

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030624\
 Data File : VN081333.D
 Acq On : 06 Mar 2024 17:51
 Operator : JC\MD
 Sample : P1683-01
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

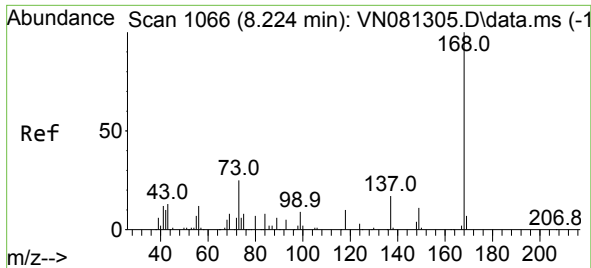
Instrument :
 MSVOA_N
 ClientSampleId :
 1132

Quant Time: Mar 07 00:30:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

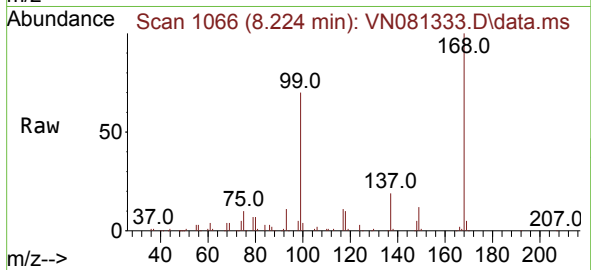
Internal Standards						
1) Pentafluorobenzene	8.224	168	295626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	531760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	444589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	208370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	214172	50.105	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.220%			
35) Dibromofluoromethane	8.165	113	164911	50.619	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.240%			
50) Toluene-d8	10.565	98	623572	51.201	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.400%			
62) 4-Bromofluorobenzene	12.853	95	206793	48.041	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 96.080%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.942	94	718	0.243	ug/l #	6
13) Acrolein	4.171	56	604	0.682	ug/l #	46
16) Acetone	4.442	43	749	0.495	ug/l #	82
18) Methyl Acetate	5.036	43	15049	3.471	ug/l #	90
20) Methylene Chloride	5.242	84	1642	Below Cal	#	63
25) 2-Butanone	7.489	43	2626	1.035	ug/l #	86
29) Tetrahydrofuran	7.830	42	716	0.414	ug/l #	38
31) Cyclohexane	8.224	56	9244	1.428	ug/l #	36
36) 1,1-Dichloropropene	8.218	75	27879	5.304	ug/l #	51
38) Carbon Tetrachloride	8.218	117	34496	6.521	ug/l #	21
41) Methacrylonitrile	7.753	41	717	0.247	ug/l #	45
43) Isopropyl Acetate	8.647	43	34073	3.789	ug/l #	57
52) Toluene	10.635	92	2850	0.301	ug/l	79
68) m/p-Xylenes	12.071	106	5567	0.877	ug/l	98
69) o-Xylene	12.406	106	2155	0.350	ug/l	91
76) 1,2,3-Trichloropropane	12.853	75	115290	23.425	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	115290	65.375	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.482	105	4523	0.321	ug/l	84
95) Naphthalene	15.641	128	4532	0.330	ug/l	98
96) 1,2,3-Trichlorobenzene	15.982	180	1220	0.311	ug/l	64

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

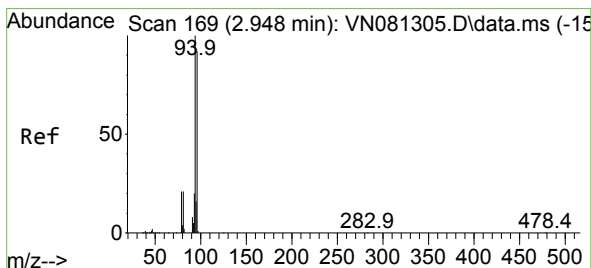
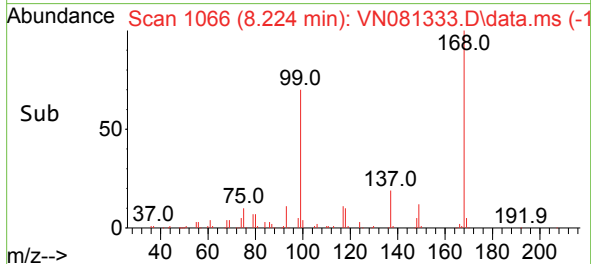
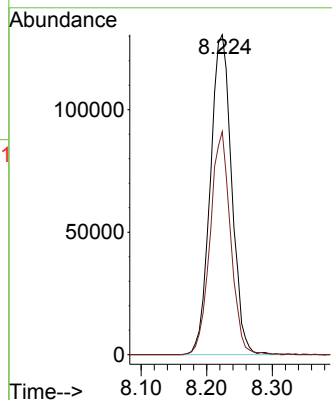


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VN081333.D
 Acq: 06 Mar 2024 17:51

Instrument :
 MSVOA_N
 ClientSampleId :

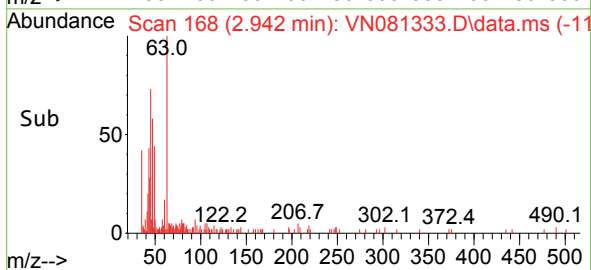
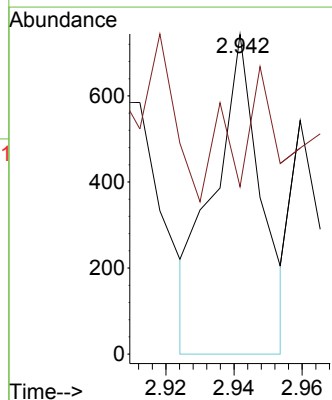
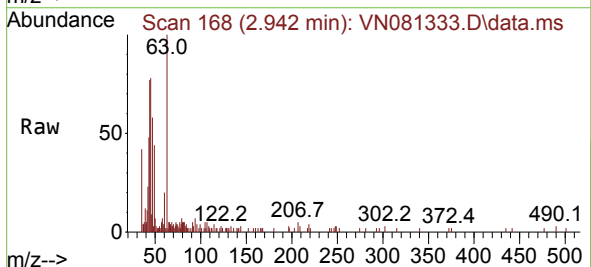


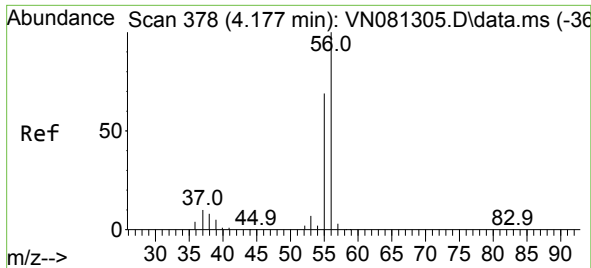
Tgt Ion:168 Resp: 295626
 Ion Ratio Lower Upper
 168 100
 99 69.7 59.9 89.9



#5
 Bromomethane
 Concen: 0.243 ug/l
 RT: 2.942 min Scan# 168
 Delta R.T. -0.006 min
 Lab File: VN081333.D
 Acq: 06 Mar 2024 17:51

