

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
 Data File : VN070526.D
 Acq On : 6 Jan 2022 18:08
 Operator : JC/MD
 Sample : N1015-10 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 08 01:41:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

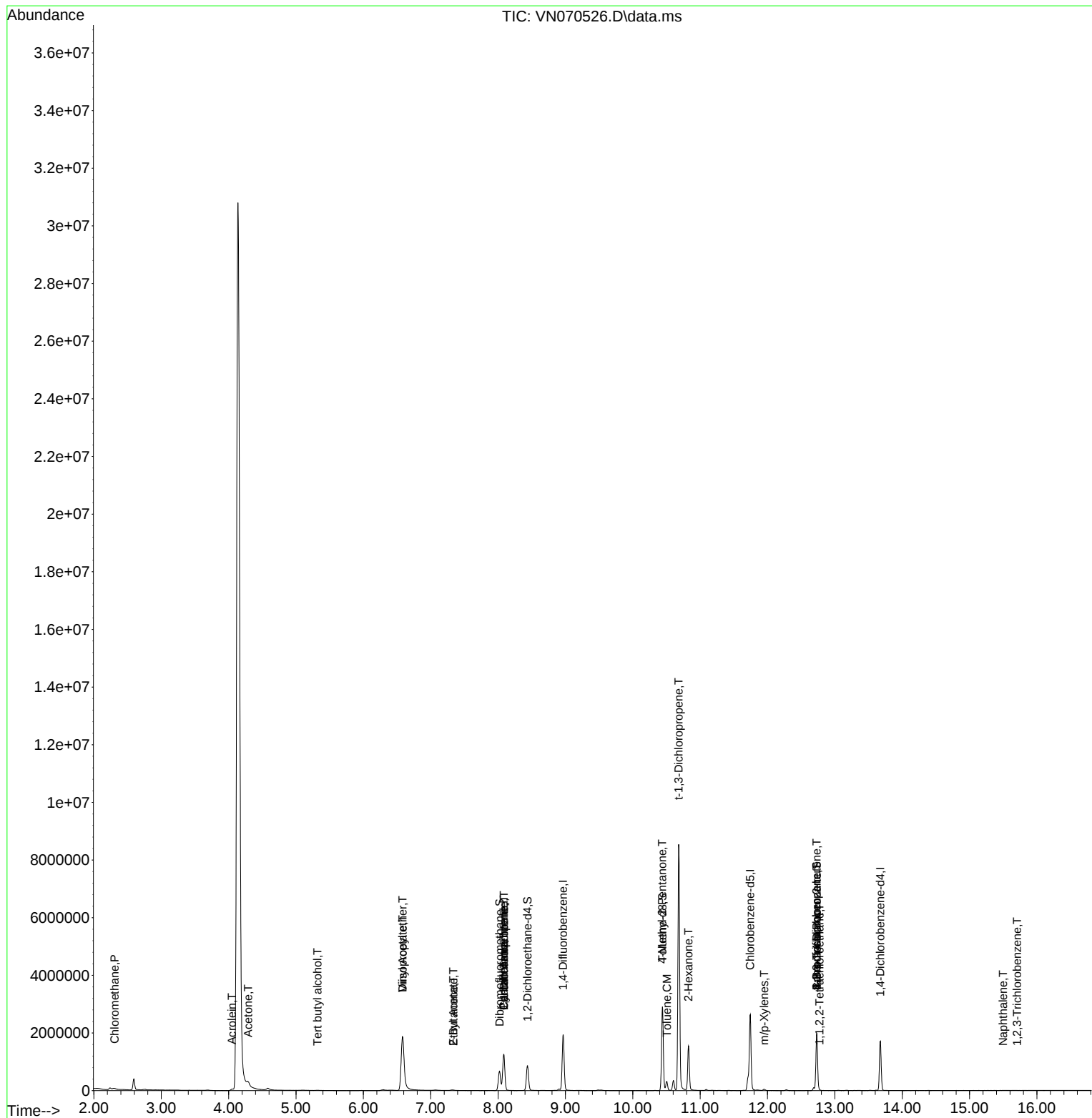
Internal Standards						
1) Pentafluorobenzene	8.086	168	975084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1659677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1494233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	491933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	716767	51.125	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.260%
35) Dibromofluoromethane	8.021	113	502011	49.992	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.980%
50) Toluene-d8	10.440	98	2014375	49.105	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.200%
62) 4-Bromofluorobenzene	12.731	95	724797	48.919	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.840%
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	3982	0.265	ug/l	100
11) Tert butyl alcohol	5.318	59	4926	2.110	ug/l #	79
13) Acrolein	4.049	56	39315	20.757	ug/l #	14
16) Acetone	4.288	43	253779	27.885	ug/l #	1
22) Diisopropyl ether	6.581	45	165950	3.784	ug/l #	1
23) Vinyl Acetate	6.584	43	385303	11.324	ug/l #	72
25) 2-Butanone	7.337	43	8837	0.771	ug/l #	87
31) Cyclohexane	8.083	56	22533	1.018	ug/l #	12
36) 1,1-Dichloropropene	8.086	75	78715	4.738	ug/l #	48
37) Ethyl Acetate	7.337	43	8837	0.410	ug/l #	68
38) Carbon Tetrachloride	8.086	117	93525	5.896	ug/l #	16
51) 4-Methyl-2-Pentanone	10.438	43	10983	0.515	ug/l #	1
52) Toluene	10.505	92	136023	4.413	ug/l	96
53) t-1,3-Dichloropropene	10.682	75	15191	0.829	ug/l #	54
59) 2-Hexanone	10.827	43	134699	8.659	ug/l	92
68) m/p-Xylenes	11.953	106	13587	0.643	ug/l	83
71) Bromoform	12.731	173	4353	0.518	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.771	83	2527	0.598	ug/l #	25
76) 1,2,3-Trichloropropane	12.731	75	374619	27.050	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	374619	93.041	ug/l #	5
95) Naphthalene	15.499	128	1575	1.865	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.705	180	25	0.829	ug/l #	1

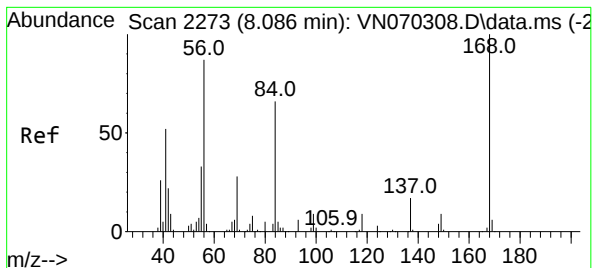
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.000 min MSVOA_N

Lab File: VN070526.D

Acq: 6 Jan 2022 18:08

Instrument :

MSVOA_N

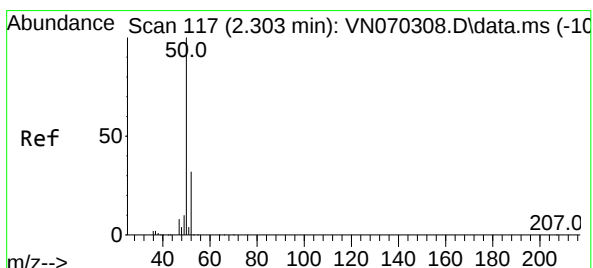
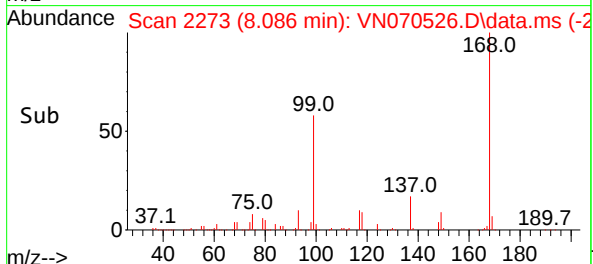
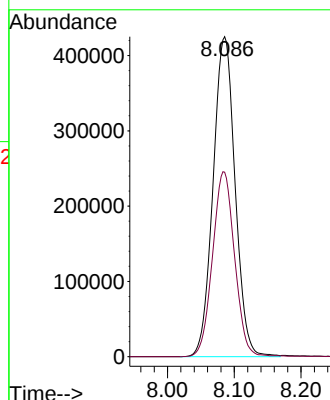
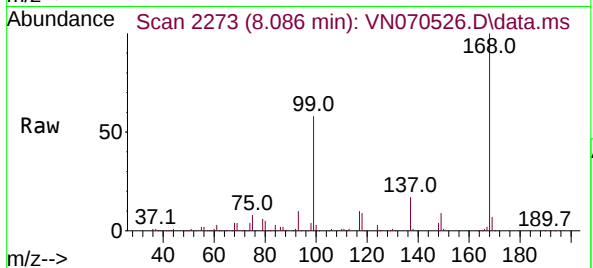
ClientSampleId :

