

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082124\
 Data File : VN083419.D
 Acq On : 21 Aug 2024 19:31
 Operator : JC\MD
 Sample : P3685-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 22 01:50:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

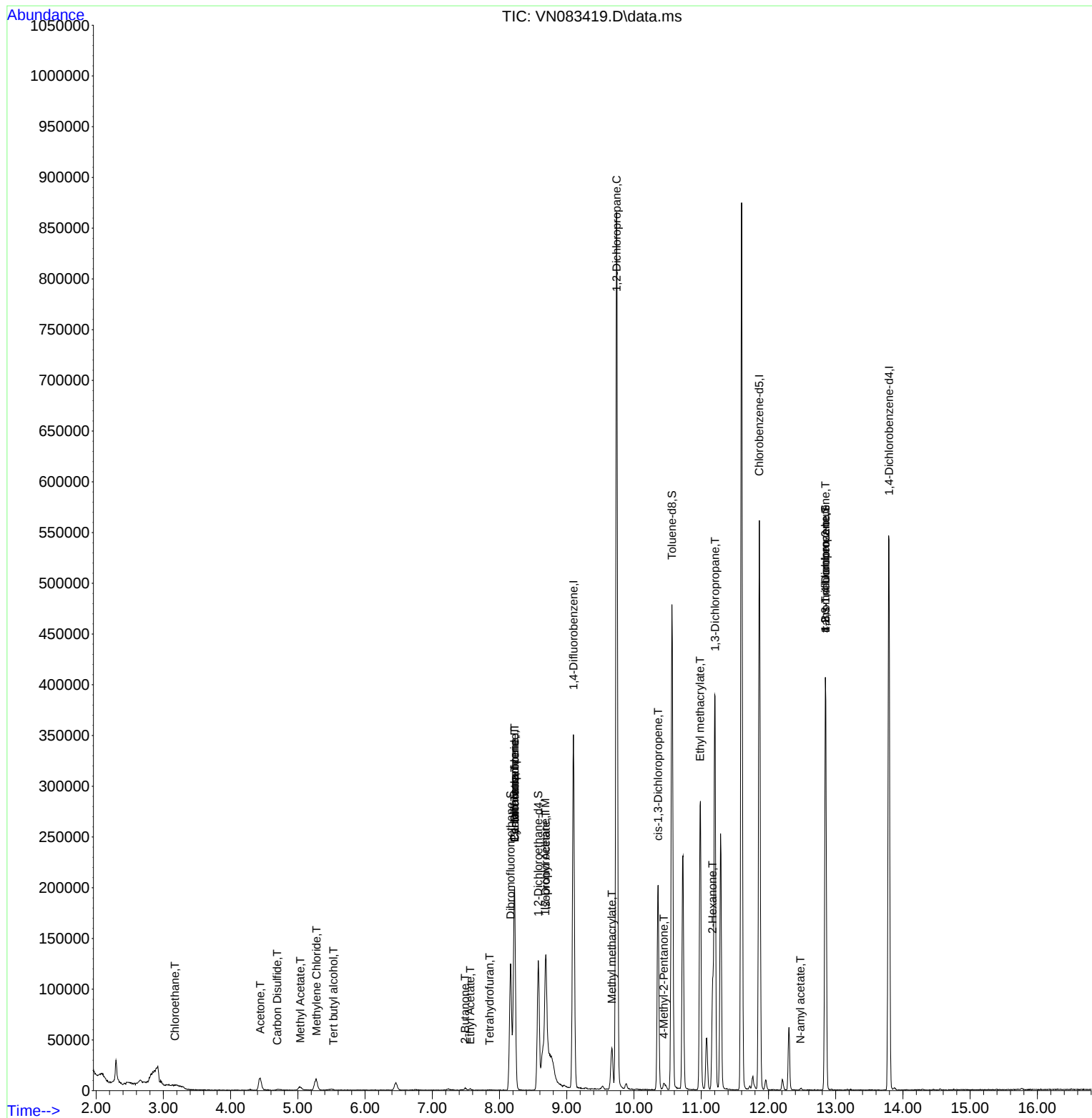
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	137767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	307896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110197	56.196	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.400%
35) Dibromofluoromethane	8.165	113	86686	48.283	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.560%
50) Toluene-d8	10.565	98	322957	48.223	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.440%
62) 4-Bromofluorobenzene	12.847	95	144496	55.342	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.680%
Target Compounds						Qvalue
6) Chloroethane	3.171	64	3030	2.967	ug/l #	41
11) Tert butyl alcohol	5.530	59	125	0.307	ug/l #	71
16) Acetone	4.442	43	24009	31.290	ug/l	97
17) Carbon Disulfide	4.695	76	2020	0.452	ug/l #	75
18) Methyl Acetate	5.036	43	7246	3.169	ug/l	99
20) Methylene Chloride	5.277	84	8133	4.605	ug/l #	79
25) 2-Butanone	7.489	43	3534	3.000	ug/l #	88
29) Tetrahydrofuran	7.853	42	337	0.442	ug/l #	38
31) Cyclohexane	8.224	56	3628	1.248	ug/l #	49
36) 1,1-Dichloropropene	8.224	75	12556	4.623	ug/l #	52
37) Ethyl Acetate	7.565	43	2329	0.766	ug/l #	72
38) Carbon Tetrachloride	8.224	117	16173	5.287	ug/l #	16
42) 1,2-Dichloroethane	8.683	62	658	0.223	ug/l #	78
43) Isopropyl Acetate	8.688	43	271024	51.491	ug/l #	76
45) 1,2-Dichloropropane	9.741	63	1111	0.578	ug/l #	44
48) Methyl methacrylate	9.671	41	2698	1.073	ug/l #	52
51) 4-Methyl-2-Pentanone	10.447	43	4066	1.414	ug/l	92
54) cis-1,3-Dichloropropene	10.359	75	37002	10.972	ug/l #	53
56) Ethyl methacrylate	10.982	69	1028	0.298	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	4123	1.263	ug/l #	43
59) 2-Hexanone	11.171	43	88198	39.645	ug/l #	28
74) N-amyl acetate	12.476	43	1445	0.242	ug/l #	46
76) 1,2,3-Trichloropropane	12.847	75	79033	24.704	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	79033	53.737	ug/l #	6

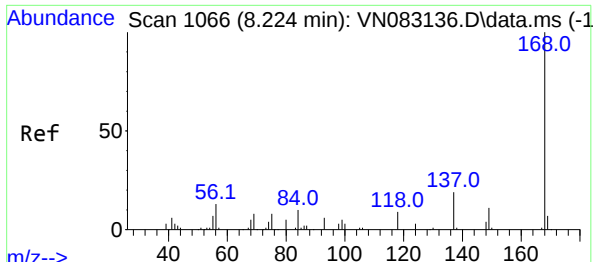
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN083419.D
Acq On : 21 Aug 2024 19:31
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Sample : P3685-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

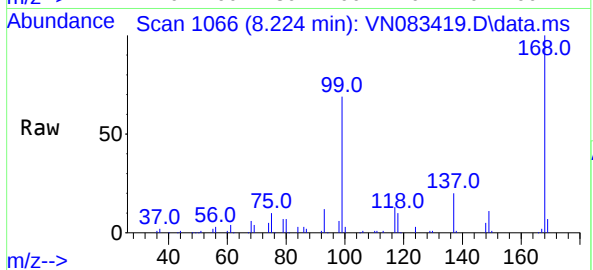
Quant Time: Aug 22 01:50:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
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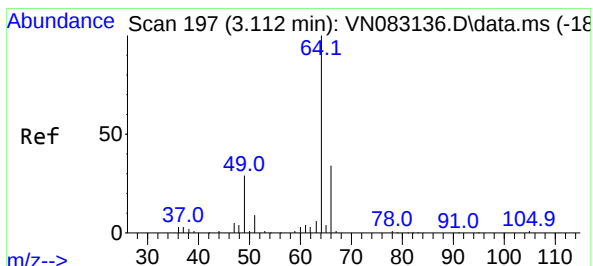
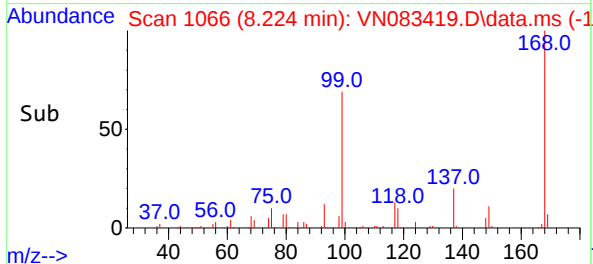
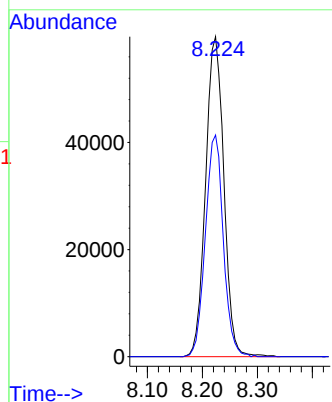


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

Instrument :
MSVOA_N
ClientSampleId :

