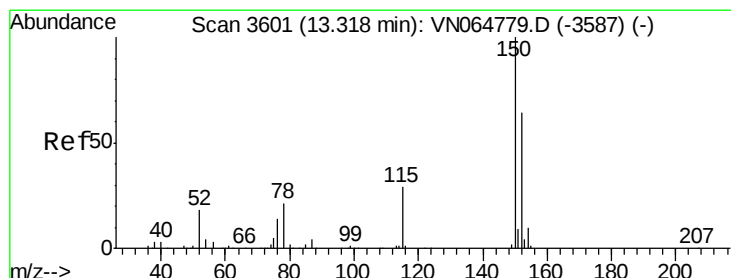
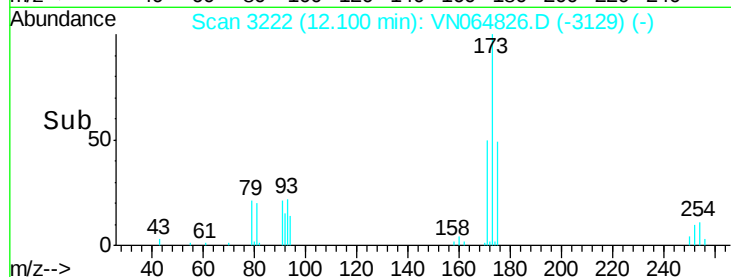
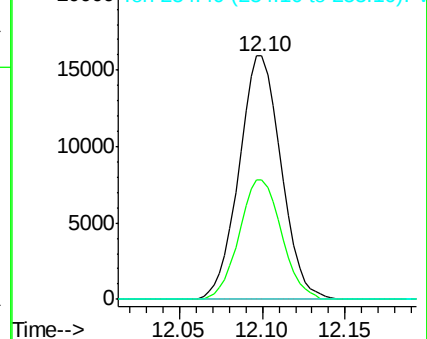
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

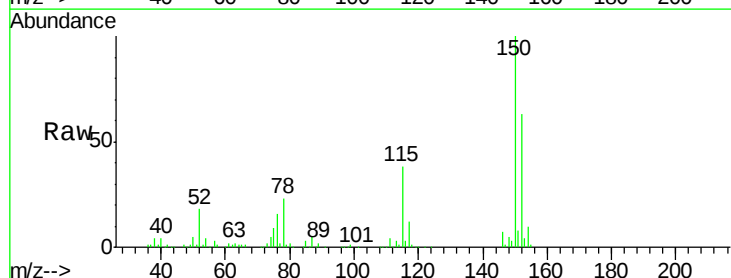
Tgt Ion:152 Resp: 129174

Ion Ratio Lower Upper

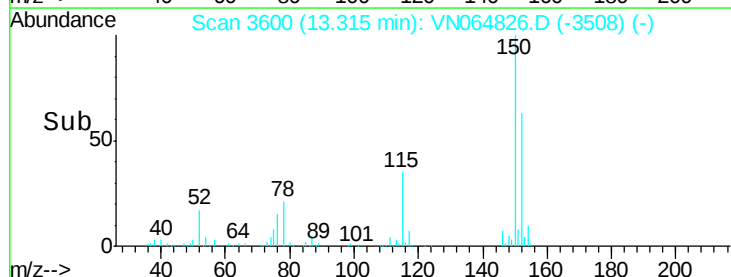
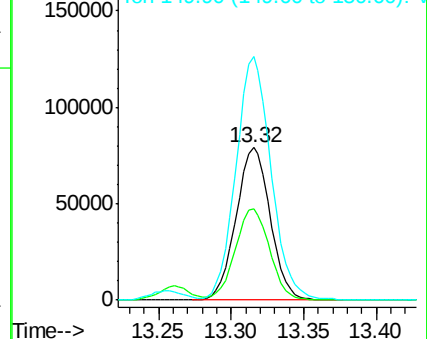
152 100

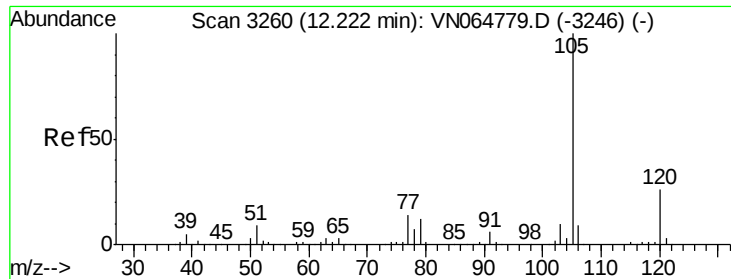
115 60.4 29.7 89.1

150 164.0 0.0 350.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.967 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

Tot Ion: 105 Resp: 170414

Ion Ratio Lower Upper

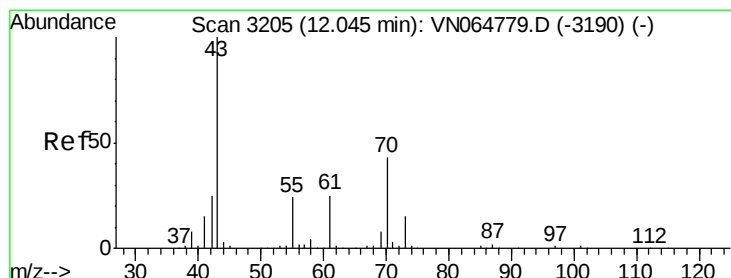
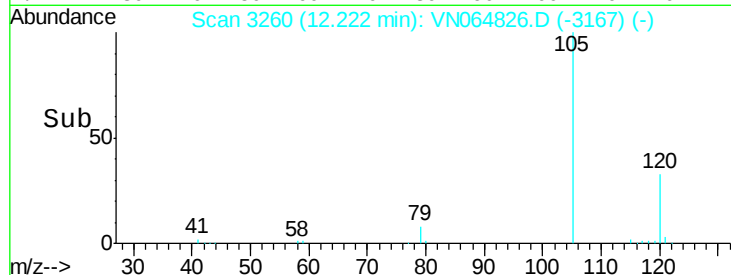
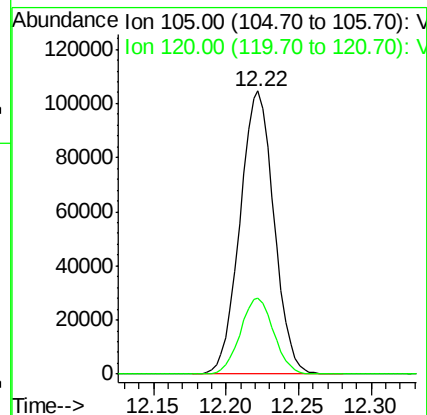
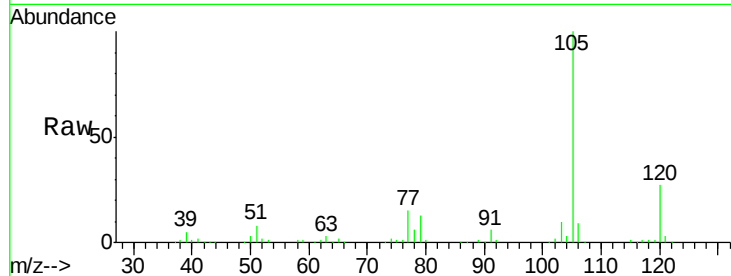
105 100

120 26.5 13.3 39.9

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#74

N-ethyl acetate

Concen: 17.780 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Tgt Ion: 43 Resp: 62870

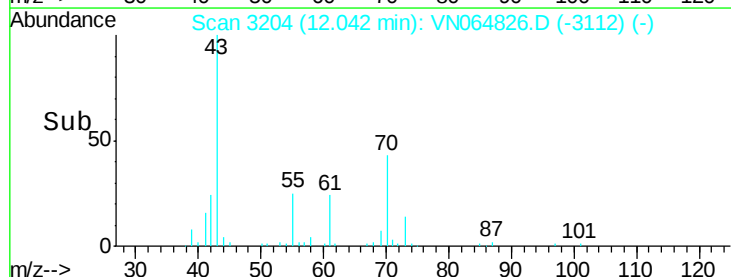
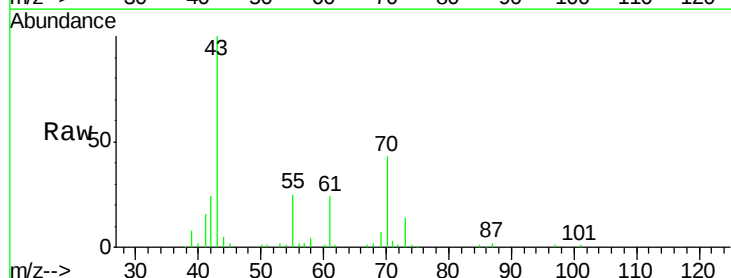
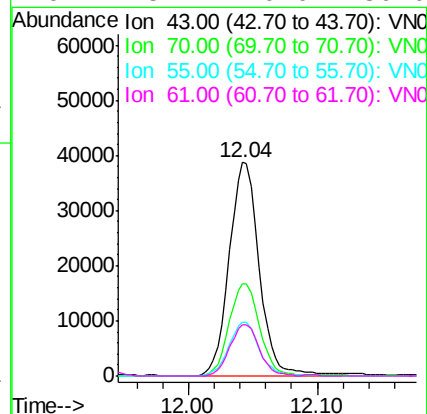
Ion Ratio Lower Upper

