

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110322\
 Data File : VN075141.D
 Acq On : 03 Nov 2022 14:00
 Operator : JC\MD
 Sample : N5395-15RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-12-103122

Quant Time: Nov 04 04:10:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

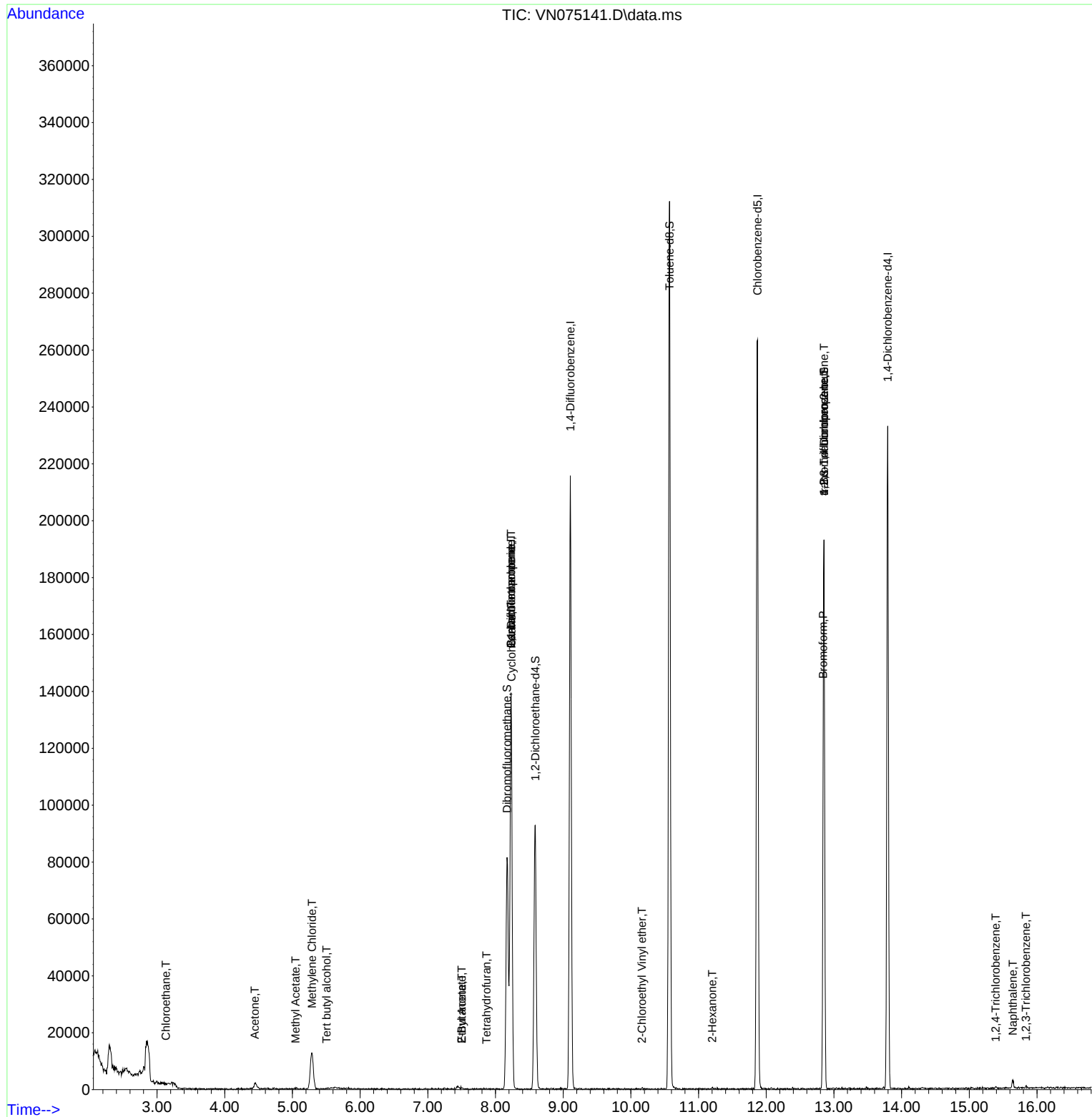
Internal Standards						
1) Pentafluorobenzene	8.230	168	94871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	183442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	152850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	60147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	75124	58.770	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.540%
35) Dibromofluoromethane	8.171	113	58213	54.056	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.120%
50) Toluene-d8	10.571	98	216950	51.926	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.860%
62) 4-Bromofluorobenzene	12.853	95	63974	43.589	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.180%
Target Compounds						
					Qvalue	
5) Bromomethane	2.924	94	68	Below Cal	#	5
6) Chloroethane	3.130	64	406	0.303	ug/l #	45
11) Tert butyl alcohol	5.506	59	61	0.205	ug/l #	72
16) Acetone	4.442	43	4025	7.436	ug/l #	81
18) Methyl Acetate	5.047	43	423	0.239	ug/l #	47
20) Methylene Chloride	5.289	84	10666	8.838	ug/l	89
25) 2-Butanone	7.500	43	1007	1.183	ug/l #	43
29) Tetrahydrofuran	7.865	42	117	0.213	ug/l #	26
31) Cyclohexane	8.236	56	2249	1.183	ug/l #	12
36) 1,1-Dichloropropene	8.230	75	8754	5.251	ug/l #	49
37) Ethyl Acetate	7.500	43	1007	0.551	ug/l #	66
38) Carbon Tetrachloride	8.230	117	10762	5.868	ug/l #	15
58) 2-Chloroethyl Vinyl ether	10.165	63	255	0.320	ug/l #	44
59) 2-Hexanone	11.200	43	411	0.296	ug/l #	46
71) Bromoform	12.841	173	252	0.278	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	36150	28.307	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	36150	72.663	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.388	180	334	0.375	ug/l #	69
95) Naphthalene	15.641	128	3837	1.120	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.835	180	269	0.304	ug/l #	27

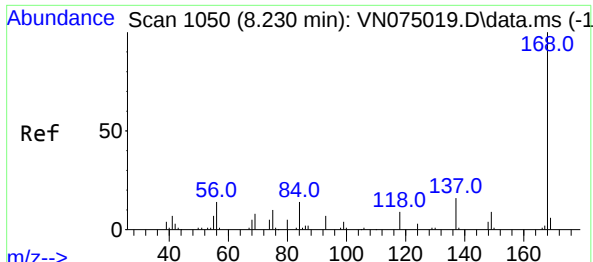
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
S-12-103122

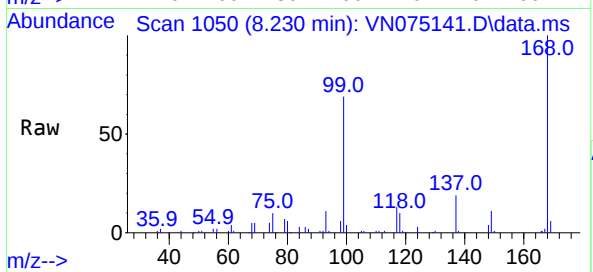
Quant Time: Nov 04 04:10:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
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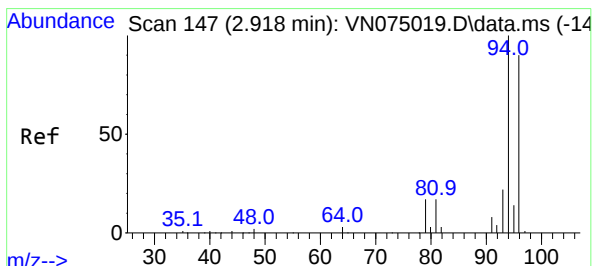
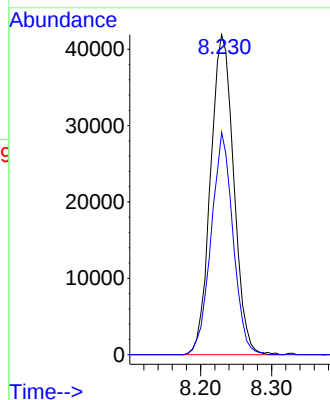
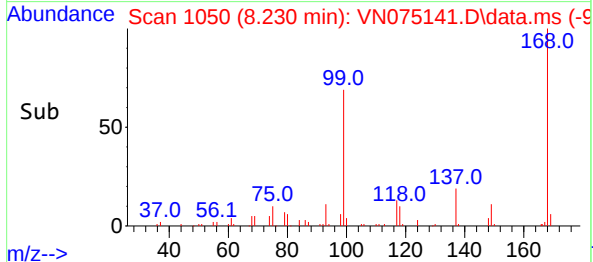


