

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064987.D
 Acq On : 8 Dec 2020 23:26
 Operator : JC/MD
 Sample : VN1208WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:55:54 AM

Quant Time: Dec 09 08:07:38 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	188057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	307172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	271089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	132471	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	108316	49.54	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.08%
35) Dibromofluoromethane	7.55	113	95771	52.11	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.22%
50) Toluene-d8	10.06	98	363501	48.40	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.80%
62) 4-Bromofluorobenzene	12.37	95	126458	47.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.10%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	25423	15.598	ug/l	99
3) Chloromethane	2.04	50	33808	15.962	ug/l	99
4) Vinyl Chloride	2.17	62	37405	16.939	ug/l	98
5) Bromomethane	2.53	94	26154	18.053	ug/l	96
6) Chloroethane	2.67	64	24813	18.168	ug/l	96
7) Trichlorofluoromethane	2.99	101	56007	18.349	ug/l	99
8) Diethyl Ether	3.37	74	22569	18.732	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	34220	18.689	ug/l	100
10) Methyl Iodide	3.91	142	37529	15.801	ug/l	99
11) Tert butyl alcohol	4.74	59	28675	84.102	ug/l	98
12) 1,1-Dichloroethene	3.69	96	32206	17.661	ug/l	98
13) Acrolein	3.57	56	14769	70.915	ug/l	96
14) Allyl chloride	4.28	41	51832	17.233	ug/l	99
15) Acrylonitrile	4.93	53	86796	92.150	ug/l	99
16) Acetone	3.78	43	66044	91.894	ug/l	99
17) Carbon Disulfide	4.01	76	75525	16.044	ug/l	99
18) Methyl Acetate	4.28	43	41903	19.392	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	107839	18.438	ug/l	98
20) Methylene Chloride	4.50	84	41231	18.308	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	35301	17.432	ug/l	98
22) Diisopropyl ether	5.90	45	116836	19.407	ug/l	97
23) Vinyl Acetate	5.85	43	446679	92.784	ug/l	99
24) 1,1-Dichloroethane	5.79	63	69572	19.337	ug/l	99
25) 2-Butanone	6.79	43	106177	91.136	ug/l	96
26) 2,2-Dichloropropane	6.77	77	52505	16.826	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	43022	18.880	ug/l	95
28) Bromochloromethane	7.15	49	31464	19.116	ug/l	97
29) Tetrahydrofuran	7.17	42	70589	87.774	ug/l	98
30) Chloroform	7.32	83	70982	19.131	ug/l	93
31) Cyclohexane	7.61	56	50148	16.457	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	60964	19.131	ug/l	98
36) 1,1-Dichloropropene	7.75	75	50200	17.631	ug/l	98
37) Ethyl Acetate	6.88	43	45638	16.640	ug/l #	83
38) Carbon Tetrachloride	7.73	117	52642	17.770	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	46871	15.292	ug/l	96
40) Benzene	8.00	78	156067	17.888	ug/l	99
41) Methacrylonitrile	7.13	41	20455	16.164	ug/l #	88
42) 1,2-Dichloroethane	8.09	62	52828	17.949	ug/l	98
43) Isopropyl Acetate	8.13	43	80301	18.196	ug/l	98
44) Trichloroethene	8.80	130	42868	16.653	ug/l	99
45) 1,2-Dichloropropane	9.08	63	41805	18.503	ug/l	100
46) Dibromomethane	9.17	93	28326	18.766	ug/l	95
47) Bromodichloromethane	9.37	83	55445	18.255	ug/l	99
48) Methyl methacrylate	9.17	41	37267	17.672	ug/l	99
49) 1,4-Dioxane	9.17	88	13437	337.137	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	234644	88.564	ug/l	99
52) Toluene	10.12	92	99697	18.555	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	58501	17.294	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	64838	17.882	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	40633	18.390	ug/l	97
56) Ethyl methacrylate	10.40	69	51794	16.987	ug/l	96
57) 1,3-Dichloropropane	10.68	76	66309	18.193	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	143309	85.448	ug/l	99
59) 2-Hexanone	10.72	43	162422	85.182	ug/l	99
60) Dibromochloromethane	10.87	129	44704	18.202	ug/l	100
61) 1,2-Dibromoethane	10.98	107	40627	18.099	ug/l	99
64) Tetrachloroethene	10.60	164	43422	16.464	ug/l	95
65) Chlorobenzene	11.41	112	107929	18.540	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	43029	20.112	ug/l	98
67) Ethyl Benzene	11.48	91	178149	18.318	ug/l	99
68) m/p-Xylenes	11.59	106	138043	37.491	ug/l	99
69) o-Xylene	11.92	106	66196	18.945	ug/l	98
70) Styrene	11.94	104	111288	18.867	ug/l	99
71) Bromoform	12.10	173	31575	18.478	ug/l #	100
73) Isopropylbenzene	12.22	105	172708	18.743	ug/l	100
74) N-amyl acetate	12.04	43	63236	17.439	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	55083	20.396	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	52321m	18.340	ug/l	
77) Bromobenzene	12.50	156	46398	18.678	ug/l	98
78) n-propylbenzene	12.57	91	189764	18.078	ug/l	98
79) 2-Chlorotoluene	12.65	91	120078	18.506	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	145415	18.987	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	17693	16.998	ug/l	95
82) 4-Chlorotoluene	12.75	91	125707	18.483	ug/l	100
83) tert-Butylbenzene	12.97	119	121460	18.920	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	149067	19.250	ug/l	98
85) sec-Butylbenzene	13.14	105	154335	18.107	ug/l	99
86) p-Isopropyltoluene	13.26	119	136803	17.629	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	82050	18.591	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	80488	17.244	ug/l	97
89) n-Butylbenzene	13.59	91	107518	15.777	ug/l	99
90) Hexachloroethane	13.85	117	26095	19.357	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	79950	18.449	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10349	17.030	ug/l	95

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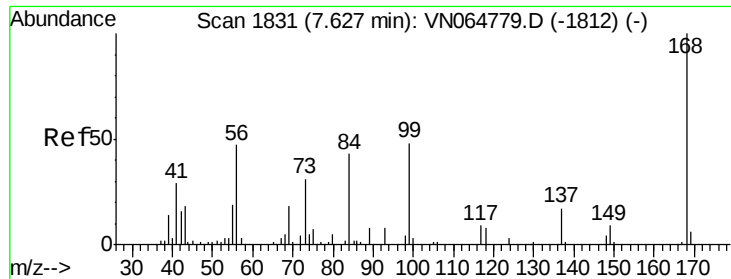
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	39461	14.720	ug/l	98
94) Hexachlorobutadiene	14.98	225	20831	17.500	ug/l	98
95) Naphthalene	15.10	128	114437	14.249	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	37258	15.610	ug/l	98

(#) = 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: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

Tot Ion:168 Resp: 188057

Ion Ratio Lower Upper

168 100

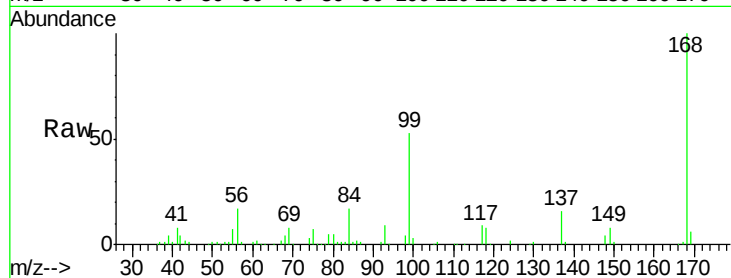
99 52.7 43.0 64.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

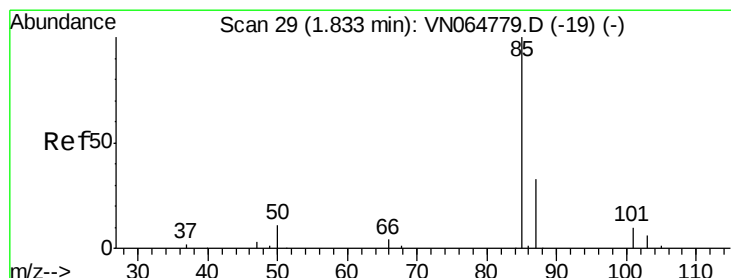
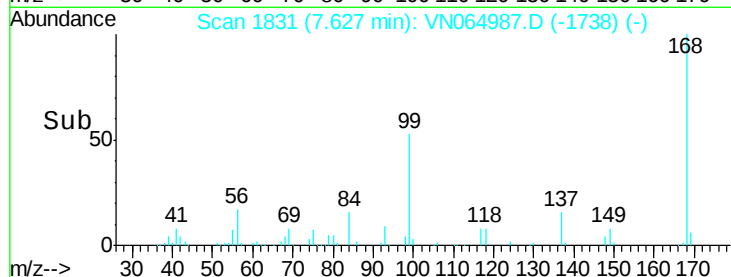
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 15.598 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064987.D

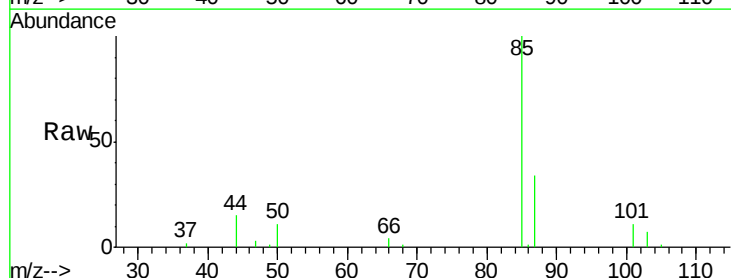
Acq: 8 Dec 2020 23:26

Tgt Ion: 85 Resp: 25423

Ion Ratio Lower Upper

85 100

87 33.7 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

20000

15000

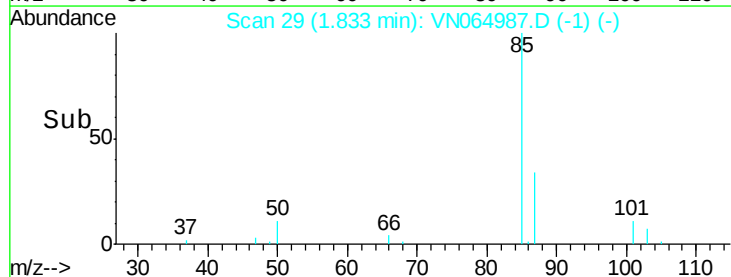
10000

5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 15.962 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

Tot Ion: 50 Resp: 33808

Ion Ratio Lower Upper

50 100

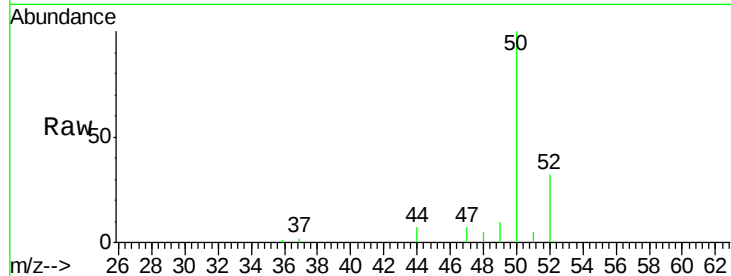
52 32.5 26.6 39.8

Manual Integrations

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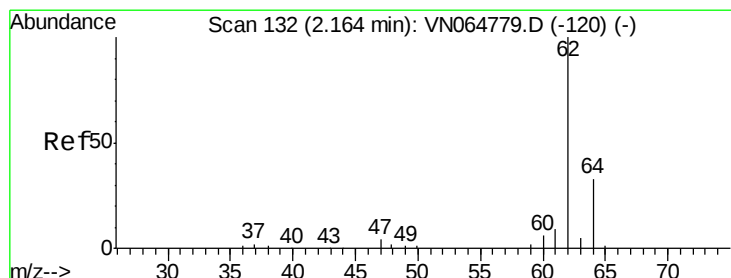
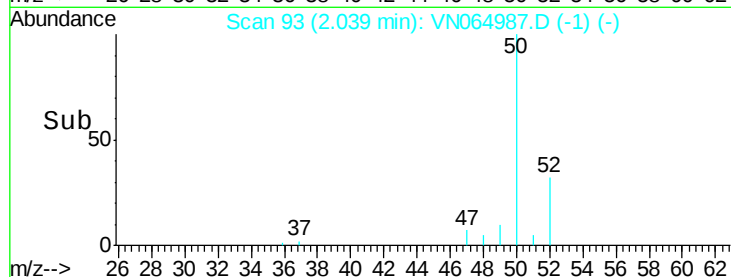
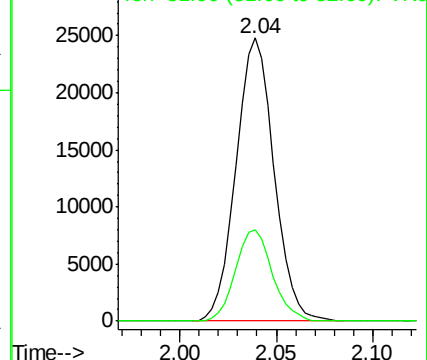
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 16.939 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064987.D

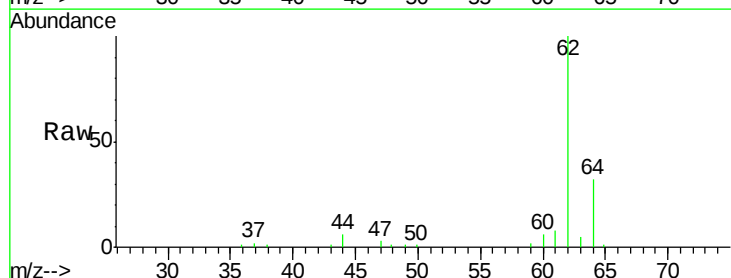
Acq: 8 Dec 2020 23:26

Tgt Ion: 62 Resp: 37405

Ion Ratio Lower Upper

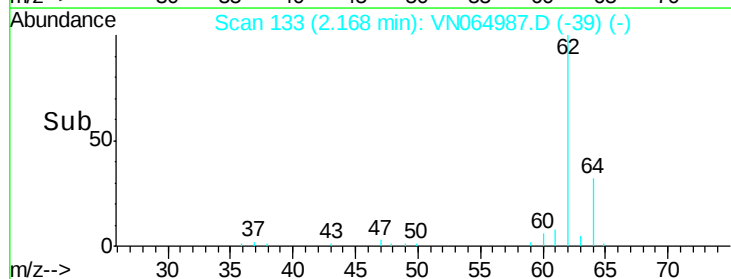
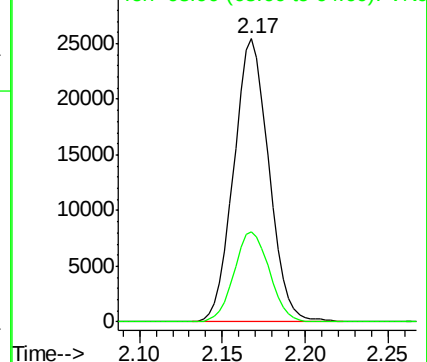
62 100

64 31.7 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: 18.053 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

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ClientSampleId :

VN1208WBS02

Tot Ion: 94 Resp: 26154

Ion Ratio Lower Upper

94 100

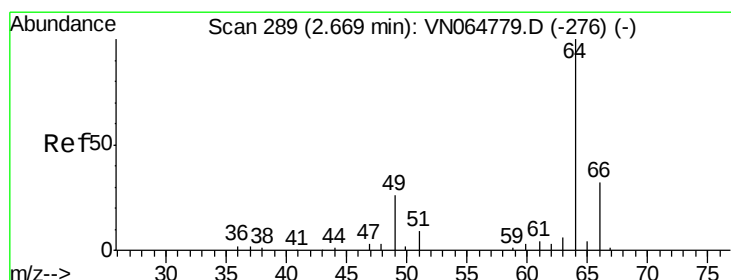
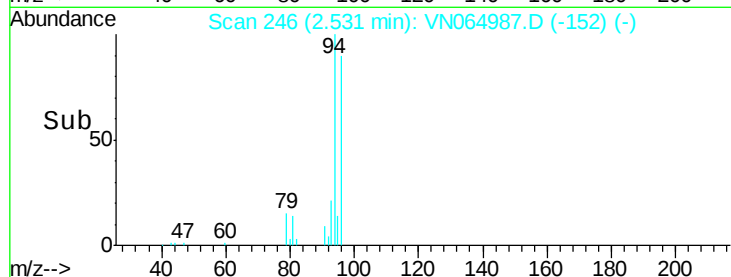
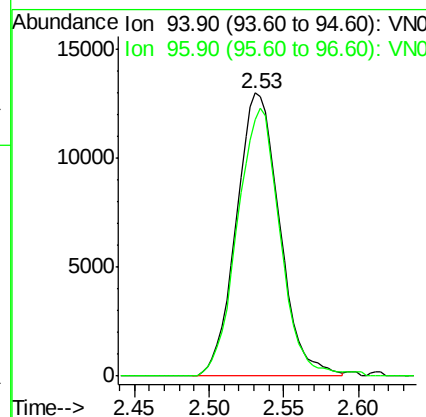
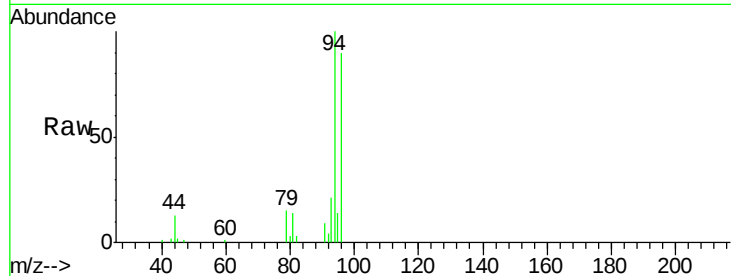
96 90.4 75.4 113.0

Manual Integrations

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#6

Chloroethane

Concen: 18.168 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064987.D

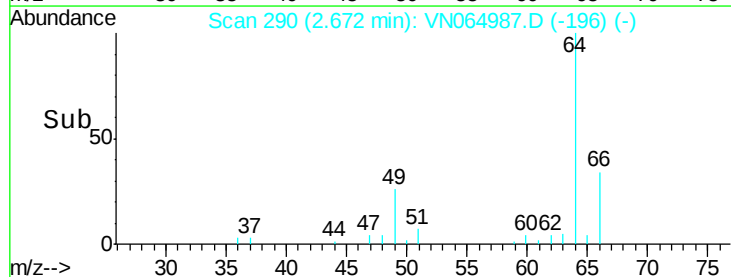
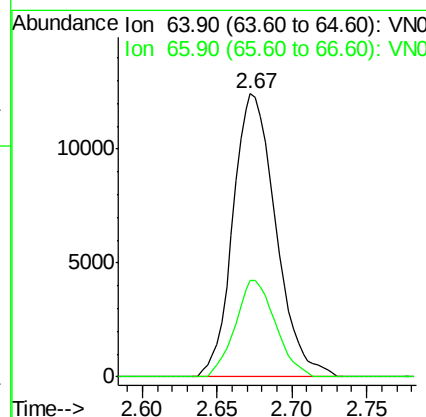
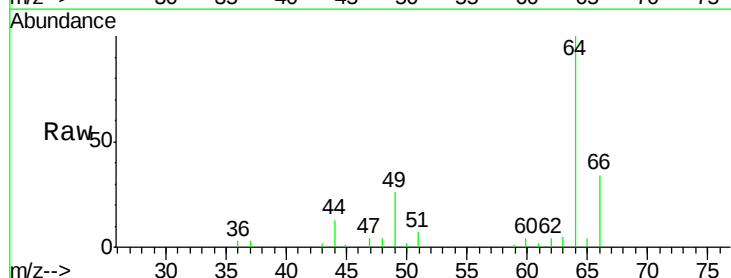
Acq: 8 Dec 2020 23:26

Tgt Ion: 64 Resp: 24813

Ion Ratio Lower Upper

64 100

66 34.1 25.6 38.4





#7

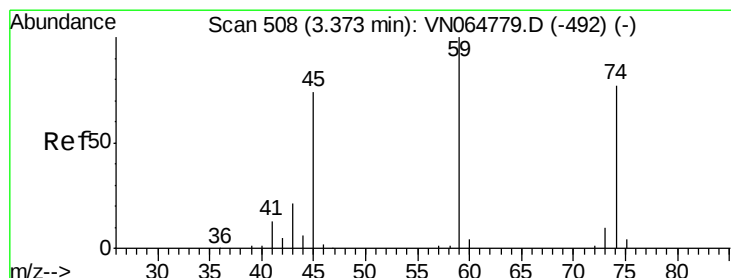
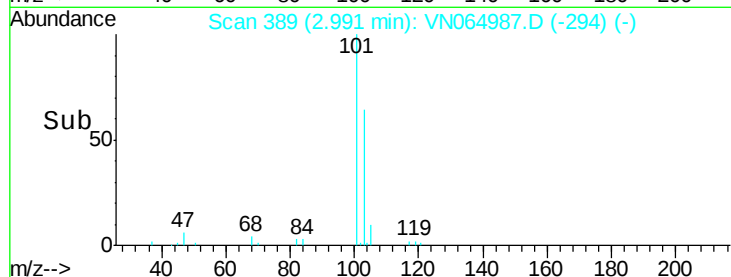
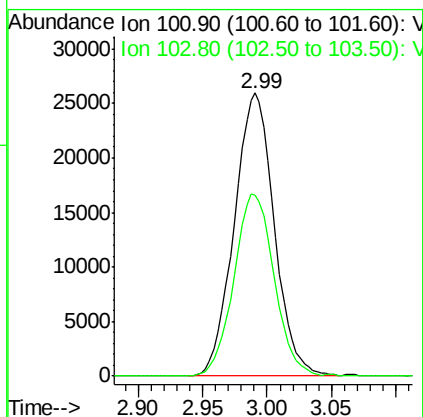
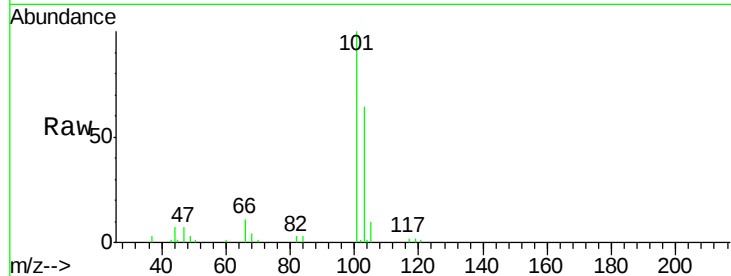
Trichlorofluoromethane
 Concen: 18.349 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN064987.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.5	75.7

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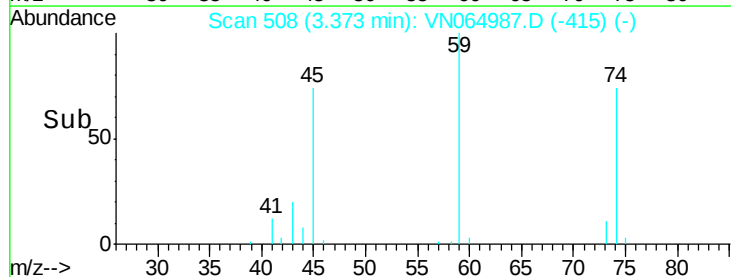
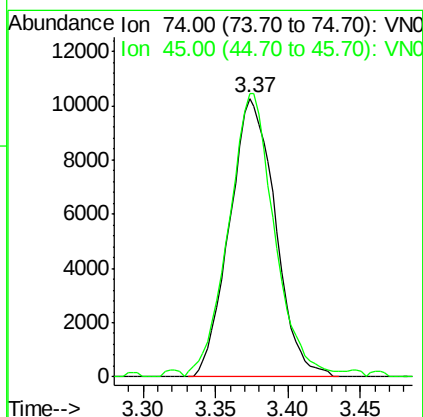
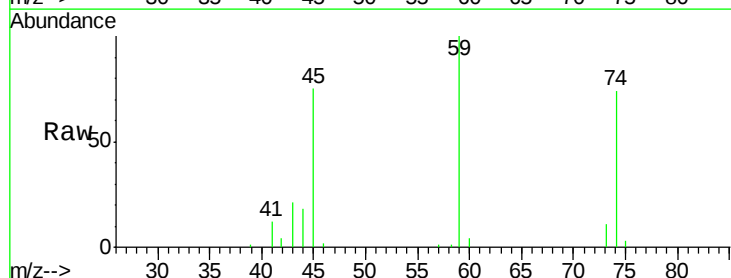
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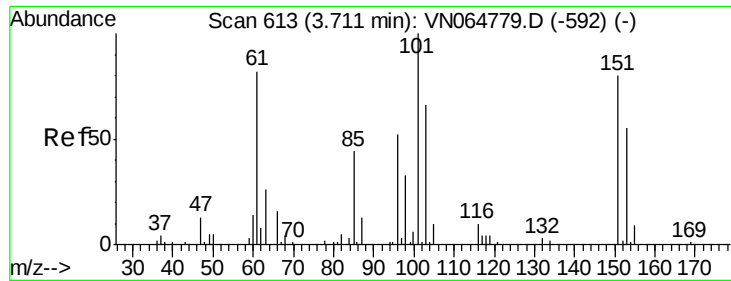


#8

Diethyl Ether
 Concen: 18.732 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.9	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.689 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.01 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

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MSVOA_N

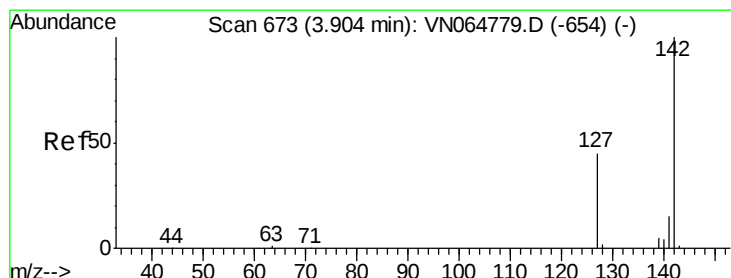
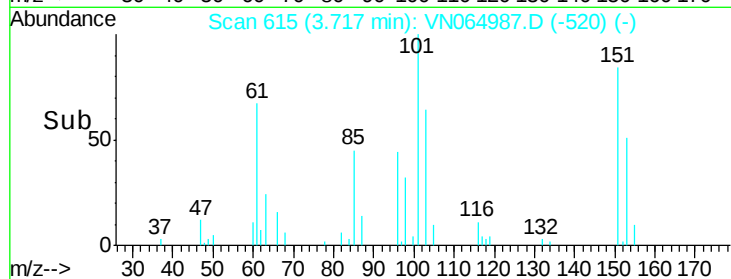
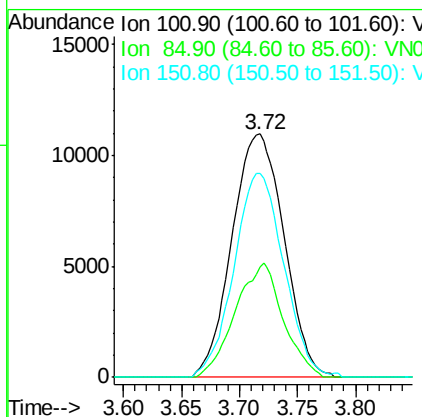
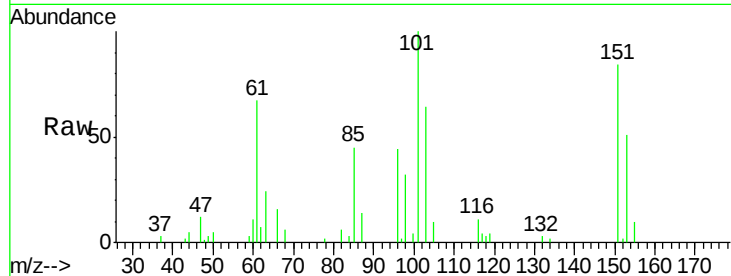
ClientSampleId :

VN1208WBS02

Tot Ion:	101	Resp:	34220
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.4	51.6
151	80.2	64.0	96.0

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#10

Methyl Iodide

Concen: 15.801 ug/l

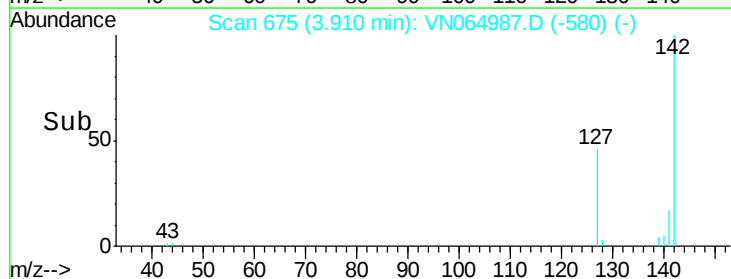
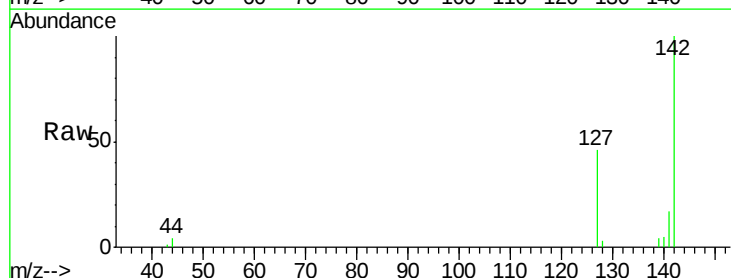
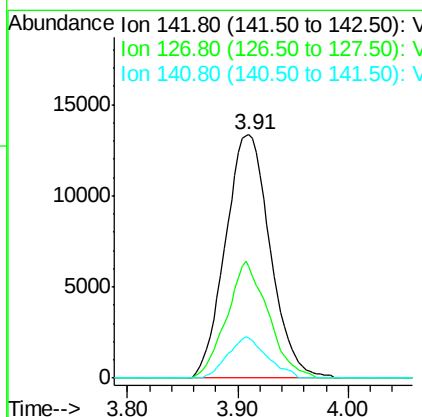
RT: 3.91 min Scan# 675

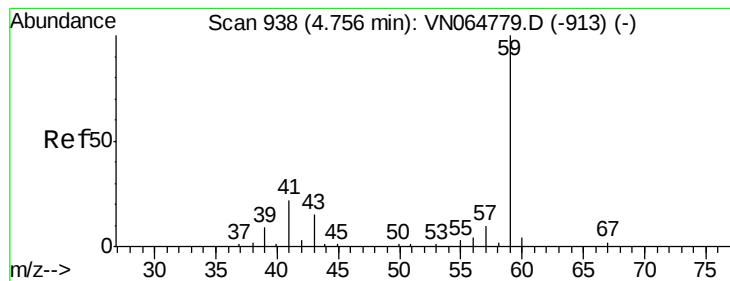
Delta R.T. 0.01 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Tgt Ion:	142	Resp:	37529
Ion Ratio	Lower	Upper	
142	100		
127	44.5	35.0	52.6
141	14.9	11.8	17.6