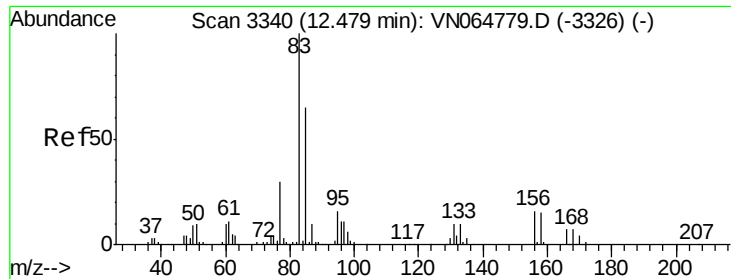
43 100

70 43.5 34.5 51.7

55 25.2 20.4 30.6

61 23.4 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.059 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

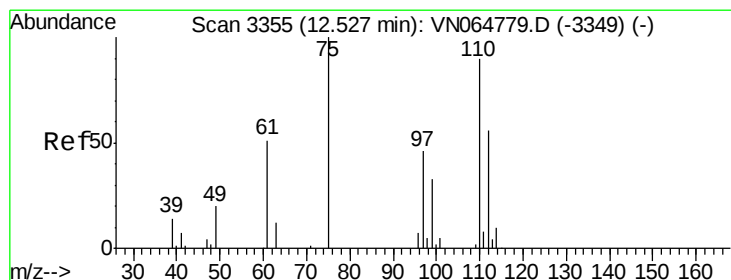
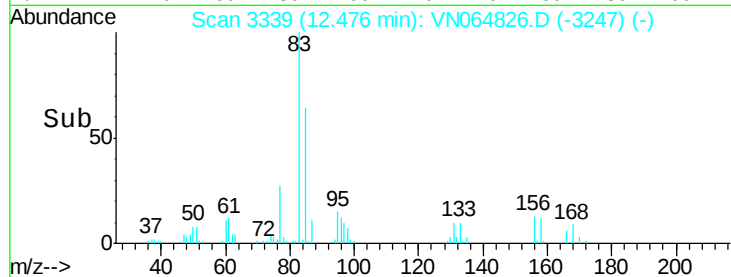
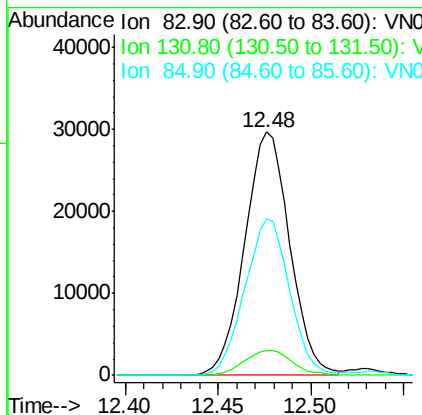
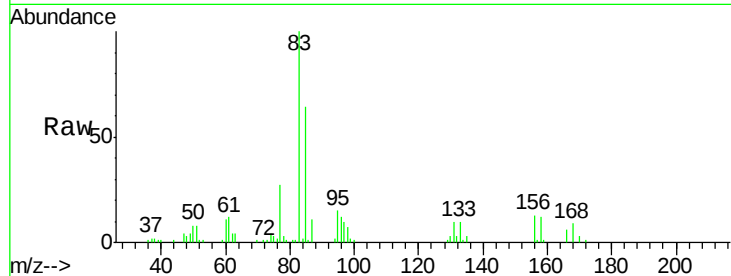
ClientSampleId :

VN1124WBS02

Tot Ion:	83	Resp:	50193
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.1	15.3
85	64.3	33.0	99.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.680 ug/l m

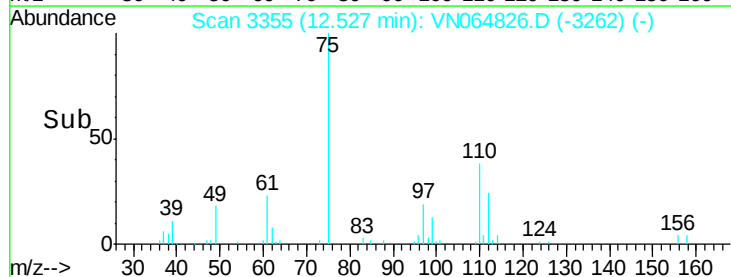
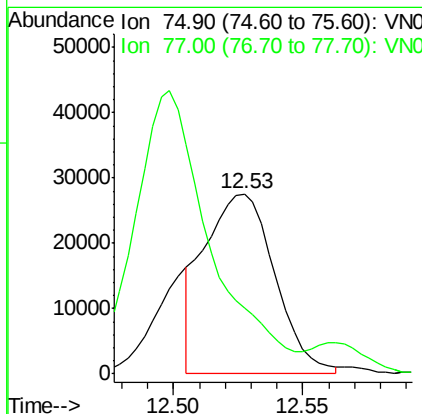
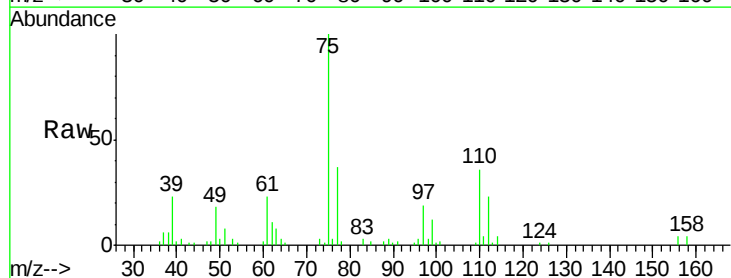
RT: 12.53 min Scan# 3355

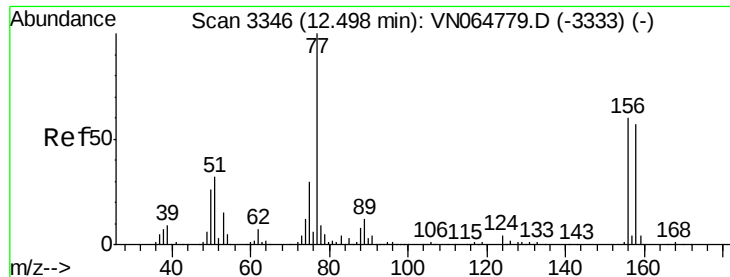
Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Tgt Ion:	75	Resp:	51966
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.406 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