Tgt Ion: 94 Resp: 718
 Ion Ratio Lower Upper
 94 100
 96 0.0 69.2 103.8#

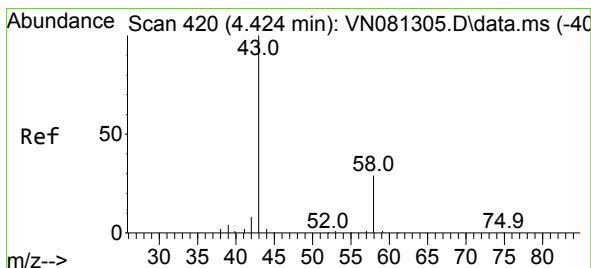
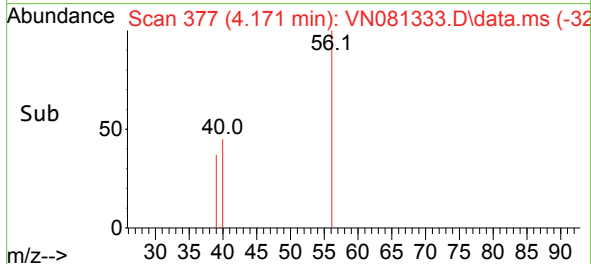
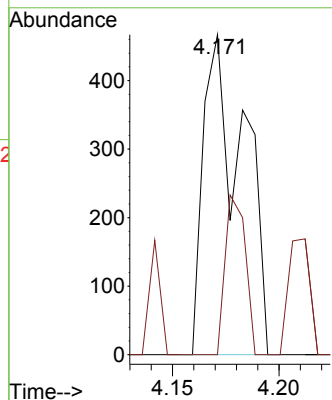
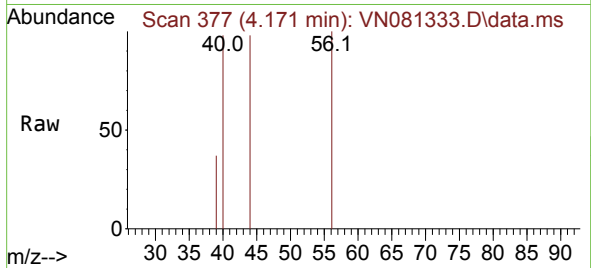




#13
Acrolein
Concen: 0.682 ug/l
RT: 4.171 min Scan# 311
Delta R.T. -0.006 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

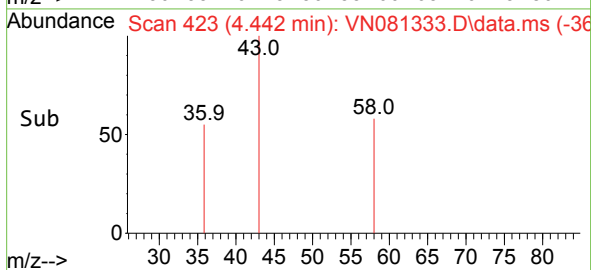
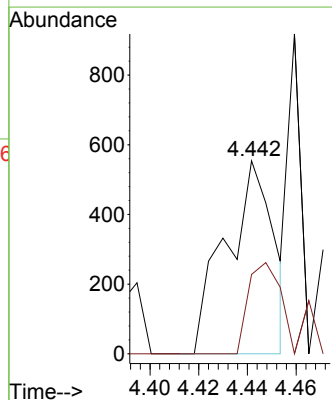
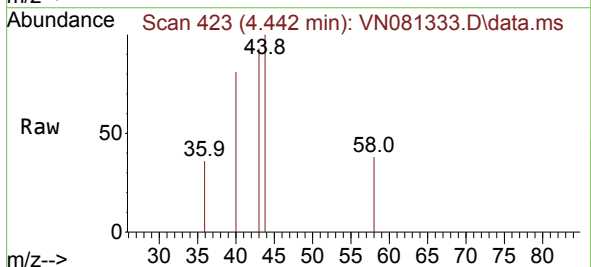
Instrument :
MSVOA_N
ClientSampleId :
1132

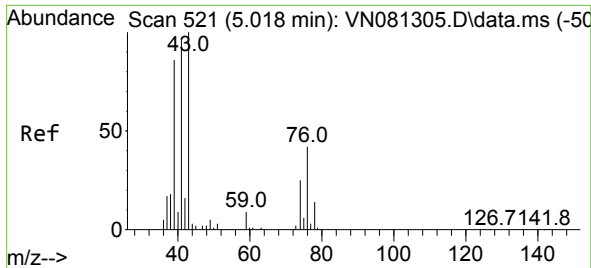
Tgt Ion: 56 Resp: 604
Ion Ratio Lower Upper
56 100
55 25.3 55.3 82.9#



#16
Acetone
Concen: 0.495 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

Tgt Ion: 43 Resp: 749
Ion Ratio Lower Upper
43 100
58 41.2 24.8 37.2#

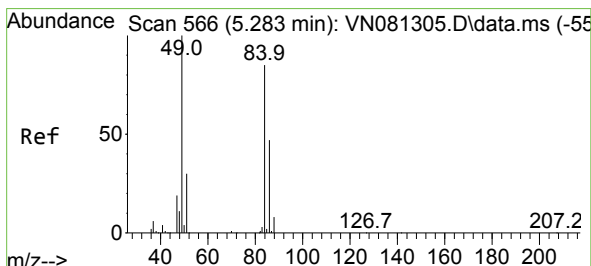
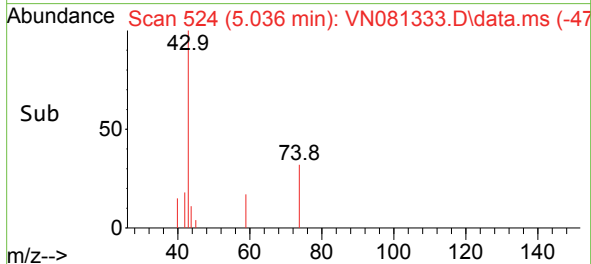
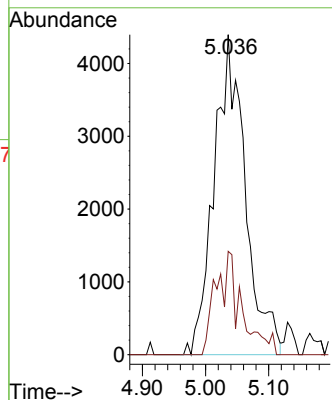
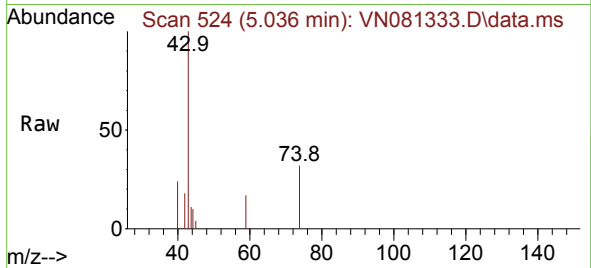




#18
Methyl Acetate
Concen: 3.471 ug/l
RT: 5.036 min Scan# 511
Delta R.T. 0.018 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

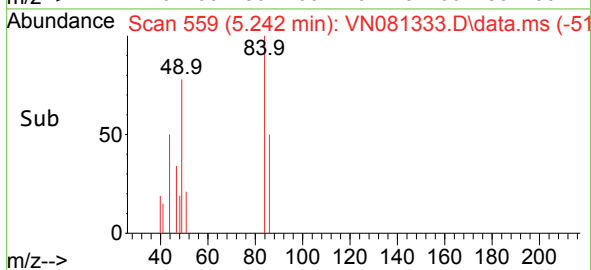
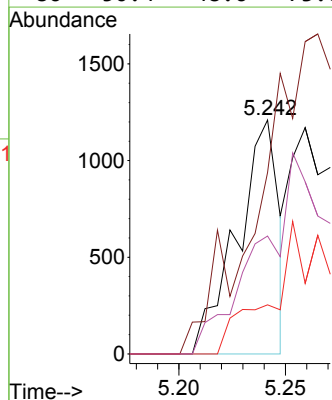
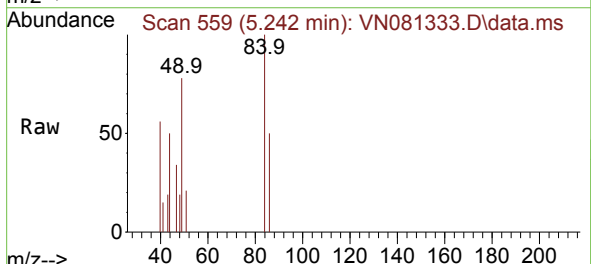
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MSVOA_N
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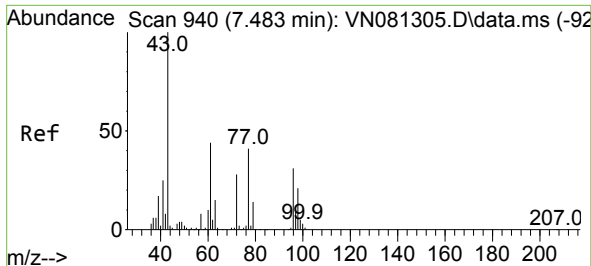
Tgt Ion: 43 Resp: 15049
Ion Ratio Lower Upper
43 100
74 26.4 17.3 25.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.242 min Scan# 559
Delta R.T. -0.041 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