#11

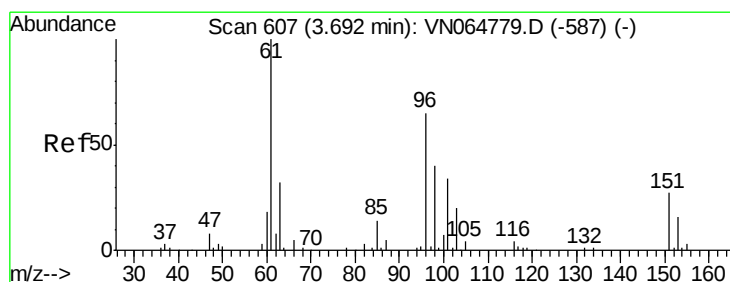
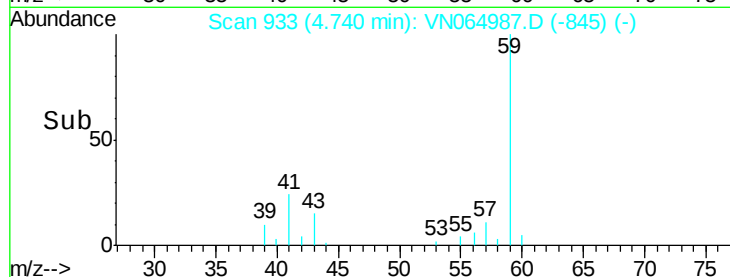
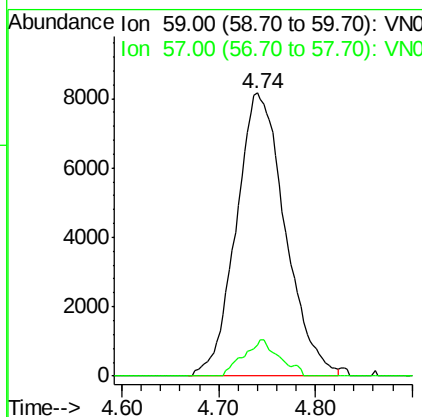
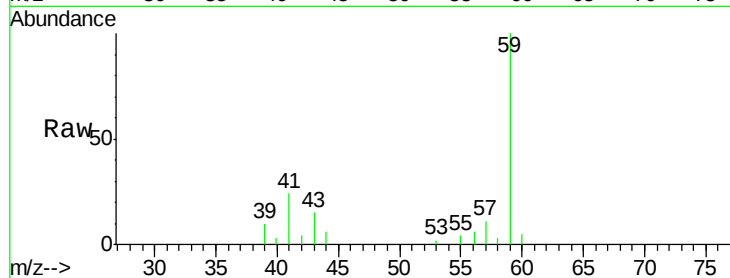
Tert butyl alcohol
Concen: 84.102 ug/l
RT: 4.74 min Scan# 933
Delta R.T. -0.02 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	7.9	11.9

Manual Integrations
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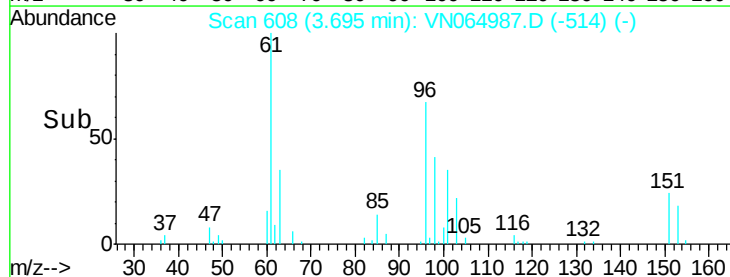
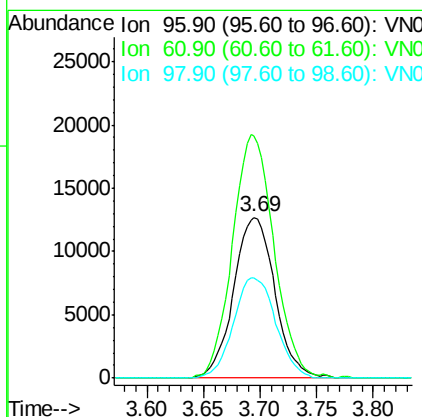
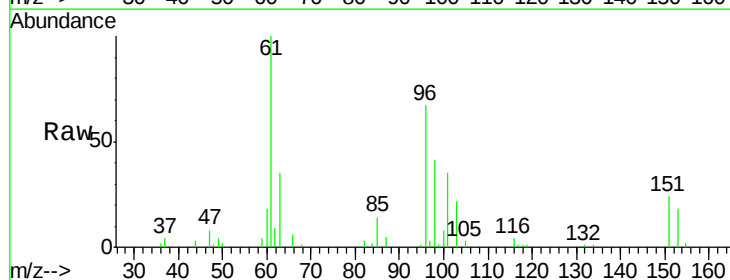
MMDadoda
12/10/2020 9:55:54 AM

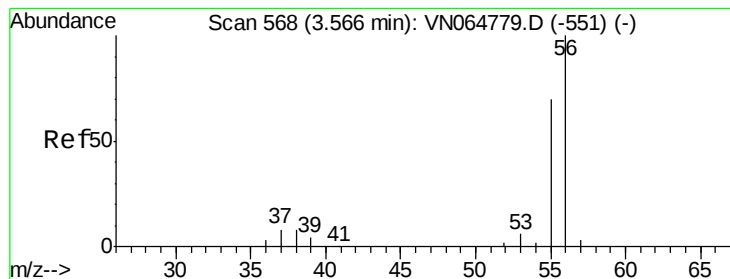


#12

1,1-Dichloroethene
Concen: 17.661 ug/l
RT: 3.69 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.3	123.4	185.2
98	62.2	49.8	74.8





#13

Acrolein

Concen: 70.915 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

Tot Ion: 56 Resp: 14769

Ion Ratio Lower Upper

56 100

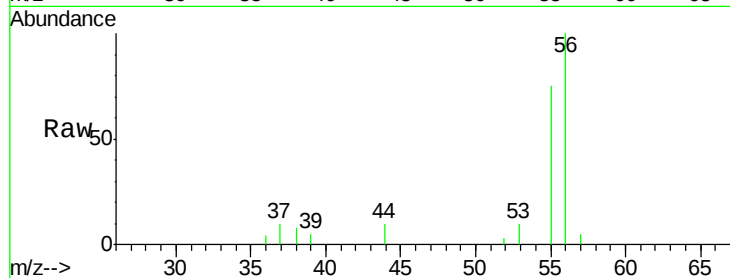
55 74.1 56.5 84.7

Manual Integrations

APPROVED

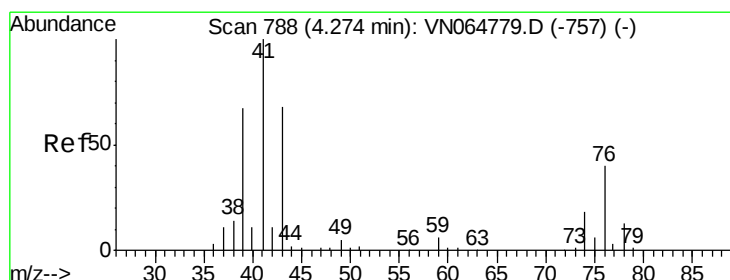
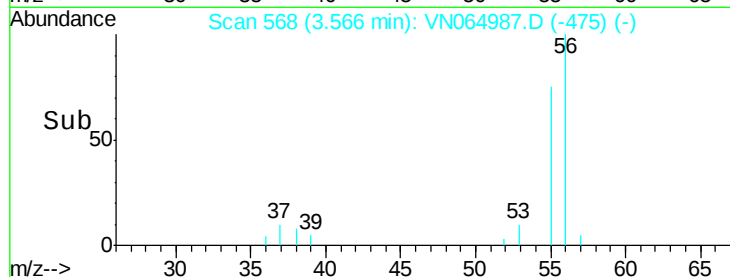
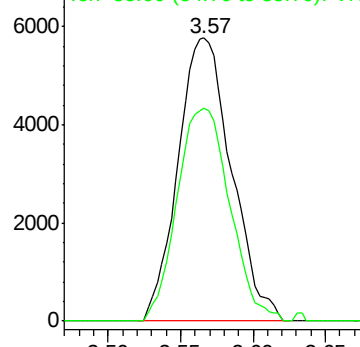
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.233 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

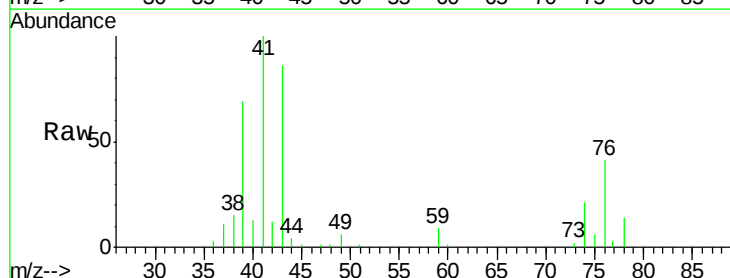
Tgt Ion: 41 Resp: 51832

Ion Ratio Lower Upper

41 100

39 62.4 50.9 76.3

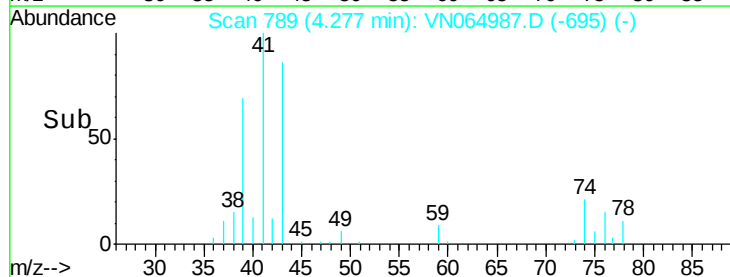
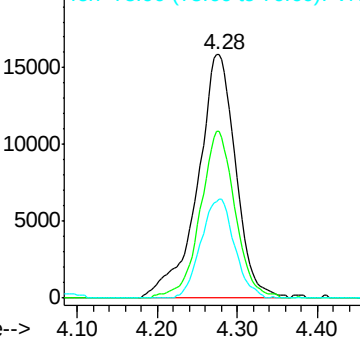
76 35.7 29.0 43.4



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: 92.150 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

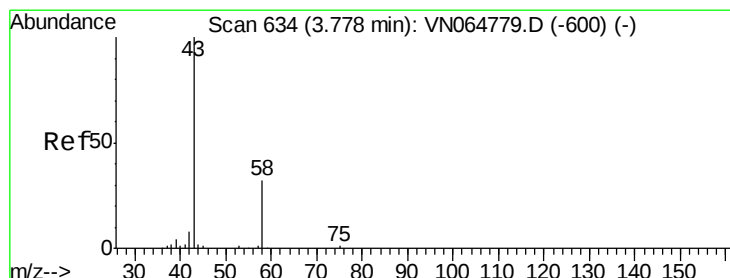
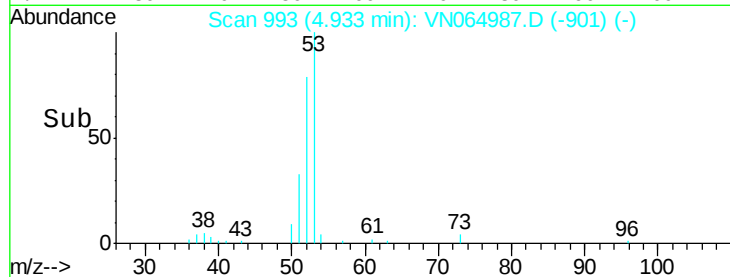
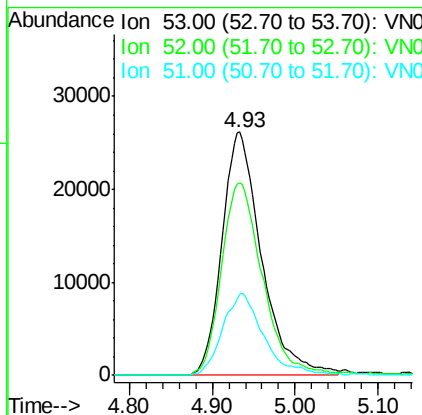
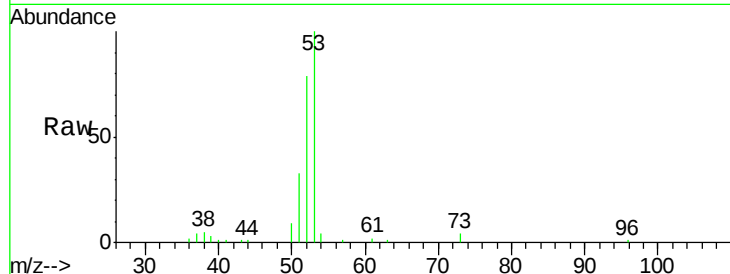
ClientSampleId :

VN1208WBS02

Tot Ion:	53	Resp:	86796
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.5	98.3
51	35.0	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 91.894 ug/l

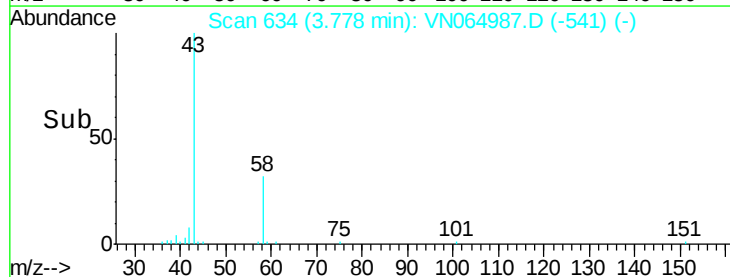
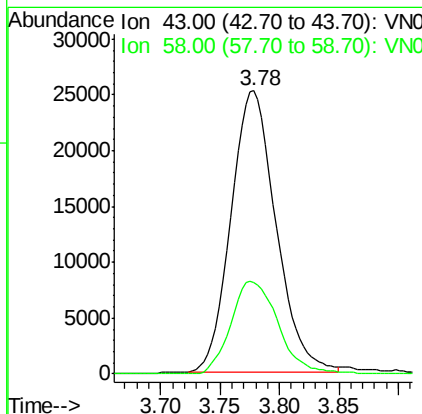
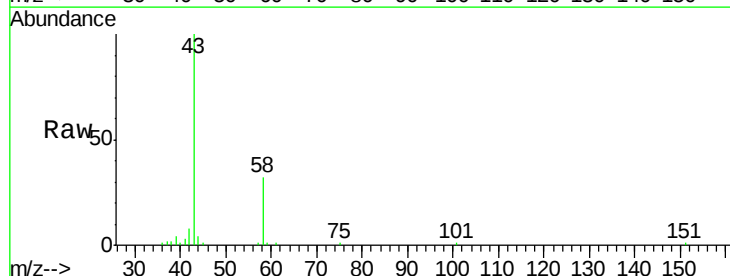
RT: 3.78 min Scan# 634

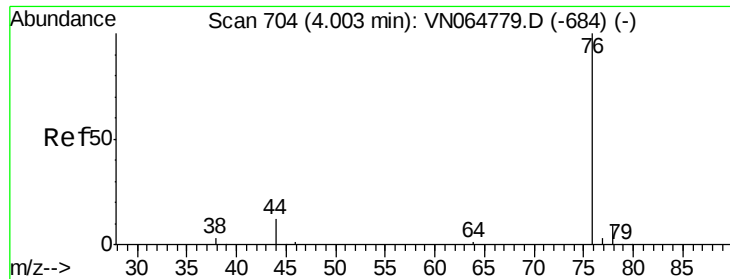
Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Tgt Ion:	43	Resp:	66044
Ion	Ratio	Lower	Upper
43	100		
58	32.5	25.7	38.5





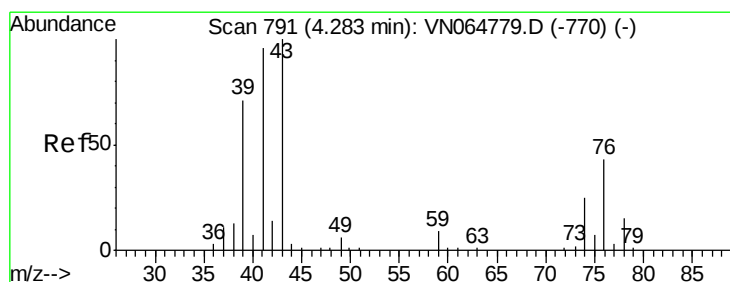
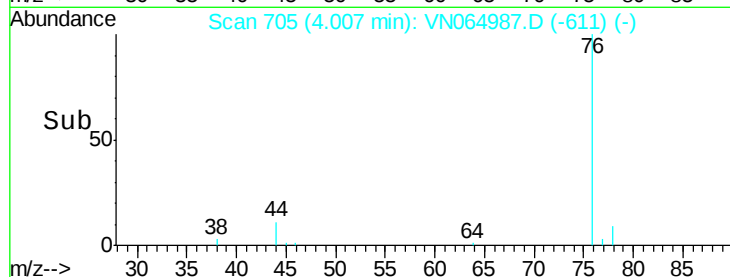
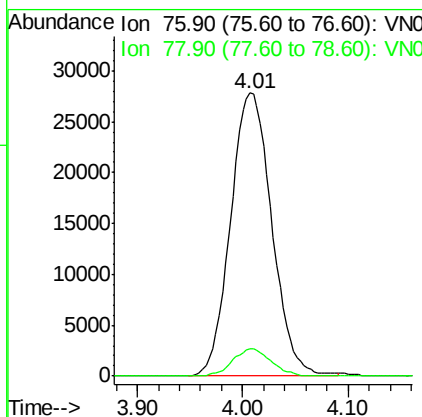
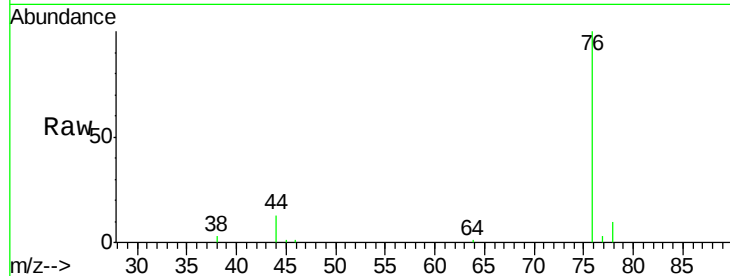
#17
Carbon Disulfide
Concen: 16.044 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion: 76 Resp: 75525
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

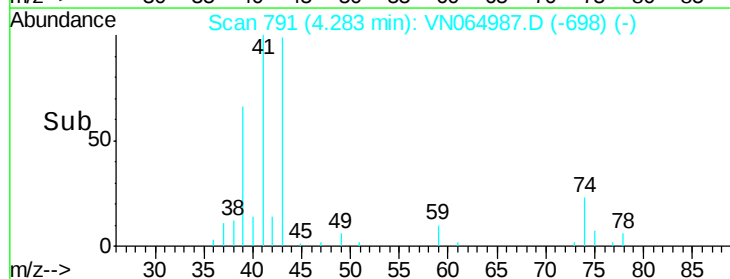
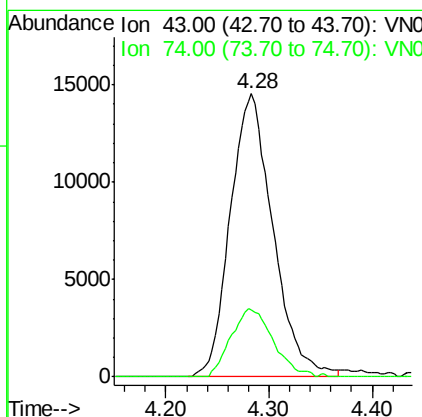
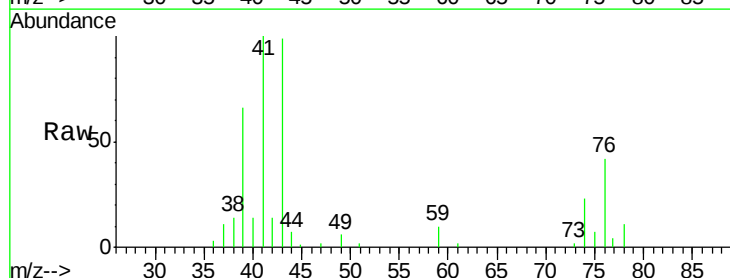
Manual Integrations
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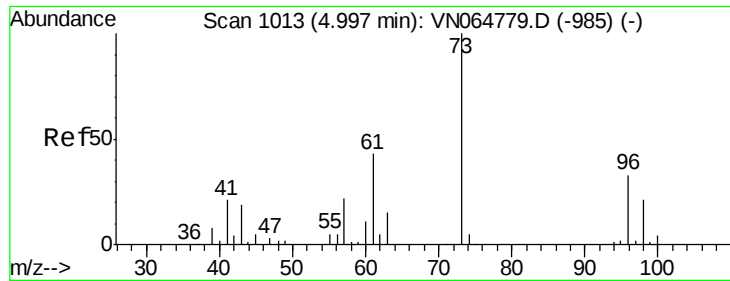
MMDadoda
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#18
Methyl Acetate
Concen: 19.392 ug/l
RT: 4.28 min Scan# 791
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion: 43 Resp: 41903
Ion Ratio Lower Upper
43 100
74 23.6 20.2 30.2





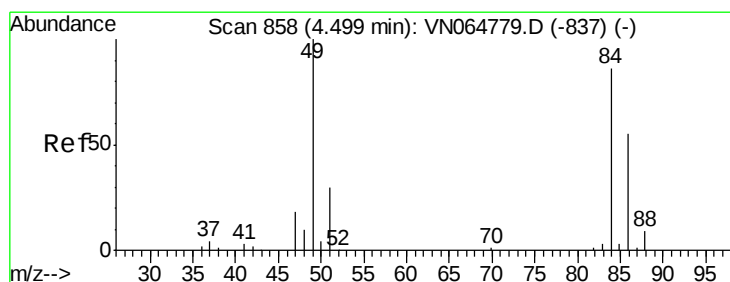
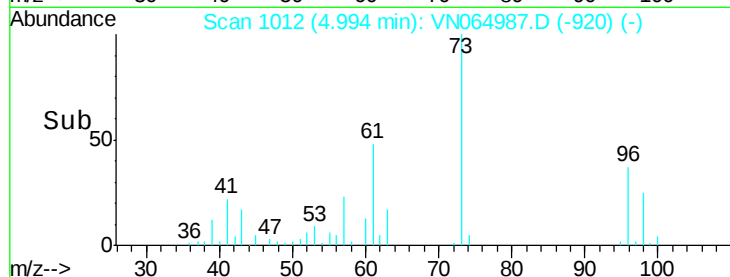
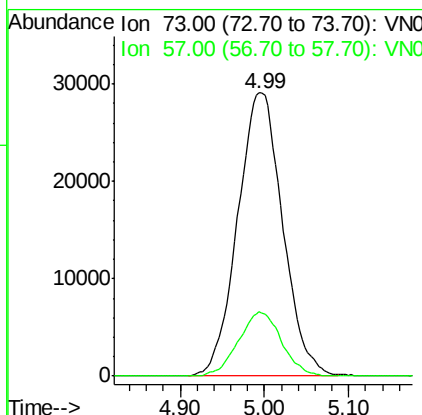
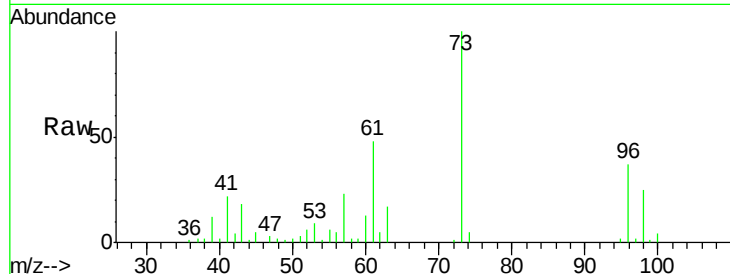
#19
Methvl tert-butvl Ether
Concen: 18.438 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion: 73 Resp: 107839
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.0

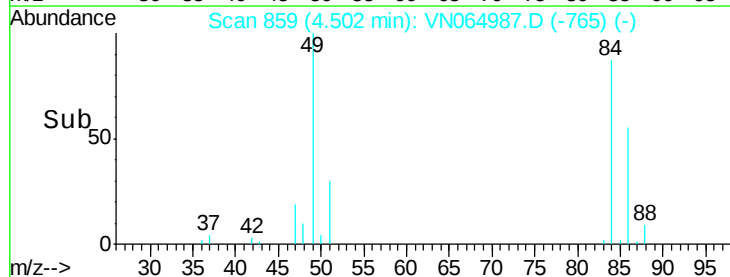
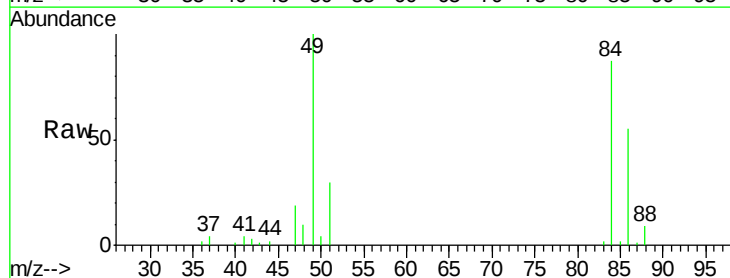
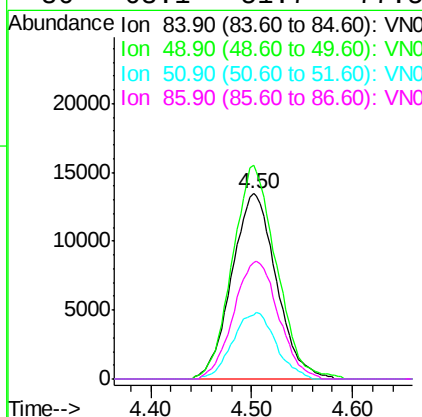
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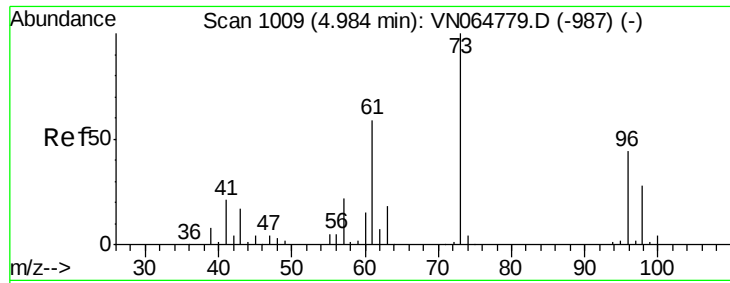
MMDadoda
12/10/2020 9:55:54 AM



#20
Methylene Chloride
Concen: 18.308 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion: 84 Resp: 41231
Ion Ratio Lower Upper
84 100
49 115.3 93.4 140.0
51 34.8 28.2 42.4
86 63.1 51.7 77.5





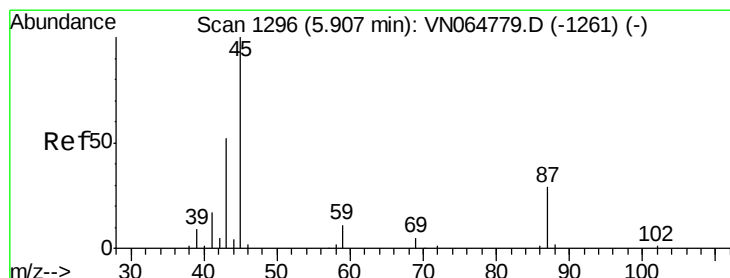
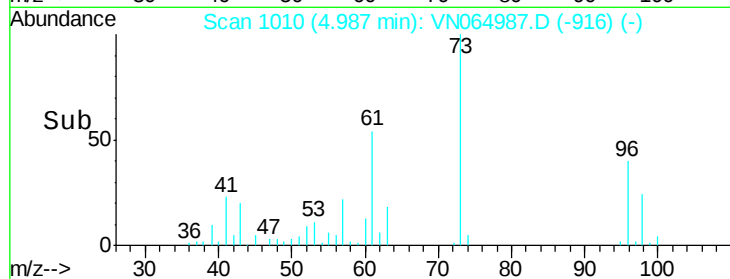
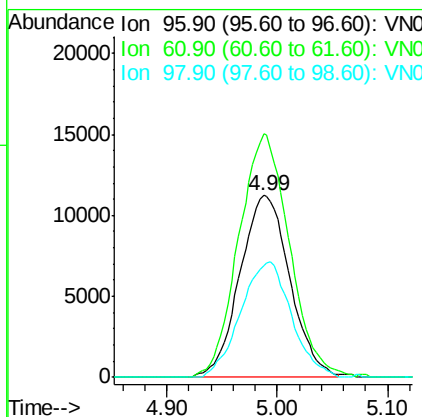
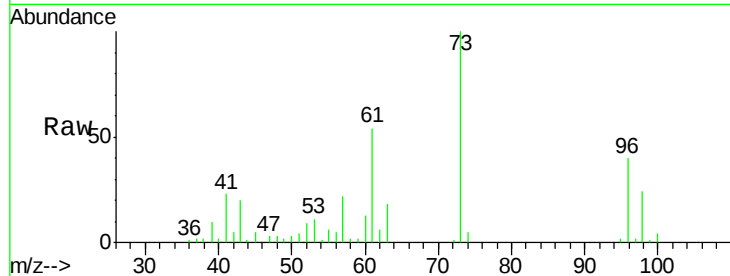
#21
trans-1,2-Dichloroethene
Concen: 17.432 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.9	108.4	162.6
98	61.2	51.3	76.9

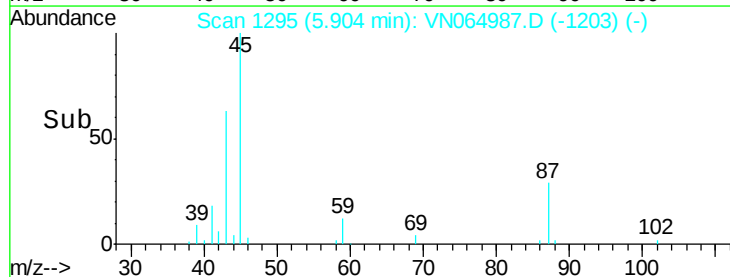
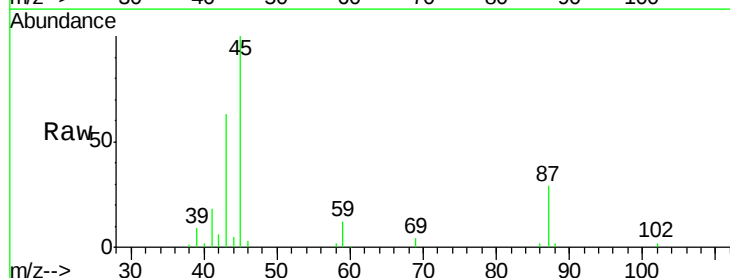
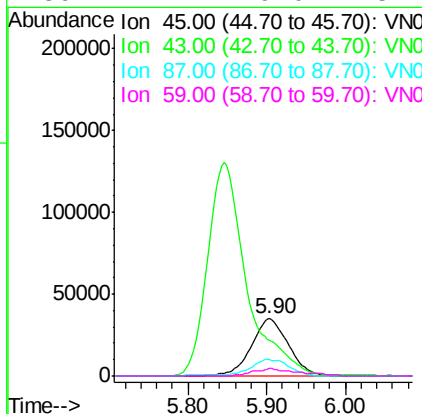
Manual Integrations
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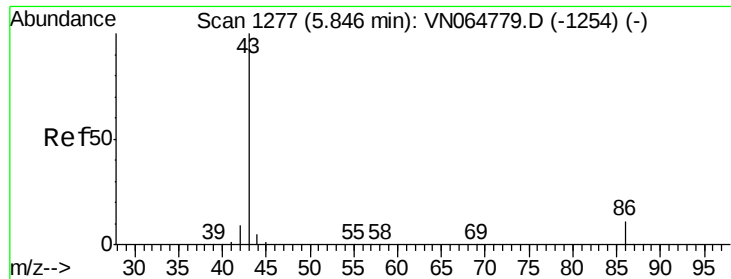
MMDadoda
12/10/2020 9:55:54 AM



#22
Diisopropyl ether
Concen: 19.407 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.4	46.2	69.2
87	29.4	24.1	36.1
59	12.4	9.0	13.4





