

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
 Data File : VD078482.D
 Acq On : 20 Feb 2024 14:42
 Operator : RP/MD
 Sample : P1523-01
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20240763-COMPOSITE-39N-N-3-01

Quant Time: Feb 21 05:23:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

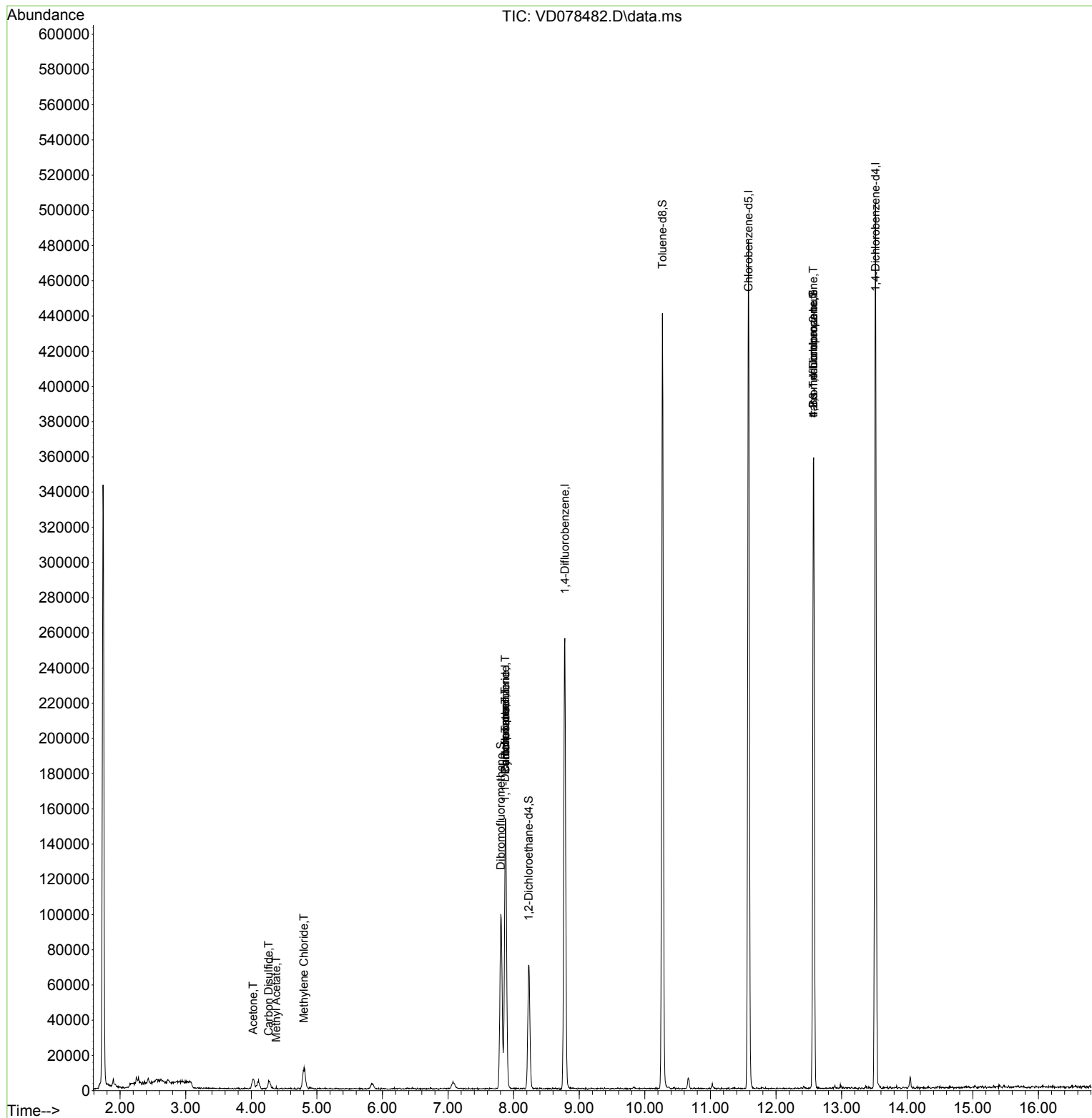
Internal Standards						
1) Pentafluorobenzene	7.875	168	118046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	232129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	281786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	130590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	55440	43.436	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 86.880%			
35) Dibromofluoromethane	7.805	113	74432	50.479	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.960%			
50) Toluene-d8	10.269	98	301378	51.094	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.180%			
62) 4-Bromofluorobenzene	12.569	95	110727	64.508	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 129.020%			
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	10275	19.706	ug/l #	85
17) Carbon Disulfide	4.264	76	8625	1.992	ug/l	97
18) Methyl Acetate	4.381	43	66	4.007	ug/l #	42
20) Methylene Chloride	4.805	84	9413	3.646	ug/l #	78
23) Vinyl Acetate	6.205	43	54	Below Cal	#	63
25) 2-Butanone	7.075	43	3857	Below Cal	#	74
31) Cyclohexane	7.875	56	2662	1.233	ug/l #	41
36) 1,1-Dichloropropene	7.869	75	10488	4.579	ug/l #	48
38) Carbon Tetrachloride	7.875	117	12044	5.309	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	58384	52.661	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	58384	109.326	ug/l #	17