Tgt Ion:168 Resp: 975084

Ion Ratio Lower Upper

168 100

99 57.6 41.3 61.9



#3

Chloromethane

Concen: 0.265 ug/l

RT: 2.306 min Scan# 118

Delta R.T. 0.003 min

Lab File: VN070526.D

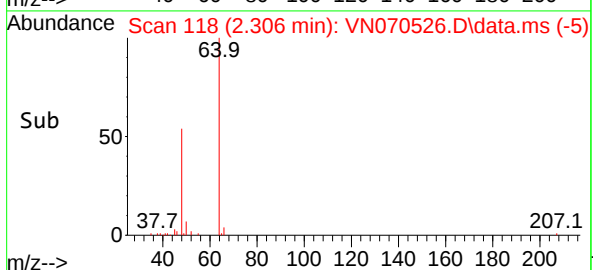
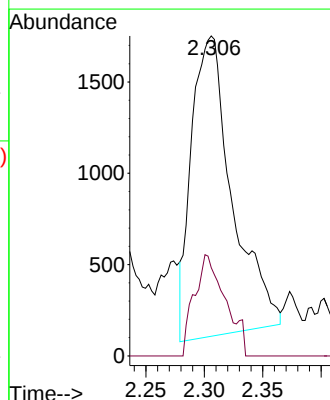
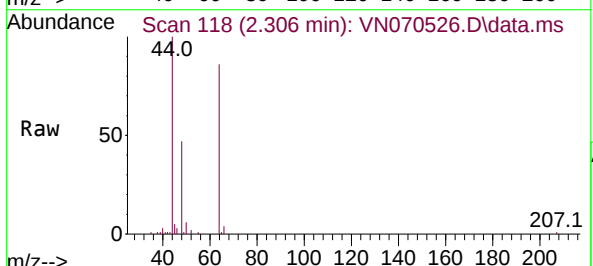
Acq: 6 Jan 2022 18:08

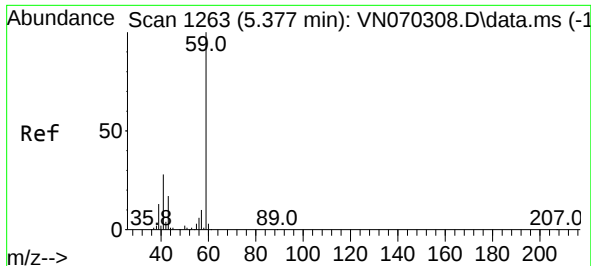
Tgt Ion: 50 Resp: 3982

Ion Ratio Lower Upper

50 100

52 31.8 25.4 38.0





#11

Tert butyl alcohol

Concen: 2.110 ug/l

RT: 5.318 min Scan# 11

Delta R.T. -0.059 min

Lab File: VN070526.D

Acq: 6 Jan 2022 18:08

Instrument :

MSVOA_N

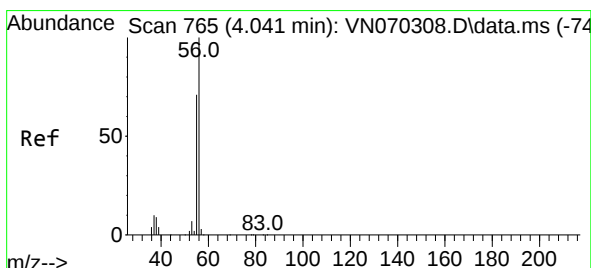
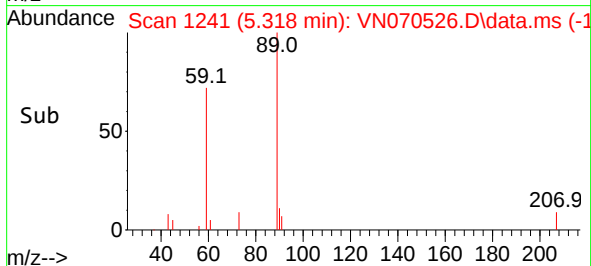
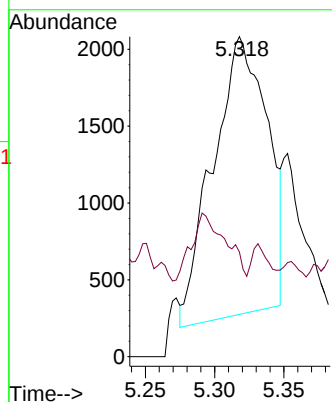
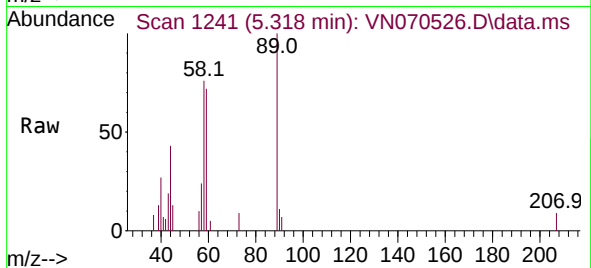
ClientSampleId :

Tgt Ion: 59 Resp: 4926

Ion Ratio Lower Upper

59 100

57 3.1 8.7 13.1#



#13

Acrolein

Concen: 20.757 ug/l

RT: 4.049 min Scan# 768

Delta R.T. 0.008 min

Lab File: VN070526.D

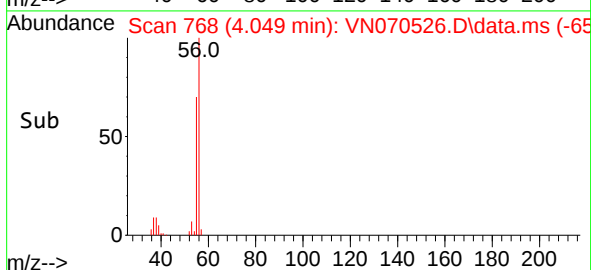
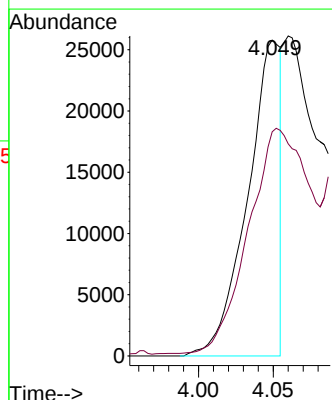
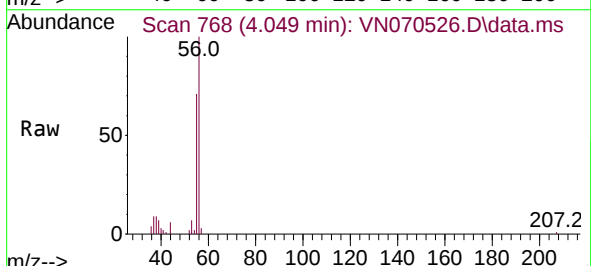
Acq: 6 Jan 2022 18:08

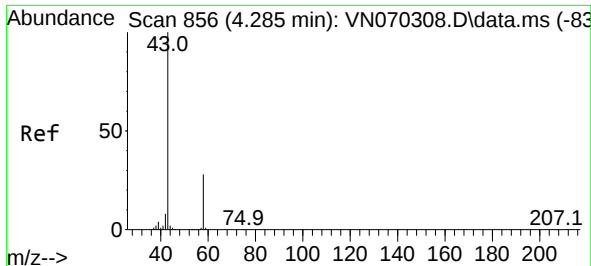
Tgt Ion: 56 Resp: 39315

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#

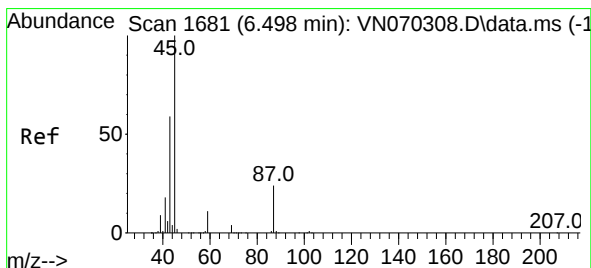
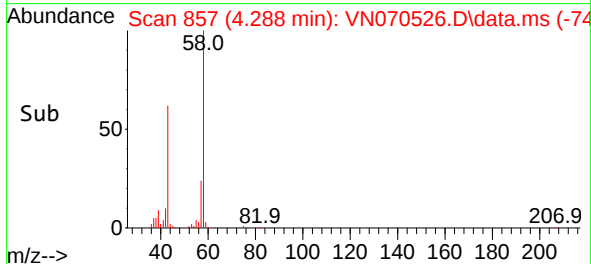
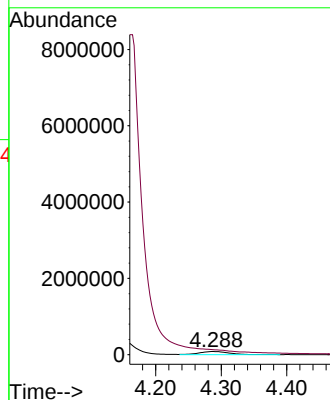
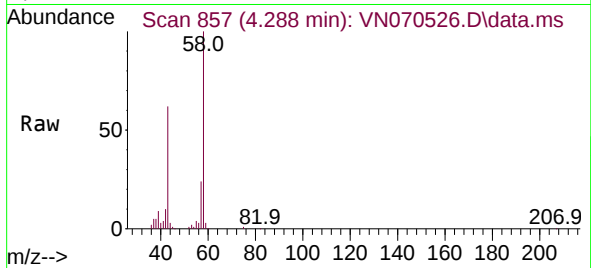




#16
Acetone
Concen: 27.885 ug/l
RT: 4.288 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070526.D
Acq: 6 Jan 2022 18:08

