

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064827.D
 Acq On : 24 Nov 2020 22:41
 Operator : JC/MD
 Sample : VN1124WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 9:51:56 AM

Quant Time: Nov 25 05:44:24 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	7.63	168	187697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	302770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	273425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130502	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	105952	48.56	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.12%
35) Dibromofluoromethane	7.55	113	92061	50.82	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.64%
50) Toluene-d8	10.06	98	351105	47.43	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.86%
62) 4-Bromofluorobenzene	12.37	95	124099	46.84	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.68%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	28162	17.312	ug/l	97
3) Chloromethane	2.04	50	36721	17.371	ug/l	98
4) Vinyl Chloride	2.17	62	38714	17.566	ug/l	99
5) Bromomethane	2.54	94	24414	16.884	ug/l	99
6) Chloroethane	2.68	64	25012	18.349	ug/l	97
7) Trichlorofluoromethane	2.99	101	55734	18.294	ug/l	100
8) Diethyl Ether	3.38	74	22466	18.682	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	32341	17.696	ug/l	96
10) Methyl Iodide	3.91	142	31067	13.106	ug/l	97
11) Tert butyl alcohol	4.75	59	28892	84.900	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	33274	18.281	ug/l	97
13) Acrolein	3.57	56	14641	70.436	ug/l	100
14) Allyl chloride	4.28	41	53794	17.919	ug/l	99
15) Acrylonitrile	4.94	53	83217	88.519	ug/l	99
16) Acetone	3.78	43	68556	95.573	ug/l	98
17) Carbon Disulfide	4.01	76	85525	18.202	ug/l	99
18) Methyl Acetate	4.28	43	38959	18.064	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	108941	18.662	ug/l	98
20) Methylene Chloride	4.51	84	41402	18.419	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	36227	17.923	ug/l	91
22) Diisopropyl ether	5.91	45	115025	19.143	ug/l	96
23) Vinyl Acetate	5.85	43	457663	95.248	ug/l	100
24) 1,1-Dichloroethane	5.80	63	66674	18.567	ug/l	99
25) 2-Butanone	6.79	43	107477	92.429	ug/l	97
26) 2,2-Dichloropropane	6.78	77	50712	16.283	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	42852	18.841	ug/l	96
28) Bromochloromethane	7.15	49	31134	18.952	ug/l	95
29) Tetrahydrofuran	7.17	42	72279	90.047	ug/l	98
30) Chloroform	7.33	83	68764	18.569	ug/l	99
31) Cyclohexane	7.61	56	55692	18.312	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	59906	18.835	ug/l	99
36) 1,1-Dichloropropene	7.75	75	50190	17.884	ug/l	97
37) Ethyl Acetate	6.88	43	46236	17.104	ug/l	99
38) Carbon Tetrachloride	7.73	117	52489	17.976	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51469	17.037	ug/l	97
40) Benzene	8.00	78	153437	17.842	ug/l	98
41) Methacrylonitrile	7.13	41	19634	15.740	ug/l	98
42) 1,2-Dichloroethane	8.09	62	51234	17.660	ug/l	100
43) Isopropyl Acetate	8.13	43	74955	17.231	ug/l	99
44) Trichloroethene	8.80	130	44221	17.428	ug/l	98
45) 1,2-Dichloropropane	9.08	63	41475	18.623	ug/l	100
46) Dibromomethane	9.17	93	27128	18.233	ug/l	97
47) Bromodichloromethane	9.37	83	53378	17.830	ug/l	99
48) Methyl methacrylate	9.17	41	36113	17.374	ug/l	98
49) 1,4-Dioxane	9.17	88	13119	333.944	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	230657	88.325	ug/l	100
52) Toluene	10.12	92	96117	18.149	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	56328	16.893	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	63289	17.708	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	39390	18.087	ug/l	97
56) Ethyl methacrylate	10.40	69	52538	17.482	ug/l	99
57) 1,3-Dichloropropane	10.68	76	62825	17.488	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	150656	91.135	ug/l	98
59) 2-Hexanone	10.72	43	165182	87.889	ug/l	99
60) Dibromochloromethane	10.87	129	43688	18.047	ug/l	95
61) 1,2-Dibromoethane	10.98	107	38916	17.589	ug/l	99
64) Tetrachloroethene	10.60	164	43057	16.186	ug/l	98
65) Chlorobenzene	11.41	112	106311	18.106	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	39664	18.381	ug/l	100
67) Ethyl Benzene	11.48	91	177360	18.081	ug/l	98
68) m/p-Xylenes	11.59	106	139462	37.552	ug/l	97
69) o-Xylene	11.92	106	64949	18.429	ug/l	97
70) Styrene	11.94	104	110605	18.591	ug/l	99
71) Bromoform	12.10	173	29942	17.373	ug/l #	99
73) Isopropylbenzene	12.22	105	173500	19.114	ug/l	100
74) N-amyl acetate	12.05	43	62552	17.510	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	52134	19.595	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	51446m	18.305	ug/l	
77) Bromobenzene	12.50	156	44478	18.175	ug/l	98
78) n-propylbenzene	12.56	91	194128	18.773	ug/l	100
79) 2-Chlorotoluene	12.65	91	119660	18.720	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	146265	19.386	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	16861	16.443	ug/l	95
82) 4-Chlorotoluene	12.75	91	123874	18.488	ug/l	100
83) tert-Butylbenzene	12.97	119	123725	19.564	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	149972	19.659	ug/l	98
85) sec-Butylbenzene	13.14	105	162124	19.308	ug/l	100
86) p-Isopropyltoluene	13.26	119	145960	19.093	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	77003	17.710	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	80276	17.458	ug/l	99
89) n-Butylbenzene	13.59	91	117524	17.506	ug/l	100
90) Hexachloroethane	13.85	117	25050	18.862	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	76839	17.999	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9913	16.559	ug/l	98

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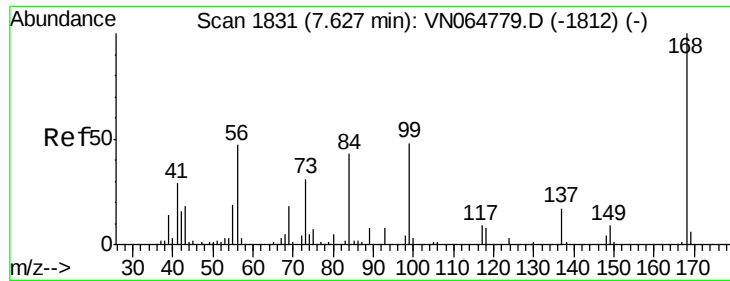
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	43380	16.426	ug/l	99
94) Hexachlorobutadiene	14.98	225	20365	17.369	ug/l	98
95) Naphthalene	15.10	128	129767	16.401	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	42658	17.916	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

Tot Ion:168 Resp: 187697

Ion Ratio Lower Upper

168 100

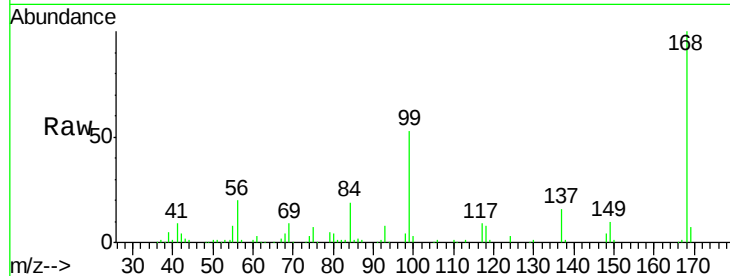
99 52.8 43.0 64.4

Manual Integrations

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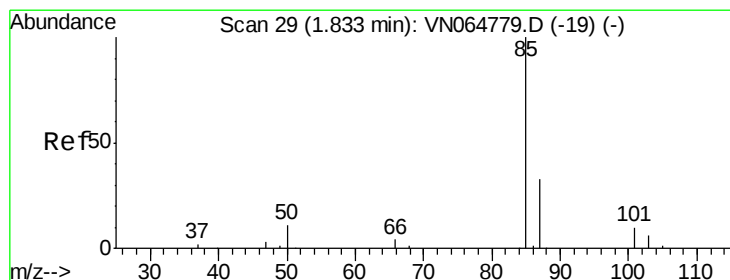
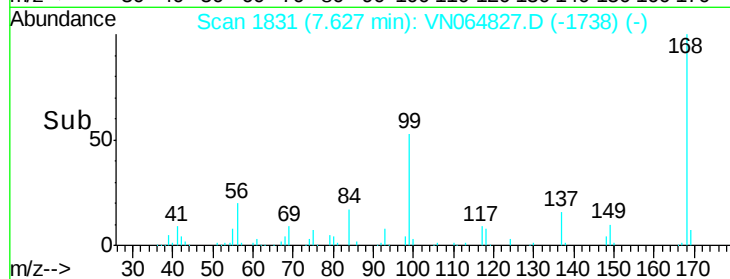
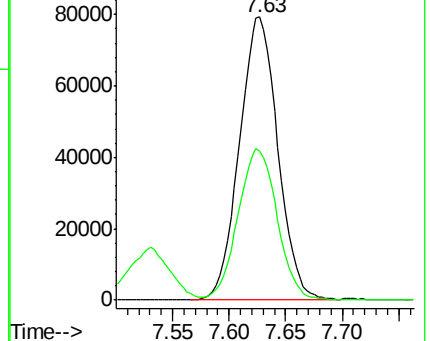
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 17.312 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064827.D

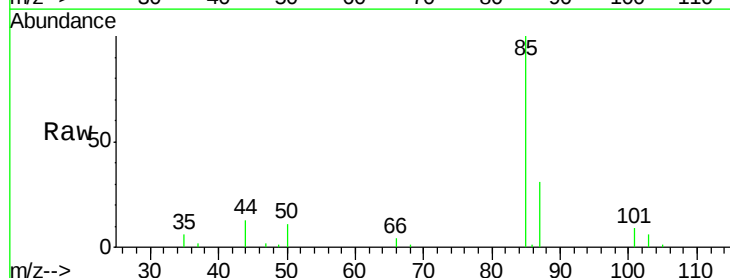
Acq: 24 Nov 2020 22:41

Tgt Ion: 85 Resp: 28162

Ion Ratio Lower Upper

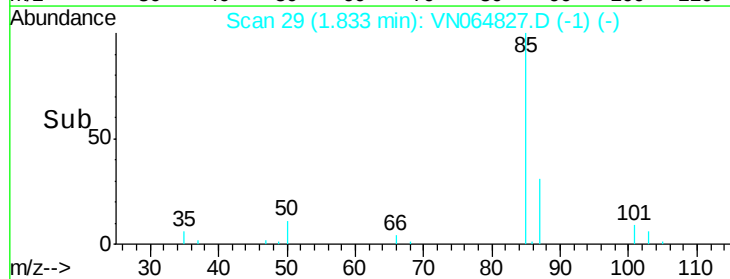
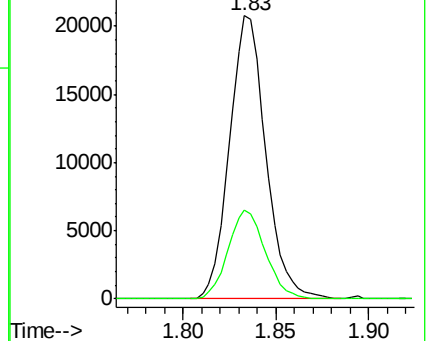
85 100

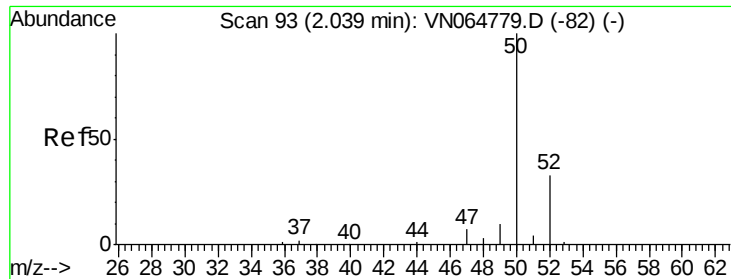
87 31.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 17.371 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

Tot Ion: 50 Resp: 36721

Ion Ratio Lower Upper

50 100

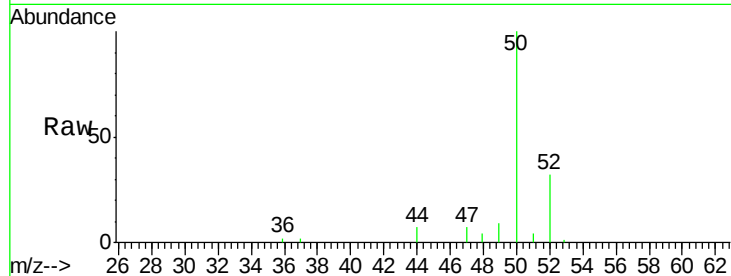
52 32.0 26.6 39.8

Manual Integrations

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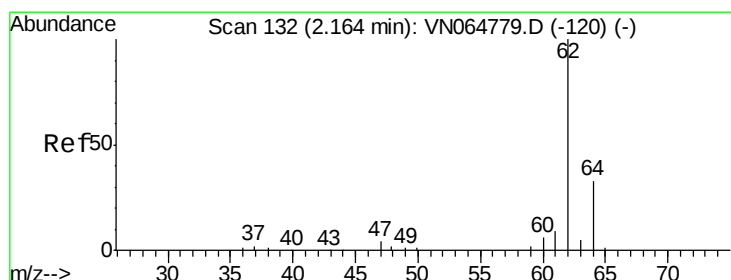
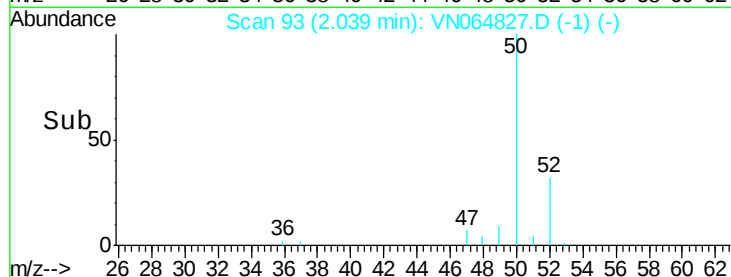
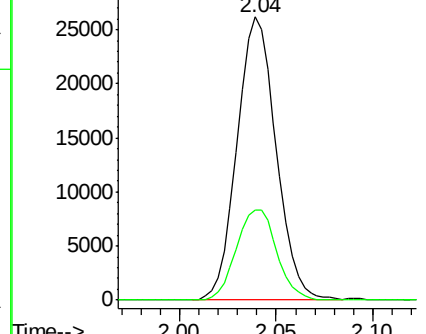
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.566 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064827.D

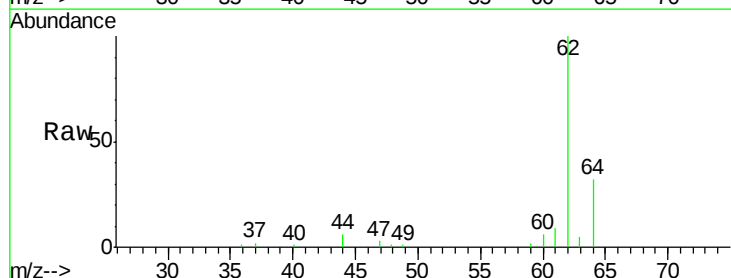
Acq: 24 Nov 2020 22:41

Tgt Ion: 62 Resp: 38714

Ion Ratio Lower Upper

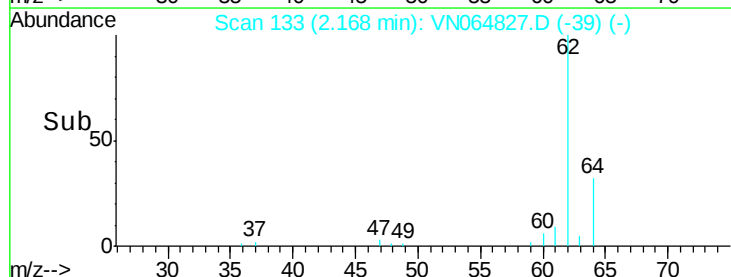
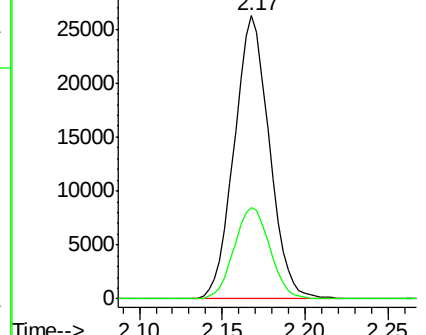
62 100

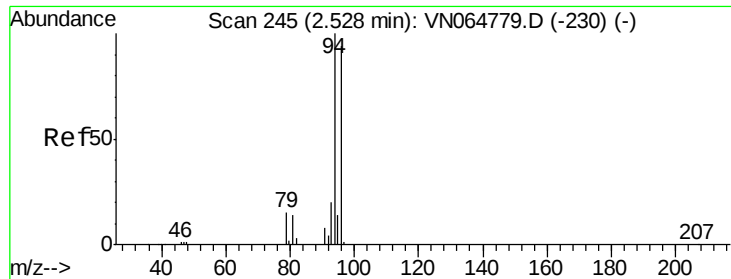
64 32.4 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 16.884 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

Tot Ion: 94 Resp: 24414

Ion Ratio Lower Upper

94 100

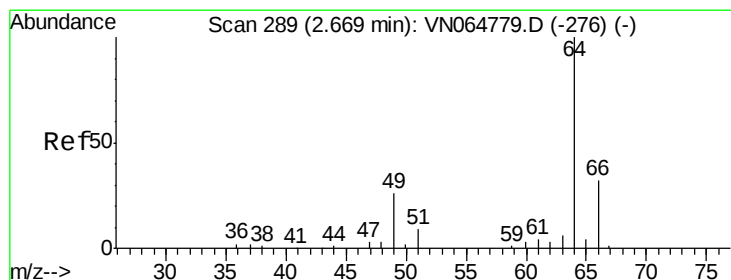
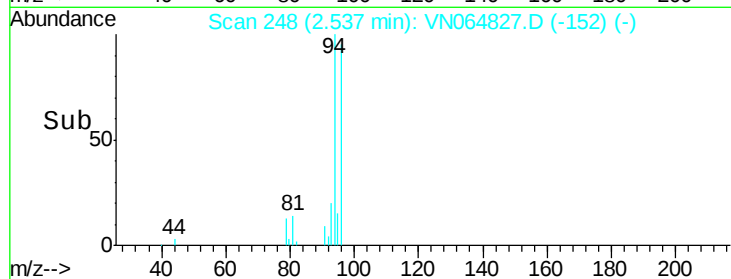
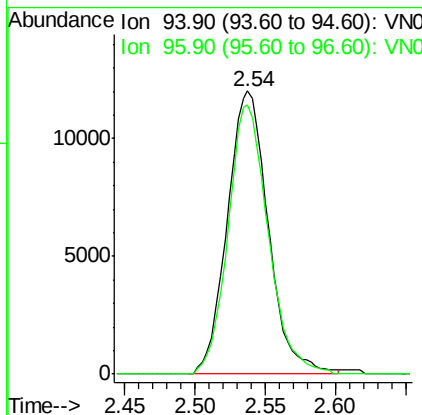
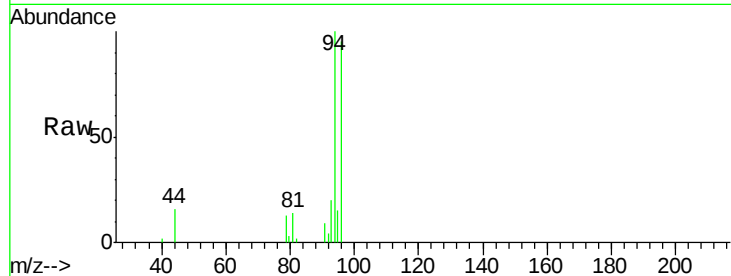
96 95.2 75.4 113.0

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#6

Chloroethane

Concen: 18.349 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN064827.D

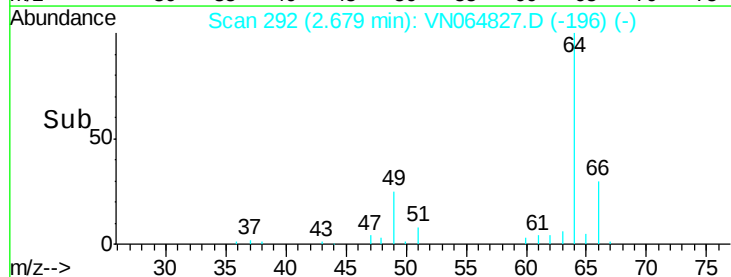
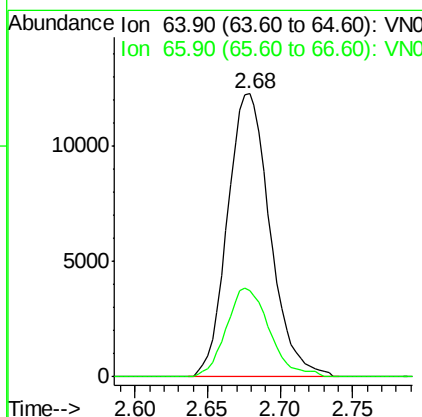
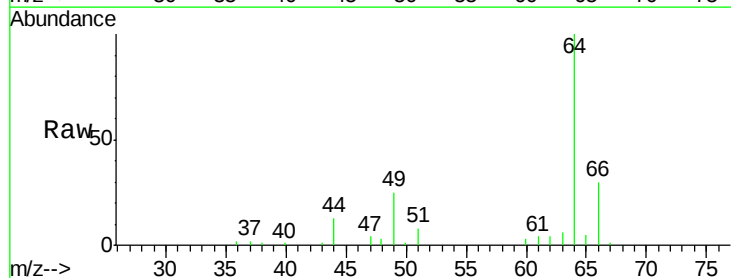
Acq: 24 Nov 2020 22:41

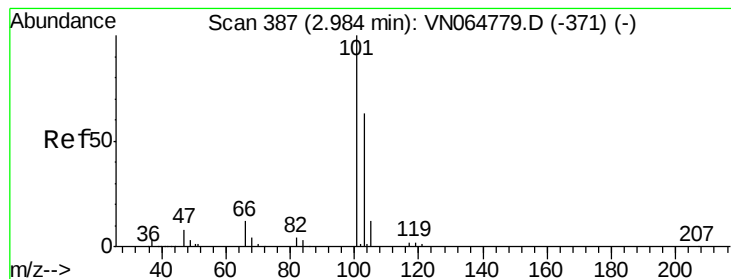
Tgt Ion: 64 Resp: 25012

Ion Ratio Lower Upper

64 100

66 30.5 25.6 38.4





#7

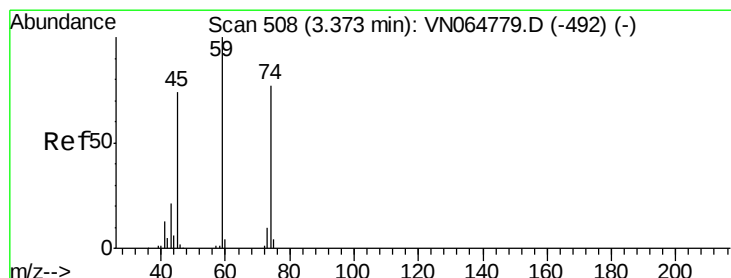
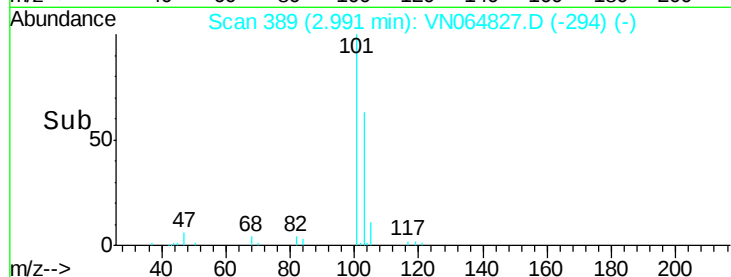
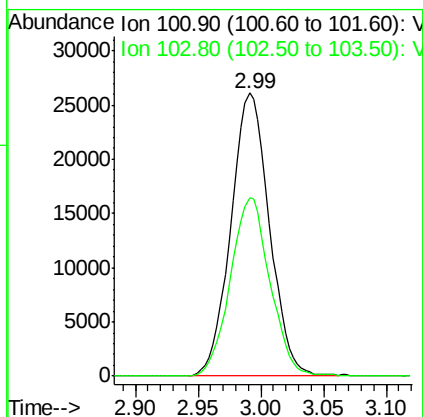
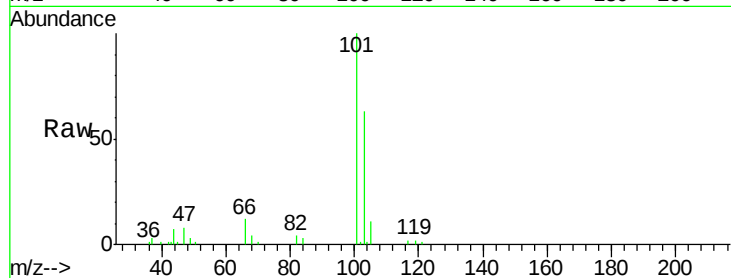
Trichlorofluoromethane
Concen: 18.294 ug/l
RT: 2.99 min Scan# 389
Delta R.T. 0.01 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	50.5	75.7

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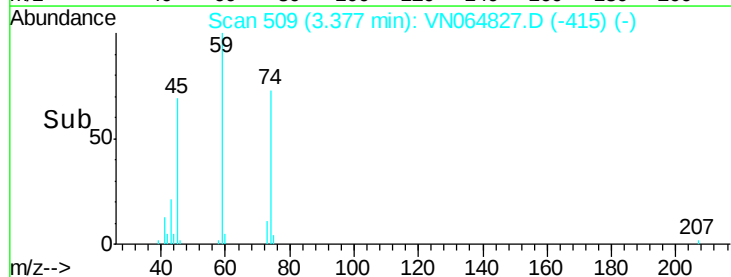
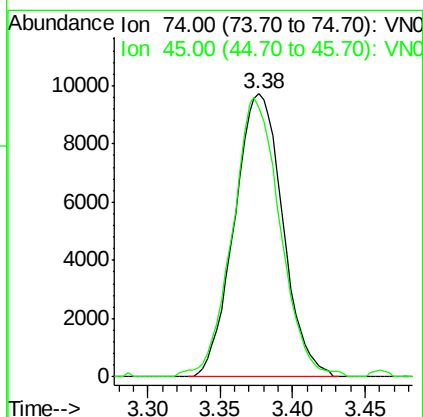
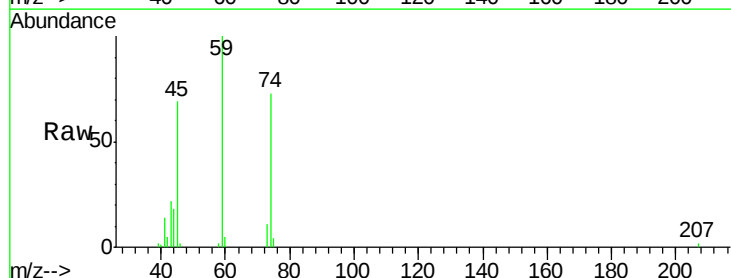
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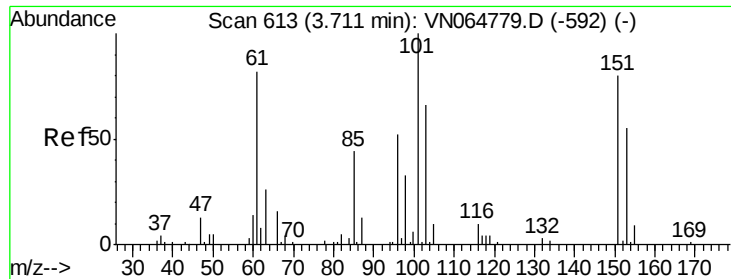


#8

Diethyl Ether
Concen: 18.682 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064827.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	48.9	146.8





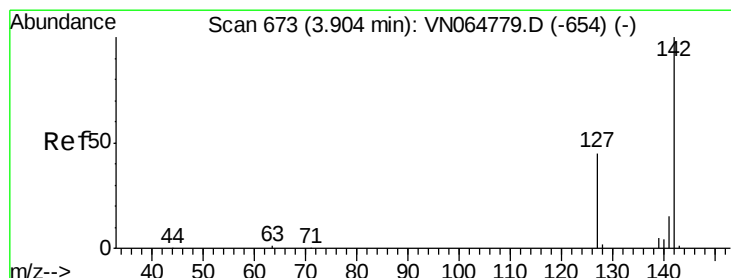
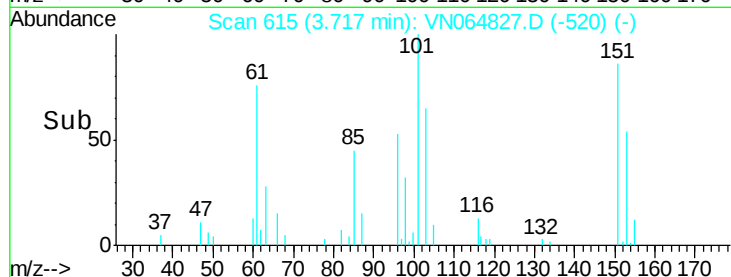
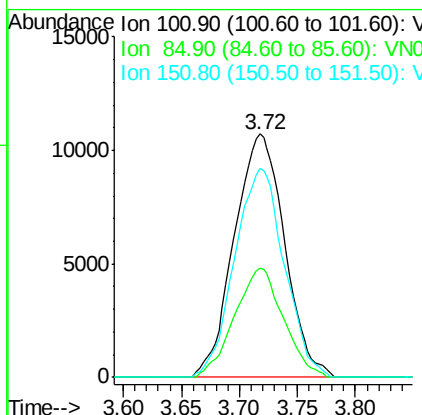
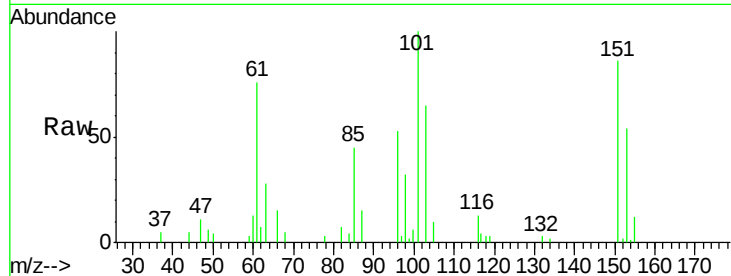
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.696 ug/l
RT: 3.72 min Scan# 615
Delta R.T. 0.01 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.5	34.4	51.6
151	84.7	64.0	96.0

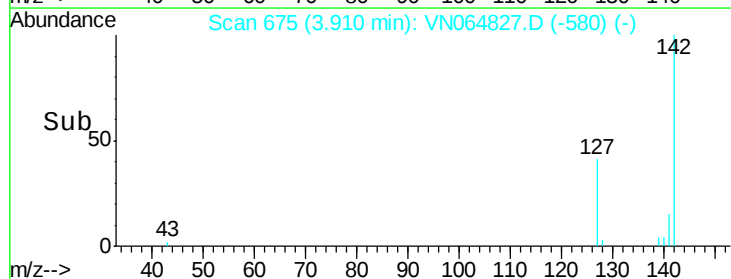
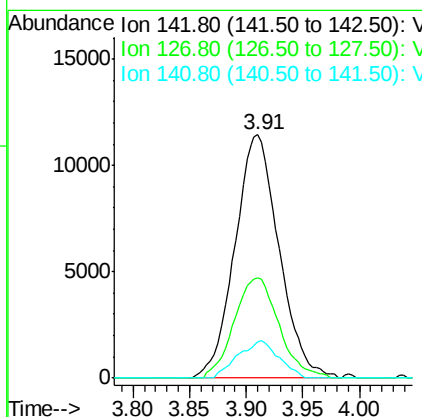
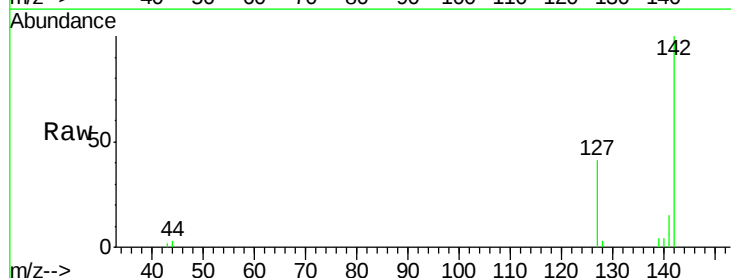
Manual Integrations
APPROVED