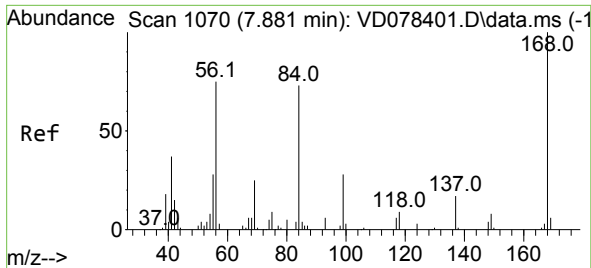
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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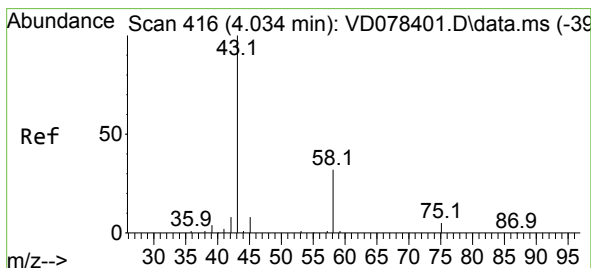
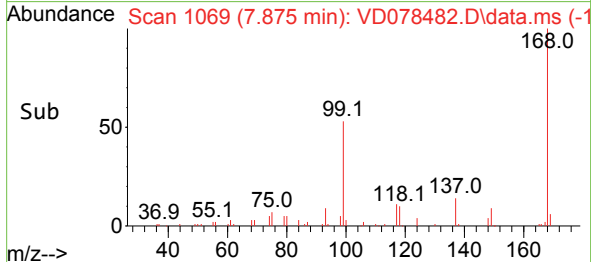
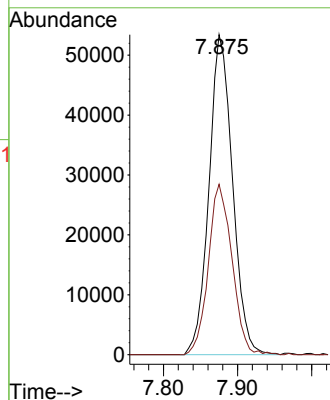
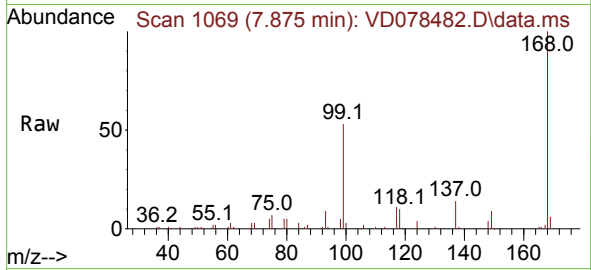