Tgt Ion: 84 Resp: 1642
Ion Ratio Lower Upper
84 100
49 77.5 108.1 162.1#
51 21.0 32.9 49.3#
86 50.4 48.6 73.0

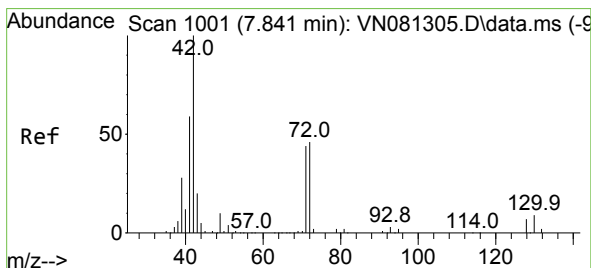
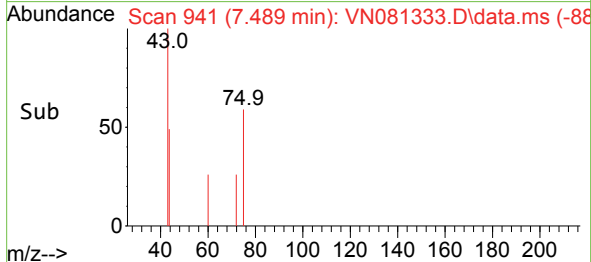
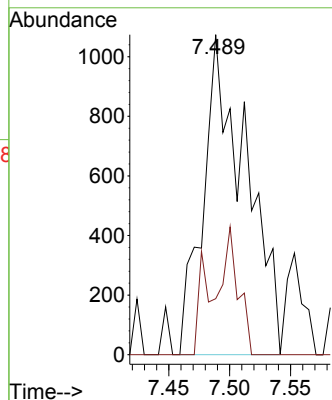
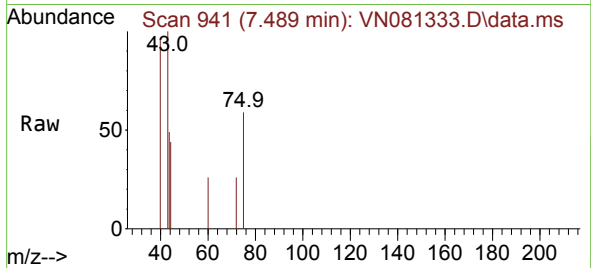




#25
2-Butanone
Concen: 1.035 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

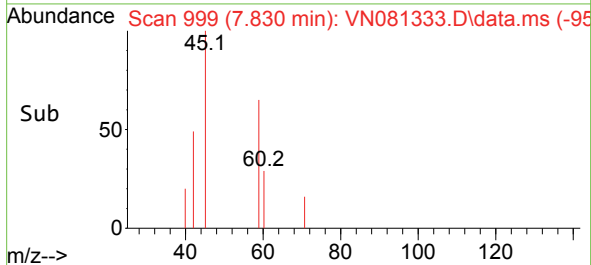
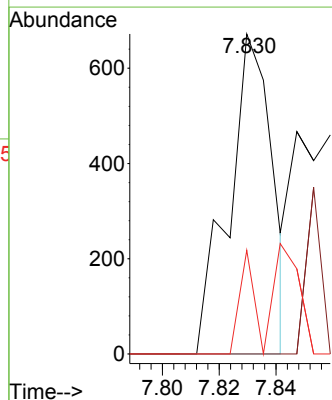
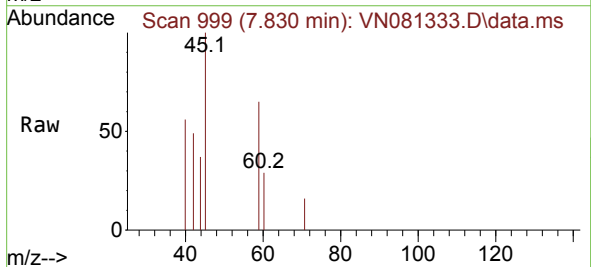
Instrument :
MSVOA_N
ClientSampleId :
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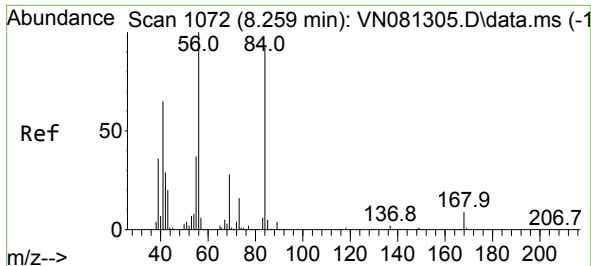
Tgt Ion: 43 Resp: 2626
Ion Ratio Lower Upper
43 100
72 17.5 19.5 29.3#



#29
Tetrahydrofuran
Concen: 0.414 ug/l
RT: 7.830 min Scan# 999
Delta R.T. -0.012 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

Tgt Ion: 42 Resp: 716
Ion Ratio Lower Upper
42 100
72 0.0 31.1 46.7#
71 0.0 28.3 42.5#

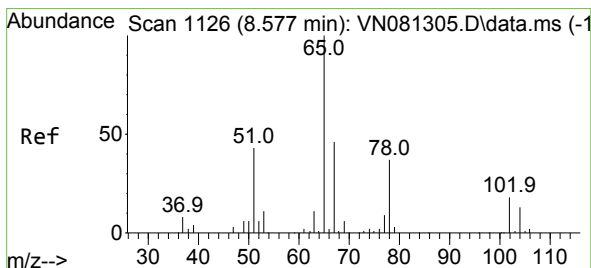
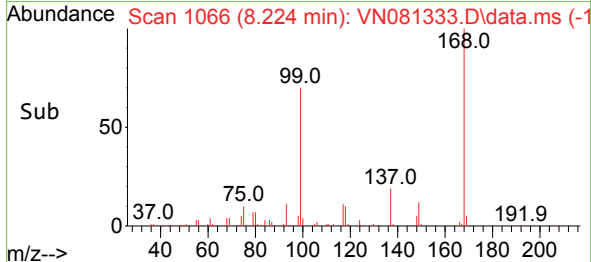
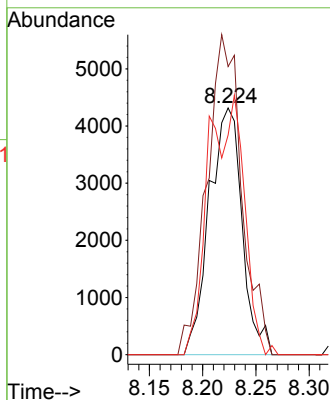
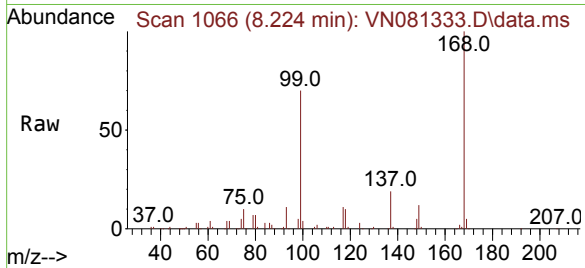




#31
Cyclohexane
Concen: 1.428 ug/l
RT: 8.224 min Scan# 1132
Delta R.T. -0.035 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