Tot Ion:156 Resp: 44586

Ion Ratio Lower Upper

156 100

77 199.6 101.3 303.7

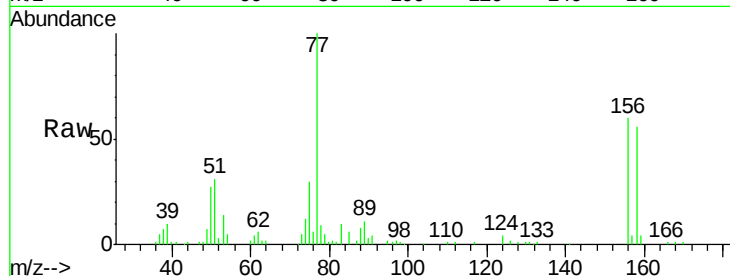
158 93.1 48.2 144.6

Manual Integrations

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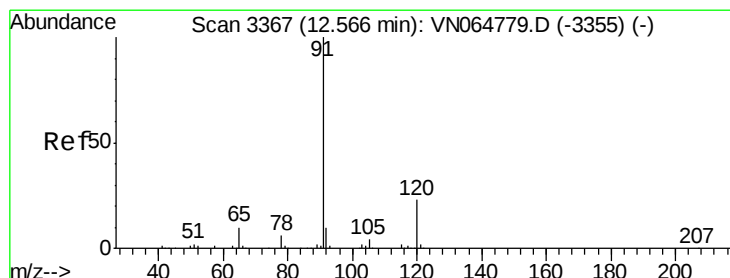
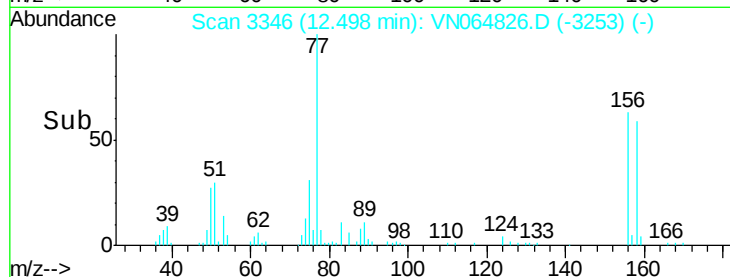
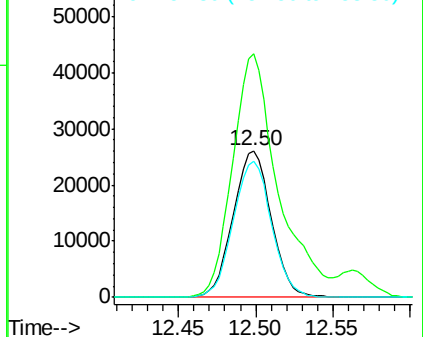
11/25/2020 9:52:00 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.590 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064826.D

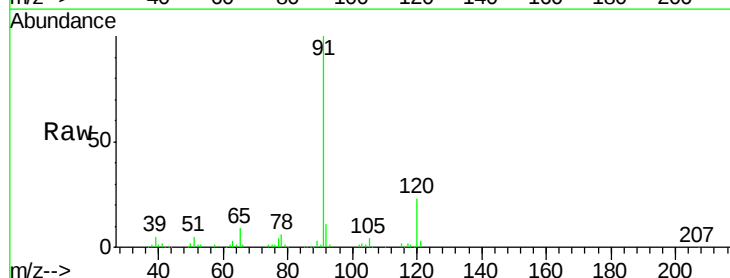
Acq: 24 Nov 2020 22:17

Tgt Ion: 91 Resp: 190277

Ion Ratio Lower Upper

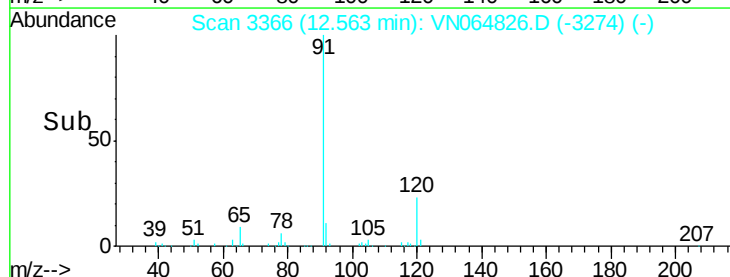
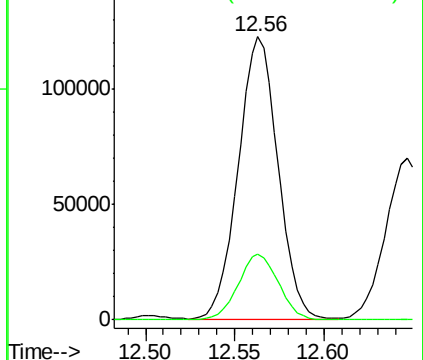
91 100

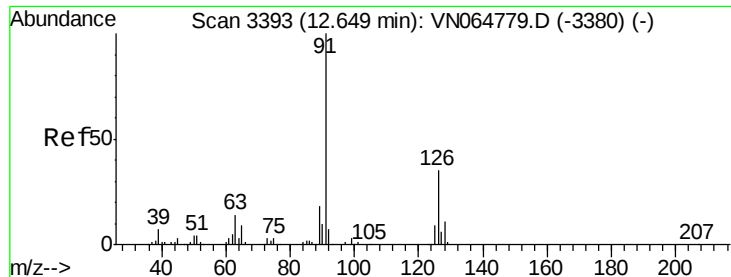
120 23.7 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





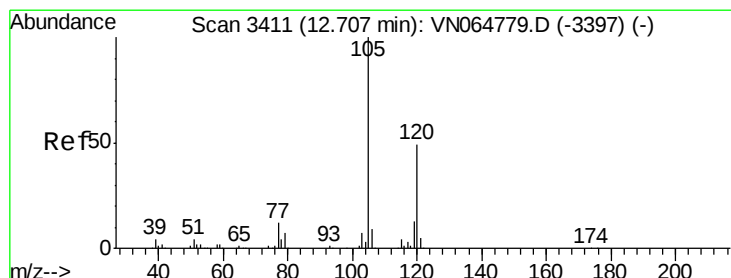
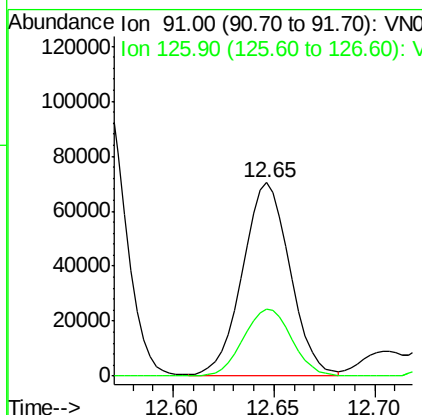
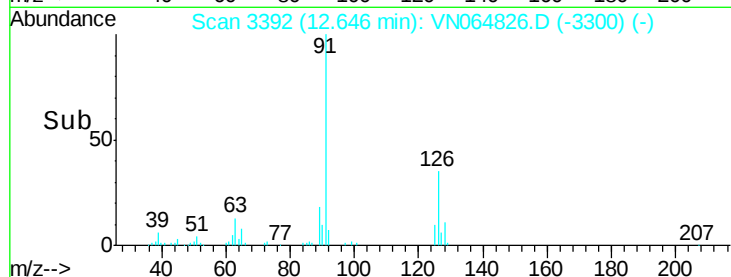
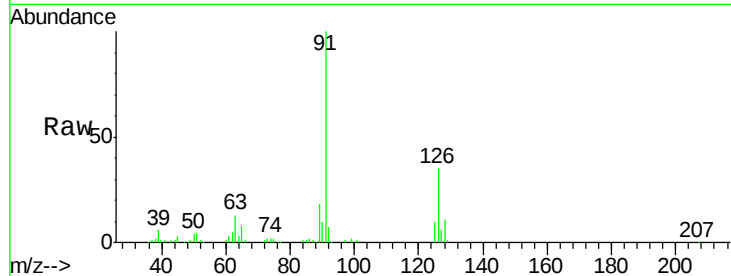
#79
 2-Chlorotoluene
 Concen: 18.207 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

Tot Ion: 91 Resp: 115198
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.2 51.6

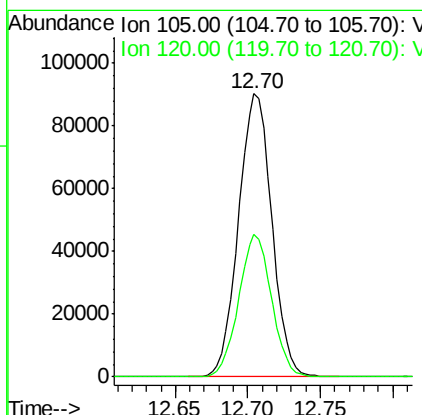
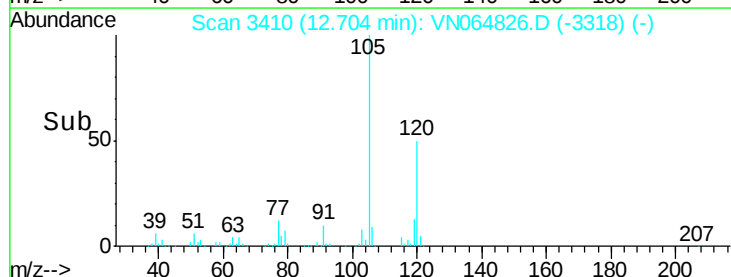
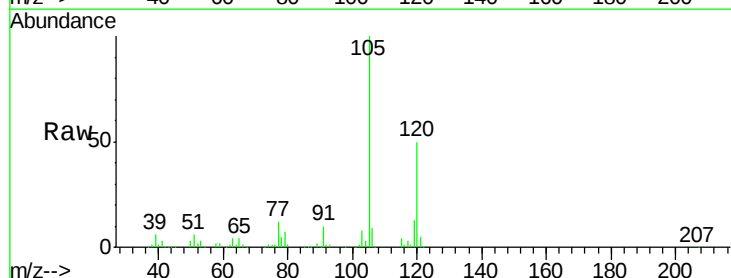
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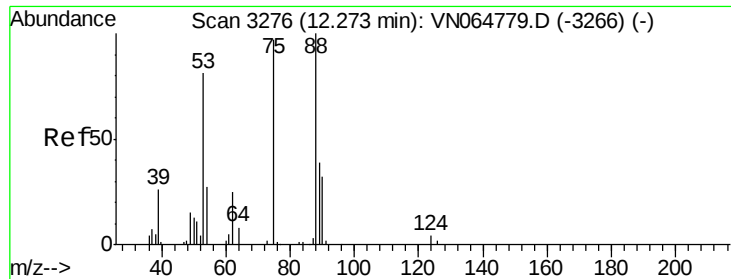
MMDadoda
 11/25/2020 9:52:00 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.356 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Tgt Ion: 105 Resp: 144557
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 15.833 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