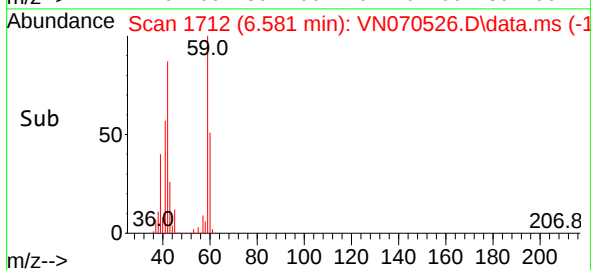
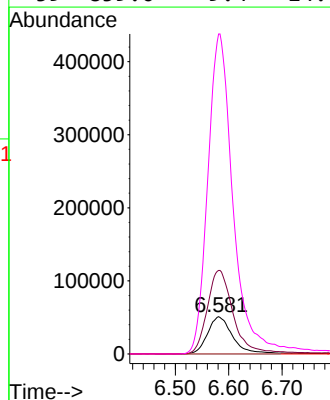
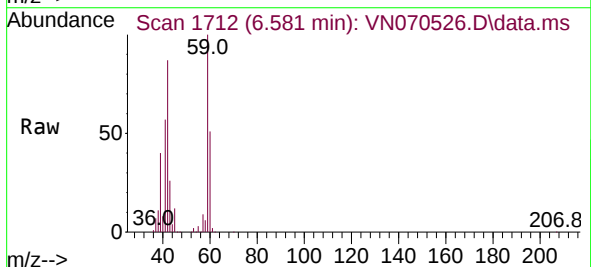
Instrument :
MSVOA_N
ClientSampleId :

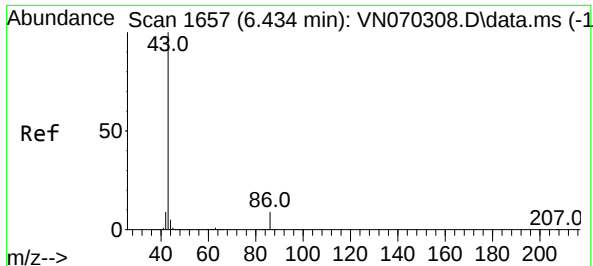
Tgt Ion: 43 Resp: 253779
Ion Ratio Lower Upper
43 100
58 113.1 23.1 34.7#



#22
Diisopropyl ether
Concen: 3.784 ug/l
RT: 6.581 min Scan# 1712
Delta R.T. 0.083 min
Lab File: VN070526.D
Acq: 6 Jan 2022 18:08

Tgt Ion: 45 Resp: 165950
Ion Ratio Lower Upper
45 100
43 223.8 51.7 77.5#
87 0.0 23.2 34.8#
59 859.0 9.4 14.0#

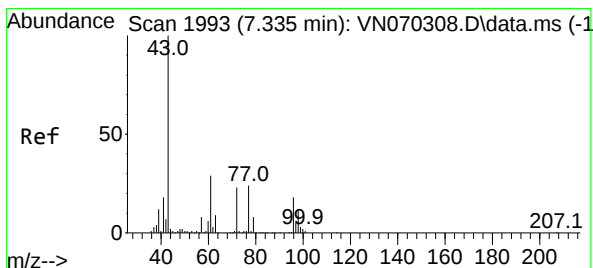
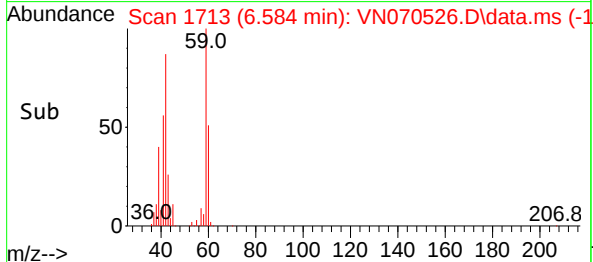
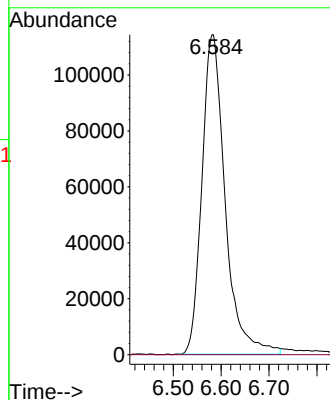
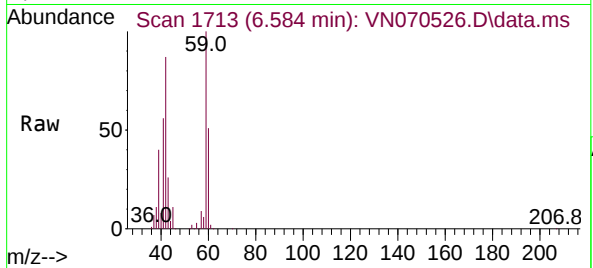




#23
 Vinyl Acetate
 Concen: 11.324 ug/l
 RT: 6.584 min Scan# 11
 Delta R.T. 0.150 min
 Lab File: VN070526.D
 Acq: 6 Jan 2022 18:08

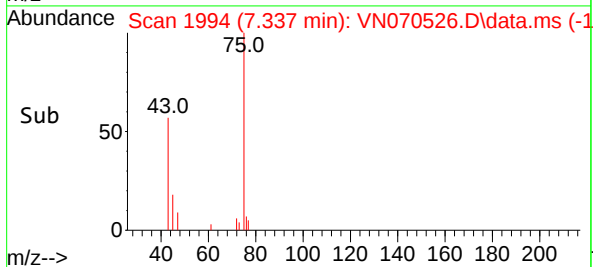
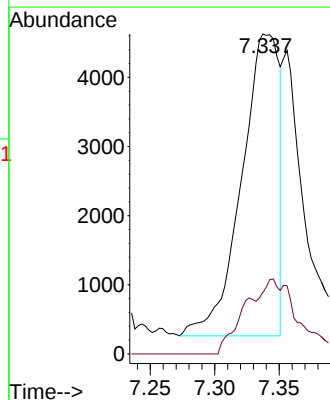
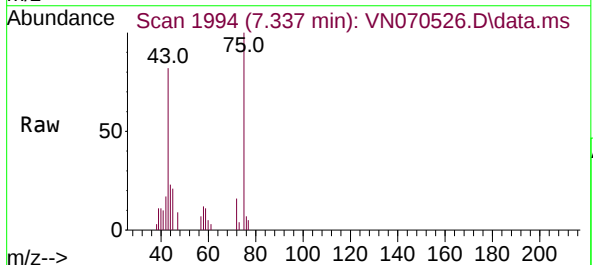
Instrument :
 MSVOA_N
 ClientSampleId :

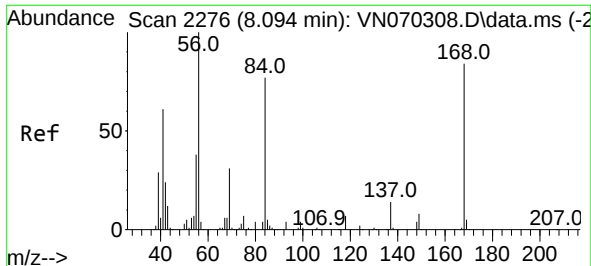
Tgt Ion: 43 Resp: 385303
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#25
 2-Butanone
 Concen: 0.771 ug/l
 RT: 7.337 min Scan# 1994
 Delta R.T. 0.002 min
 Lab File: VN070526.D
 Acq: 6 Jan 2022 18:08

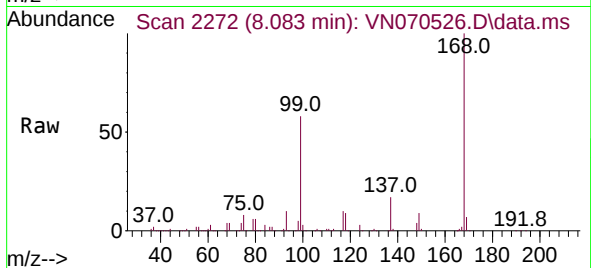
Tgt Ion: 43 Resp: 8837
 Ion Ratio Lower Upper
 43 100
 72 20.4 21.7 32.5#



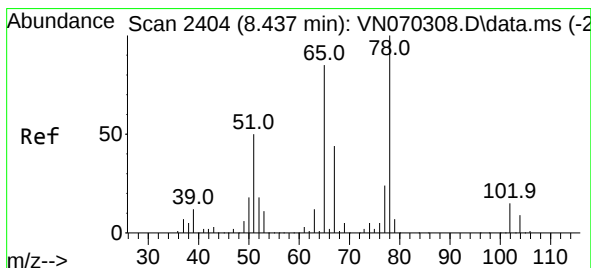
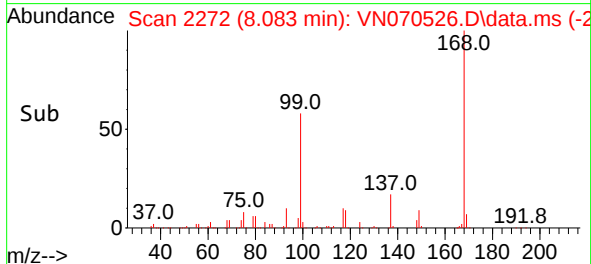
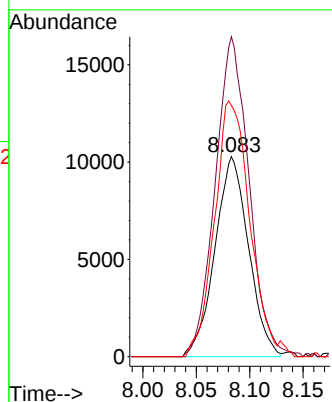


#31
Cyclohexane
Concen: 1.018 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070526.D
Acq: 6 Jan 2022 18:08

Instrument :
MSVOA_N
ClientSampleId :