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
S-12-103122

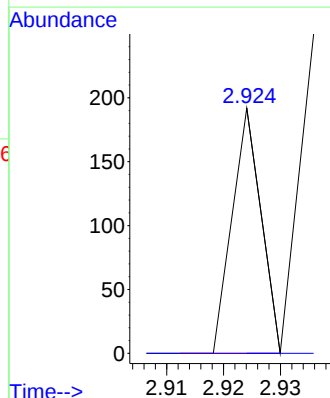
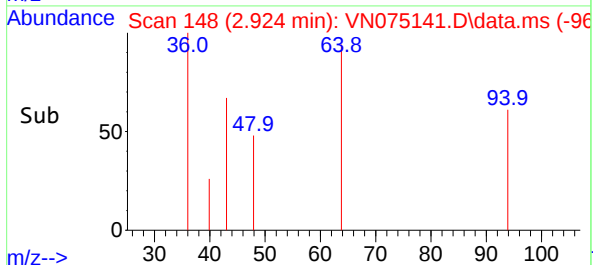
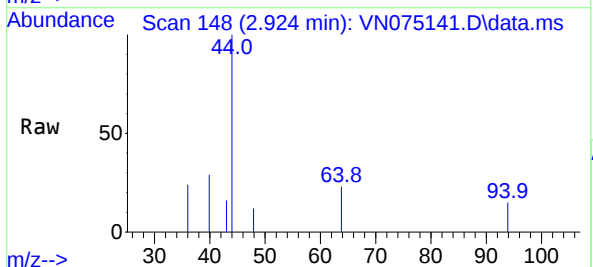


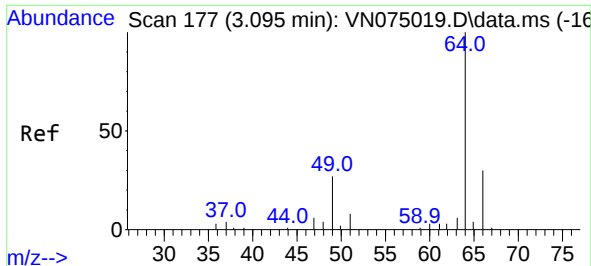
Tgt Ion:168 Resp: 94871
Ion Ratio Lower Upper
168 100
99 69.4 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.924 min Scan# 148
Delta R.T. 0.006 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

Tgt Ion: 94 Resp: 68
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

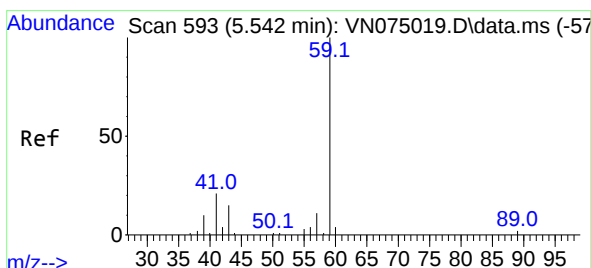
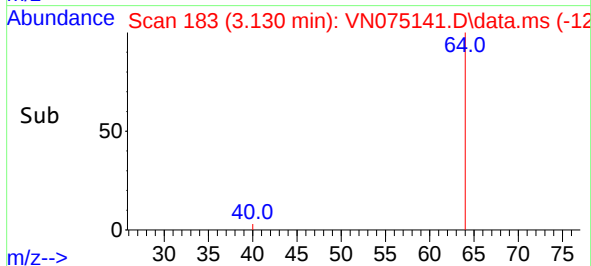
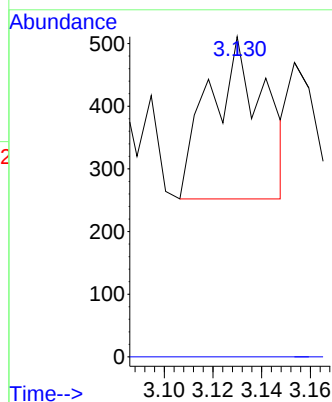
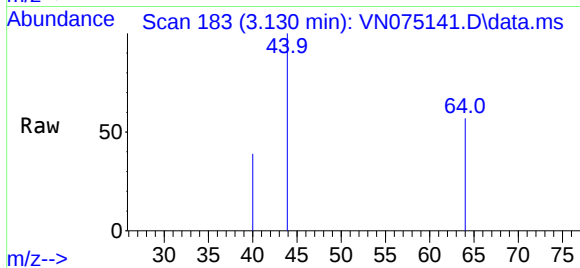




#6
Chloroethane
Concen: 0.303 ug/l
RT: 3.130 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

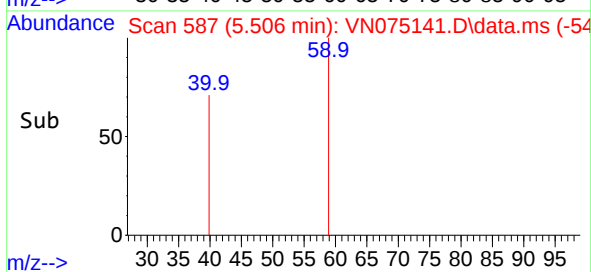
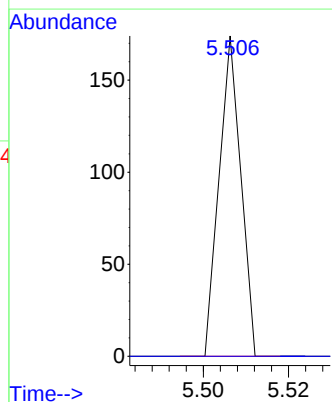
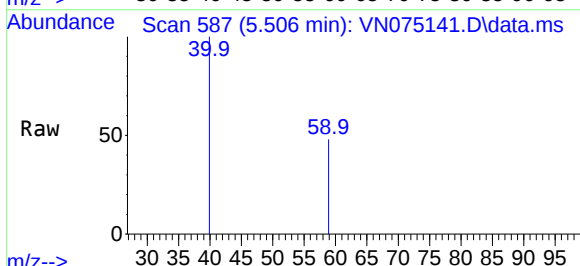
Instrument :
MSVOA_N
ClientSampleId :
S-12-103122

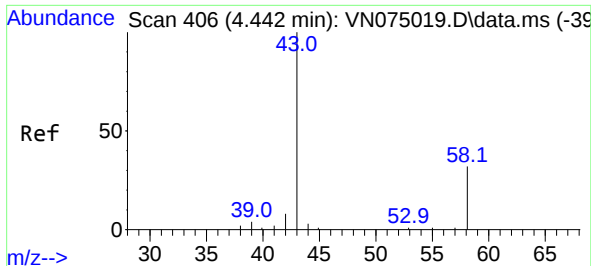
Tgt Ion: 64 Resp: 406
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 0.205 ug/l
RT: 5.506 min Scan# 587
Delta R.T. -0.036 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

Tgt Ion: 59 Resp: 61
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

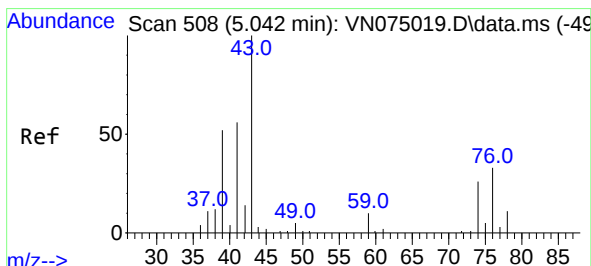
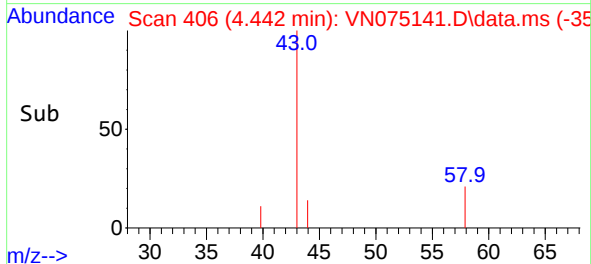
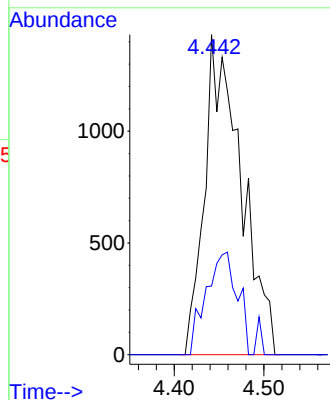
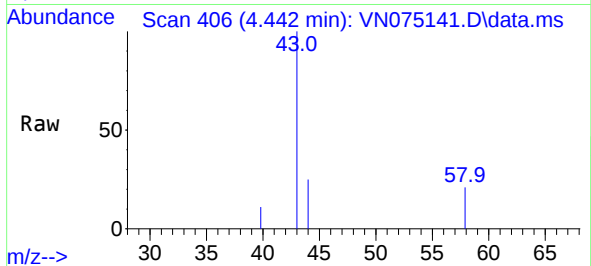