#23

Vinyl Acetate

Concen: 92.784 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

Tot Ion: 43 Resp: 446679

Ion Ratio Lower Upper

43 100

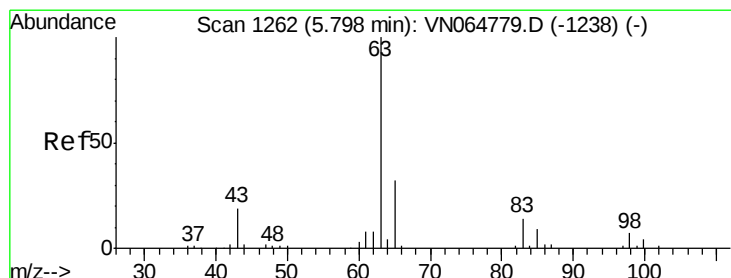
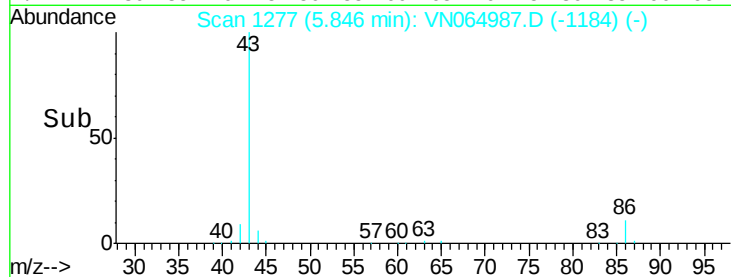
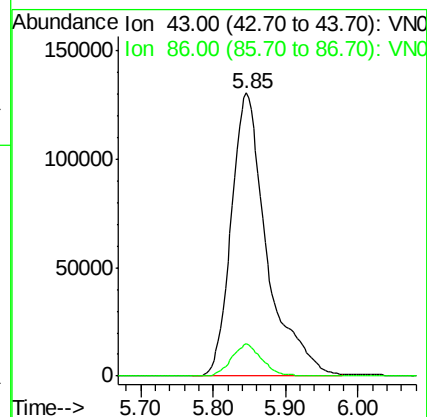
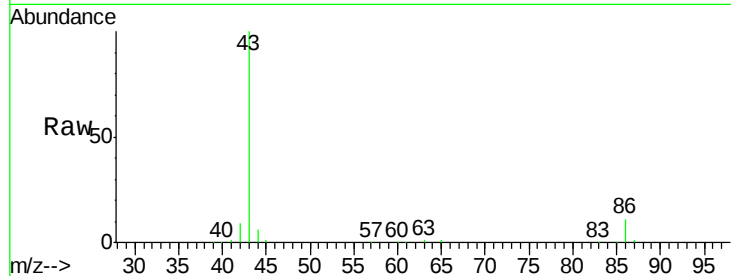
86 11.4 8.9 13.3

Manual Integrations

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MMDadoda

12/10/2020 9:55:54 AM



#24

1,1-Dichloroethane

Concen: 19.337 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

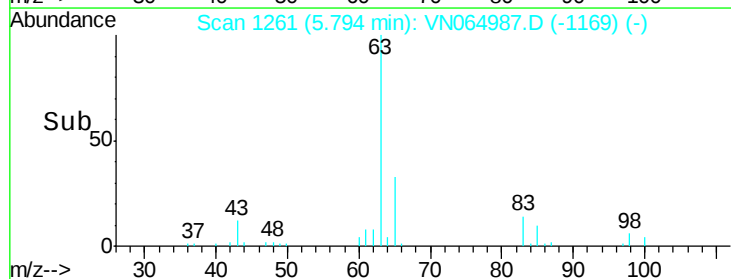
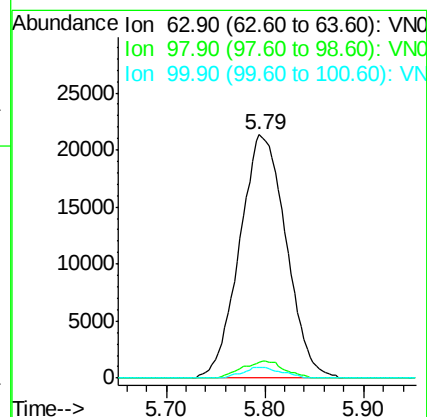
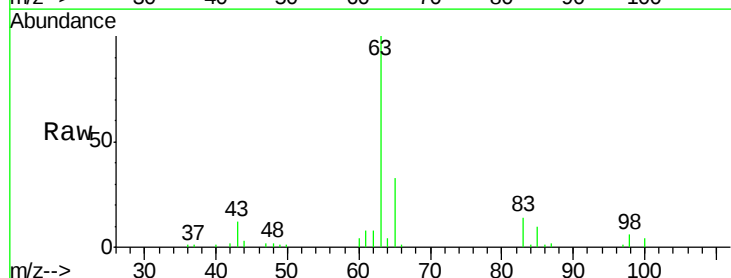
Tgt Ion: 63 Resp: 69572

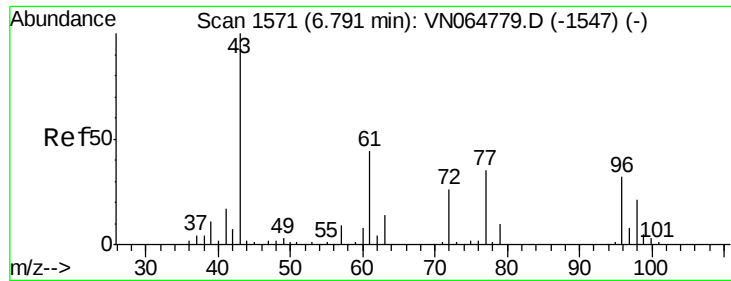
Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.5

100 4.3 2.3 6.8





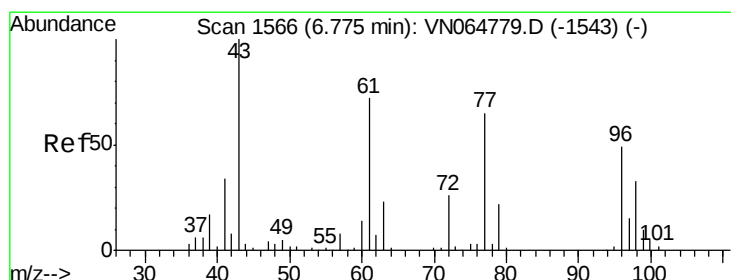
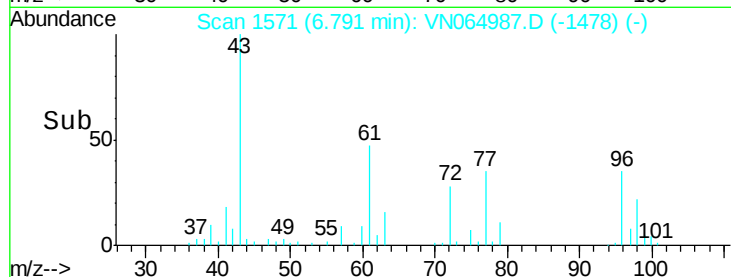
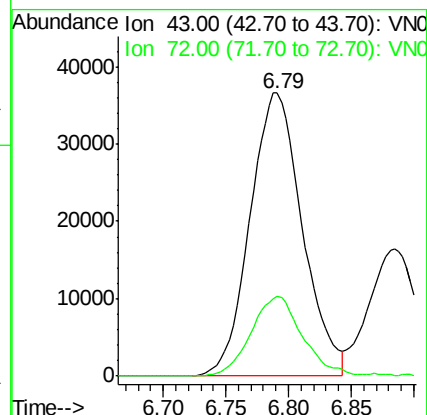
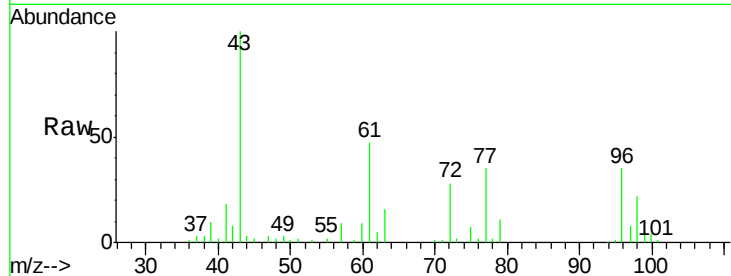
#25
2-Butanone
Concen: 91.136 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion: 43 Resp: 106177
Ion Ratio Lower Upper
43 100
72 28.2 21.0 31.6

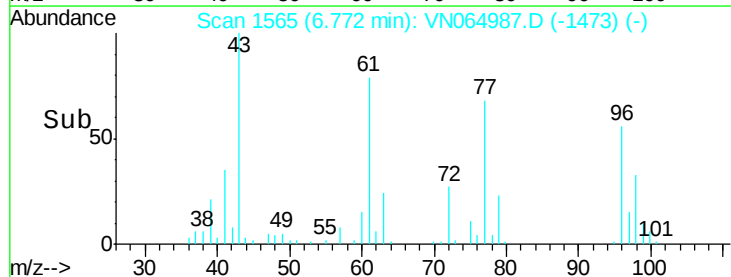
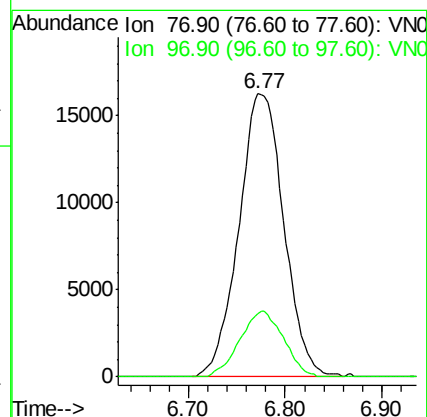
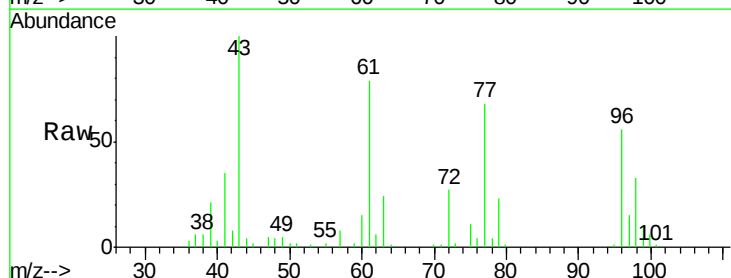
Manual Integrations
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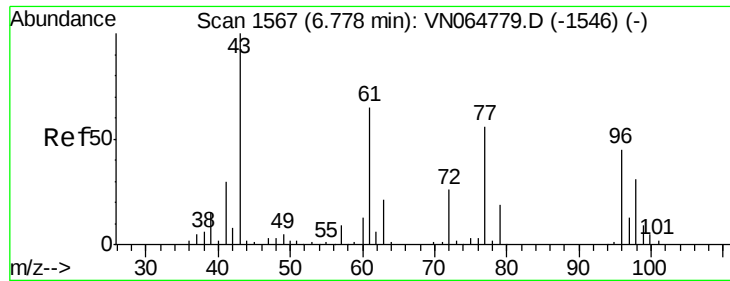
MMDadoda
12/10/2020 9:55:54 AM



#26
2,2-Dichloropropane
Concen: 16.826 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion: 77 Resp: 52505
Ion Ratio Lower Upper
77 100
97 22.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 18.880 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

Tot Ion: 96 Resp: 43022

Ion Ratio Lower Upper

96 100

61 137.5 0.0 285.8

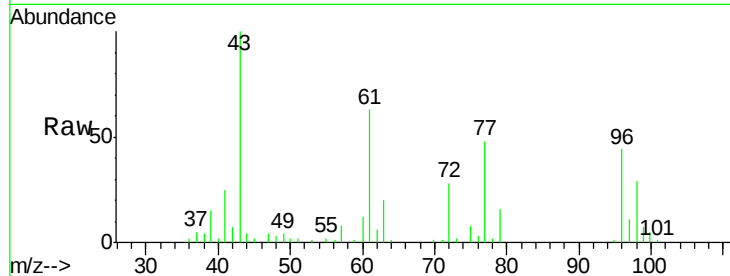
98 61.5 0.0 130.6

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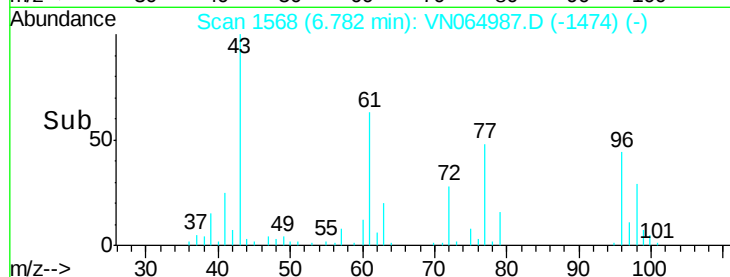


Abundance Ion 95.90 (95.60 to 96.60): VN064987.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064987.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064987.D (-1474) (-)

Time-->

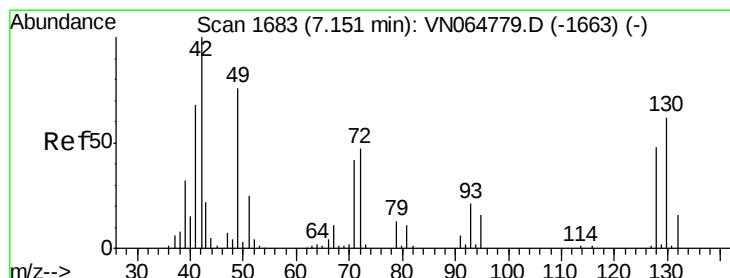


Abundance Ion 95.90 (95.60 to 96.60): VN064987.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064987.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064987.D (-1474) (-)

Time-->



#28

Bromochloromethane

Concen: 19.116 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

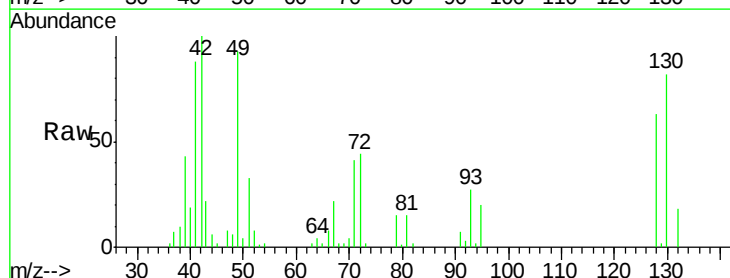
Tgt Ion: 49 Resp: 31464

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

130 85.5 66.2 99.2

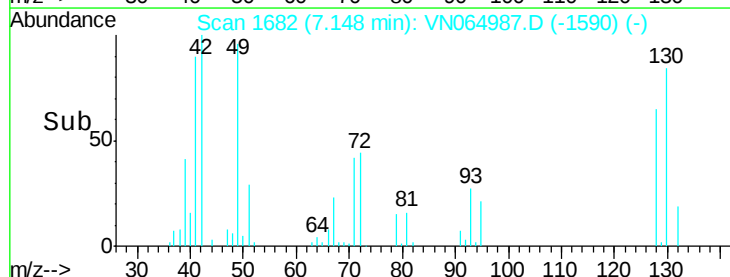


Abundance Ion 48.90 (48.60 to 49.60): VN064987.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN064987.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN064987.D (-1590) (-)

Time-->



Abundance Ion 48.90 (48.60 to 49.60): VN064987.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN064987.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN064987.D (-1590) (-)

Time-->



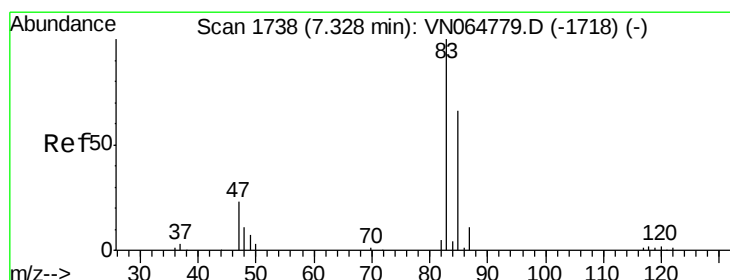
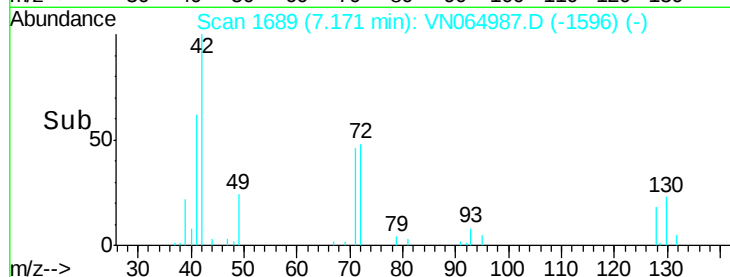
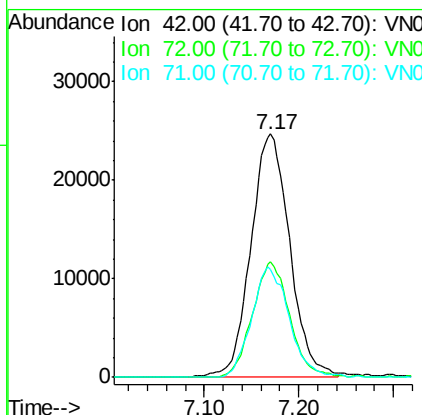
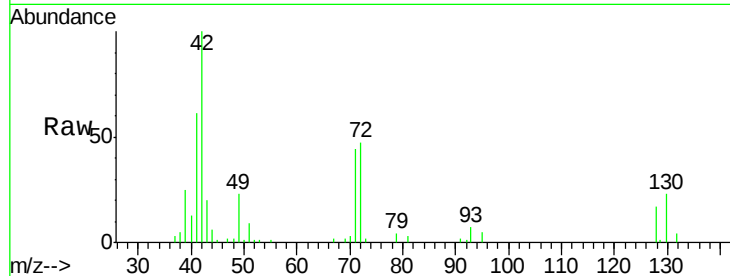
#29
Tetrahydrofuran
Concen: 87.774 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	36.6	54.8
71	43.7	33.6	50.4

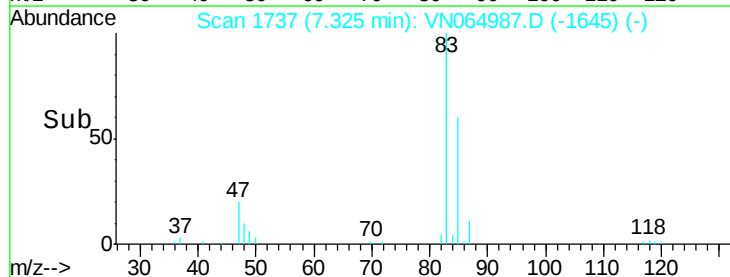
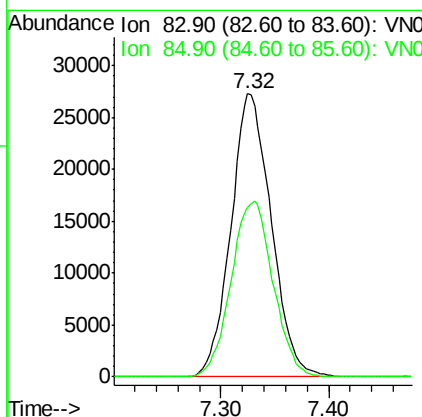
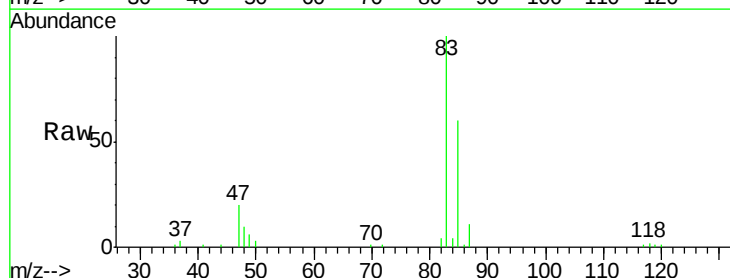
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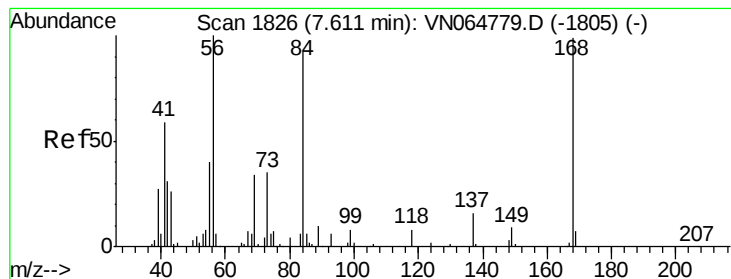
MMDadoda
12/10/2020 9:55:54 AM



#30
Chloroform
Concen: 19.131 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.1	52.6	78.8





#31

Cyclohexane

Concen: 16.457 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

Tot Ion: 56 Resp: 50148

Ion Ratio Lower Upper

56 100

69 41.8 27.5 41.3#

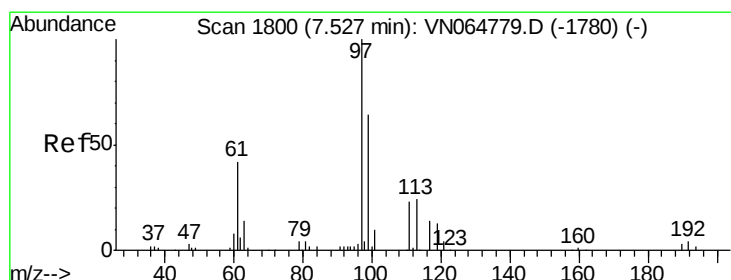
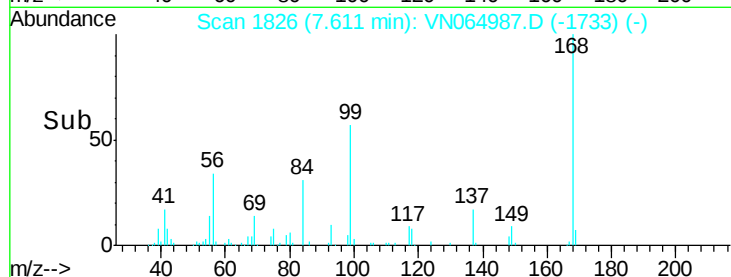
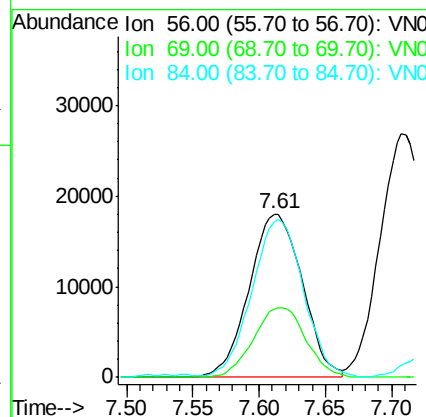
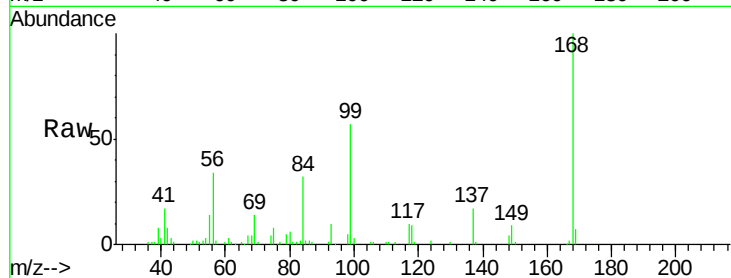
84 93.7 73.9 110.9

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#32

1,1,1-Trichloroethane

Concen: 19.131 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

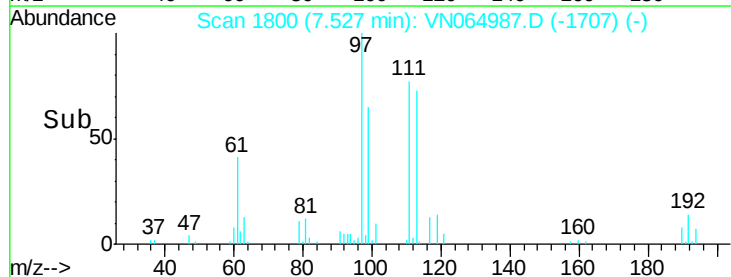
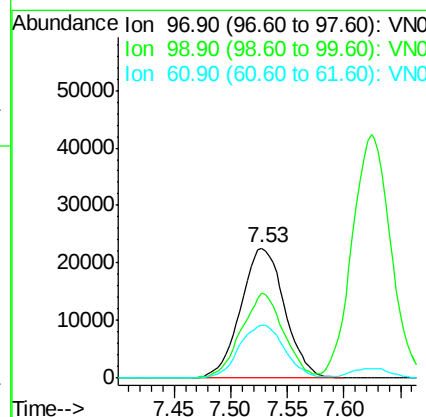
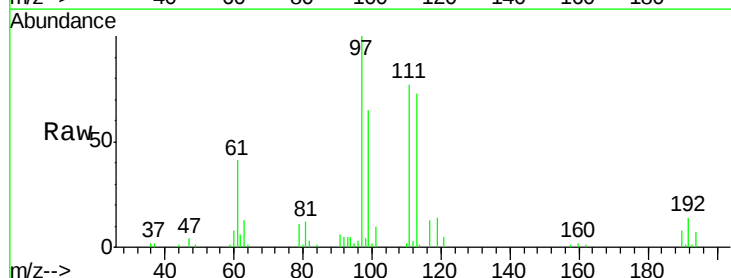
Tgt Ion: 97 Resp: 60964

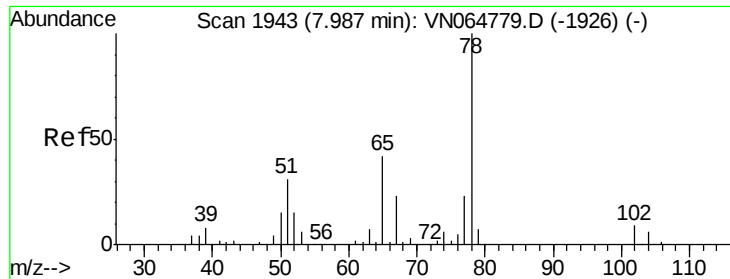
Ion Ratio Lower Upper

97 100

99 63.0 51.7 77.5

61 41.8 33.9 50.9





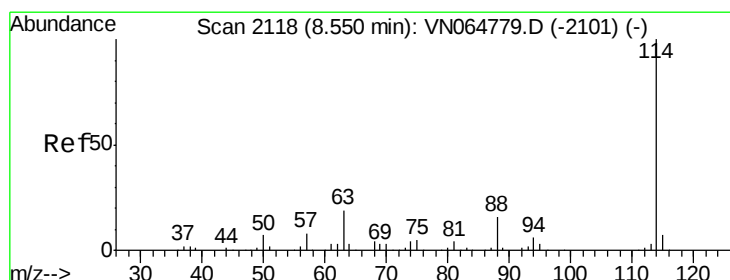
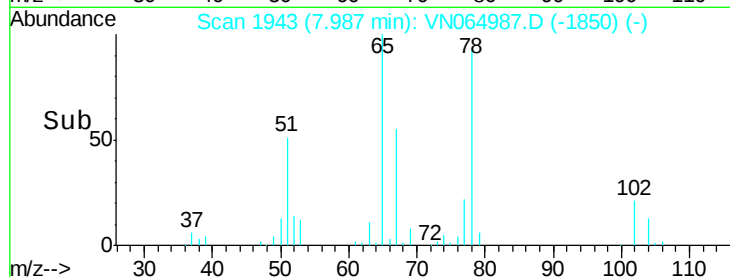
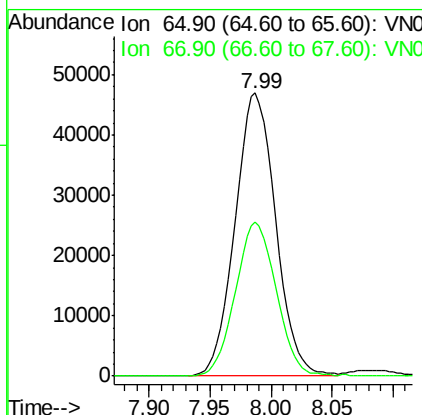
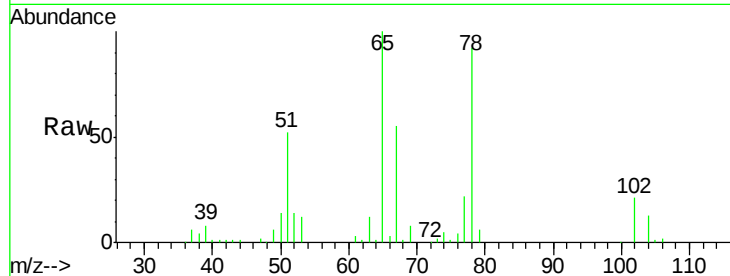
#33
 1,2-Dichloroethane-d4
 Concen: 49.543 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	108316		
67	54.6	0.0	108.2	

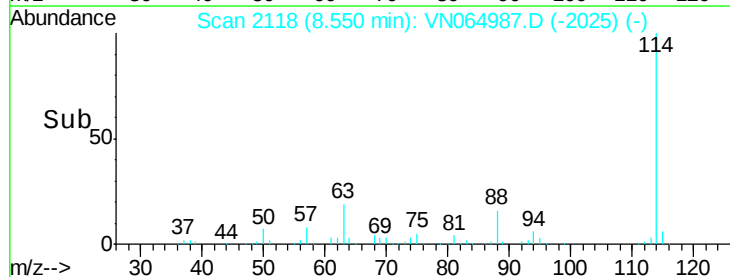
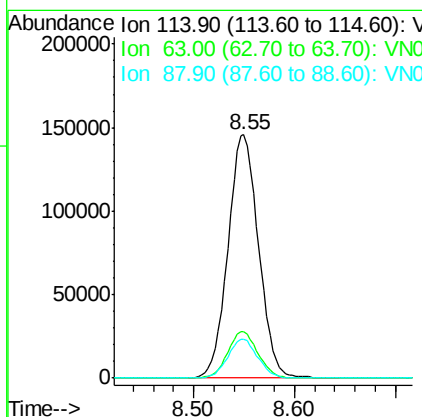
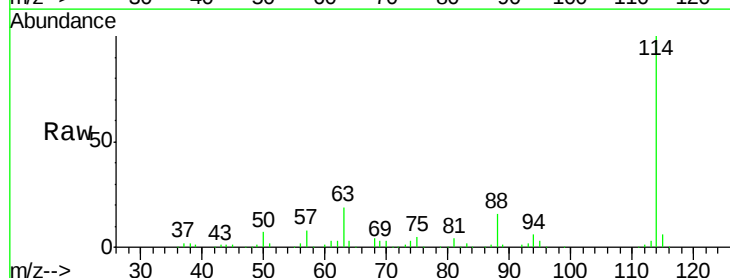
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	307172		
63	19.3	0.0	38.6	
88	16.0	0.0	32.6	





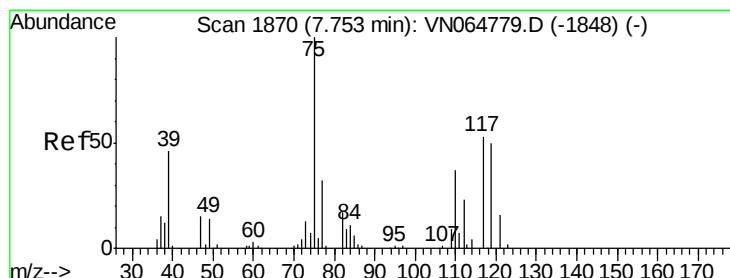
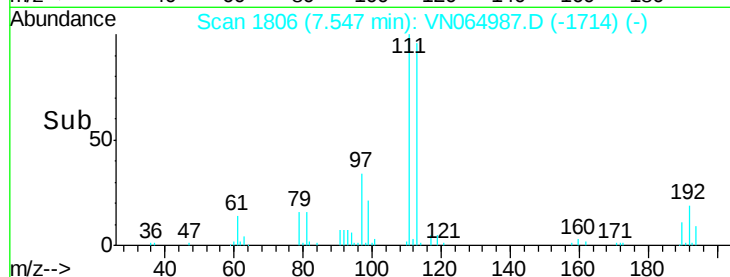
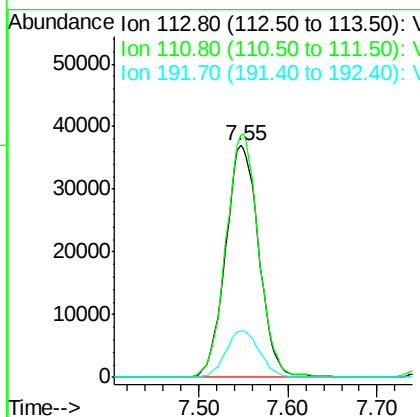
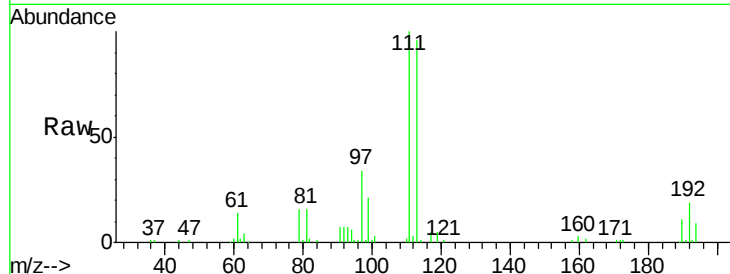
#35
 Dibromofluoromethane
 Concen: 52.106 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.6	122.4
192	20.3	16.2	24.2