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

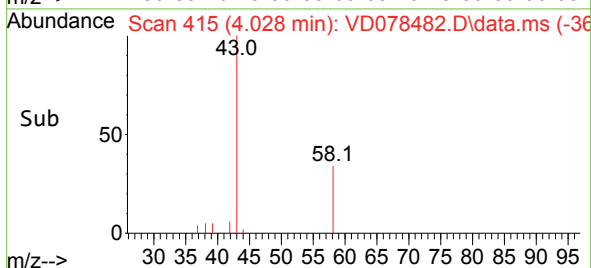
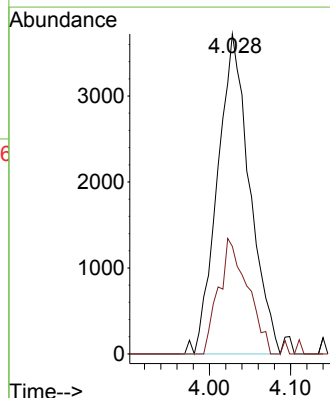
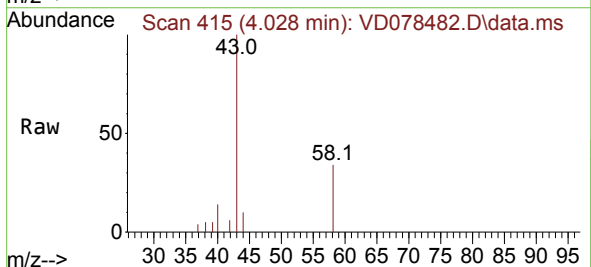
Instrument :
MSVOA_D
ClientSampleId :
20240763-COMPOSITE-39N-N-3-01

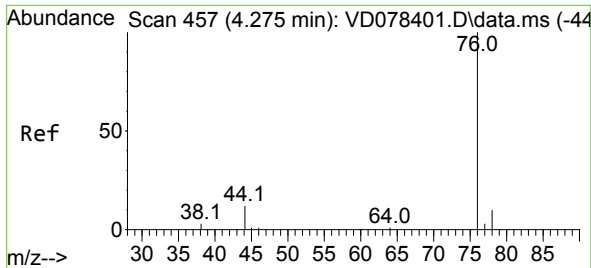
Tgt Ion:168 Resp: 118046
Ion Ratio Lower Upper
168 100
99 53.3 36.7 55.1



#16
Acetone
Concen: 19.706 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

Tgt Ion: 43 Resp: 10275
Ion Ratio Lower Upper
43 100
58 33.6 34.7 52.1#

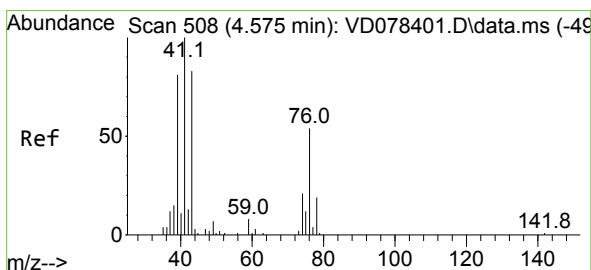
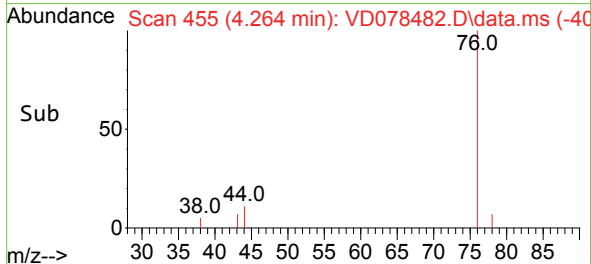
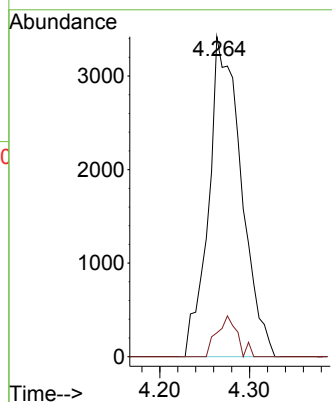
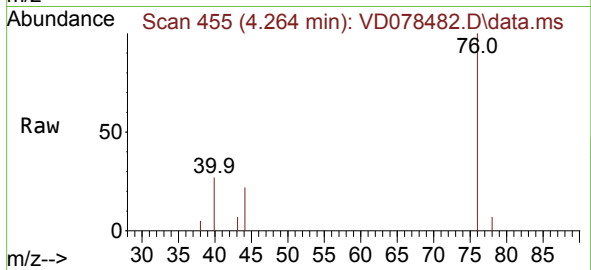