#16
Acetone
Concen: 7.436 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

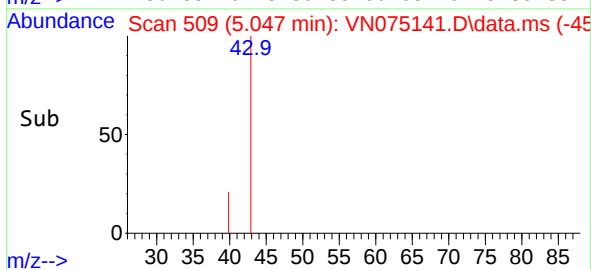
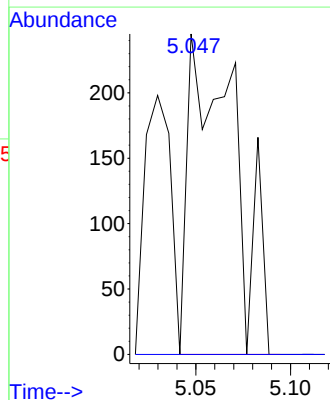
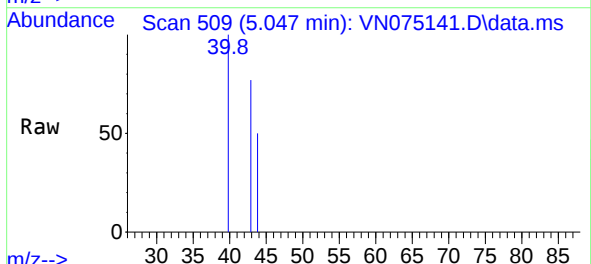
Instrument :
MSVOA_N
ClientSampleId :
S-12-103122

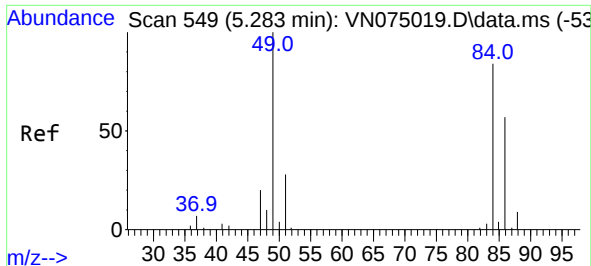
Tgt Ion: 43 Resp: 4025
Ion Ratio Lower Upper
43 100
58 21.4 25.5 38.3#



#18
Methyl Acetate
Concen: 0.239 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.005 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

Tgt Ion: 43 Resp: 423
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



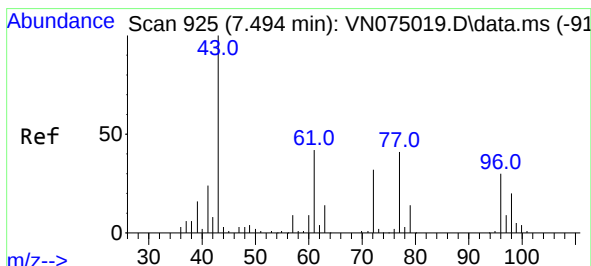
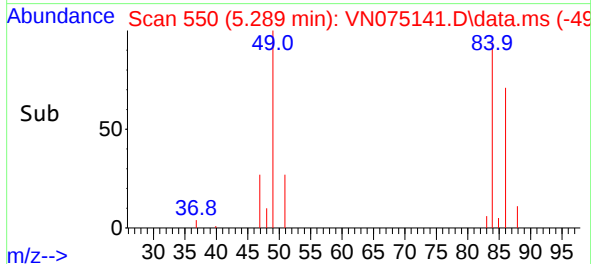
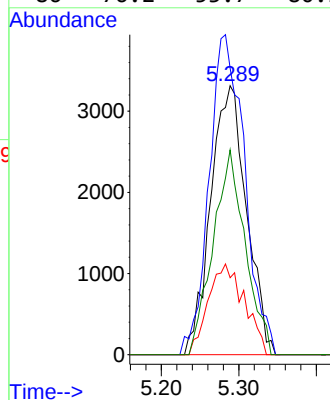
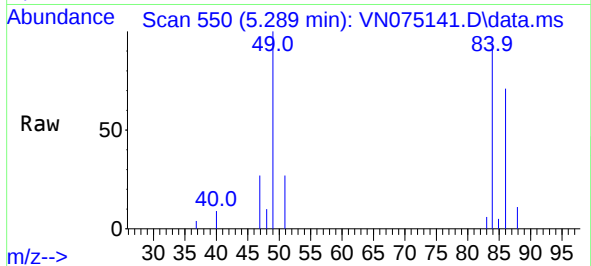


#20
Methylene Chloride
Concen: 8.838 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
S-12-103122

Tgt Ion: 84 Resp: 10666

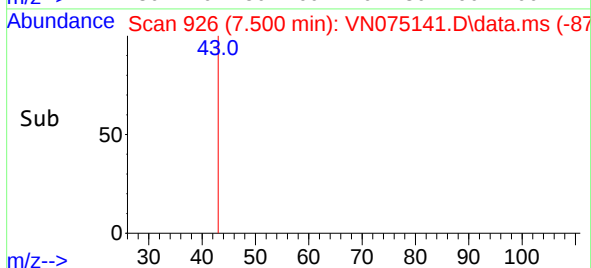
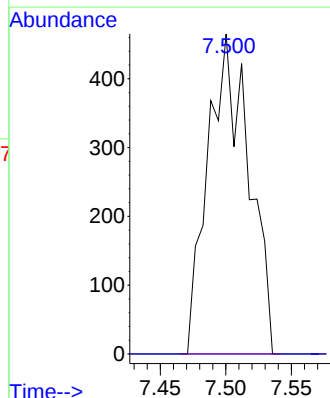
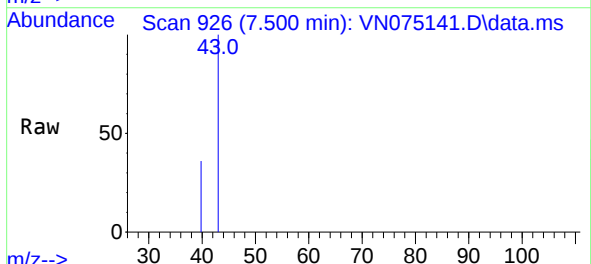
Ion	Ratio	Lower	Upper
84	100		
49	106.6	94.9	142.3
51	28.6	26.8	40.2
86	76.2	53.7	80.5

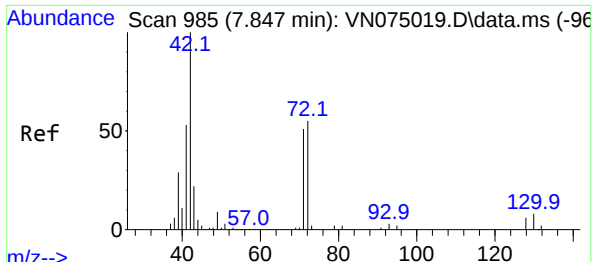


#25
2-Butanone
Concen: 1.183 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

Tgt Ion: 43 Resp: 1007

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.5	38.3#

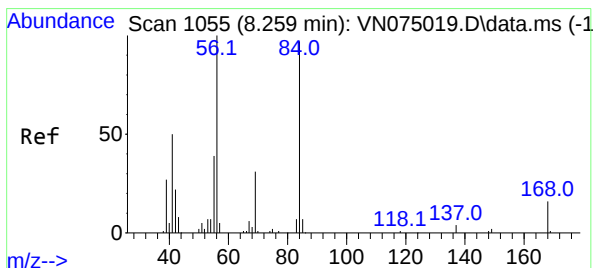
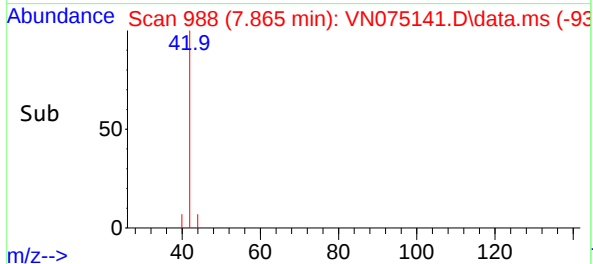
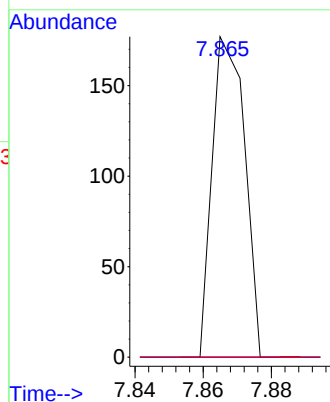
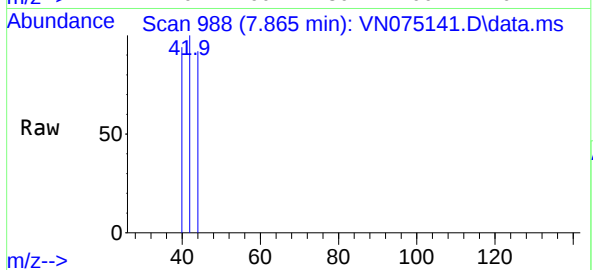