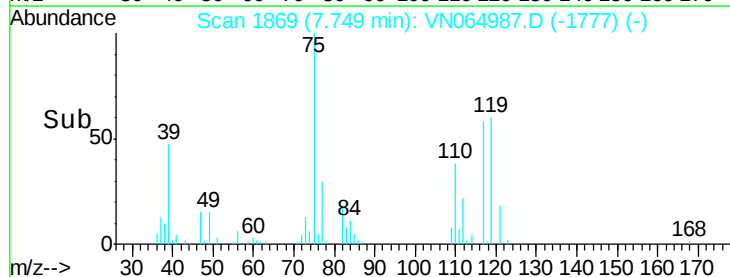
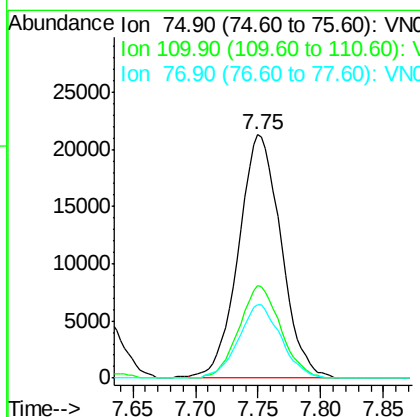
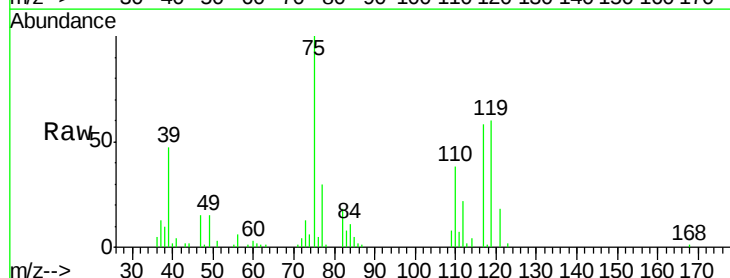
Manual Integrations
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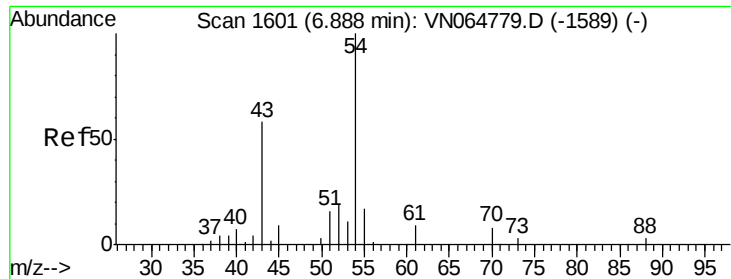
MMDadoda
 12/10/2020 9:55:54 AM



#36
 1,1-Dichloropropene
 Concen: 17.631 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	17.8	53.3
77	30.0	25.0	37.4





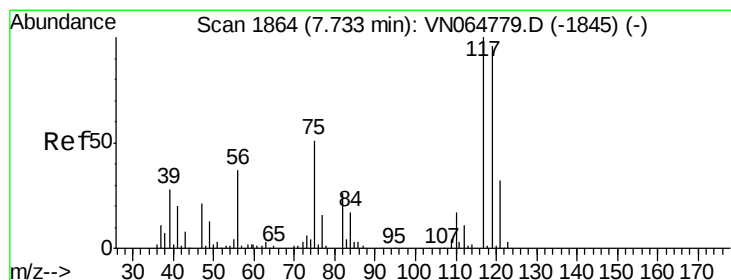
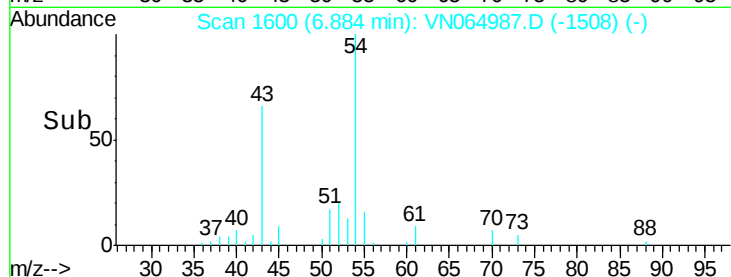
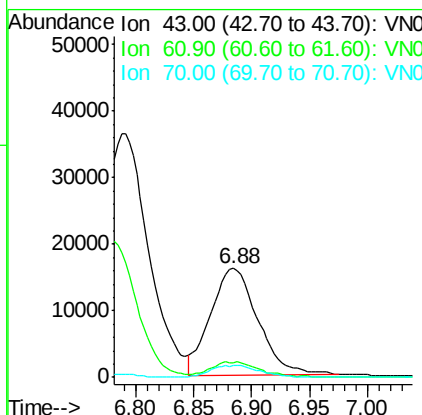
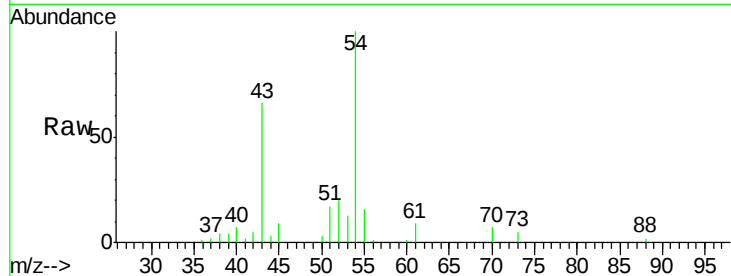
#37
Ethyl Acetate
Concen: 16.640 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion	43	61	70
Ion	43	61	70
Ratio	100	4.3	11.4
Lower		12.8	8.8
Upper		19.2	13.2

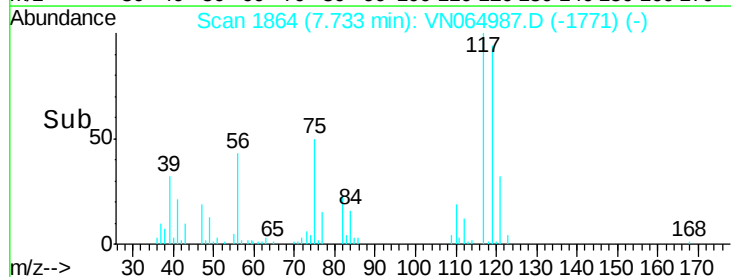
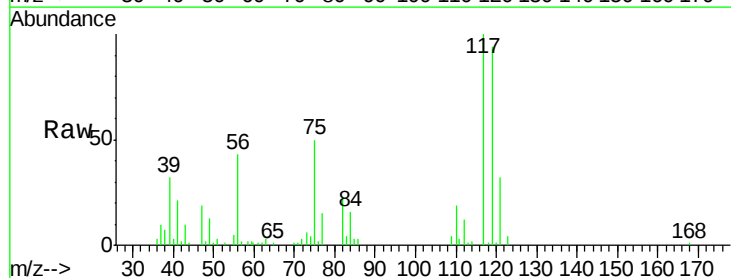
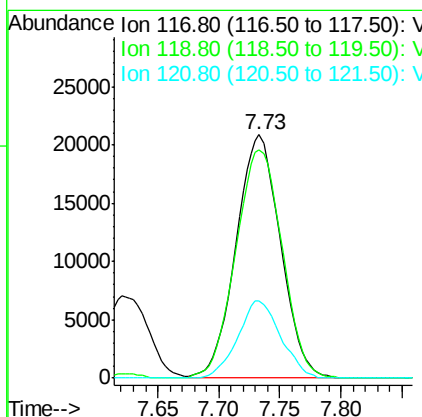
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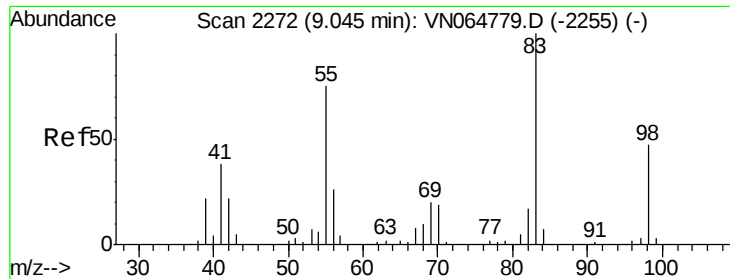
MMDadoda
12/10/2020 9:55:54 AM



#38
Carbon Tetrachloride
Concen: 17.770 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion	117	119	121
Ion	117	119	121
Ratio	100	93.9	31.8
Lower		76.7	25.4
Upper		115.1	38.2





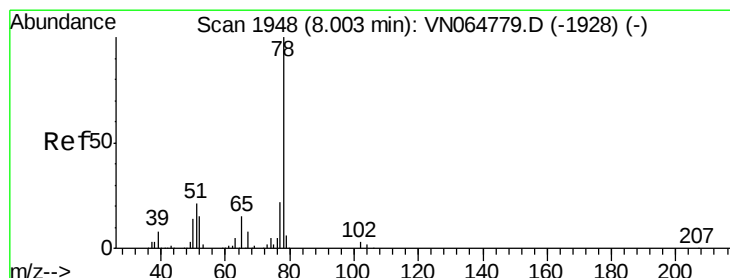
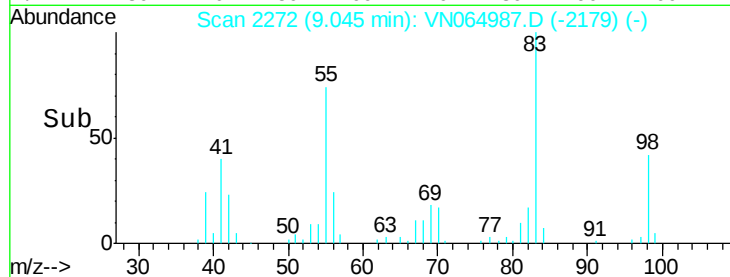
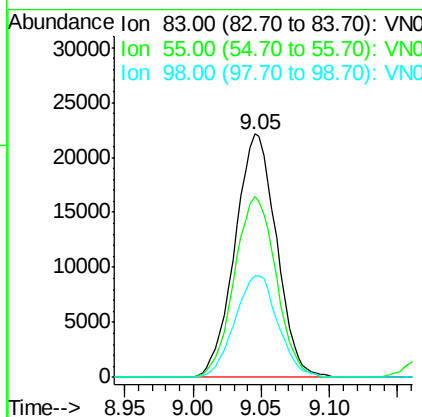
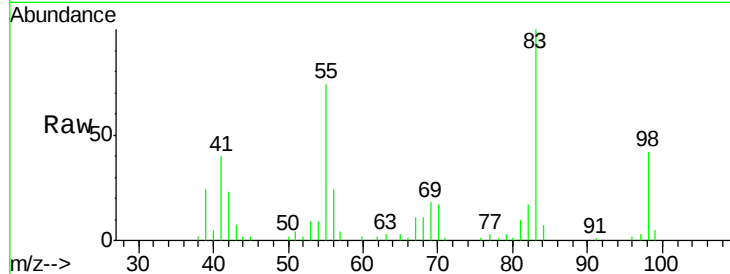
#39
Methvlcvclohexane
Concen: 15.292 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.5	60.2	90.2
98	41.6	37.4	56.2

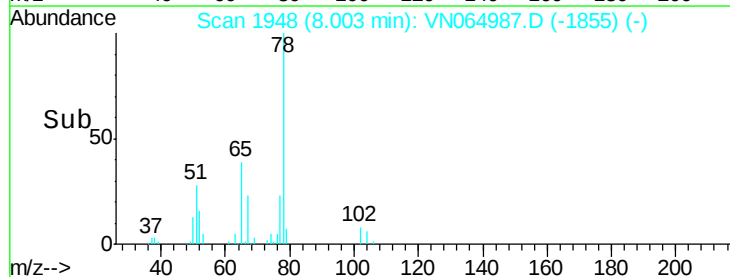
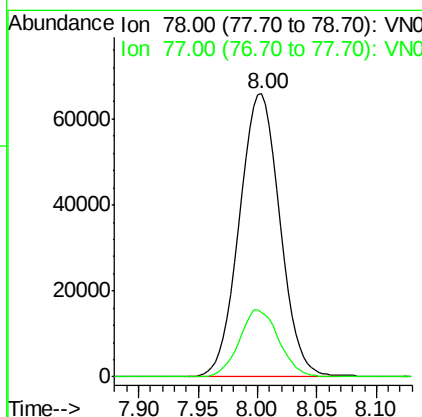
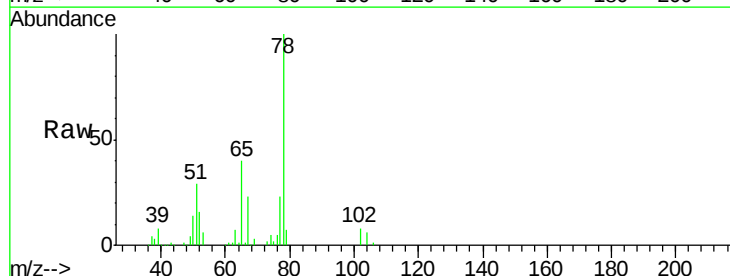
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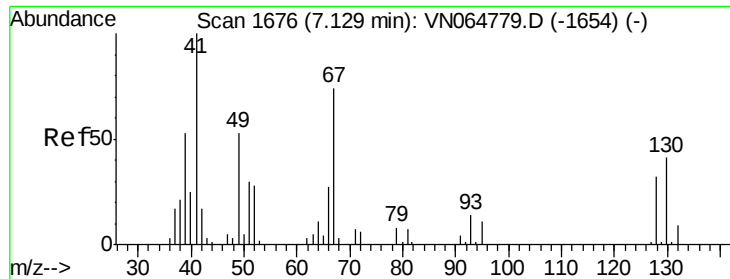
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#40
Benzene
Concen: 17.888 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	17.9	26.9





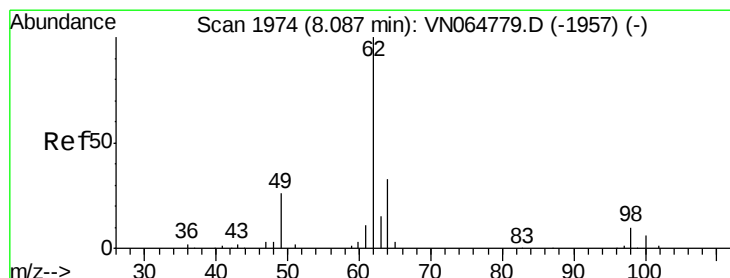
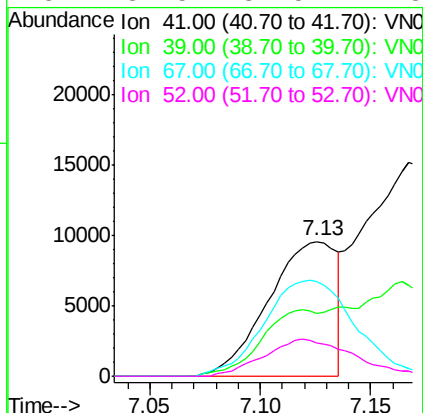
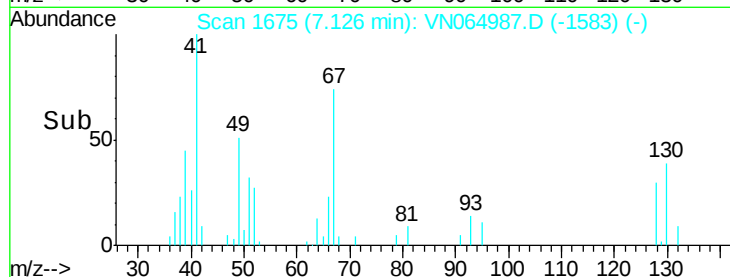
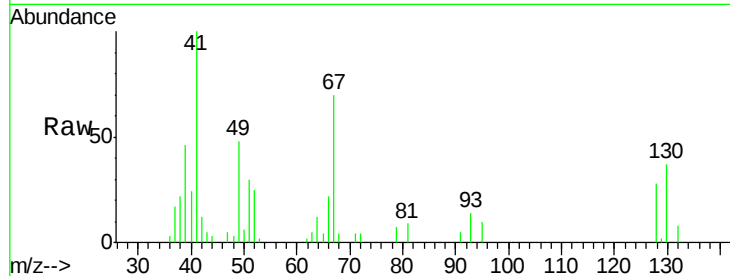
#41
Methacrylonitrile
Concen: 16.164 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion	41	Resp	20455
Ion Ratio	Lower	Upper	
41	100		
39	39.7	51.0	76.6#
67	96.4	79.8	119.8
52	37.5	31.5	47.3

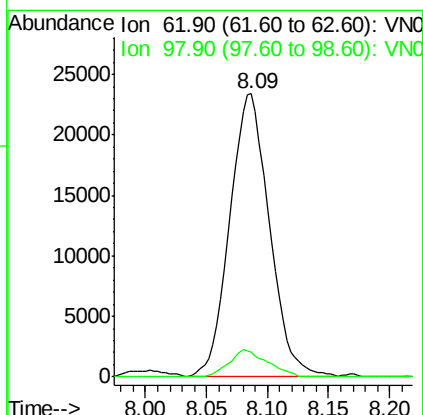
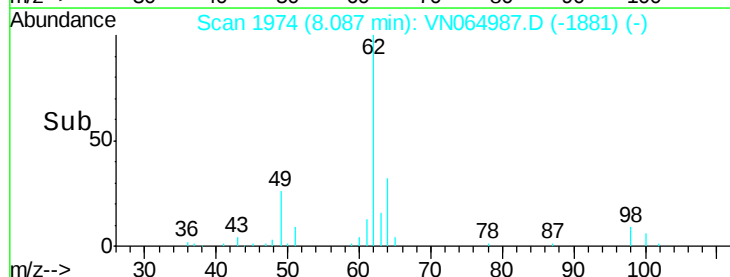
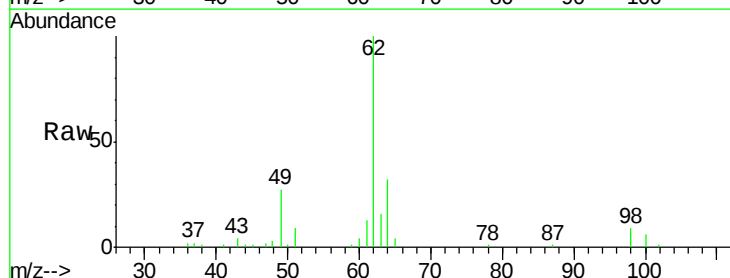
Manual Integrations
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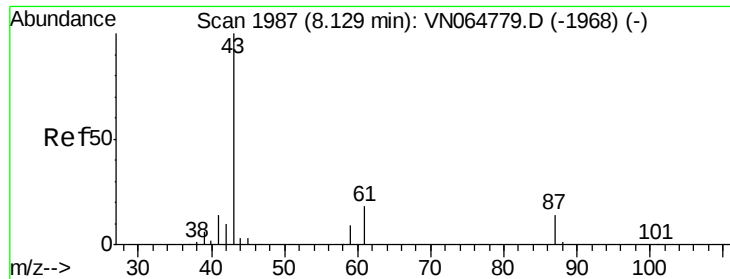
MMDadoda
12/10/2020 9:55:54 AM



#42
1,2-Dichloroethane
Concen: 17.949 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion	62	Resp	52828
Ion Ratio	Lower	Upper	
62	100		
98	9.2	0.0	19.6





#43

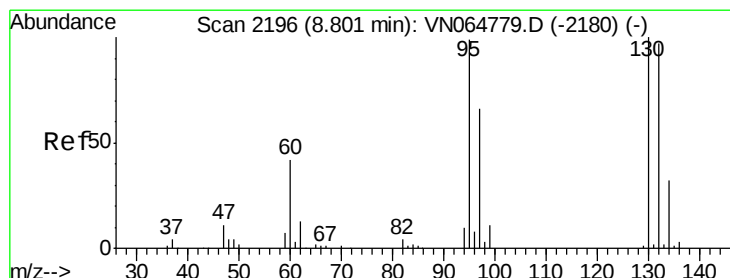
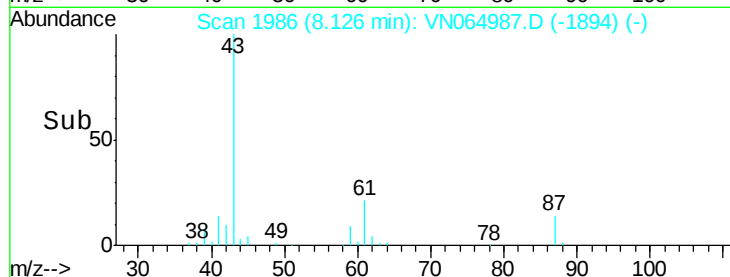
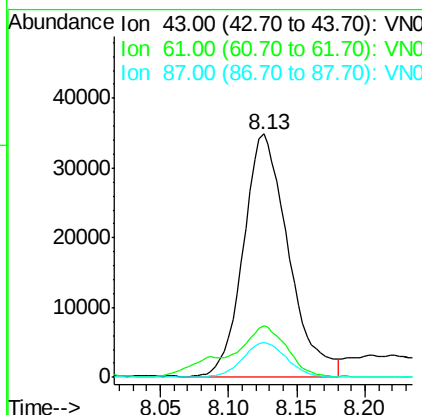
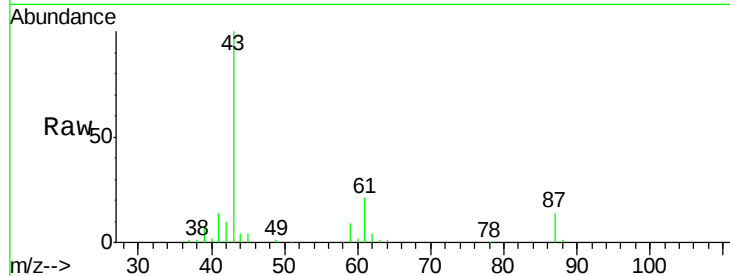
Isopropyl Acetate
 Concen: 18.196 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Tot Ion	43	61	87
Resp	80301		
Ratio	100	20.3	13.7
Lower		17.2	11.4
Upper		25.8	17.0

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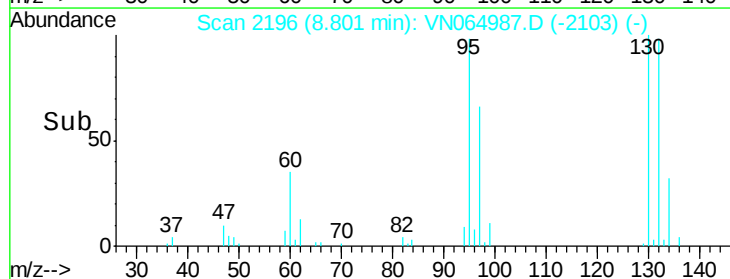
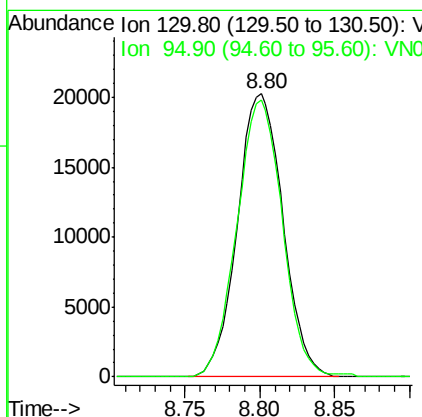
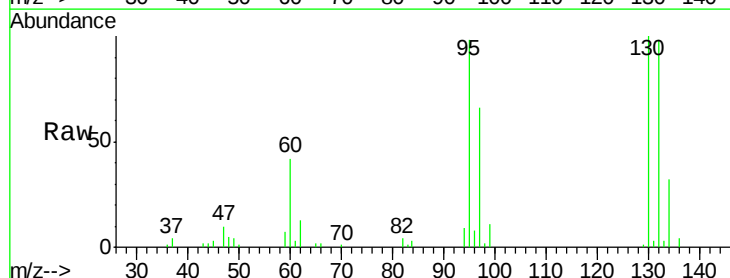
MMDadoda
 12/10/2020 9:55:54 AM

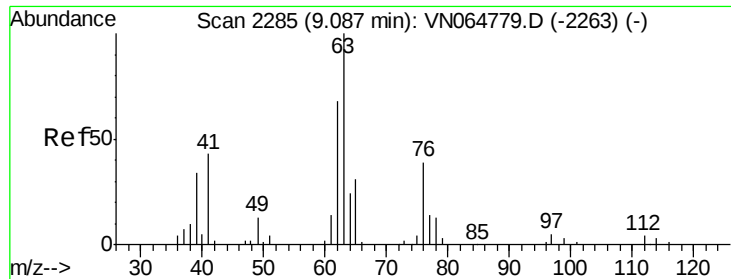


#44

Trichloroethene
 Concen: 16.653 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Tgt Ion	130	95
Resp	42868	
Ratio	100	97.8
Lower		0.0
Upper		197.8





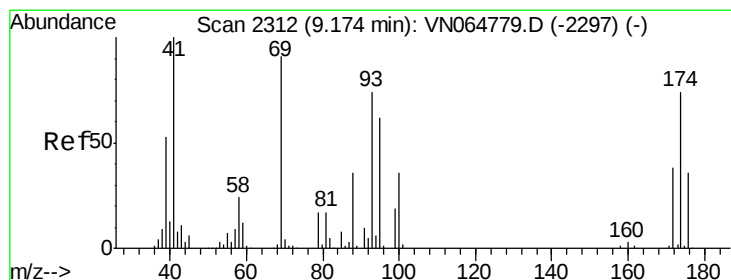
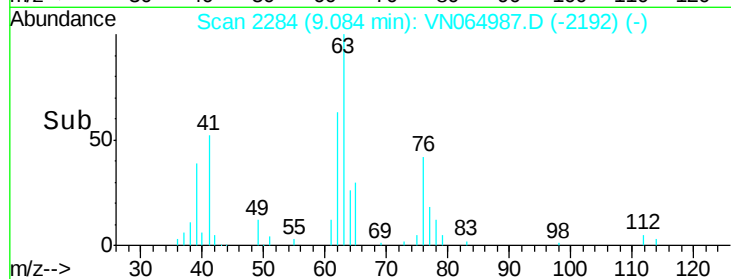
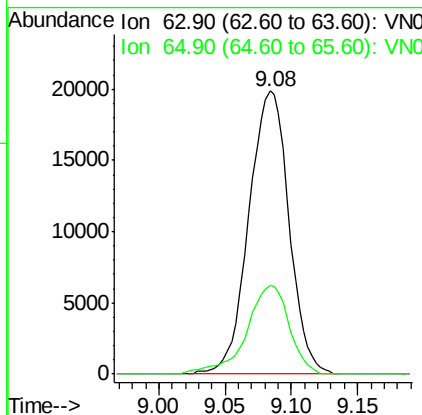
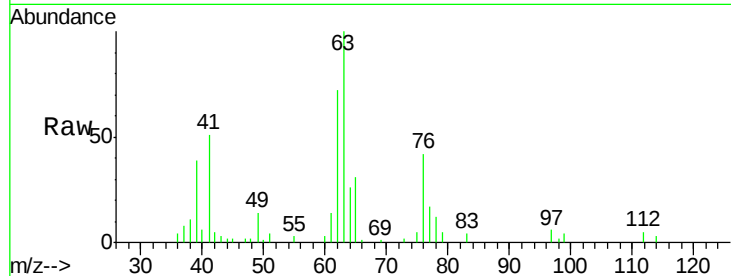
#45
 1,2-Dichloropropane
 Concen: 18.503 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Tot Ion: 63 Resp: 41805
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.4

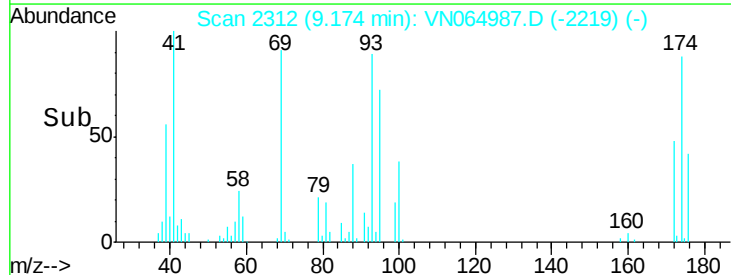
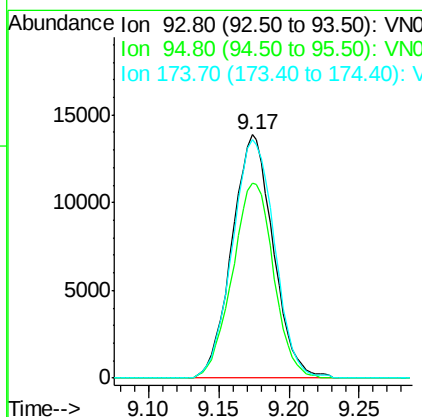
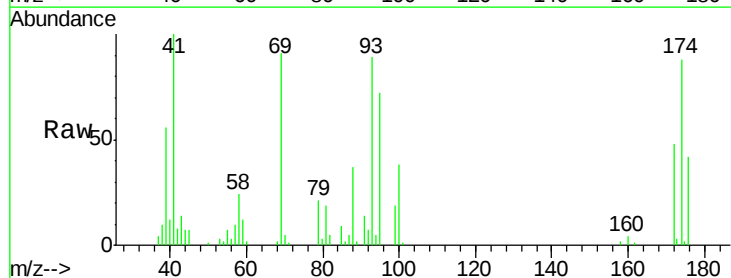
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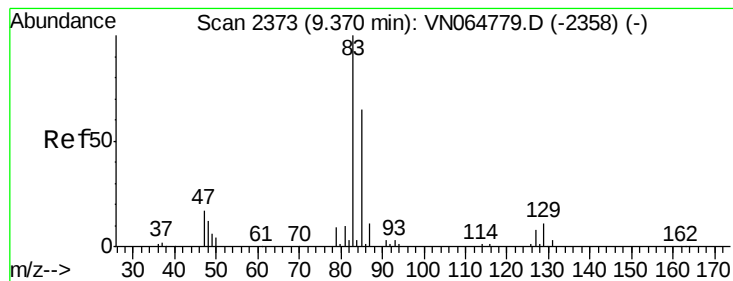
MMDadoda
 12/10/2020 9:55:54 AM



#46
 Dibromomethane
 Concen: 18.766 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Tgt Ion: 93 Resp: 28326
 Ion Ratio Lower Upper
 93 100
 95 80.1 68.8 103.2
 174 100.7 83.1 124.7





#47

Bromodichloromethane

Concen: 18.255 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

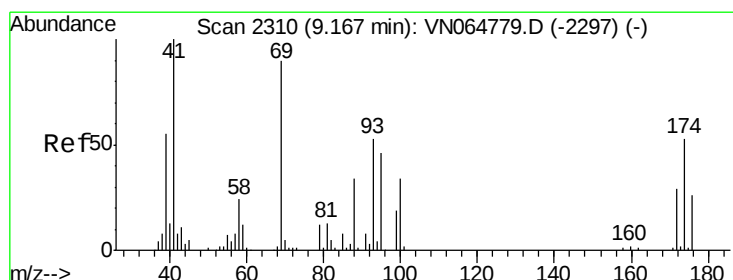
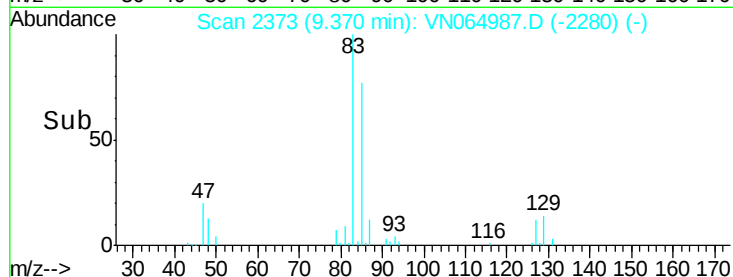
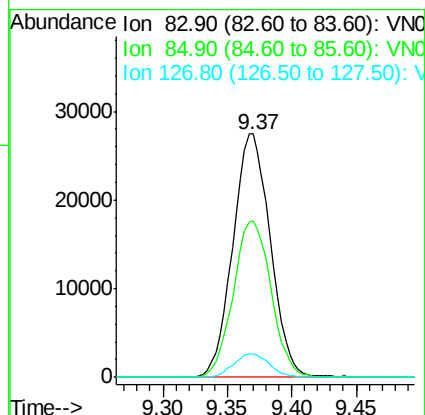
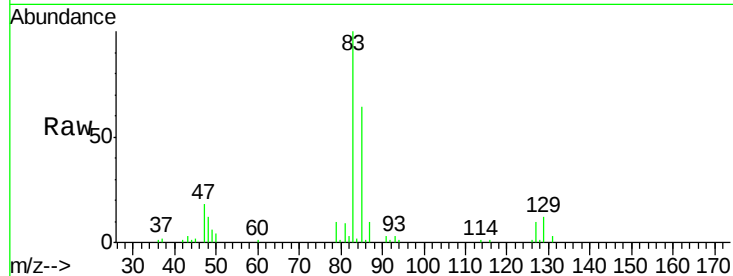
ClientSampleId :