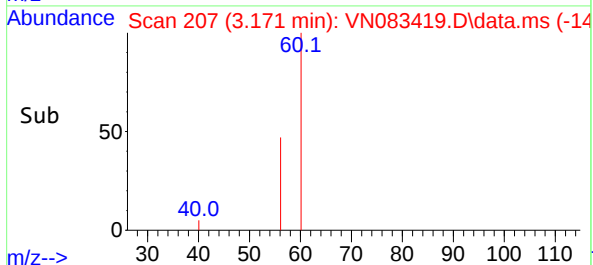
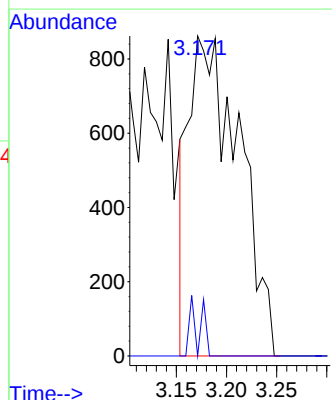
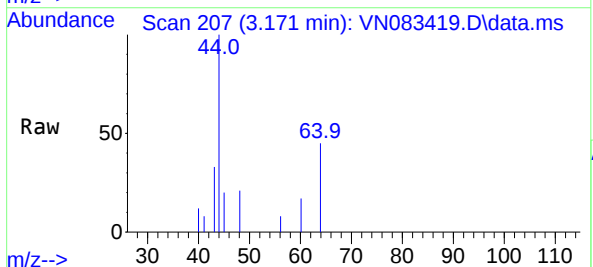


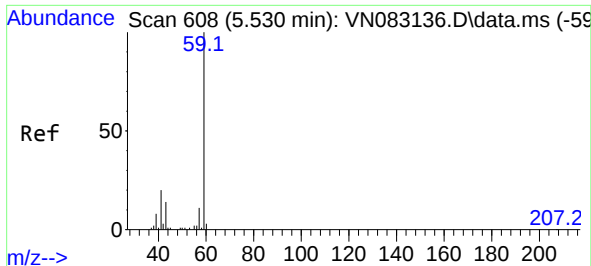
Tgt Ion:168 Resp: 137767
Ion Ratio Lower Upper
168 100
99 69.2 48.2 72.4



#6
Chloroethane
Concen: 2.967 ug/l
RT: 3.171 min Scan# 207
Delta R.T. 0.059 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

Tgt Ion: 64 Resp: 3030
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#

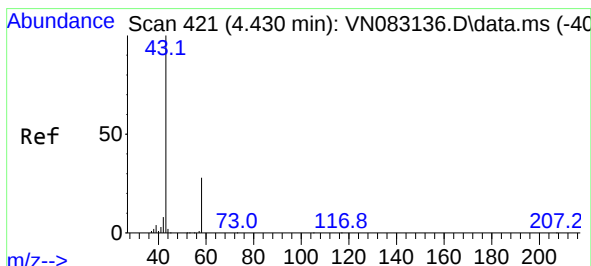
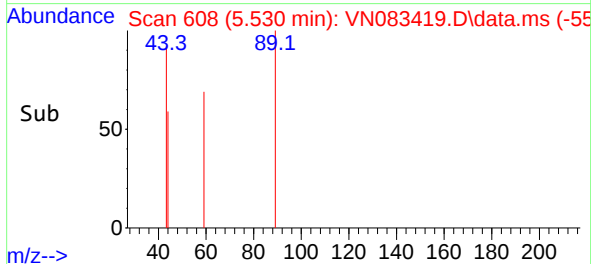
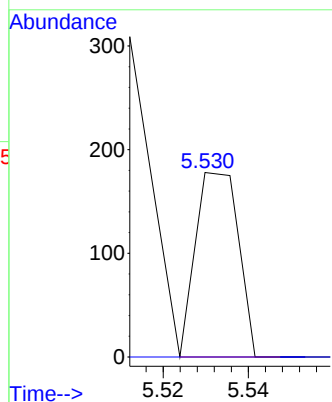
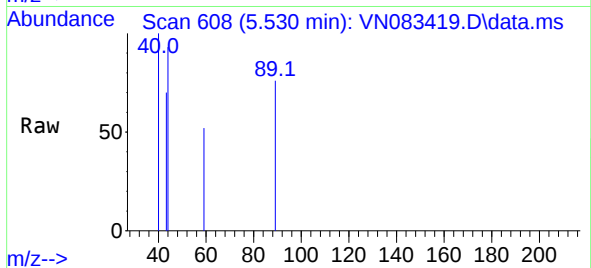




#11
Tert butyl alcohol
Concen: 0.307 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

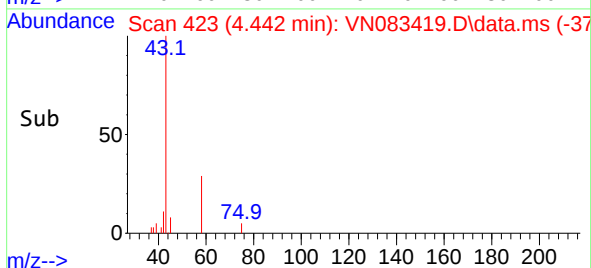
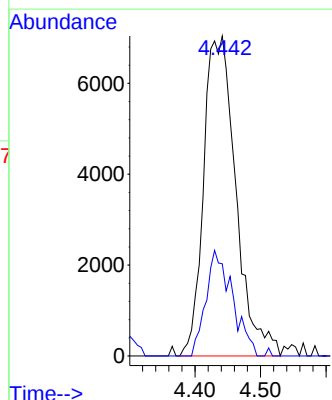
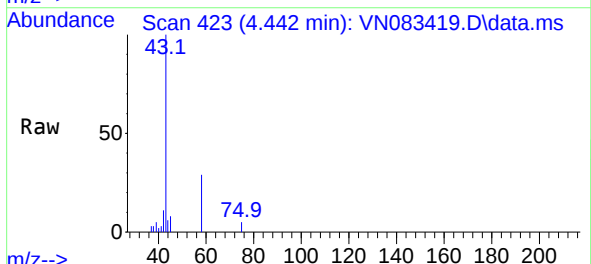
Instrument :
MSVOA_N
ClientSampleId :

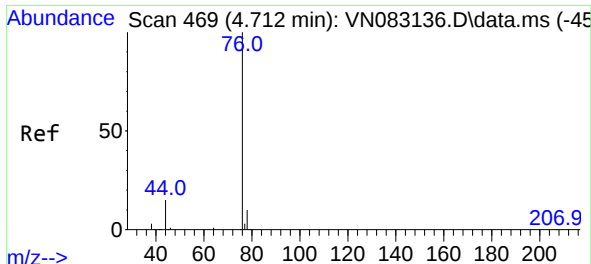
Tgt Ion: 59 Resp: 125
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 31.290 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

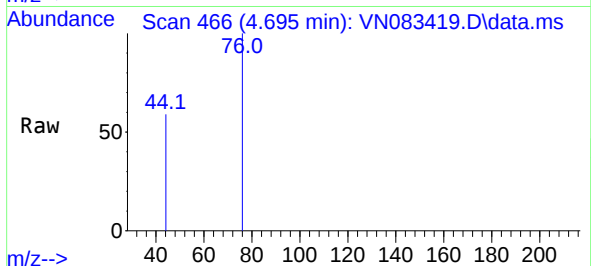
Tgt Ion: 43 Resp: 24009
Ion Ratio Lower Upper
43 100
58 28.8 21.8 32.6



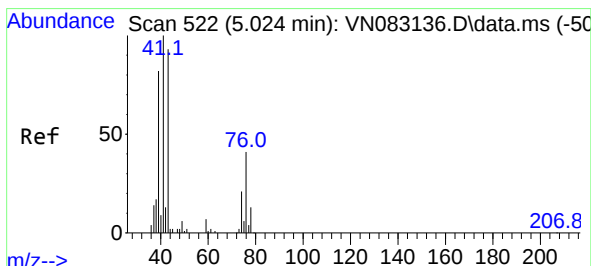
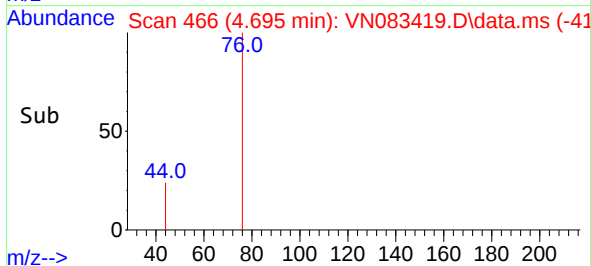
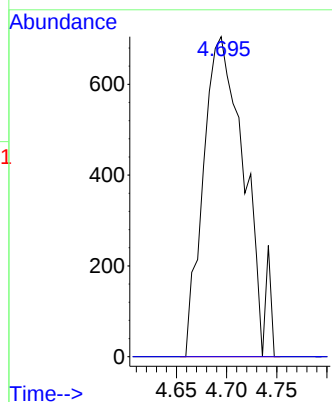


#17
Carbon Disulfide
Concen: 0.452 ug/l
RT: 4.695 min Scan# 41
Delta R.T. -0.018 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

Instrument :
MSVOA_N
ClientSampleId :

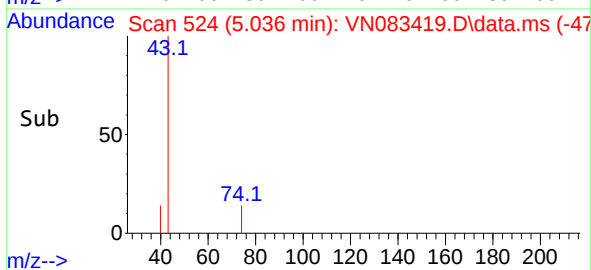
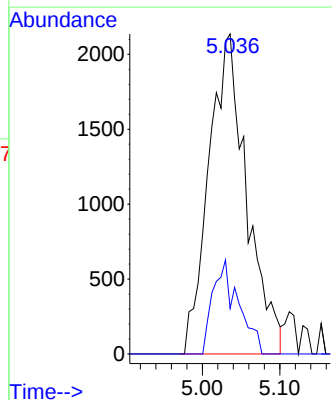
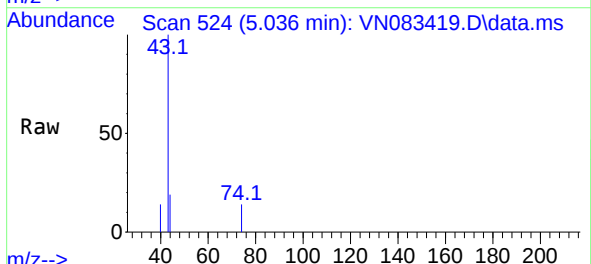