#29
Tetrahydrofuran
Concen: 0.213 ug/l
RT: 7.865 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

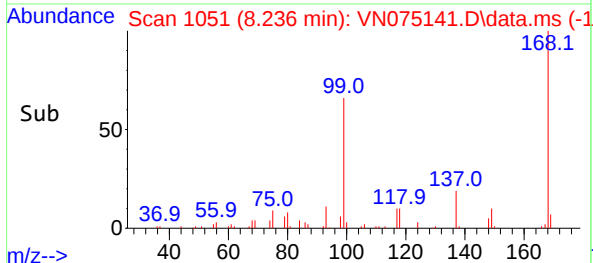
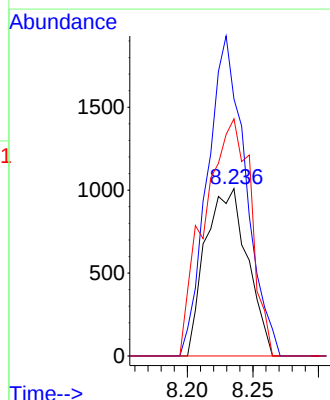
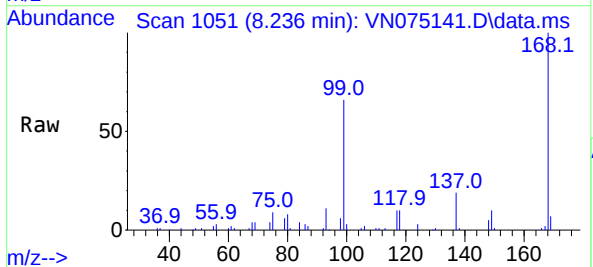
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MSVOA_N
ClientSampleId :
S-12-103122

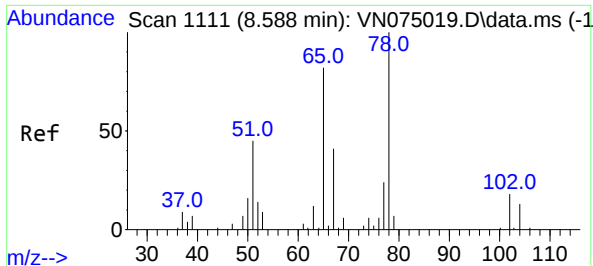
Tgt Ion: 42 Resp: 117
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.6#
71 0.0 39.9 59.9#



#31
Cyclohexane
Concen: 1.183 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.024 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

Tgt Ion: 56 Resp: 2249
Ion Ratio Lower Upper
56 100
69 153.6 25.2 37.8#
84 141.7 77.8 116.8#





#33

1,2-Dichloroethane-d4

Concen: 58.770 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN075141.D

Acq: 03 Nov 2022 14:00

Instrument :

MSVOA_N

ClientSampleId :

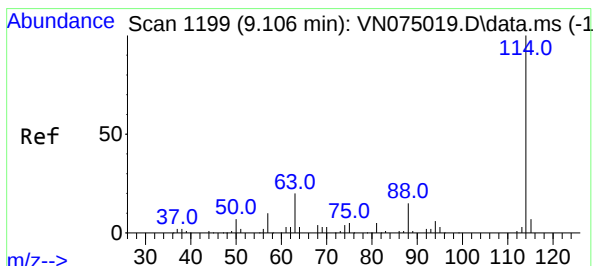
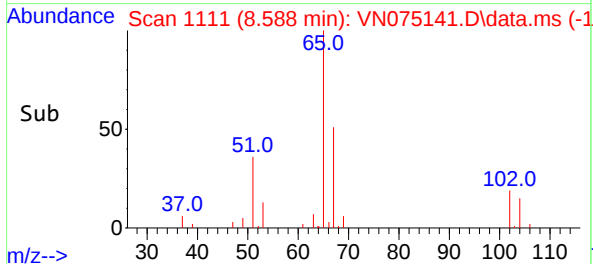
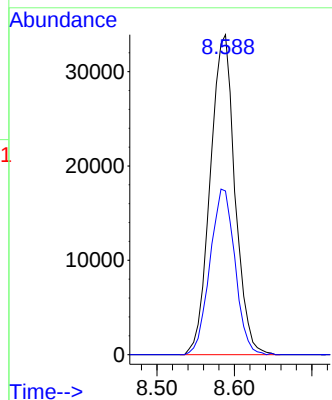
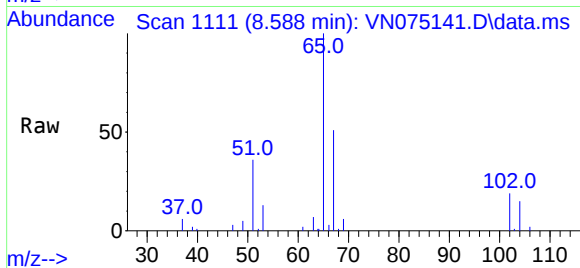
S-12-103122

Tgt Ion: 65 Resp: 75124

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075141.D

Acq: 03 Nov 2022 14:00

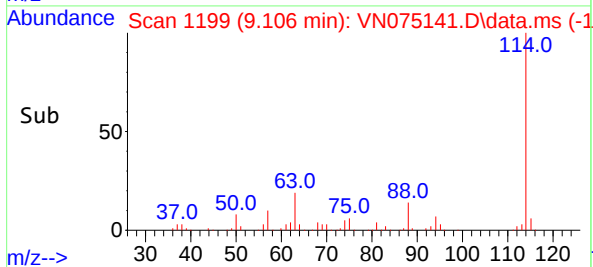
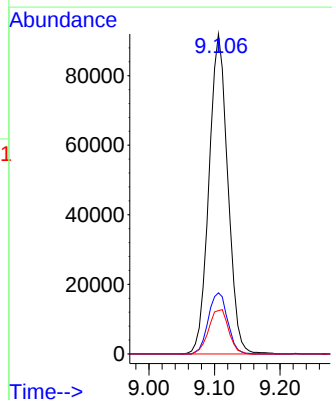
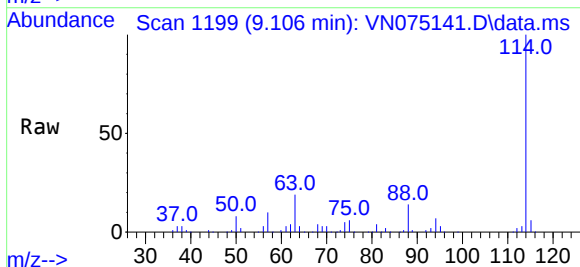
Tgt Ion: 114 Resp: 183442

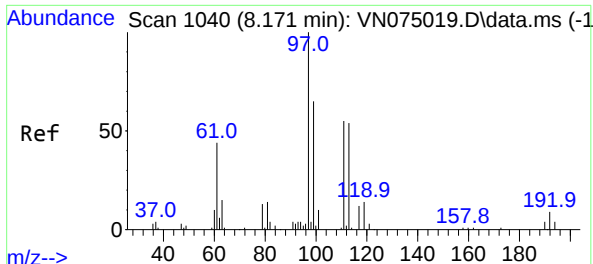
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