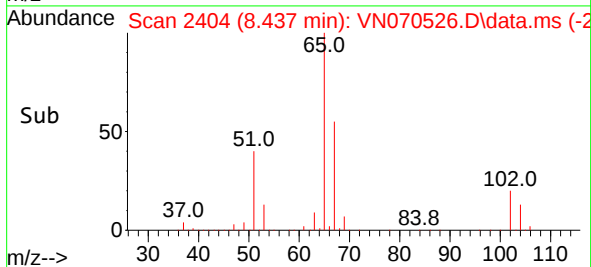
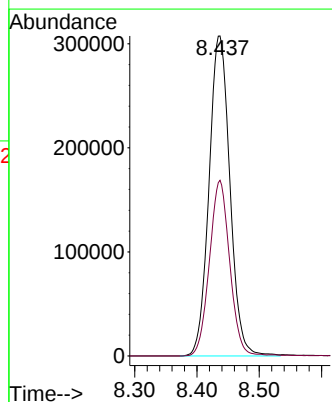
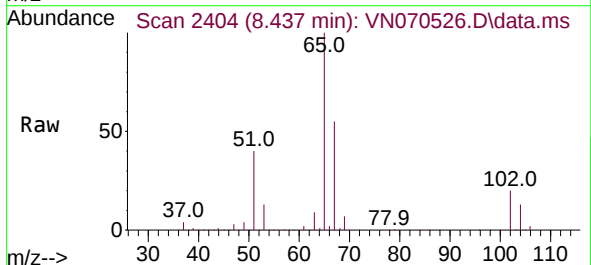


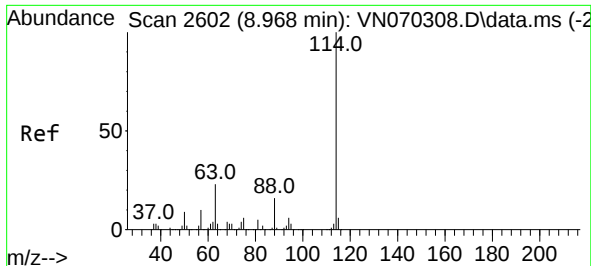
Tgt Ion: 56 Resp: 22533
Ion Ratio Lower Upper
56 100
69 162.5 27.1 40.7#
84 127.6 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 51.125 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070526.D
Acq: 6 Jan 2022 18:08

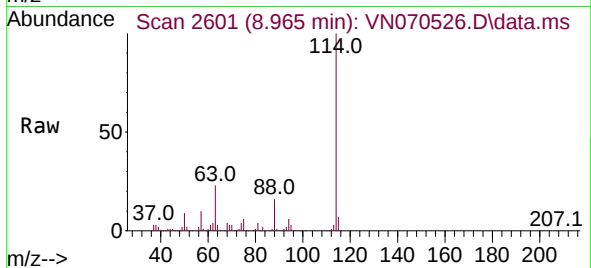
Tgt Ion: 65 Resp: 716767
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.0





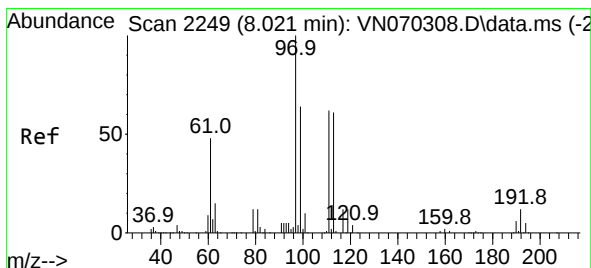
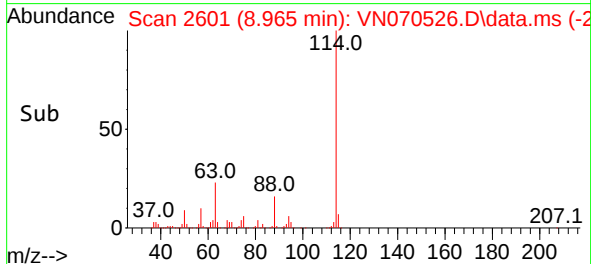
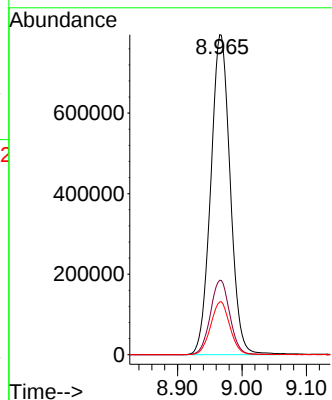
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070526.D
Acq: 6 Jan 2022 18:08

Instrument :
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Tgt Ion:114 Resp: 1659677

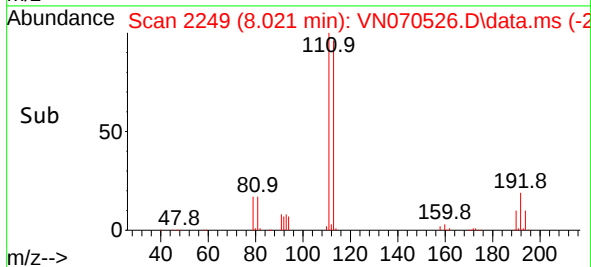
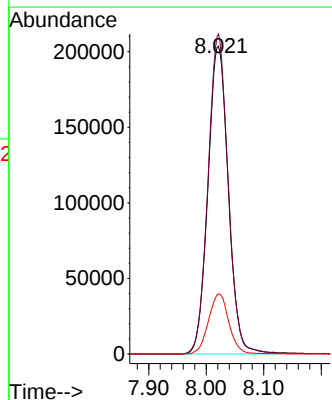
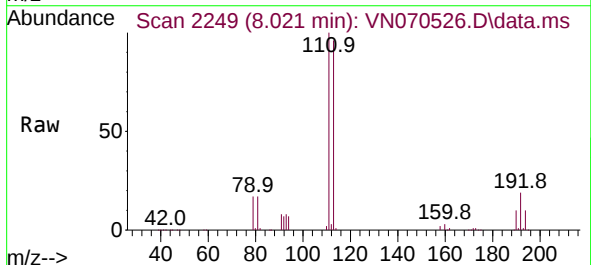
Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	37.8
88	16.5	0.0	27.4

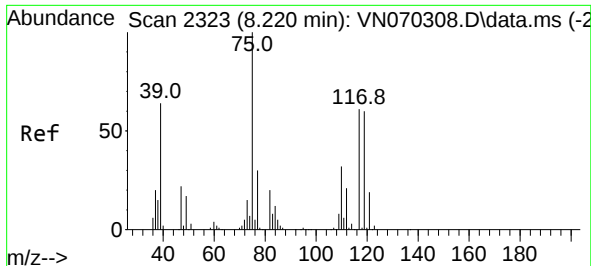


#35
Dibromofluoromethane
Concen: 49.992 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070526.D
Acq: 6 Jan 2022 18:08

Tgt Ion:113 Resp: 502011

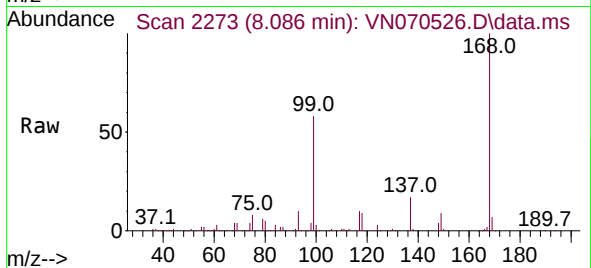
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.2
192	19.5	16.9	25.3



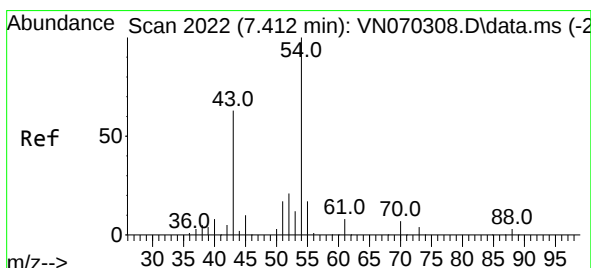
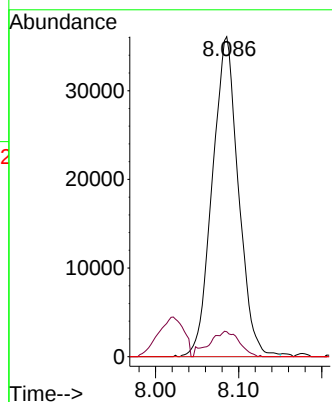
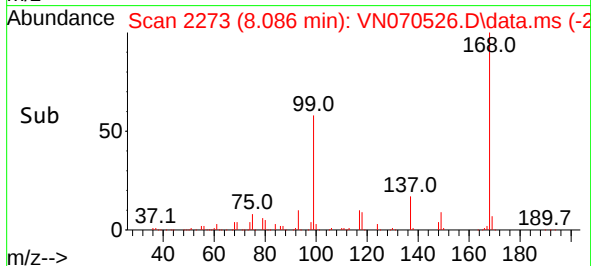


#36
 1,1-Dichloropropene
 Concen: 4.738 ug/l
 RT: 8.086 min Scan# 21
 Delta R.T. -0.134 min
 Lab File: VN070526.D
 Acq: 6 Jan 2022 18:08

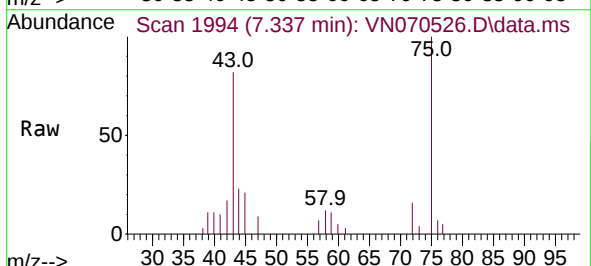
Instrument :
 MSVOA_N
 ClientSampleId :