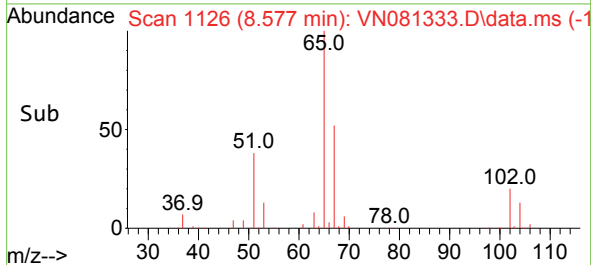
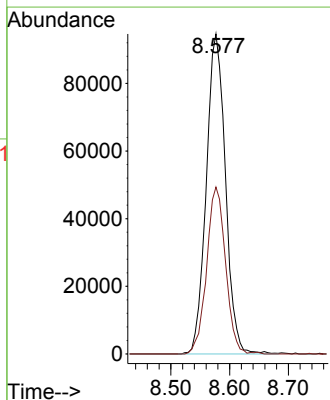
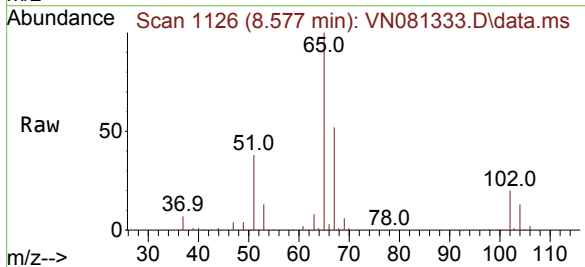
Instrument :
MSVOA_N
ClientSampleId :
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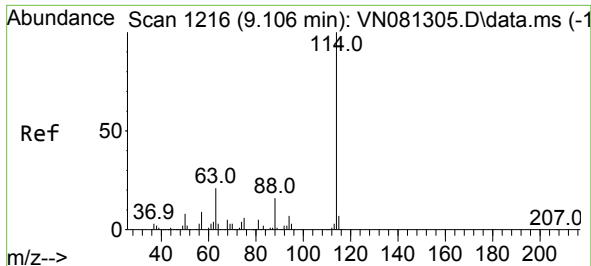
Tgt Ion: 56 Resp: 9244
Ion Ratio Lower Upper
56 100
69 116.7 20.1 30.1#
84 89.0 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 50.105 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

Tgt Ion: 65 Resp: 214172
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.4

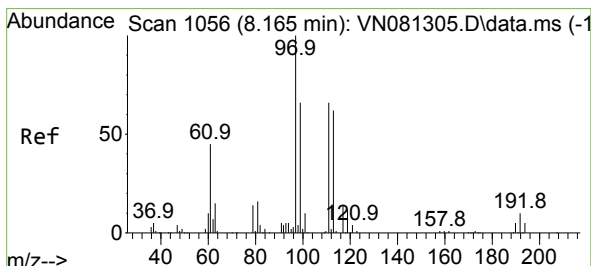
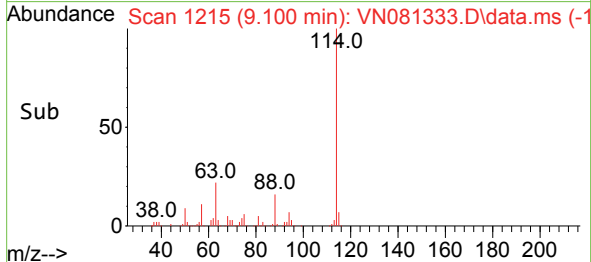
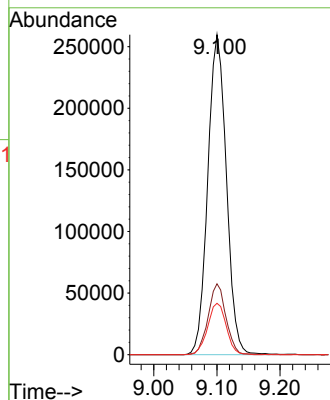
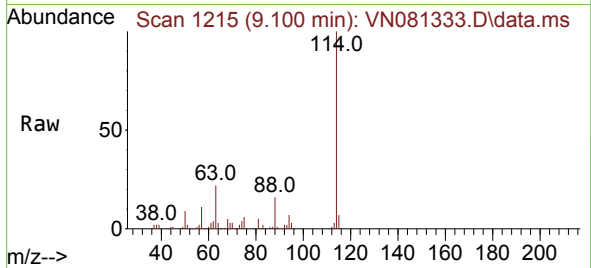




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

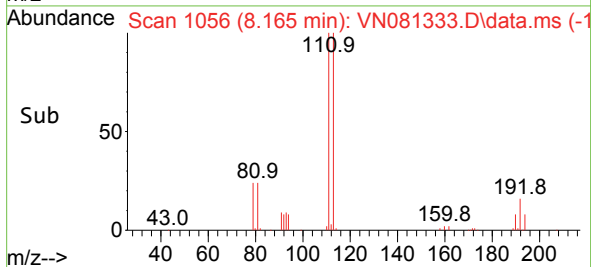
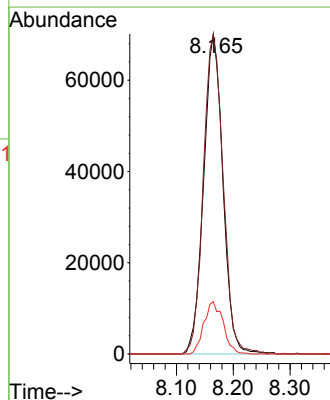
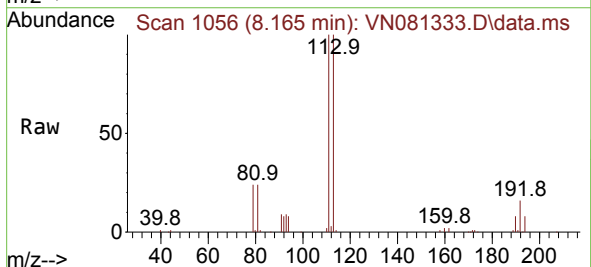
Instrument :
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ClientSampleId :
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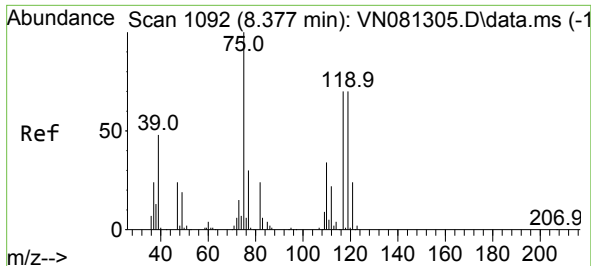
Tgt Ion:114 Resp: 531760
Ion Ratio Lower Upper
114 100
63 22.2 0.0 48.0
88 16.1 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.619 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

Tgt Ion:113 Resp: 164911
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 16.3 12.5 18.7

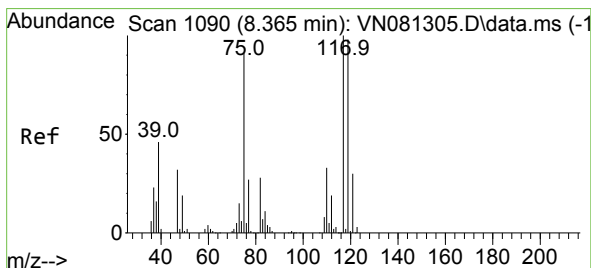
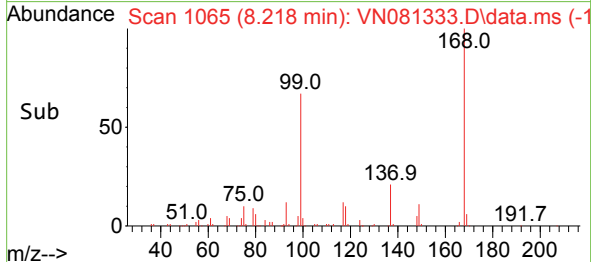
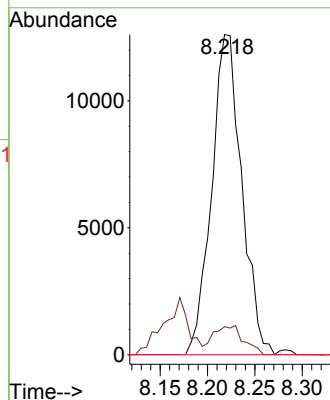
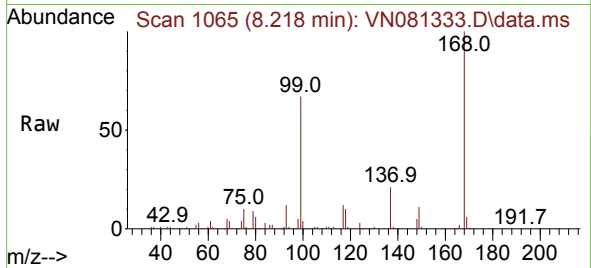




#36
1,1-Dichloropropene
Concen: 5.304 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.159 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