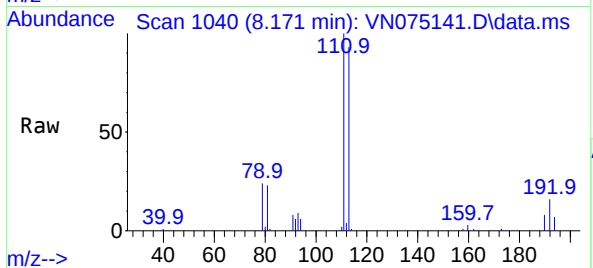
88 13.6 0.0 29.0



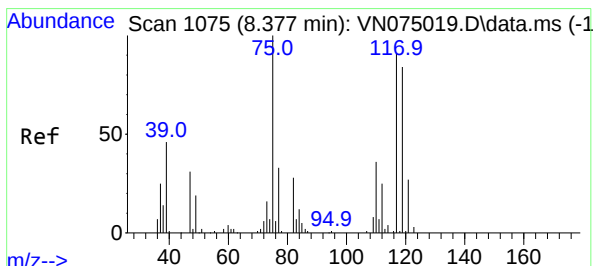
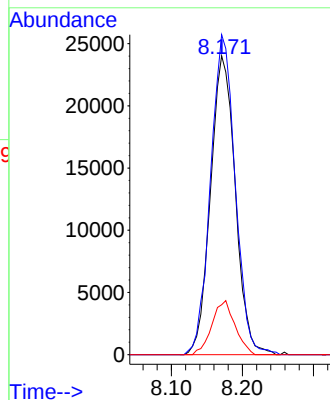
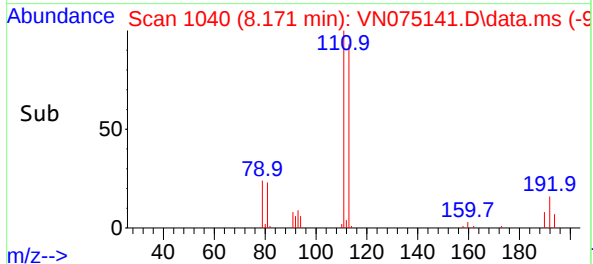


#35
Dibromofluoromethane
Concen: 54.056 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

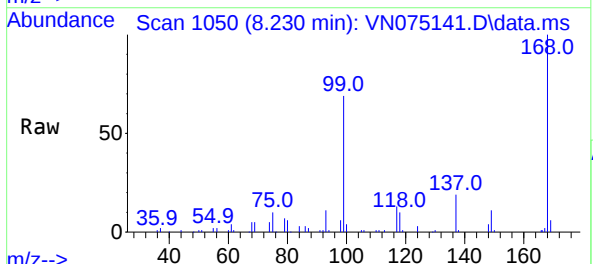
Instrument :
MSVOA_N
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S-12-103122



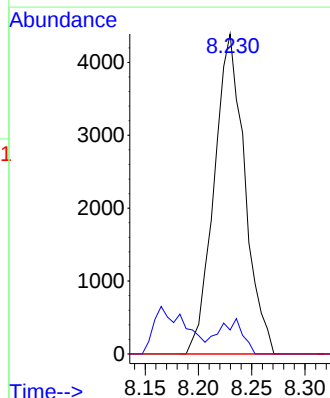
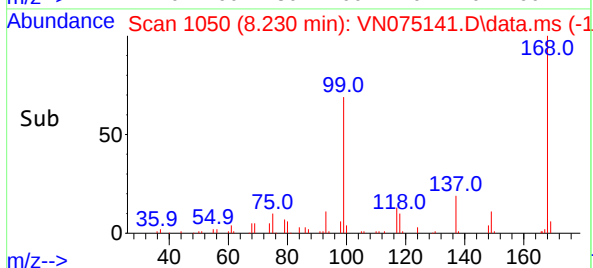
Tgt Ion:113 Resp: 58213
Ion Ratio Lower Upper
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111 106.3 80.5 120.7
192 16.9 13.2 19.8

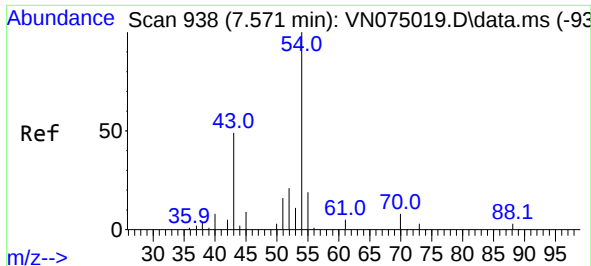


#36
1,1-Dichloropropene
Concen: 5.251 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00



Tgt Ion: 75 Resp: 8754
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.3#
77 0.0 24.6 37.0#

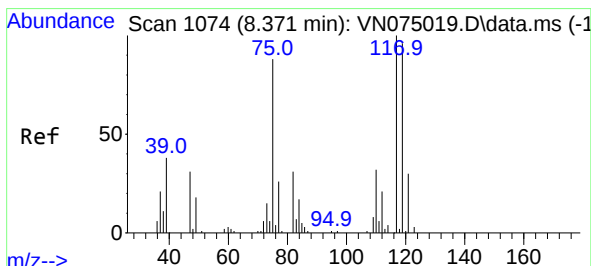
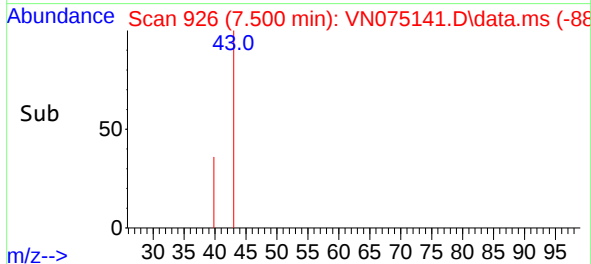
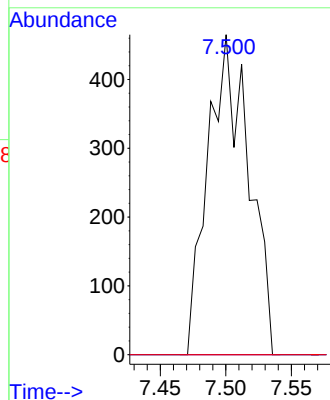
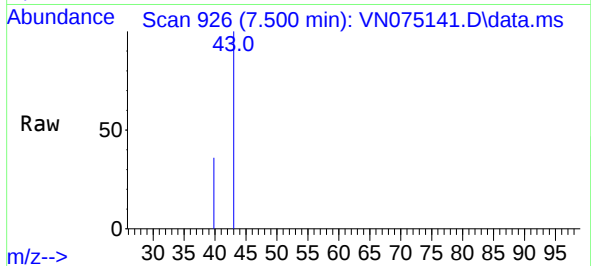




#37
Ethyl Acetate
Concen: 0.551 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.071 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

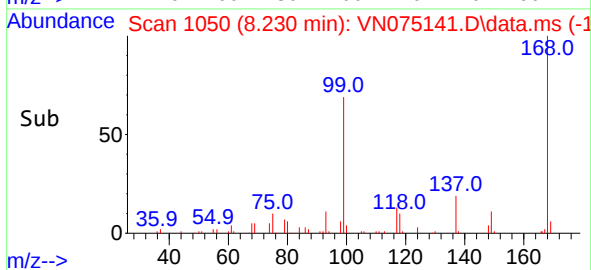
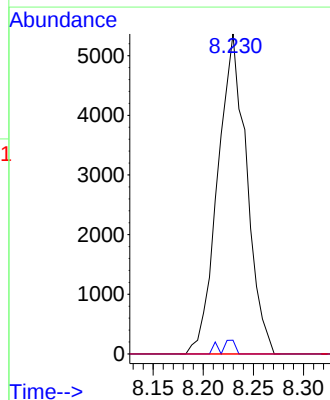
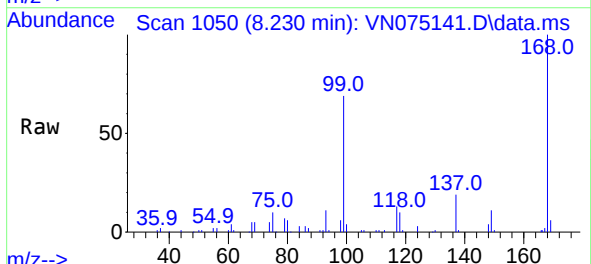
Instrument :
MSVOA_N
ClientSampleId :
S-12-103122

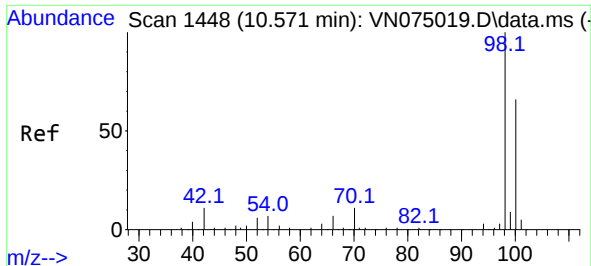
Tgt Ion:	43	Resp:	1007
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	9.4	14.2#



#38
Carbon Tetrachloride
Concen: 5.868 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.141 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

Tgt Ion:	117	Resp:	10762
Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.7	115.1#
121	0.0	23.9	35.9#