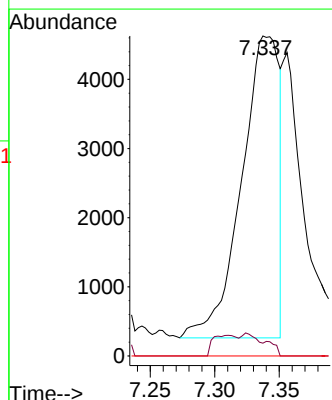
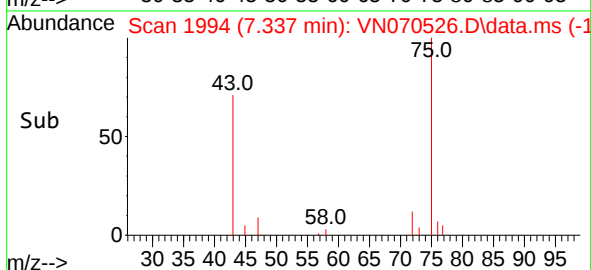
Tgt Ion: 75 Resp: 78715
 Ion Ratio Lower Upper
 75 100
 110 8.0 18.4 55.2#
 77 0.0 24.4 36.6#

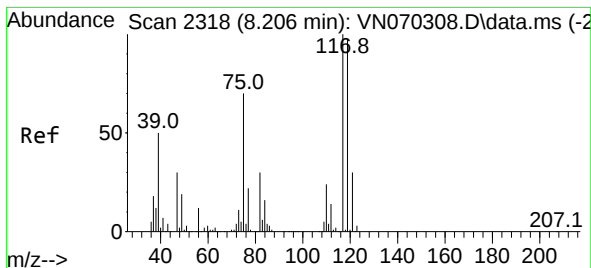


#37
 Ethyl Acetate
 Concen: 0.410 ug/l
 RT: 7.337 min Scan# 1994
 Delta R.T. -0.075 min
 Lab File: VN070526.D
 Acq: 6 Jan 2022 18:08



Tgt Ion: 43 Resp: 8837
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.0 7.9 11.9#





#38

Carbon Tetrachloride

Concen: 5.896 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.120 min

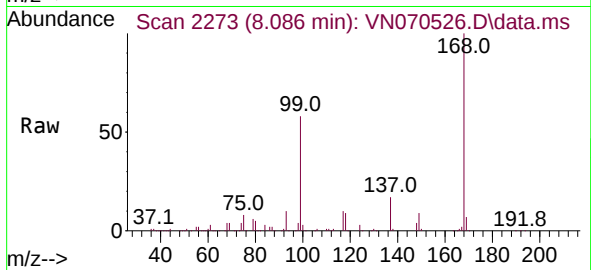
Lab File: VN070526.D

Acq: 6 Jan 2022 18:08

Instrument :

MSVOA_N

ClientSampleId :



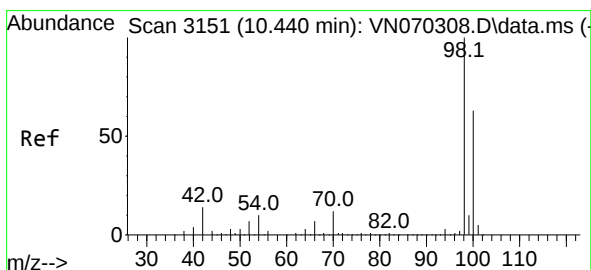
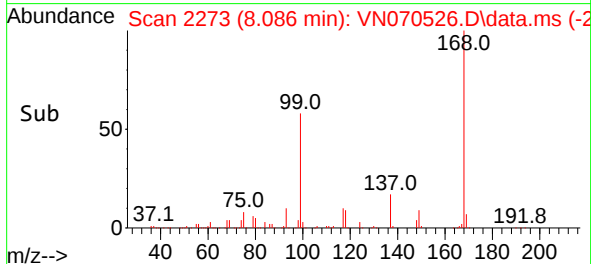
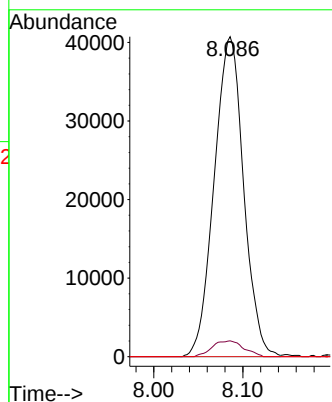
Tgt Ion:117 Resp: 93525

Ion Ratio Lower Upper

117 100

119 5.0 76.1 114.1#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.105 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070526.D

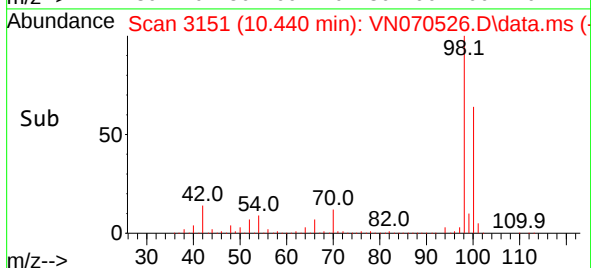
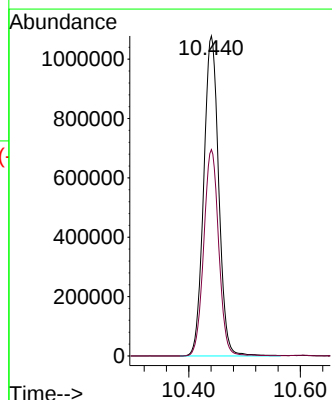
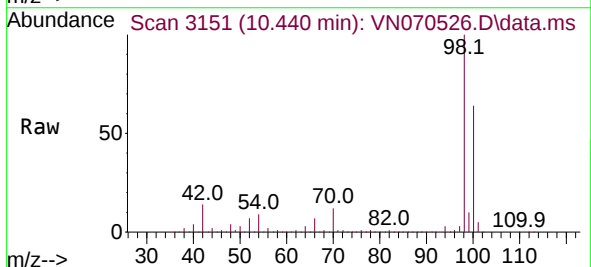
Acq: 6 Jan 2022 18:08

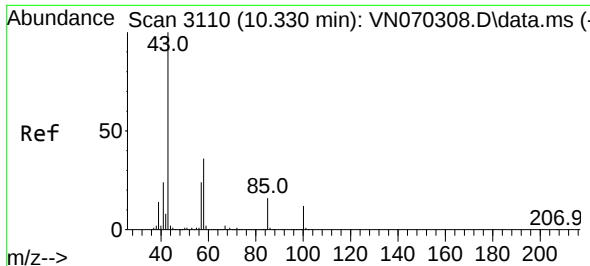
Tgt Ion: 98 Resp: 2014375

Ion Ratio Lower Upper

98 100

100 64.1 50.4 75.6

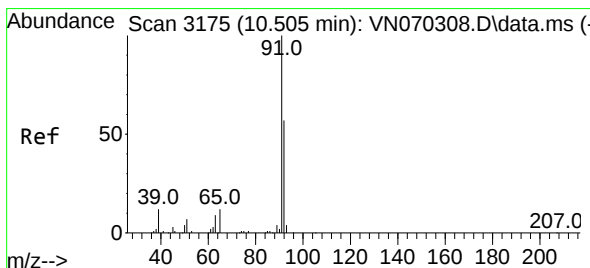
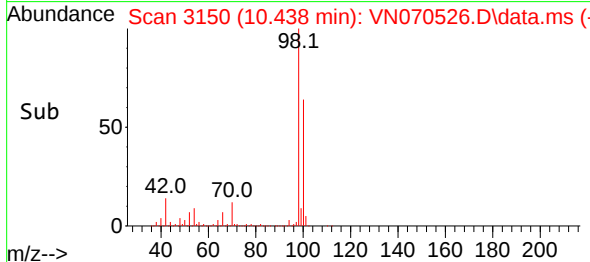
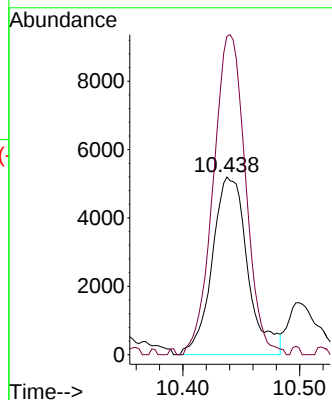
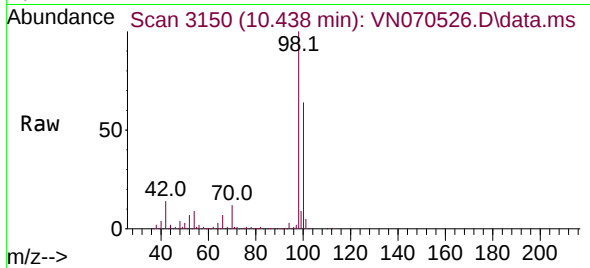




#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 10.438 min Scan# 3110
Delta R.T. 0.108 min
Lab File: VN070526.D
Acq: 6 Jan 2022 18:08