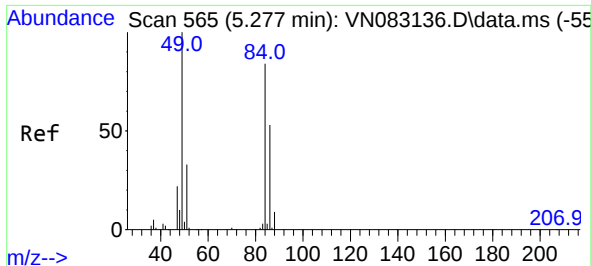
Tgt Ion: 76 Resp: 2020
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 3.169 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

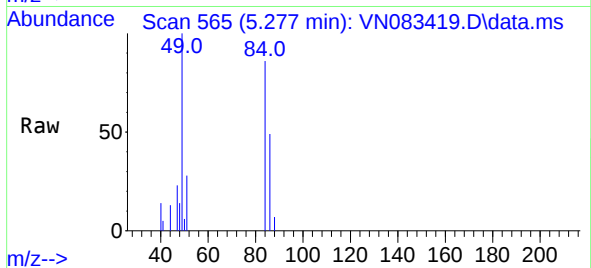
Tgt Ion: 43 Resp: 7246
Ion Ratio Lower Upper
43 100
74 19.9 16.3 24.5





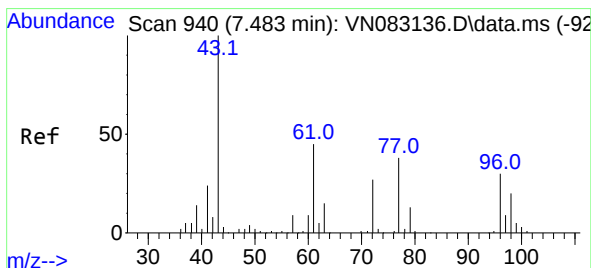
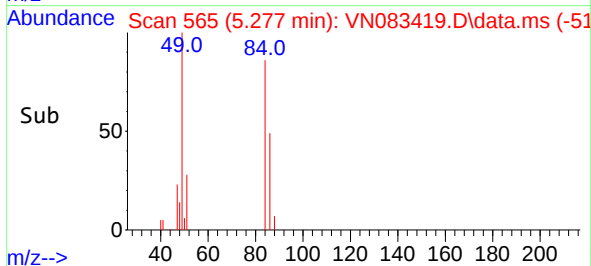
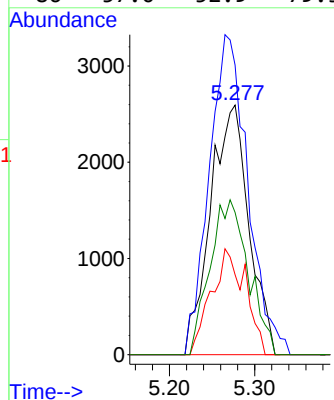
#20
Methylene Chloride
Concen: 4.605 ug/l
RT: 5.277 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 8133

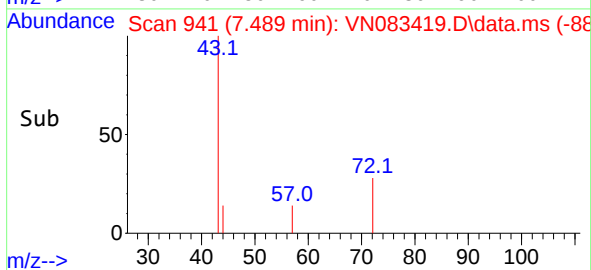
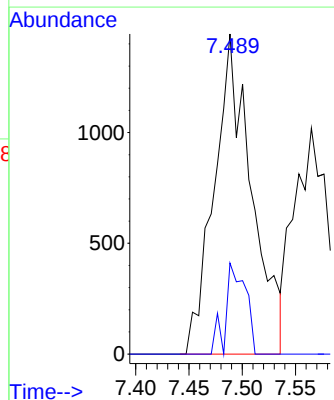
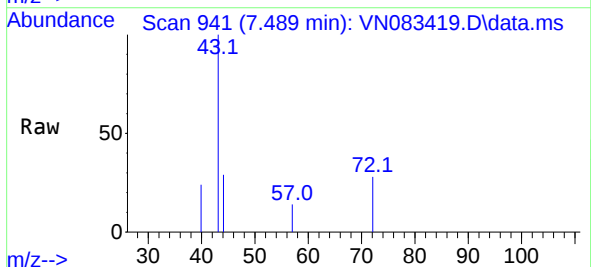
Ion	Ratio	Lower	Upper
84	100		
49	116.0	119.6	179.4#
51	32.1	34.8	52.2#
86	57.0	52.9	79.3

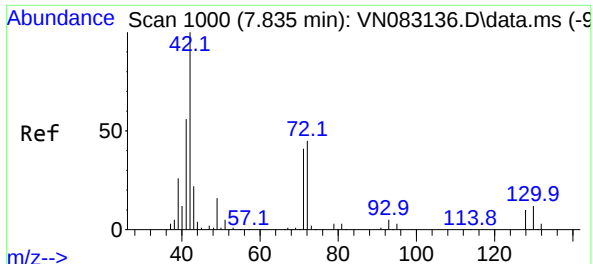


#25
2-Butanone
Concen: 3.000 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

Tgt Ion: 43 Resp: 3534

Ion	Ratio	Lower	Upper
43	100		
72	28.4	18.2	27.2#

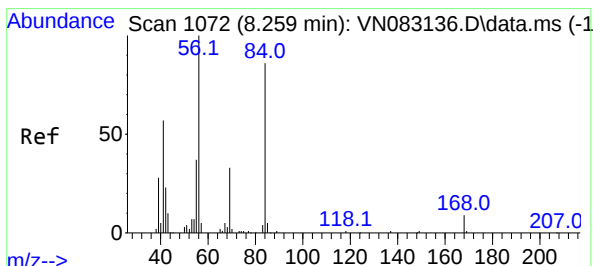
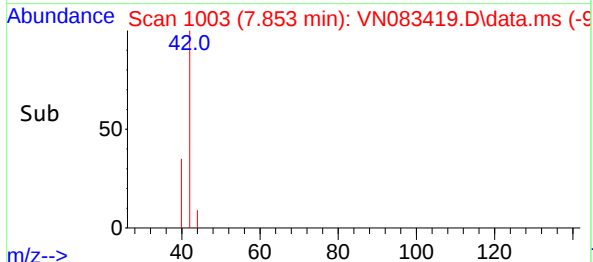
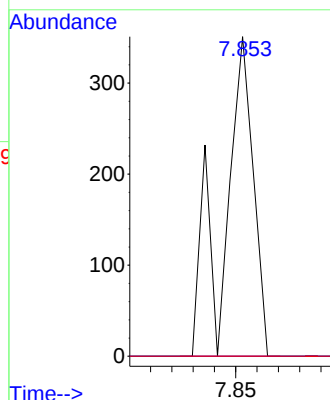
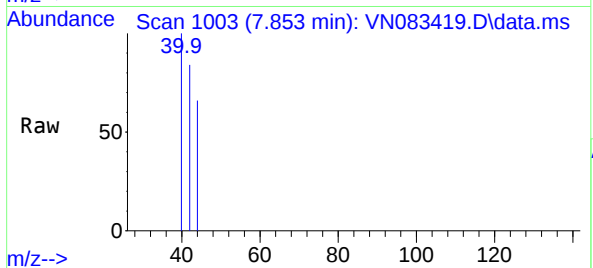




#29
Tetrahydrofuran
Concen: 0.442 ug/l
RT: 7.853 min Scan# 1066
Delta R.T. 0.018 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

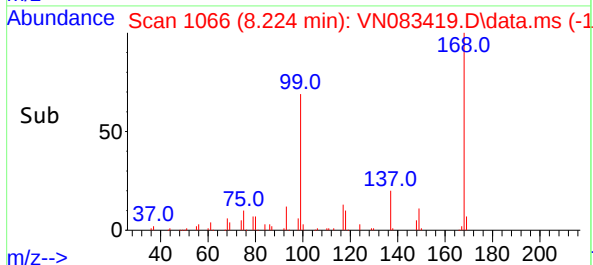
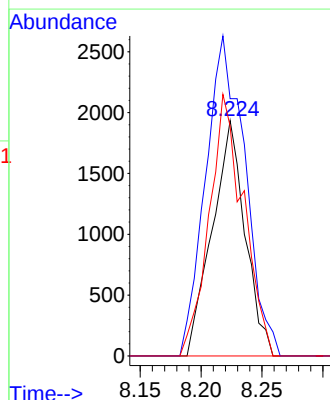
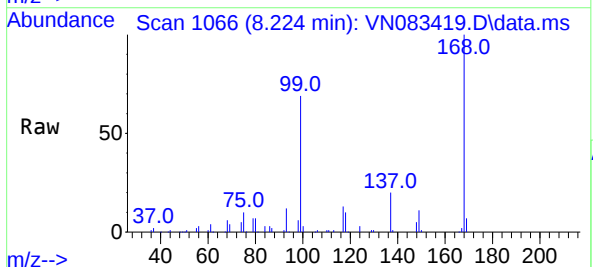
Instrument :
MSVOA_N
ClientSampleId :