#17
Carbon Disulfide
Concen: 1.992 ug/l
RT: 4.264 min Scan# 411
Delta R.T. -0.012 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

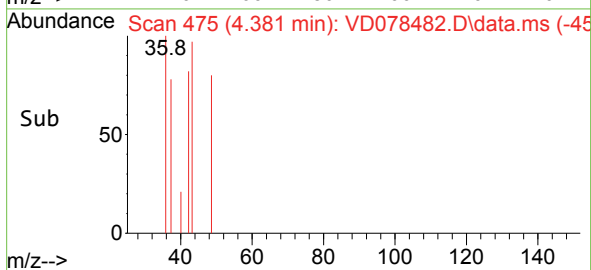
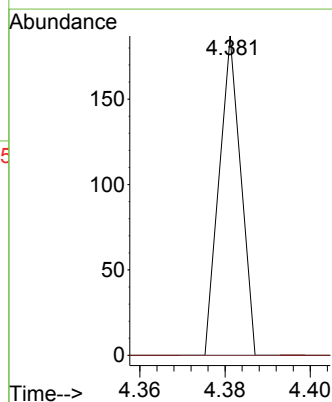
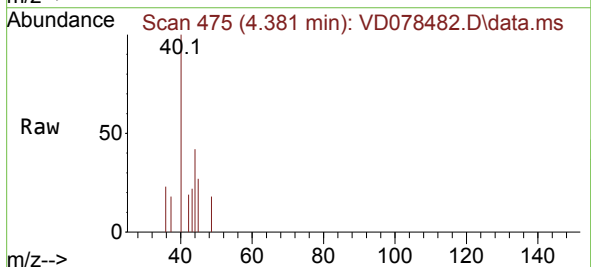
Instrument :
MSVOA_D
ClientSampleId :
20240763-COMPOSITE-39N-N-3-01

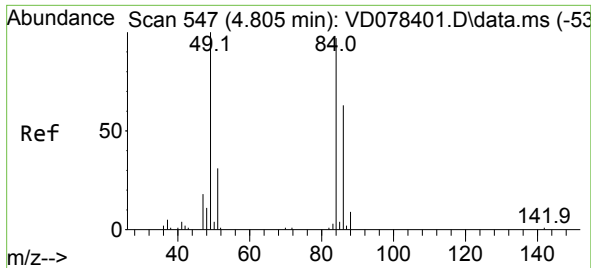
Tgt Ion: 76 Resp: 8625
Ion Ratio Lower Upper
76 100
78 7.4 6.8 10.2



#18
Methyl Acetate
Concen: 4.007 ug/l
RT: 4.381 min Scan# 475
Delta R.T. -0.194 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

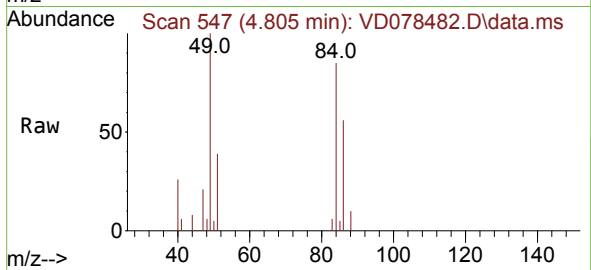
Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



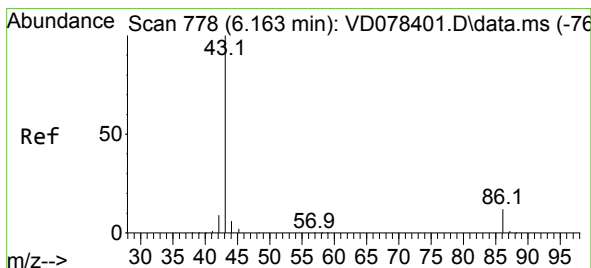
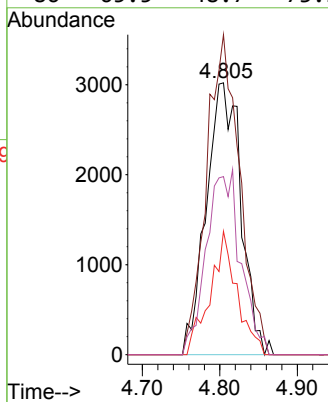
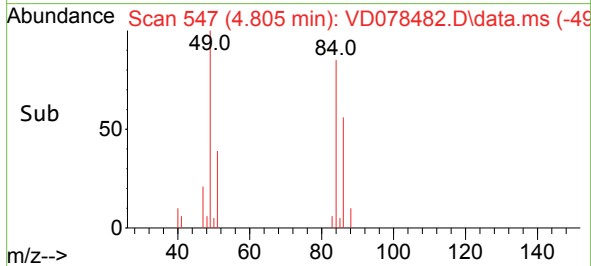