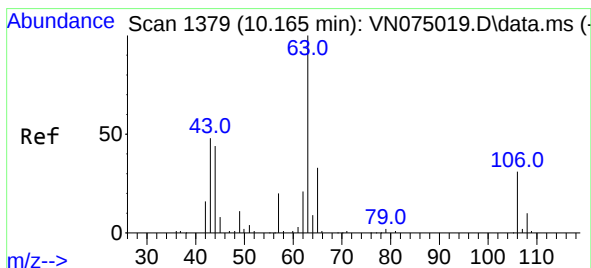
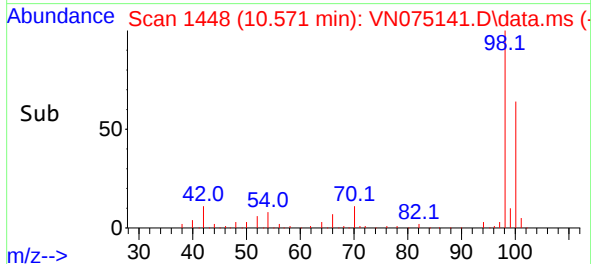
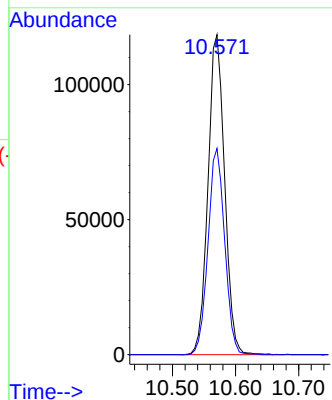
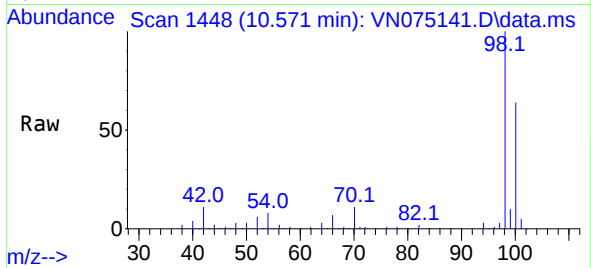




#50
Toluene-d8
Concen: 51.926 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

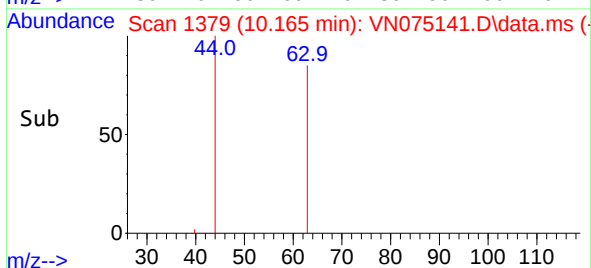
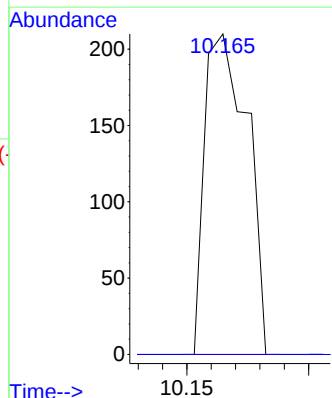
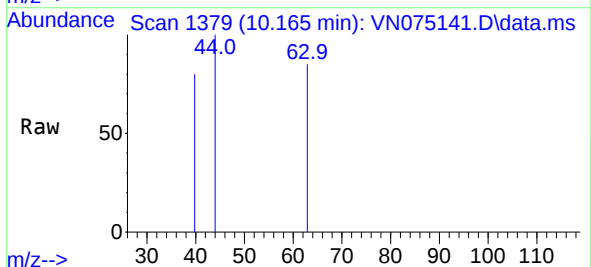
Instrument :
MSVOA_N
ClientSampleId :
S-12-103122

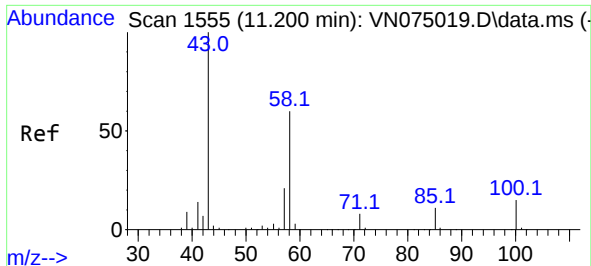
Tgt Ion: 98 Resp: 216950
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.6



#58
2-Chloroethyl Vinyl ether
Concen: 0.320 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

Tgt Ion: 63 Resp: 255
Ion Ratio Lower Upper
63 100
106 0.0 24.8 37.2#

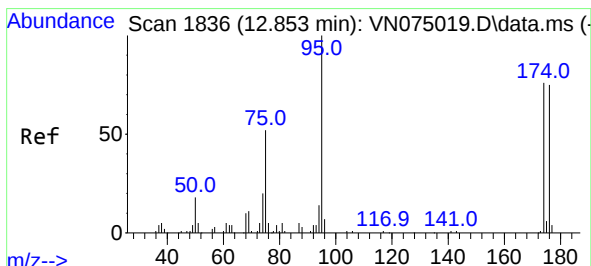
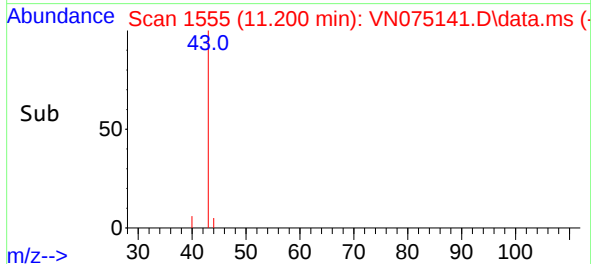
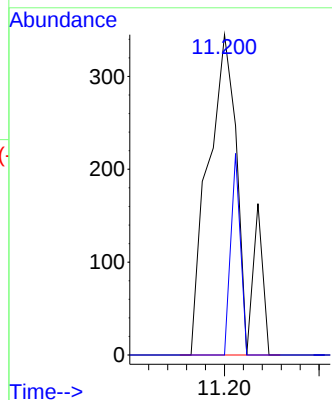
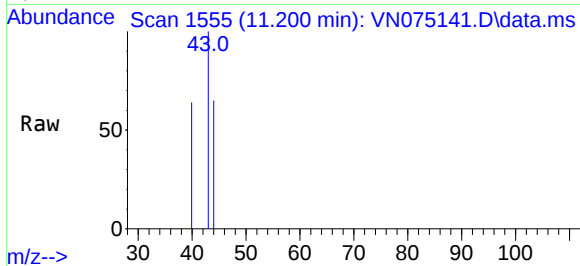




#59
2-Hexanone
Concen: 0.296 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

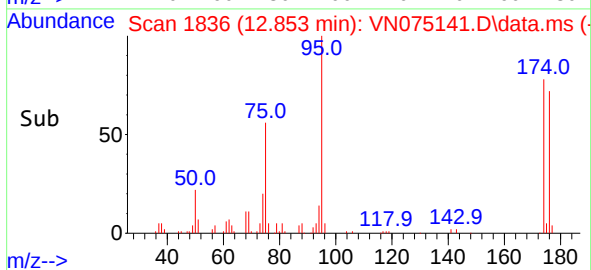
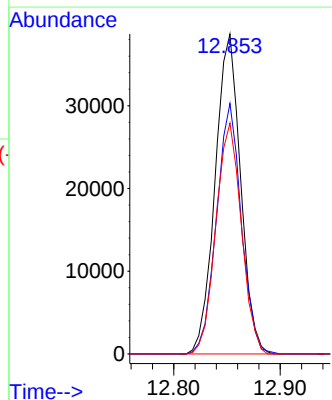
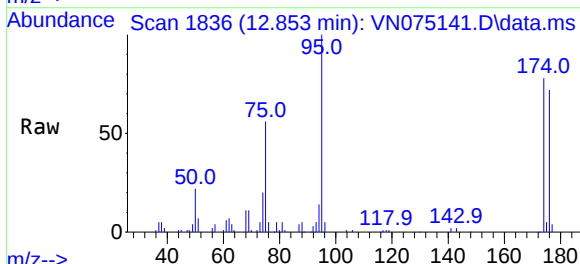
Instrument :
MSVOA_N
ClientSampleId :
S-12-103122