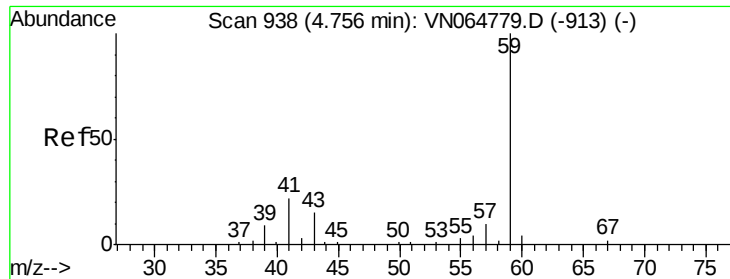
MMDadoda
11/25/2020 9:51:56 AM



#10
Methyl Iodide
Concen: 13.106 ug/l
RT: 3.91 min Scan# 675
Delta R.T. 0.01 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.9	35.0	52.6
141	14.1	11.8	17.6





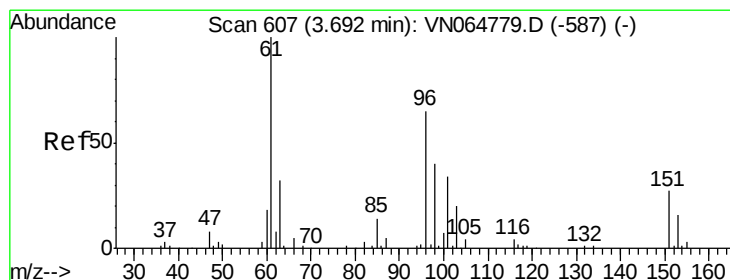
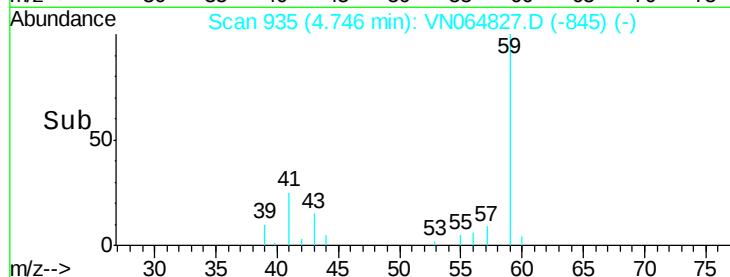
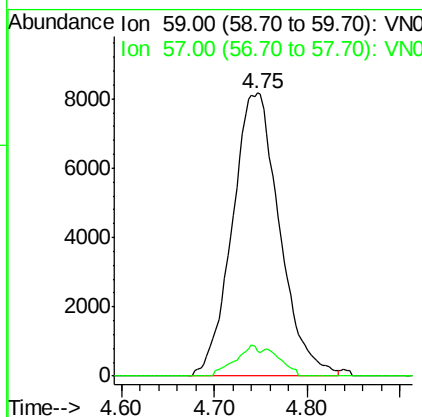
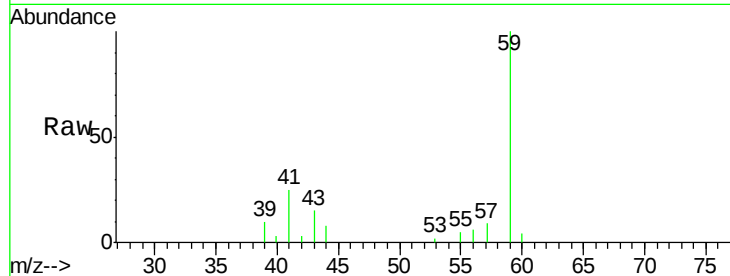
#11
Tert butyl alcohol
Concen: 84.900 ug/l
RT: 4.75 min Scan# 935
Delta R.T. -0.01 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion: 59 Resp: 28892
Ion Ratio Lower Upper
59 100
57 5.6 7.9 11.9#

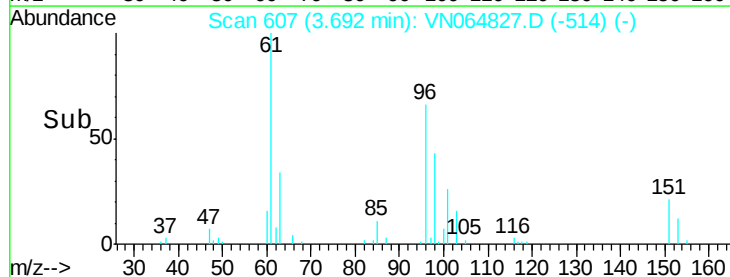
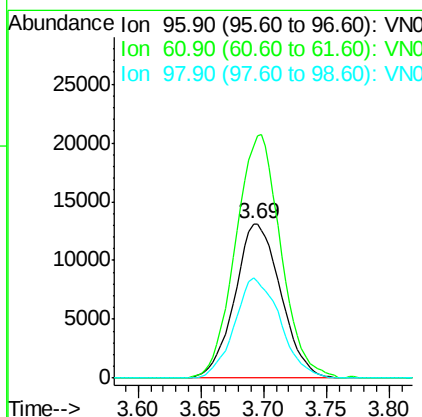
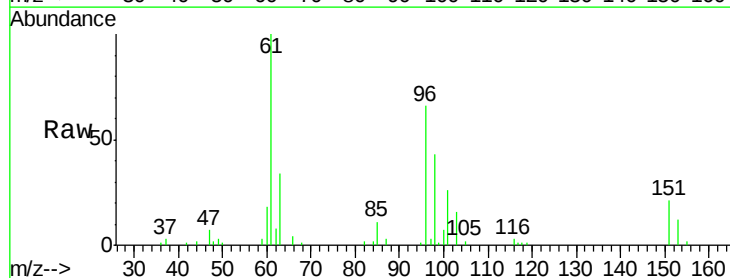
Manual Integrations
APPROVED

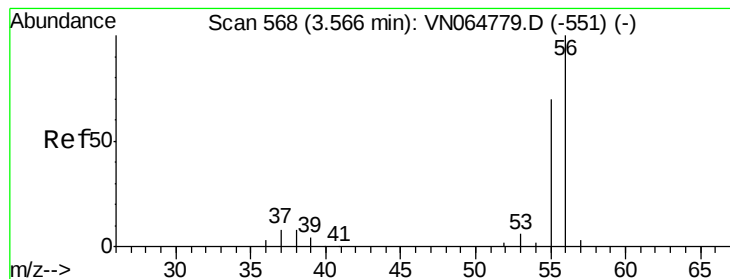
MMDadoda
11/25/2020 9:51:56 AM



#12
1,1-Dichloroethene
Concen: 18.281 ug/l
RT: 3.69 min Scan# 607
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion: 96 Resp: 33274
Ion Ratio Lower Upper
96 100
61 150.7 123.4 185.2
98 64.7 49.8 74.8





#13

Acrolein

Concen: 70.436 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

Tot Ion: 56 Resp: 14641

Ion Ratio Lower Upper

56 100

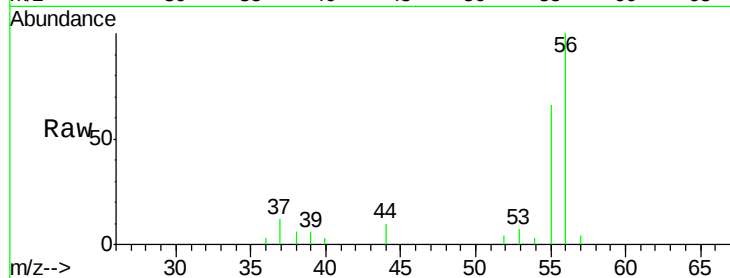
55 70.9 56.5 84.7

Manual Integrations

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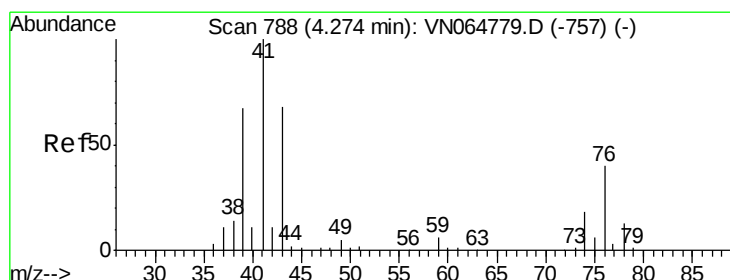
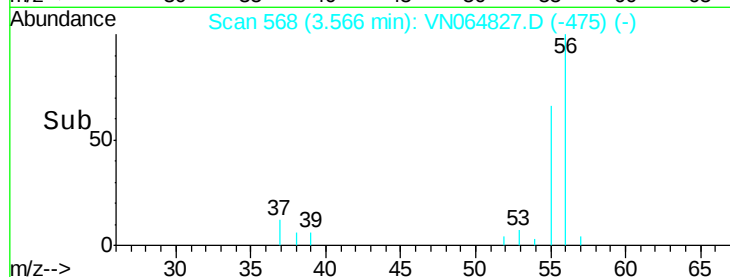
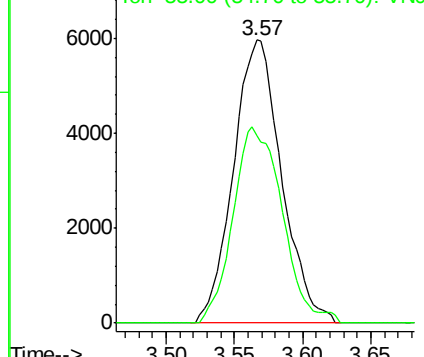
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.919 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

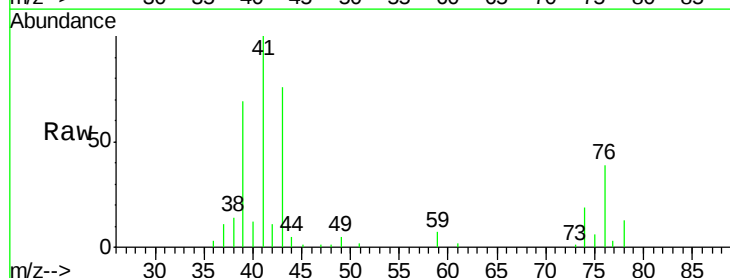
Tgt Ion: 41 Resp: 53794

Ion Ratio Lower Upper

41 100

39 62.8 50.9 76.3

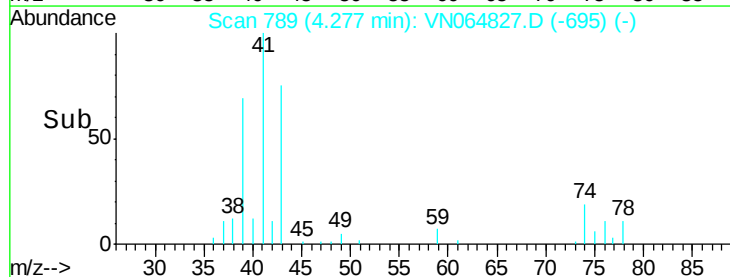
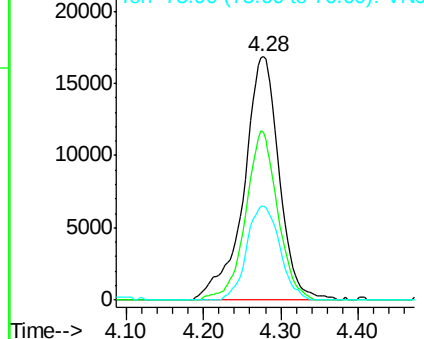
76 36.2 29.0 43.4

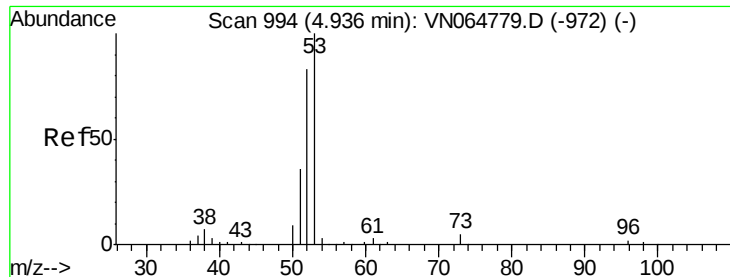


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





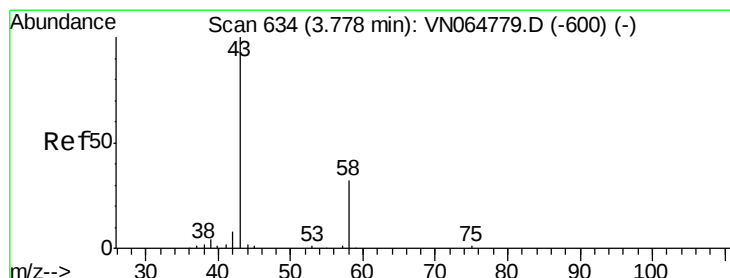
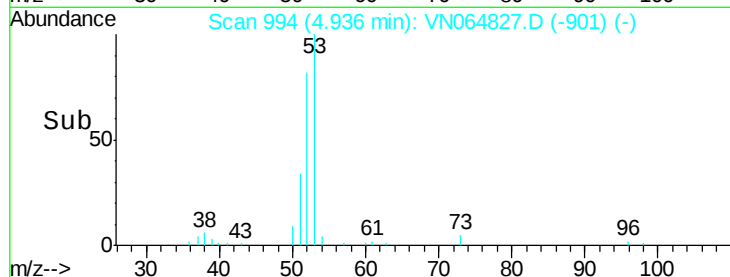
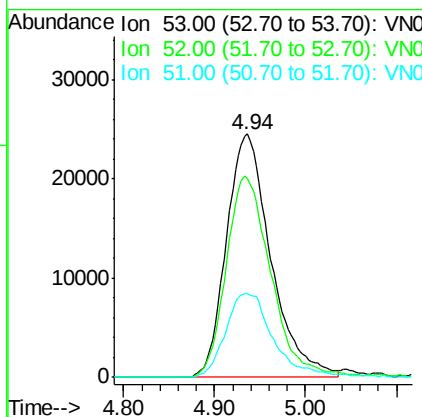
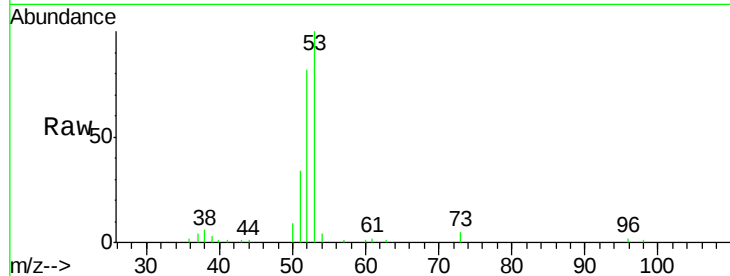
#15
 Acrylonitrile
 Concen: 88.519 ug/l
 RT: 4.94 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	82.1	65.5	98.3	
51	36.8	28.6	43.0	

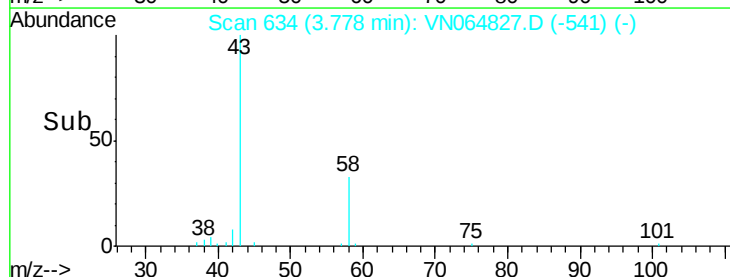
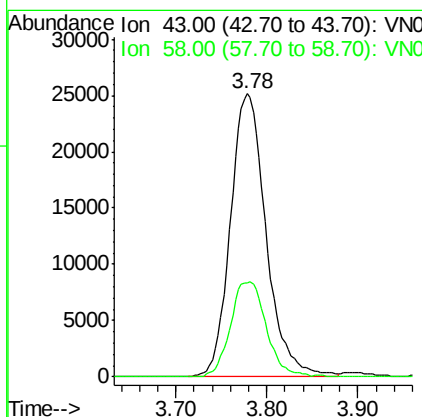
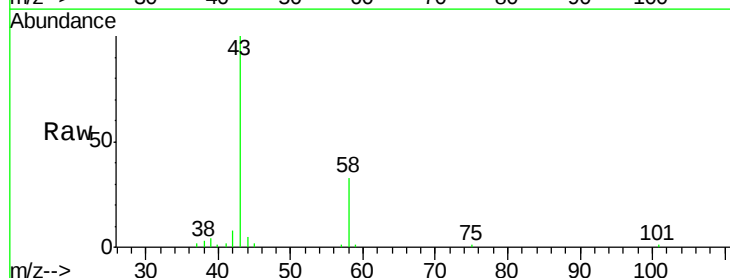
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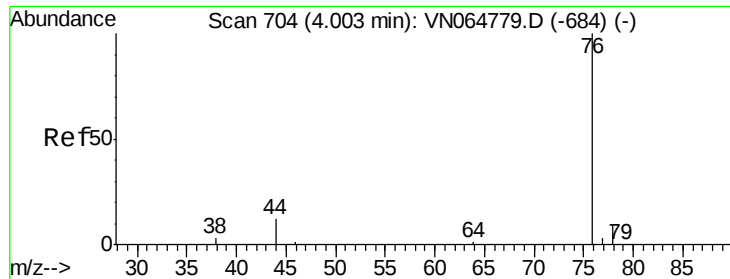
MMDadoda
 11/25/2020 9:51:56 AM



#16
 Acetone
 Concen: 95.573 ug/l
 RT: 3.78 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	33.4	25.7	38.5	





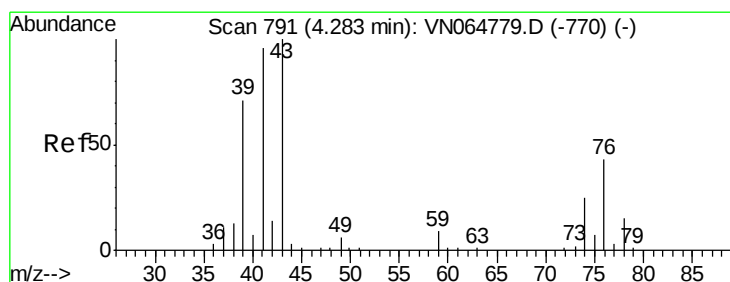
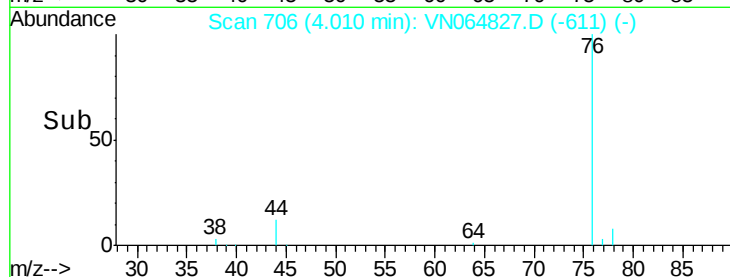
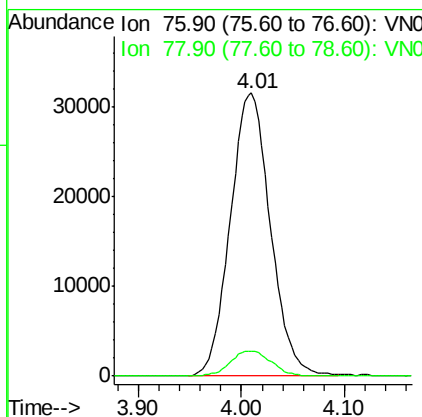
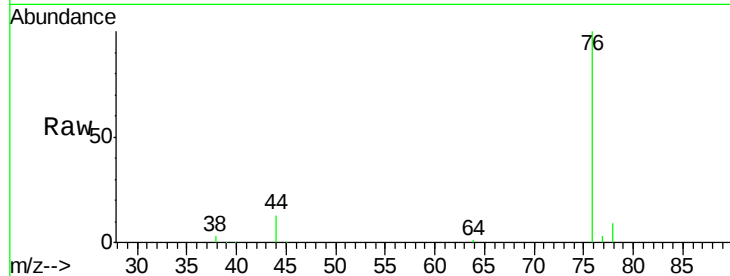
#17
Carbon Disulfide
Concen: 18.202 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.01 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion: 76 Resp: 85525
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

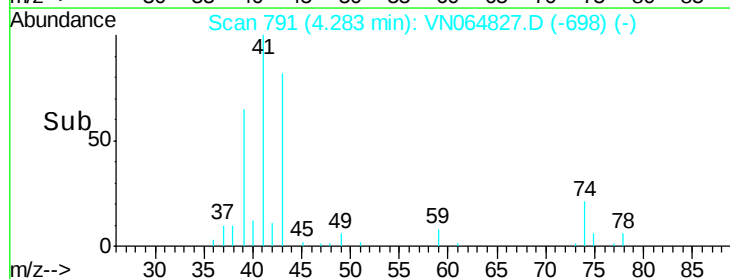
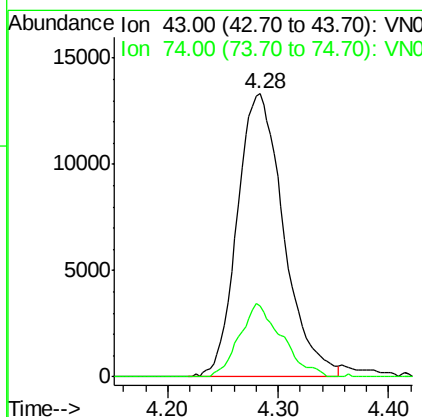
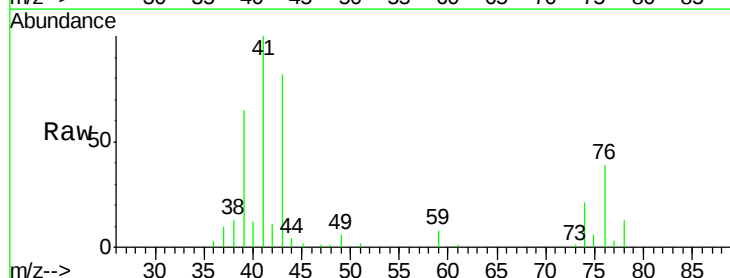
Manual Integrations
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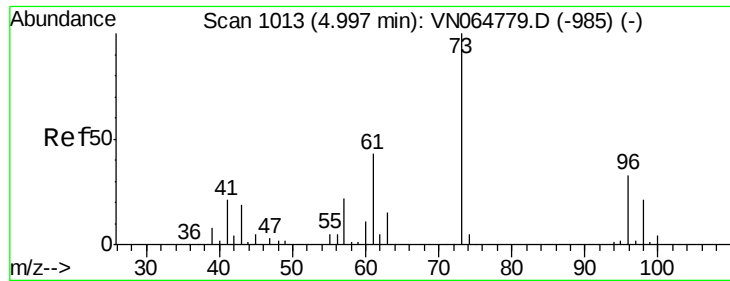
MMDadoda
11/25/2020 9:51:56 AM



#18
Methyl Acetate
Concen: 18.064 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion: 43 Resp: 38959
Ion Ratio Lower Upper
43 100
74 23.5 20.2 30.2





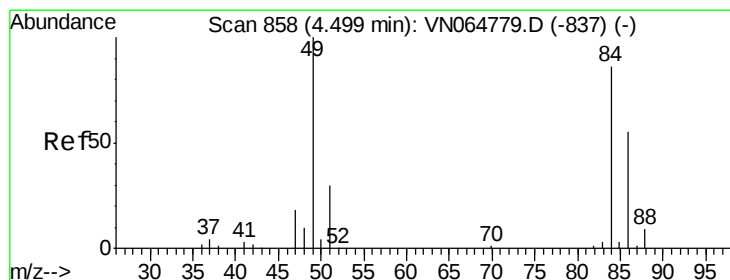
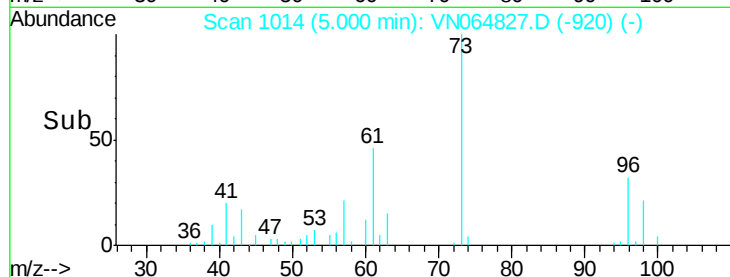
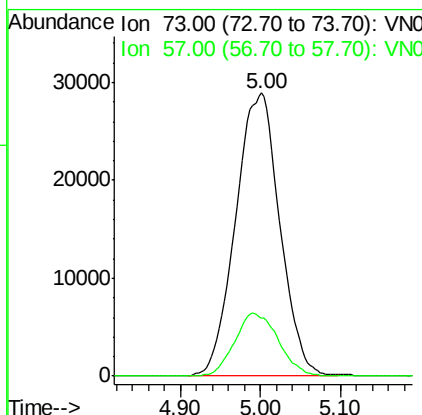
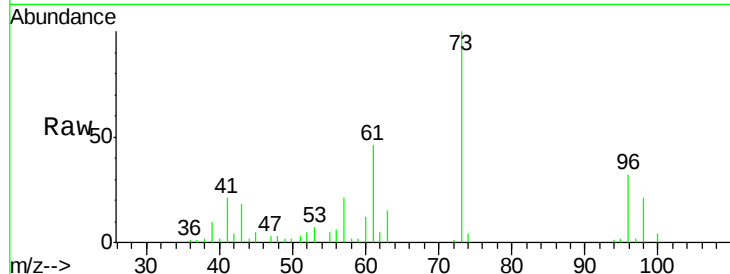
#19
Methvl tert-butvl Ether
Concen: 18.662 ug/l
RT: 5.00 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion: 73 Resp: 108941
Ion Ratio Lower Upper
73 100
57 20.6 17.4 26.0

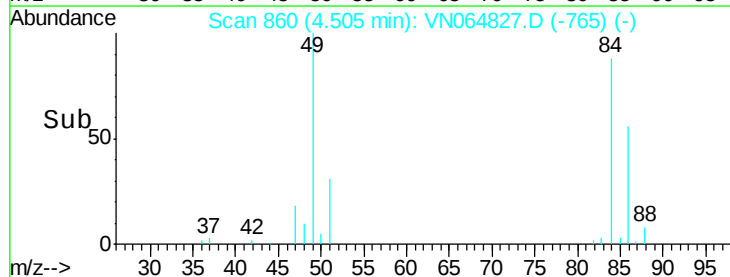
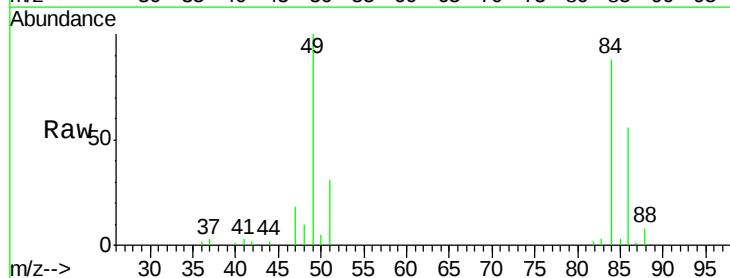
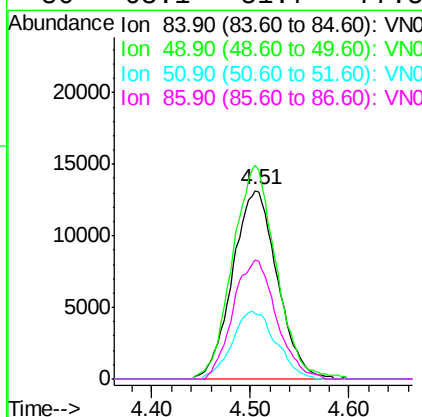
Manual Integrations
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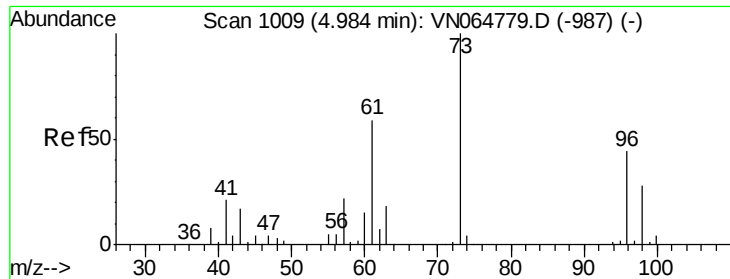
MMDadoda
11/25/2020 9:51:56 AM



#20
Methylene Chloride
Concen: 18.419 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion: 84 Resp: 41402
Ion Ratio Lower Upper
84 100
49 113.3 93.4 140.0
51 34.7 28.2 42.4
86 63.1 51.7 77.5





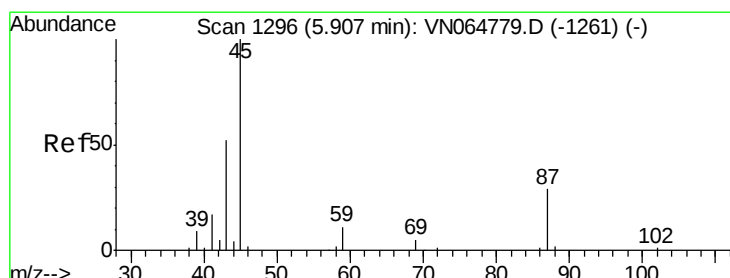
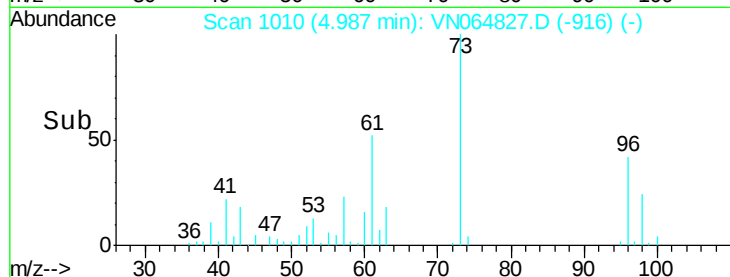
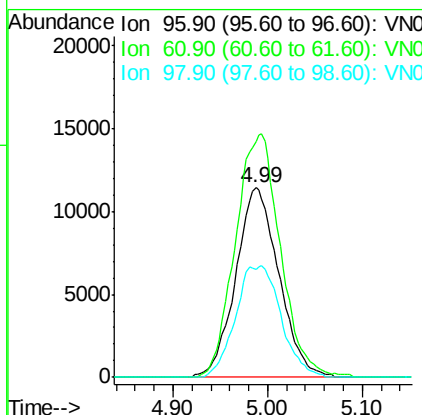
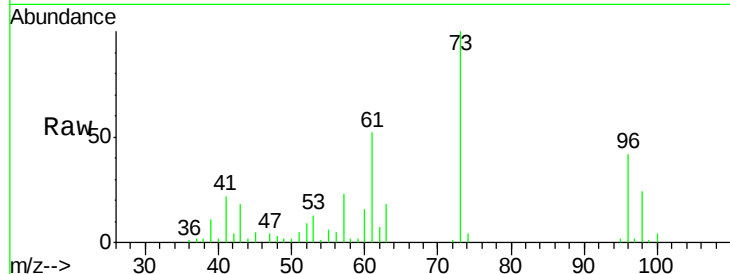
#21
trans-1,2-Dichloroethene
Concen: 17.923 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.6	108.4	162.6
98	57.0	51.3	76.9

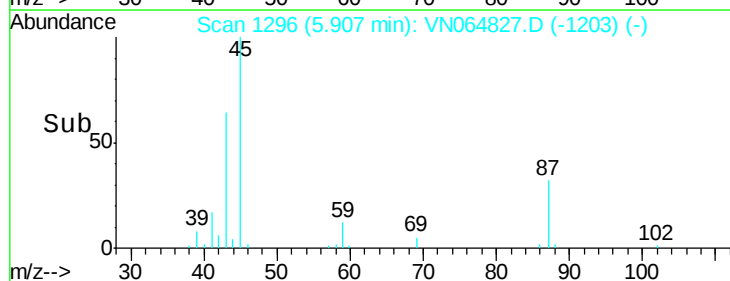
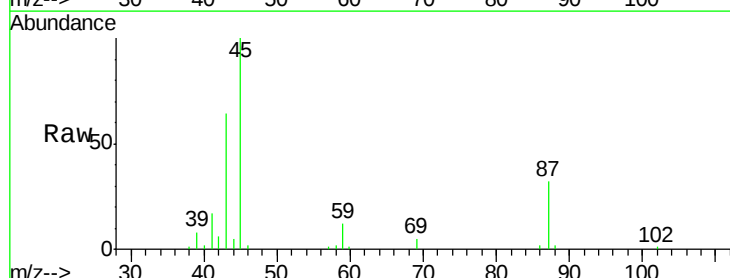
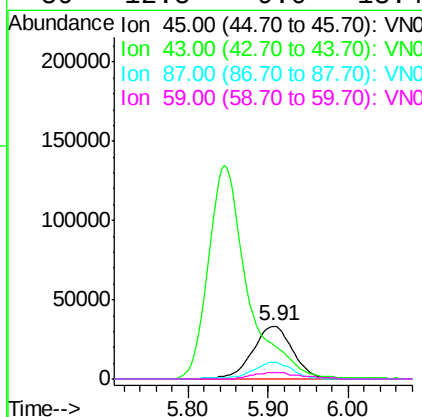
Manual Integrations
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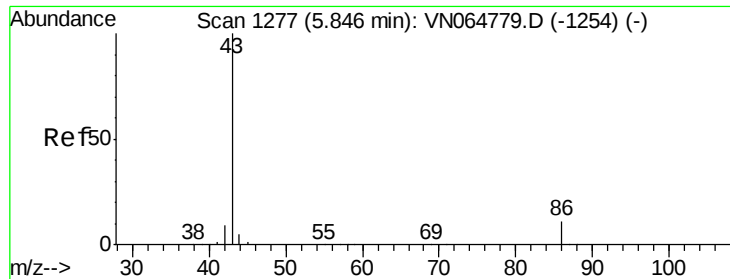
MMDadoda
11/25/2020 9:51:56 AM