VN1208WBS02

Tot Ion:	83	Resp:	55445
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.8
127	9.7	6.8	10.2

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#48

Methyl methacrylate

Concen: 17.672 ug/l

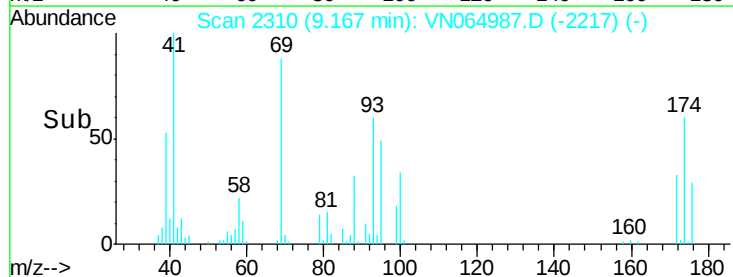
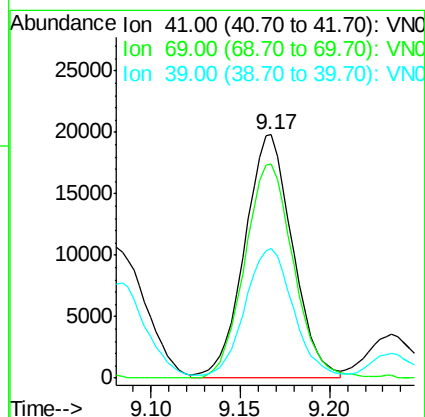
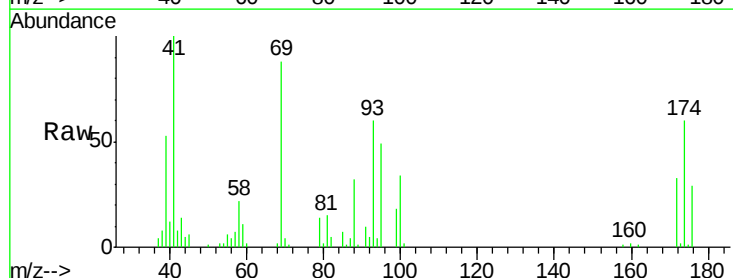
RT: 9.17 min Scan# 2310

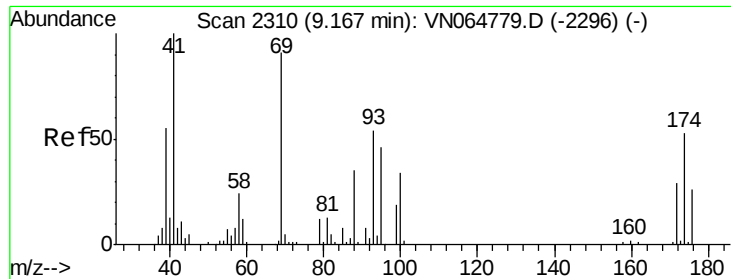
Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Tgt Ion:	41	Resp:	37267
Ion	Ratio	Lower	Upper
41	100		
69	89.1	71.8	107.8
39	54.0	44.1	66.1





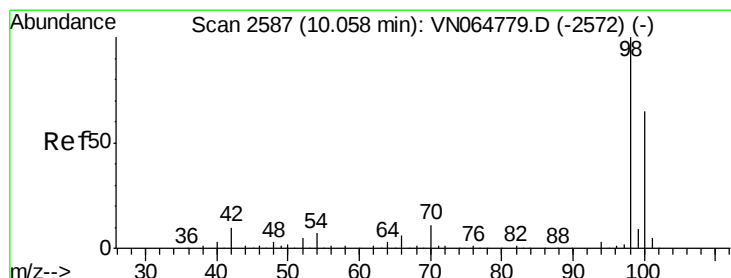
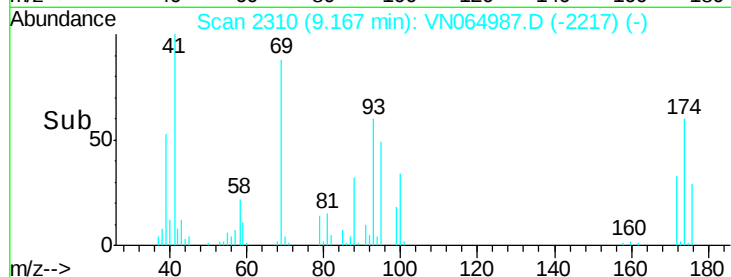
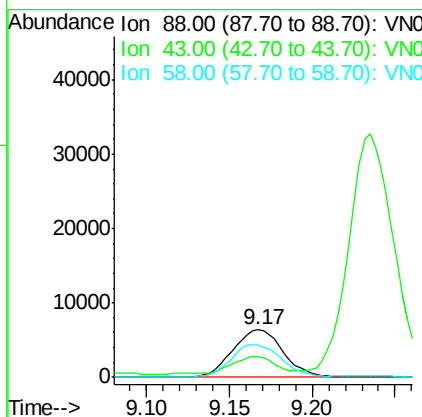
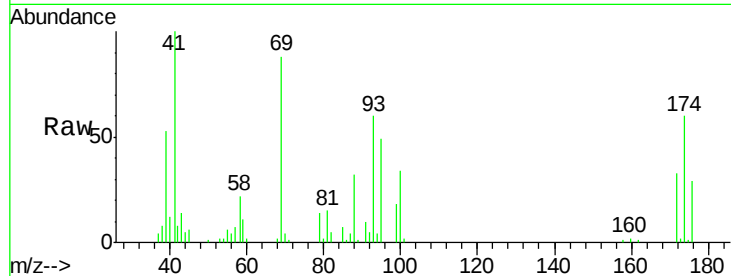
#49
1,4-Dioxane
Concen: 337.137 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion	88	Resp	13437
Ion	Ratio	Lower	Upper
88	100		
43	33.9	24.2	36.4
58	69.4	52.5	78.7

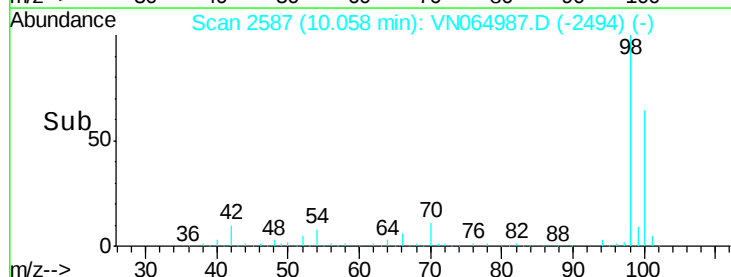
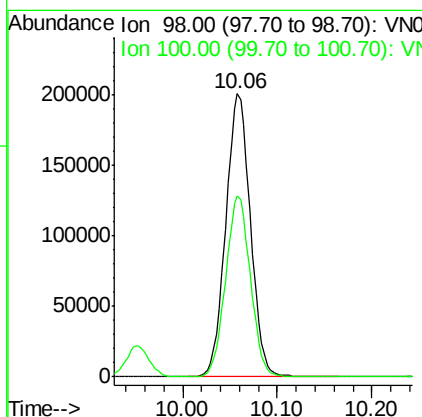
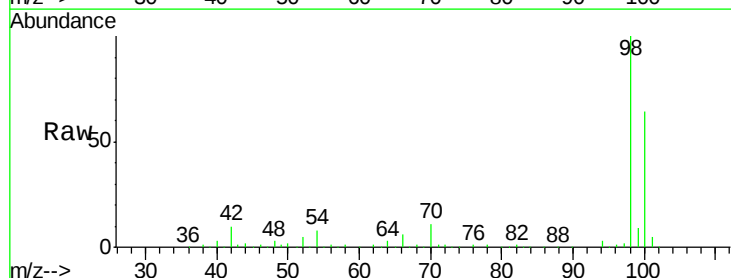
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#50
Toluene-d8
Concen: 48.402 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion	98	Resp	363501
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 88.564 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

Tot Ion: 43 Resp: 234644

Ion Ratio Lower Upper

43 100

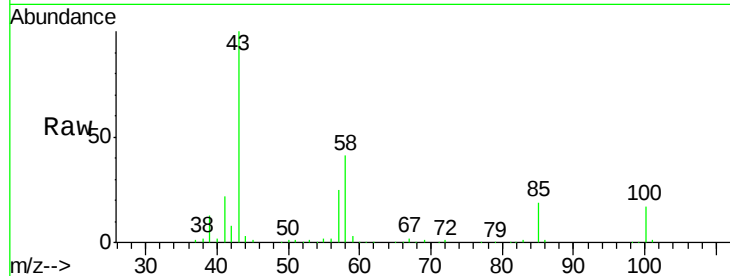
58 39.7 32.4 48.6

Manual Integrations

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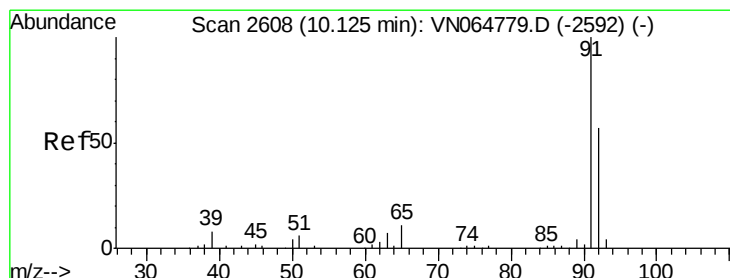
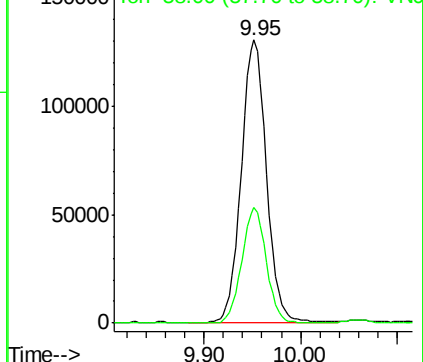
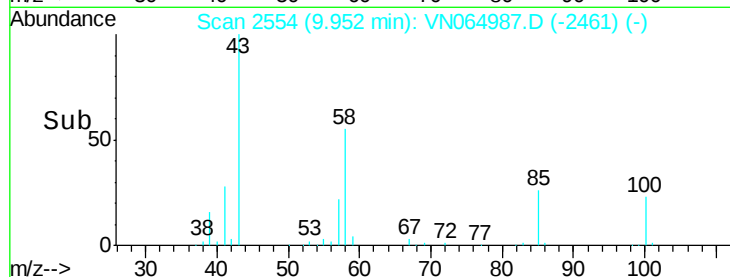
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Abundance Ion 43.00 (42.70 to 43.70): VN064987.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN064987.D (-2461) (-)



#52

Toluene

Concen: 18.555 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064987.D

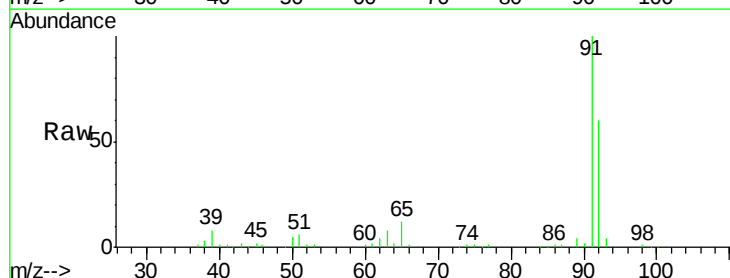
Acq: 8 Dec 2020 23:26

Tgt Ion: 92 Resp: 99697

Ion Ratio Lower Upper

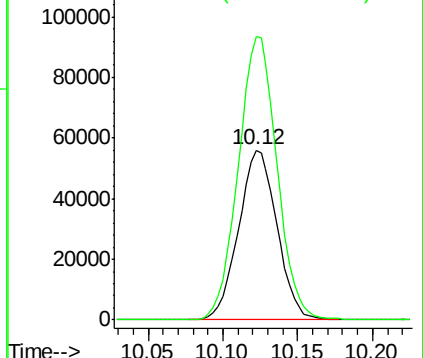
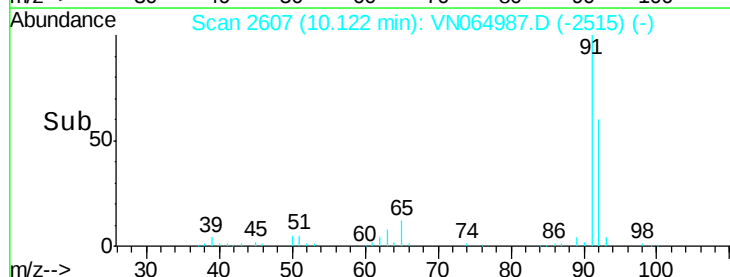
92 100

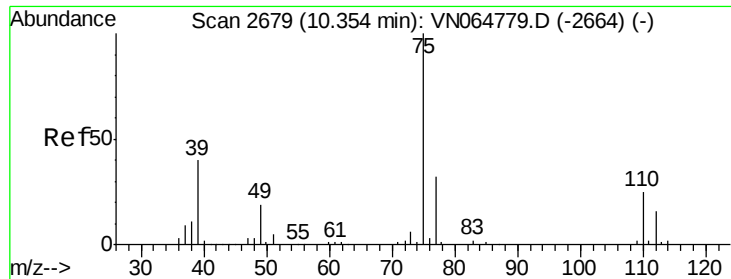
91 169.1 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064987.D (-2515) (-)

Ion 91.00 (90.70 to 91.70): VN064987.D (-2515) (-)





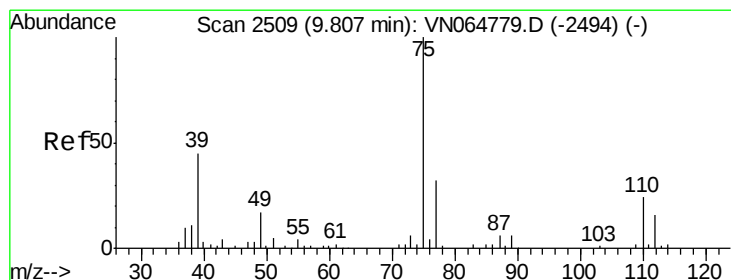
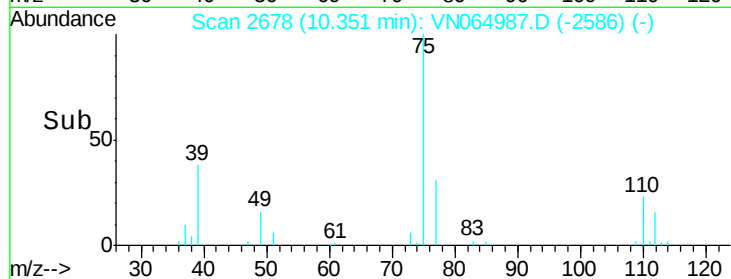
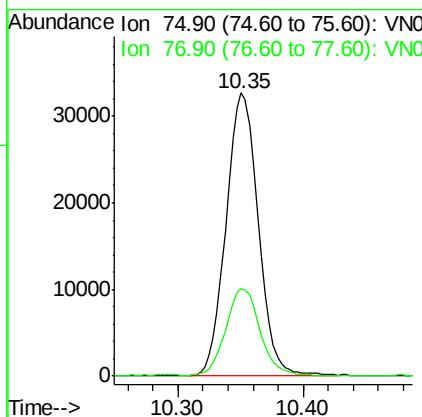
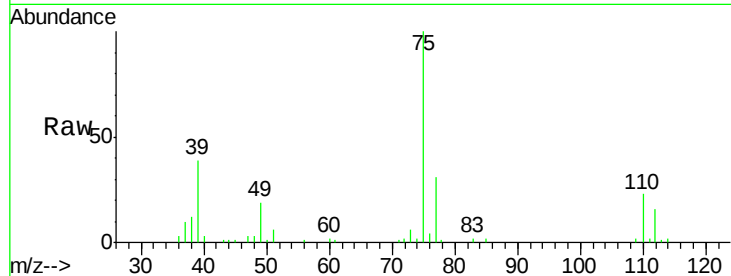
#53
t-1,3-Dichloropropene
Concen: 17.294 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion: 75 Resp: 58501
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.6

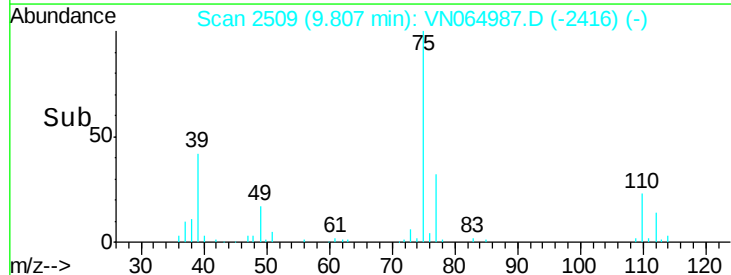
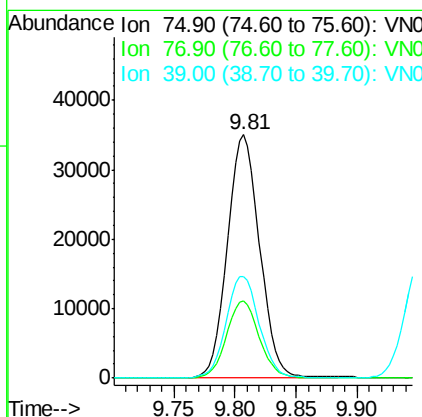
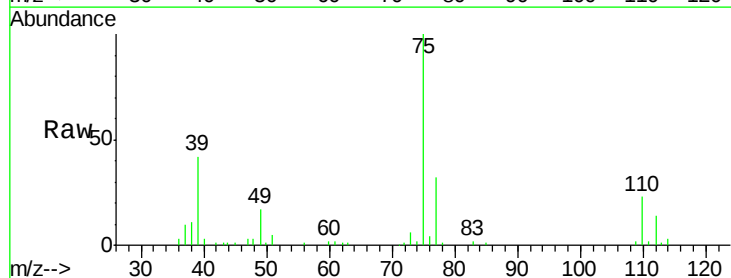
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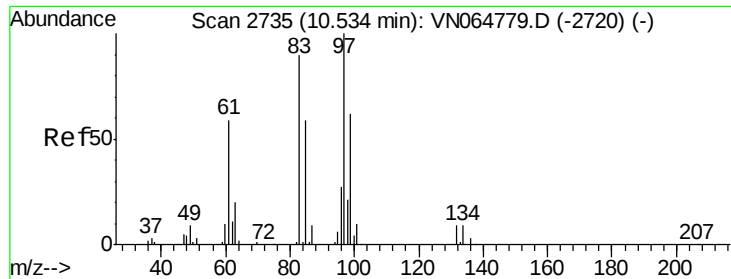
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#54
cis-1,3-Dichloropropene
Concen: 17.882 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion: 75 Resp: 64838
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3
39 41.8 35.6 53.4





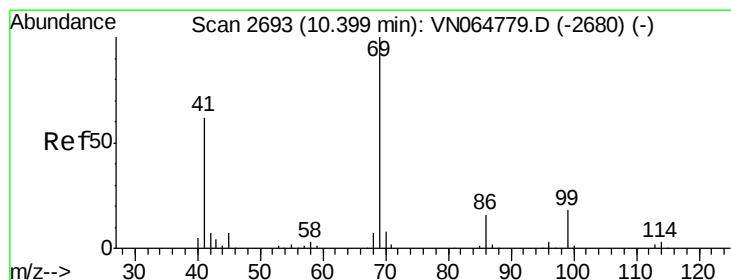
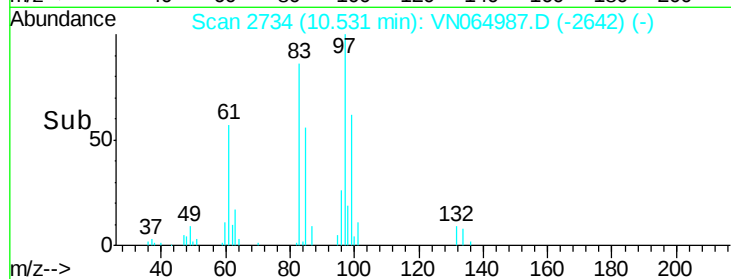
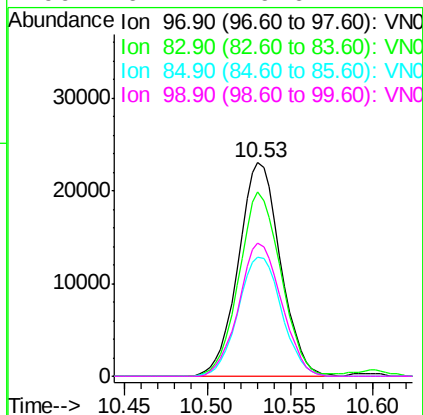
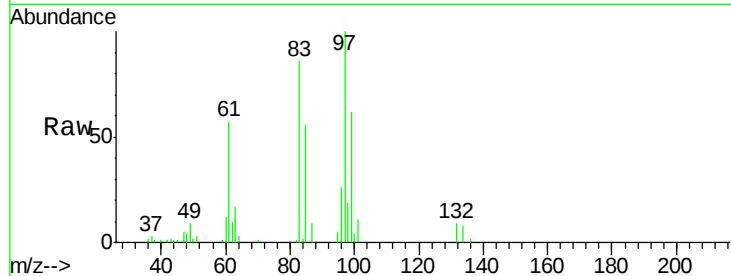
#55
 1,1,2-Trichloroethane
 Concen: 18.390 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.3	72.1	108.1
85	55.7	46.8	70.2
99	62.1	49.6	74.4

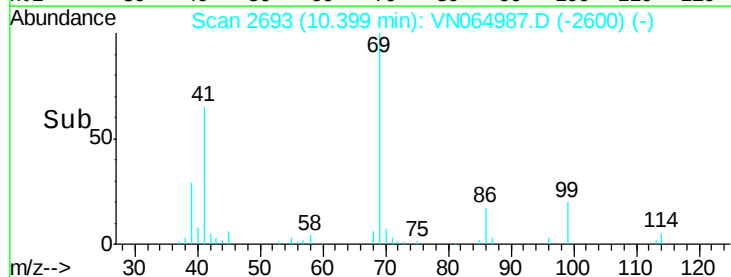
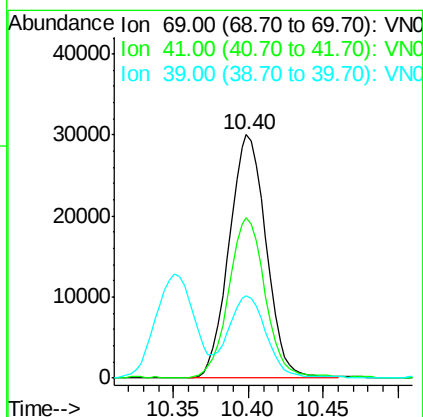
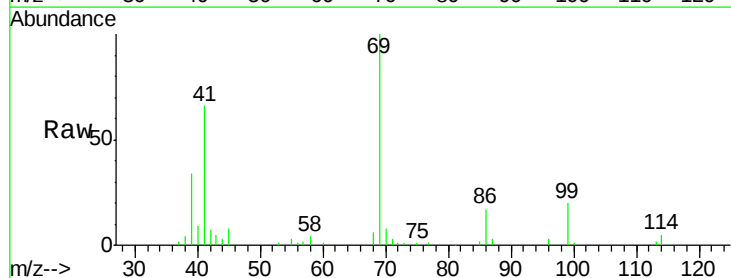
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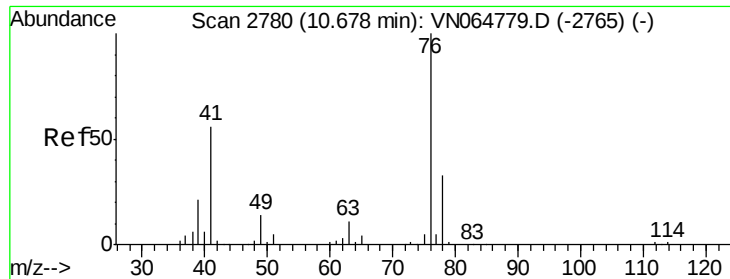
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#56
 Ethyl methacrylate
 Concen: 16.987 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.5	49.4	74.0
39	33.4	25.9	38.9





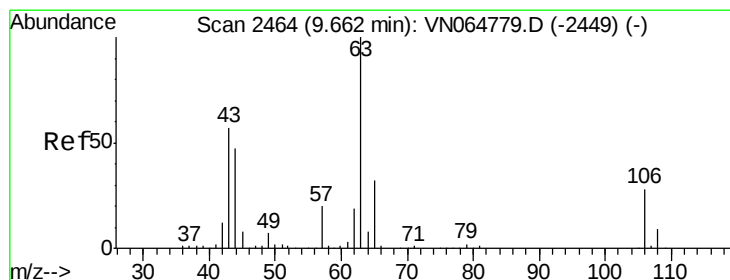
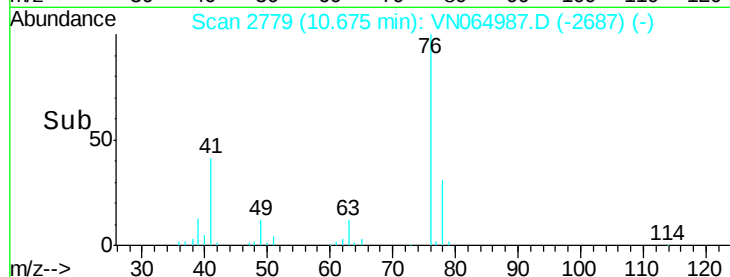
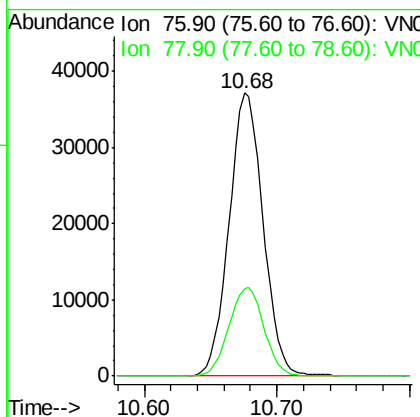
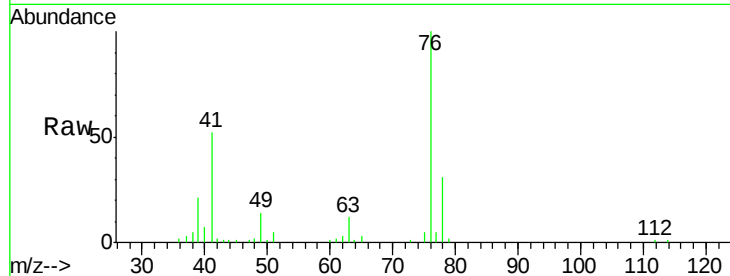
#57
 1,3-Dichloropropane
 Concen: 18.193 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Tot Ion: 76 Resp: 66309
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1

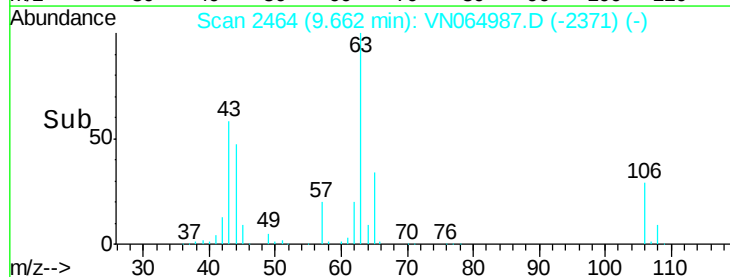
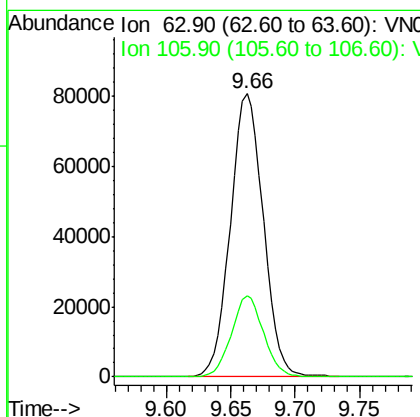
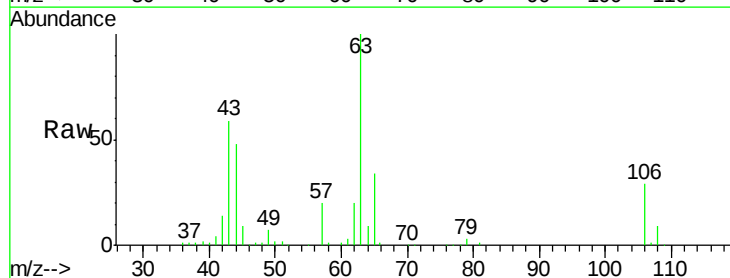
Manual Integrations
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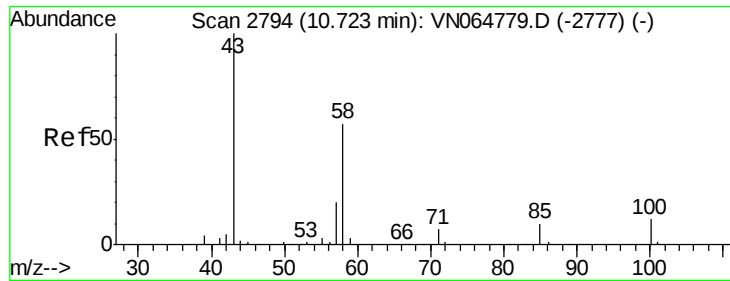
MMDadoda
 12/10/2020 9:55:54 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 85.448 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Tgt Ion: 63 Resp: 143309
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.7 34.1





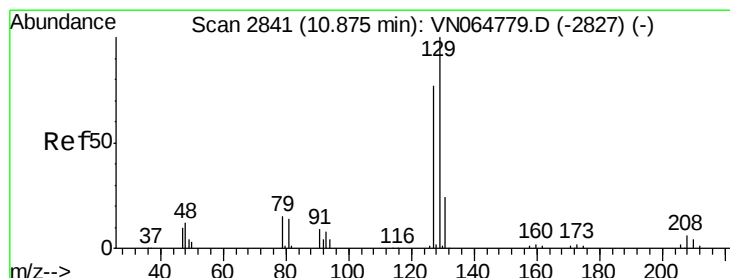
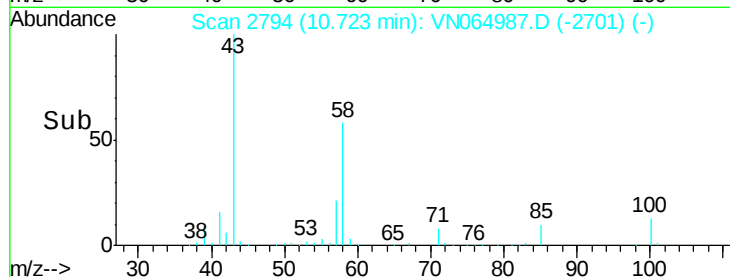
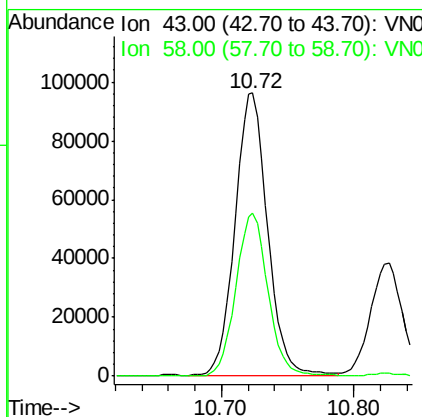
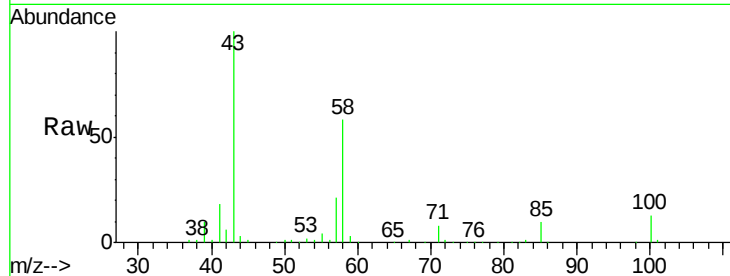
#59
2-Hexanone
Concen: 85.182 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion: 43 Resp: 162422
Ion Ratio Lower Upper
43 100
58 57.6 28.3 84.9