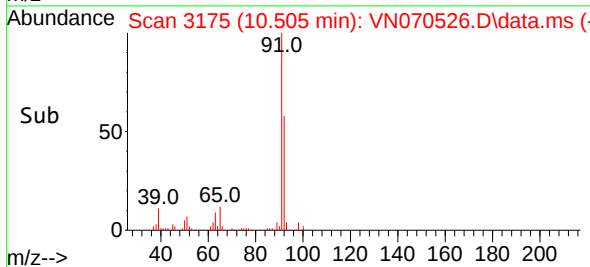
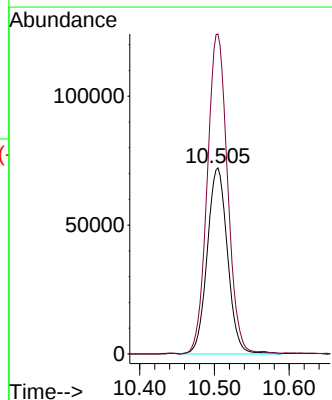
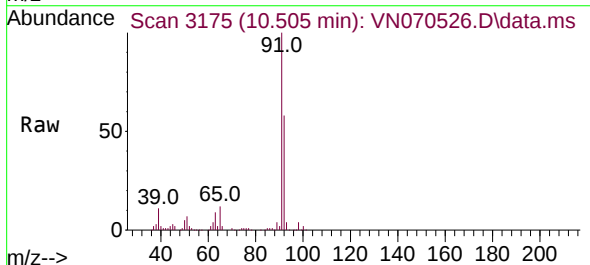
Instrument :
MSVOA_N
ClientSampleId :

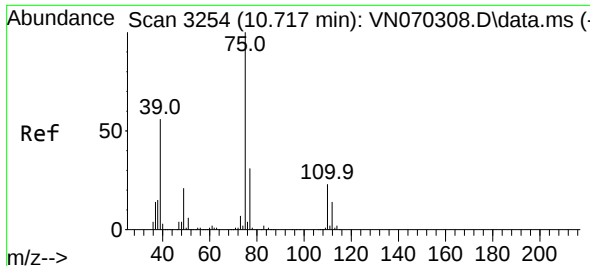
Tgt Ion: 43 Resp: 10983
Ion Ratio Lower Upper
43 100
58 163.8 30.4 45.6#



#52
Toluene
Concen: 4.413 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070526.D
Acq: 6 Jan 2022 18:08

Tgt Ion: 92 Resp: 136023
Ion Ratio Lower Upper
92 100
91 172.0 142.0 213.0

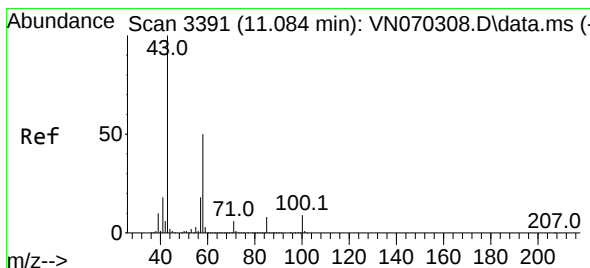
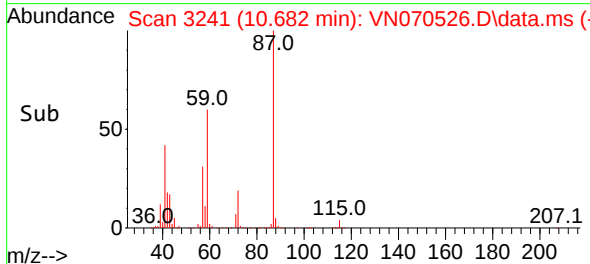
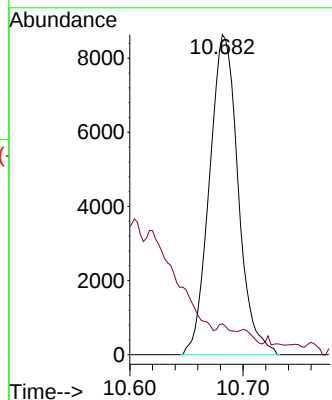
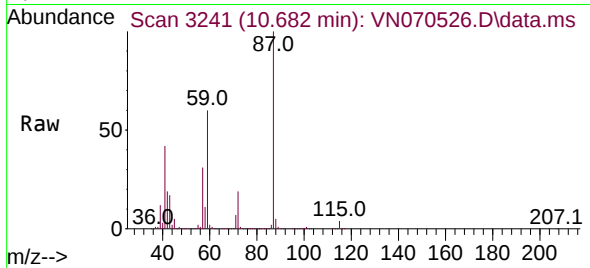




#53
t-1,3-Dichloropropene
Concen: 0.829 ug/l
RT: 10.682 min Scan# 31
Delta R.T. -0.035 min
Lab File: VN070526.D
Acq: 6 Jan 2022 18:08

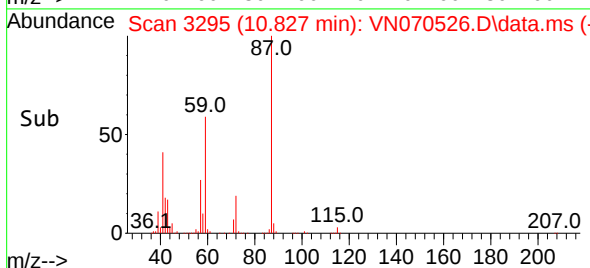
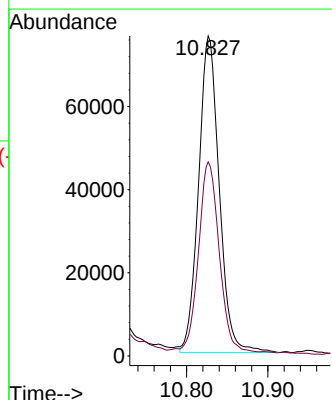
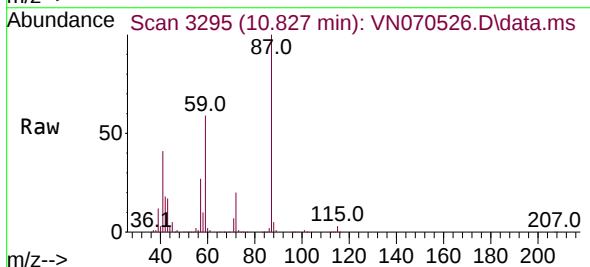
Instrument :
MSVOA_N
ClientSampleId :

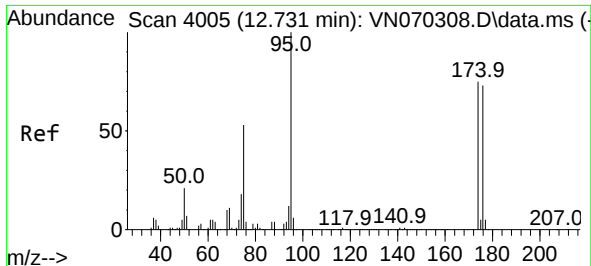
Tgt Ion: 75 Resp: 15191
Ion Ratio Lower Upper
75 100
77 6.4 25.6 38.4#



#59
2-Hexanone
Concen: 8.659 ug/l
RT: 10.827 min Scan# 3295
Delta R.T. -0.257 min
Lab File: VN070526.D
Acq: 6 Jan 2022 18:08

Tgt Ion: 43 Resp: 134699
Ion Ratio Lower Upper
43 100
58 59.3 26.9 80.7

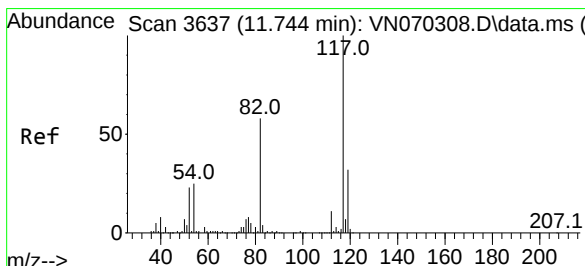
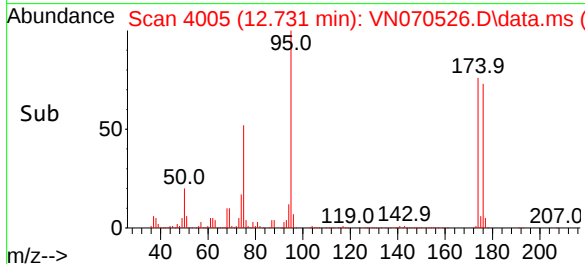
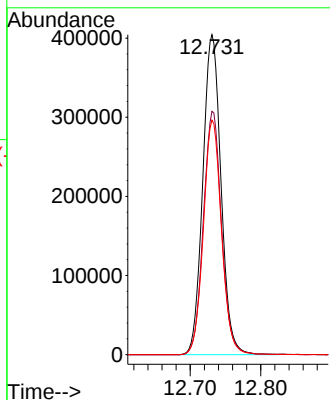
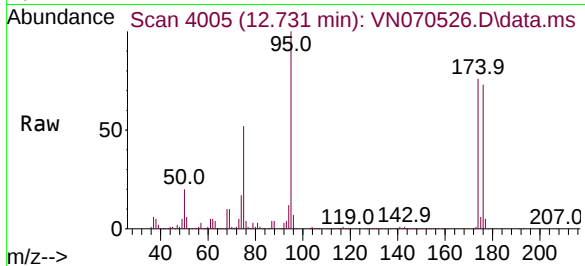




#62
4-Bromofluorobenzene
Concen: 48.919 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070526.D
Acq: 6 Jan 2022 18:08