#22
Diisopropyl ether
Concen: 19.143 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.8	46.2	69.2
87	31.6	24.1	36.1
59	12.5	9.0	13.4





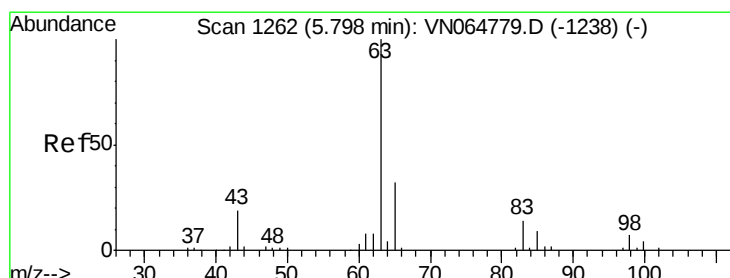
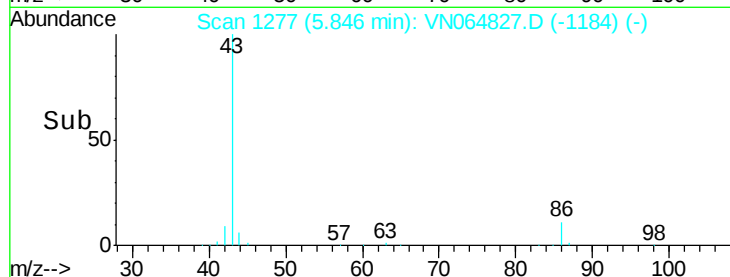
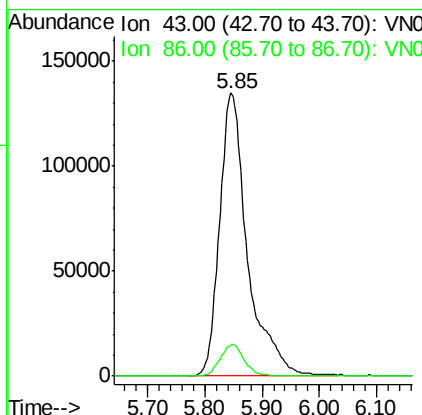
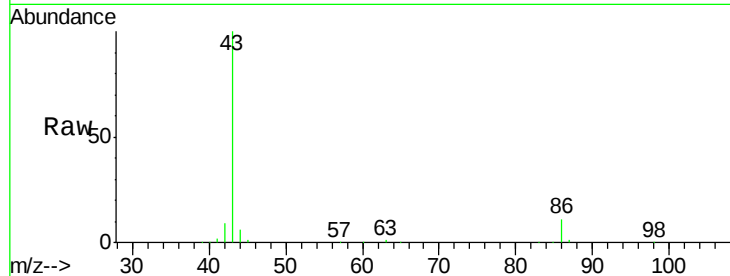
#23
 Vinyl Acetate
 Concen: 95.248 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

Tot Ion	43	Resp	457663
Ion Ratio	100	Lower	Upper
43	100	8.9	13.3
86	11.1		

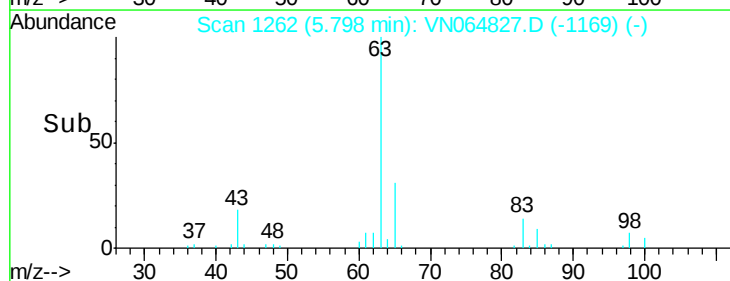
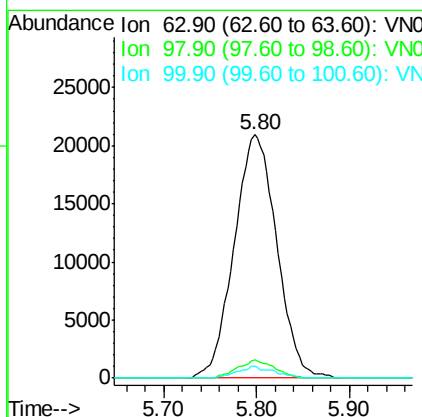
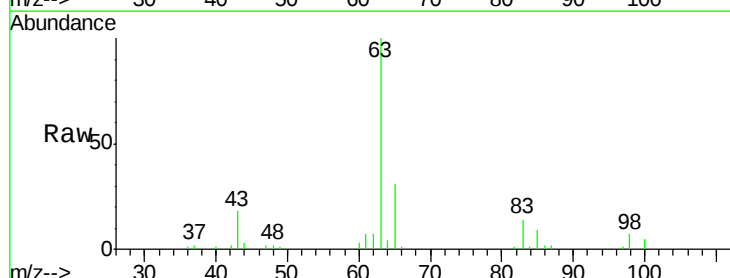
Manual Integrations
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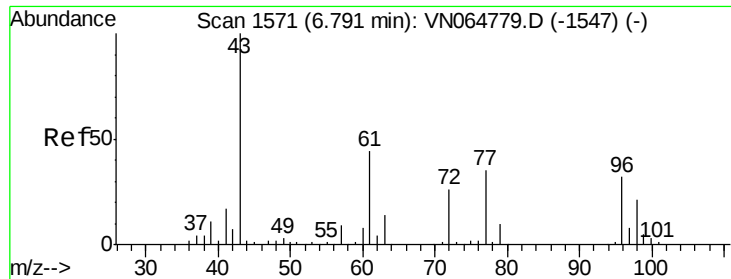
MMDadoda
 11/25/2020 9:51:56 AM



#24
 1,1-Dichloroethane
 Concen: 18.567 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion	63	Resp	66674
Ion Ratio	100	Lower	Upper
63	100	3.5	10.5
98	7.5		
100	5.0	2.3	6.8





#25

2-Butanone

Concen: 92.429 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

Tot Ion: 43 Resp: 107477

Ion Ratio Lower Upper

43 100

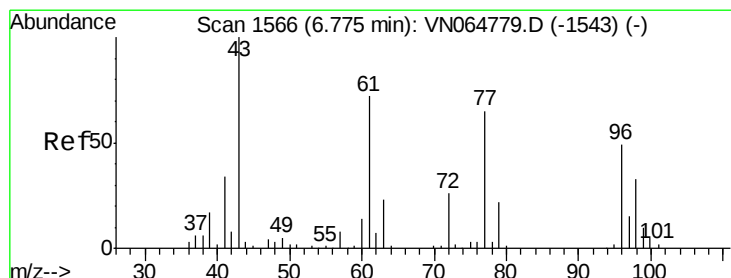
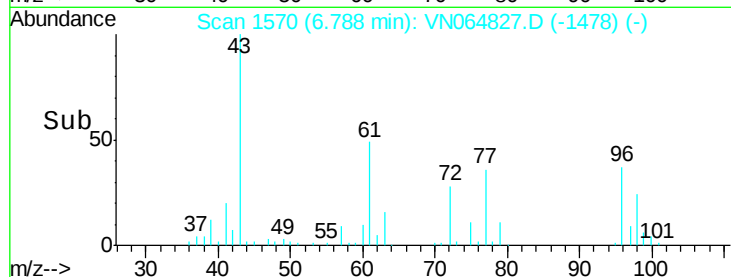
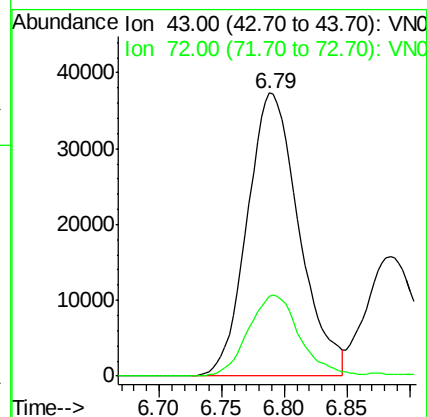
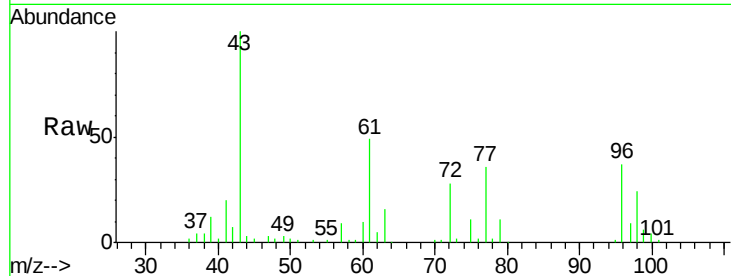
72 28.0 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 16.283 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064827.D

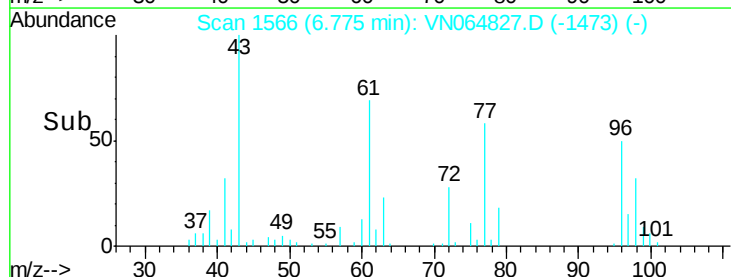
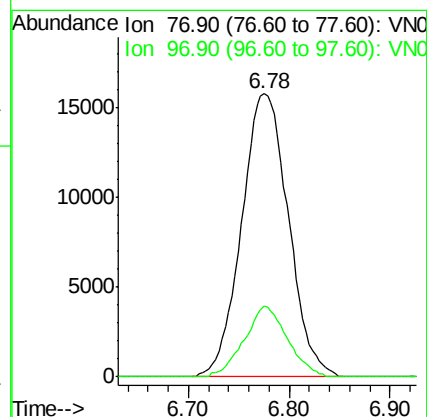
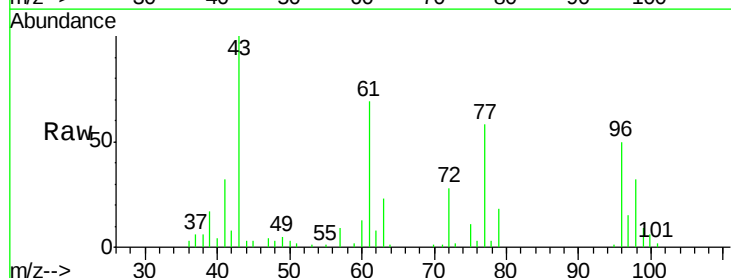
Acq: 24 Nov 2020 22:41

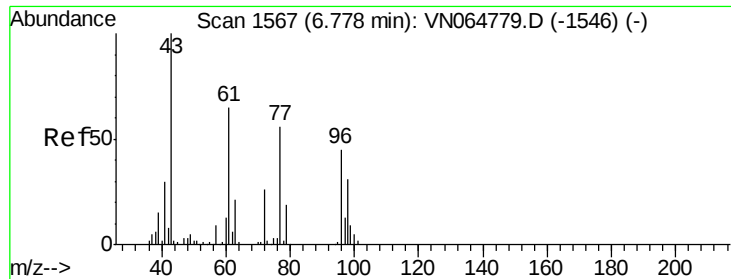
Tgt Ion: 77 Resp: 50712

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0





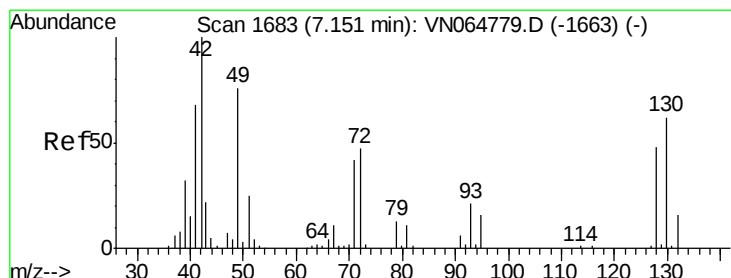
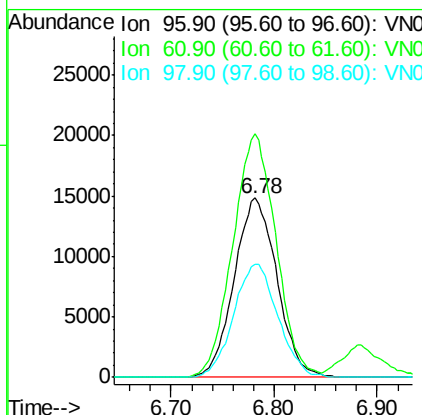
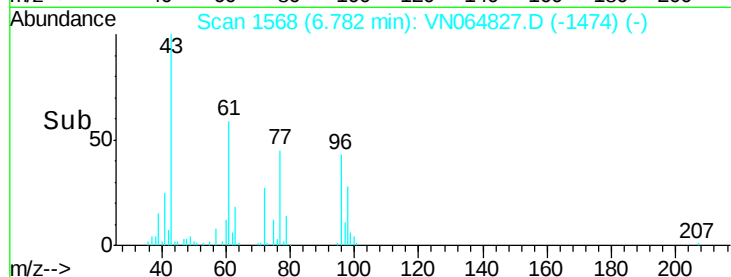
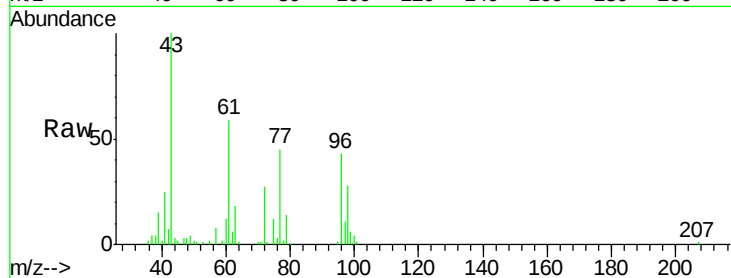
#27
 cis-1,2-Dichloroethene
 Concen: 18.841 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	285.8
98	65.1	0.0	130.6

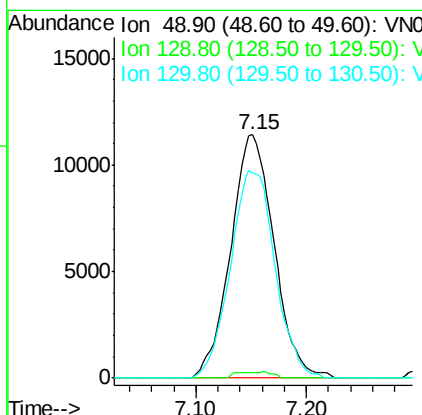
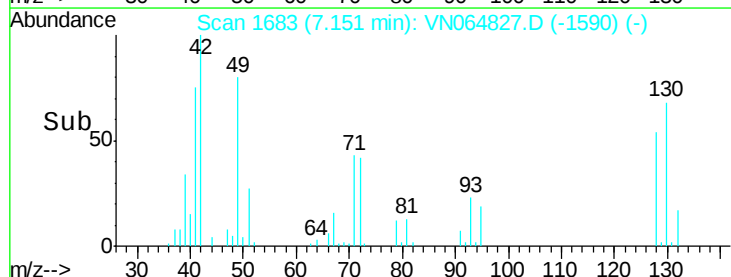
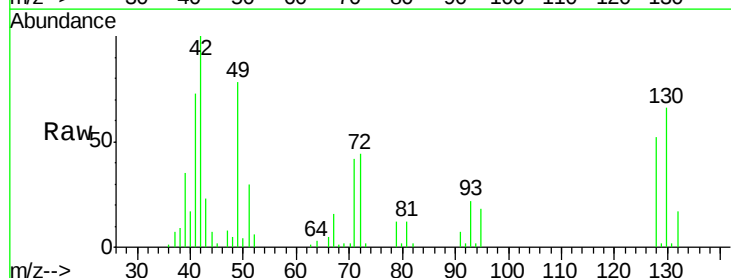
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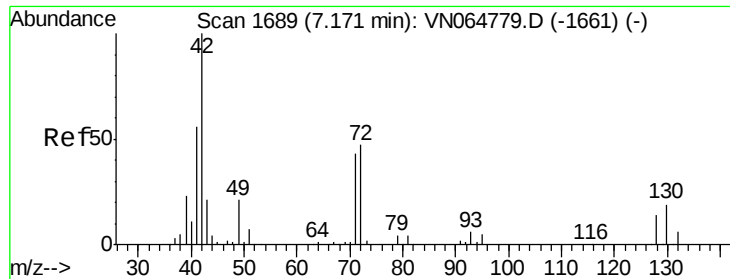
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 11/25/2020 9:51:56 AM



#28
 Bromochloromethane
 Concen: 18.952 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.8
130	87.5	66.2	99.2





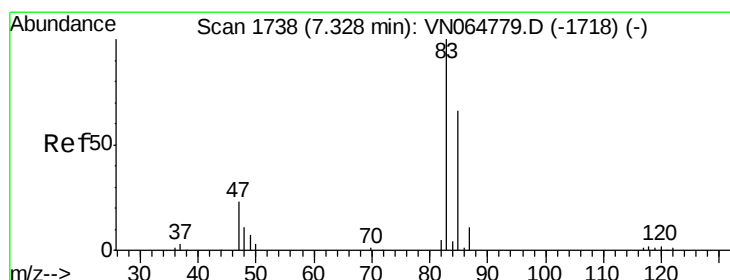
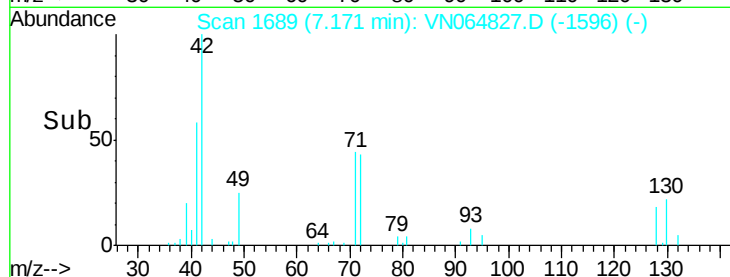
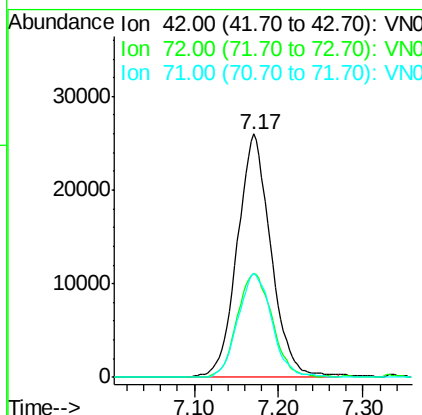
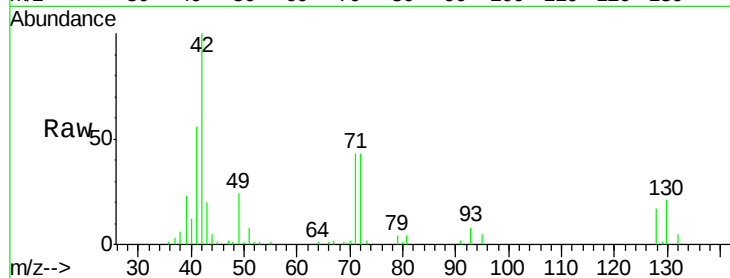
#29
Tetrahydrofuran
Concen: 90.047 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	36.6	54.8
71	42.8	33.6	50.4

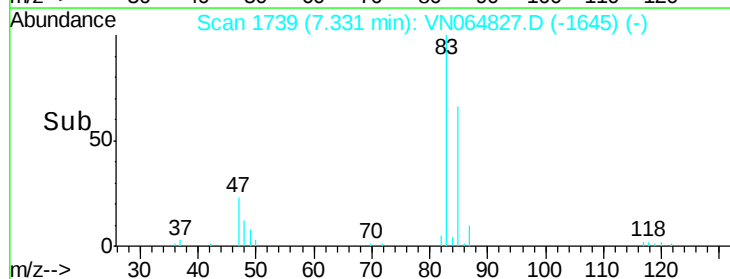
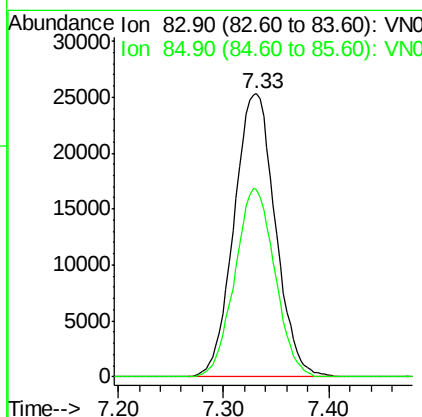
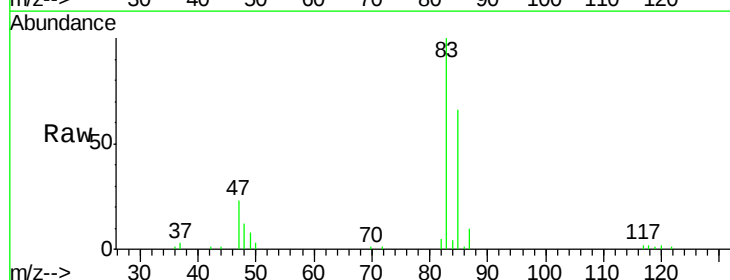
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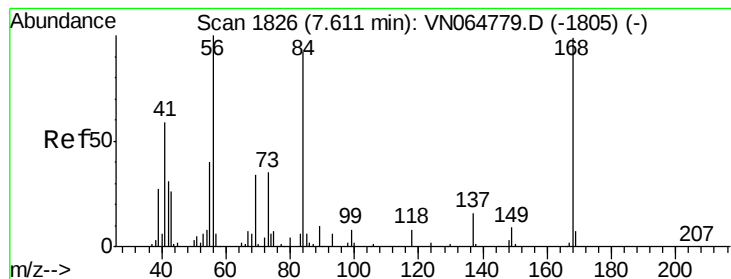
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#30
Chloroform
Concen: 18.569 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.6	78.8





#31

Cvclohexane

Concen: 18.312 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

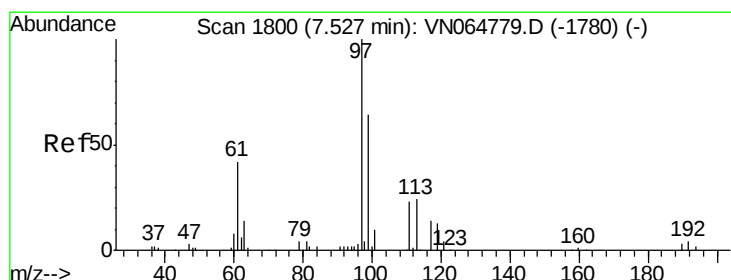
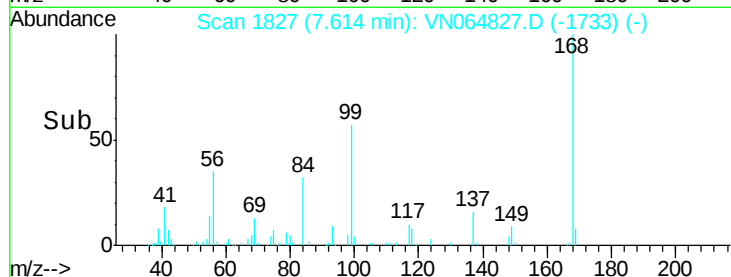
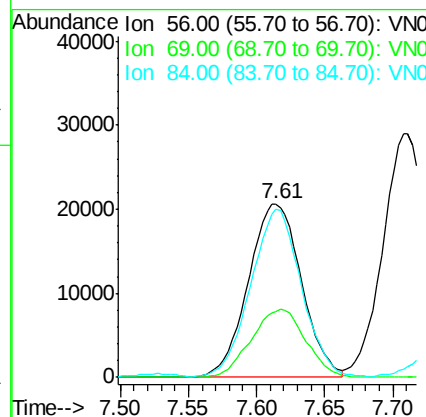
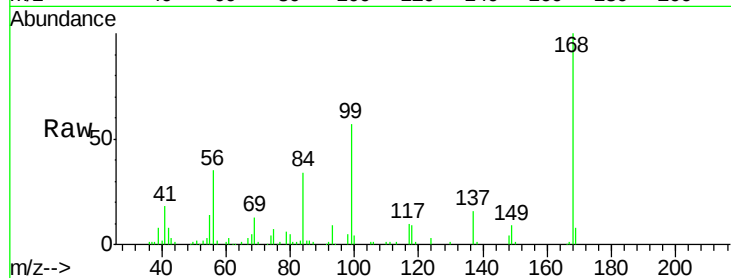
ClientSampleId :

VN1124WBSD02

Tot Ion:	56	Resp:	55692
Ion	Ratio	Lower	Upper
56	100		
69	38.2	27.5	41.3
84	96.7	73.9	110.9

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#32

1,1,1-Trichloroethane

Concen: 18.835 ug/l

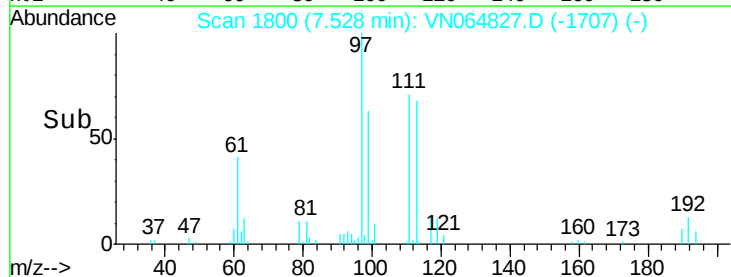
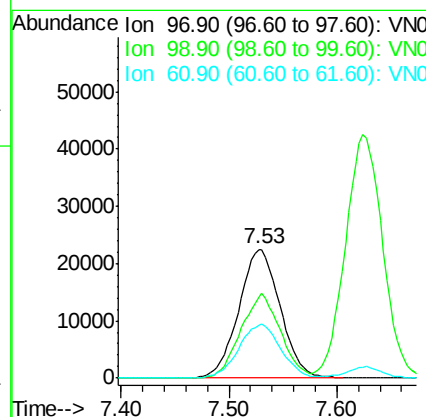
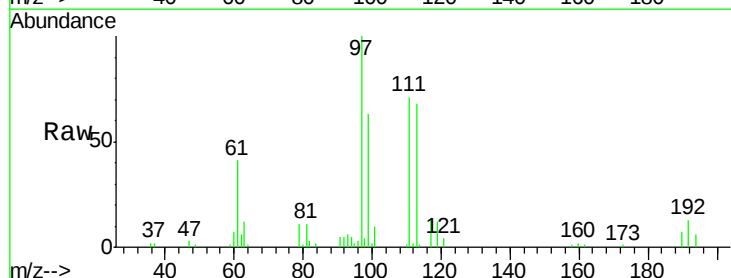
RT: 7.53 min Scan# 1800

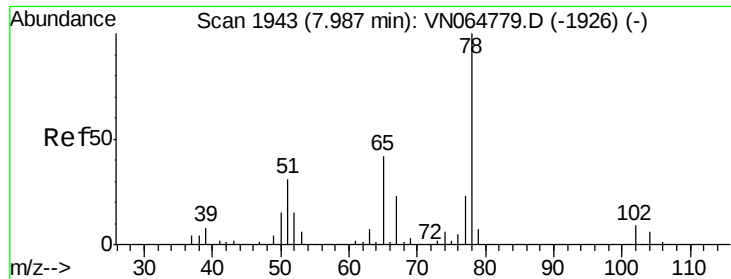
Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Tgt Ion:	97	Resp:	59906
Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.7	77.5
61	42.4	33.9	50.9





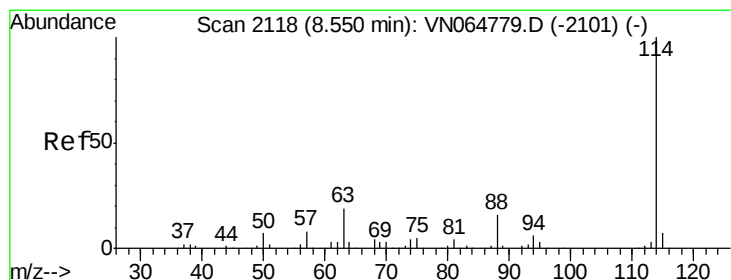
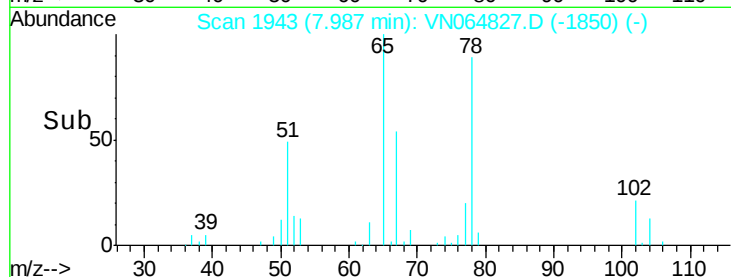
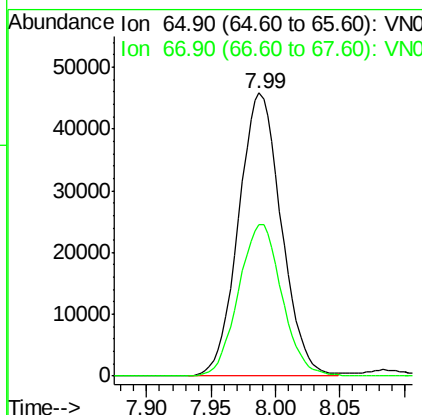
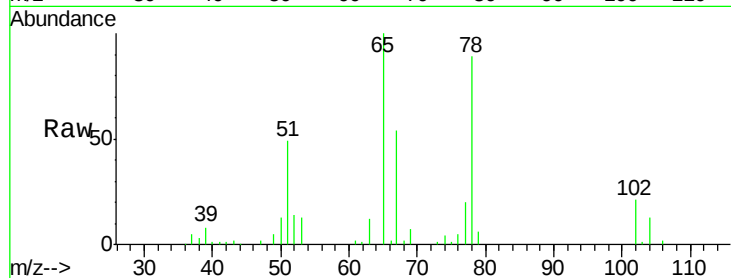
#33
 1,2-Dichloroethane-d4
 Concen: 48.555 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	105952		
67	54.2	0.0	108.2	

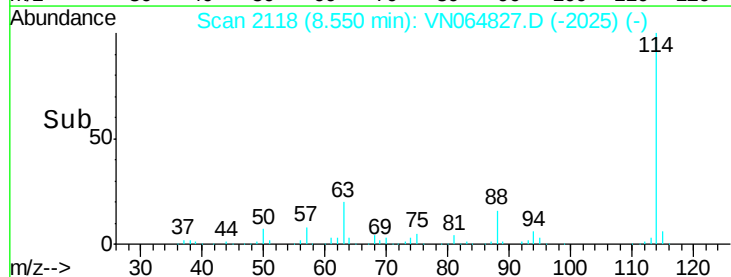
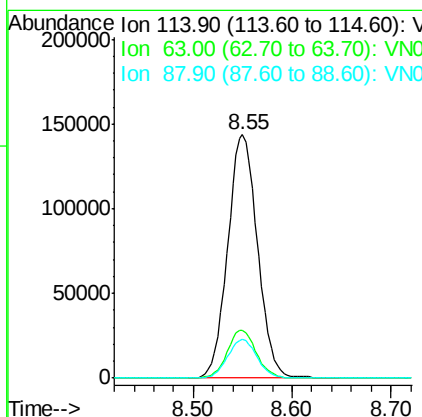
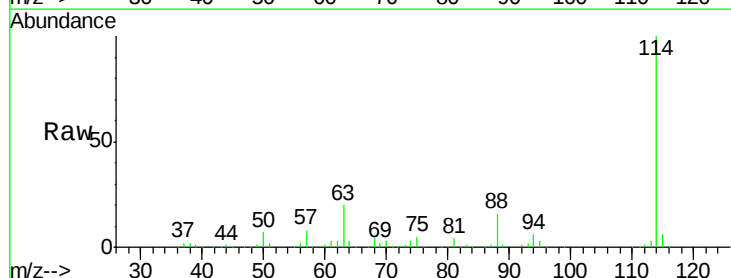
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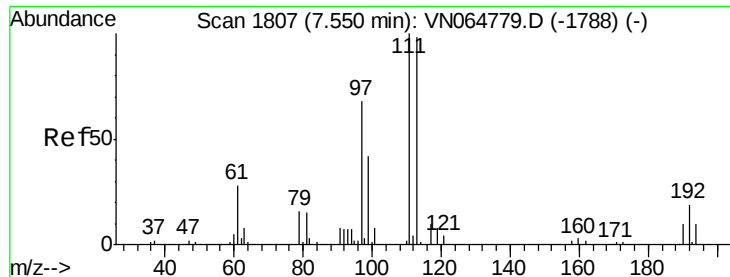
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	302770		
63	19.7	0.0	38.6	
88	15.7	0.0	32.6	