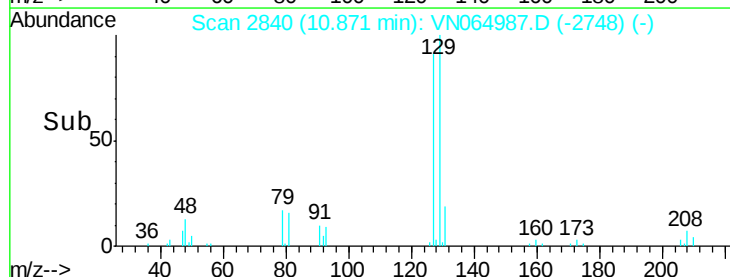
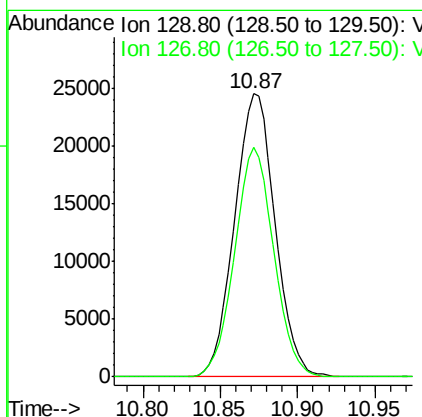
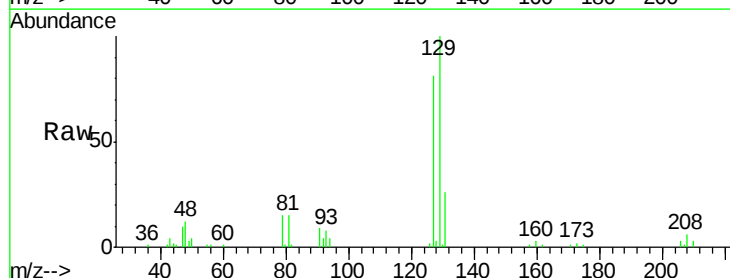
Manual Integrations
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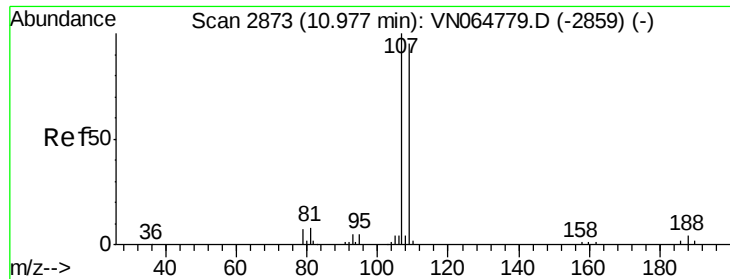
MMDadoda
12/10/2020 9:55:54 AM



#60
Dibromochloromethane
Concen: 18.202 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion: 129 Resp: 44704
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2





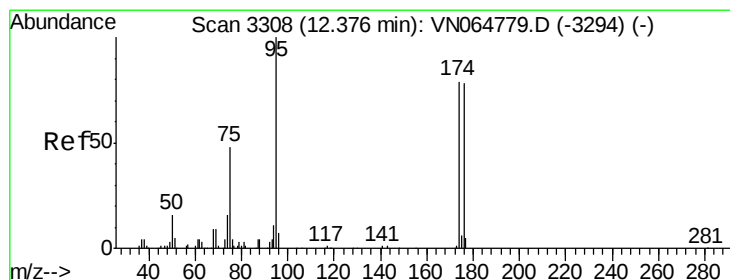
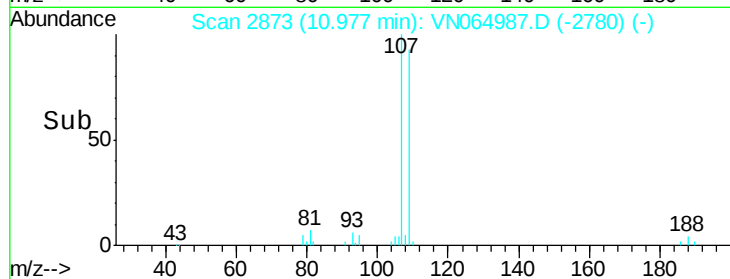
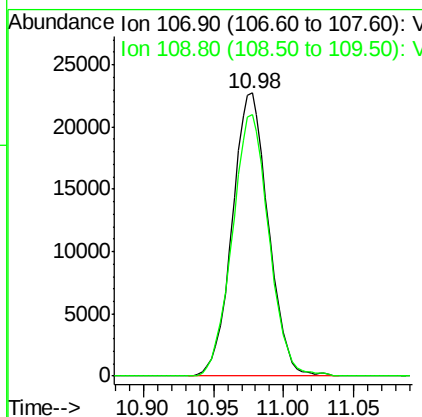
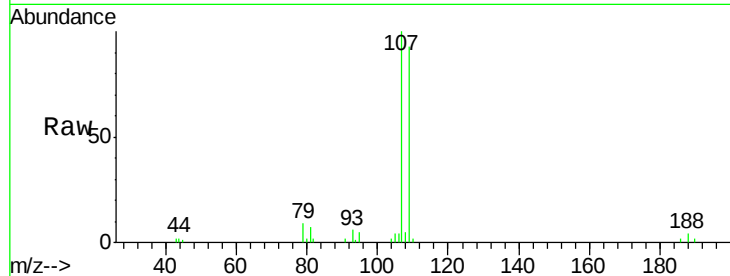
#61
 1,2-Dibromoethane
 Concen: 18.099 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	76.0	114.0

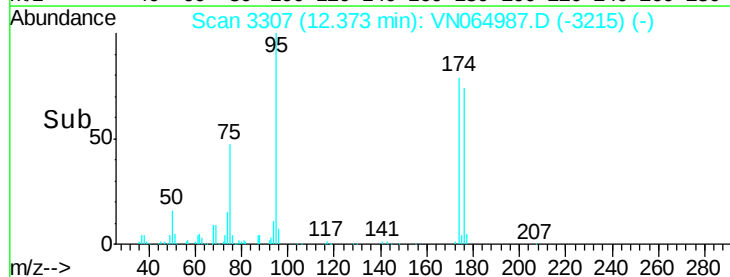
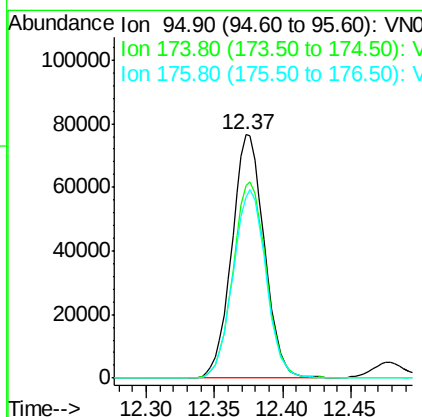
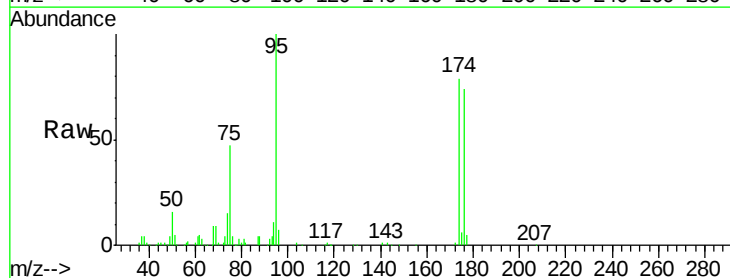
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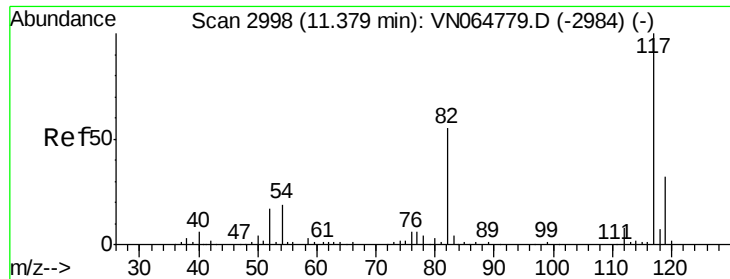
MMDadoda
 12/10/2020 9:55:54 AM



#62
 4-Bromofluorobenzene
 Concen: 47.051 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	160.4
176	78.5	0.0	158.4





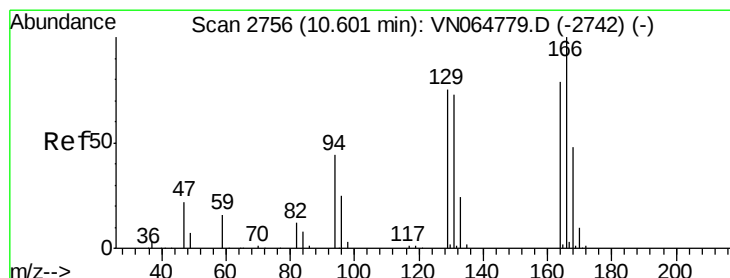
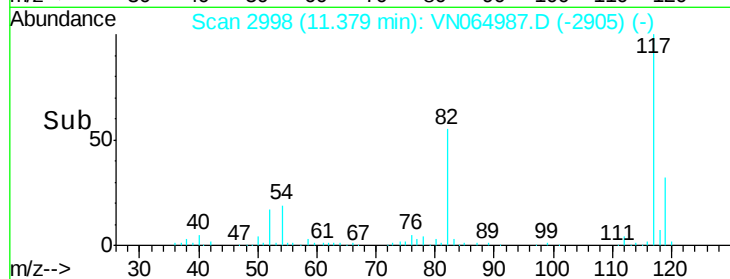
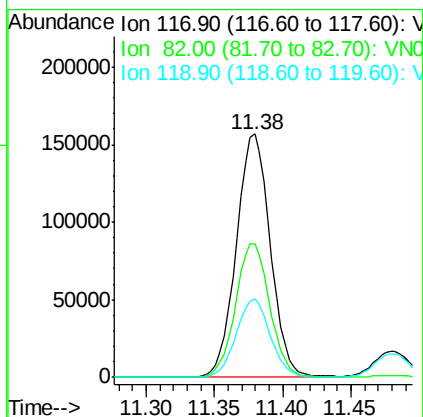
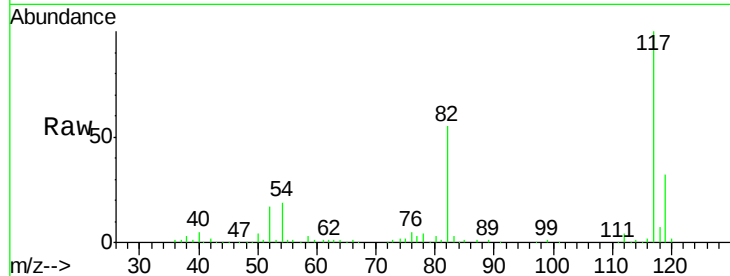
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.2	66.2
119	32.1	25.8	38.6

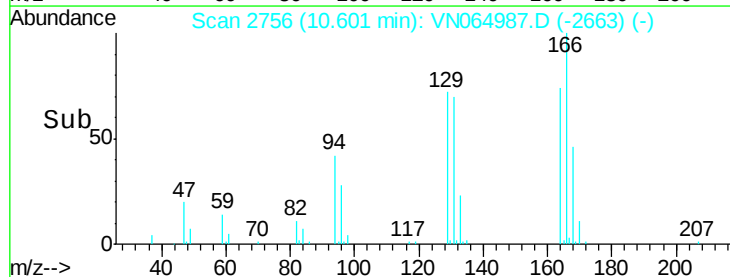
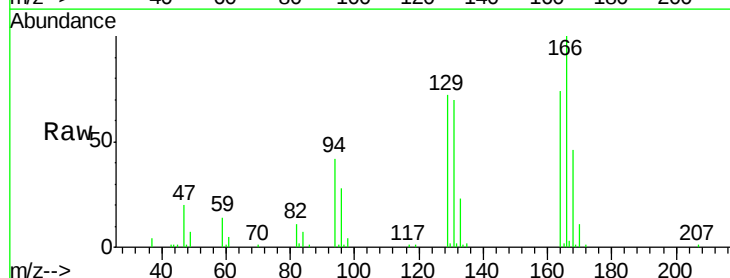
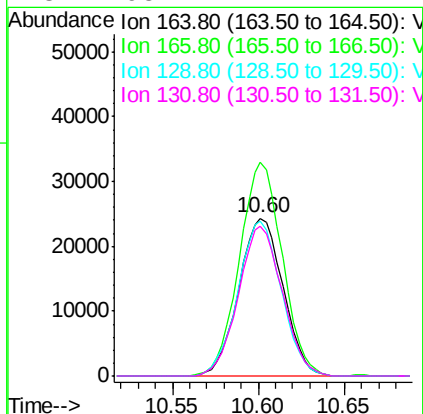
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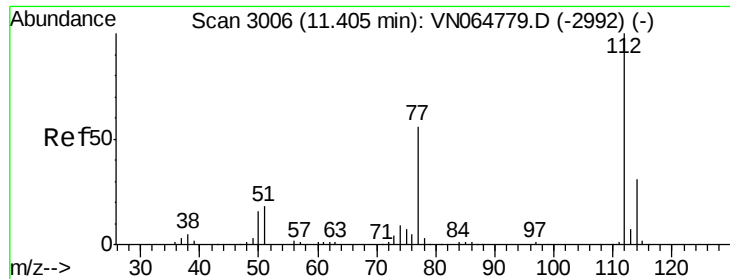
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12/10/2020 9:55:54 AM



#64
Tetrachloroethene
Concen: 16.464 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.6	101.4	152.0
129	98.3	76.1	114.1
131	95.4	74.2	111.2





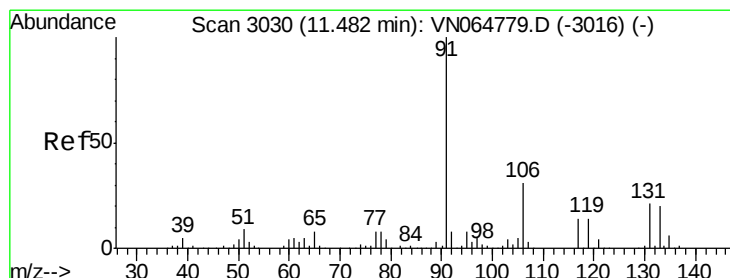
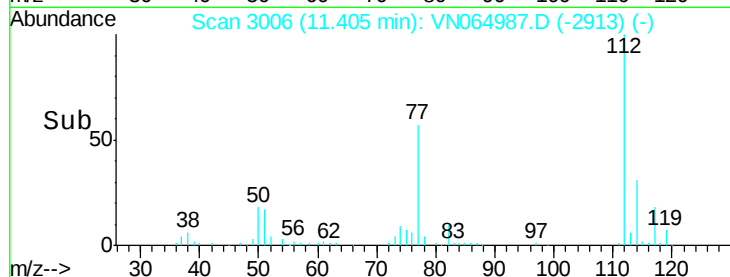
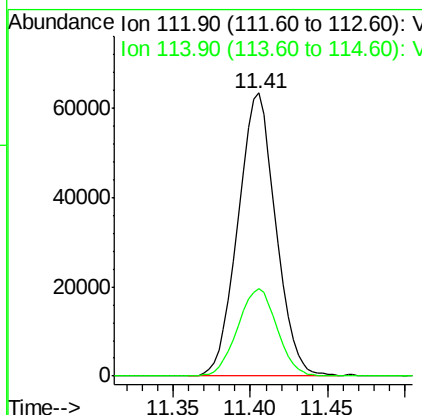
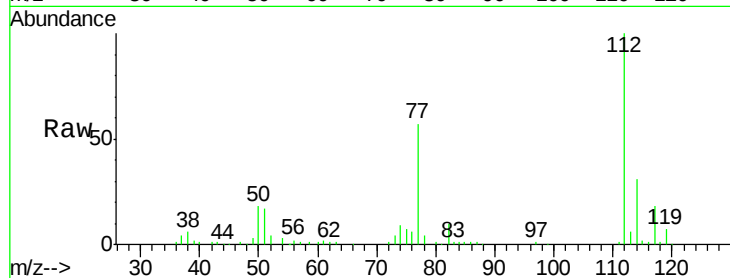
#65
Chlorobenzene
Concen: 18.540 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion:112 Resp: 107929
Ion Ratio Lower Upper
112 100
114 30.7 25.1 37.7

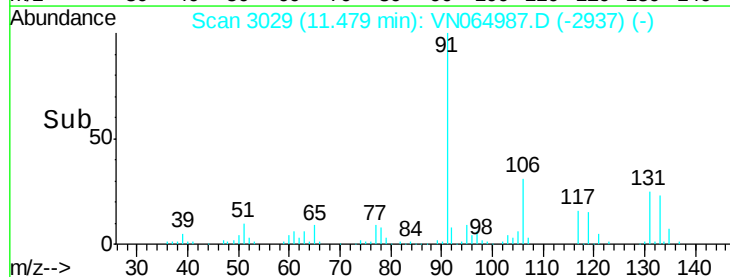
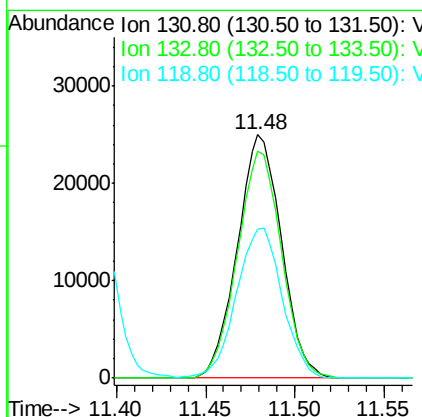
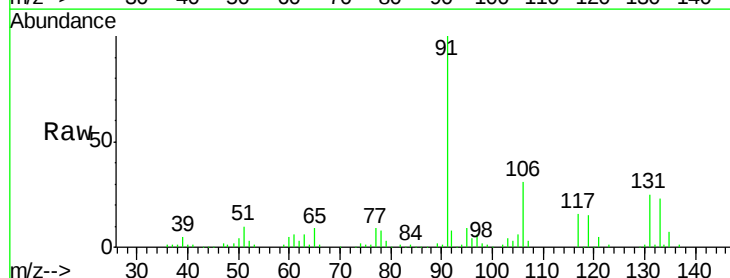
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.112 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion:131 Resp: 43029
Ion Ratio Lower Upper
131 100
133 93.5 47.5 142.5
119 63.9 33.3 99.8





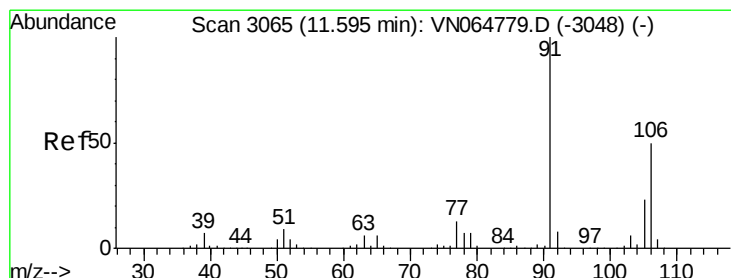
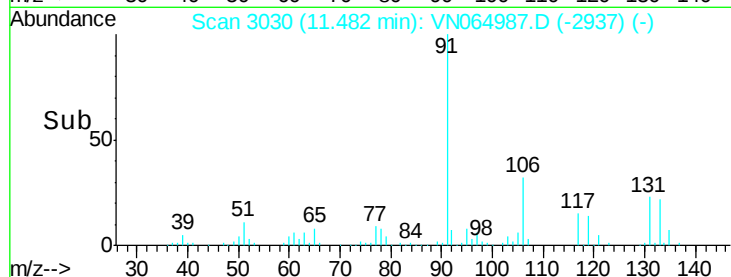
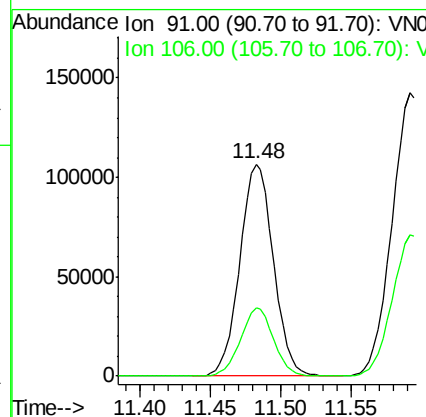
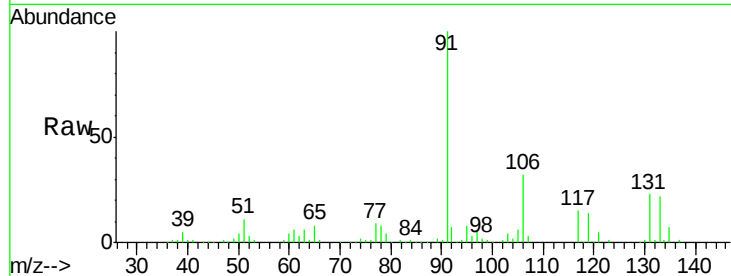
#67
Ethyl Benzene
Concen: 18.318 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion: 91 Resp: 178149
Ion Ratio Lower Upper
91 100
106 32.1 25.2 37.8

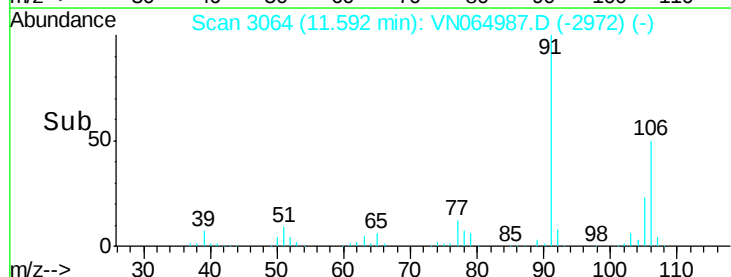
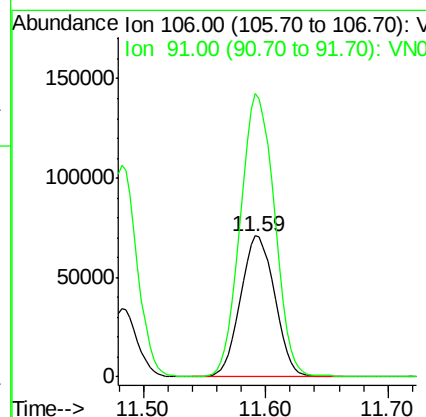
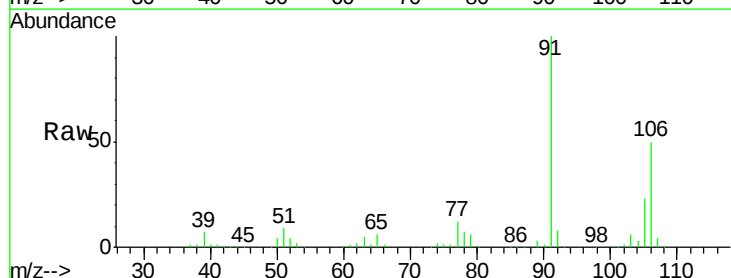
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12/10/2020 9:55:54 AM



#68
m/p-Xylenes
Concen: 37.491 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion: 106 Resp: 138043
Ion Ratio Lower Upper
106 100
91 199.8 161.0 241.4





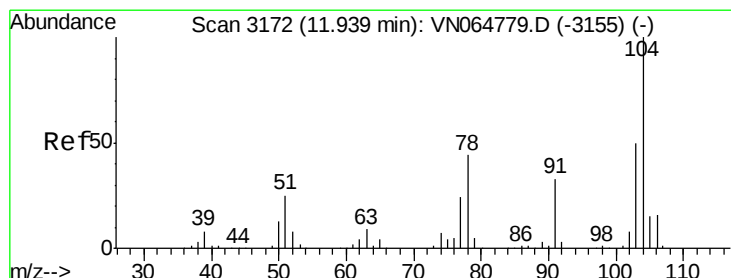
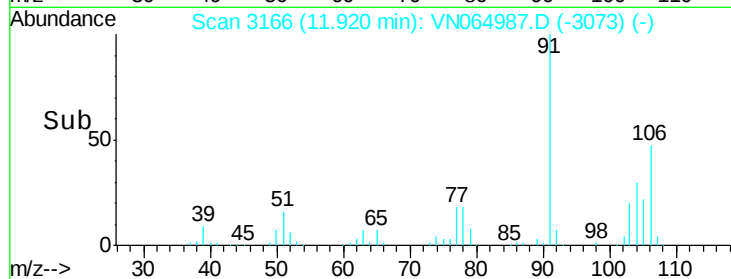
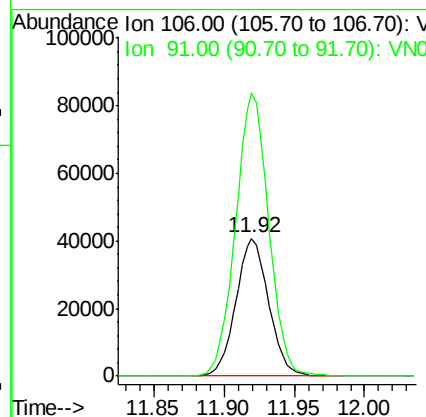
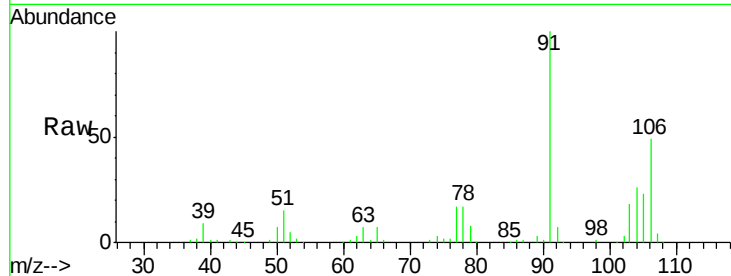
#69
o-Xylene
Concen: 18.945 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion:106 Resp: 66196
Ion Ratio Lower Upper
106 100
91 208.6 105.5 316.5

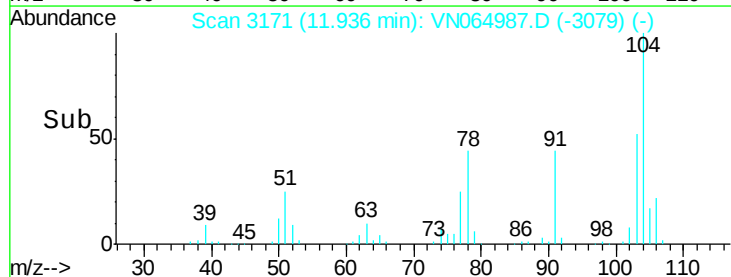
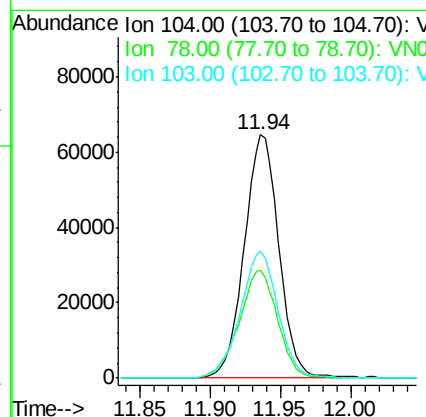
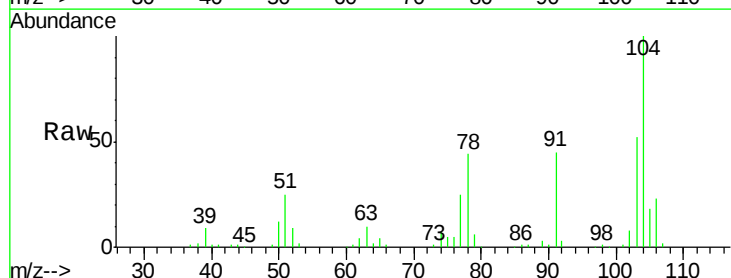
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12/10/2020 9:55:54 AM



#70
Styrene
Concen: 18.867 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion:104 Resp: 111288
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.6
103 56.5 44.3 66.5





#71

Bromoform

Concen: 18.478 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

Tot Ion:173 Resp: 31575

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

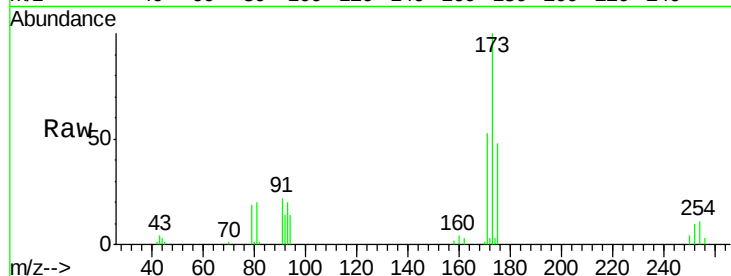
254 0.0 0.0 0.0

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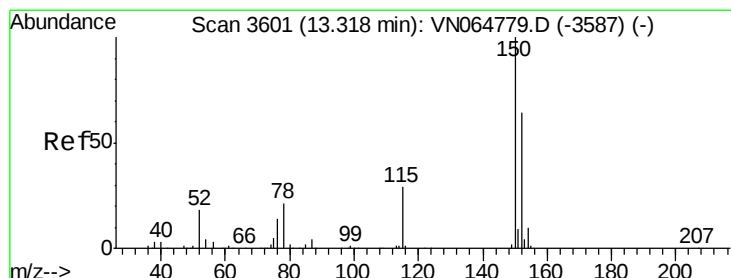
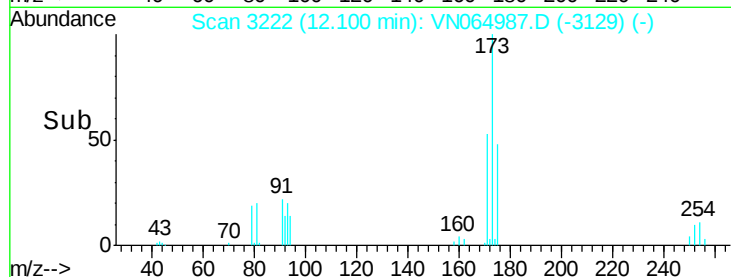
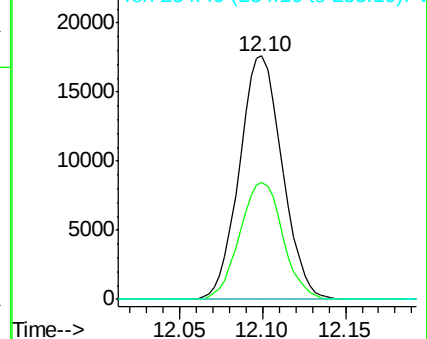
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