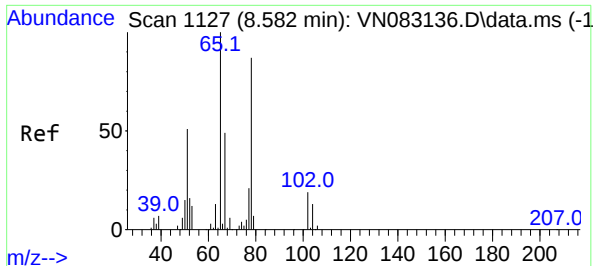
Tgt Ion: 42	Resp: 337
Ion Ratio	Lower Upper
42	100
72	0.0 30.0 45.0#
71	0.0 28.3 42.5#



#31
Cyclohexane
Concen: 1.248 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

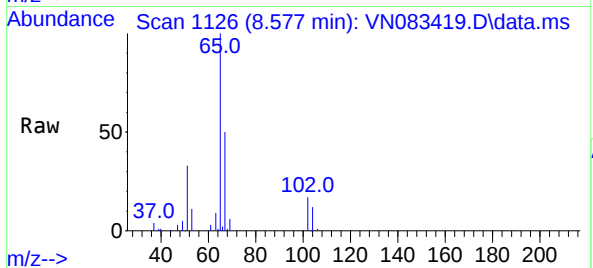
Tgt Ion: 56	Resp: 3628
Ion Ratio	Lower Upper
56	100
69	109.3 24.5 36.7#
84	97.6 66.0 99.0



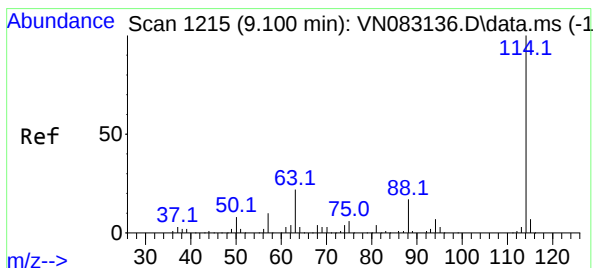
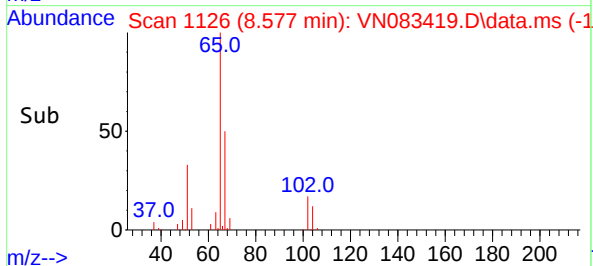
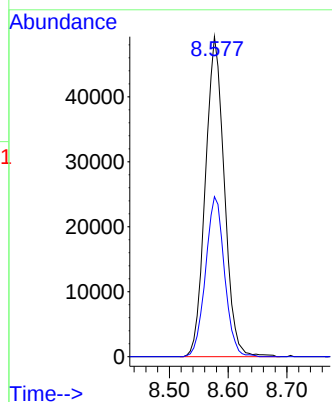


#33
1,2-Dichloroethane-d4
Concen: 56.196 ug/l
RT: 8.577 min Scan# 1127
Delta R.T. -0.005 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

Instrument :
MSVOA_N
ClientSampleId :

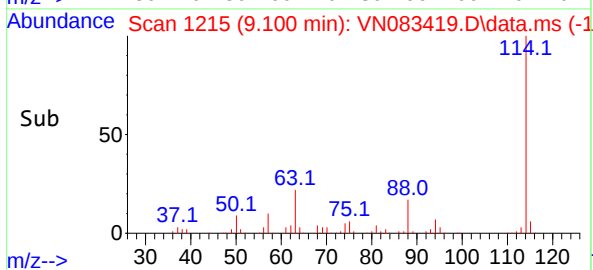
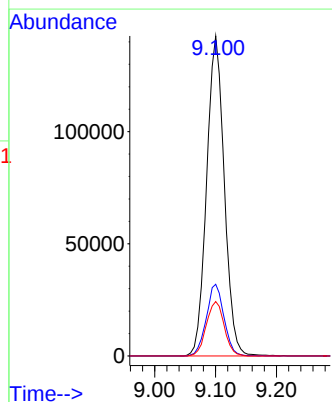
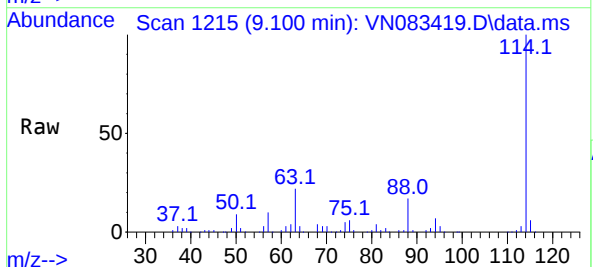


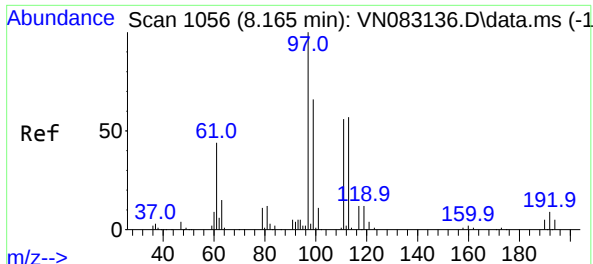
Tgt Ion: 65 Resp: 110197
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

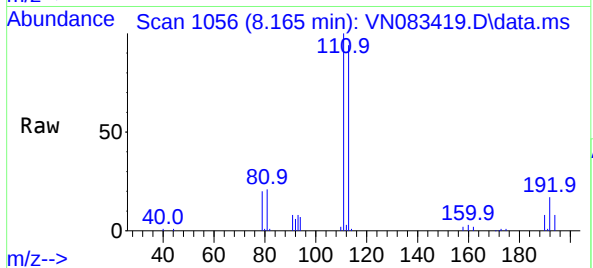
Tgt Ion: 114 Resp: 287638
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.6
88 17.0 0.0 31.4



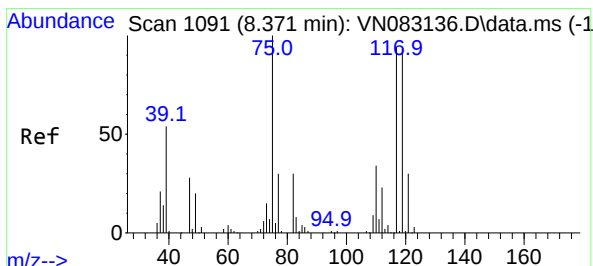
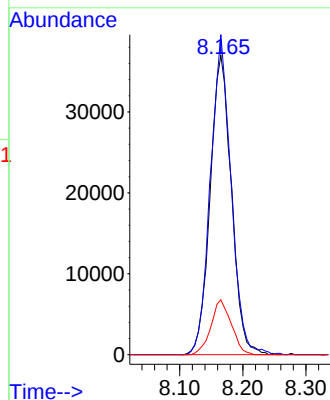
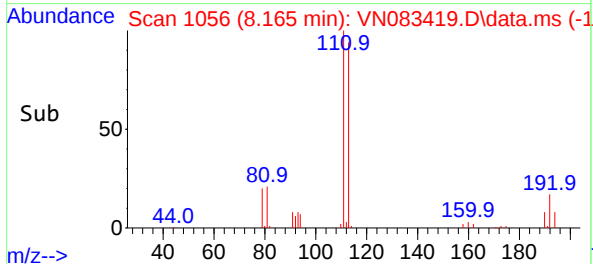


#35
Dibromofluoromethane
Concen: 48.283 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

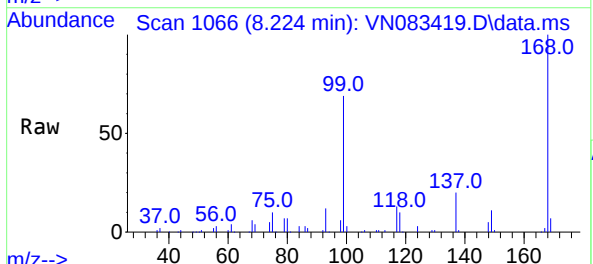
Instrument :
MSVOA_N
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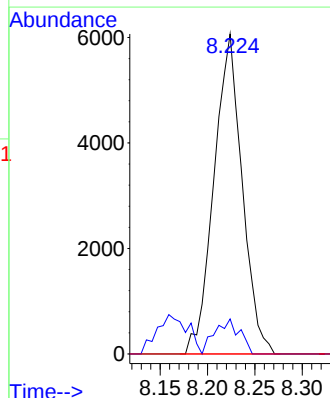
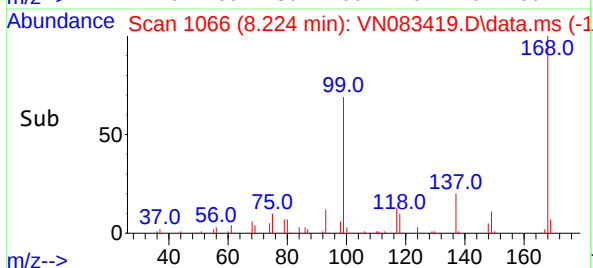
Tgt Ion:113 Resp: 86686
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 17.5 14.9 22.3

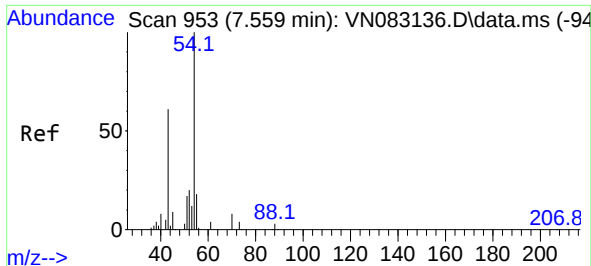


#36
1,1-Dichloropropene
Concen: 4.623 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31



Tgt Ion: 75 Resp: 12556
Ion Ratio Lower Upper
75 100
110 9.6 16.3 48.9#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 0.766 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