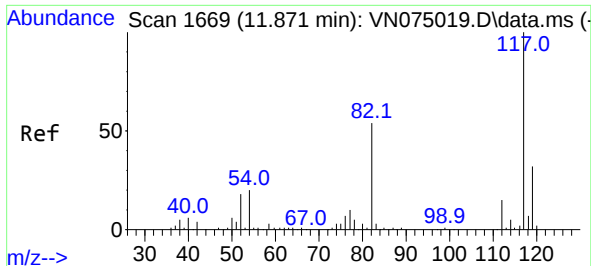
Tgt Ion: 43 Resp: 411
Ion Ratio Lower Upper
43 100
58 18.7 29.6 88.8#



#62
4-Bromofluorobenzene
Concen: 43.589 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

Tgt Ion: 95 Resp: 63974
Ion Ratio Lower Upper
95 100
174 76.6 0.0 147.4
176 72.2 0.0 142.2

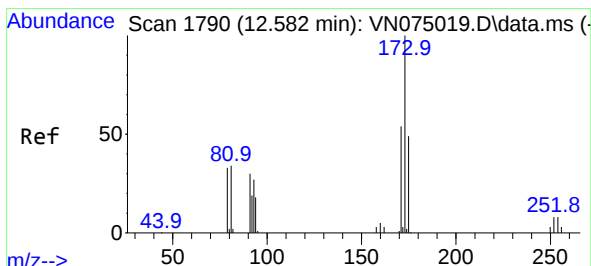
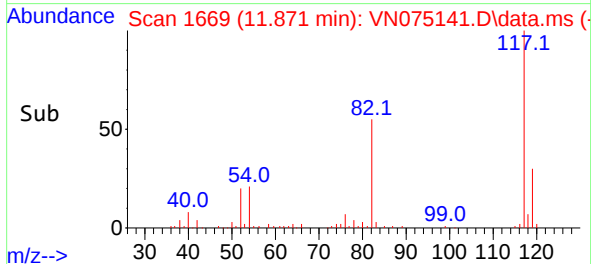
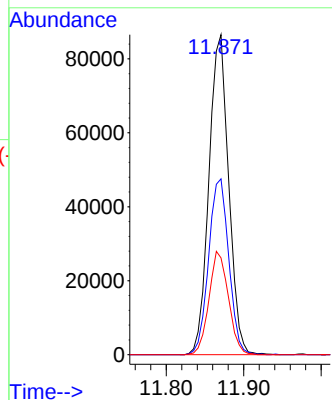
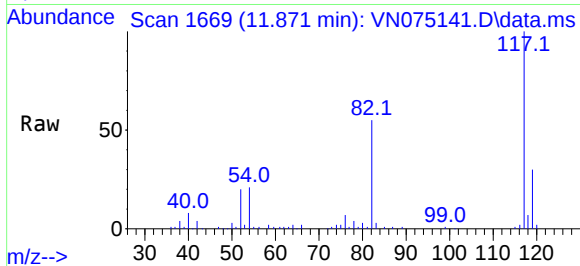




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

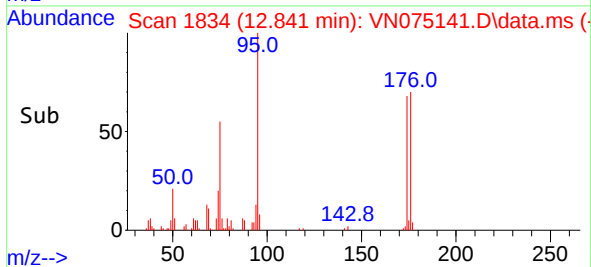
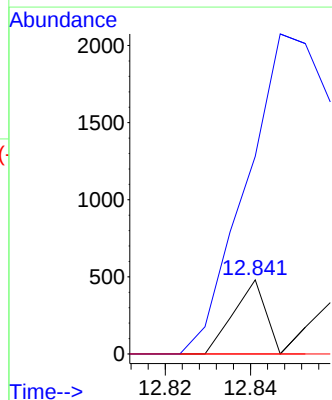
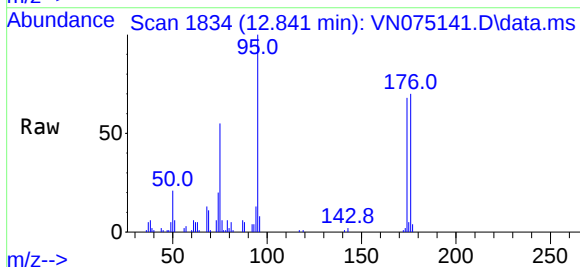
Instrument :
MSVOA_N
ClientSampleId :
S-12-103122

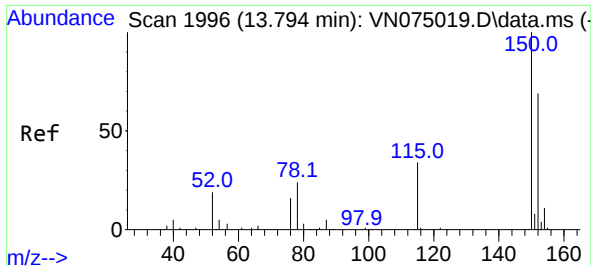
Tgt Ion:117 Resp: 152850
Ion Ratio Lower Upper
117 100
82 54.9 43.1 64.7
119 30.2 25.5 38.3



#71
Bromoform
Concen: 0.278 ug/l
RT: 12.841 min Scan# 1834
Delta R.T. 0.259 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

Tgt Ion:173 Resp: 252
Ion Ratio Lower Upper
173 100
175 1116.3 24.6 74.0#
254 0.0 0.0 0.0

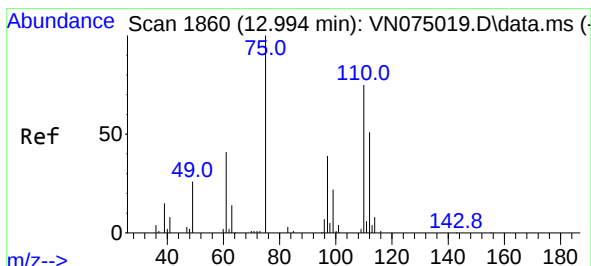
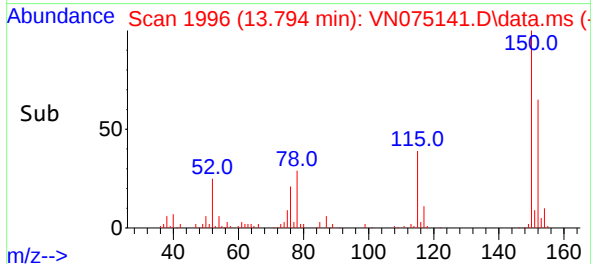
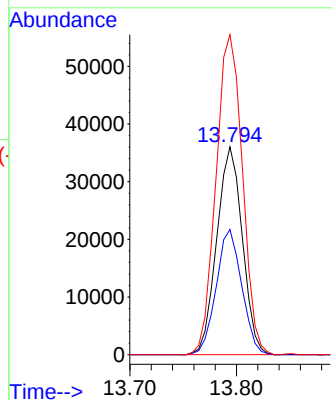
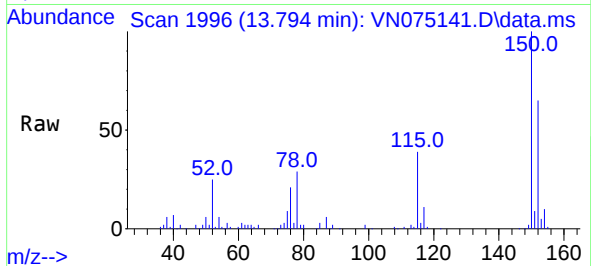




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

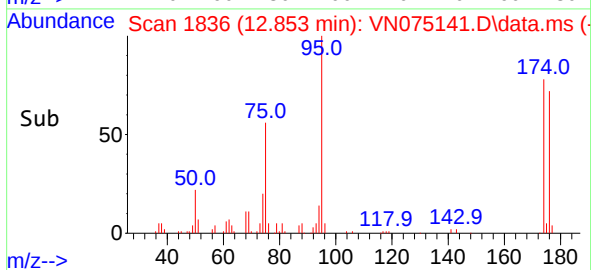
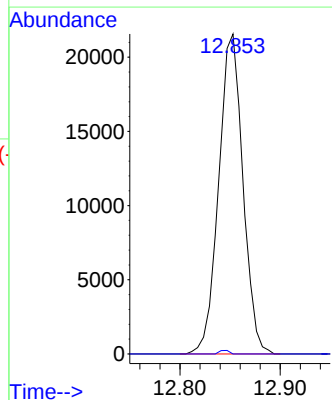
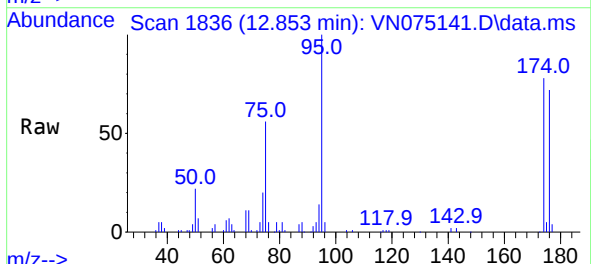
Instrument :
MSVOA_N
ClientSampleId :
S-12-103122