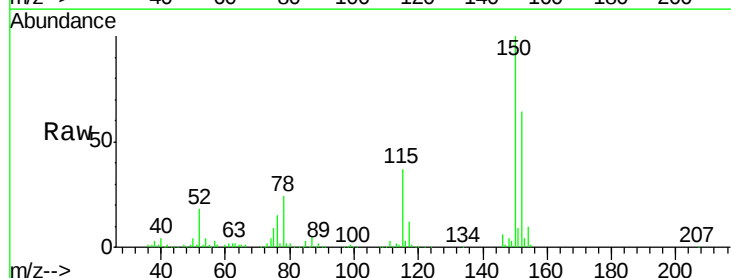
Tgt Ion:152 Resp: 132471

Ion Ratio Lower Upper

152 100

115 56.6 29.7 89.1

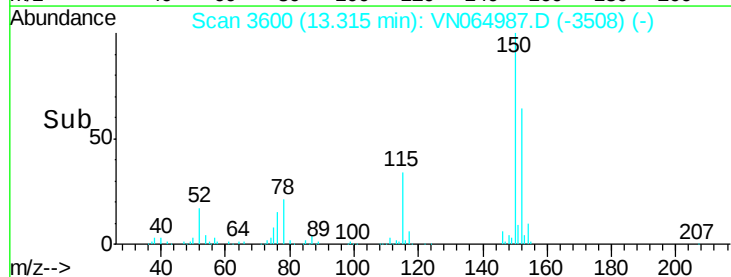
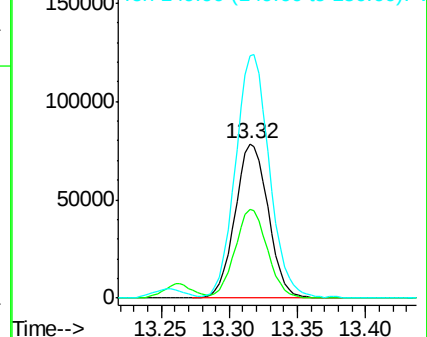
150 160.1 0.0 350.6

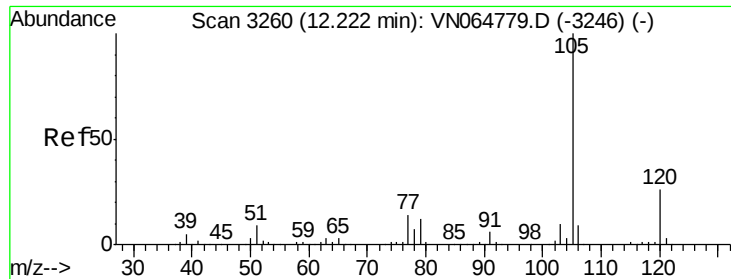


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.743 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

Tot Ion: 105 Resp: 172708

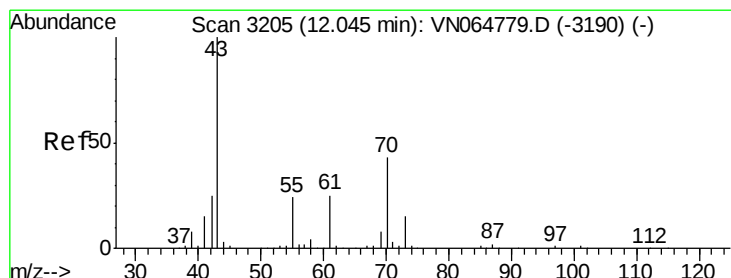
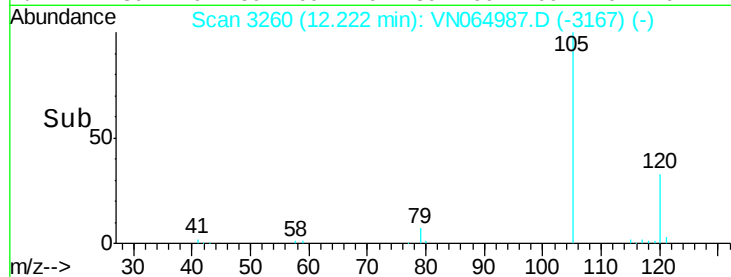
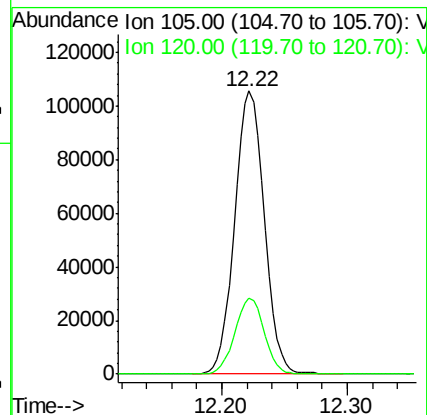
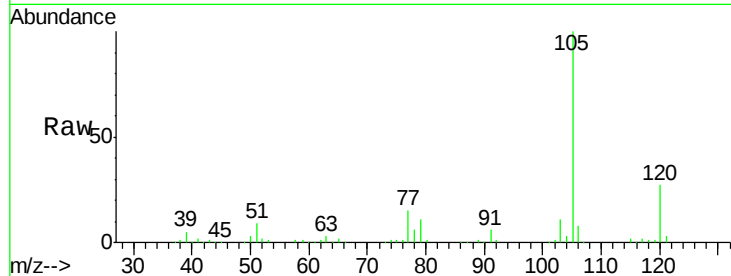
Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9

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#74

N-ethyl acetate

Concen: 17.439 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Tgt Ion: 43 Resp: 63236

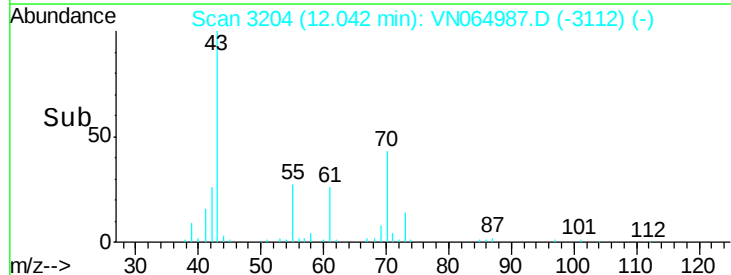
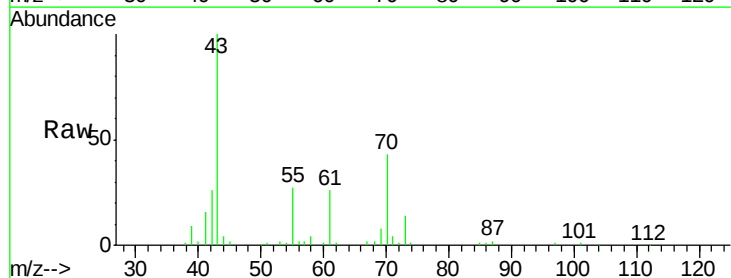
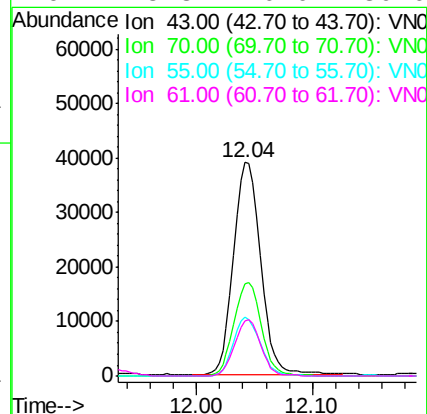
Ion Ratio Lower Upper

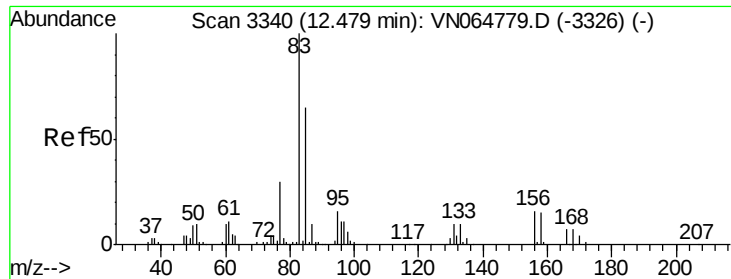
43 100

70 44.3 34.5 51.7

55 27.1 20.4 30.6

61 25.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.396 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

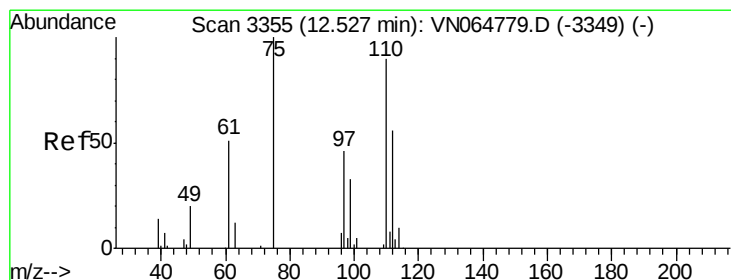
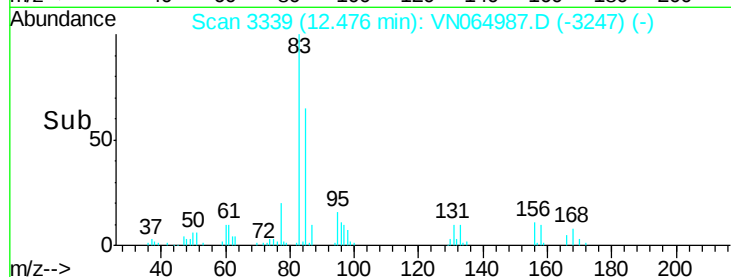
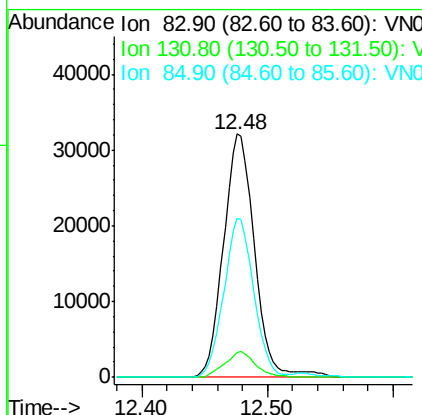
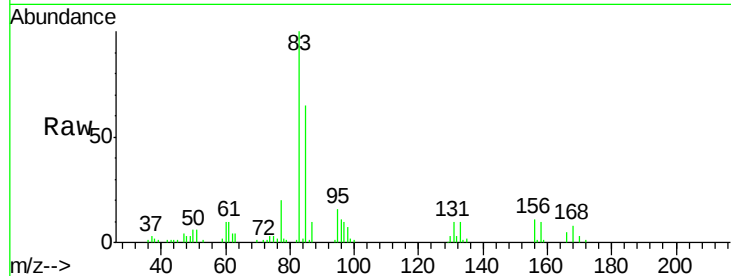
ClientSampleId :

VN1208WBS02

Tot Ion:	83	Resp:	55083
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	62.5	33.0	99.0

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#76

1,2,3-Trichloropropane

Concen: 18.340 ug/l m

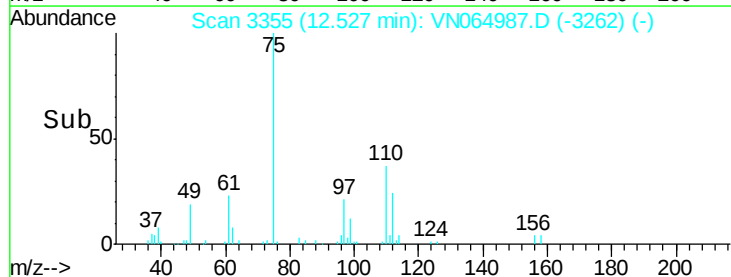
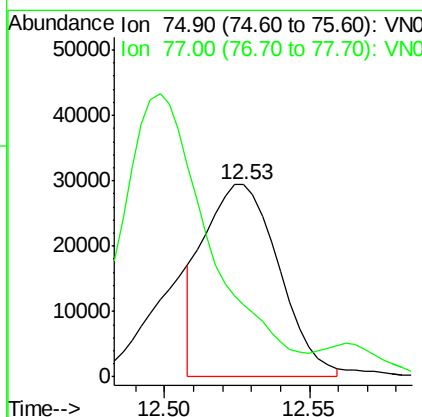
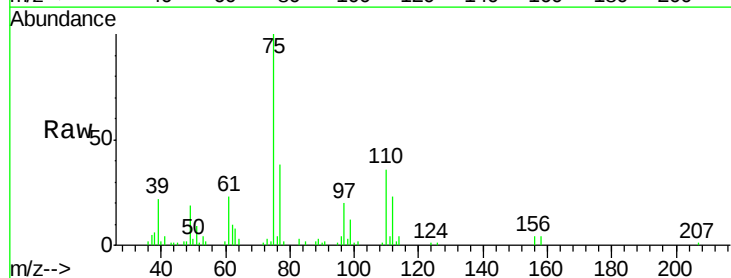
RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Tgt Ion:	75	Resp:	52321
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.678 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

Tot Ion:156 Resp: 46398

Ion Ratio Lower Upper

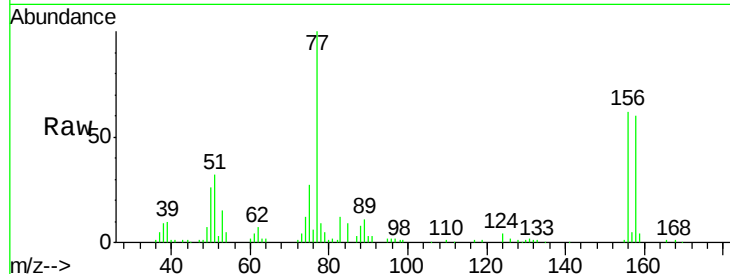
156 100

77 199.1 101.3 303.7

158 96.5 48.2 144.6

Manual Integrations
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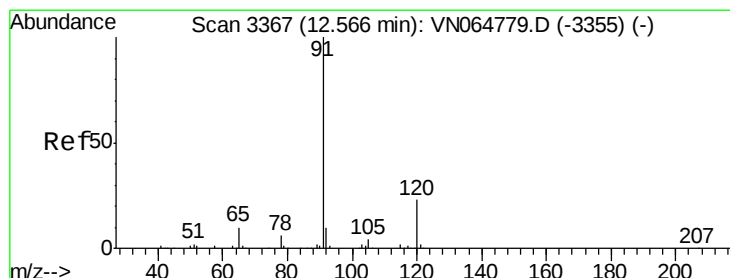
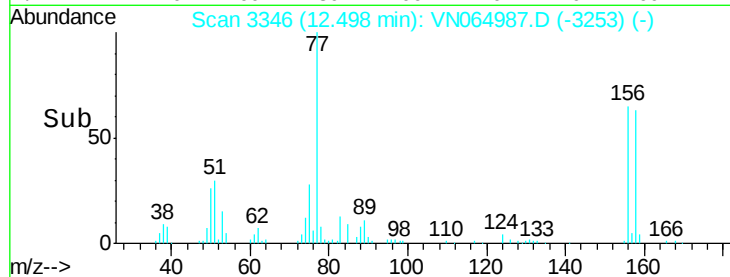
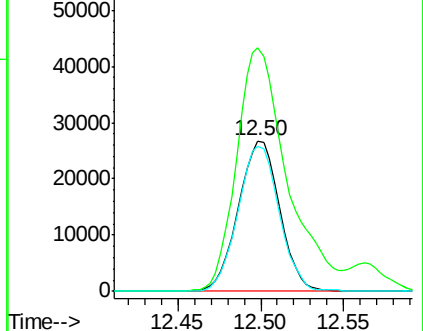
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.078 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN064987.D

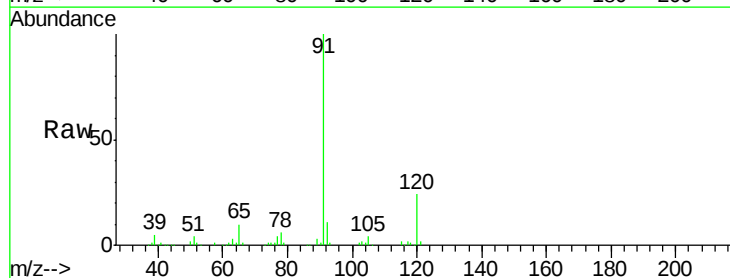
Acq: 8 Dec 2020 23:26

Tgt Ion: 91 Resp: 189764

Ion Ratio Lower Upper

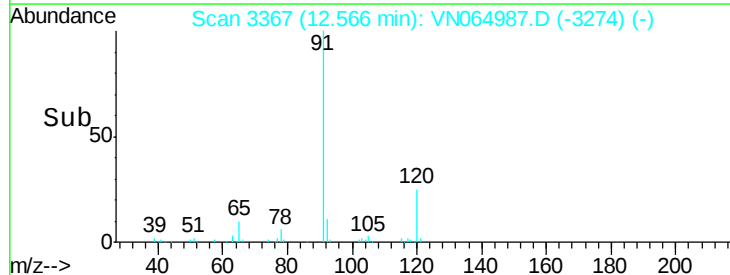
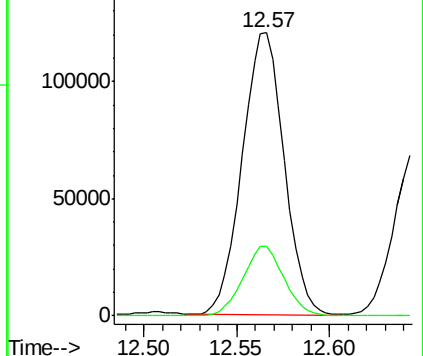
91 100

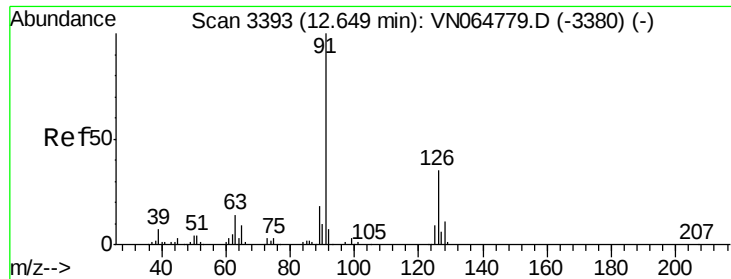
120 24.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.506 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

Tot Ion: 91 Resp: 120078

Ion Ratio Lower Upper

91 100

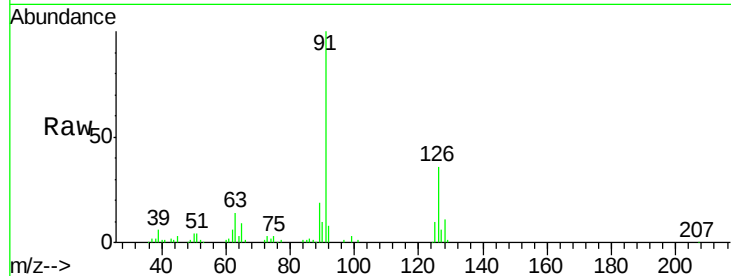
126 35.5 17.2 51.6

Manual Integrations

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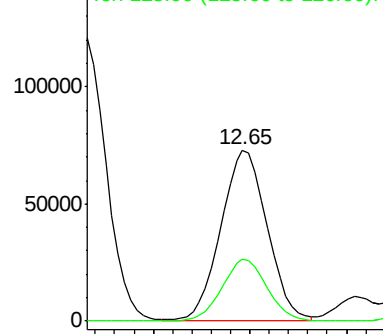
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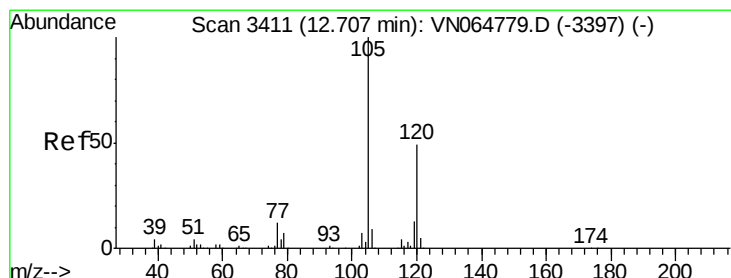
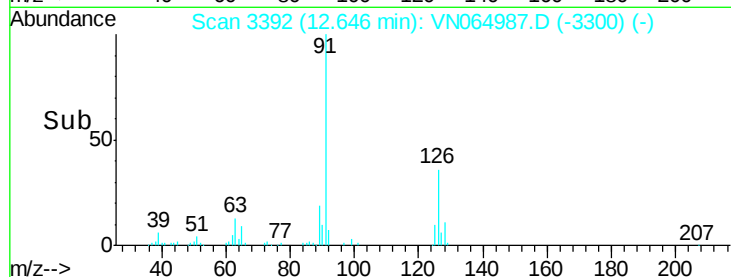


Abundance Ion 91.00 (90.70 to 91.70): VN064987.D (-3390) (-)

Ion 125.90 (125.60 to 126.60): VN064987.D (-3390) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.987 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064987.D

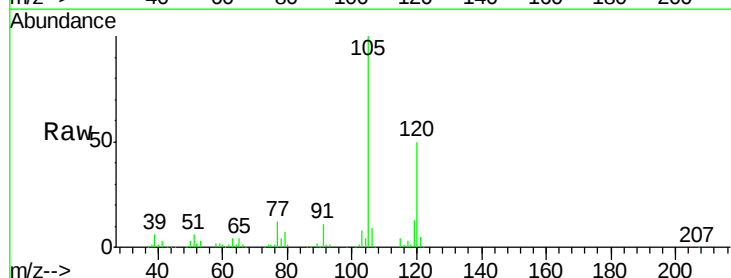
Acq: 8 Dec 2020 23:26

Tgt Ion: 105 Resp: 145415

Ion Ratio Lower Upper

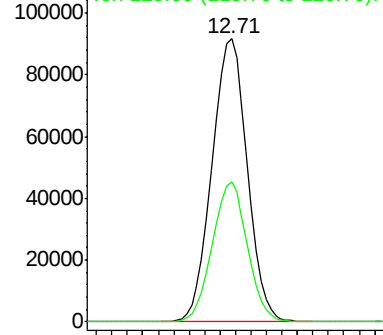
105 100

120 49.0 24.6 73.6

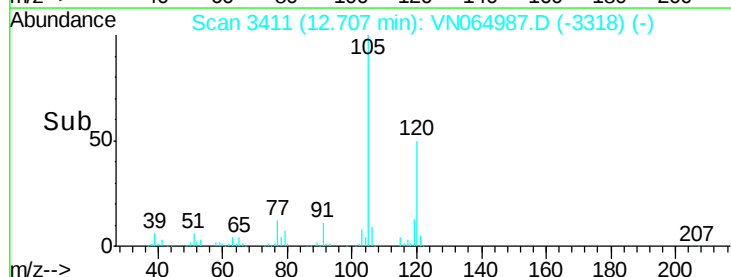


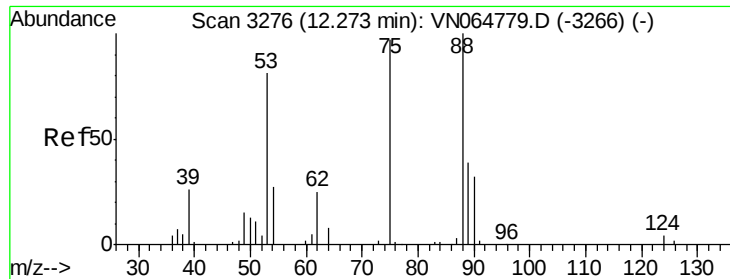
Abundance Ion 105.00 (104.70 to 105.70): VN064987.D (-3318) (-)

Ion 120.00 (119.70 to 120.70): VN064987.D (-3318) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.998 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

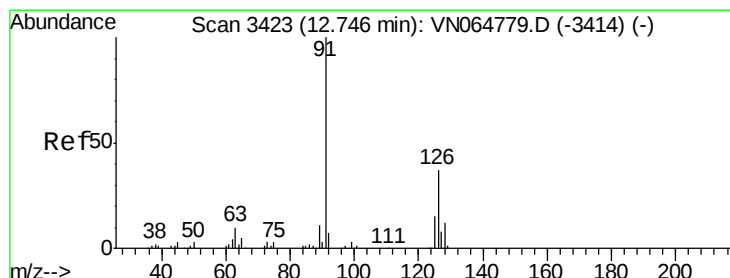
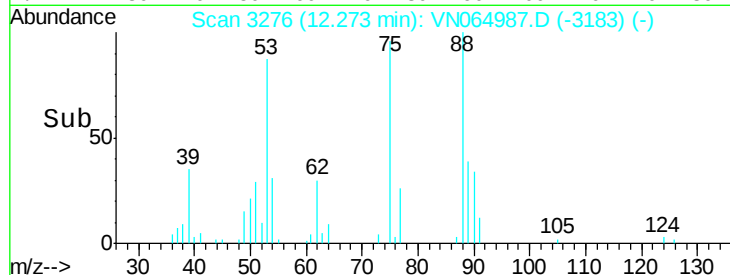
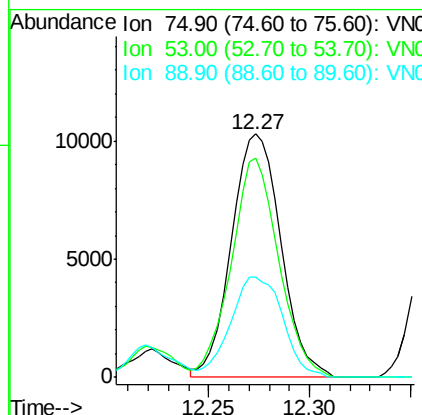
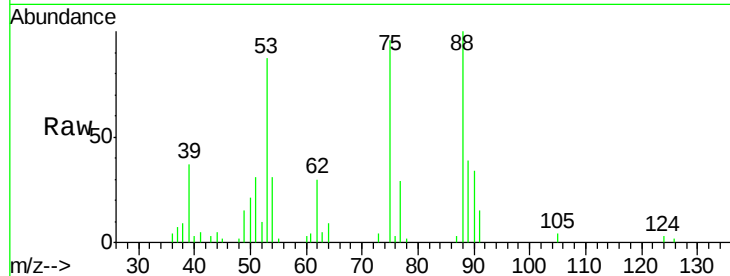
ClientSampleId :

VN1208WBS02

Tot Ion:	75	Resp:	17693
Ion Ratio	Lower	Upper	
75	100		
53	86.6	67.0	100.4
89	43.3	39.6	59.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.483 ug/l

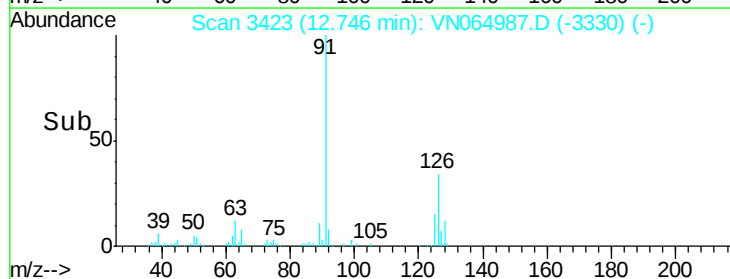
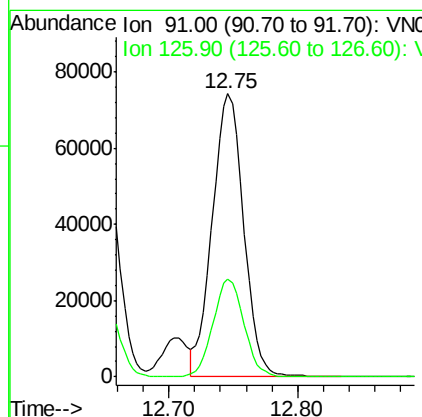
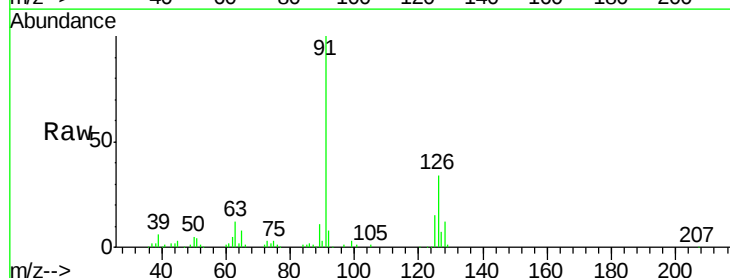
RT: 12.75 min Scan# 3423

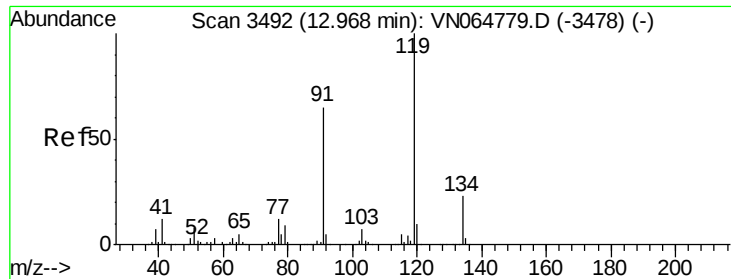
Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Tgt Ion:	91	Resp:	125707
Ion Ratio	Lower	Upper	
91	100		
126	33.9	16.9	50.7





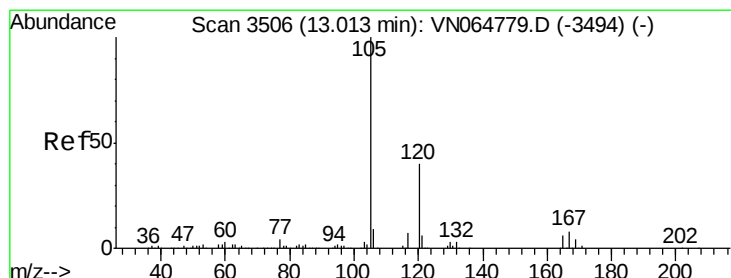
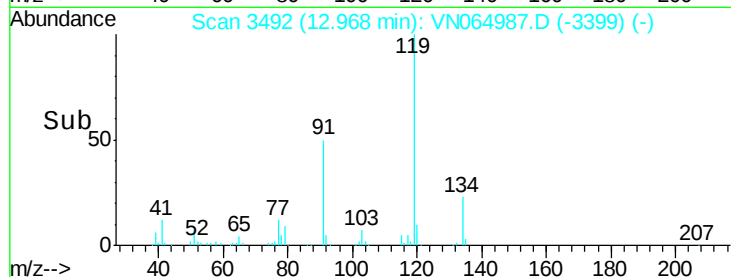
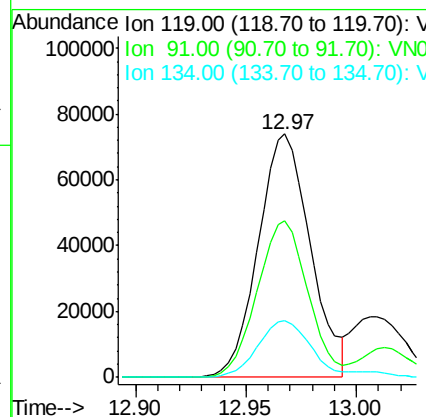
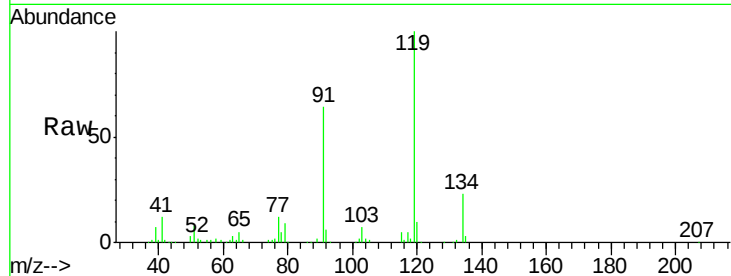
#83
 tert-Butylbenzene
 Concen: 18.920 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.4	32.3	96.8
134	25.2	12.6	37.6