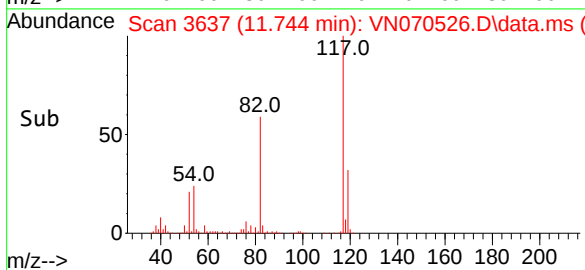
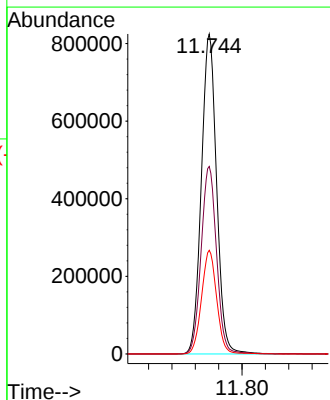
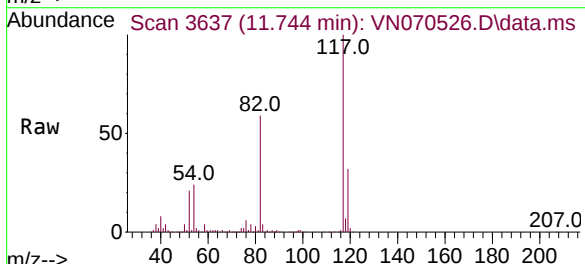
Instrument :
MSVOA_N
ClientSampleId :

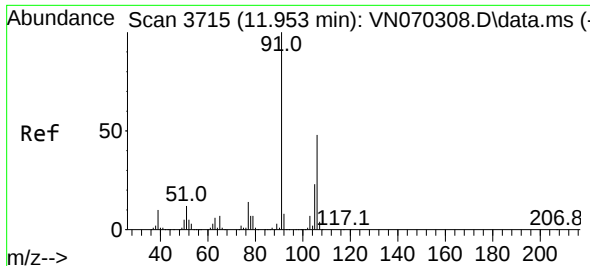
Tgt Ion: 95 Resp: 724797
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 72.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070526.D
Acq: 6 Jan 2022 18:08

Tgt Ion: 117 Resp: 1494233
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 32.4 25.4 38.2

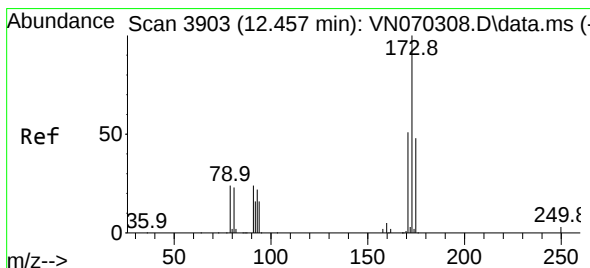
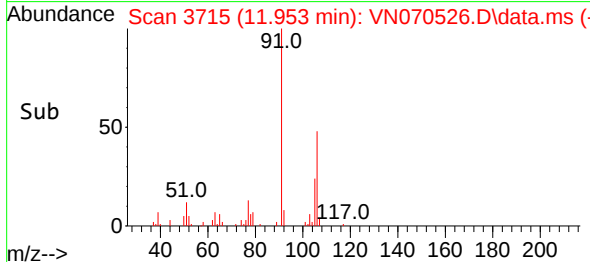
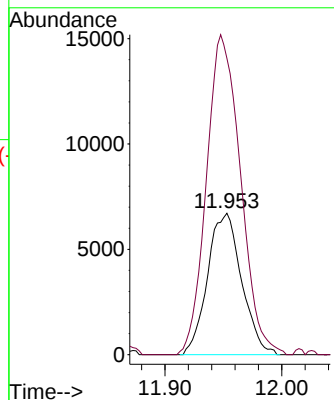
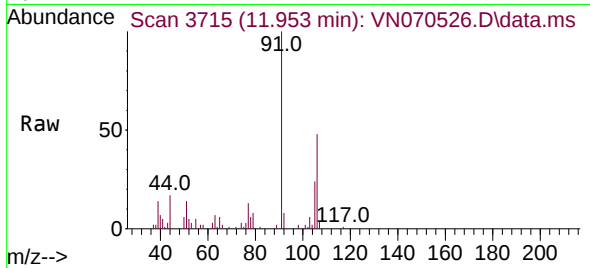




#68
m/p-Xylenes
Concen: 0.643 ug/l
RT: 11.953 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070526.D
Acq: 6 Jan 2022 18:08

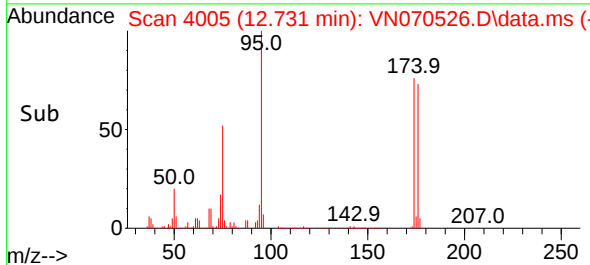
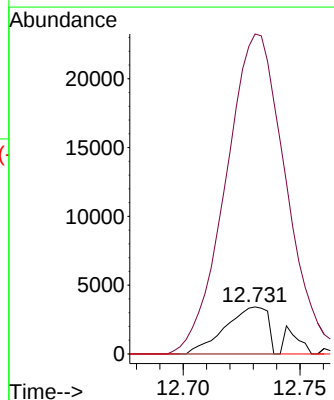
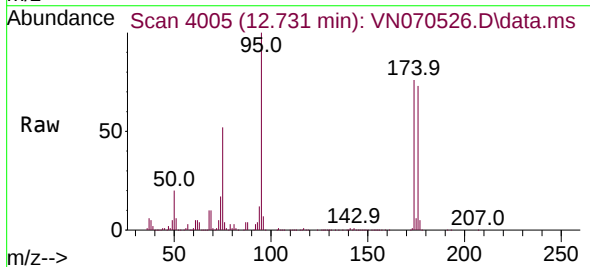
Instrument :
MSVOA_N
ClientSampleId :

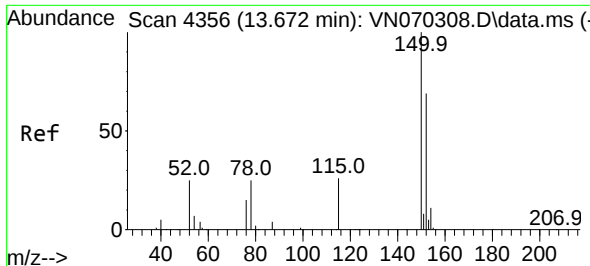
Tgt Ion:106 Resp: 13587
Ion Ratio Lower Upper
106 100
91 226.7 160.6 240.8



#71
Bromoform
Concen: 0.518 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.274 min
Lab File: VN070526.D
Acq: 6 Jan 2022 18:08

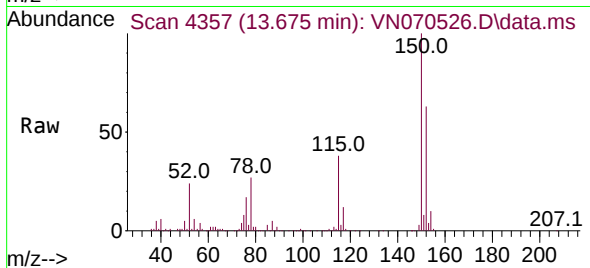
Tgt Ion:173 Resp: 4353
Ion Ratio Lower Upper
173 100
175 876.3 24.2 72.6#
254 0.0 0.0 0.0



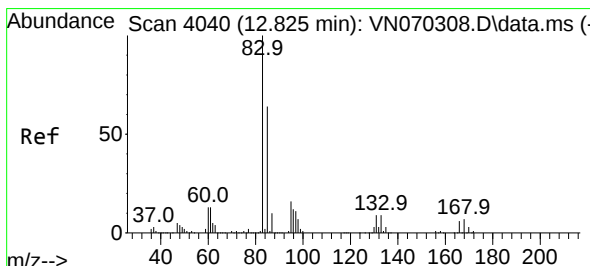
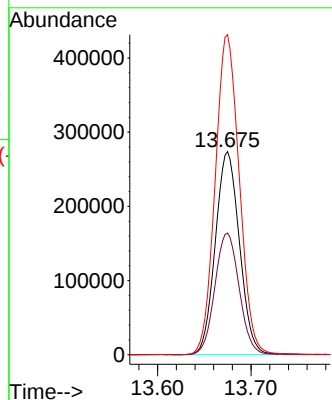
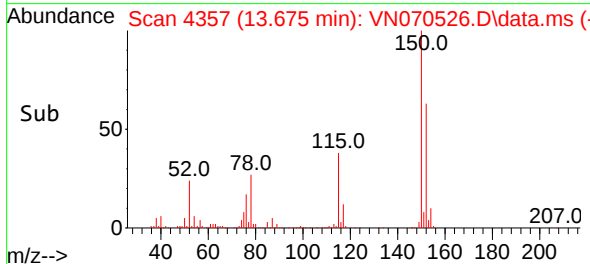


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070526.D
 Acq: 6 Jan 2022 18:08

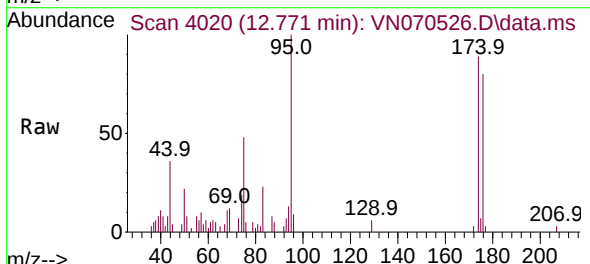
Instrument :
 MSVOA_N
 ClientSampleId :