#20
Methylene Chloride
Concen: 3.646 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

Instrument :
MSVOA_D
ClientSampleId :
20240763-COMPOSITE-39N-N-3-01

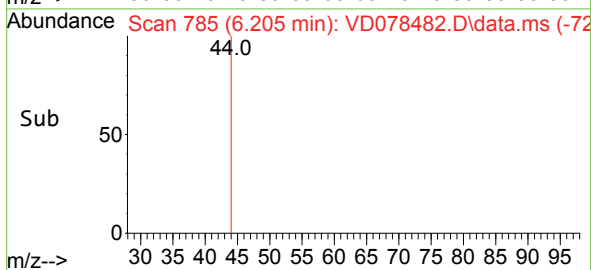
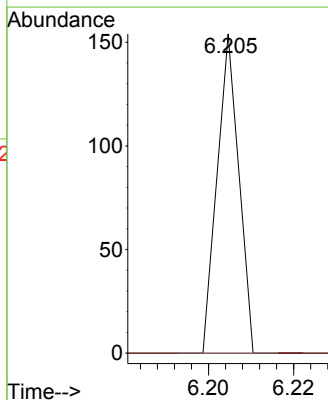
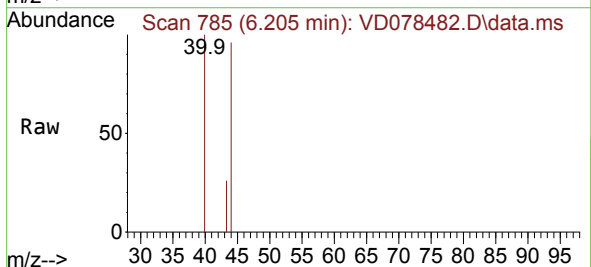


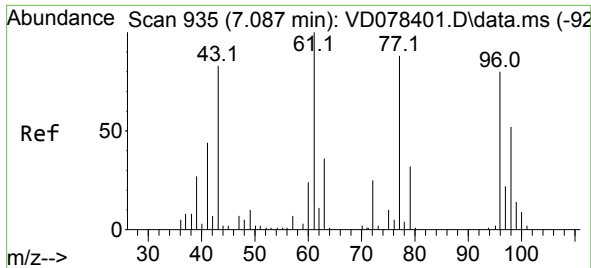
Tgt Ion:	84	Resp:	9413
Ion	Ratio	Lower	Upper
84	100		
49	117.7	71.4	107.2#
51	45.4	24.5	36.7#
86	65.5	48.7	73.1



#23
Vinyl Acetate
Concen: Below Cal
RT: 6.205 min Scan# 785
Delta R.T. 0.042 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