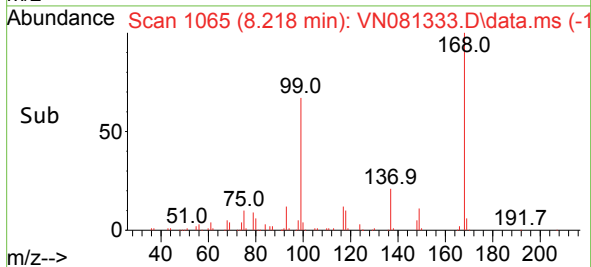
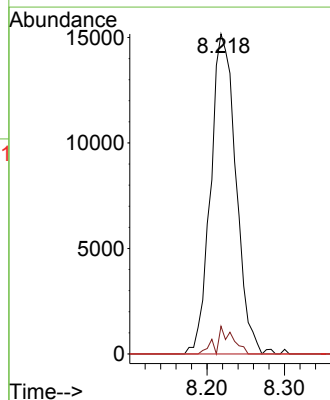
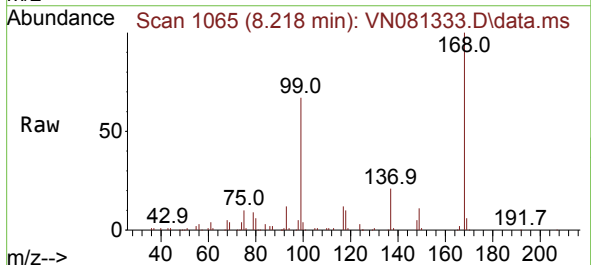
Instrument :
MSVOA_N
ClientSampleId :
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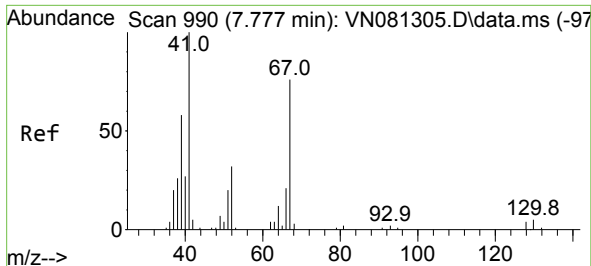
Tgt Ion: 75 Resp: 27879
Ion Ratio Lower Upper
75 100
110 9.1 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.521 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

Tgt Ion: 117 Resp: 34496
Ion Ratio Lower Upper
117 100
119 8.6 73.4 110.2#
121 0.0 24.4 36.6#

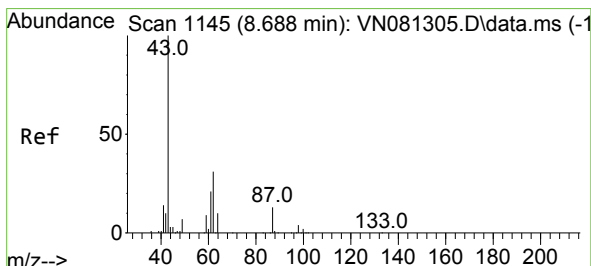
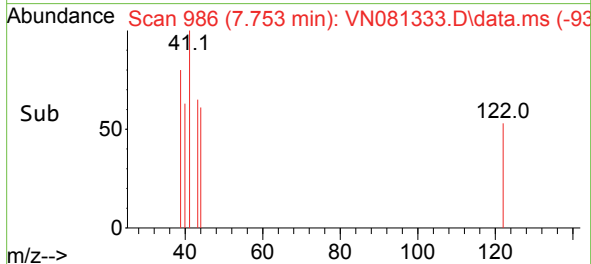
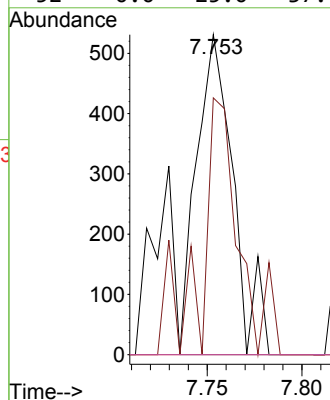
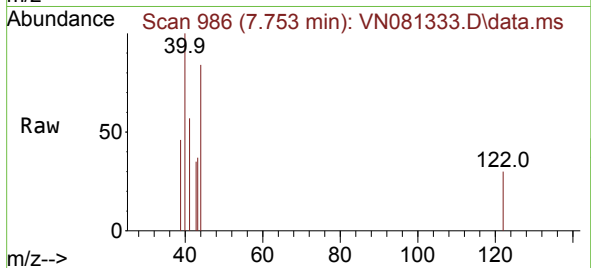




#41
Methacrylonitrile
Concen: 0.247 ug/l
RT: 7.753 min Scan# 911
Delta R.T. -0.023 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

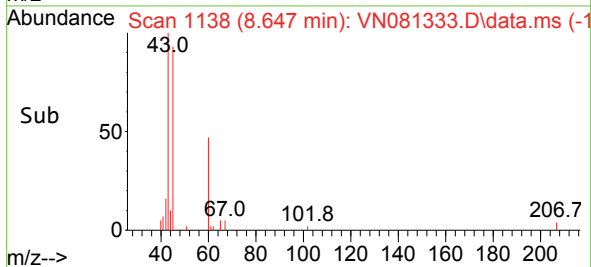
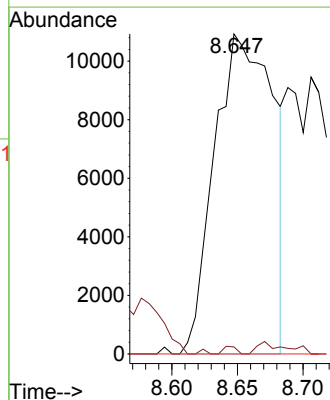
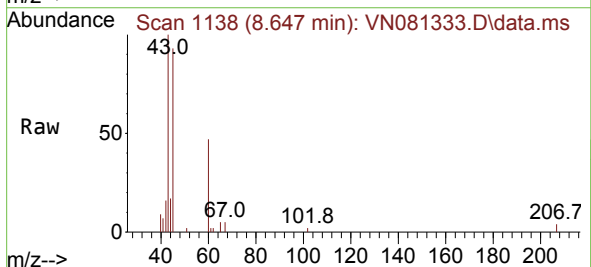
Instrument :
MSVOA_N
ClientSampleId :
1132

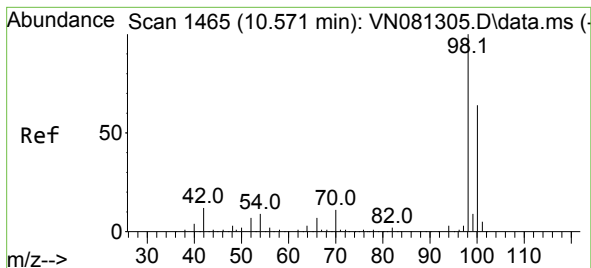
Tgt Ion:	41	Resp:	717
Ion	Ratio	Lower	Upper
41	100		
39	73.8	48.4	72.6#
67	0.0	56.8	85.2#
52	0.0	25.0	37.4#



#43
Isopropyl Acetate
Concen: 3.789 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.041 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

Tgt Ion:	43	Resp:	34073
Ion	Ratio	Lower	Upper
43	100		
61	0.5	19.9	29.9#
87	0.0	9.0	13.6#