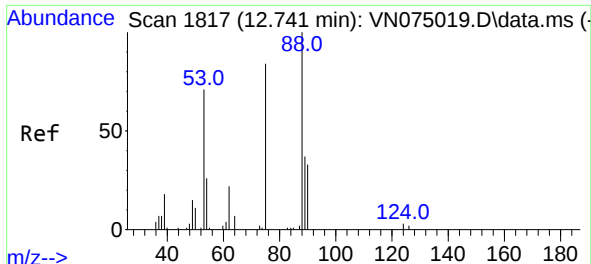
Tgt Ion:152 Resp: 60147
Ion Ratio Lower Upper
152 100
115 60.0 30.2 90.6
150 158.9 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 28.307 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

Tgt Ion: 75 Resp: 36150
Ion Ratio Lower Upper
75 100
77 0.5 75.6 226.8#

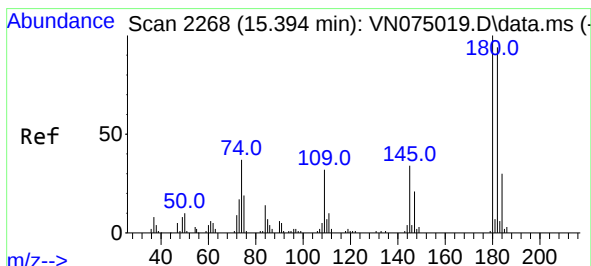
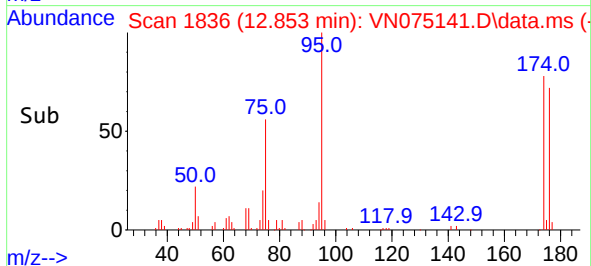
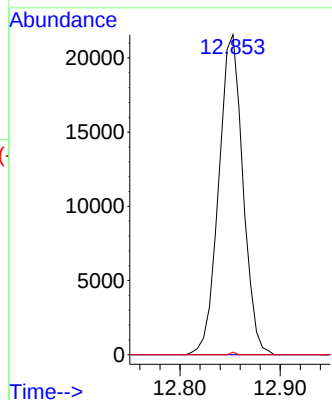
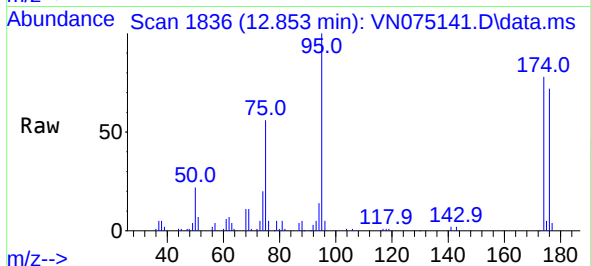




#81
trans-1,4-Dichloro-2-butene
Concen: 72.663 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

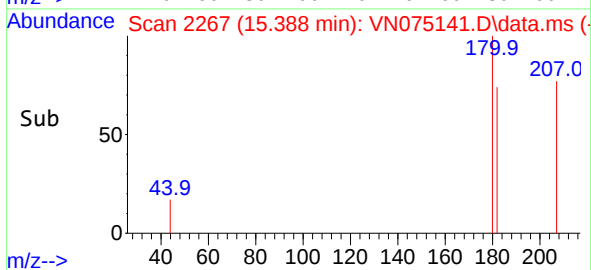
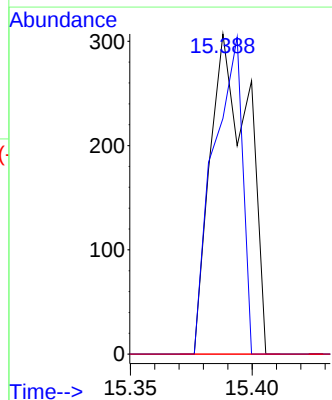
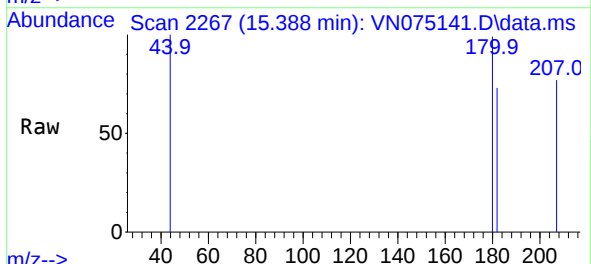
Instrument :
MSVOA_N
ClientSampleId :
S-12-103122

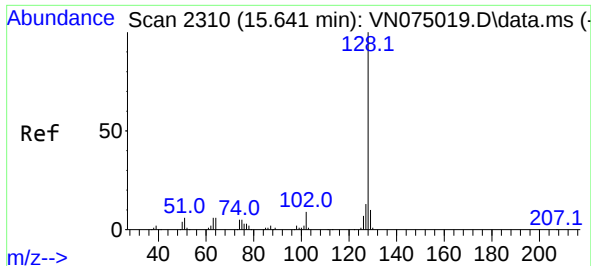
Tgt Ion: 75 Resp: 36150
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.2 37.7 56.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.375 ug/l
RT: 15.388 min Scan# 2267
Delta R.T. -0.006 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

Tgt Ion:180 Resp: 334
Ion Ratio Lower Upper
180 100
182 75.4 47.8 143.4
145 0.0 16.8 50.3#

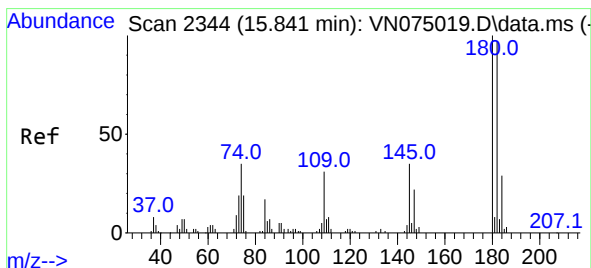
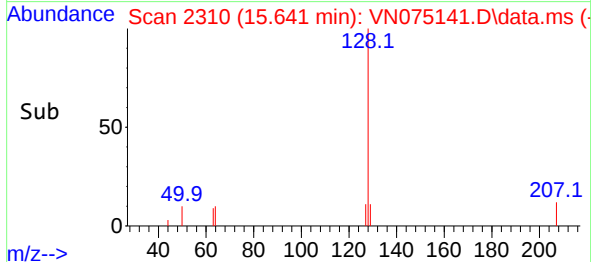
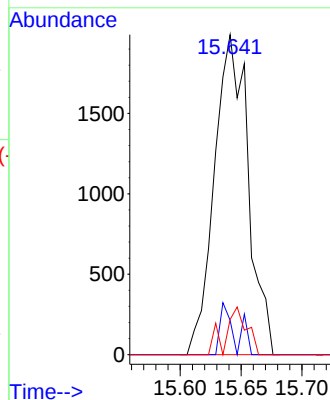
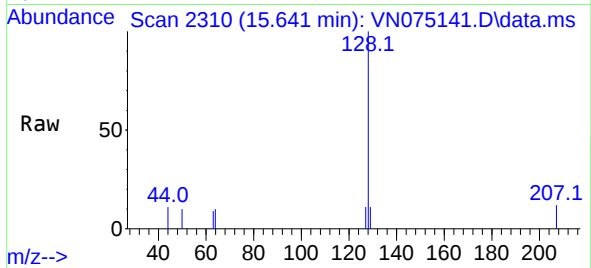




#95
Naphthalene
Concen: 1.120 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 3837
Ion Ratio Lower Upper
128 100
127 5.0 10.4 15.6#
129 9.5 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 0.304 ug/l
RT: 15.835 min Scan# 2343
Delta R.T. -0.006 min
Lab File: VN075141.D
Acq: 03 Nov 2022 14:00

Tgt Ion:180 Resp: 269
Ion Ratio Lower Upper
180 100
182 182.9 47.3 141.8#
145 22.3 17.6 52.9