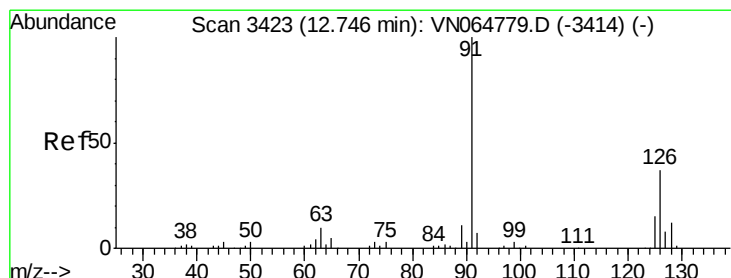
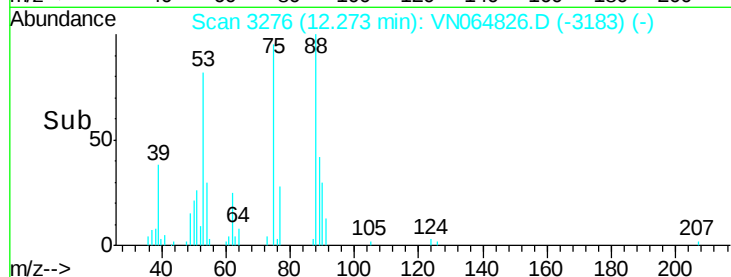
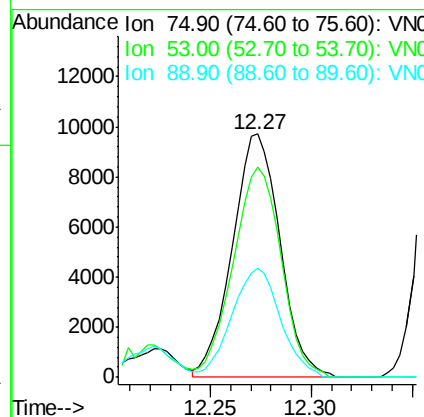
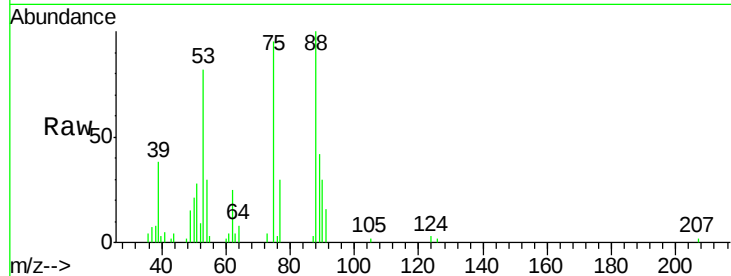
ClientSampleId :

VN1124WBS02

Tot Ion:	75	Resp:	16070
Ion	Ratio	Lower	Upper
75	100		
53	87.1	67.0	100.4
89	45.6	39.6	59.4

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#82

4-Chlorotoluene

Concen: 18.452 ug/l

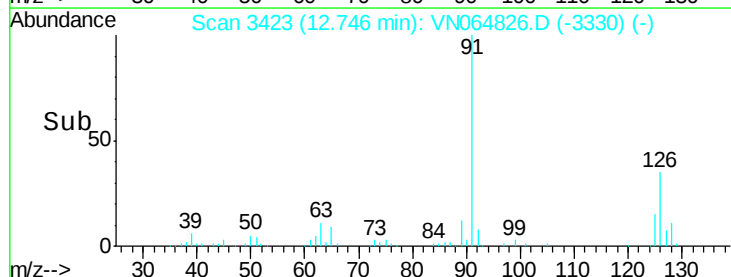
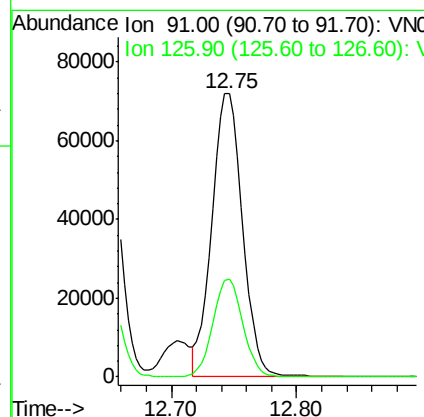
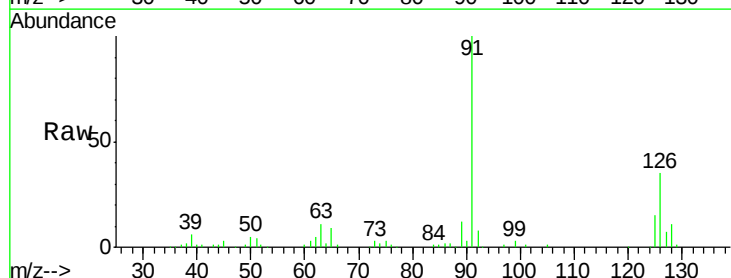
RT: 12.75 min Scan# 3423

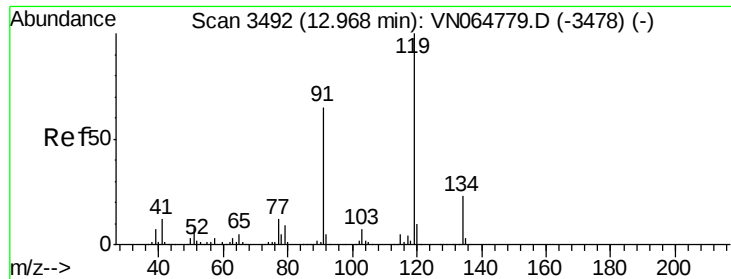
Delta R.T. 0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Tgt Ion:	91	Resp:	122375
Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.9	50.7





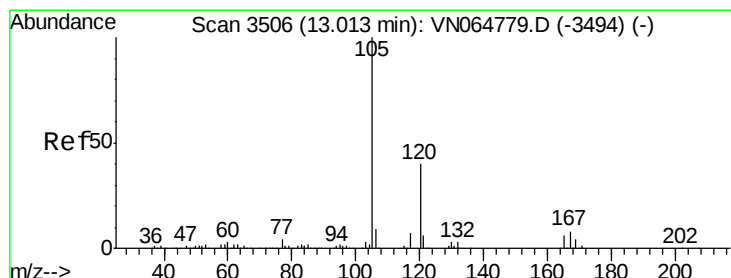
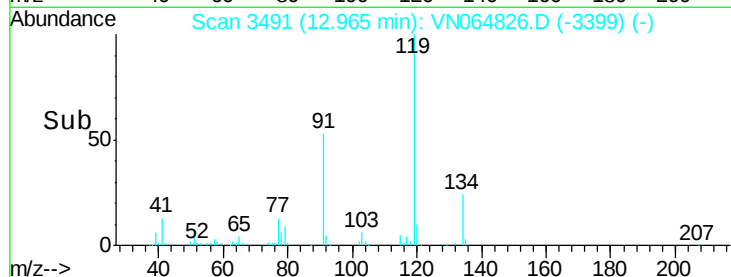
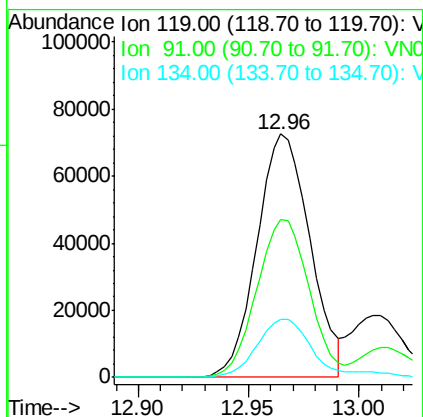
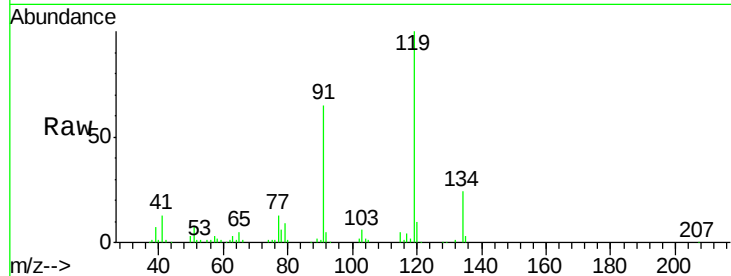
#83
tert-Butylbenzene
Concen: 19.324 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	120968		
91	64.4		32.3	96.8
134	25.4		12.6	37.6