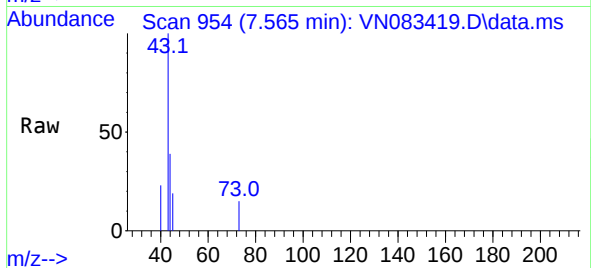
Lab File: VN083419.D

Acq: 21 Aug 2024 19:31

Instrument :

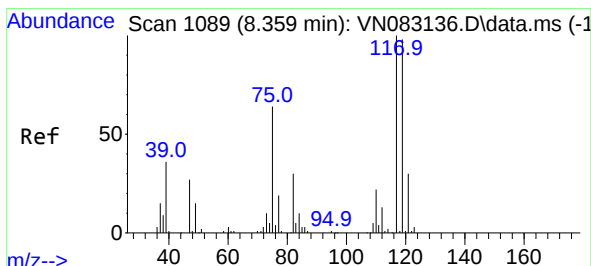
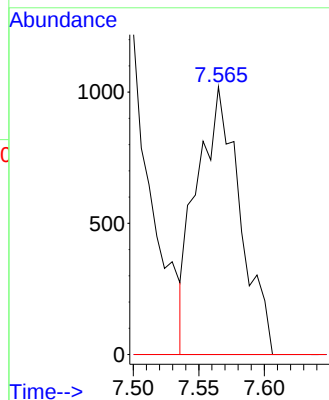
MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 2329

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.3	13.9#
70	0.0	7.0	10.6#



#38

Carbon Tetrachloride

Concen: 5.287 ug/l

RT: 8.224 min Scan# 1066

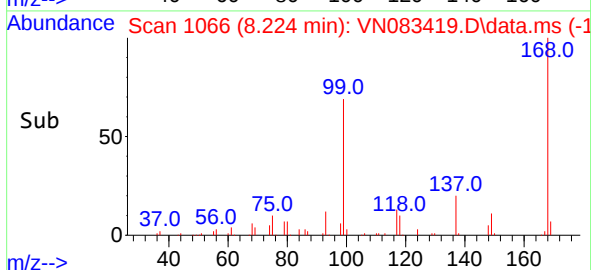
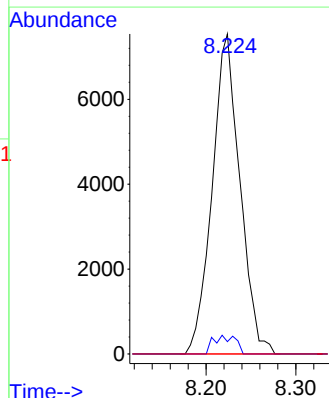
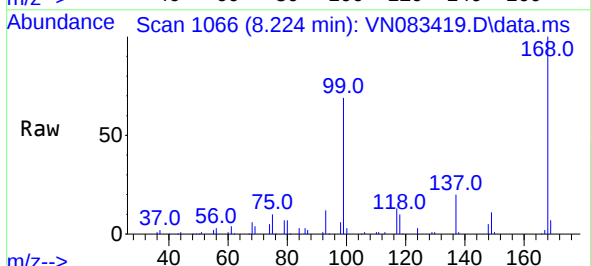
Delta R.T. -0.135 min

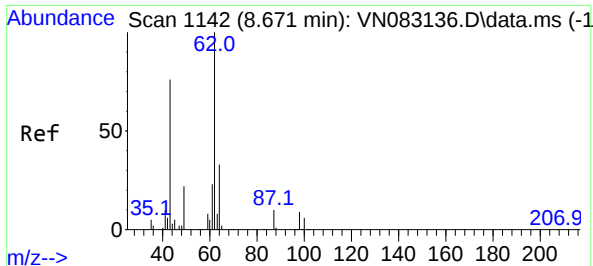
Lab File: VN083419.D

Acq: 21 Aug 2024 19:31

Tgt Ion: 117 Resp: 16173

Ion	Ratio	Lower	Upper
117	100		
119	3.9	74.9	112.3#
121	0.0	24.3	36.5#

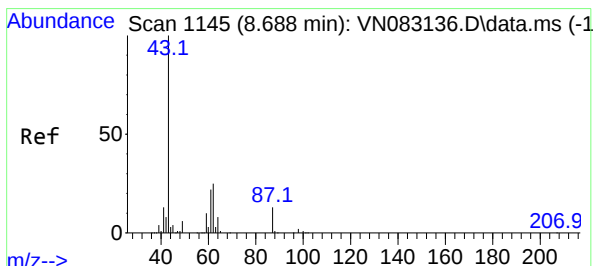
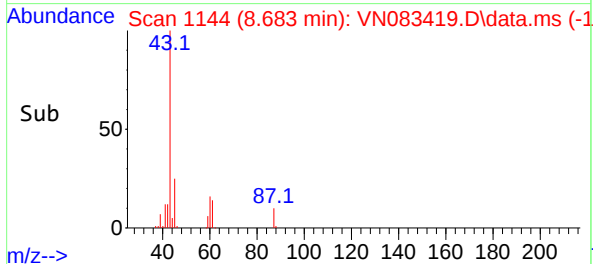
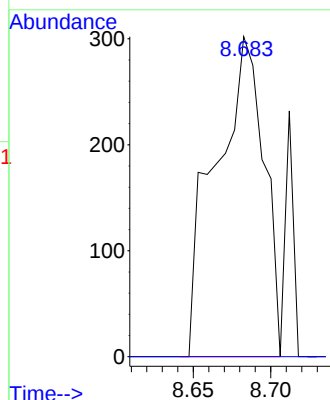
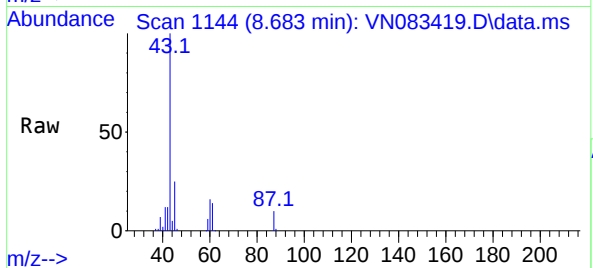




#42
1,2-Dichloroethane
Concen: 0.223 ug/l
RT: 8.683 min Scan# 1142
Delta R.T. 0.012 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

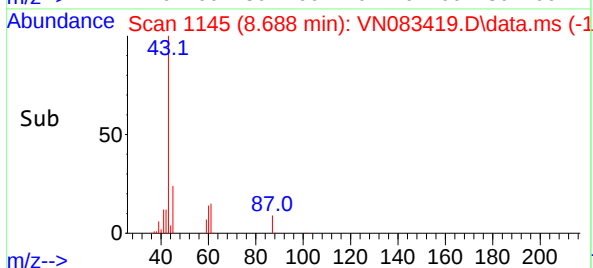
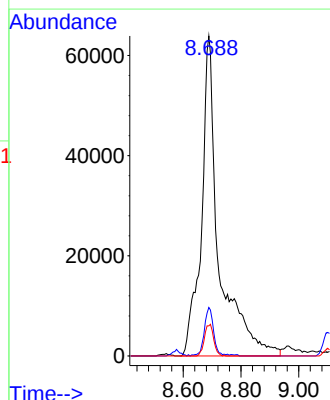
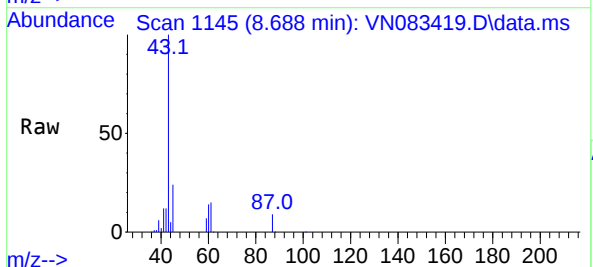
Instrument :
MSVOA_N
ClientSampleId :

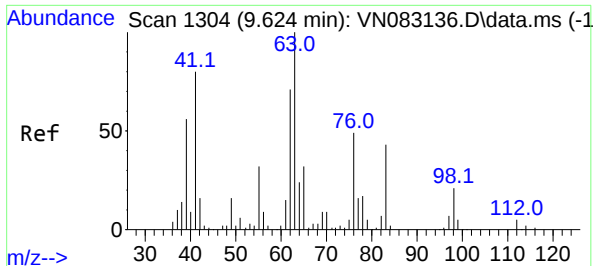
Tgt Ion: 62 Resp: 658
Ion Ratio Lower Upper
62 100
98 0.0 0.0 15.8



#43
Isopropyl Acetate
Concen: 51.491 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

Tgt Ion: 43 Resp: 271024
Ion Ratio Lower Upper
43 100
61 8.2 17.8 26.6#
87 5.2 8.2 12.2#