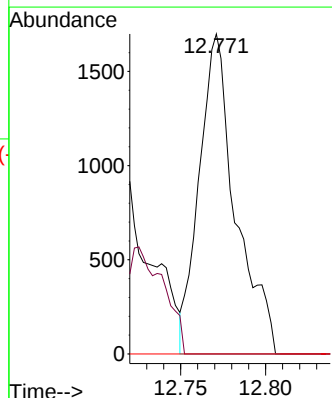
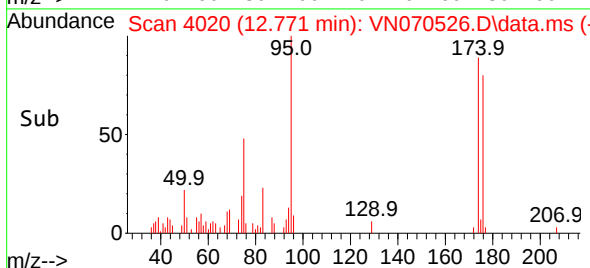
Tgt Ion:152 Resp: 491933
 Ion Ratio Lower Upper
 152 100
 115 60.3 27.5 82.5
 150 157.7 0.0 344.4

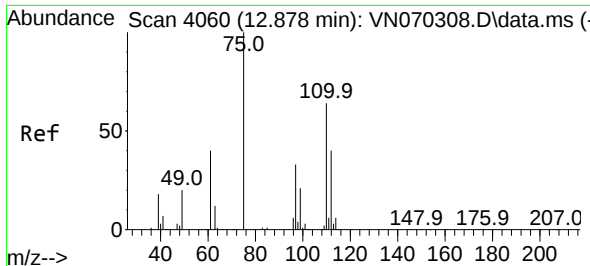


#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.598 ug/l
 RT: 12.771 min Scan# 4020
 Delta R.T. -0.054 min
 Lab File: VN070526.D
 Acq: 6 Jan 2022 18:08



Tgt Ion: 83 Resp: 2527
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 0.0 32.4 97.2#

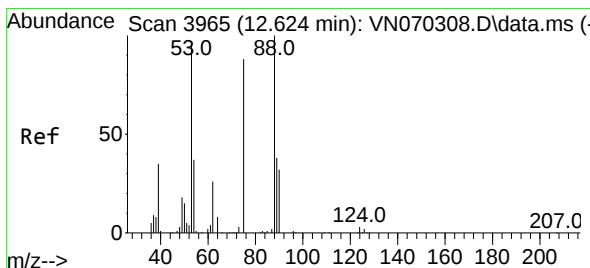
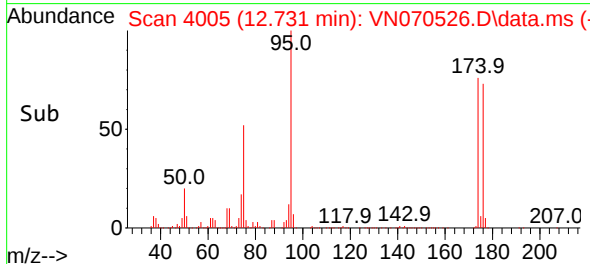
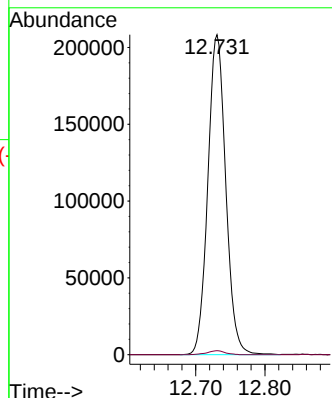
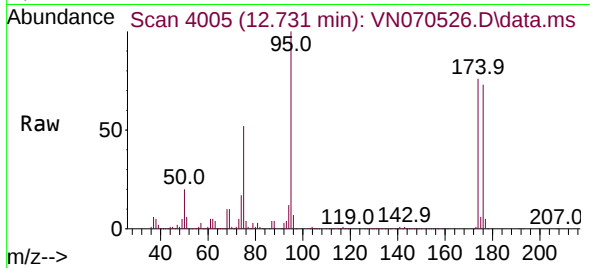




#76
1,2,3-Trichloropropane
Concen: 27.050 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070526.D
Acq: 6 Jan 2022 18:08

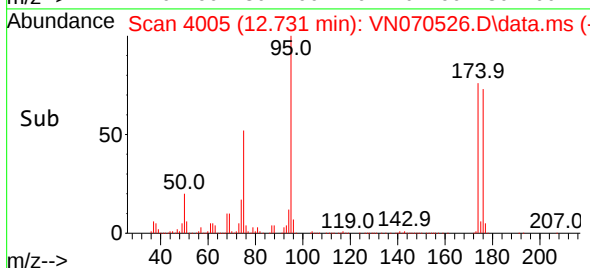
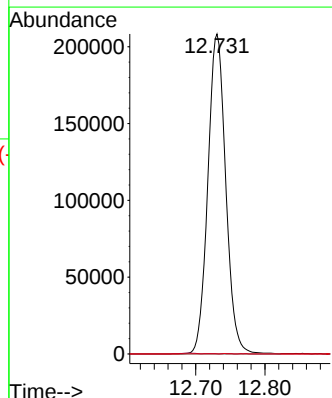
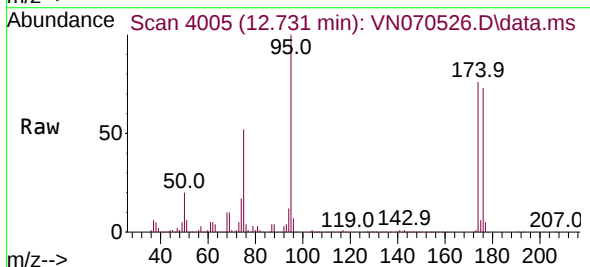
Instrument :
MSVOA_N
ClientSampleId :

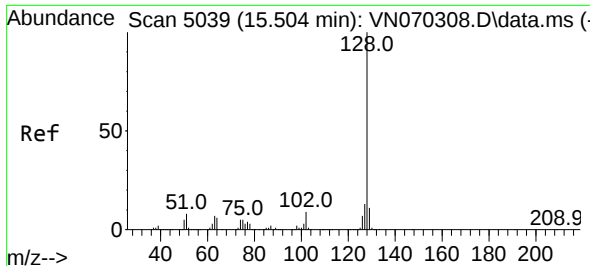
Tgt Ion: 75 Resp: 374619
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.041 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070526.D
Acq: 6 Jan 2022 18:08

Tgt Ion: 75 Resp: 374619
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

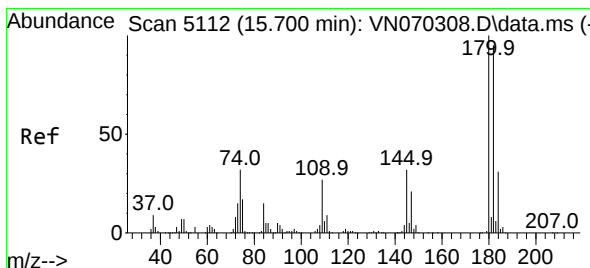
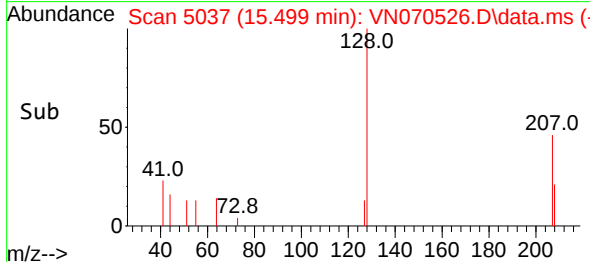
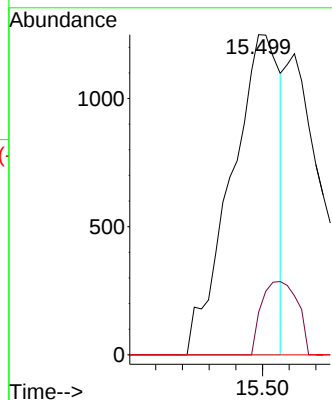
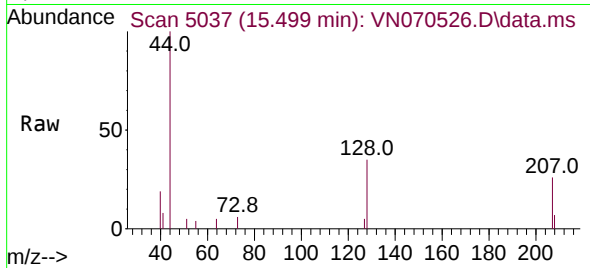




#95
Naphthalene
Concen: 1.865 ug/l
RT: 15.499 min Scan# 5039
Delta R.T. -0.005 min
Lab File: VN070526.D
Acq: 6 Jan 2022 18:08

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 1575
Ion Ratio Lower Upper
128 100
127 17.0 10.5 15.7#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.829 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.005 min
Lab File: VN070526.D
Acq: 6 Jan 2022 18:08

Tgt Ion:180 Resp: 25
Ion Ratio Lower Upper
180 100
182 360.0 47.4 142.2#
145 0.0 15.0 45.1#