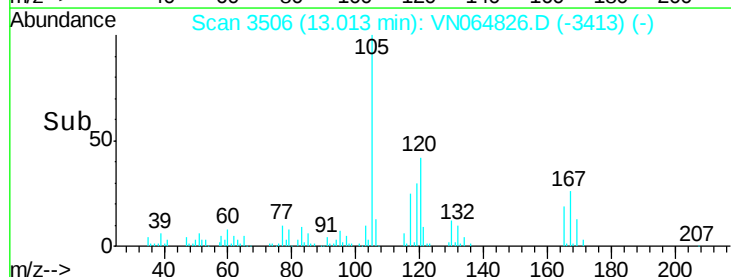
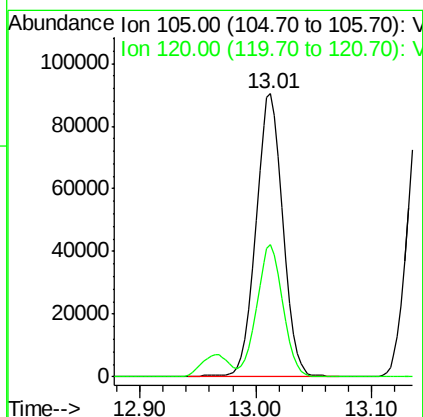
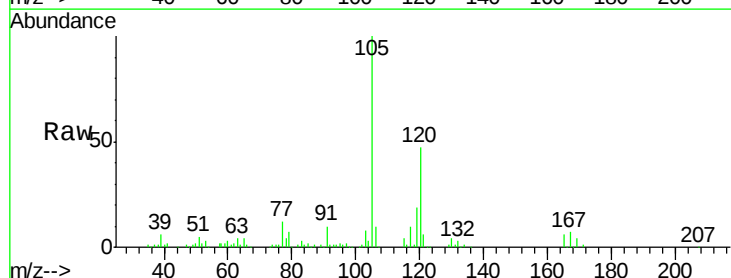
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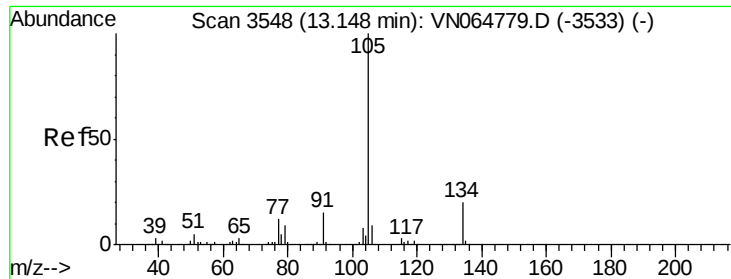
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#84
1,2,4-Trimethylbenzene
Concen: 19.394 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	146444		
120	45.3		23.1	69.2





#85

sec-Butylbenzene

Concen: 19.116 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBS02

Tot Ion:105 Resp: 158877

Ion Ratio Lower Upper

105 100

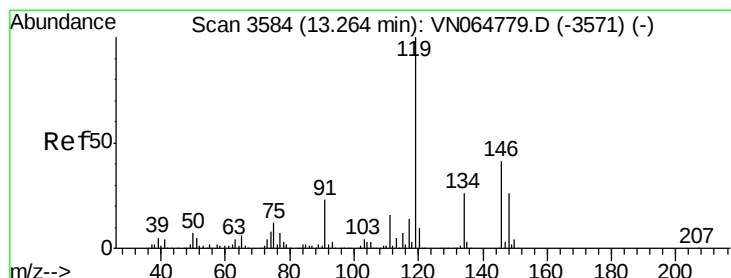
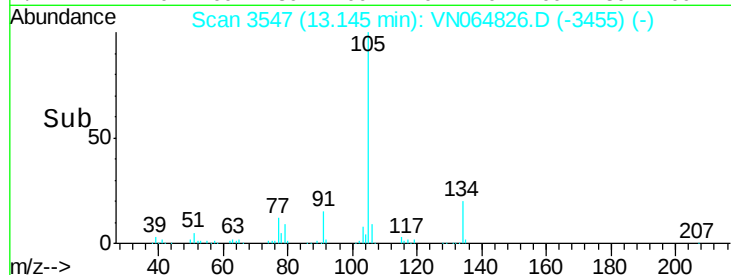
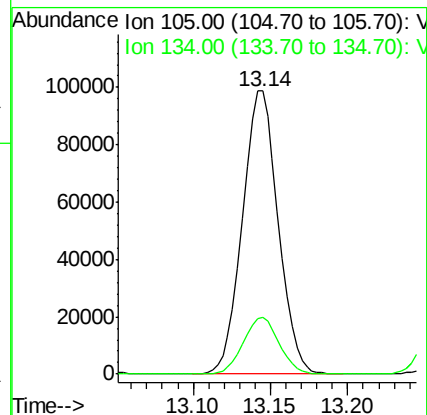
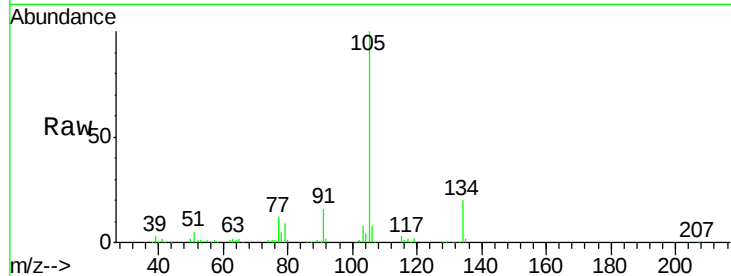
134 20.0 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 19.269 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

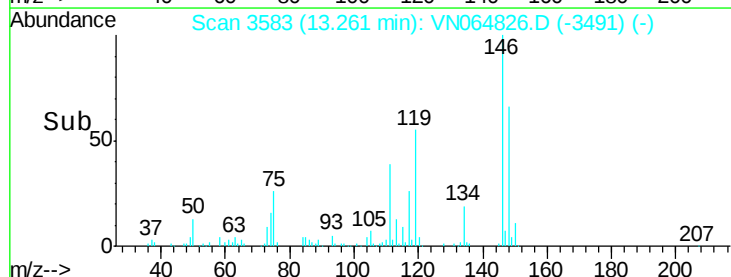
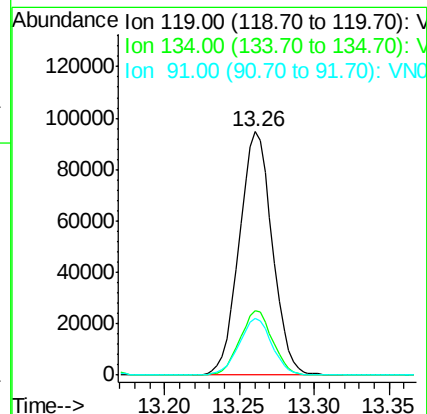
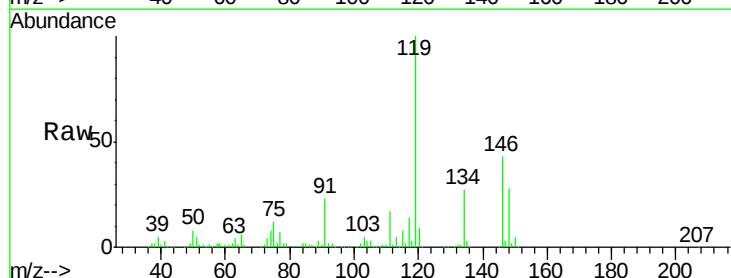
Tgt Ion:119 Resp: 145805