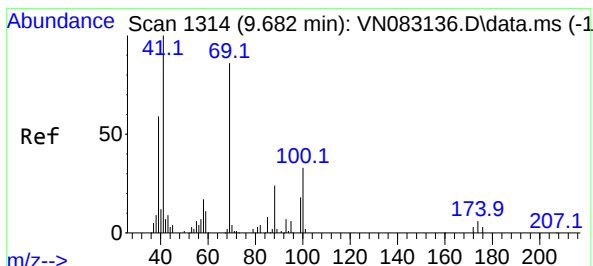
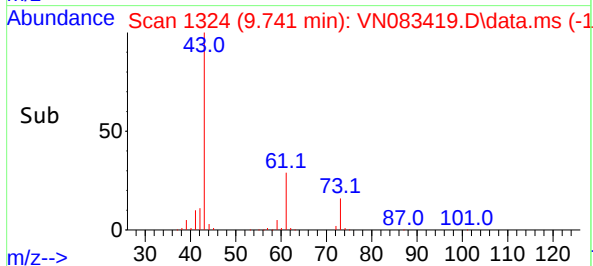
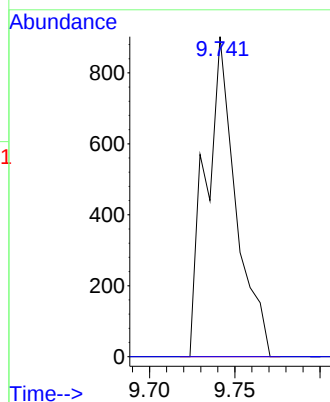
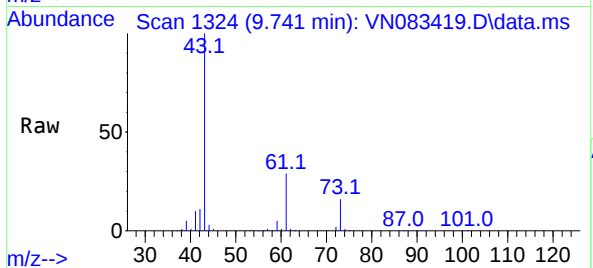




#45
1,2-Dichloropropane
Concen: 0.578 ug/l
RT: 9.741 min Scan# 1111
Delta R.T. 0.118 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

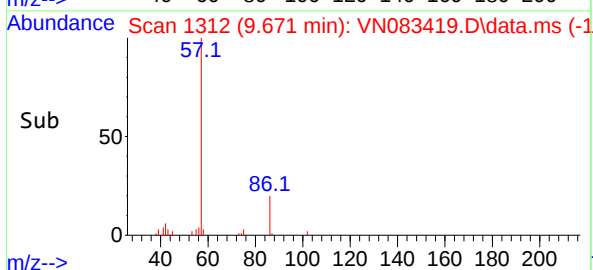
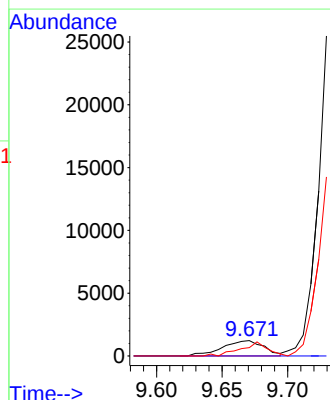
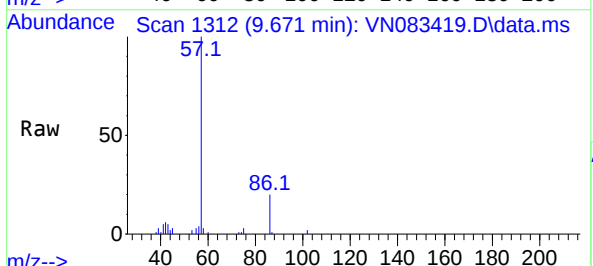
Instrument :
MSVOA_N
ClientSampleId :

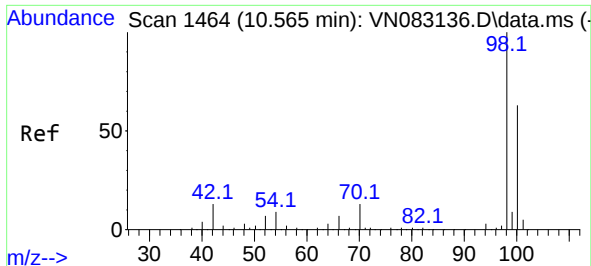
Tgt Ion: 63 Resp: 1111
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#



#48
Methyl methacrylate
Concen: 1.073 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.012 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

Tgt Ion: 41 Resp: 2698
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 58.4 50.3 75.5

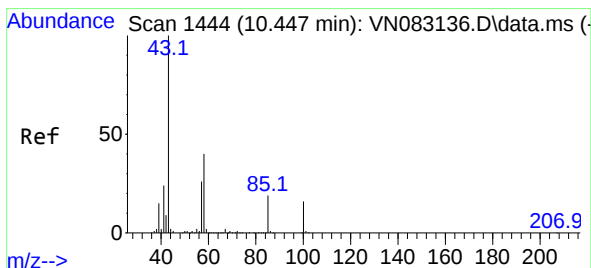
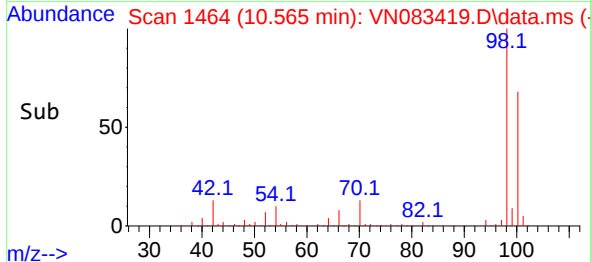
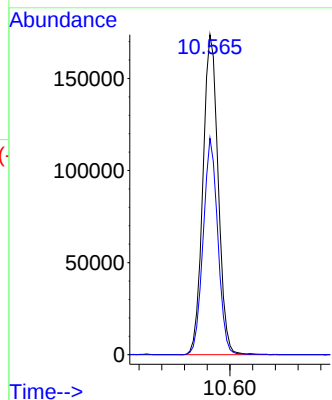
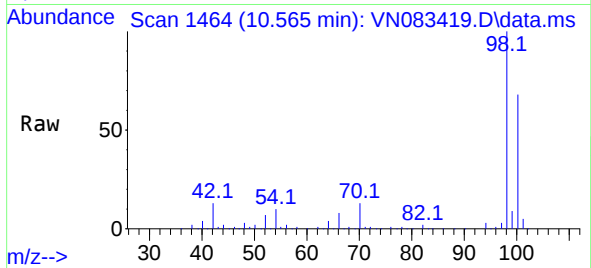




#50
Toluene-d8
Concen: 48.223 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

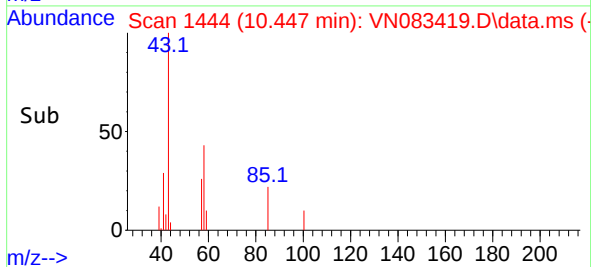
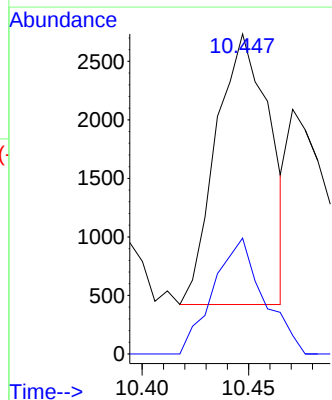
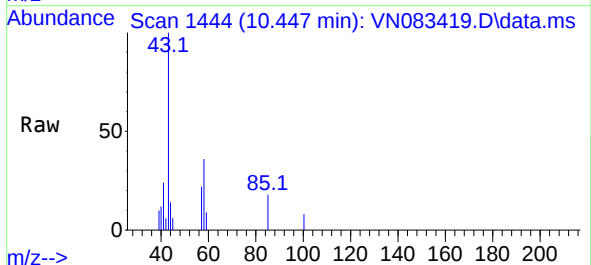
Instrument :
MSVOA_N
ClientSampleId :

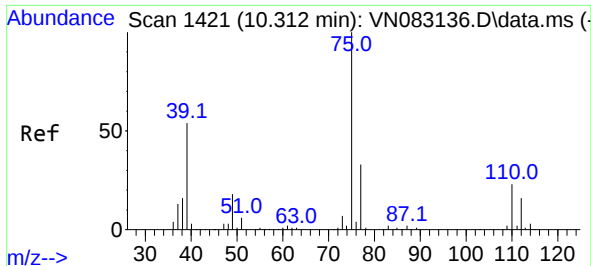
Tgt Ion: 98 Resp: 322957
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 1.414 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

Tgt Ion: 43 Resp: 4066
Ion Ratio Lower Upper
43 100
58 39.9 28.2 42.4

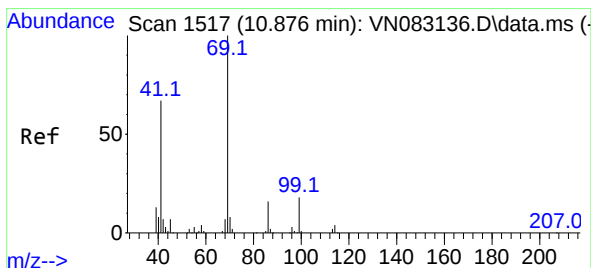
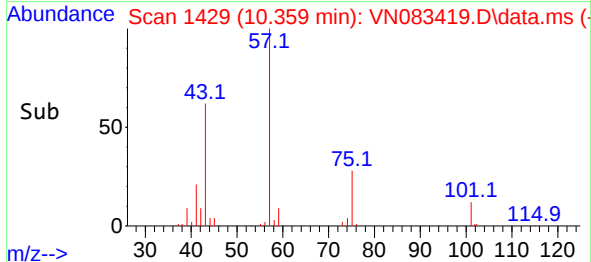
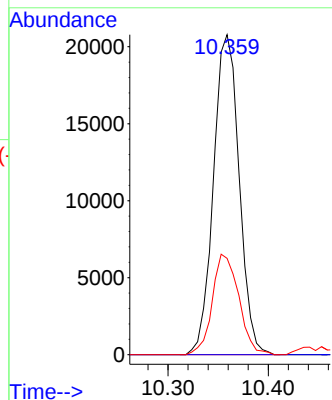
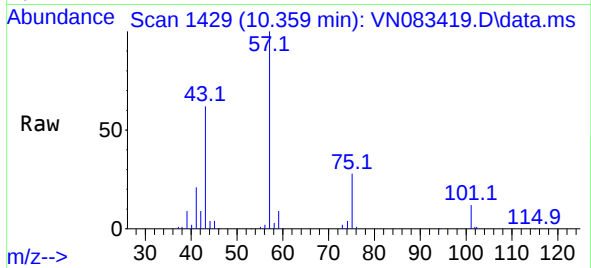