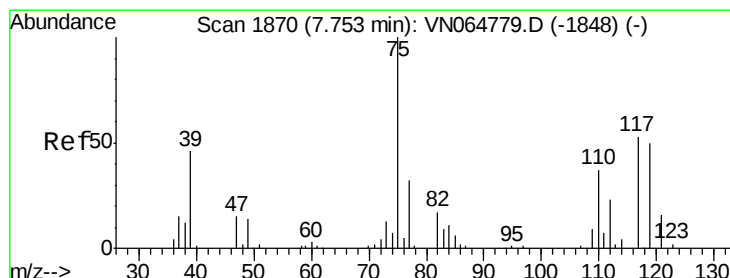
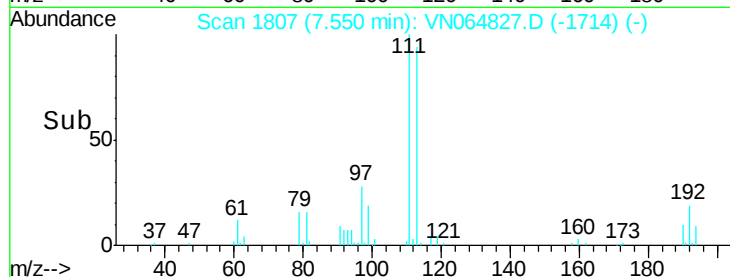
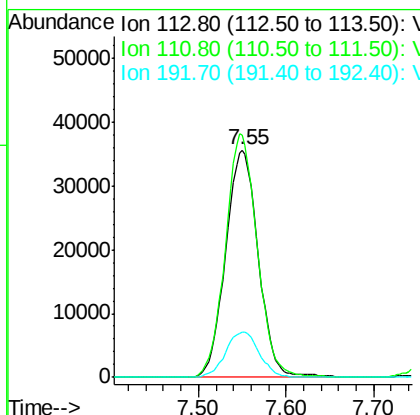
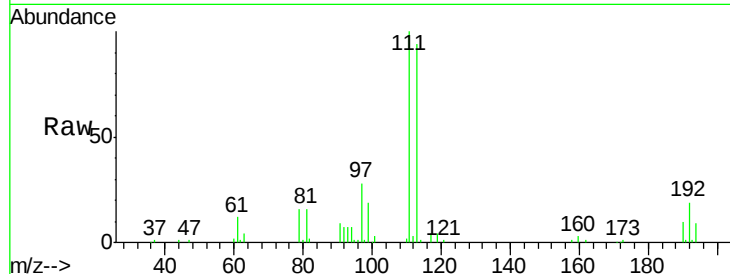
#35
Dibromofluoromethane
Concen: 50.815 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.2	81.6	122.4	
192	20.3	16.2	24.2	

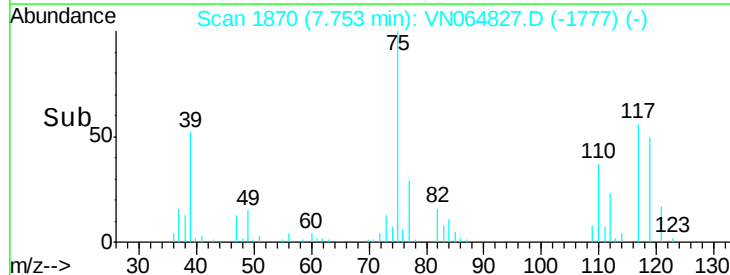
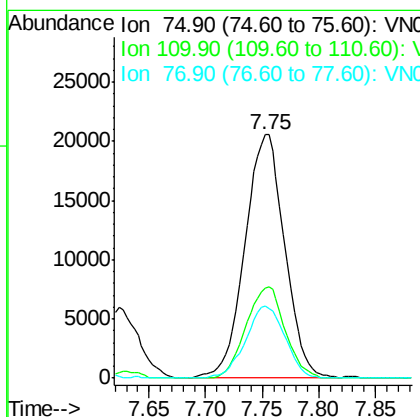
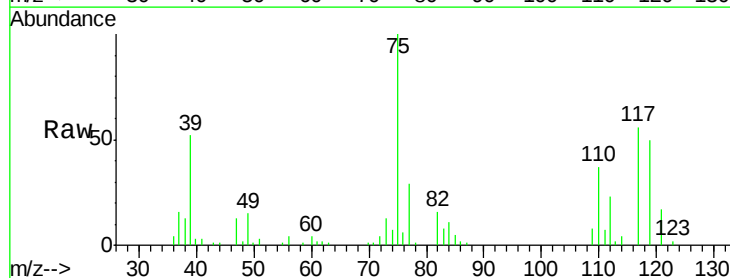
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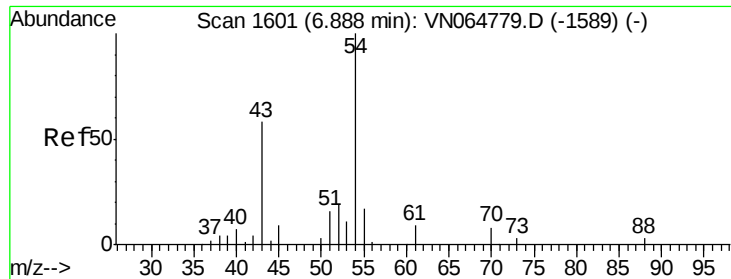
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#36
1,1-Dichloropropene
Concen: 17.884 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.6	17.8	53.3	
77	29.2	25.0	37.4	





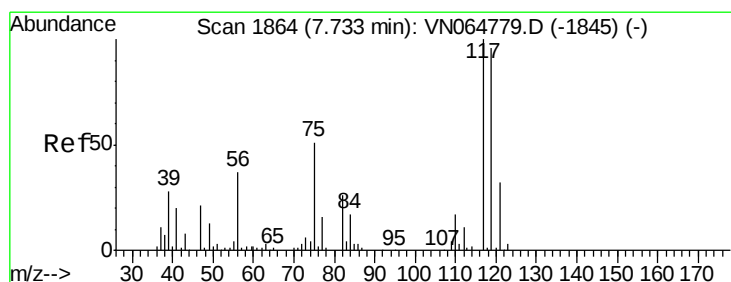
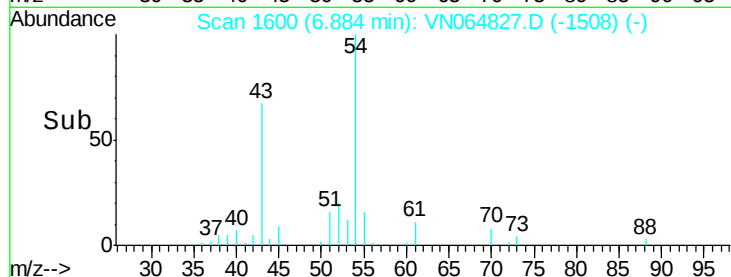
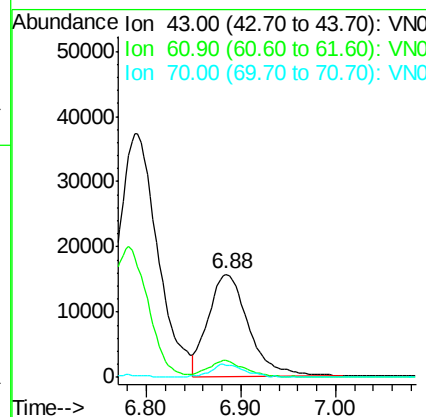
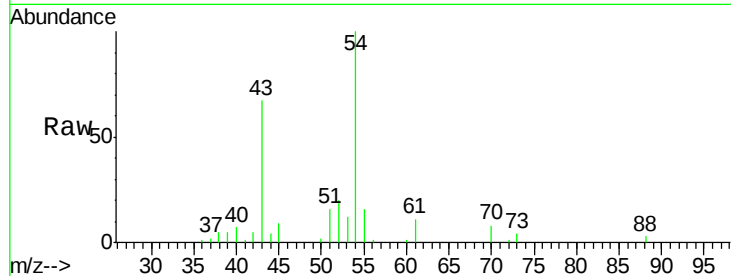
#37
Ethyl Acetate
Concen: 17.104 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleID :
VN1124WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.8	19.2
70	10.7	8.8	13.2

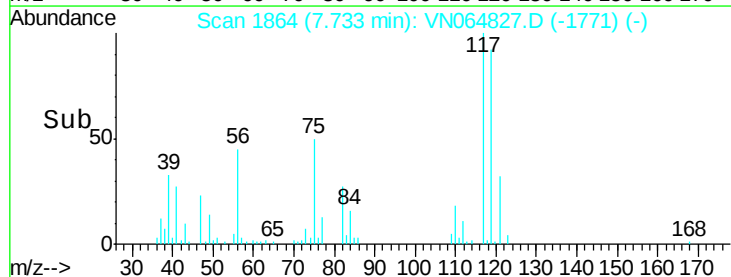
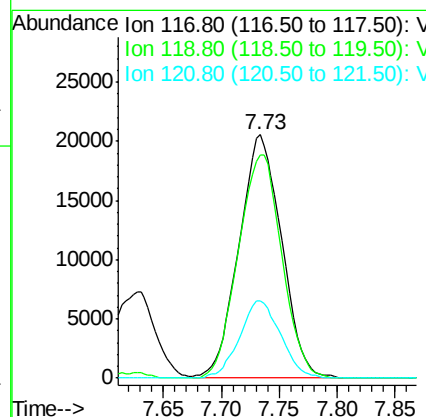
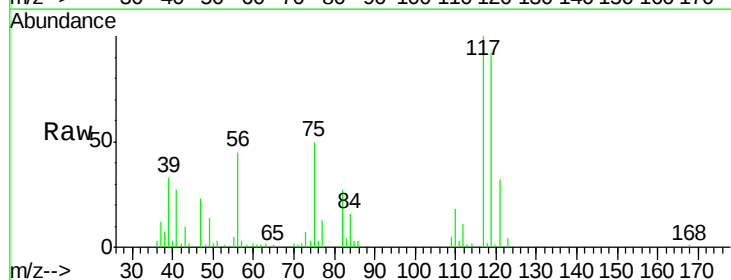
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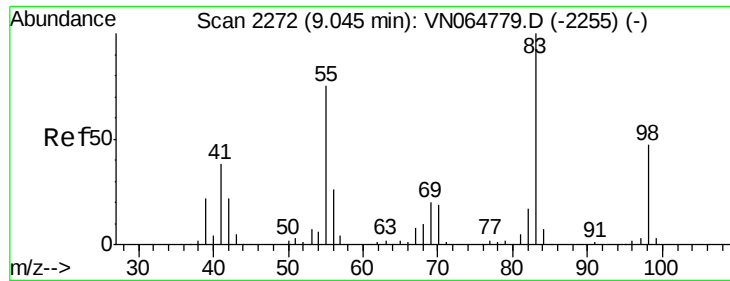
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#38
Carbon Tetrachloride
Concen: 17.976 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.9	76.7	115.1
121	31.8	25.4	38.2





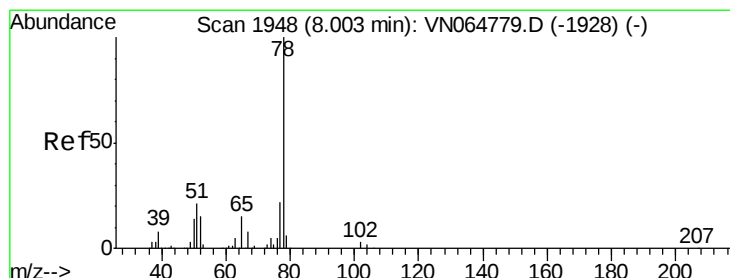
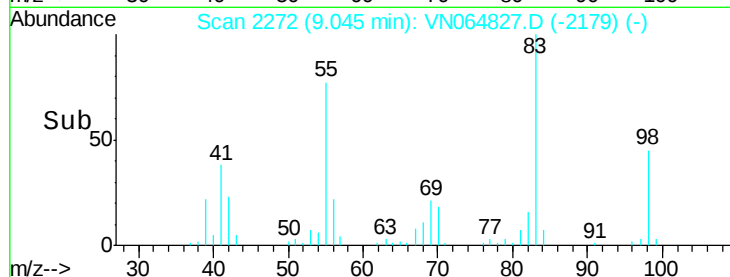
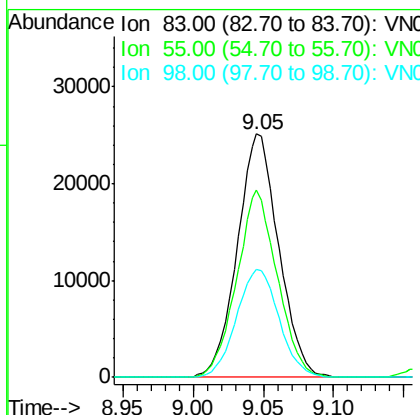
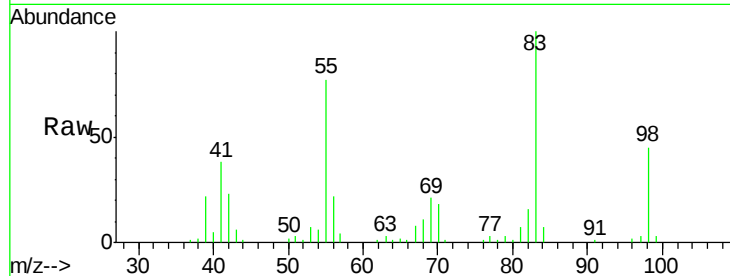
#39
Methvlcvclohexane
Concen: 17.037 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	60.2	90.2
98	44.5	37.4	56.2

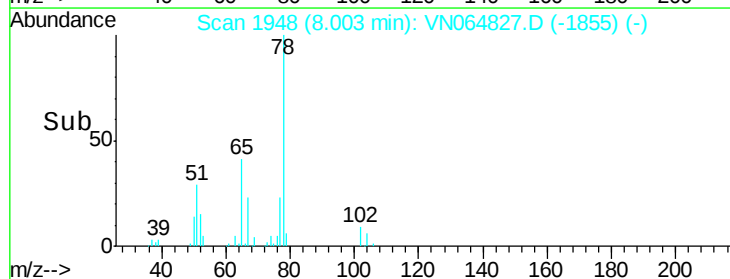
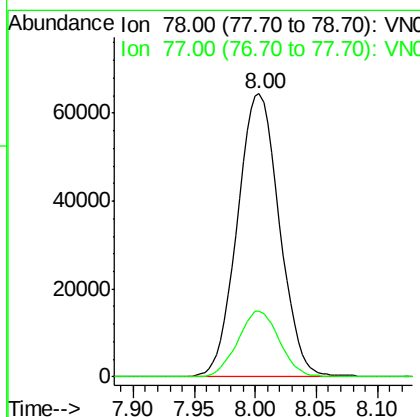
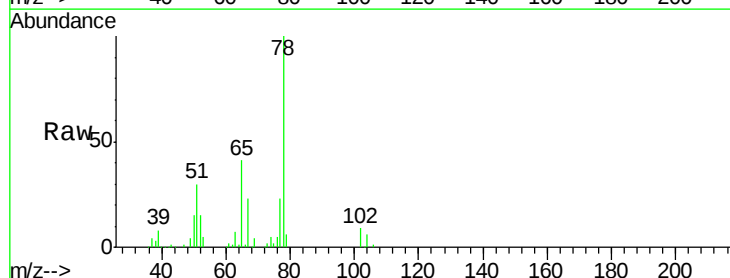
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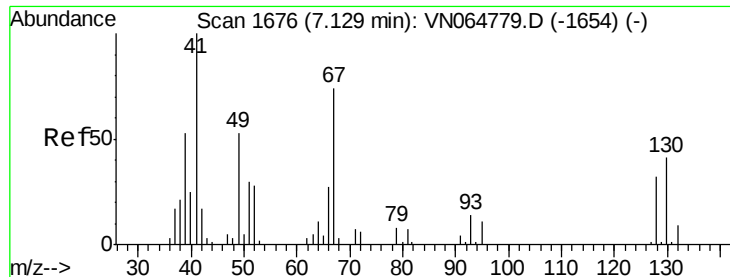
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#40
Benzene
Concen: 17.842 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	17.9	26.9





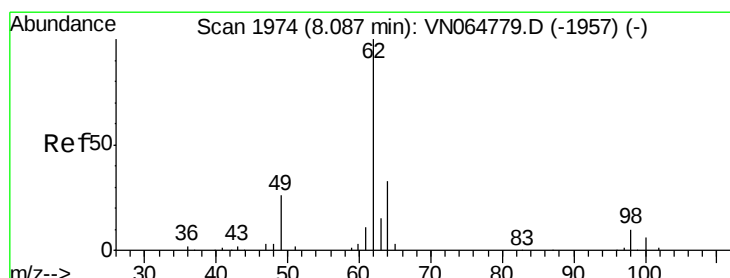
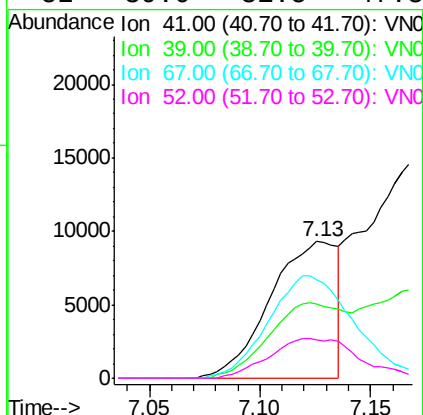
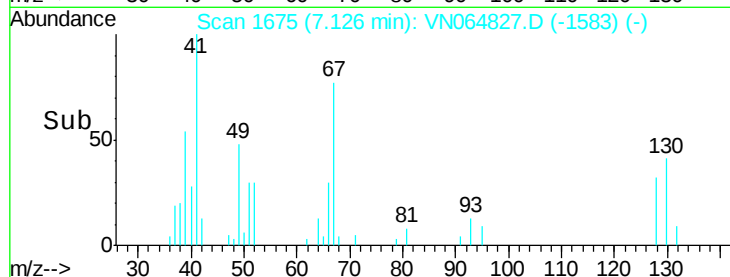
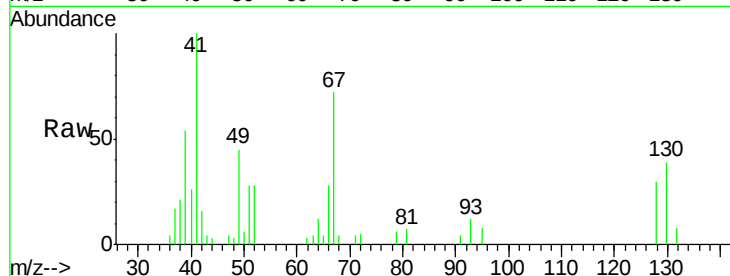
#41
Methacrylonitrile
Concen: 15.740 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion:	41	Resp:	19634
Ion	Ratio	Lower	Upper
41	100		
39	63.4	51.0	76.6
67	97.1	79.8	119.8
52	39.0	31.5	47.3

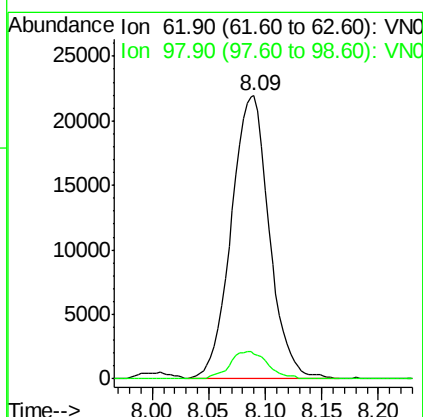
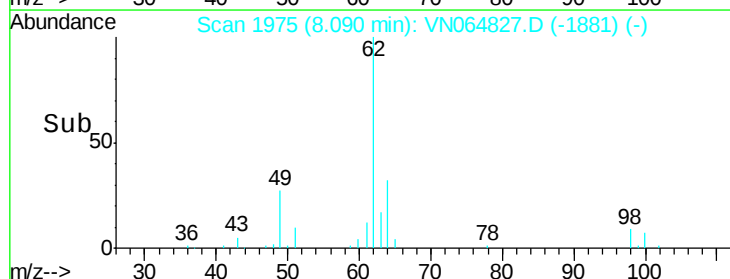
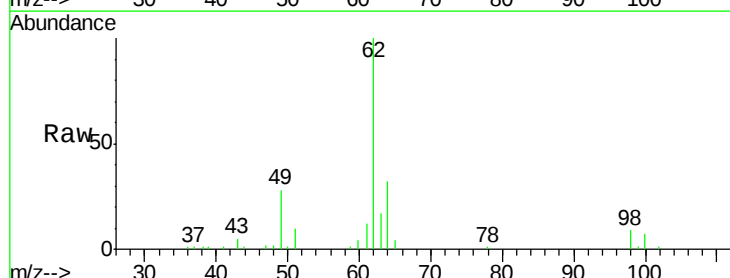
Manual Integrations
APPROVED

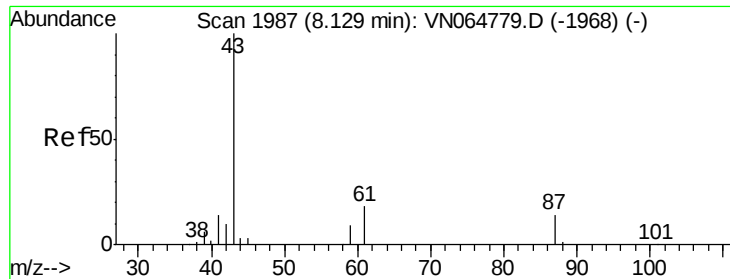
MMDadoda
11/25/2020 9:51:56 AM



#42
1,2-Dichloroethane
Concen: 17.660 ug/l
RT: 8.09 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion:	62	Resp:	51234
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.6





#43

Isopropyl Acetate

Concen: 17.231 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

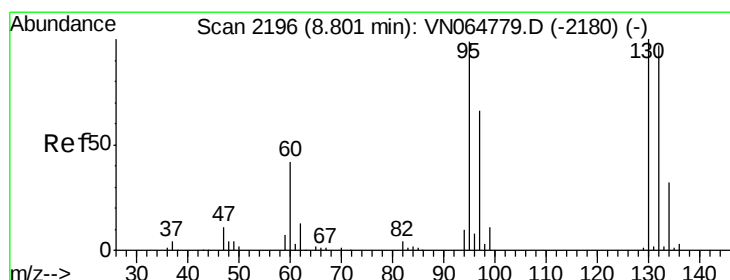
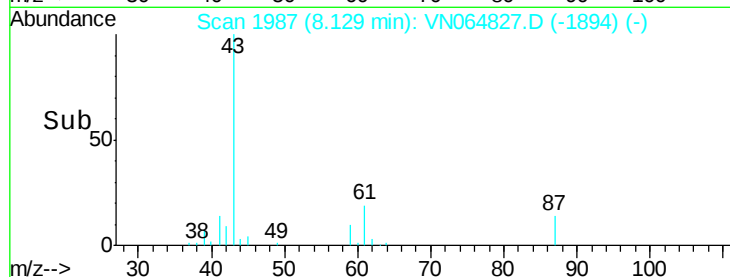
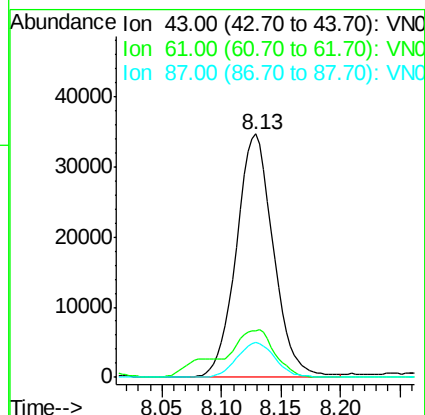
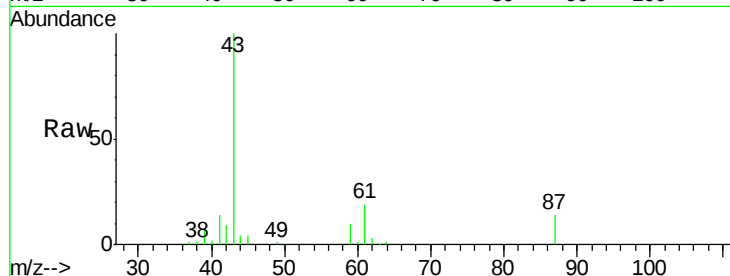
ClientSampleId :

VN1124WBSD02

Tot Ion:	43	Resp:	74955
Ion	Ratio	Lower	Upper
43	100		
61	20.8	17.2	25.8
87	14.5	11.4	17.0

Manual Integrations
APPROVED

MMDadoda
11/25/2020 9:51:56 AM



#44

Trichloroethene

Concen: 17.428 ug/l

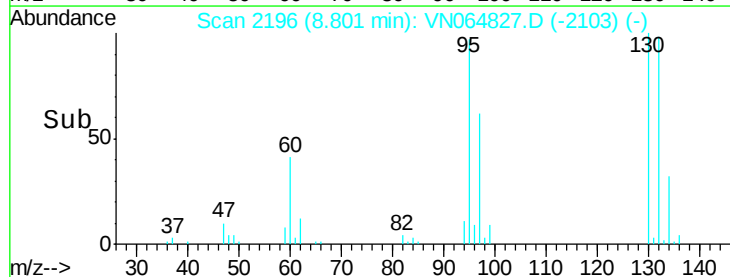
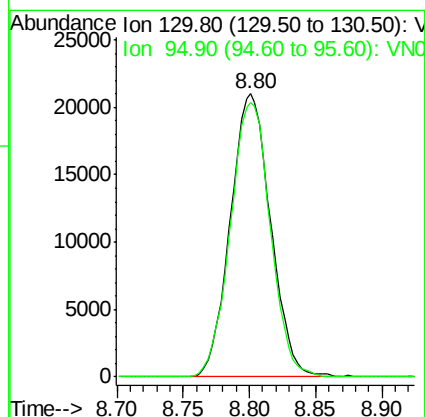
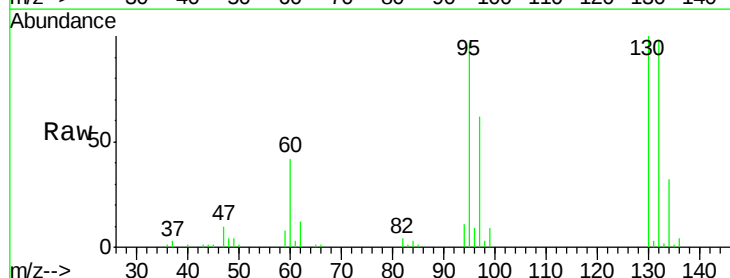
RT: 8.80 min Scan# 2196

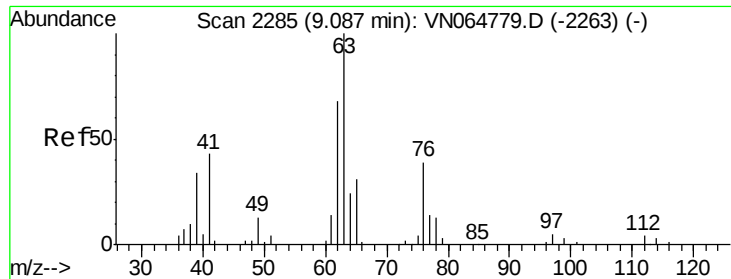
Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Tgt Ion:	130	Resp:	44221
Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	197.8





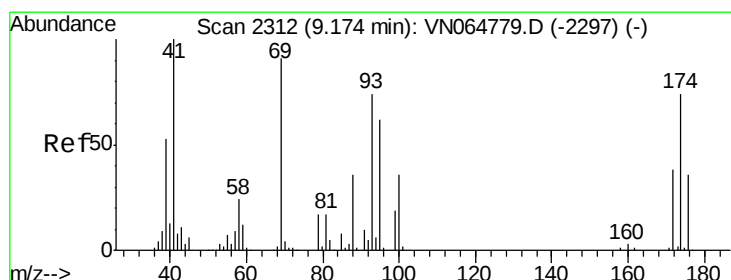
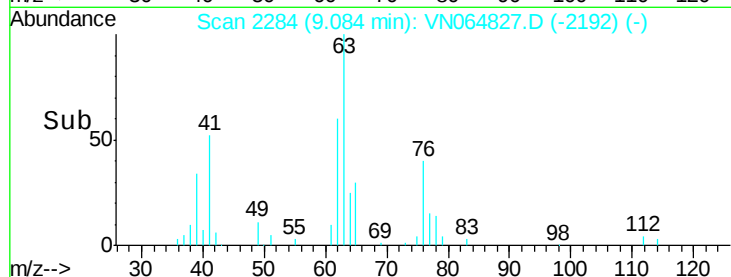
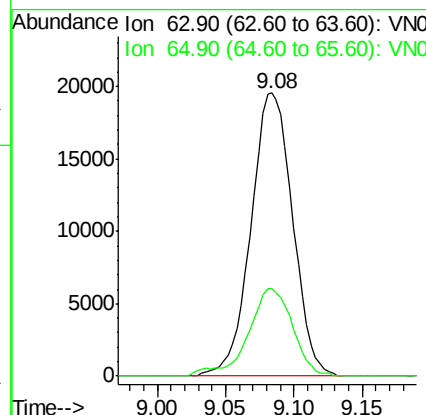
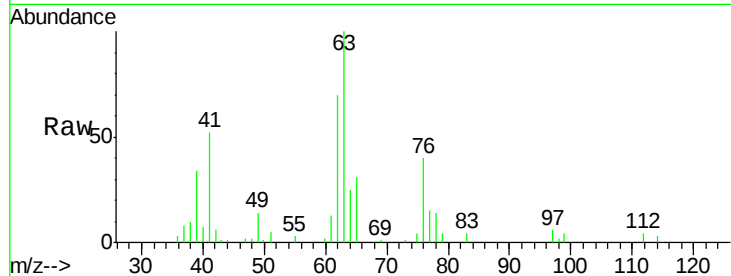
#45
 1,2-Dichloropropane
 Concen: 18.623 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

Tot Ion: 63 Resp: 41475
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.4

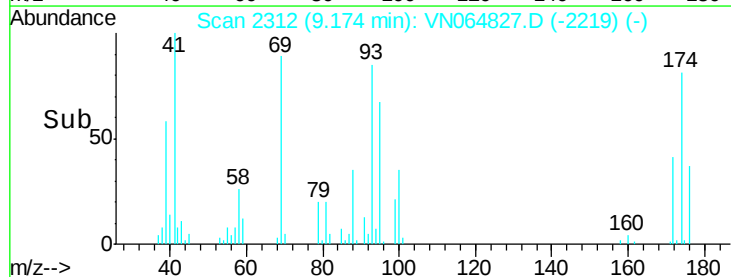
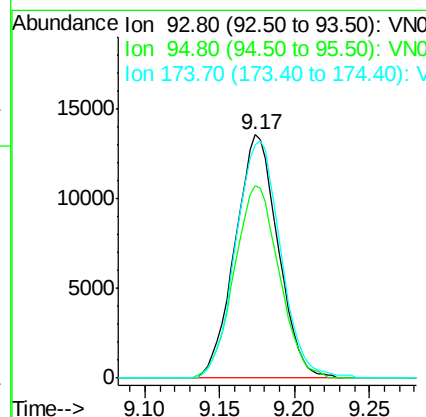
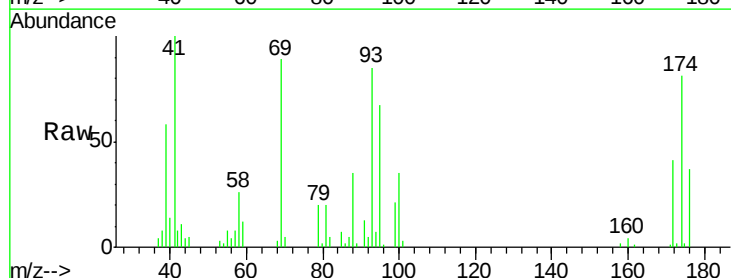
Manual Integrations
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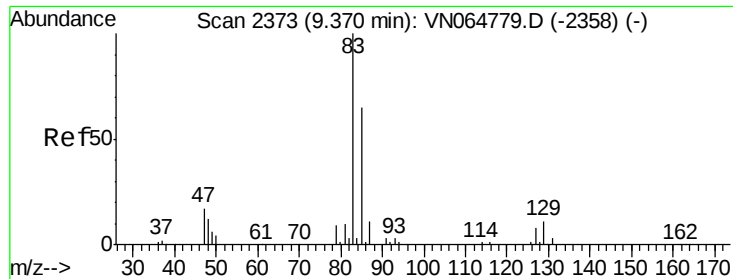
MMDadoda
 11/25/2020 9:51:56 AM



#46
 Dibromomethane
 Concen: 18.233 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion: 93 Resp: 27128
 Ion Ratio Lower Upper
 93 100
 95 82.6 68.8 103.2
 174 101.9 83.1 124.7