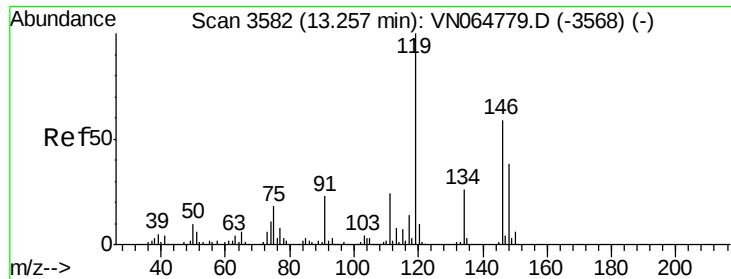
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.1 11.5 34.5





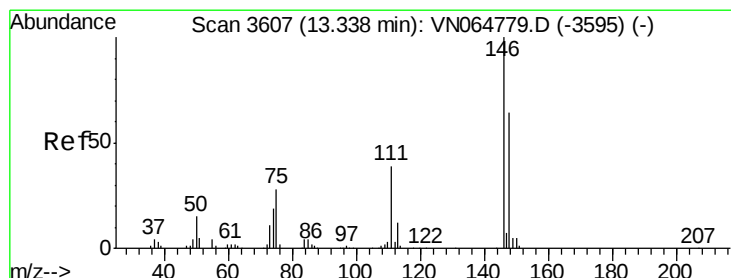
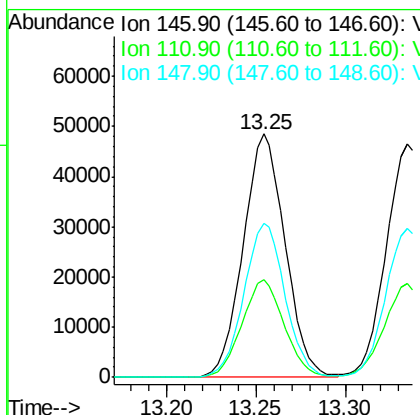
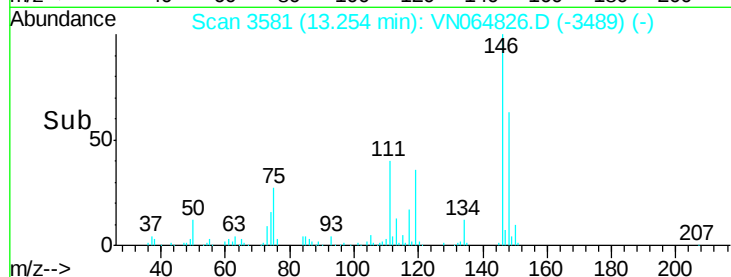
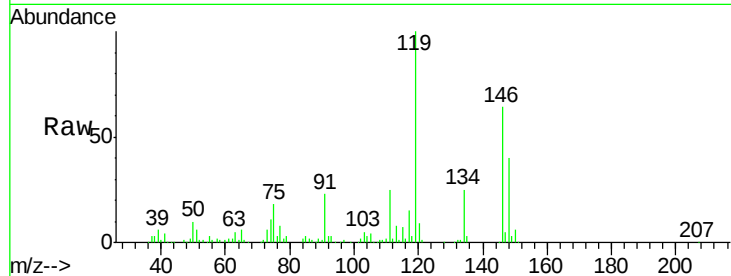
#87
 1,3-Dichlorobenzene
 Concen: 18.531 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.6	61.9
148	62.1	31.9	95.5

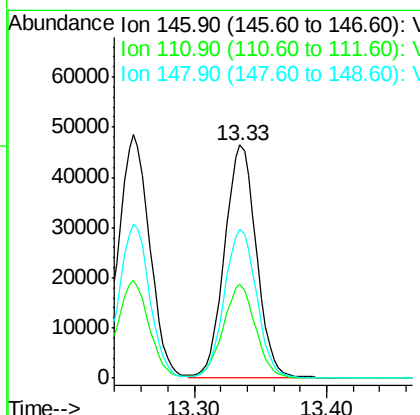
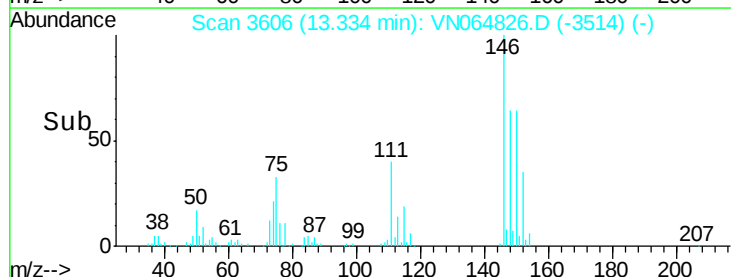
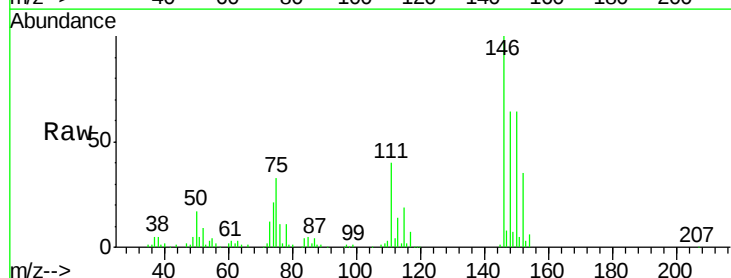
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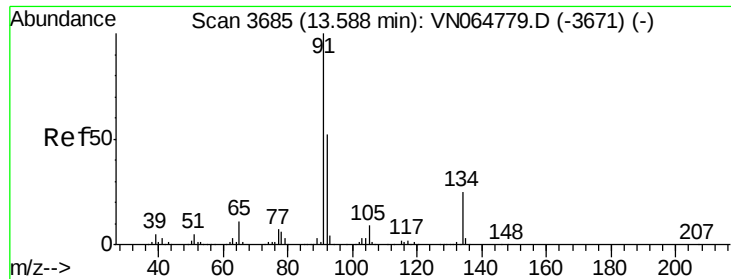
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 11/25/2020 9:52:00 AM



#88
 1,4-Dichlorobenzene
 Concen: 17.025 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.8	59.3
148	64.6	31.9	95.5





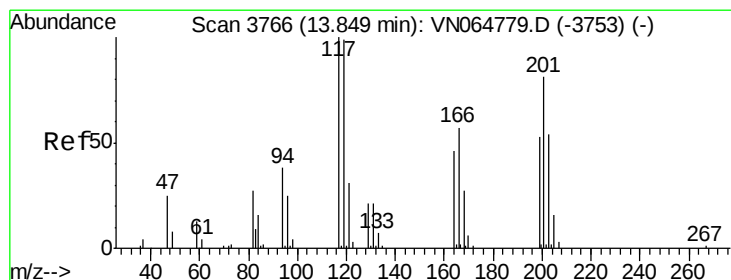
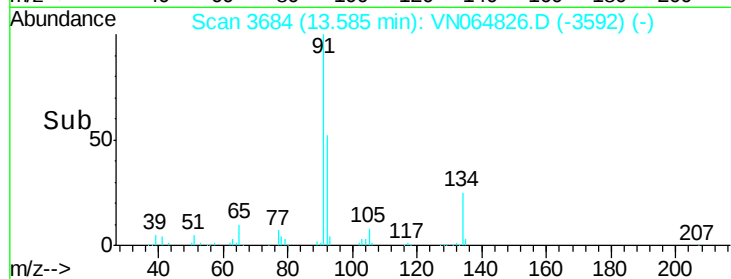
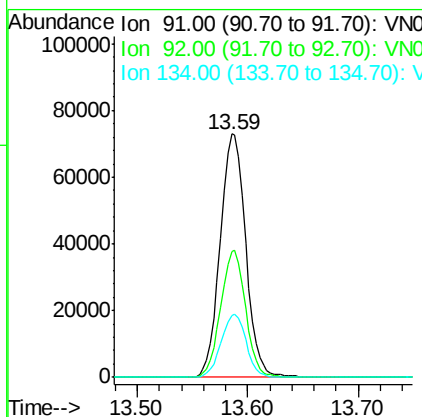
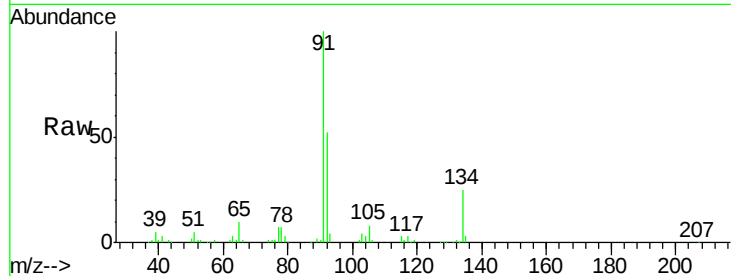
#89
n-Butylbenzene
Concen: 17.663 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.9	26.0	78.0
134	25.3	12.9	38.6