#54
cis-1,3-Dichloropropene
Concen: 10.972 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

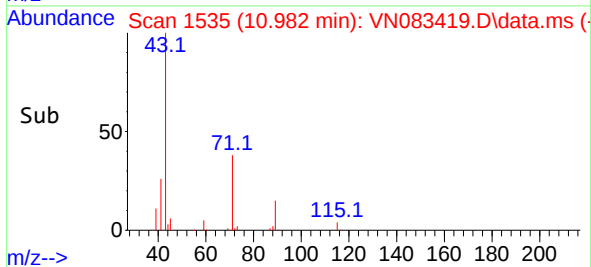
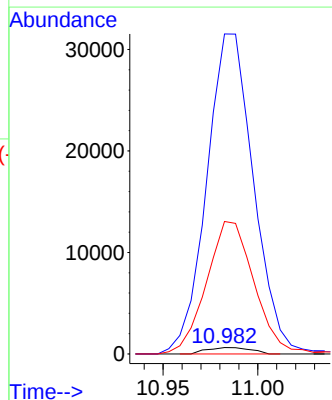
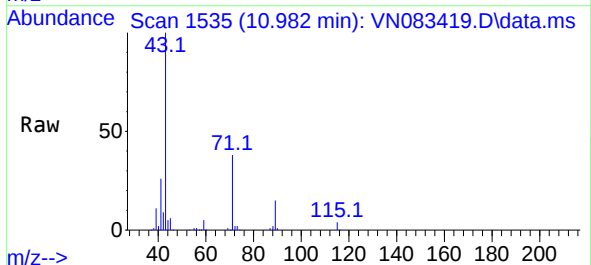
Instrument :
MSVOA_N
ClientSampleId :

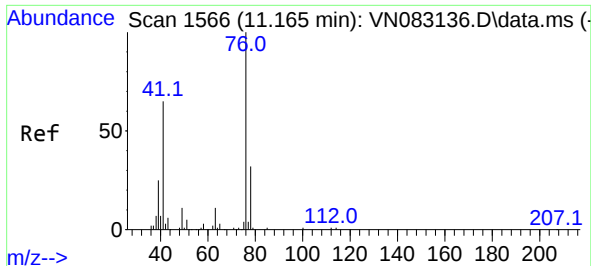
Tgt Ion: 75 Resp: 37002
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 30.1 50.5 75.7#



#56
Ethyl methacrylate
Concen: 0.298 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.106 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

Tgt Ion: 69 Resp: 1028
Ion Ratio Lower Upper
69 100
41 5318.1 63.4 95.2#
39 2239.1 37.4 56.0#





#57

1,3-Dichloropropane

Concen: 1.263 ug/l

RT: 11.206 min Scan# 1567

Delta R.T. 0.041 min

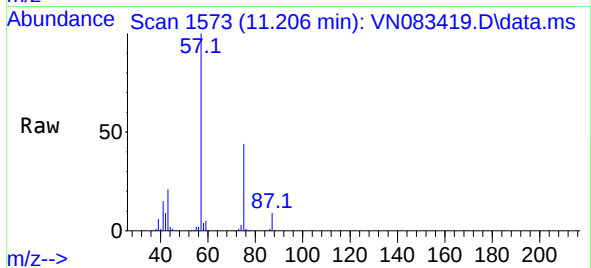
Lab File: VN083419.D

Acq: 21 Aug 2024 19:31

Instrument :

MSVOA_N

ClientSampleId :

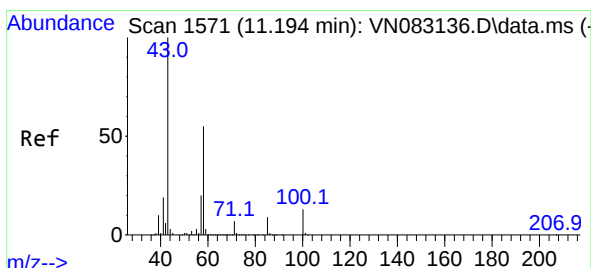
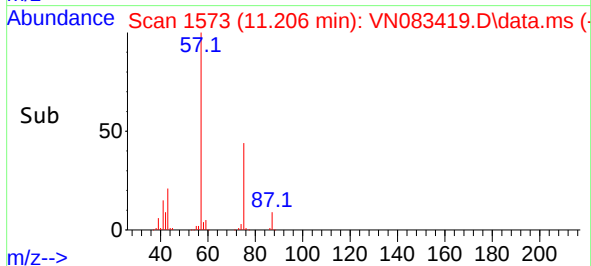
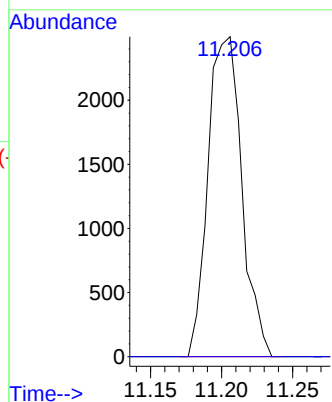


Tgt Ion: 76 Resp: 4123

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 39.645 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.023 min

Lab File: VN083419.D

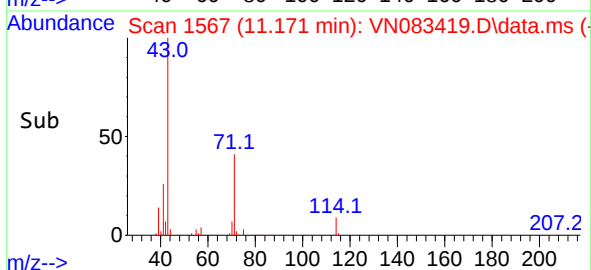
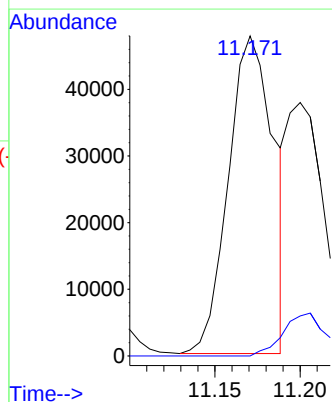
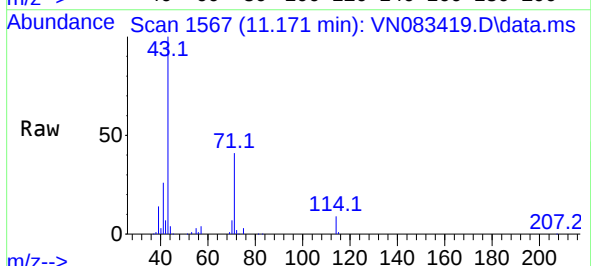
Acq: 21 Aug 2024 19:31

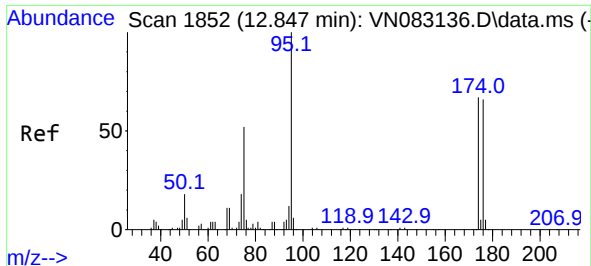
Tgt Ion: 43 Resp: 88198

Ion Ratio Lower Upper

43 100

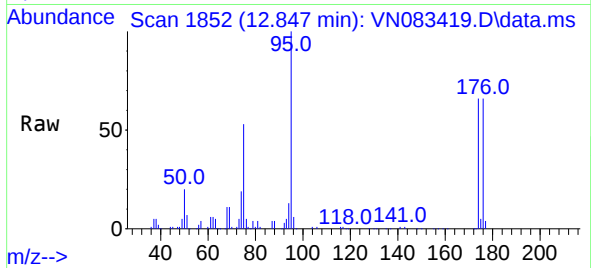
58 0.0 24.6 73.8#



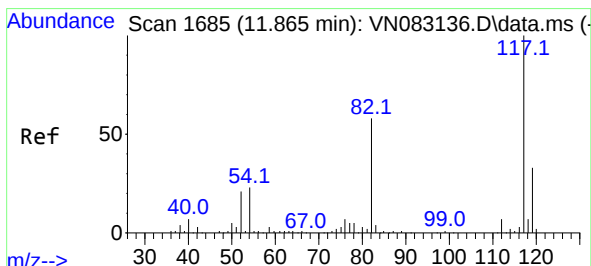
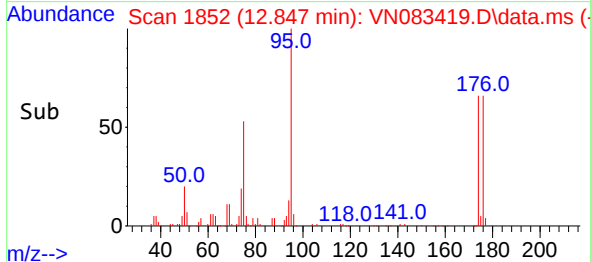
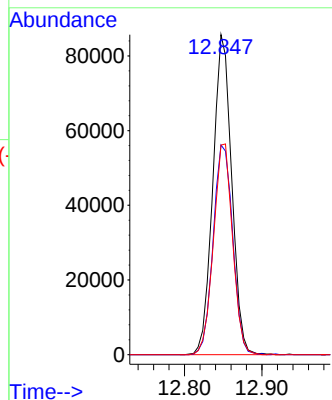