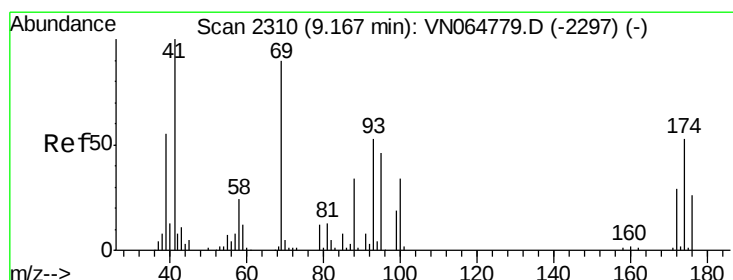
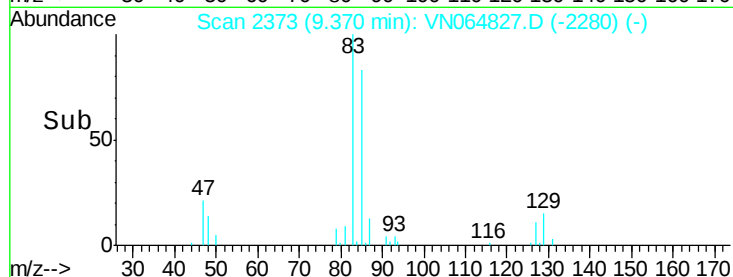
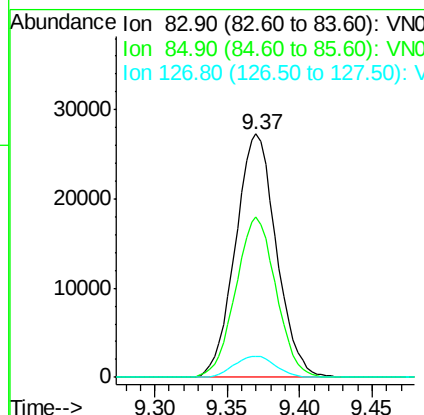
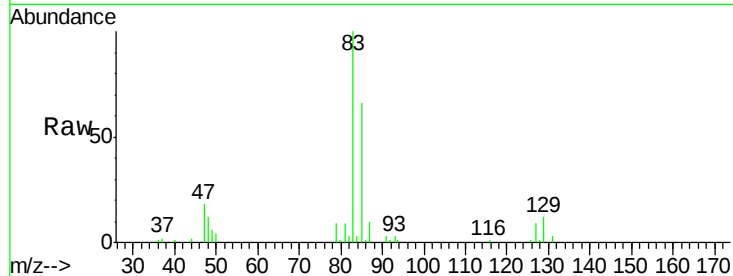
#47
Bromodichloromethane
Concen: 17.830 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion	83	Resp	53378
Ion Ratio	100	Lower	Upper
83	100		
85	65.7	51.8	77.8
127	8.8	6.8	10.2

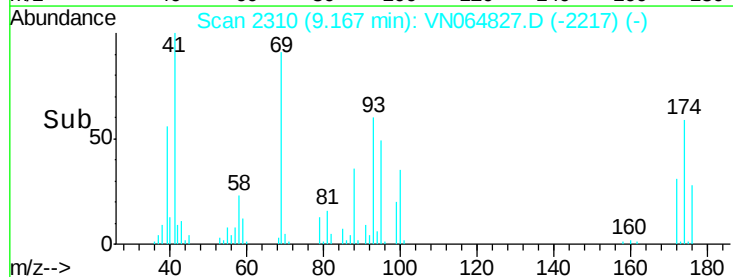
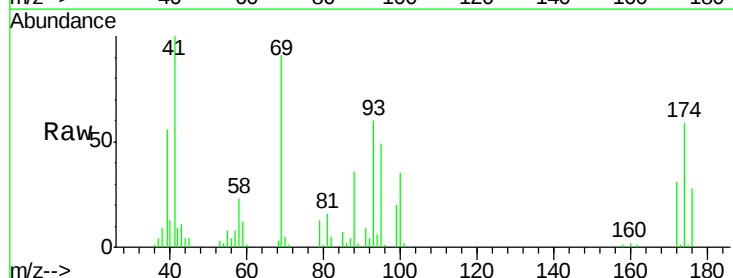
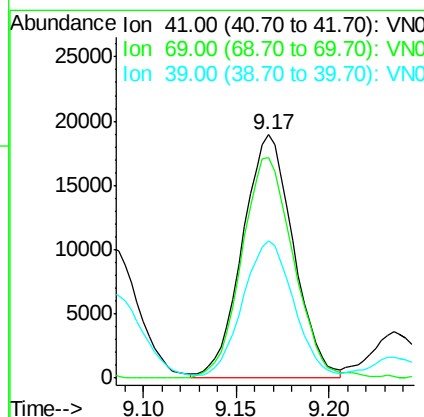
Manual Integrations
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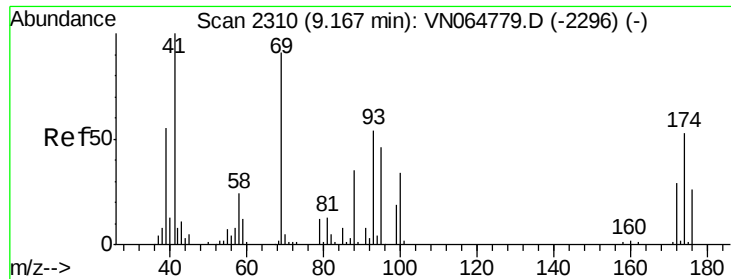
MMDadoda
11/25/2020 9:51:56 AM



#48
Methyl methacrylate
Concen: 17.374 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion	41	Resp	36113
Ion Ratio	100	Lower	Upper
41	100		
69	92.3	71.8	107.8
39	55.6	44.1	66.1





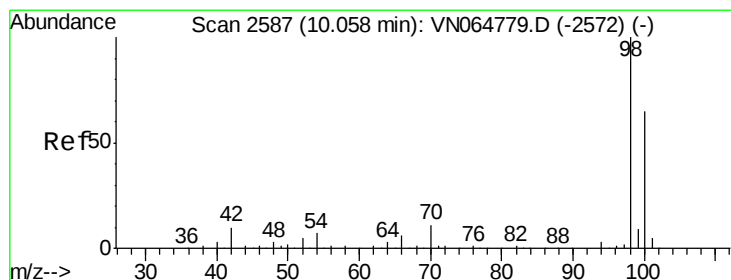
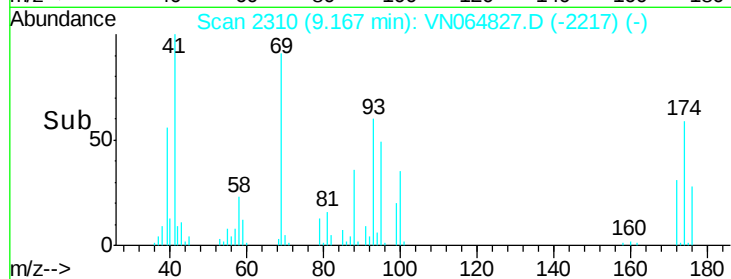
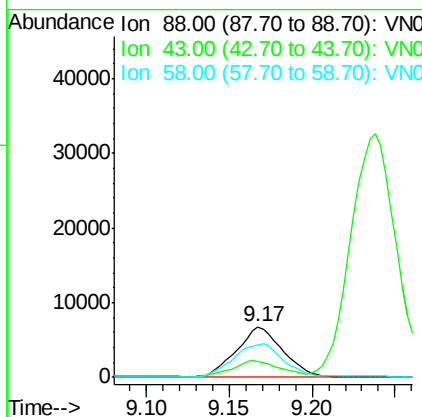
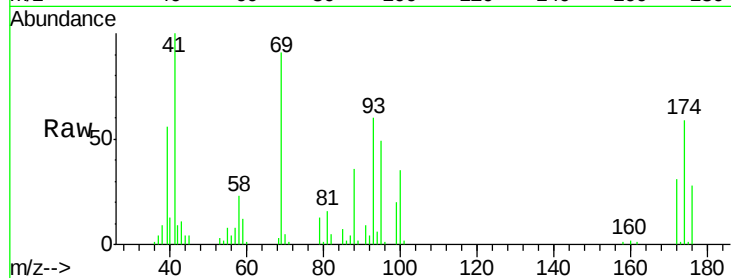
#49
1,4-Dioxane
Concen: 333.944 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion	88	Resp	13119
Ion	Ratio	Lower	Upper
88	100		
43	34.7	24.2	36.4
58	71.4	52.5	78.7

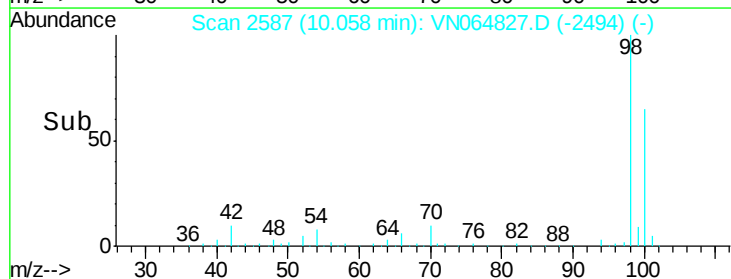
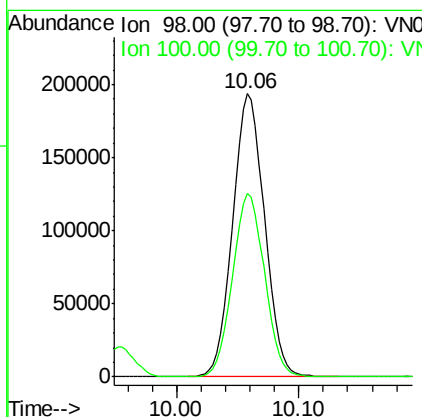
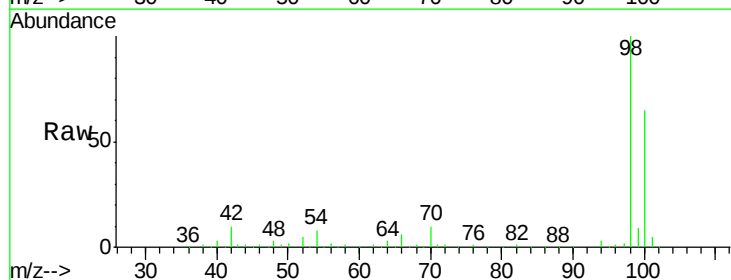
Manual Integrations
APPROVED

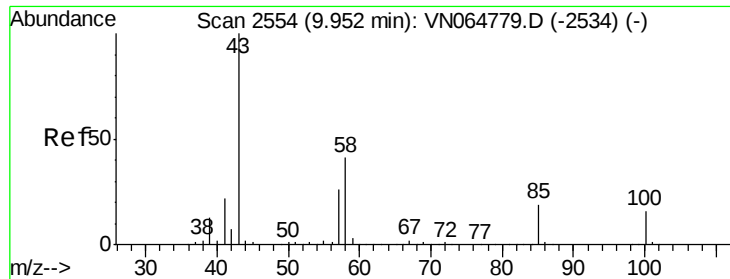
MMDadoda
11/25/2020 9:51:56 AM



#50
Toluene-d8
Concen: 47.431 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion	98	Resp	351105
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 88.325 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

Tot Ion: 43 Resp: 230657

Ion Ratio Lower Upper

43 100

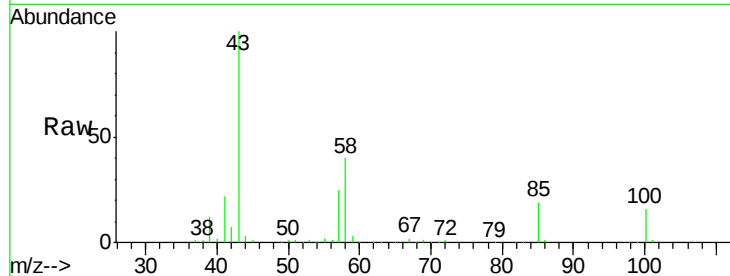
58 40.3 32.4 48.6

Manual Integrations

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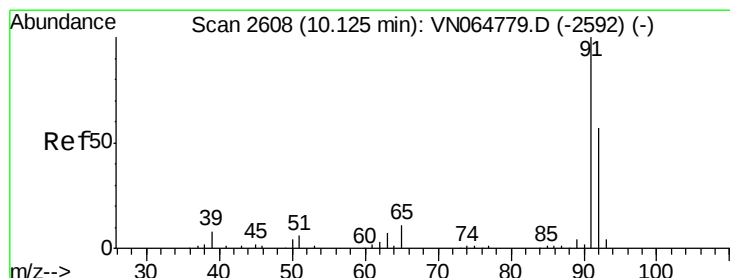
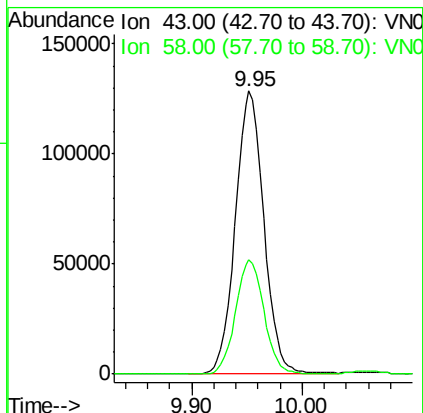
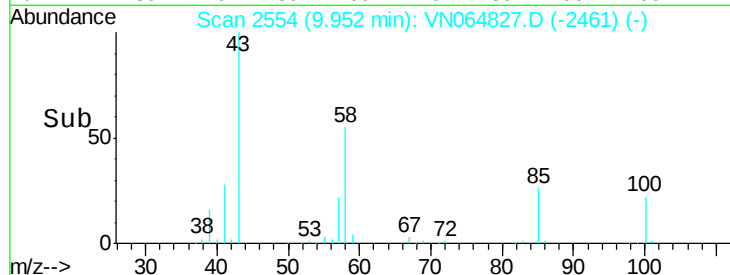
MMDadoda

11/25/2020 9:51:56 AM



Abundance Ion 43.00 (42.70 to 43.70): VN064827.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN064827.D (-2461) (-)



#52

Toluene

Concen: 18.149 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064827.D

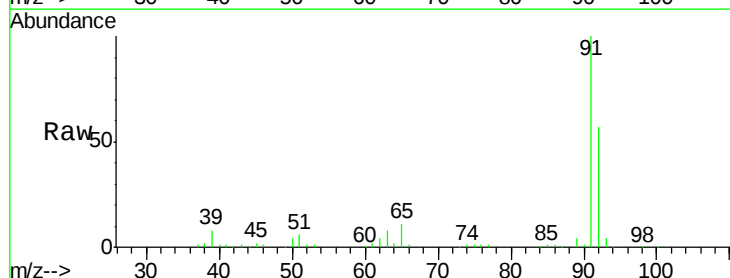
Acq: 24 Nov 2020 22:41

Tgt Ion: 92 Resp: 96117

Ion Ratio Lower Upper

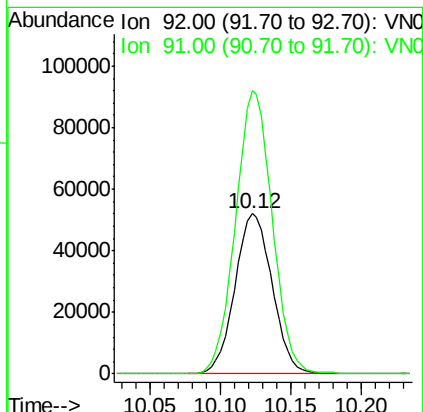
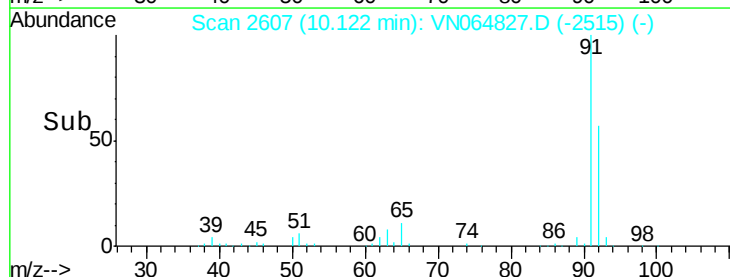
92 100

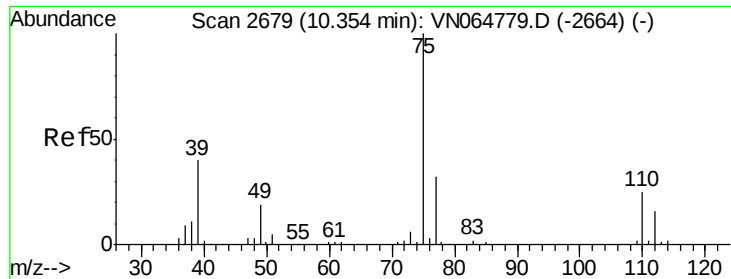
91 175.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064827.D (-2515) (-)

Ion 91.00 (90.70 to 91.70): VN064827.D (-2515) (-)





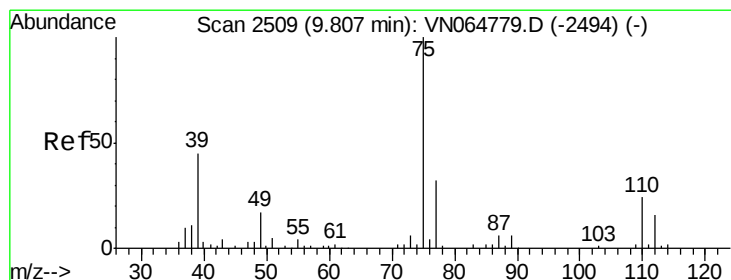
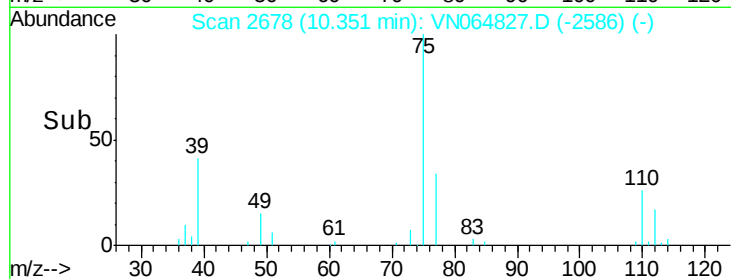
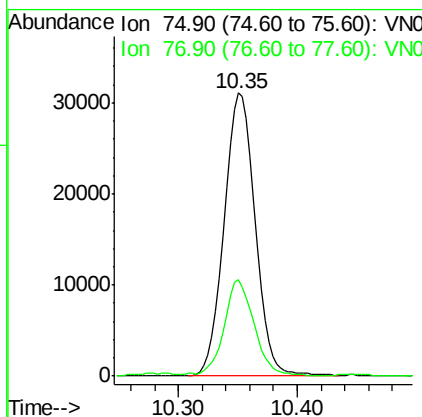
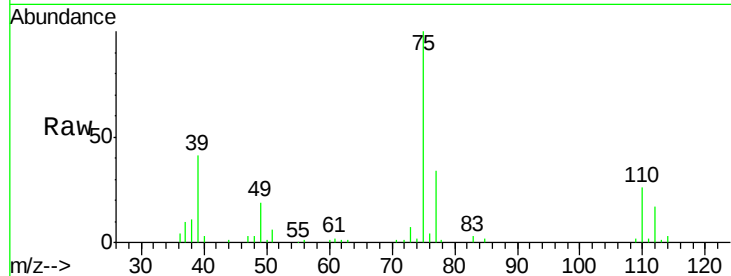
#53
t-1,3-Dichloropropene
Concen: 16.893 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion: 75 Resp: 56328
Ion Ratio Lower Upper
75 100
77 33.4 25.8 38.6

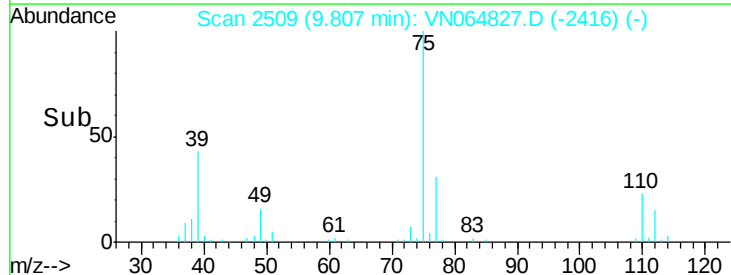
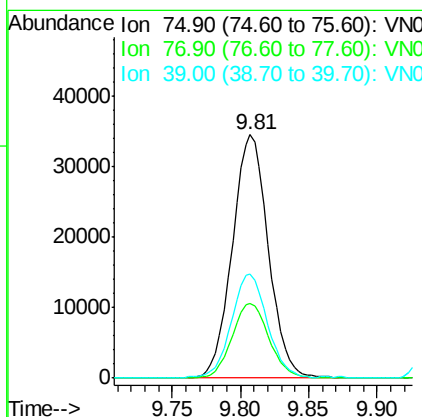
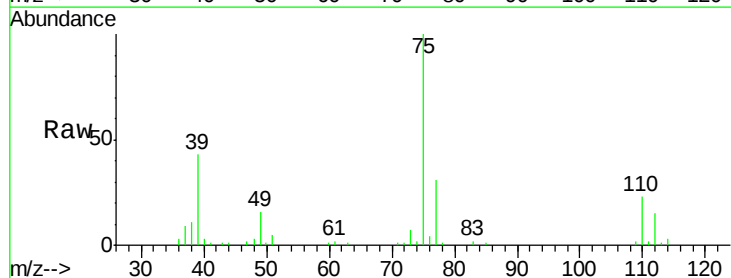
Manual Integrations
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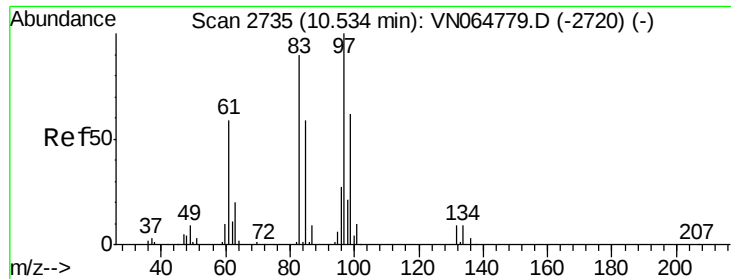
MMDadoda
11/25/2020 9:51:56 AM



#54
cis-1,3-Dichloropropene
Concen: 17.708 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion: 75 Resp: 63289
Ion Ratio Lower Upper
75 100
77 30.8 25.5 38.3
39 42.6 35.6 53.4





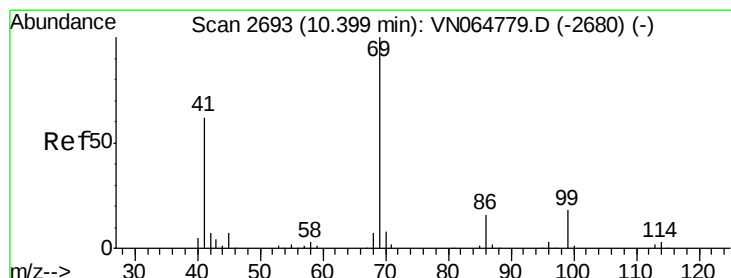
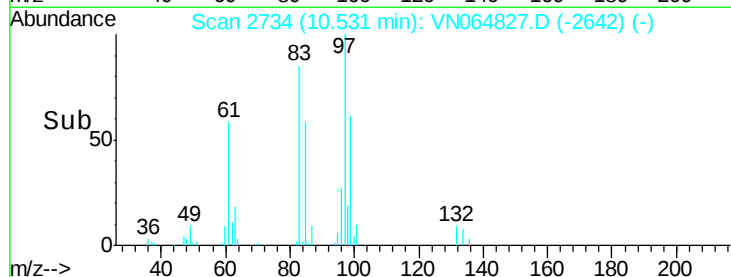
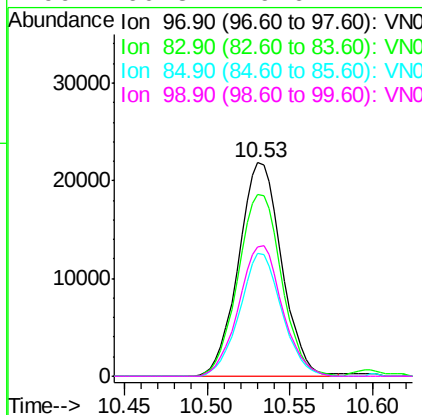
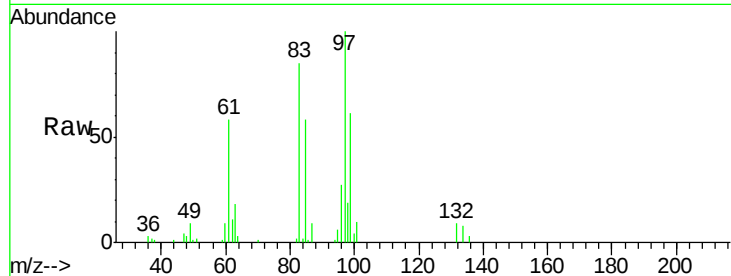
#55
 1,1,2-Trichloroethane
 Concen: 18.087 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.2	72.1	108.1
85	57.5	46.8	70.2
99	60.8	49.6	74.4

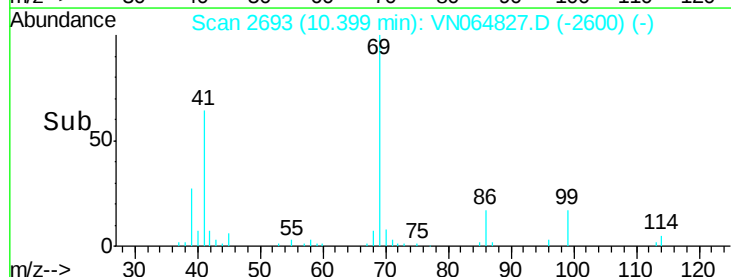
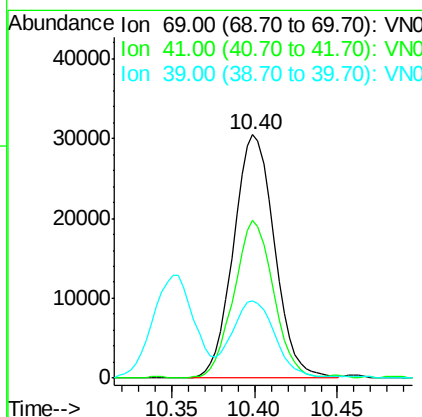
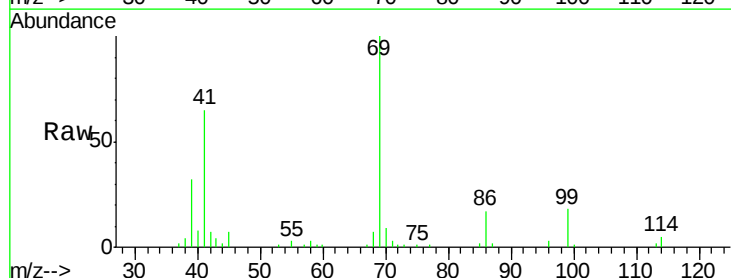
Manual Integrations
 APPROVED

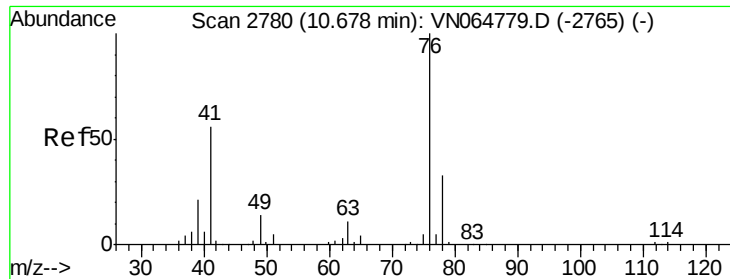
MMDadoda
 11/25/2020 9:51:56 AM



#56
 Ethyl methacrylate
 Concen: 17.482 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.6	49.4	74.0
39	32.4	25.9	38.9





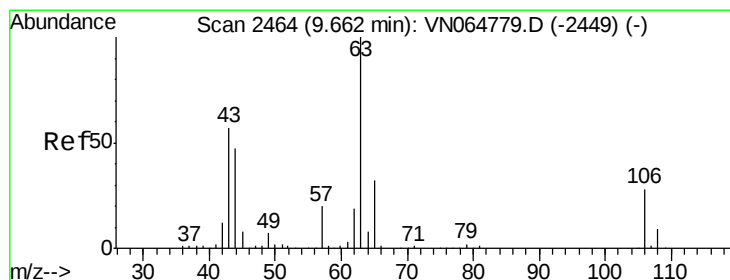
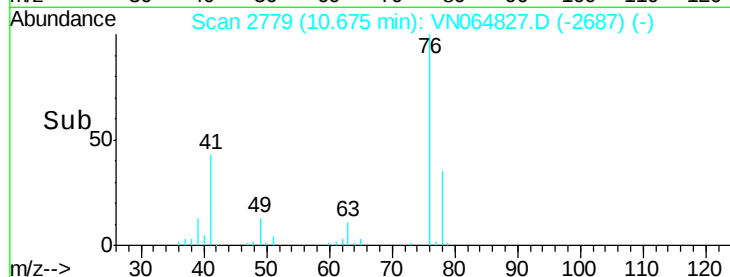
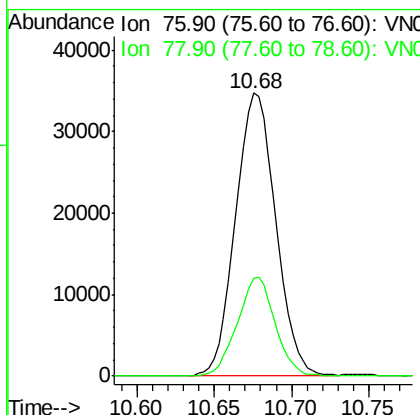
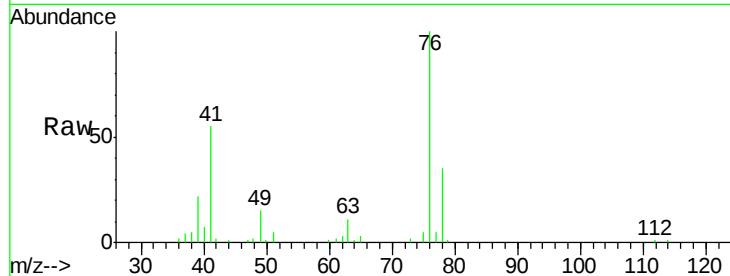
#57
 1,3-Dichloropropane
 Concen: 17.488 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

Tot Ion: 76 Resp: 62825
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1

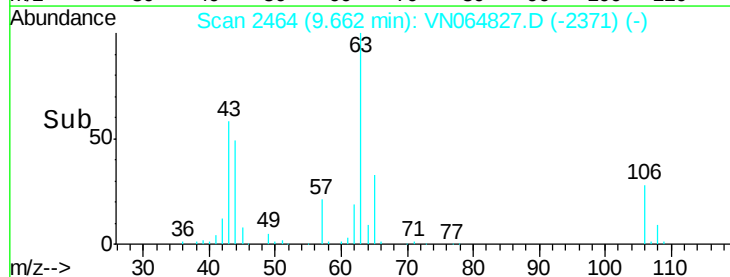
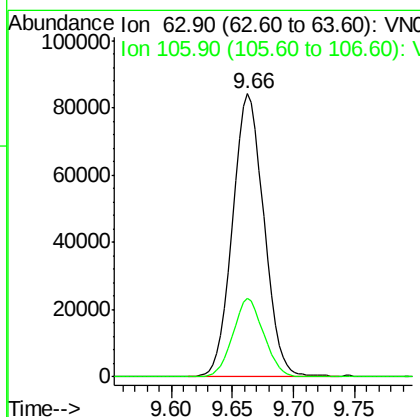
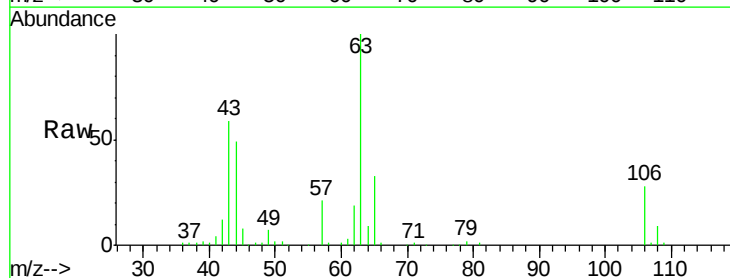
Manual Integrations
 APPROVED

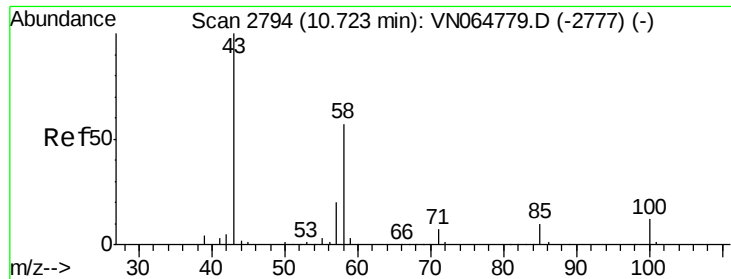
MMDadoda
 11/25/2020 9:51:56 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.135 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion: 63 Resp: 150656
 Ion Ratio Lower Upper
 63 100
 106 27.2 22.7 34.1