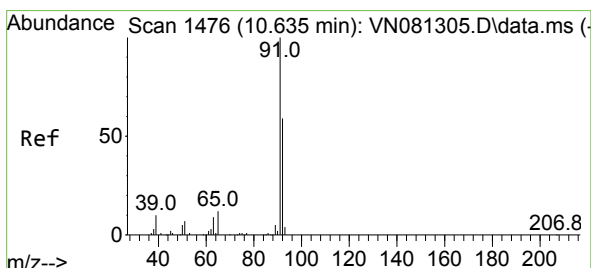
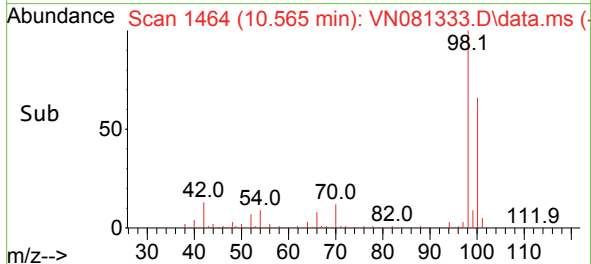
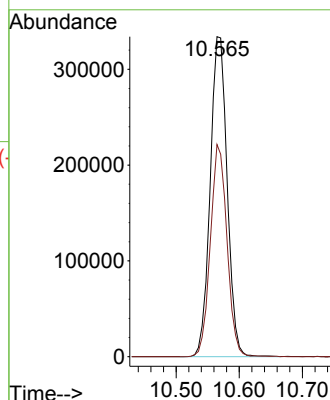
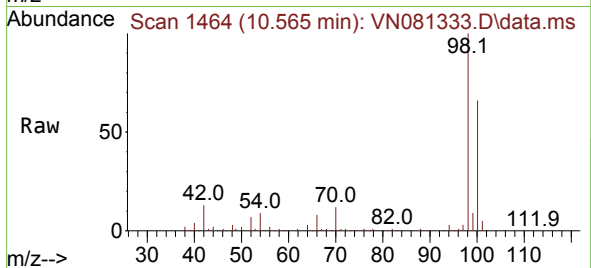




#50
Toluene-d8
Concen: 51.201 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

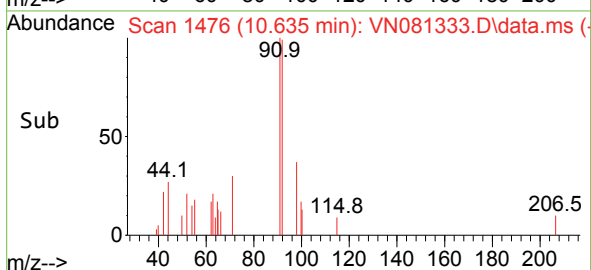
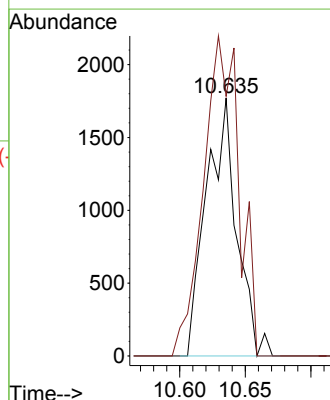
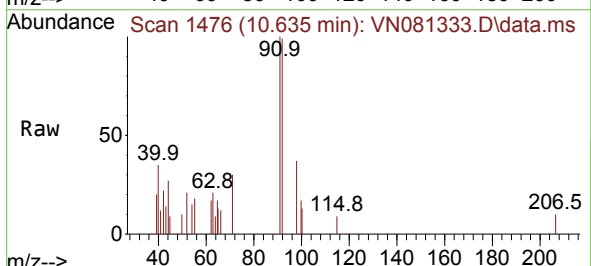
Instrument :
MSVOA_N
ClientSampleId :
1132

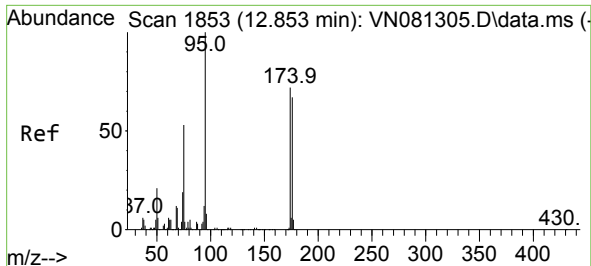
Tgt Ion: 98 Resp: 623572
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#52
Toluene
Concen: 0.301 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

Tgt Ion: 92 Resp: 2850
Ion Ratio Lower Upper
92 100
91 145.1 139.4 209.0

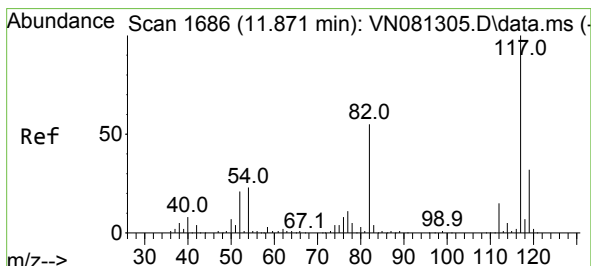
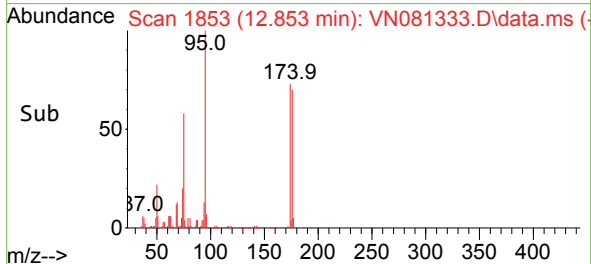
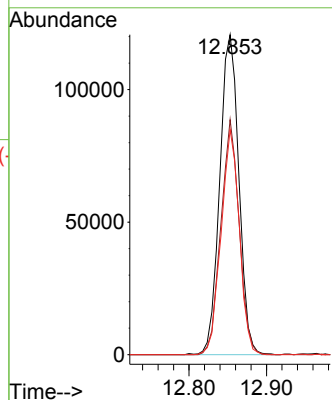
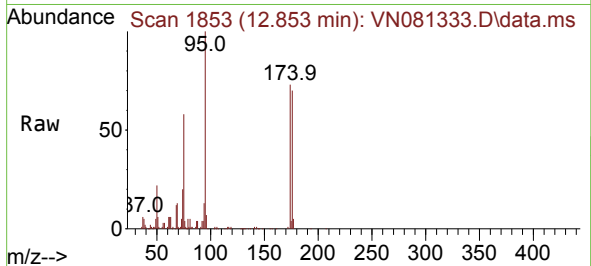




#62
4-Bromofluorobenzene
Concen: 48.041 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

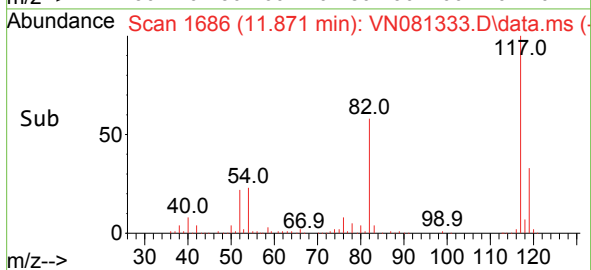
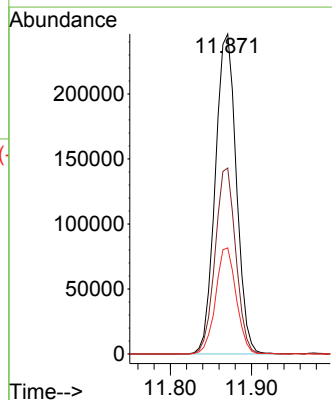
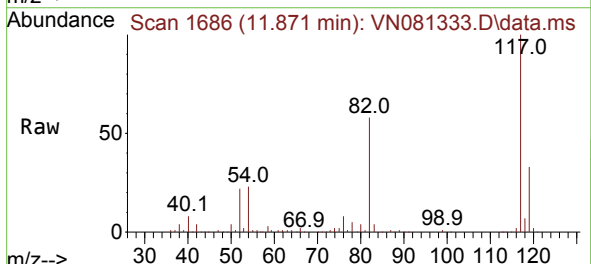
Instrument :
MSVOA_N
ClientSampleId :
1132

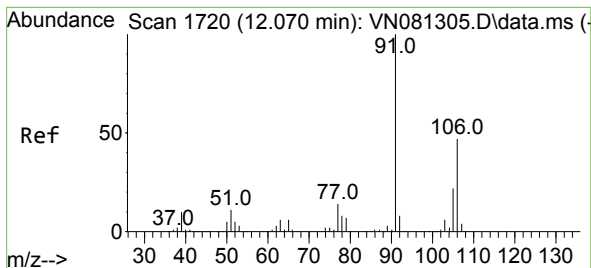
Tgt Ion: 95 Resp: 206793
Ion Ratio Lower Upper
95 100
174 70.3 0.0 120.4
176 67.1 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

Tgt Ion: 117 Resp: 444589
Ion Ratio Lower Upper
117 100
82 58.1 52.7 79.1
119 33.2 25.3 37.9