#62
4-Bromofluorobenzene
Concen: 55.342 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

Instrument :
MSVOA_N
ClientSampleId :

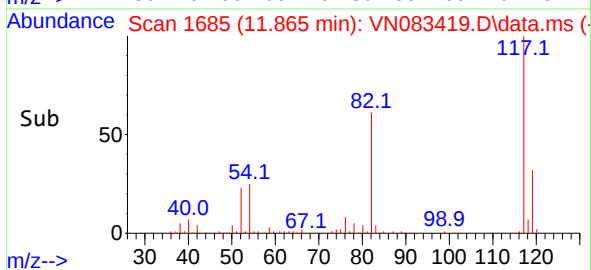
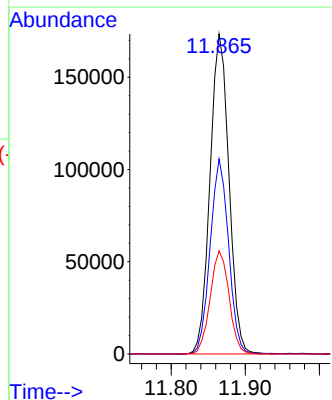
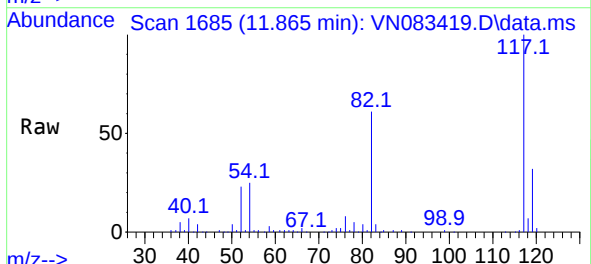


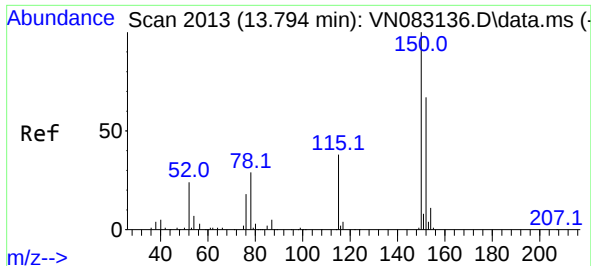
Tgt Ion: 95 Resp: 144496
Ion Ratio Lower Upper
95 100
174 68.2 0.0 159.2
176 67.1 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

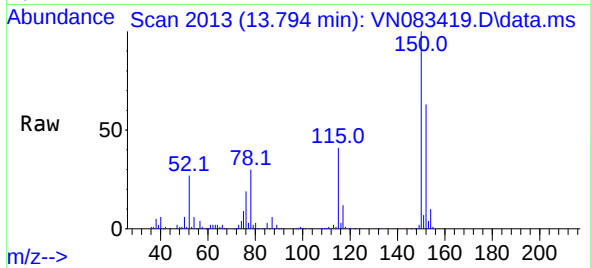
Tgt Ion: 117 Resp: 307896
Ion Ratio Lower Upper
117 100
82 61.0 47.5 71.3
119 32.2 25.6 38.4



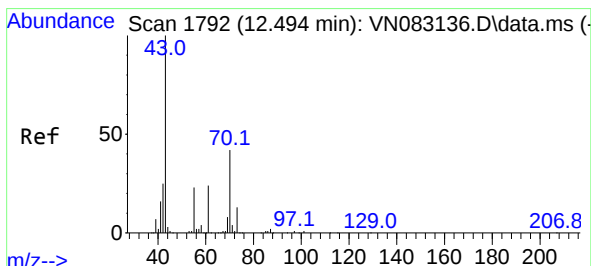
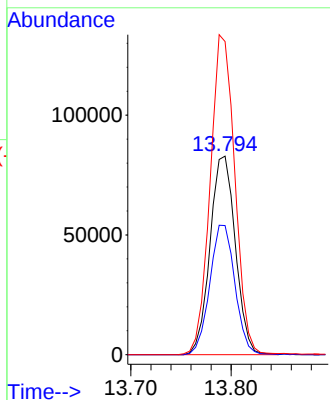
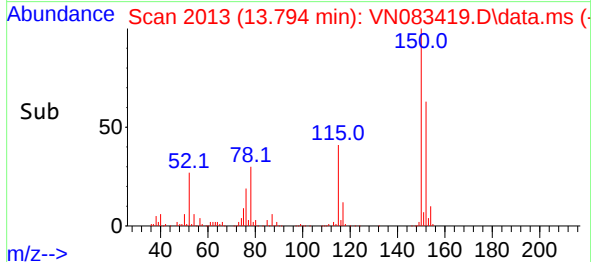


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

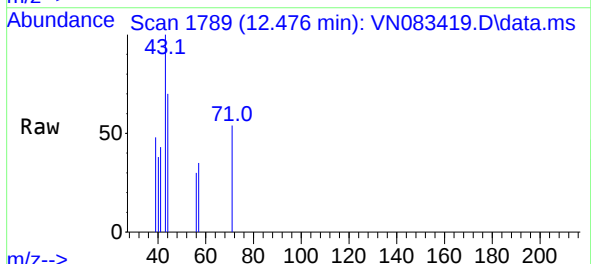
Instrument :
MSVOA_N
ClientSampleId :



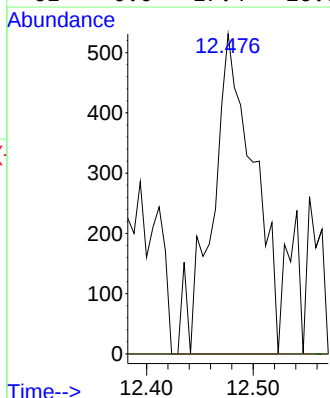
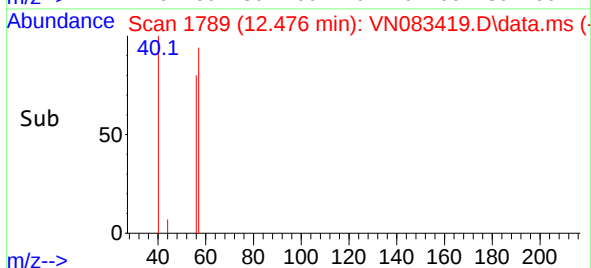
Tgt Ion:152 Resp: 145766
Ion Ratio Lower Upper
152 100
115 64.7 30.6 91.6
150 157.4 0.0 348.6

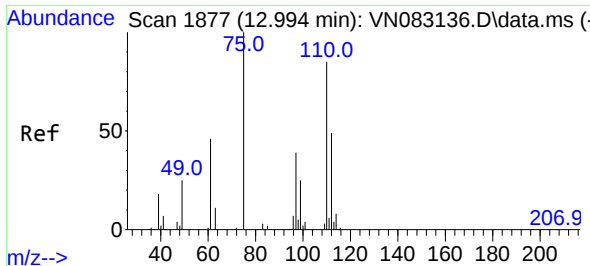


#74
N-ethyl acetate
Concen: 0.242 ug/l
RT: 12.476 min Scan# 1789
Delta R.T. -0.018 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31



Tgt Ion: 43 Resp: 1445
Ion Ratio Lower Upper
43 100
70 0.0 29.8 44.6#
55 0.0 18.7 28.1#
61 0.0 17.4 26.0#

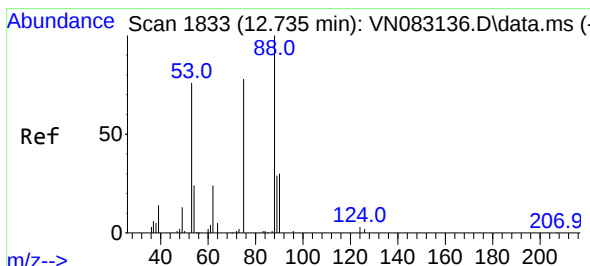
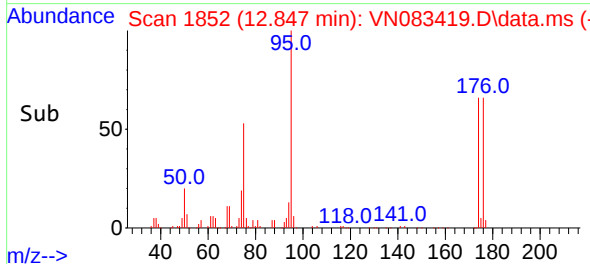
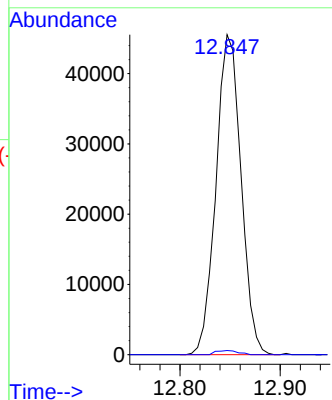
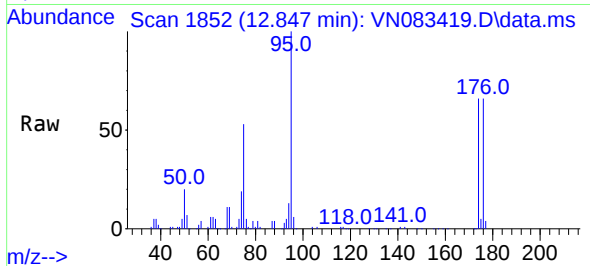




#76
1,2,3-Trichloropropane
Concen: 24.704 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 79033
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.737 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083419.D
Acq: 21 Aug 2024 19:31

Tgt Ion: 75 Resp: 79033
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