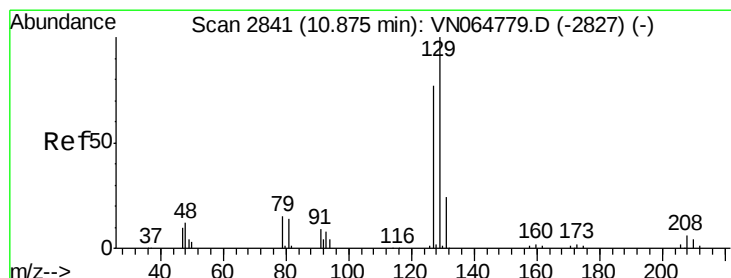
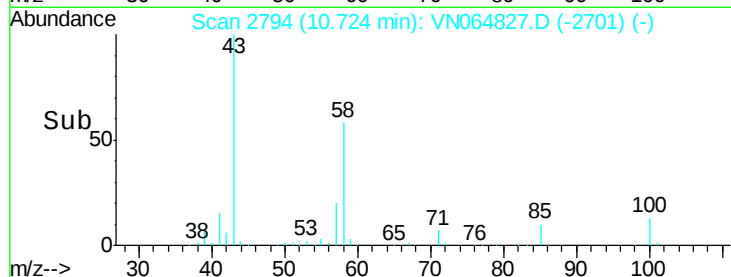
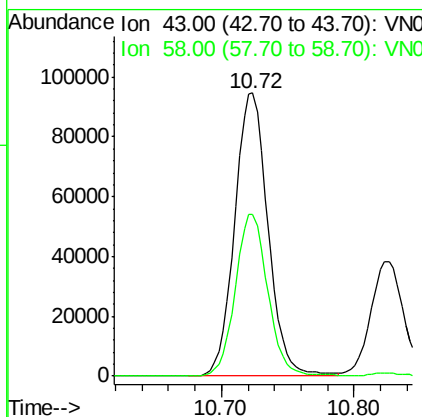
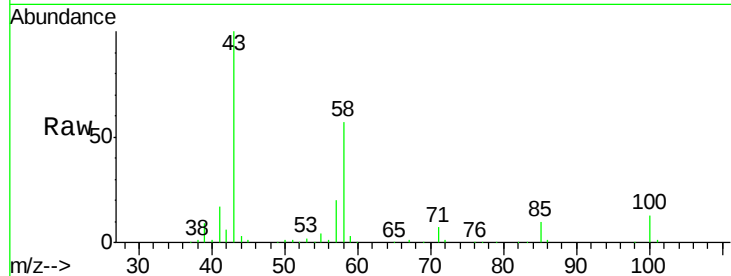
#59
2-Hexanone
Concen: 87.889 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion: 43 Resp: 165182
Ion Ratio Lower Upper
43 100
58 56.0 28.3 84.9

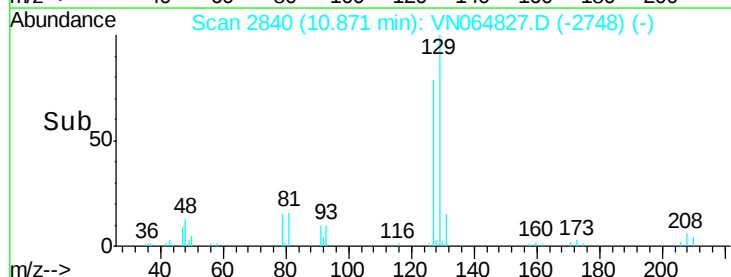
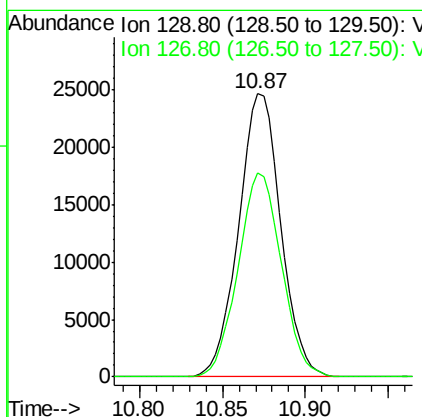
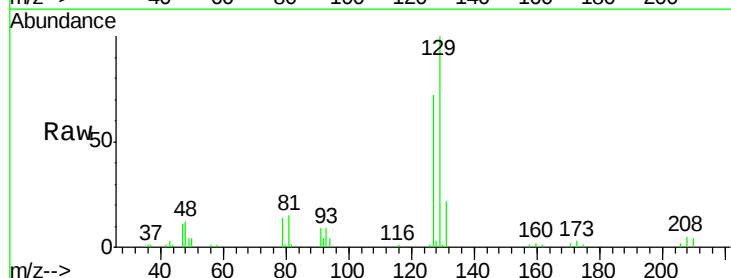
Manual Integrations
APPROVED

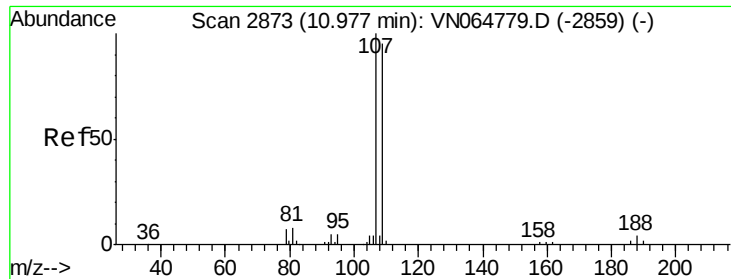
MMDadoda
11/25/2020 9:51:56 AM



#60
Dibromochloromethane
Concen: 18.047 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion: 129 Resp: 43688
Ion Ratio Lower Upper
129 100
127 74.0 39.1 117.2





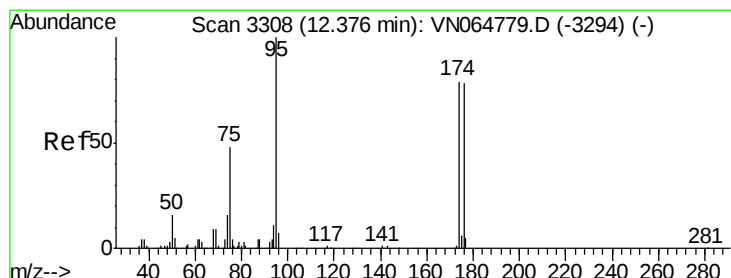
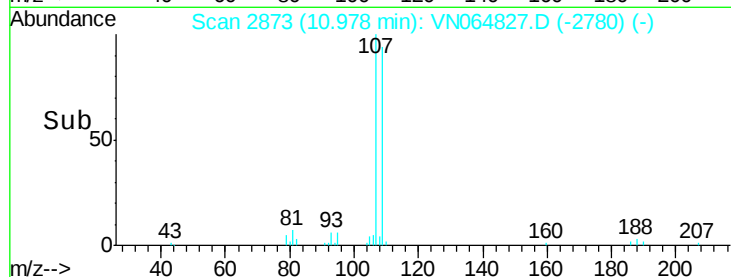
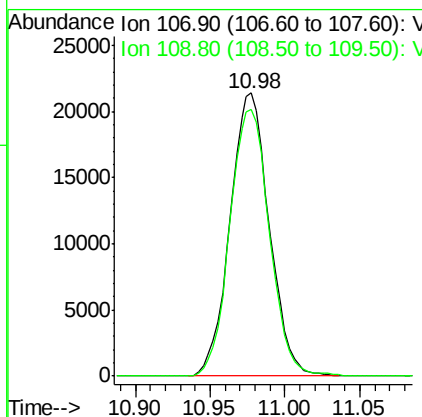
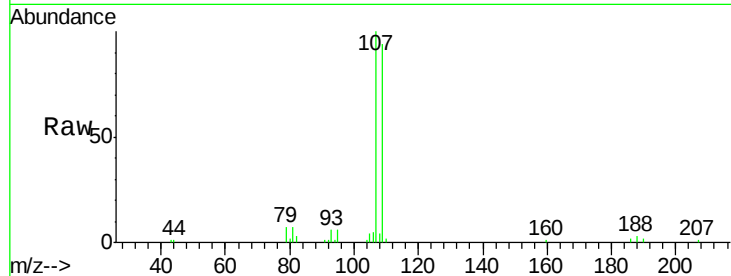
#61
 1,2-Dibromoethane
 Concen: 17.589 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.6	76.0	114.0

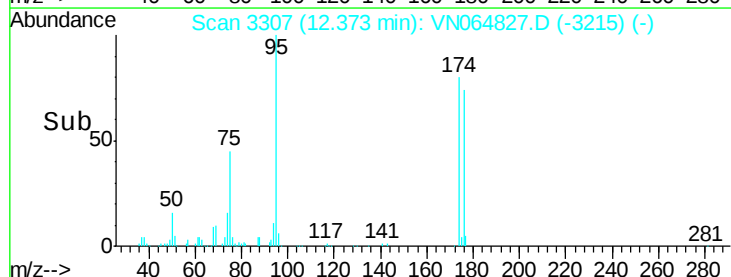
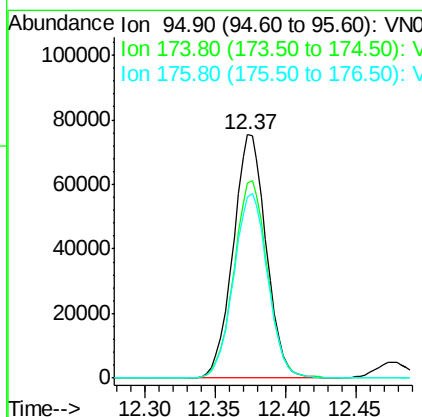
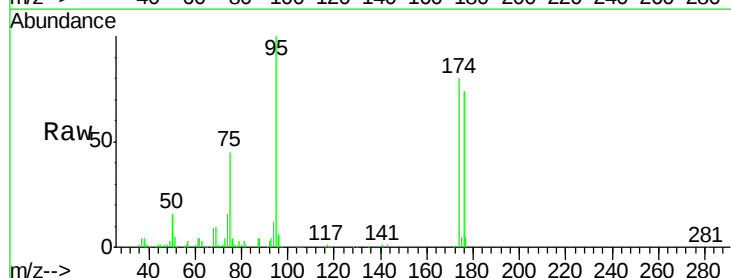
Manual Integrations
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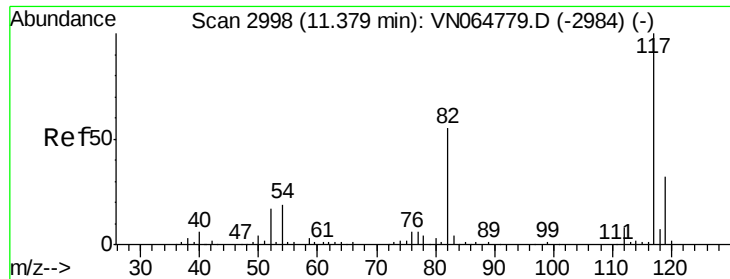
MMDadoda
 11/25/2020 9:51:56 AM



#62
 4-Bromofluorobenzene
 Concen: 46.845 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	160.4
176	77.8	0.0	158.4





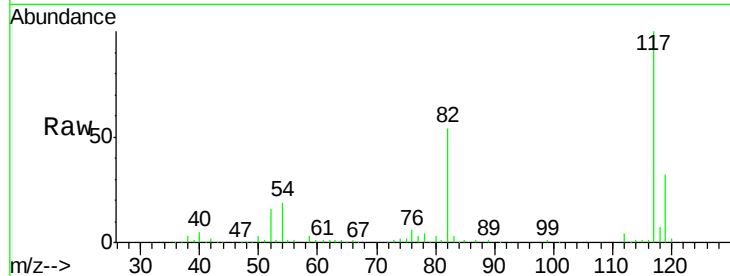
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.2	66.2
119	31.7	25.8	38.6

Manual Integrations
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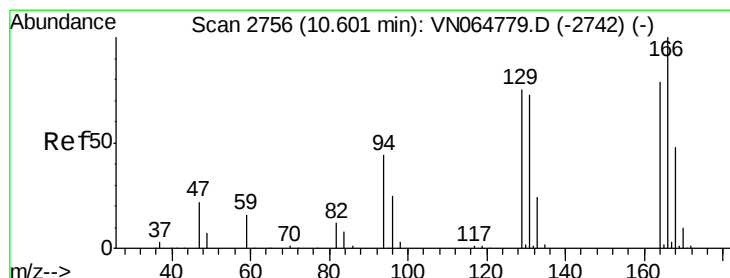
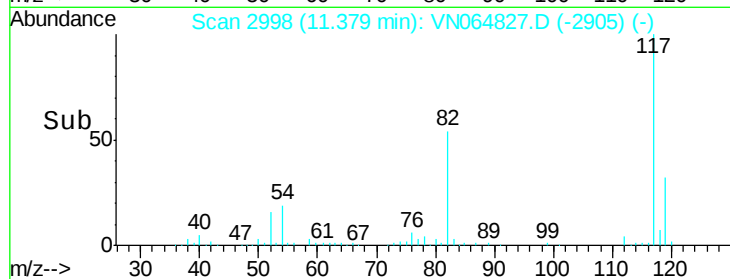
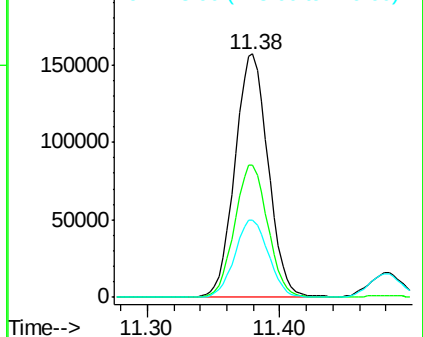


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 16.186 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	101.4	152.0
129	97.8	76.1	114.1
131	95.7	74.2	111.2

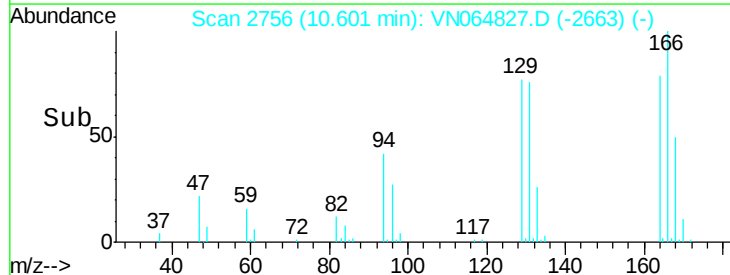
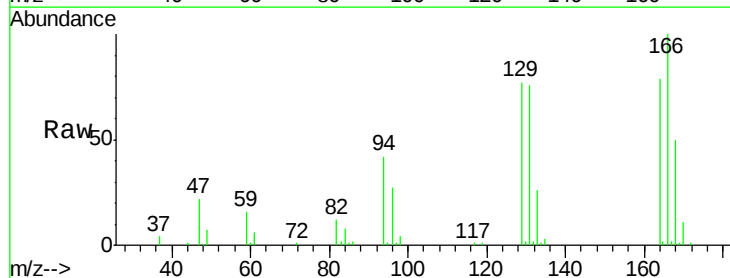
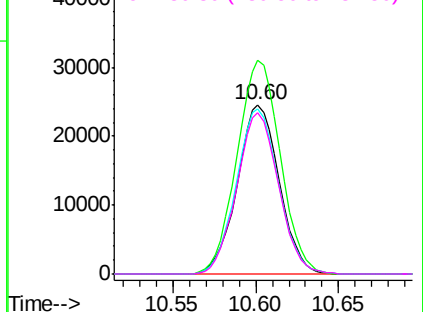
Abundance

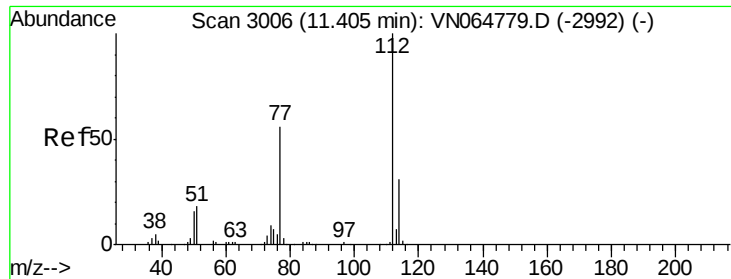
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





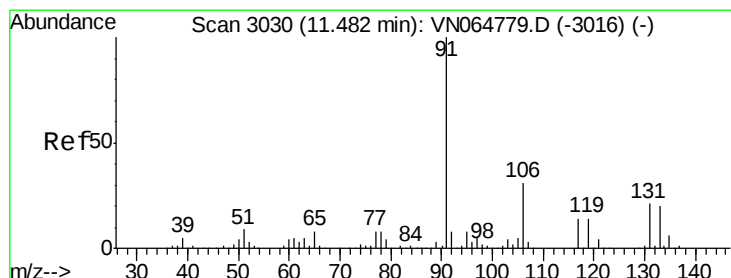
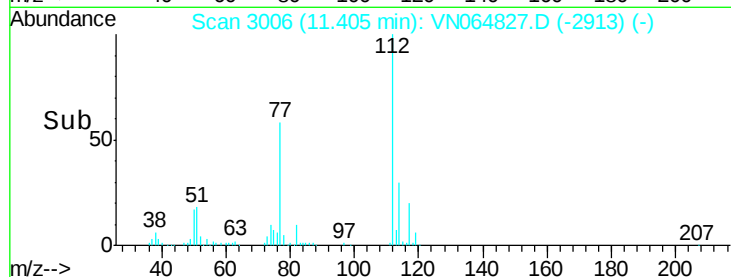
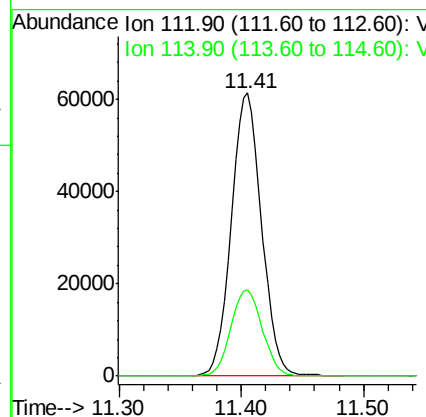
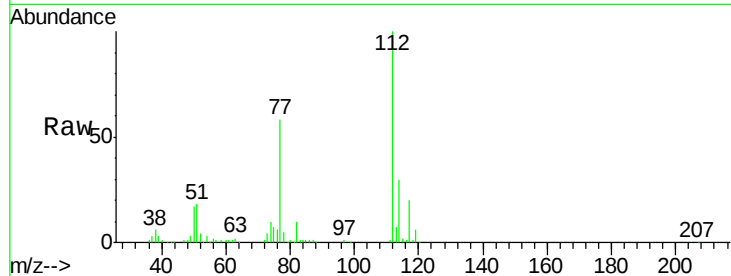
#65
Chlorobenzene
Concen: 18.106 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion:112 Resp: 106311
Ion Ratio Lower Upper
112 100
114 30.4 25.1 37.7

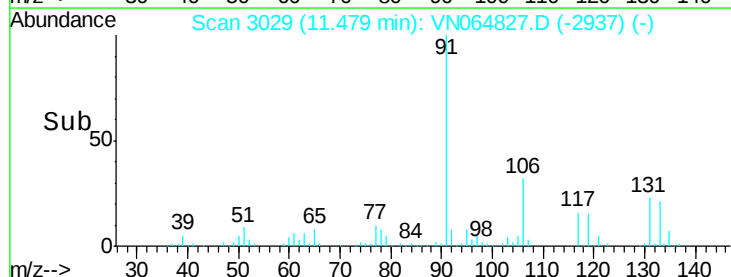
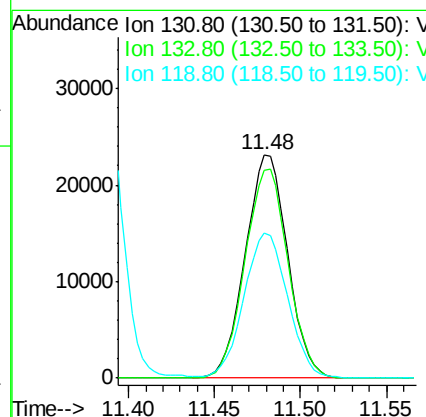
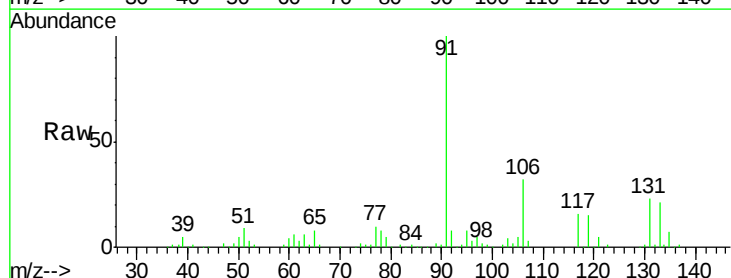
Manual Integrations
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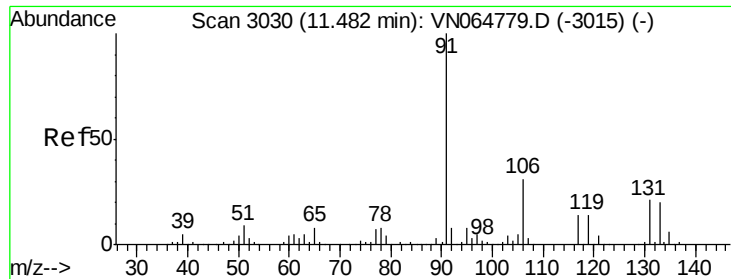
MMDadoda
11/25/2020 9:51:56 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.381 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion:131 Resp: 39664
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.5
119 67.4 33.3 99.8





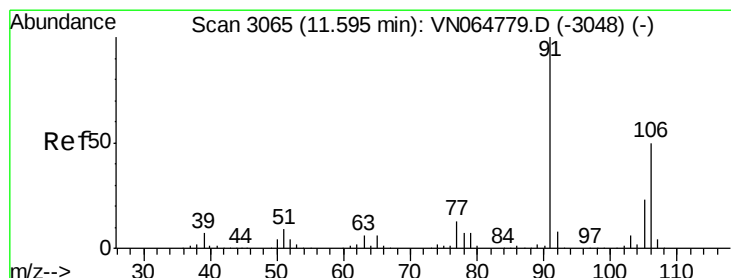
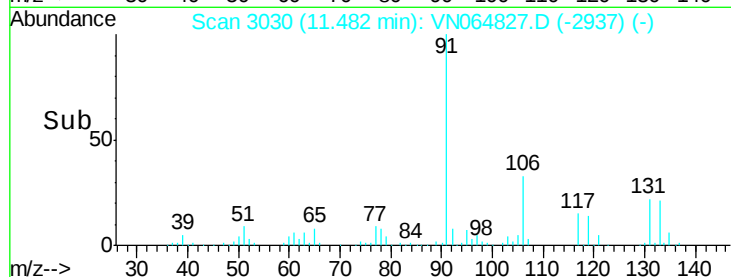
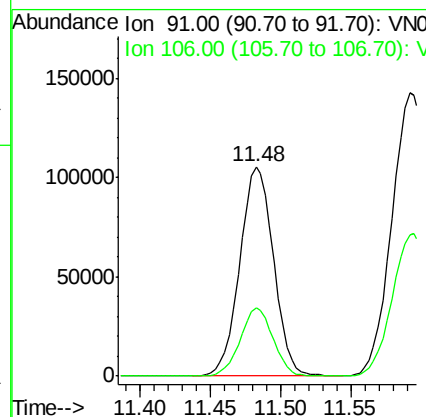
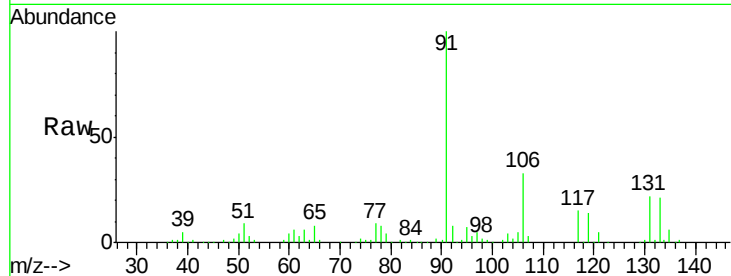
#67
Ethyl Benzene
Concen: 18.081 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion: 91 Resp: 177360
Ion Ratio Lower Upper
91 100
106 32.7 25.2 37.8

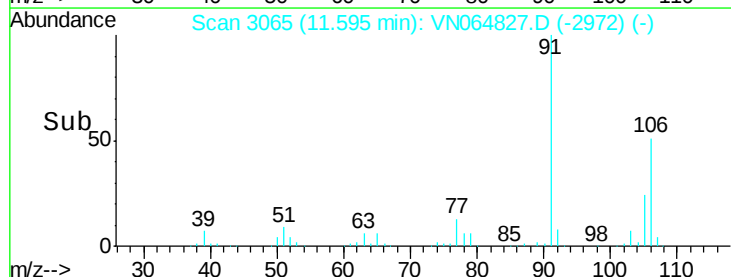
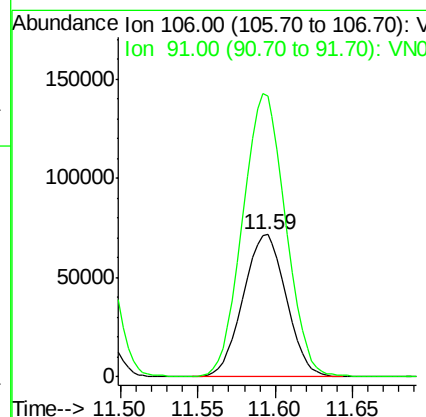
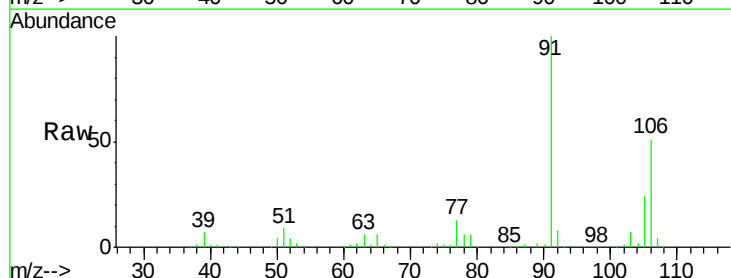
Manual Integrations
APPROVED

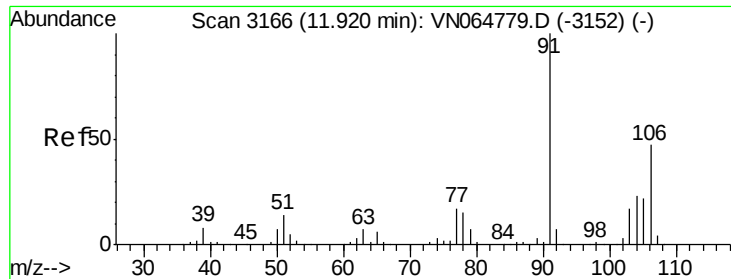
MMDadoda
11/25/2020 9:51:56 AM



#68
m/p-Xylenes
Concen: 37.552 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion: 106 Resp: 139462
Ion Ratio Lower Upper
106 100
91 197.1 161.0 241.4





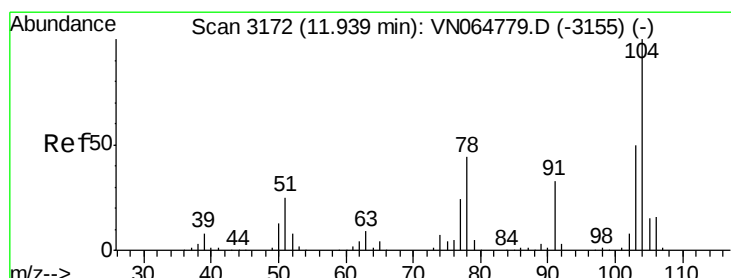
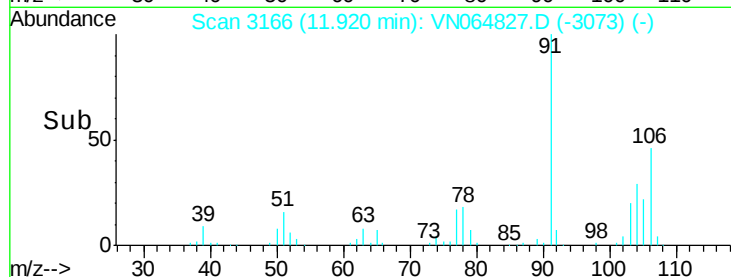
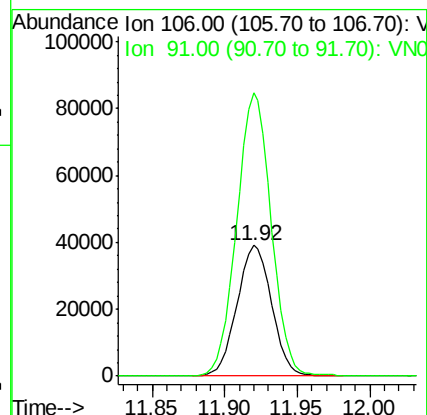
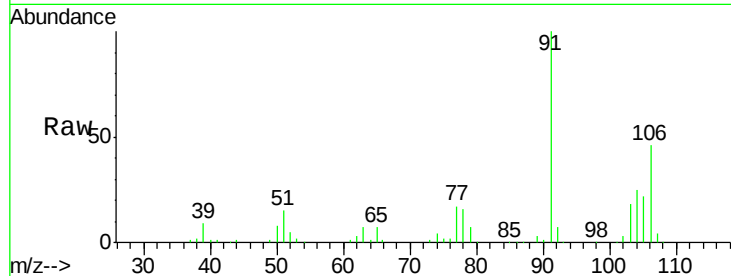
#69
o-Xylene
Concen: 18.429 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion:106 Resp: 64949
Ion Ratio Lower Upper
106 100
91 215.3 105.5 316.5

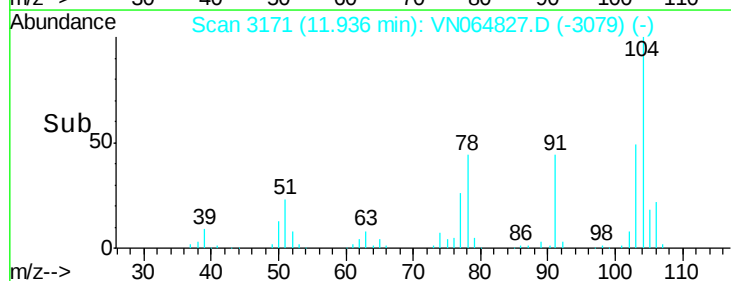
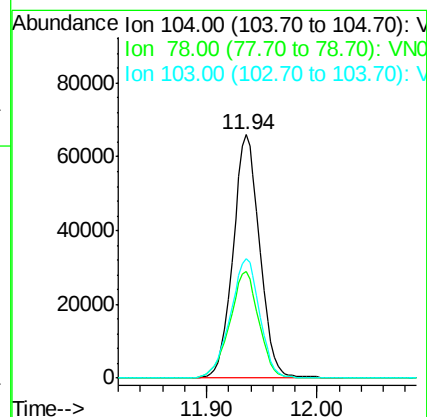
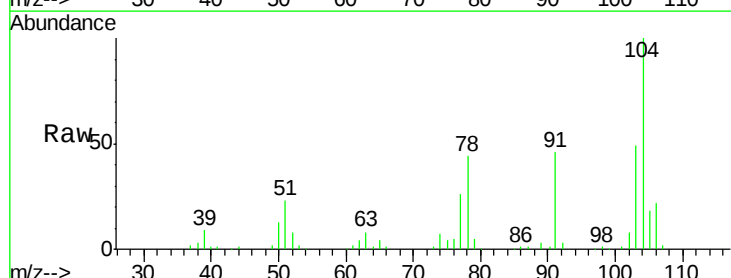
Manual Integrations
APPROVED

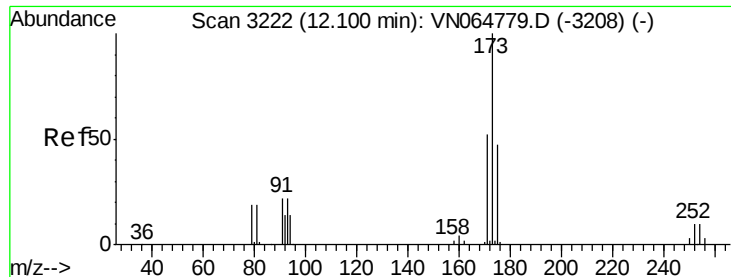
MMDadoda
11/25/2020 9:51:56 AM



#70
Styrene
Concen: 18.591 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion:104 Resp: 110605
Ion Ratio Lower Upper
104 100
78 47.9 39.0 58.6
103 54.3 44.3 66.5