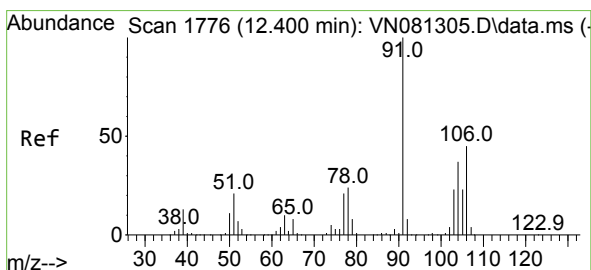
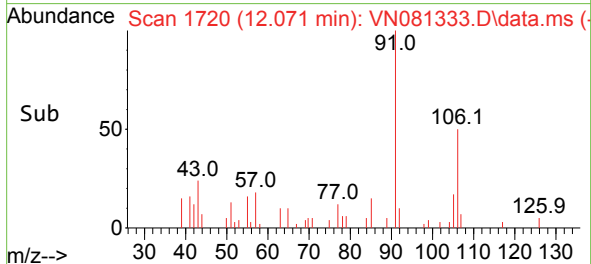
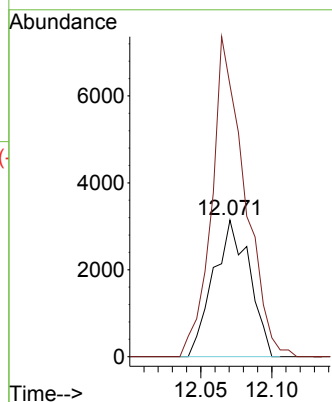
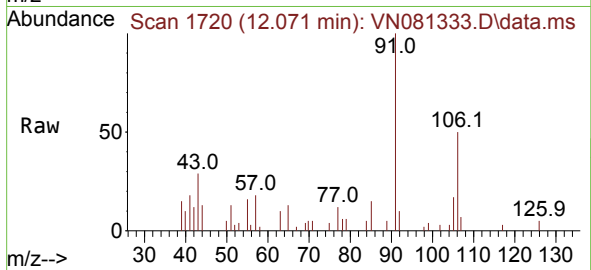




#68
m/p-Xylenes
Concen: 0.877 ug/l
RT: 12.071 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

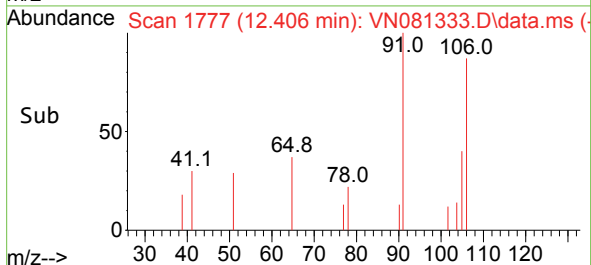
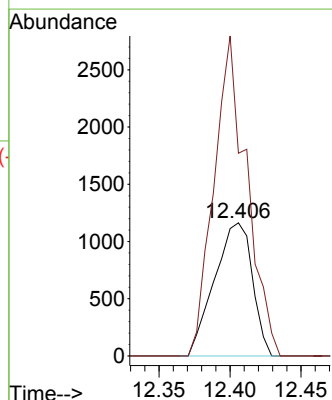
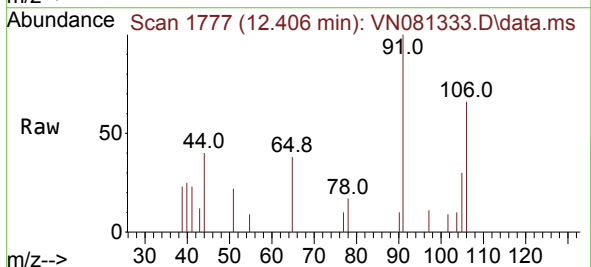
Instrument :
MSVOA_N
ClientSampleId :
1132

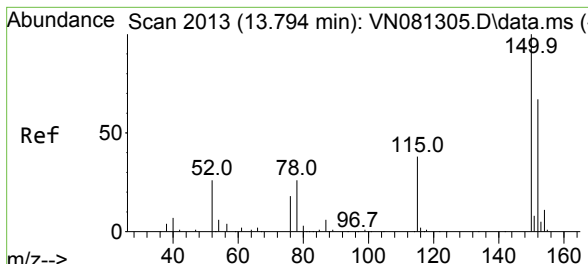
Tgt Ion:106 Resp: 5567
Ion Ratio Lower Upper
106 100
91 214.0 169.0 253.6



#69
o-Xylene
Concen: 0.350 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

Tgt Ion:106 Resp: 2155
Ion Ratio Lower Upper
106 100
91 208.9 112.1 336.3

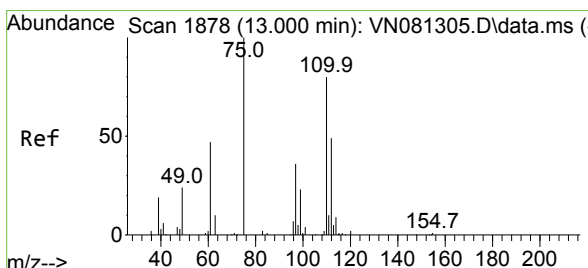
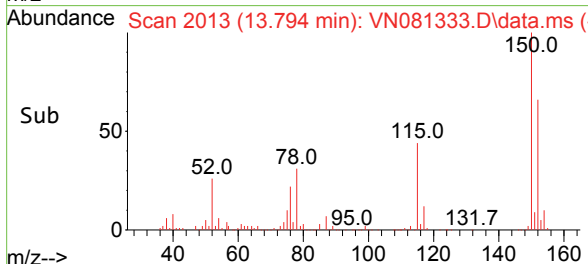
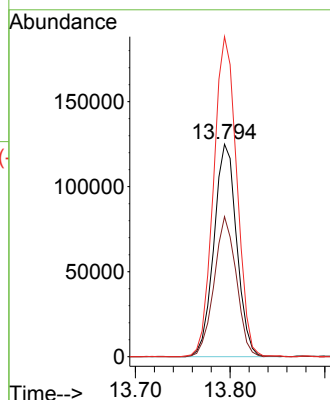
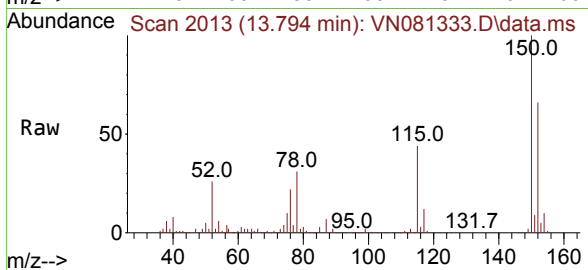




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081333.D
 Acq: 06 Mar 2024 17:51

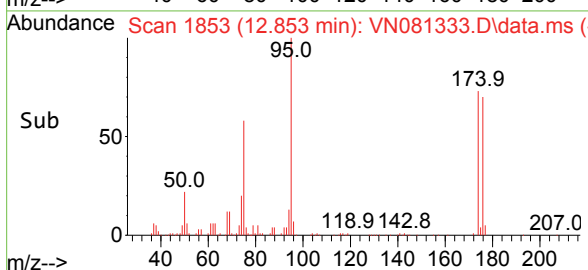
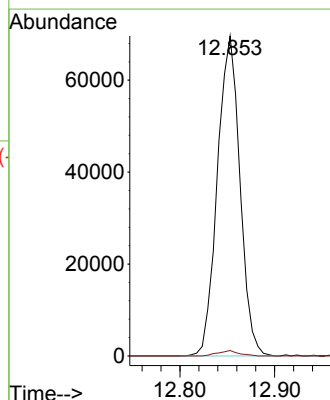
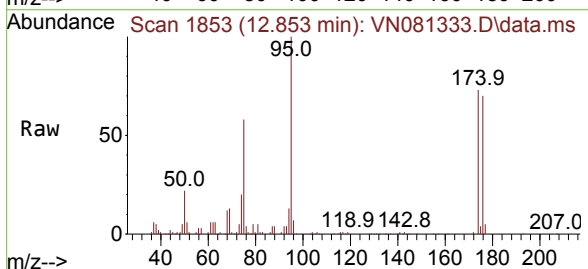
Instrument :
 MSVOA_N
 ClientSampleId :
 1132