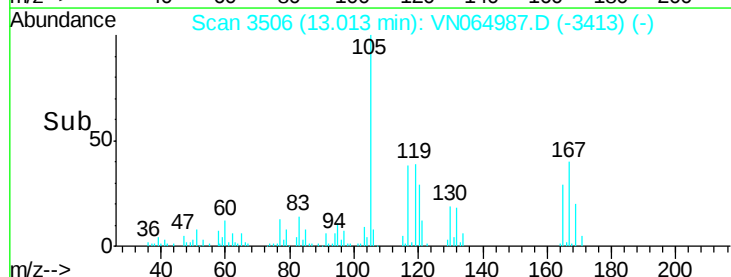
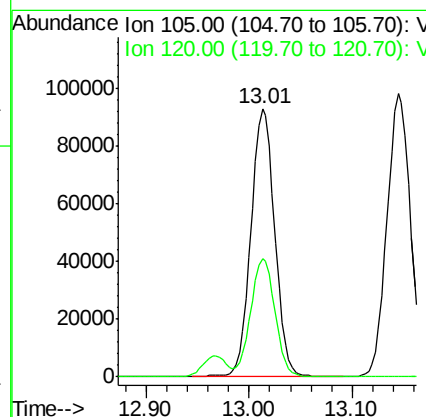
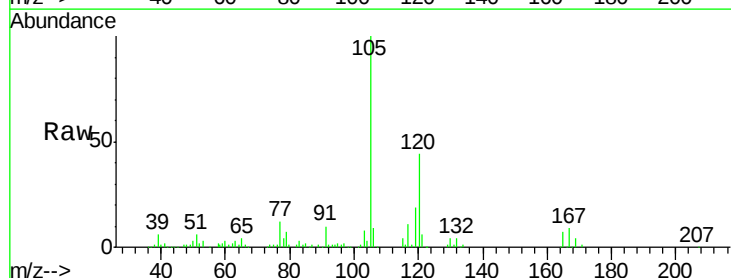
Manual Integrations
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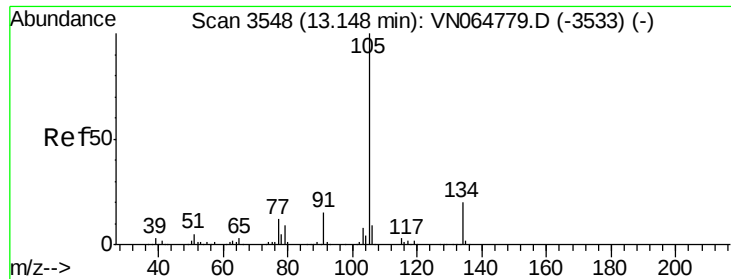
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.250 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	23.1	69.2





#85

sec-Butylbenzene

Concen: 18.107 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS02

Tot Ion:105 Resp: 154335

Ion Ratio Lower Upper

105 100

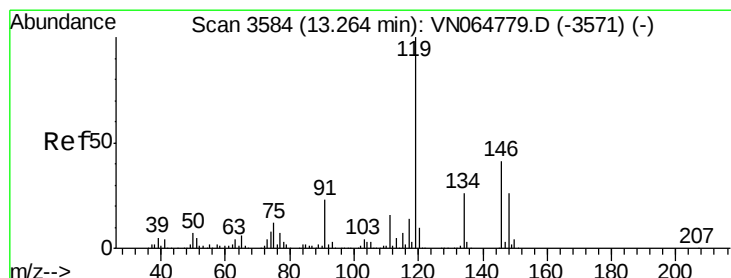
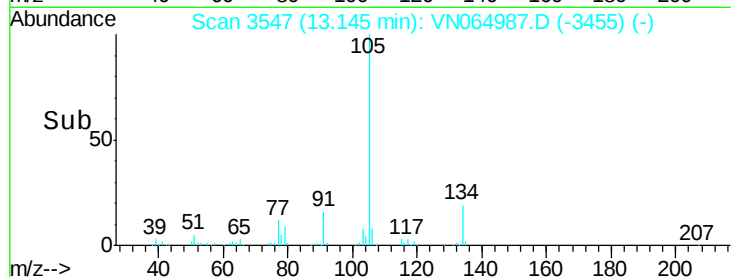
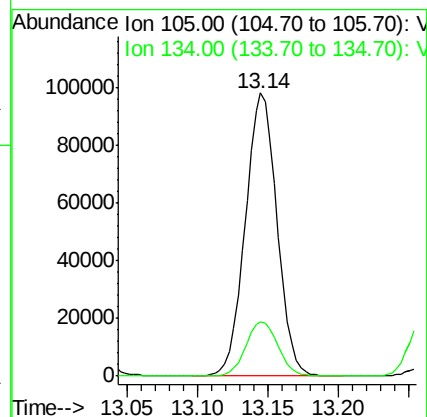
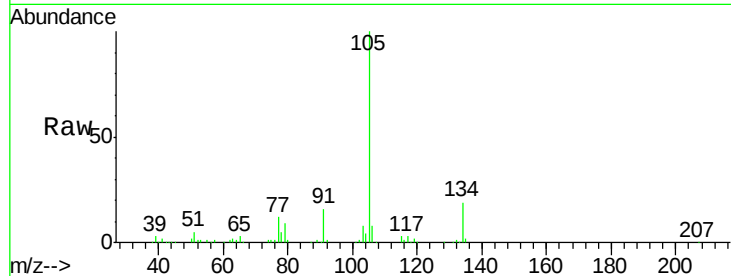
134 19.5 10.1 30.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 17.629 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

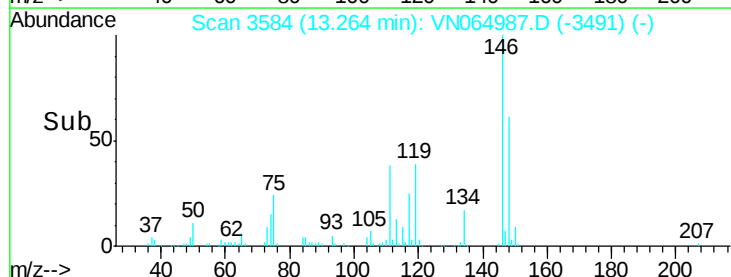
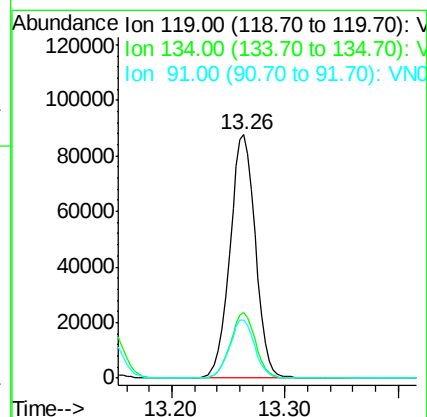
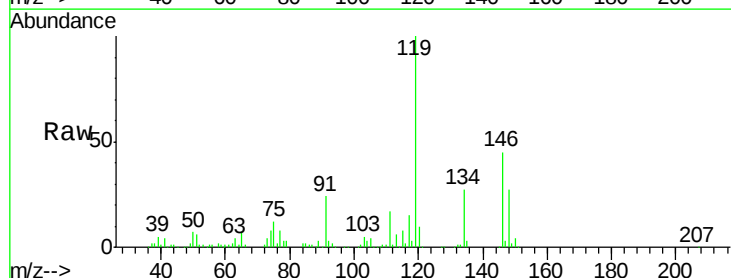
Tgt Ion:119 Resp: 136803

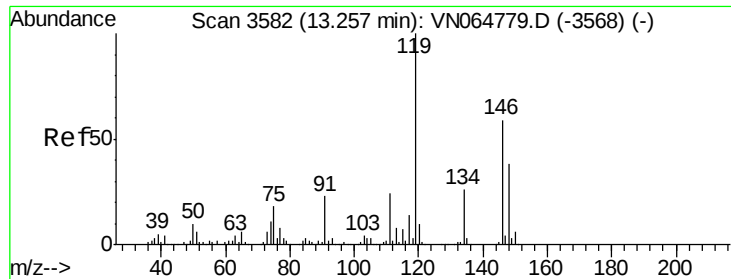
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 23.7 11.5 34.5





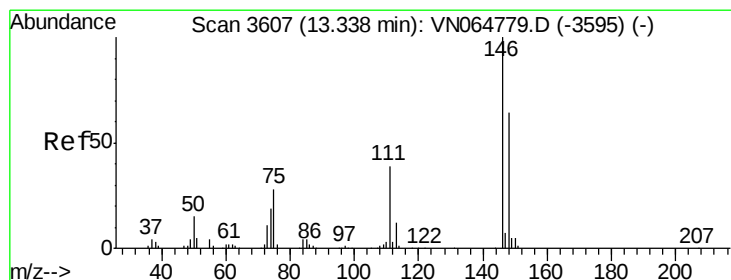
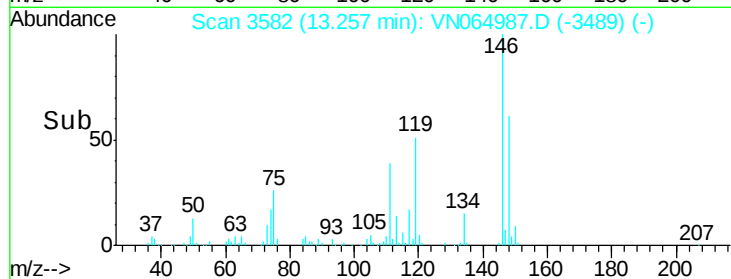
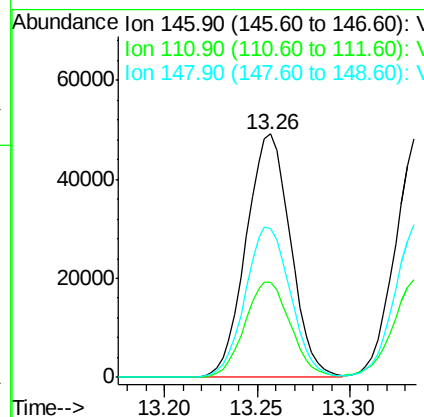
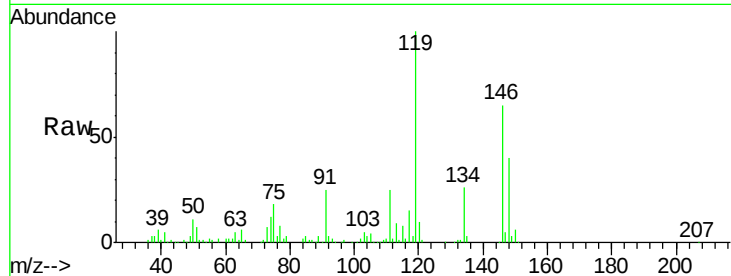
#87
 1,3-Dichlorobenzene
 Concen: 18.591 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.6	61.9
148	63.0	31.9	95.5

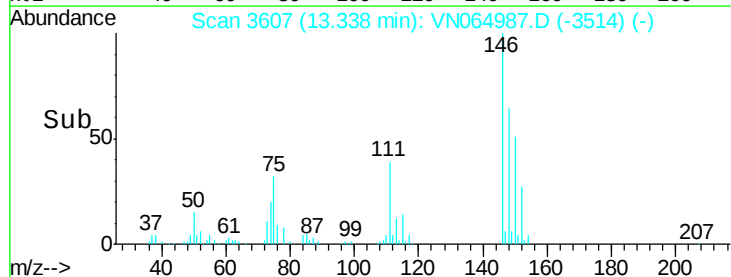
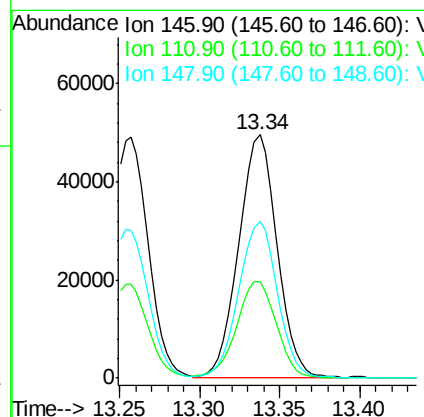
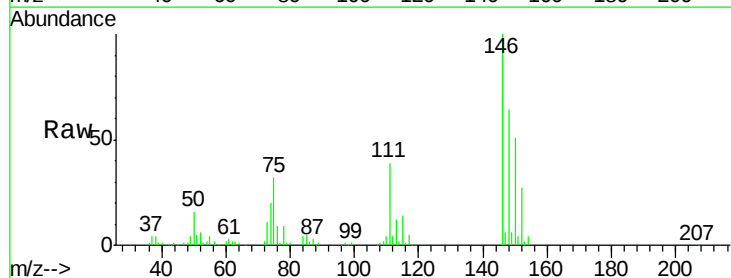
Manual Integrations
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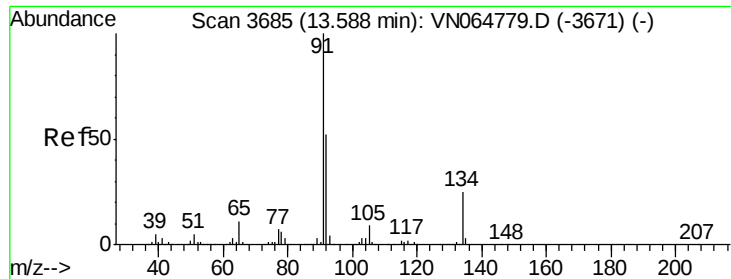
MMDadoda
 12/10/2020 9:55:54 AM



#88
 1,4-Dichlorobenzene
 Concen: 17.244 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.8	59.3
148	65.8	31.9	95.5





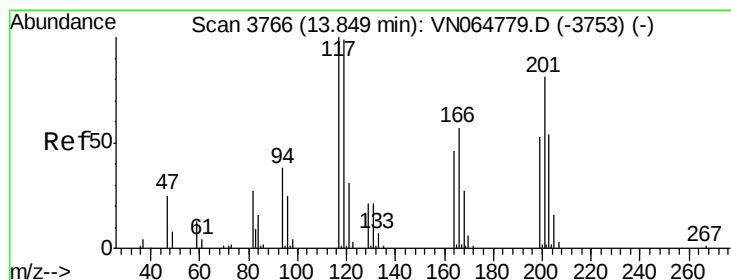
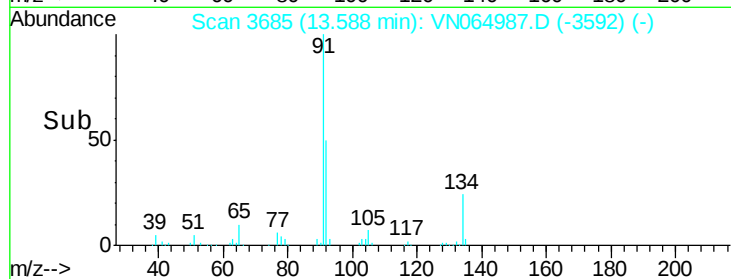
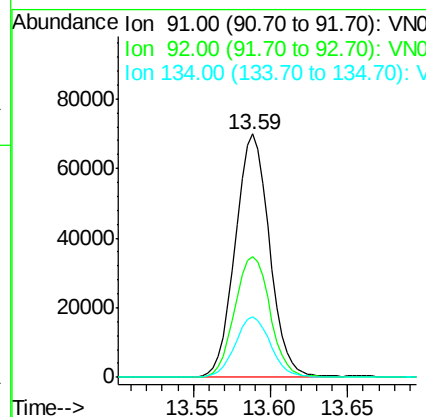
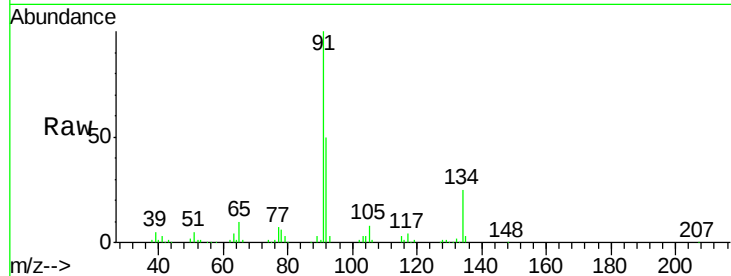
#89
n-Butylbenzene
Concen: 15.777 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.0	78.0
134	25.6	12.9	38.6

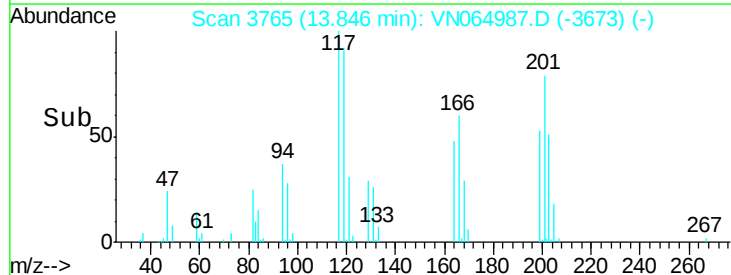
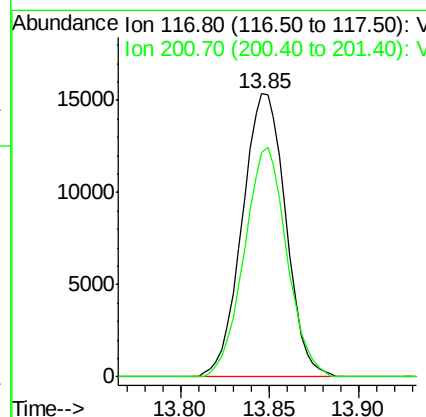
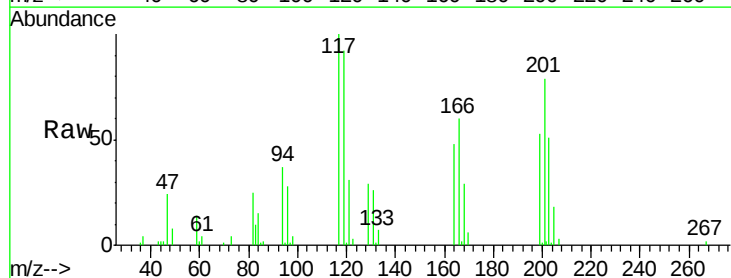
Manual Integrations
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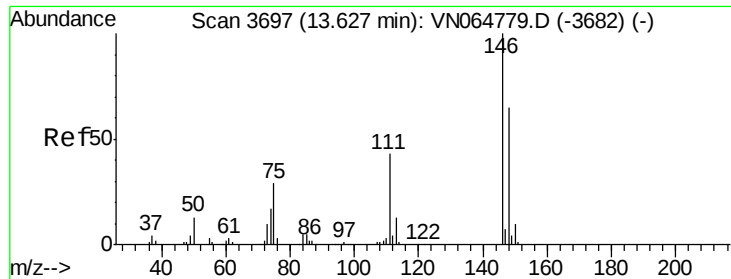
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#90
Hexachloroethane
Concen: 19.357 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064987.D
Acq: 8 Dec 2020 23:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.3	40.1	120.3





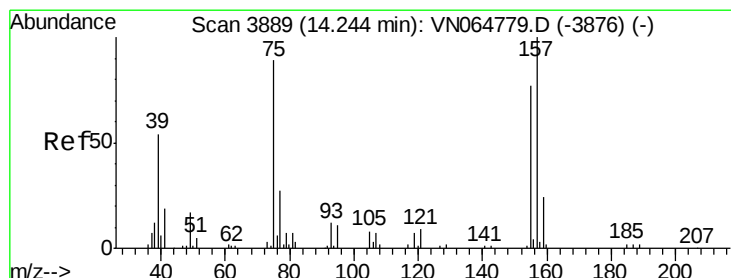
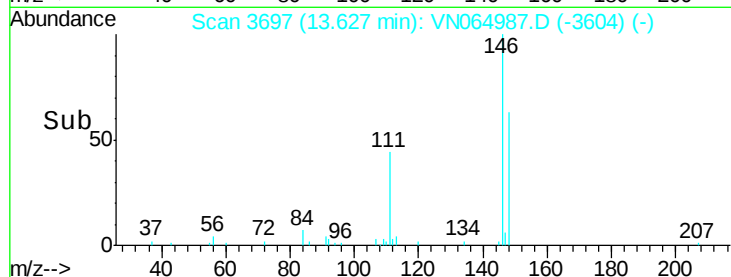
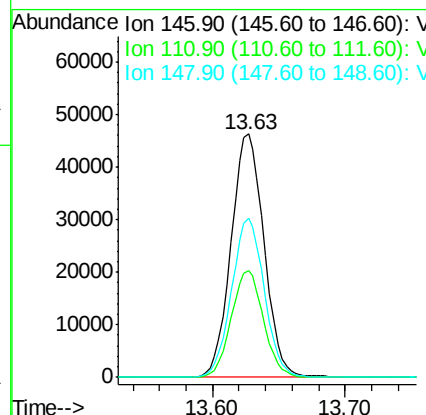
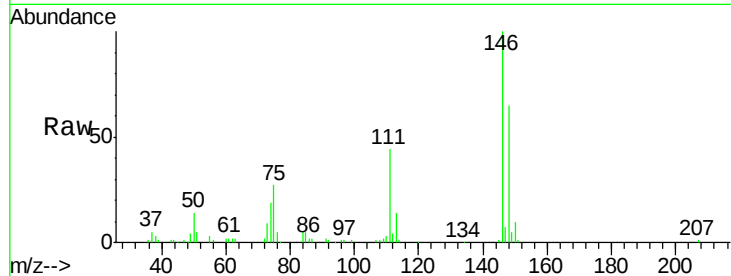
#91
 1,2-Dichlorobenzene
 Concen: 18.449 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.1	63.1
148	64.8	32.0	96.2

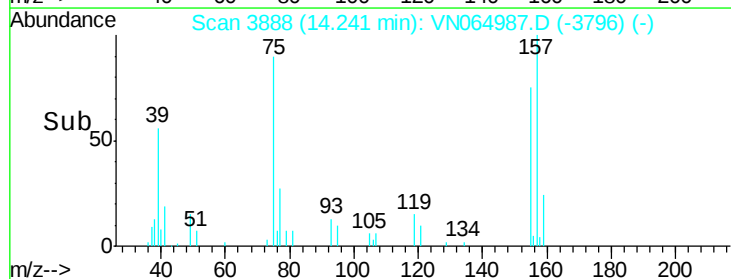
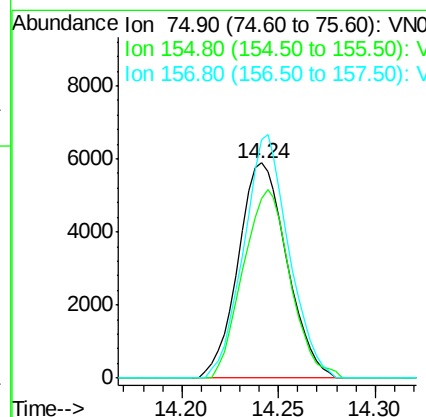
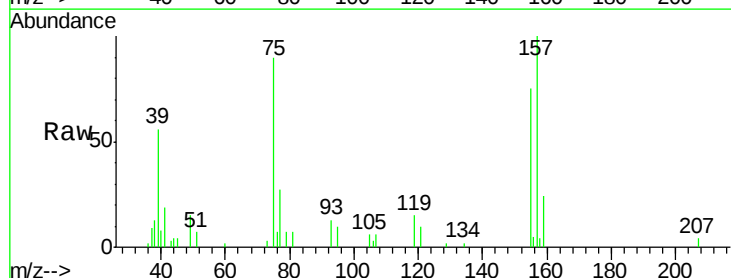
Manual Integrations
 APPROVED

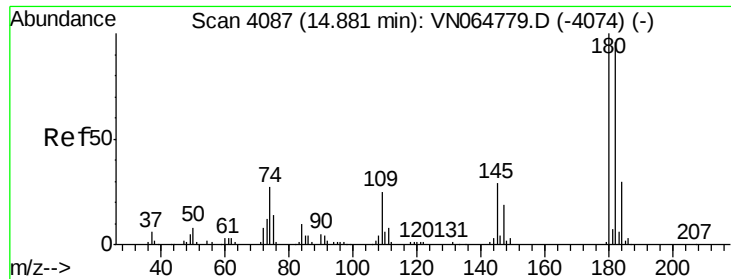
MMDadoda
 12/10/2020 9:55:54 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.030 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.2	42.8	128.3
157	104.8	56.4	169.1





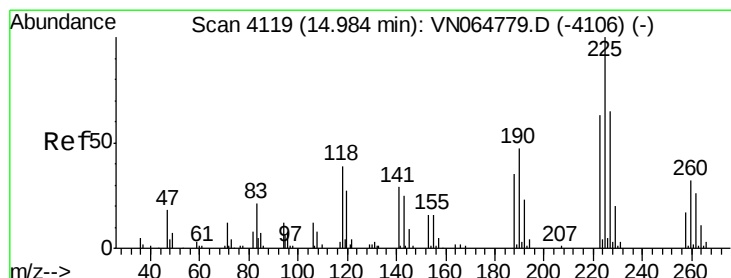
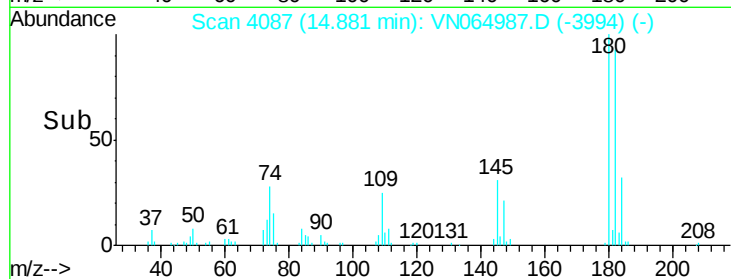
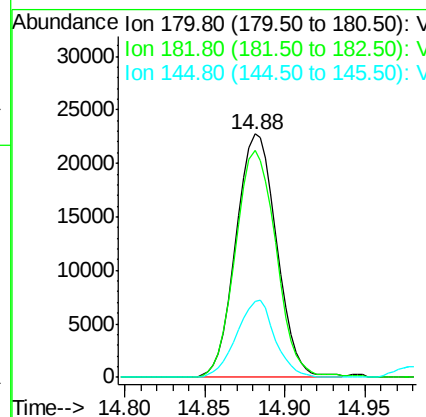
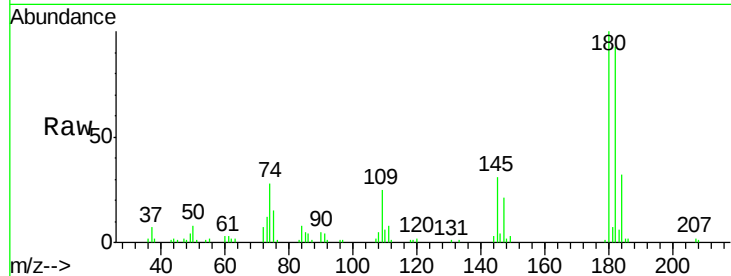
#93
 1,2,4-Trichlorobenzene
 Concen: 14.720 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.6	142.9
145	29.7	15.3	45.8

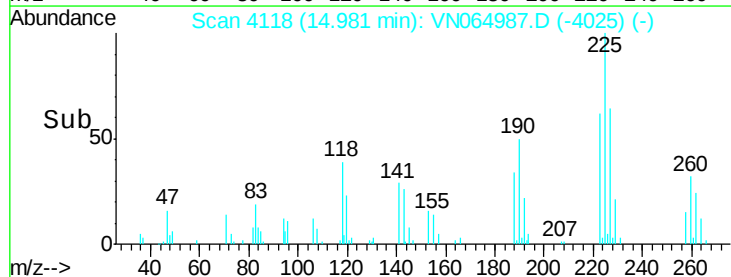
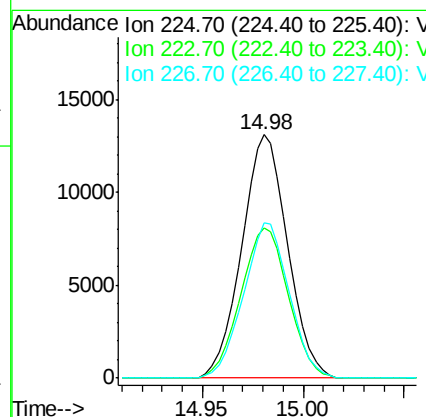
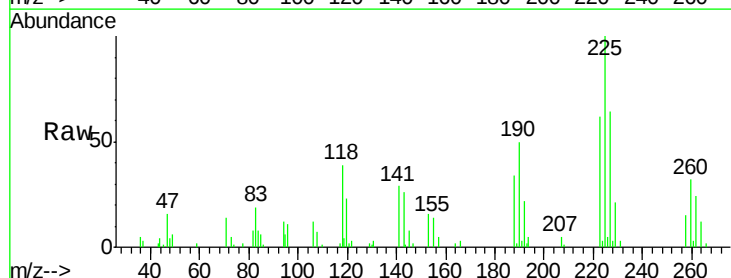
Manual Integrations
 APPROVED

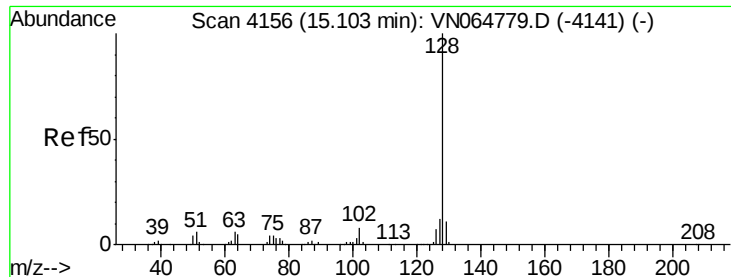
MMDadoda
 12/10/2020 9:55:54 AM



#94
 Hexachlorobutadiene
 Concen: 17.500 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064987.D
 Acq: 8 Dec 2020 23:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.0	93.0
227	63.4	32.0	96.0





#95

Naphthalene

Concen: 14.249 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Instrument :

MSVOA_N

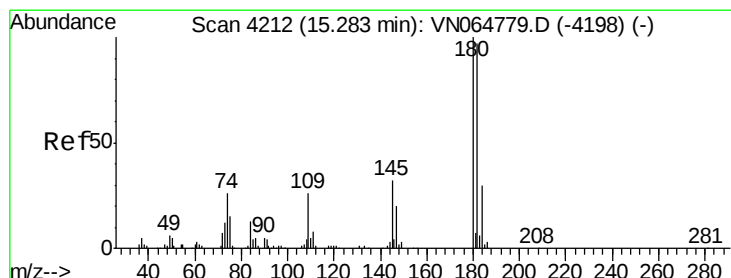
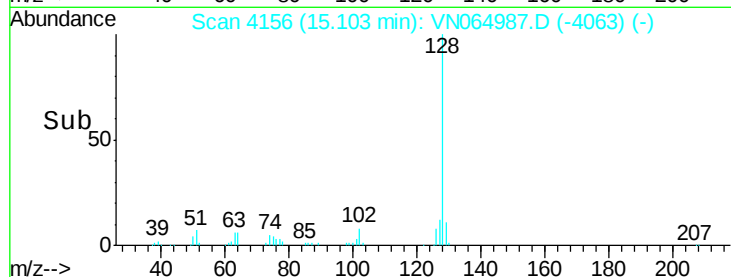
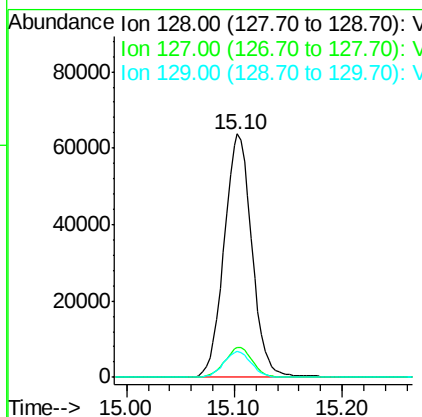
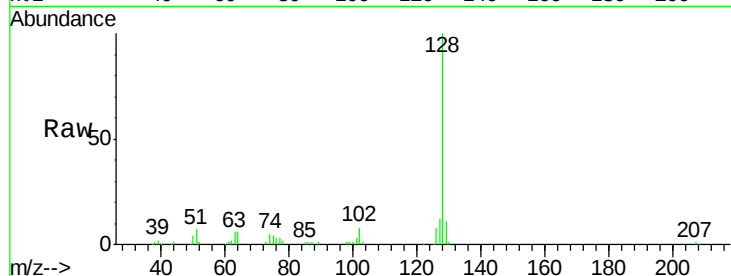
ClientSampleId :

VN1208WBS02

Tot Ion:	128	Resp:	114437
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.3	15.5
129	10.5	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
12/10/2020 9:55:54 AM



#96

1,2,3-Trichlorobenzene

Concen: 15.610 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064987.D

Acq: 8 Dec 2020 23:26

Tgt Ion:	180	Resp:	37258
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.1	144.4
145	31.2	16.4	49.1