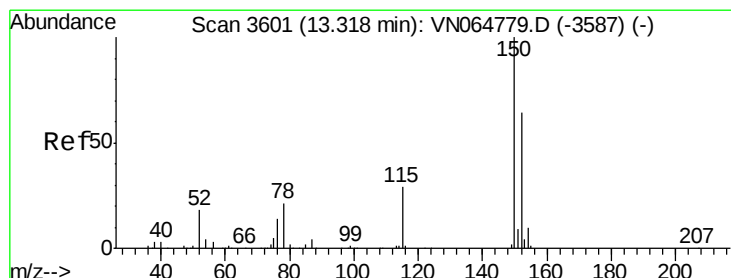
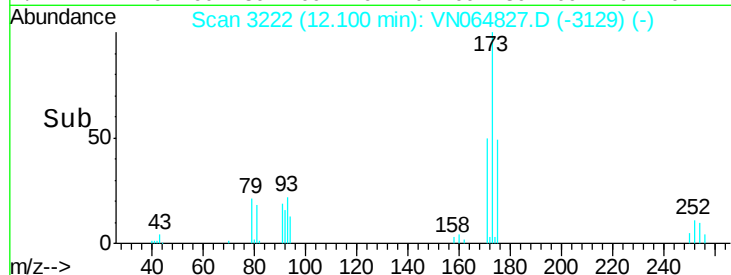
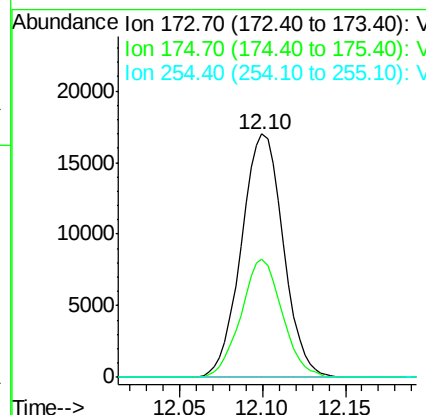
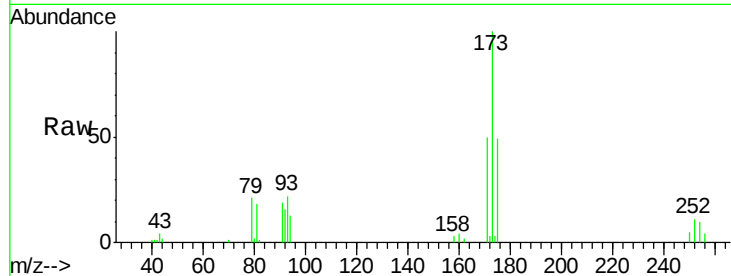
#71
Bromoform
Concen: 17.373 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.3	72.8
254	0.0	0.0	0.0

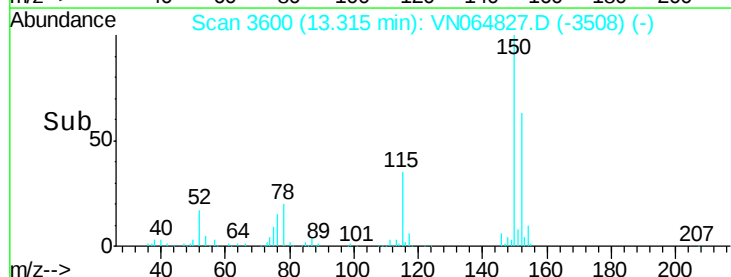
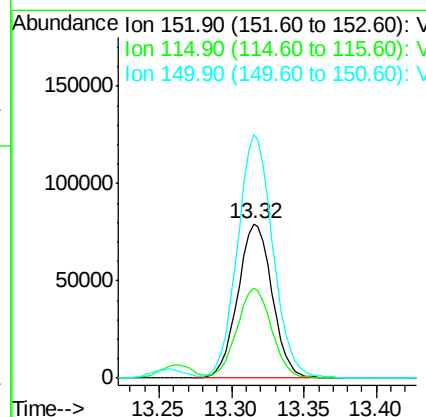
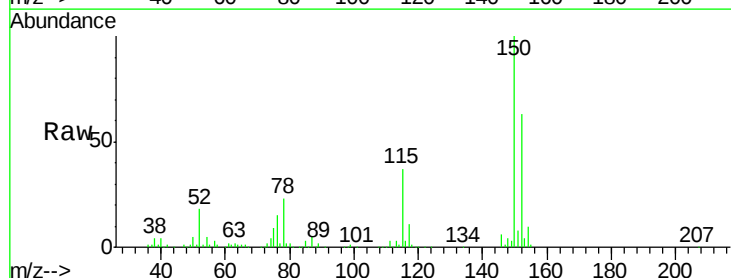
Manual Integrations
APPROVED

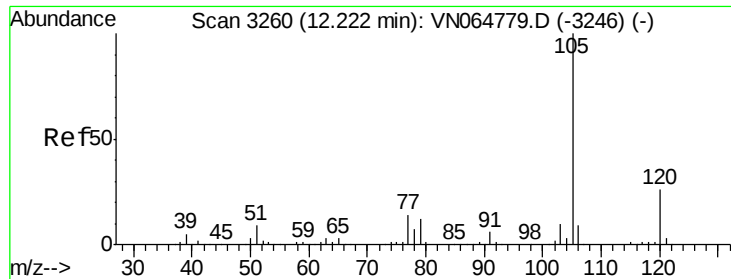
MMDadoda
11/25/2020 9:51:56 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.7	89.1
150	162.3	0.0	350.6





#73

Isopropylbenzene

Concen: 19.114 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

Tot Ion: 105 Resp: 173500

Ion Ratio Lower Upper

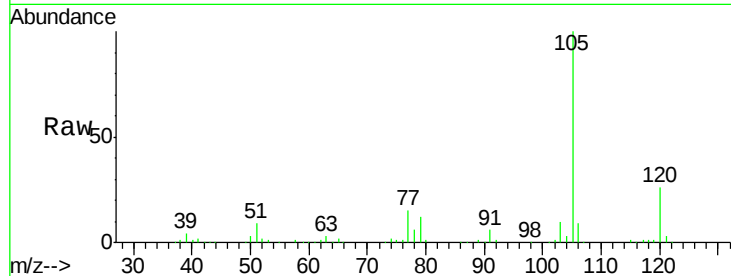
105 100

120 26.5 13.3 39.9

Manual Integrations
APPROVED

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

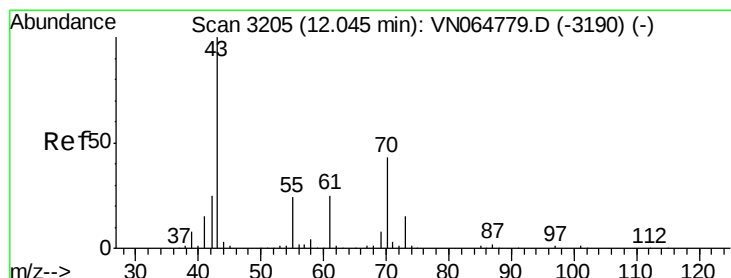
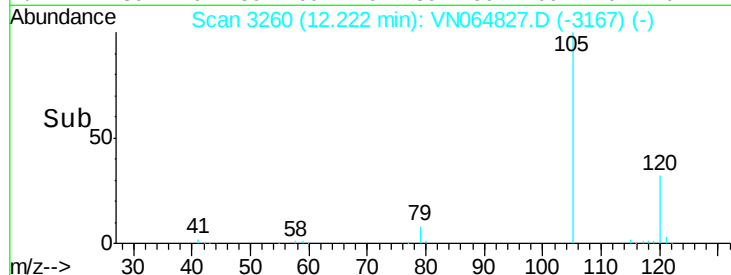
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 17.510 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Tgt Ion: 43 Resp: 62552

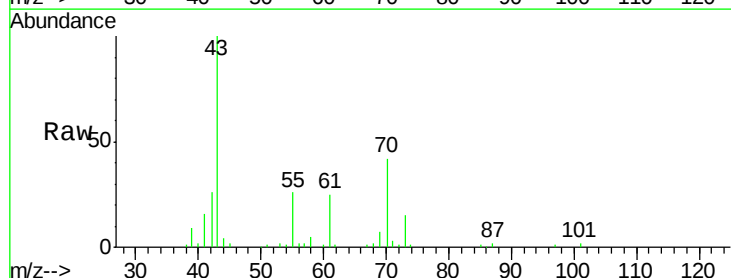
Ion Ratio Lower Upper

43 100

70 43.3 34.5 51.7

55 25.4 20.4 30.6

61 24.9 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

60000

50000

40000

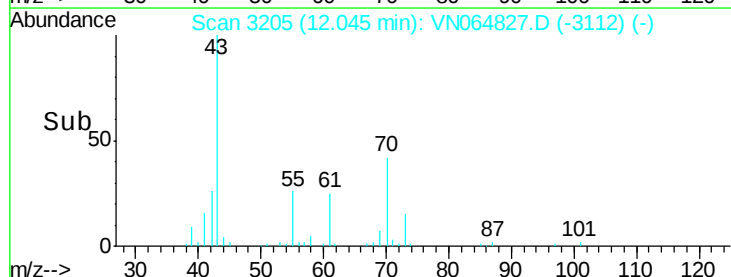
30000

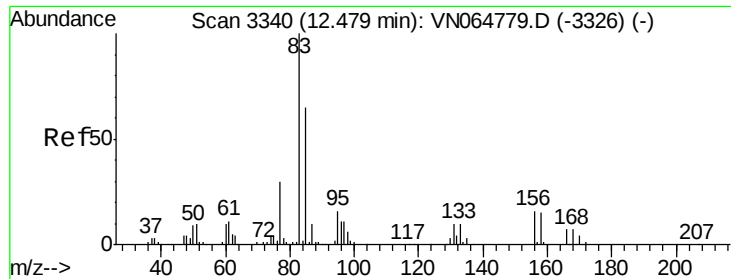
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.595 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

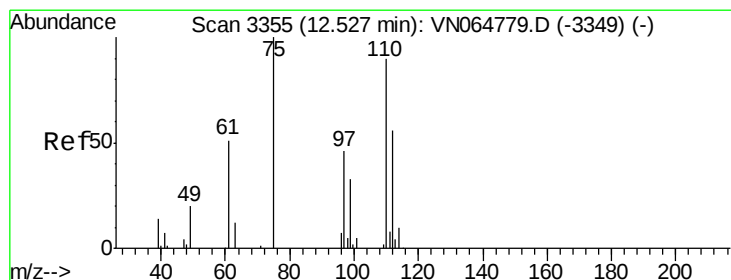
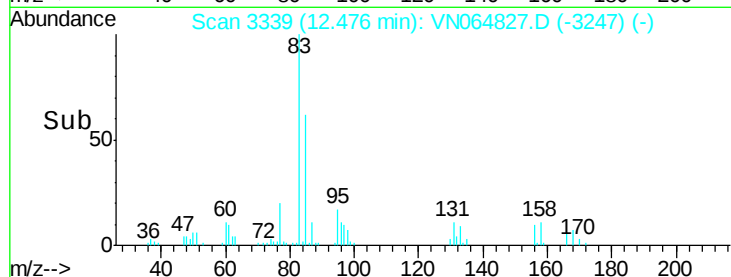
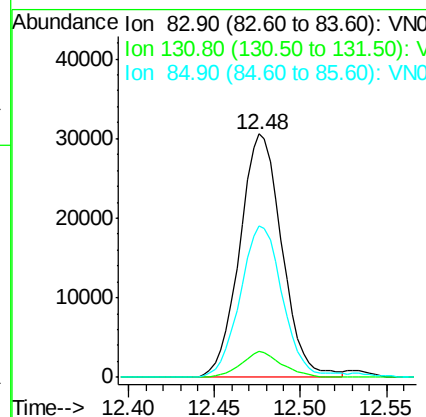
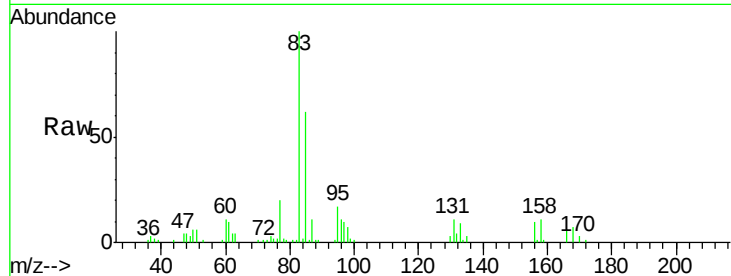
ClientSampleId :

VN1124WBSD02

Tot Ion:	83	Resp:	52134
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.3
85	62.7	33.0	99.0

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#76

1,2,3-Trichloropropane

Concen: 18.305 ug/l m

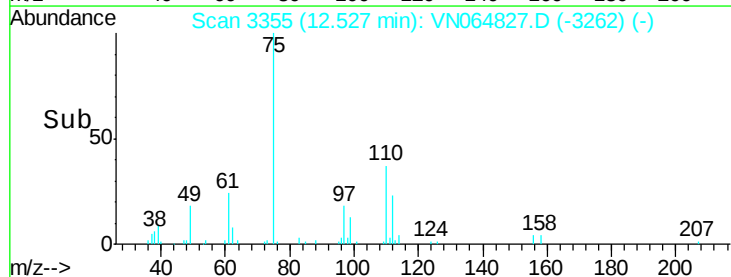
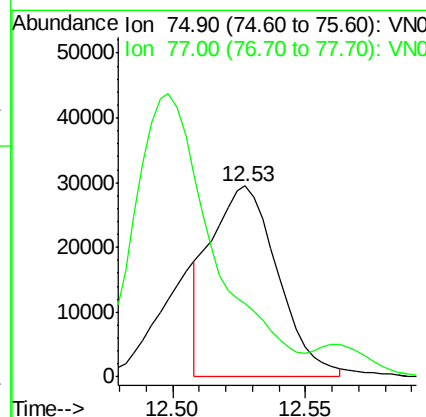
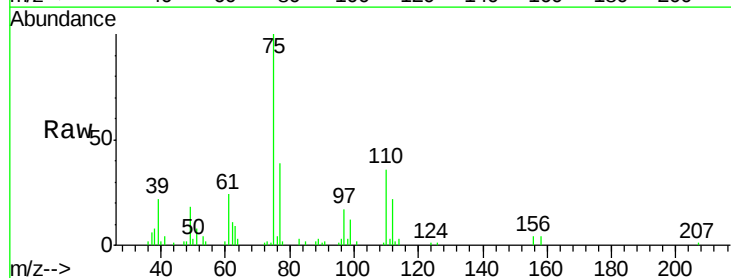
RT: 12.53 min Scan# 3355

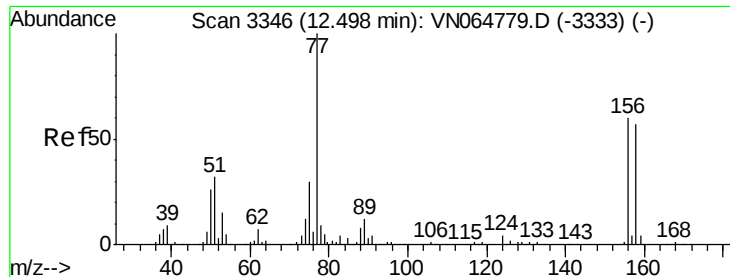
Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Tgt Ion:	75	Resp:	51446
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.175 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

Tot Ion:156 Resp: 44478

Ion Ratio Lower Upper

156 100

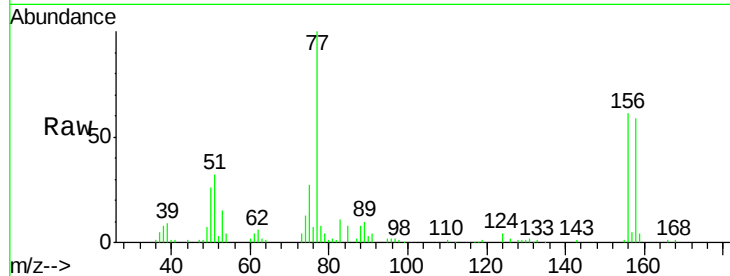
77 205.7 101.3 303.7

158 98.5 48.2 144.6

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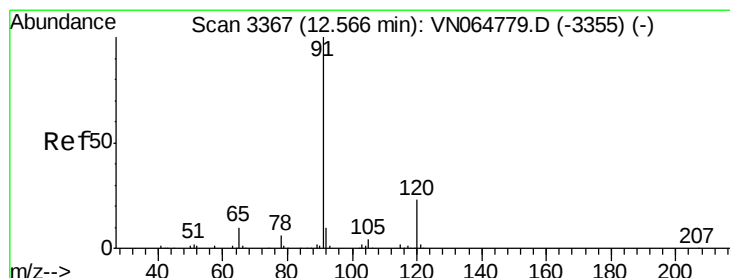
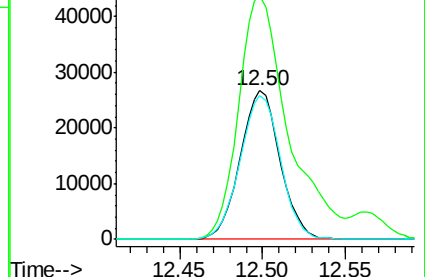
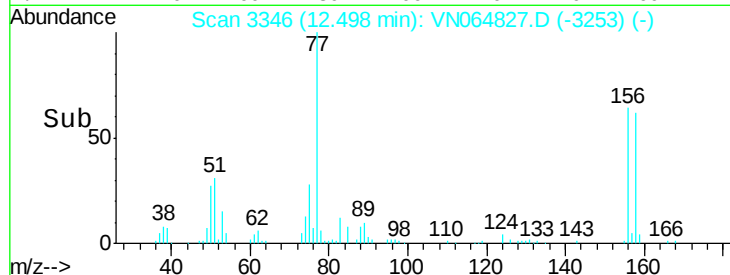
11/25/2020 9:51:56 AM



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: 18.773 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064827.D

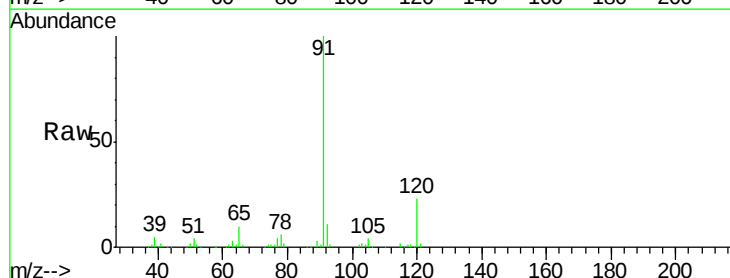
Acq: 24 Nov 2020 22:41

Tgt Ion: 91 Resp: 194128

Ion Ratio Lower Upper

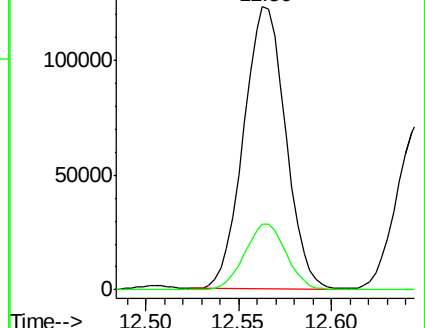
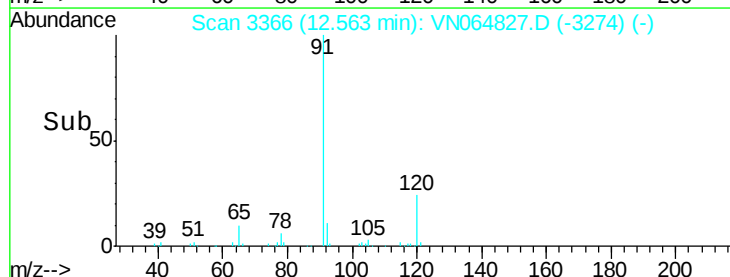
91 100

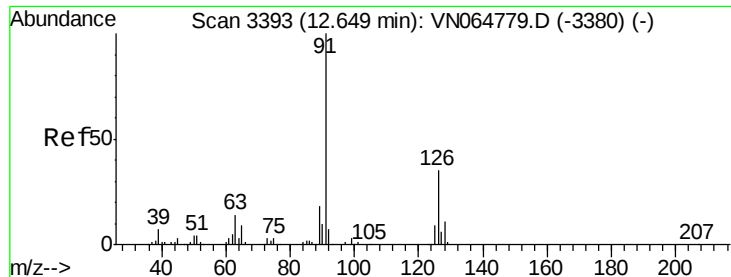
120 23.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.720 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064827.D

Acq: 24 Nov 2020 22:41

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBSD02

Tot Ion: 91 Resp: 119660

Ion Ratio Lower Upper

91 100

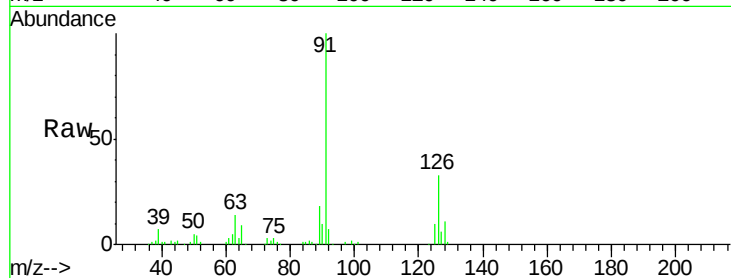
126 35.0 17.2 51.6

Manual Integrations

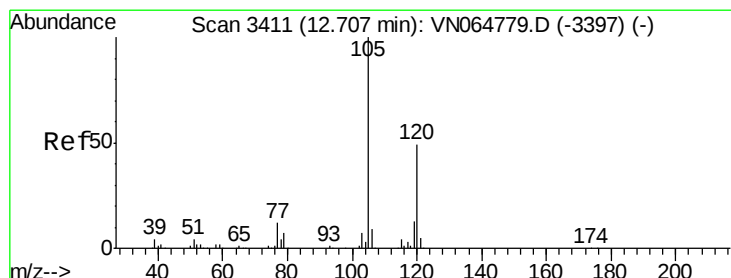
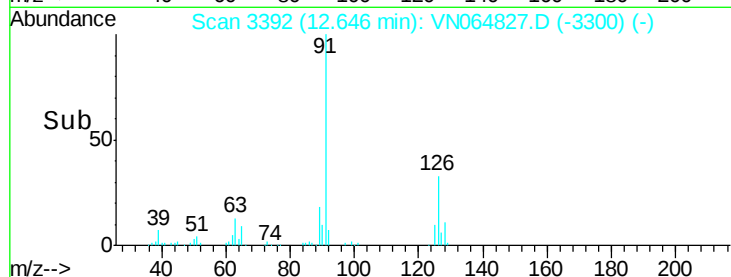
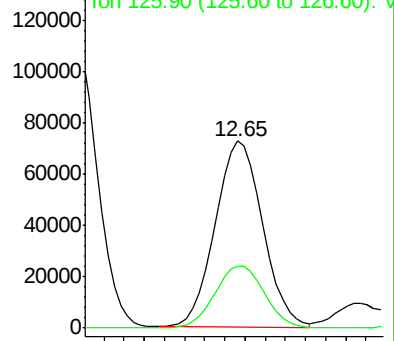
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Abundance Ion 91.00 (90.70 to 91.70): VN064827.D (-3300) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.386 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064827.D

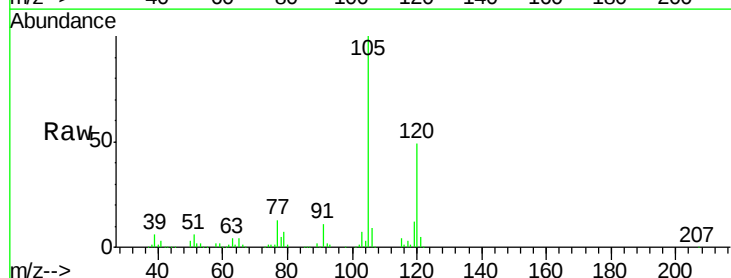
Acq: 24 Nov 2020 22:41

Tgt Ion: 105 Resp: 146265

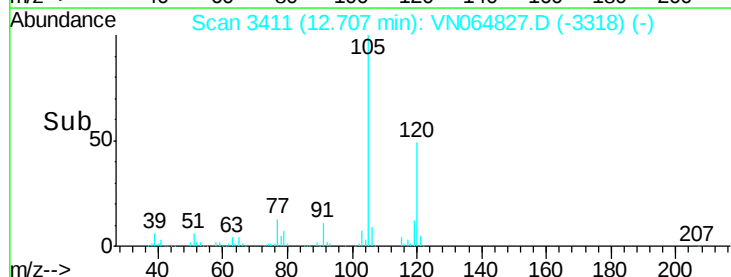
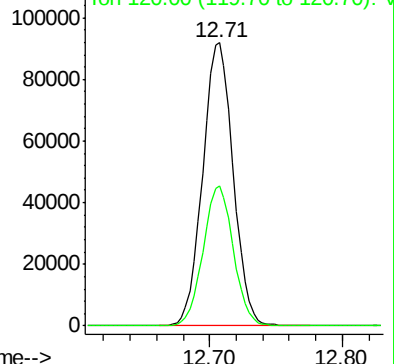
Ion Ratio Lower Upper

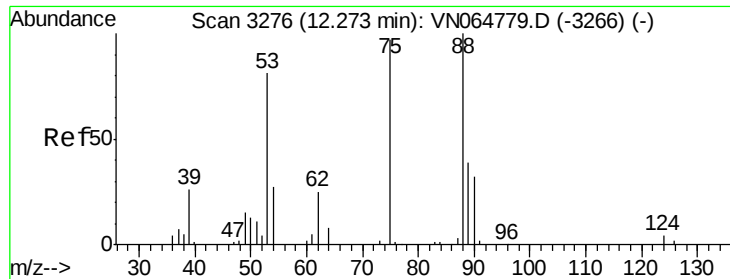
105 100

120 49.2 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064827.D (-3318) (-)





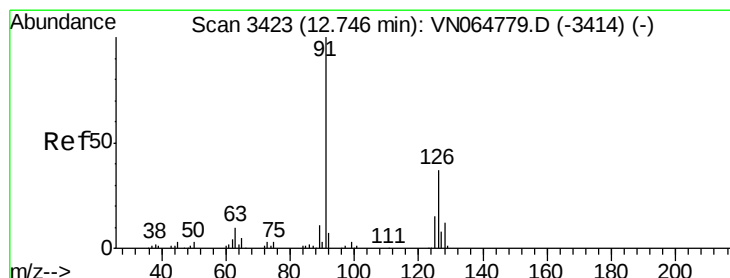
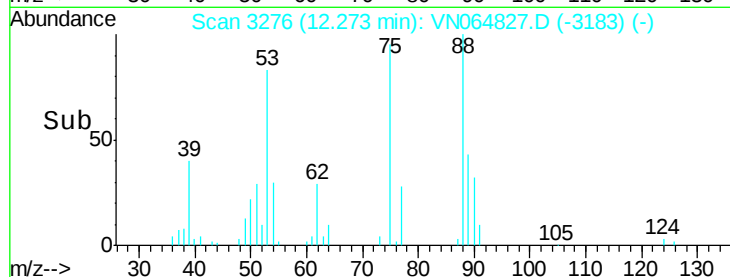
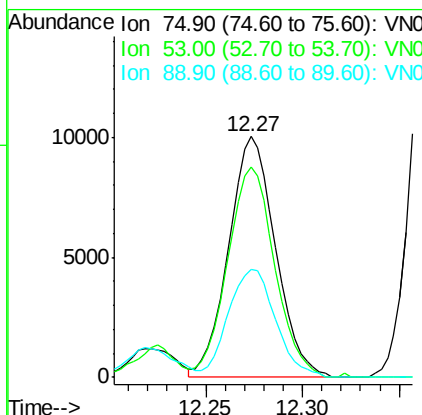
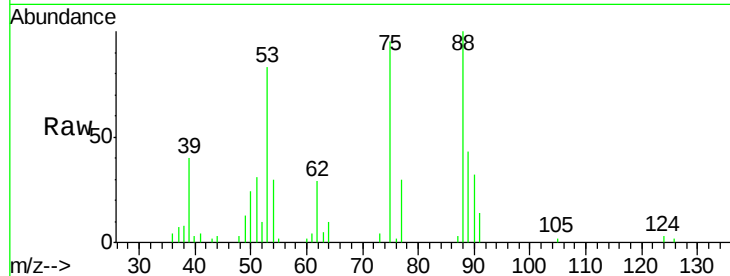
#81
trans-1,4-Dichloro-2-butene
Concen: 16.443 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.1	67.0	100.4
89	45.0	39.6	59.4

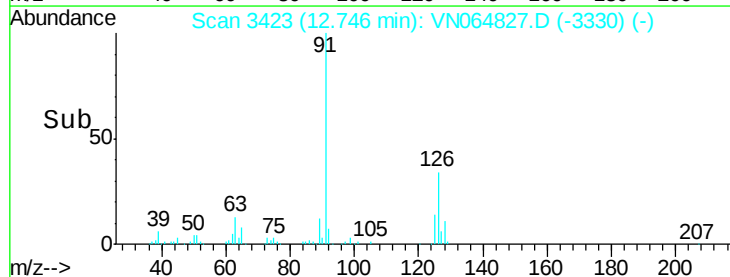
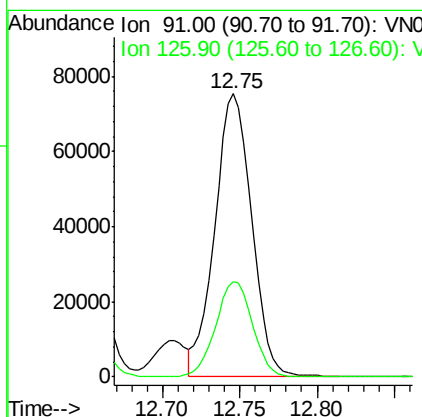
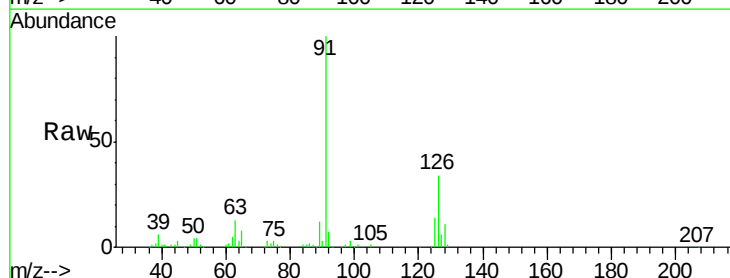
Manual Integrations
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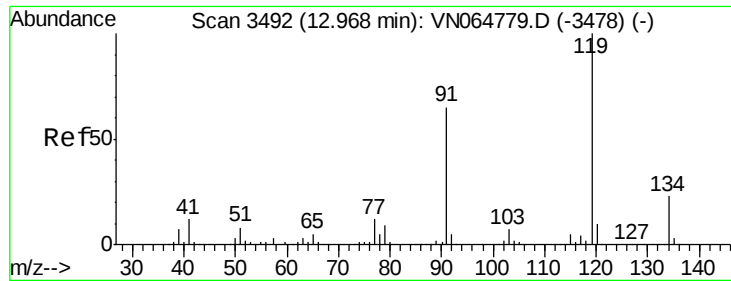
MMDadoda
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#82
4-Chlorotoluene
Concen: 18.488 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.9	50.7





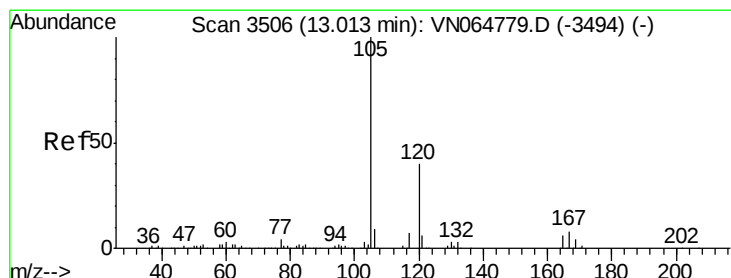
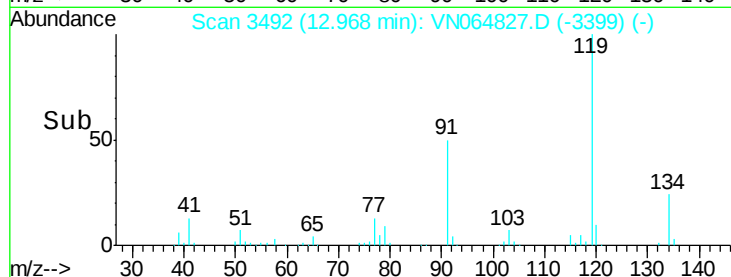
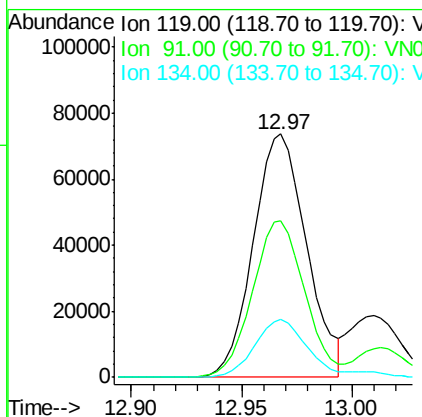
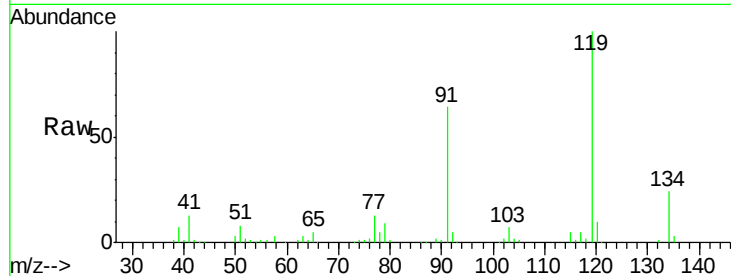
#83
 tert-Butylbenzene
 Concen: 19.564 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1124WBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.4	32.3	96.8
134	23.3	12.6	37.6