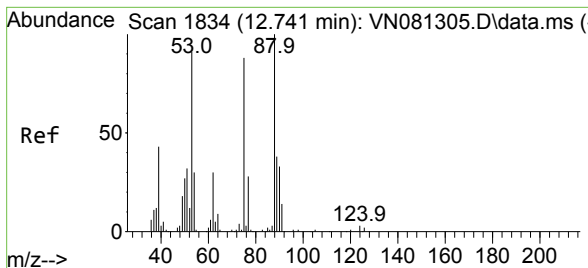
Tgt Ion:152 Resp: 208370
 Ion Ratio Lower Upper
 152 100
 115 64.4 32.3 96.8
 150 153.8 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 23.425 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN081333.D
 Acq: 06 Mar 2024 17:51

Tgt Ion: 75 Resp: 115290
 Ion Ratio Lower Upper
 75 100
 77 1.6 91.0 272.8#

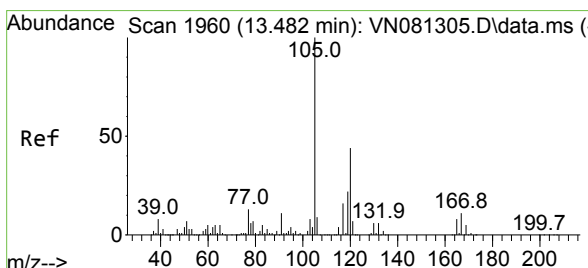
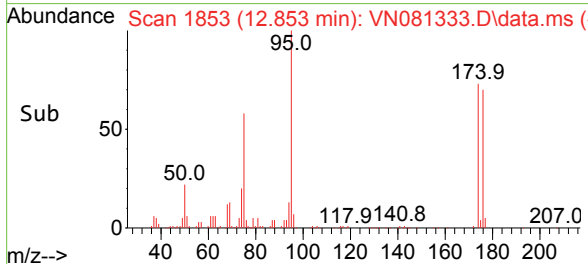
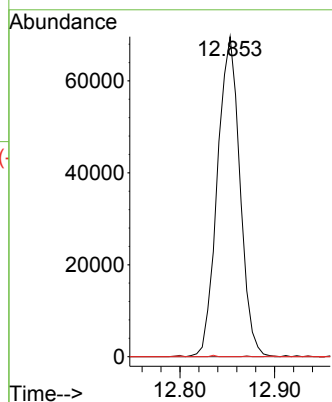
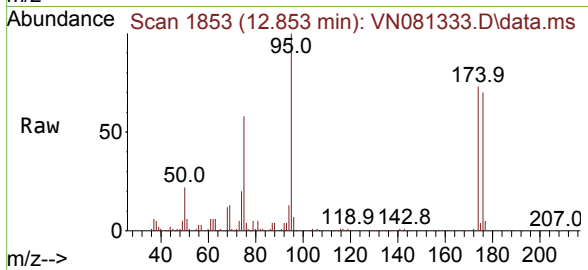




#81
trans-1,4-Dichloro-2-butene
Concen: 65.375 ug/l
RT: 12.853 min Scan# 1132
Delta R.T. 0.112 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

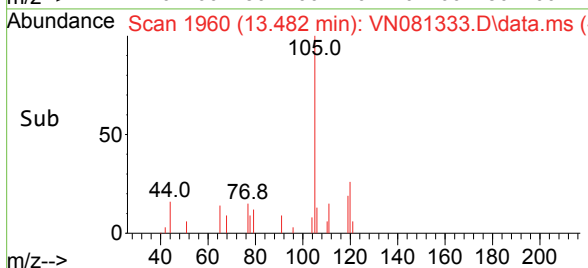
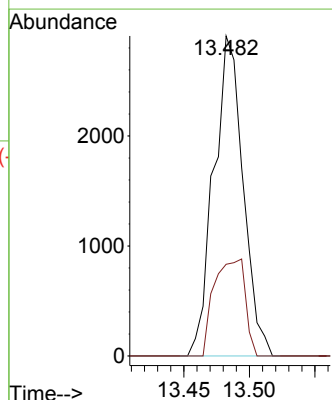
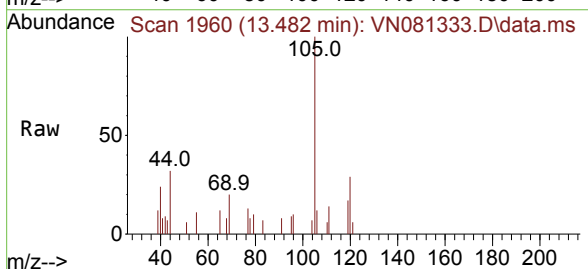
Instrument :
MSVOA_N
ClientSampleId :
1132

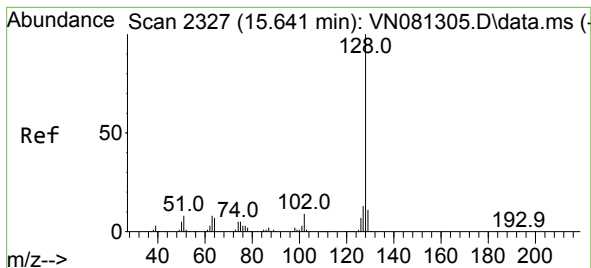
Tgt Ion: 75 Resp: 115290
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#



#84
1,2,4-Trimethylbenzene
Concen: 0.321 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081333.D
Acq: 06 Mar 2024 17:51

Tgt Ion: 105 Resp: 4523
Ion Ratio Lower Upper
105 100
120 31.9 20.9 62.7





#95

Naphthalene

Concen: 0.330 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081333.D

Acq: 06 Mar 2024 17:51

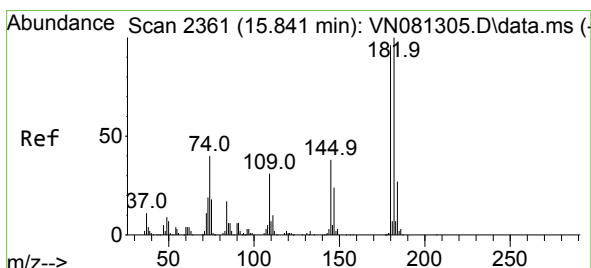
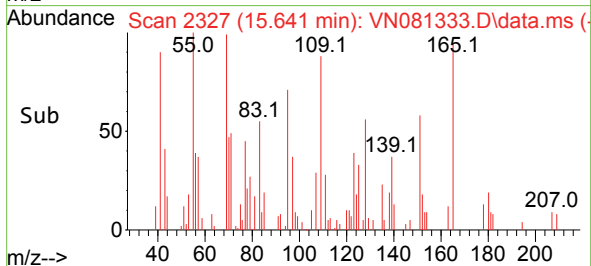
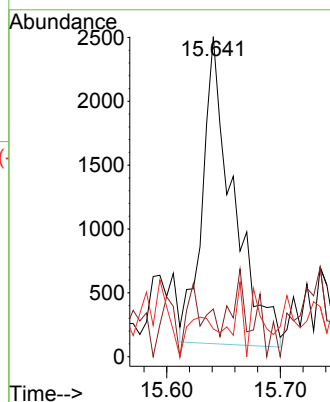
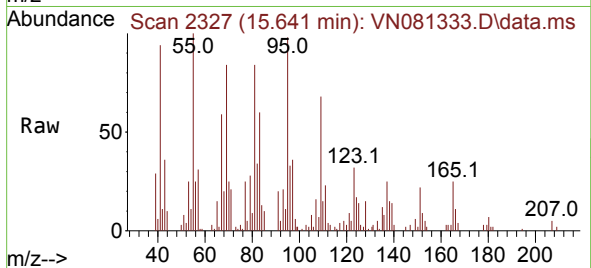
Instrument :

MSVOA_N

ClientSampleId :

1132

Tgt Ion:128	Resp:	4532
Ion Ratio	Lower	Upper
128	100	
127	11.7	10.0 15.0
129	12.0	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.311 ug/l

RT: 15.982 min Scan# 2385

Delta R.T. 0.141 min

Lab File: VN081333.D

Acq: 06 Mar 2024 17:51

Tgt Ion:180	Resp:	1220
Ion Ratio	Lower	Upper
180	100	
182	56.1	46.5 139.3
145	52.3	17.8 53.4