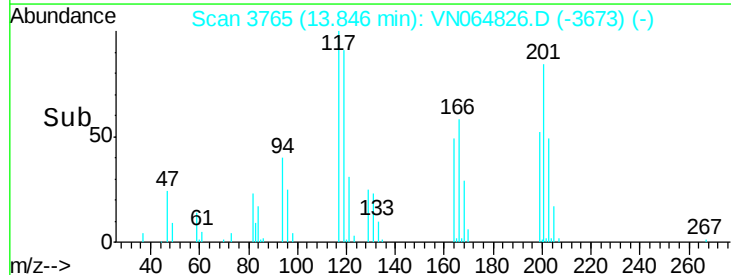
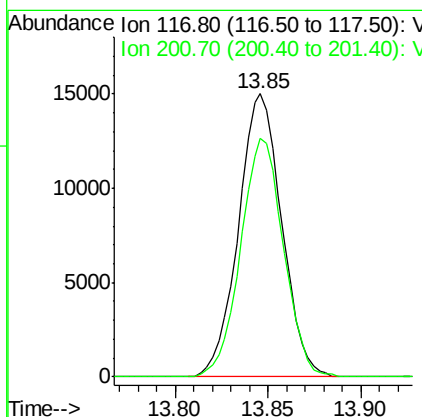
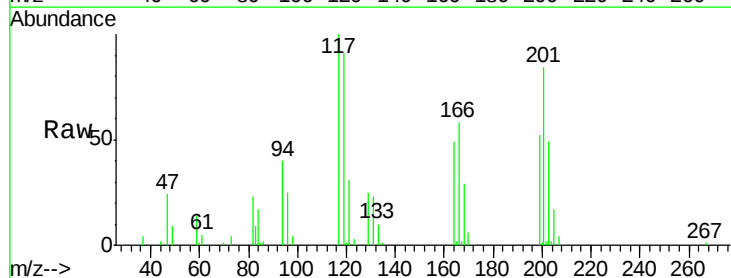
Manual Integrations
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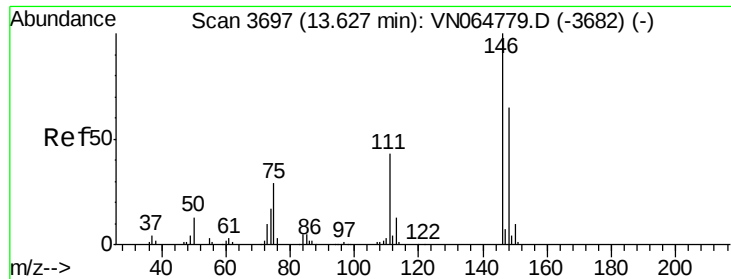
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11/25/2020 9:52:00 AM



#90
Hexachloroethane
Concen: 18.472 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.5	40.1	120.3





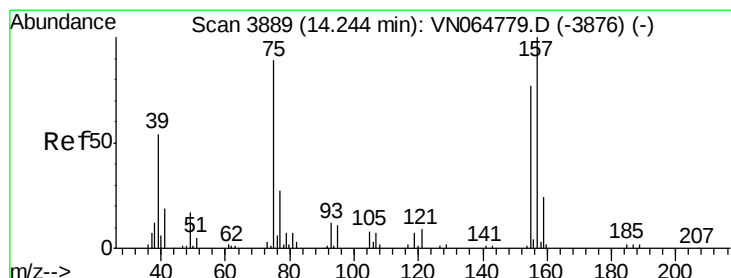
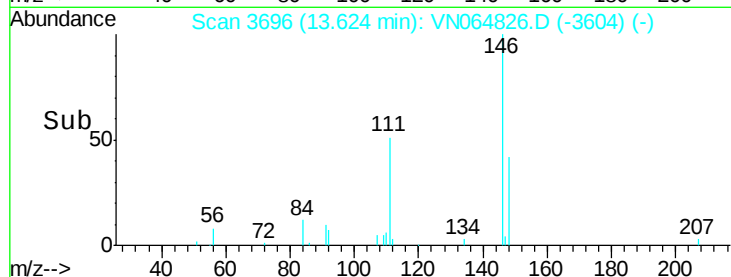
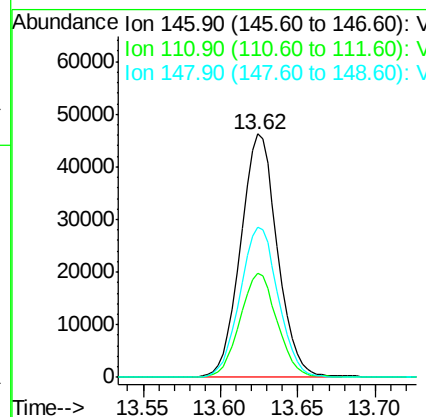
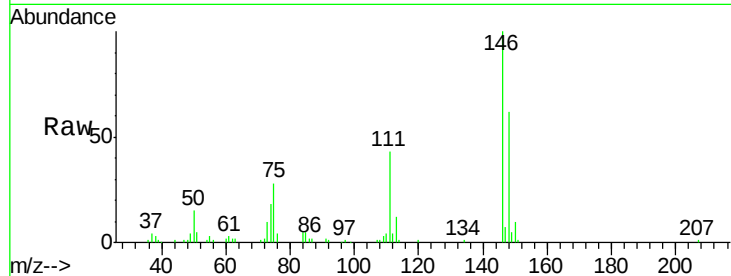
#91
 1,2-Dichlorobenzene
 Concen: 18.078 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.1	63.1
148	63.9	32.0	96.2

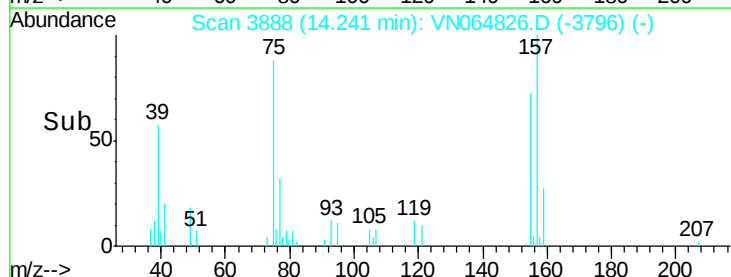
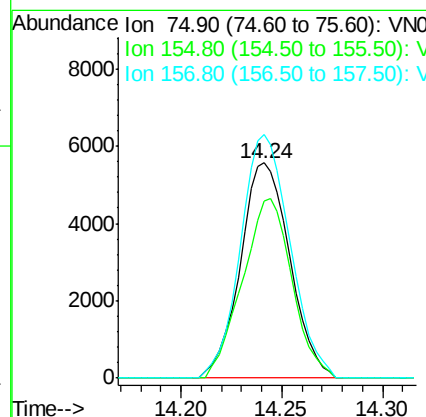
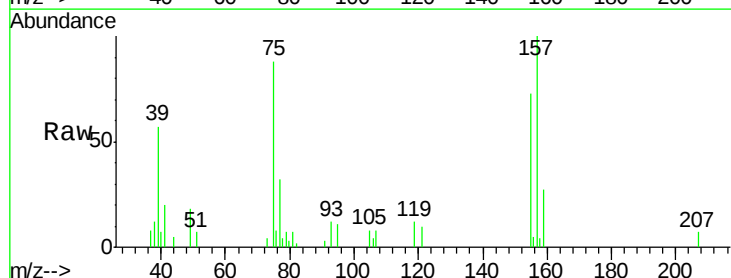
Manual Integrations
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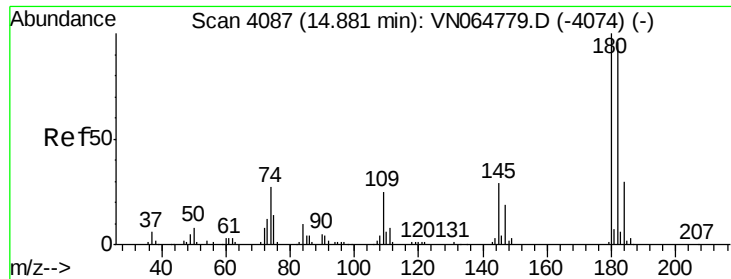
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.154 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064826.D
 Acq: 24 Nov 2020 22:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	42.8	128.3
157	112.9	56.4	169.1