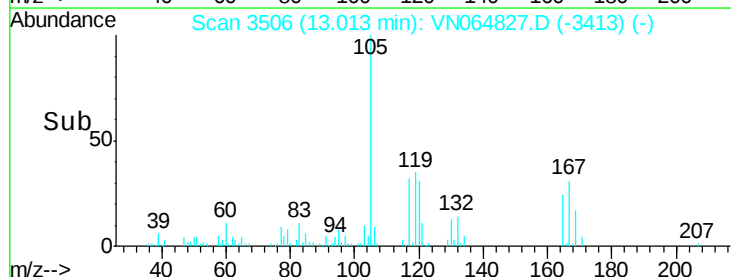
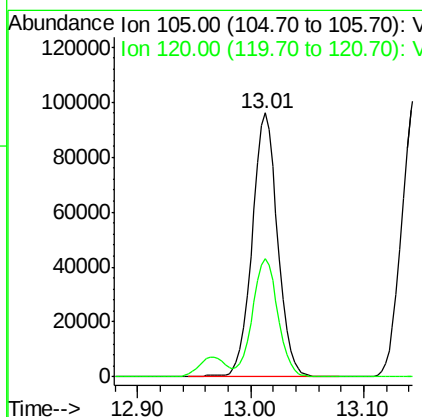
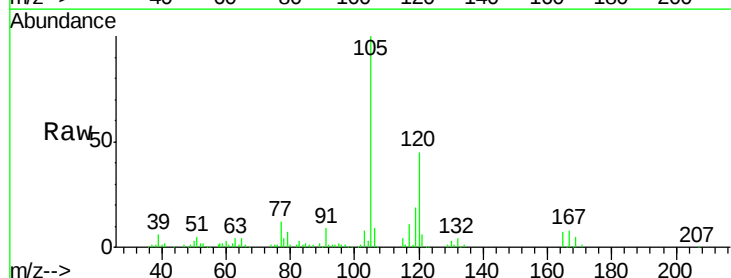
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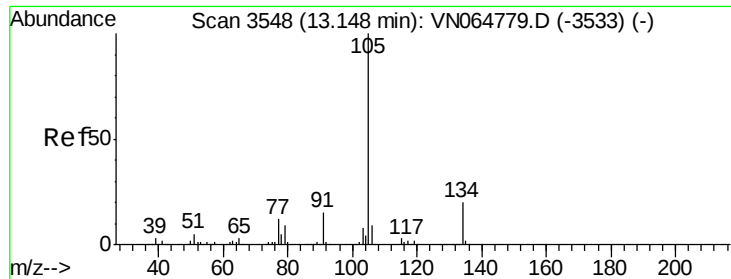
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.659 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	23.1	69.2





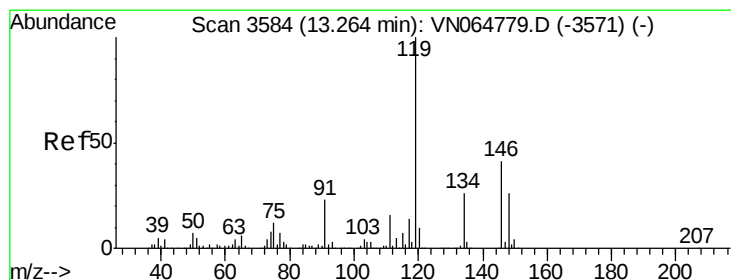
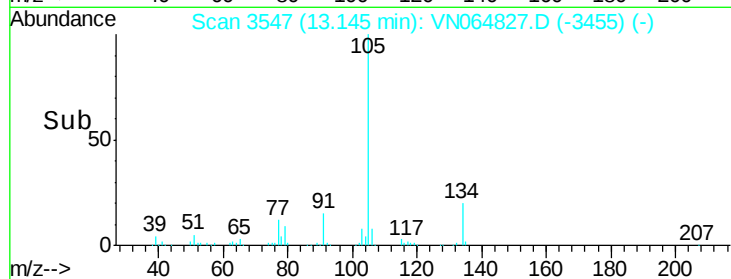
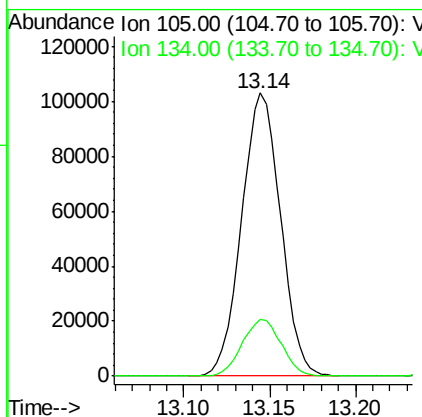
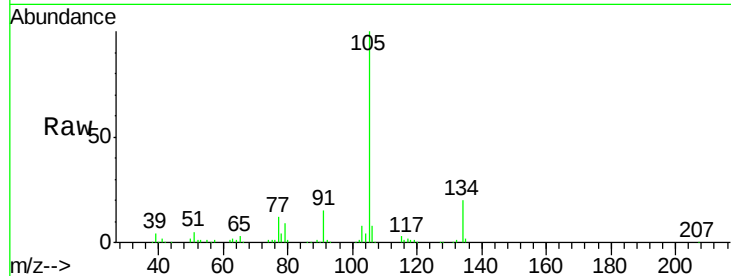
#85
 sec-Butylbenzene
 Concen: 19.308 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.1	30.1

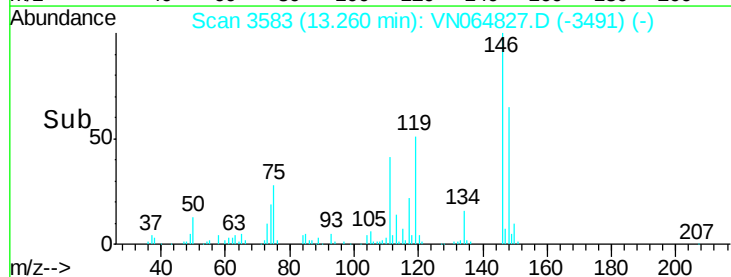
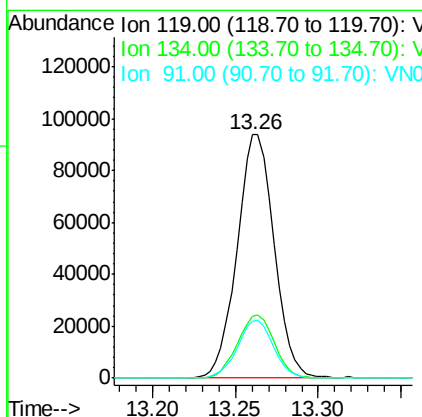
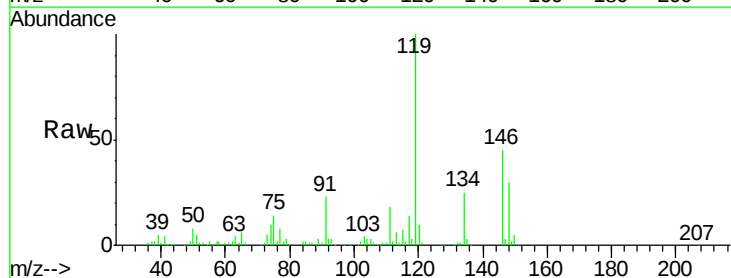
Manual Integrations
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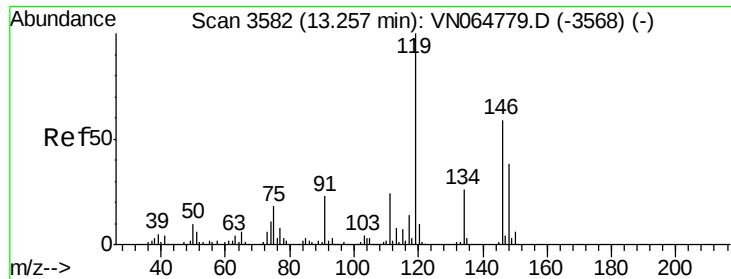
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#86
 p-Isopropyltoluene
 Concen: 19.093 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.1	39.1
91	23.2	11.5	34.5





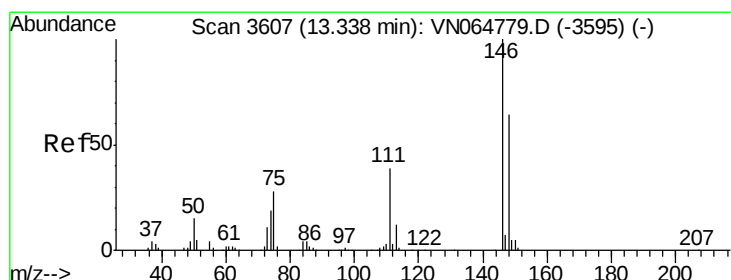
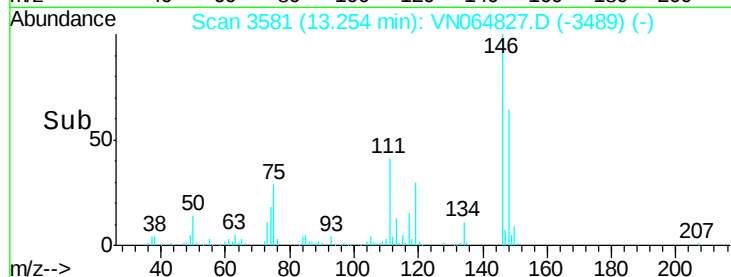
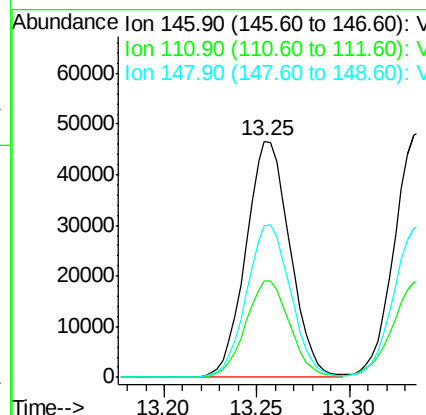
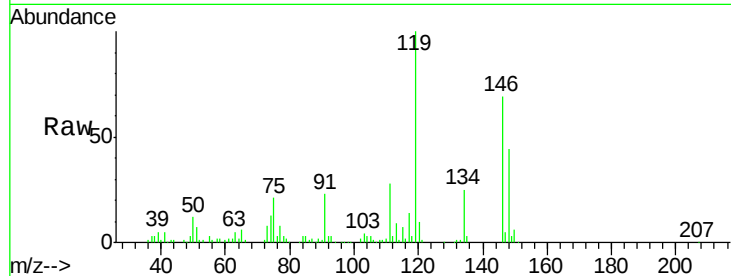
#87
 1,3-Dichlorobenzene
 Concen: 17.710 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.9
148	64.5	31.9	95.5

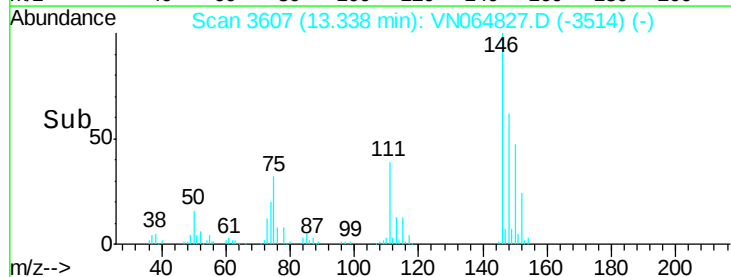
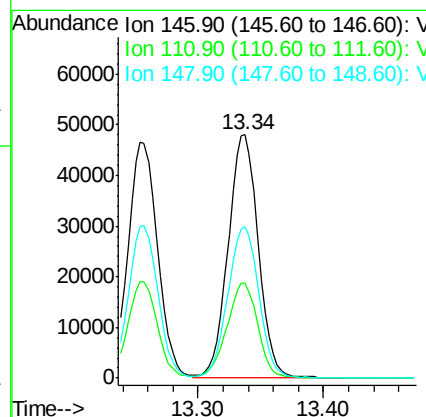
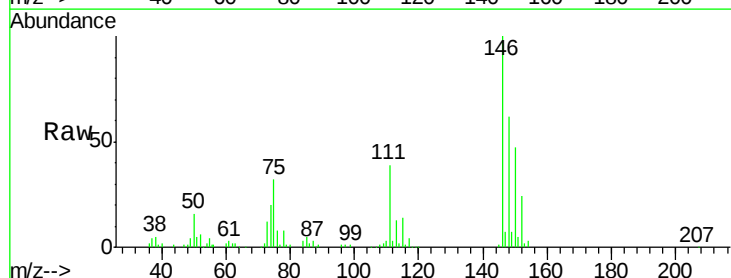
Manual Integrations
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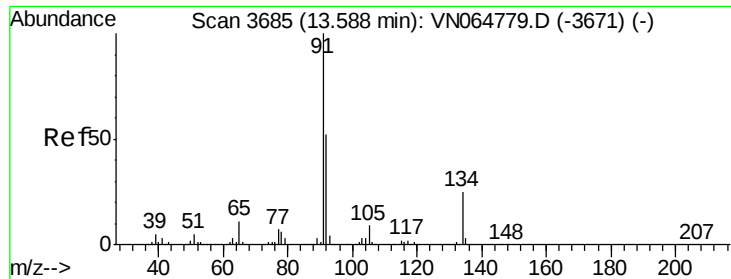
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#88
 1,4-Dichlorobenzene
 Concen: 17.458 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.8	59.3
148	63.9	31.9	95.5





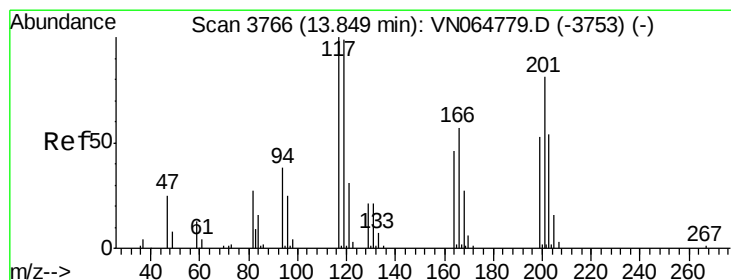
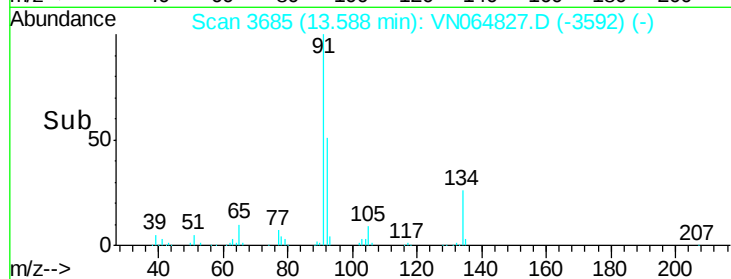
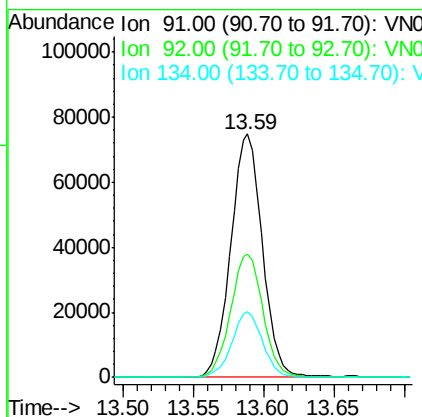
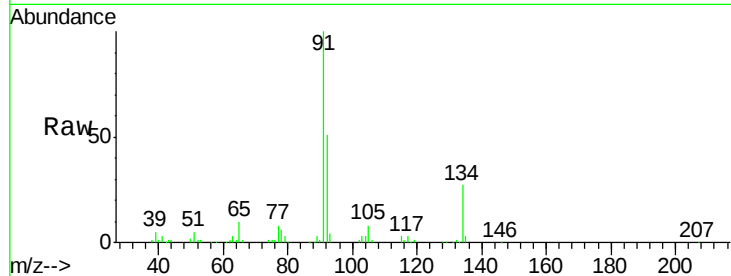
#89
n-Butylbenzene
Concen: 17.506 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.0	78.0
134	26.1	12.9	38.6

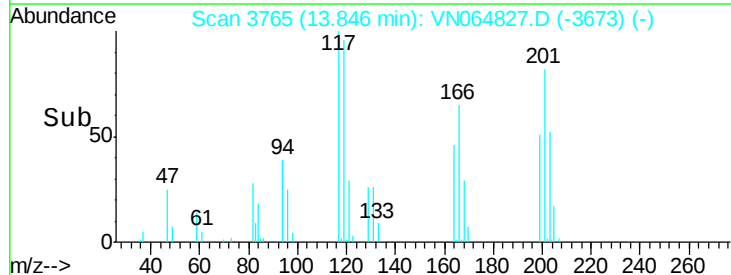
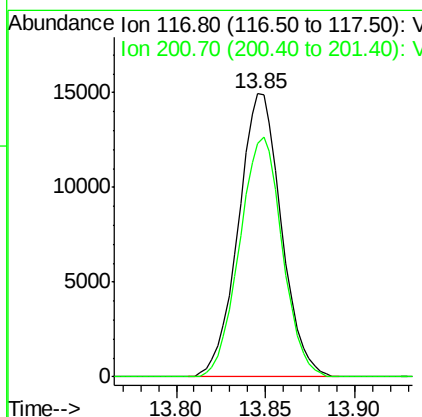
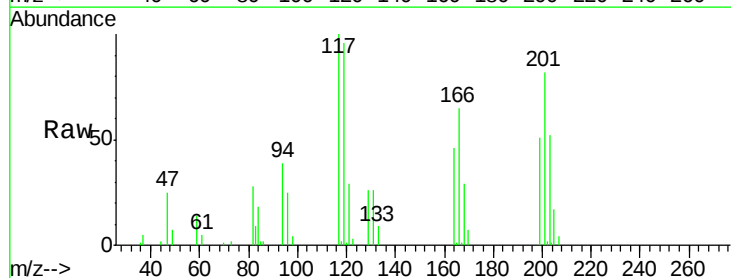
Manual Integrations
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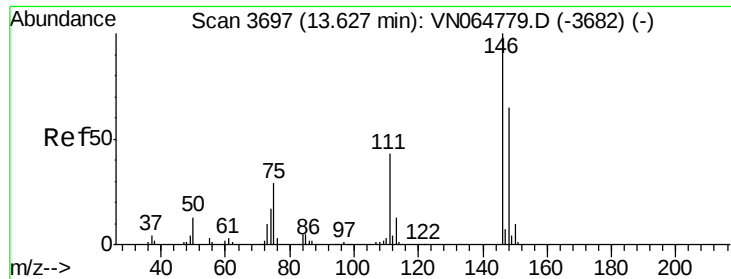
MMDadoda
11/25/2020 9:51:56 AM



#90
Hexachloroethane
Concen: 18.862 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.9	40.1	120.3





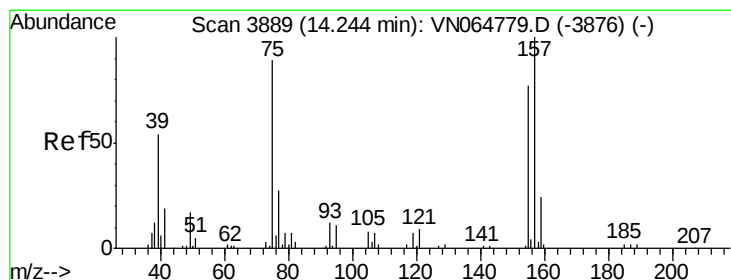
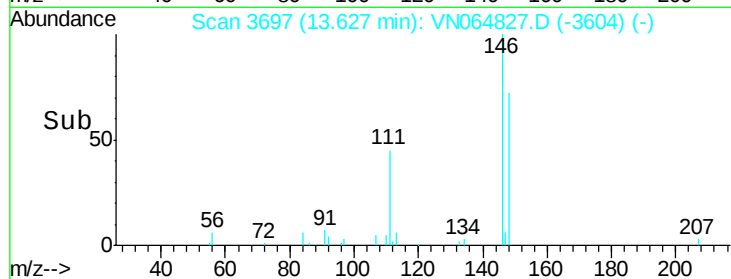
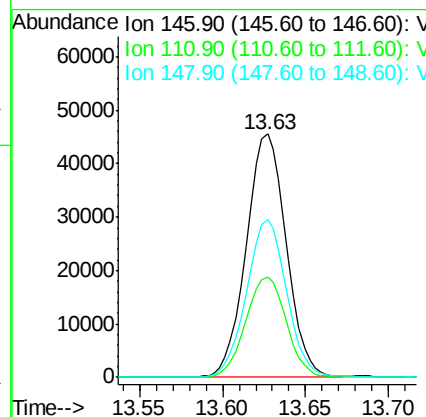
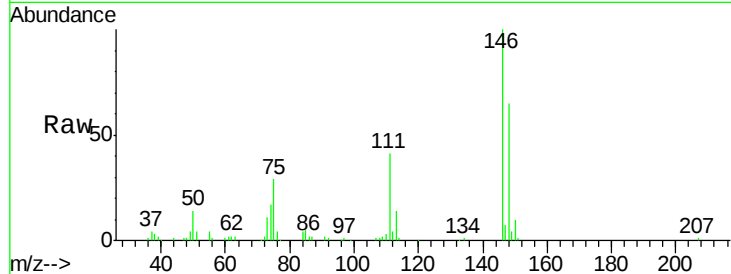
#91
 1,2-Dichlorobenzene
 Concen: 17.999 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.1	63.1
148	64.9	32.0	96.2

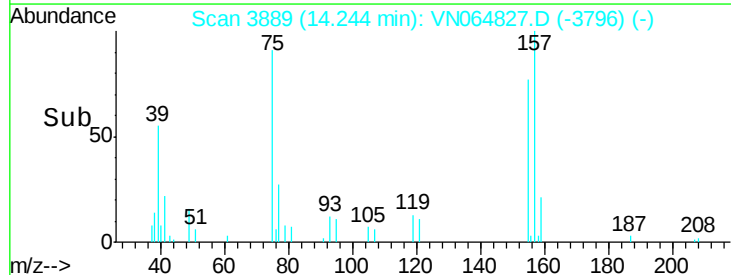
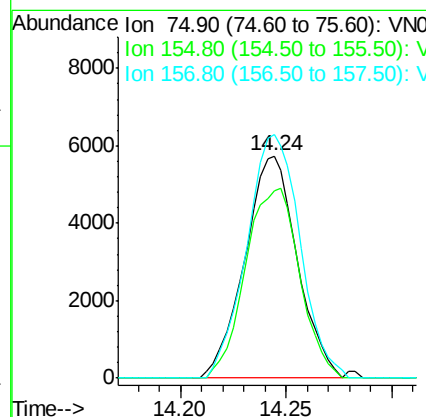
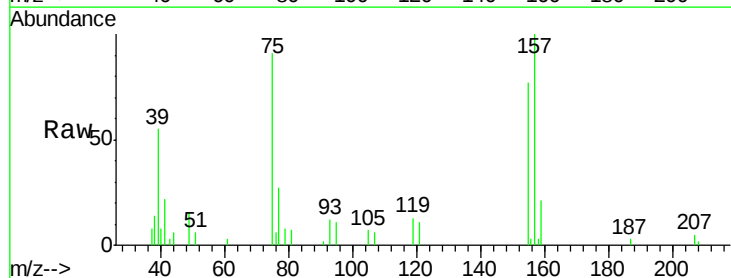
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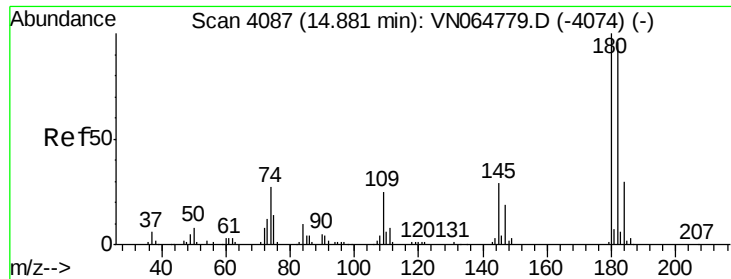
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.559 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.0	42.8	128.3
157	111.8	56.4	169.1





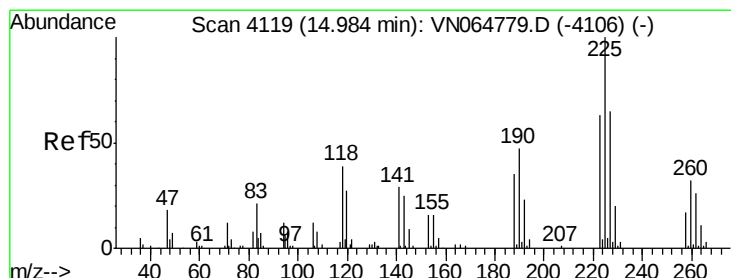
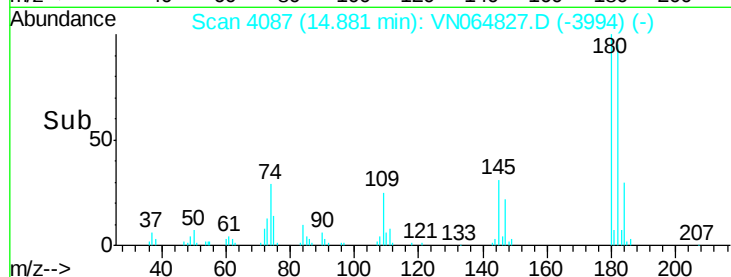
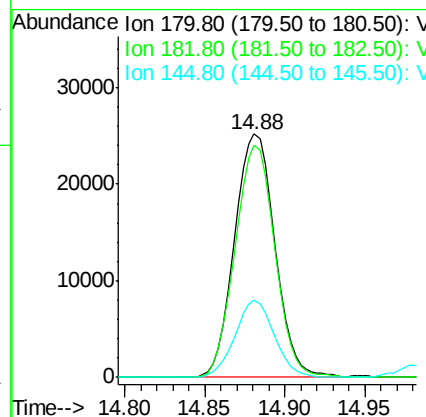
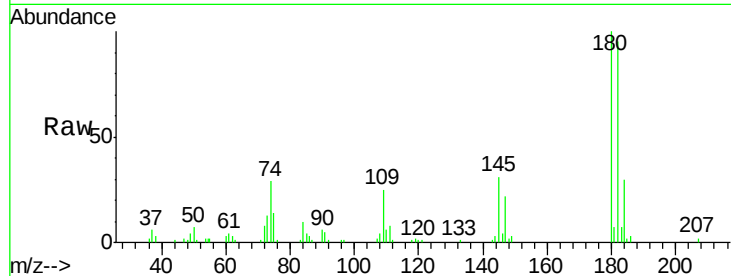
#93
 1,2,4-Trichlorobenzene
 Concen: 16.426 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.6	142.9
145	30.4	15.3	45.8

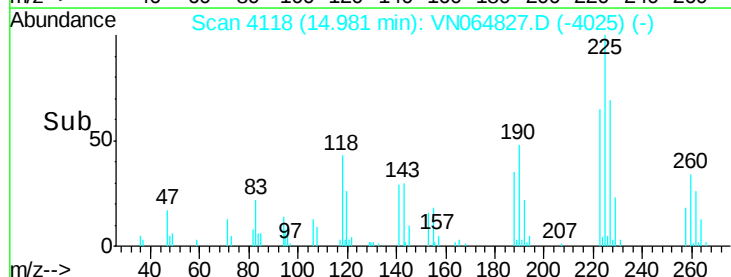
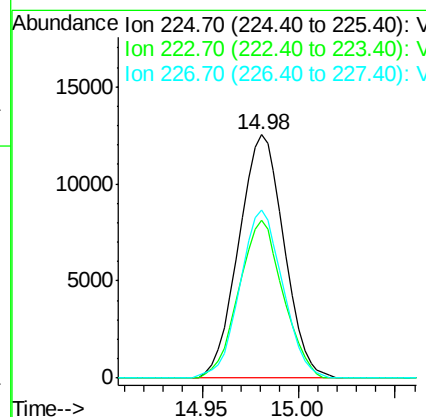
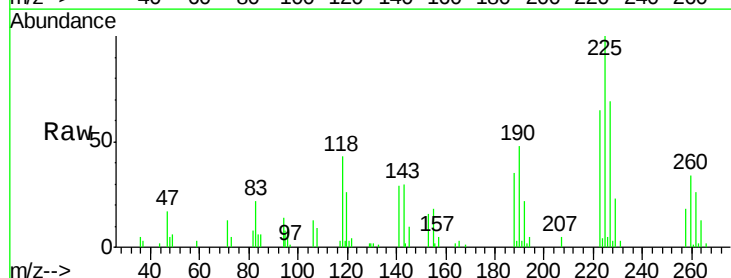
Manual Integrations
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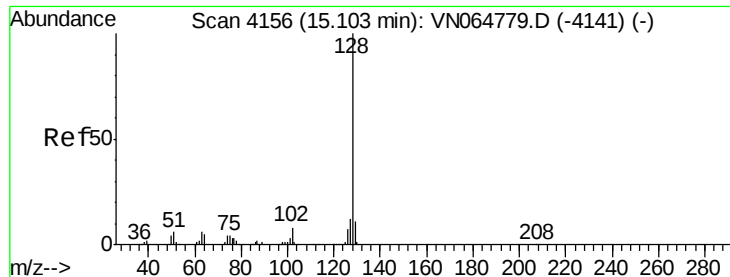
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#94
 Hexachlorobutadiene
 Concen: 17.369 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064827.D
 Acq: 24 Nov 2020 22:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.0	93.0
227	65.7	32.0	96.0





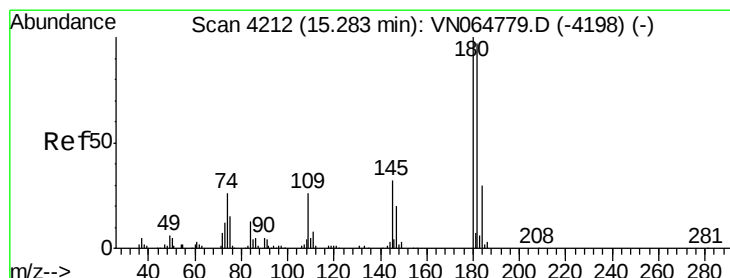
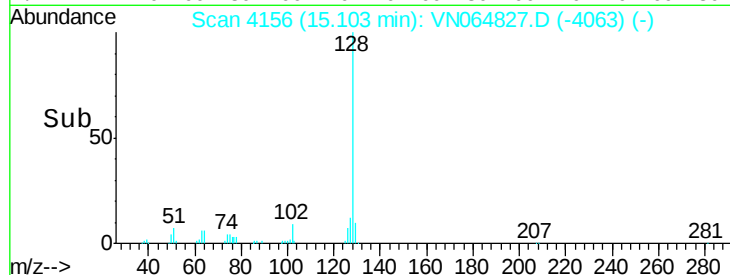
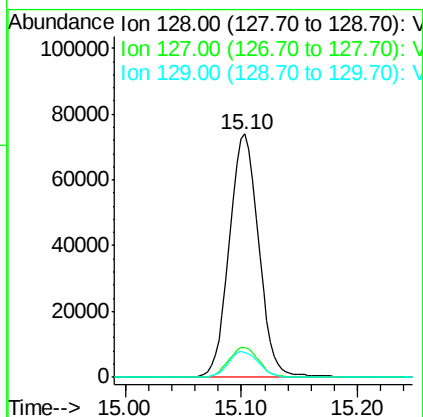
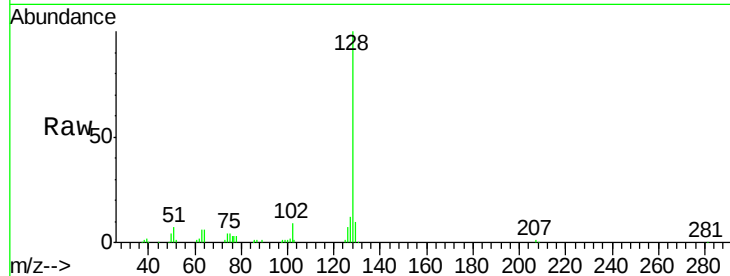
#95
Naphthalene
Concen: 16.401 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 17.916 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064827.D
Acq: 24 Nov 2020 22:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.1	144.4
145	32.2	16.4	49.1