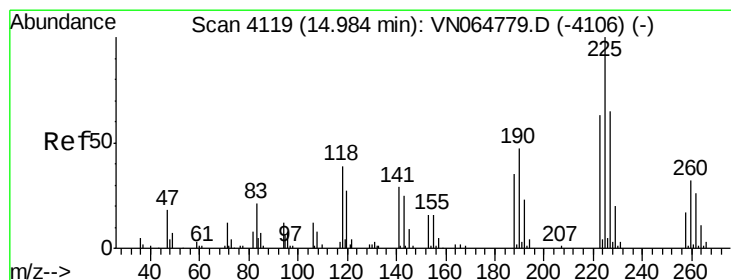
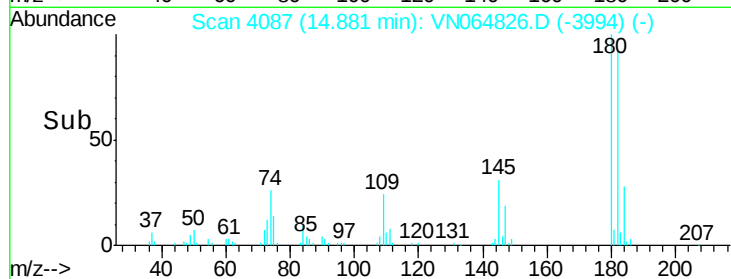
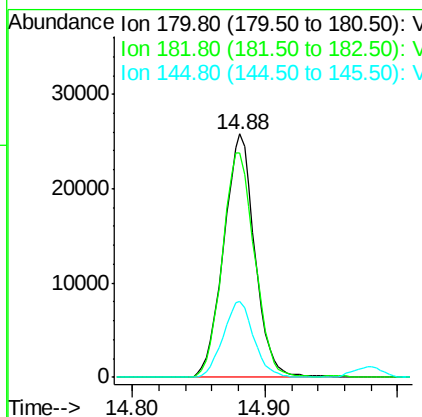
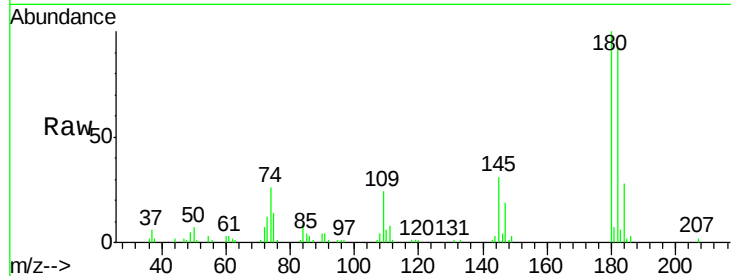
#93
1,2,4-Trichlorobenzene
Concen: 16.042 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.6	142.9
145	30.5	15.3	45.8

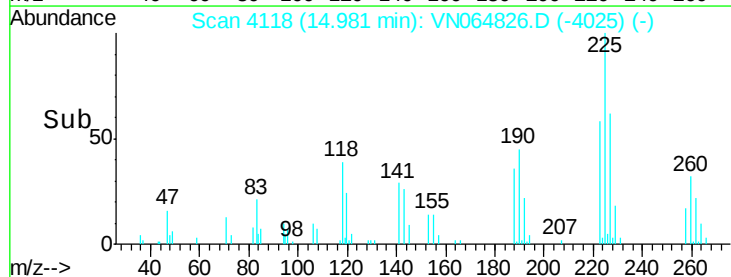
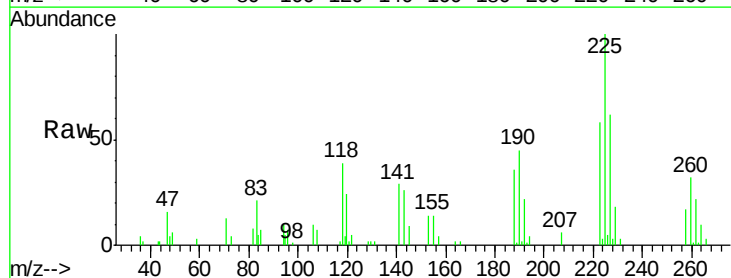
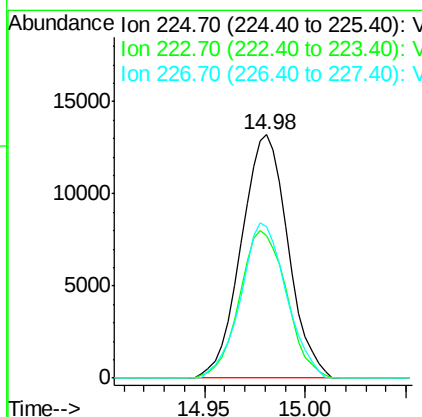
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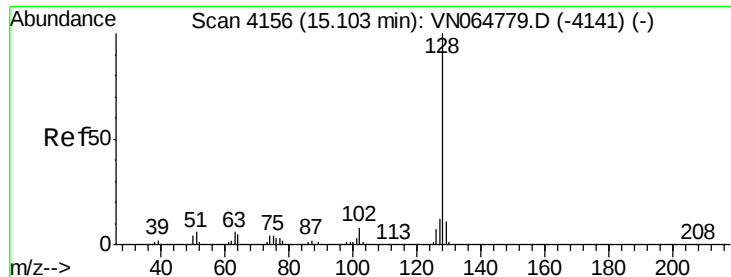
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#94
Hexachlorobutadiene
Concen: 18.441 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN064826.D
Acq: 24 Nov 2020 22:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	31.0	93.0
227	62.1	32.0	96.0





#95

Naphthalene

Concen: 16.450 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Instrument :

MSVOA_N

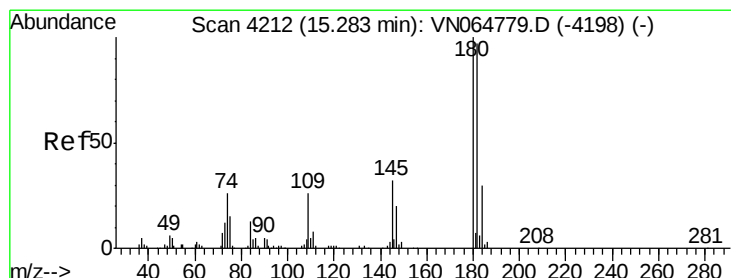
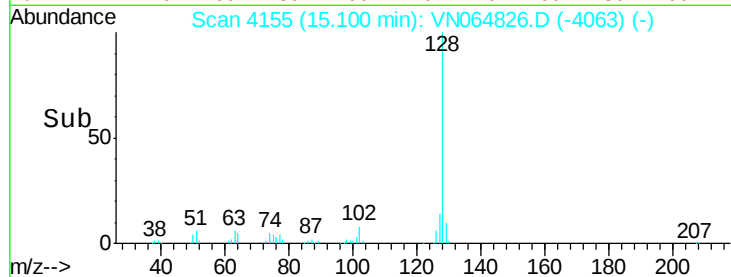
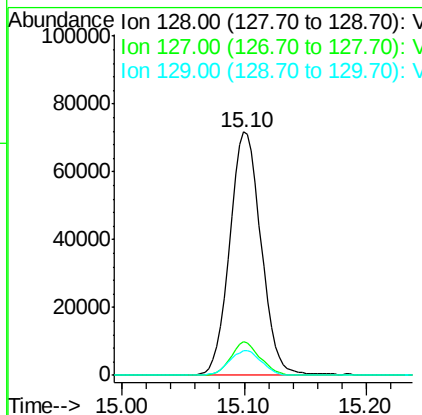
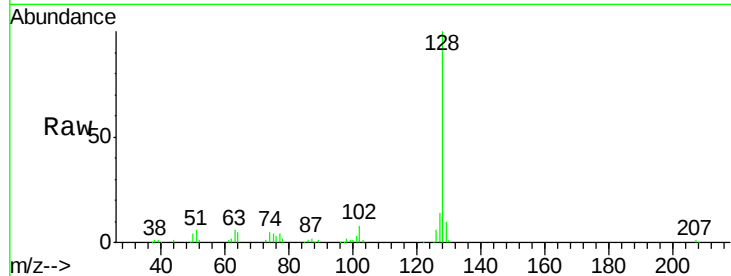
ClientSampleId :

VN1124WBS02

Tot Ion:	128	Resp:	128825
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.4	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 17.408 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN064826.D

Acq: 24 Nov 2020 22:17

Tgt Ion:	180	Resp:	40927
Ion Ratio	Lower	Upper	
180	100		
182	99.6	48.1	144.4
145	33.2	16.4	49.1