Tgt Ion:	43	Resp:	54
Ion	Ratio	Lower	Upper
43	100		
86	0.0	12.5	18.7#

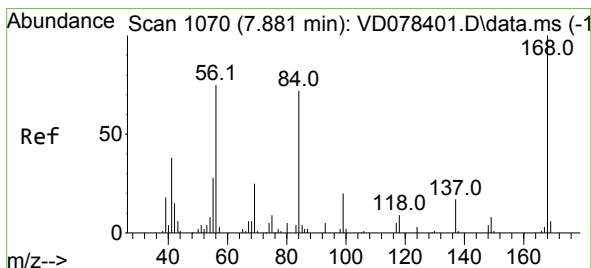
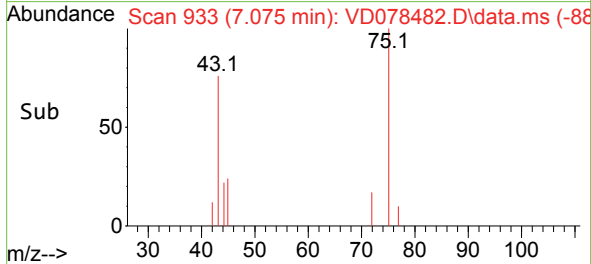
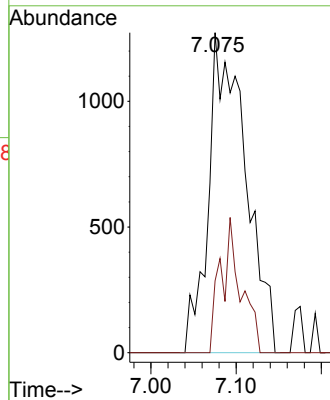
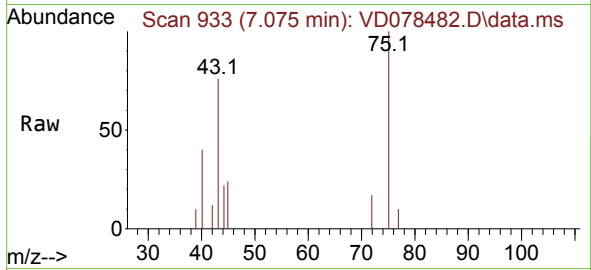




#25
2-Butanone
Concen: Below Cal
RT: 7.075 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

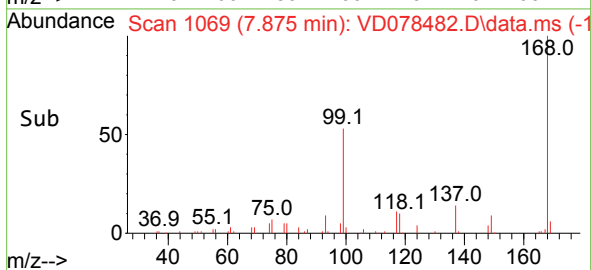
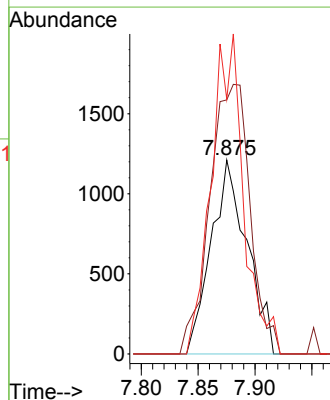
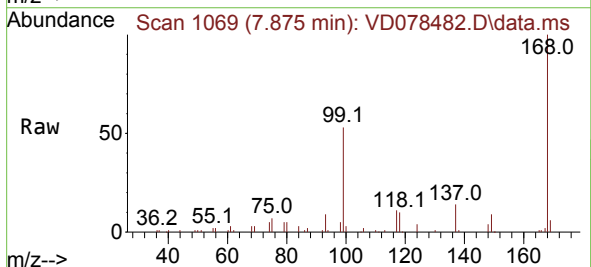
Instrument :
MSVOA_D
ClientSampleId :
20240763-COMPOSITE-39N-N-3-01

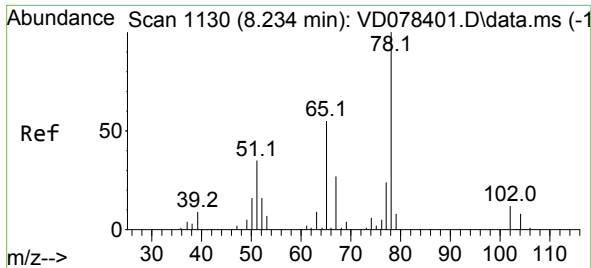
Tgt Ion: 43 Resp: 3857
Ion Ratio Lower Upper
43 100
72 22.5 30.7 46.1#



#31
Cyclohexane
Concen: 1.233 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

Tgt Ion: 56 Resp: 2662
Ion Ratio Lower Upper
56 100
69 131.0 28.6 43.0#
84 131.3 84.8 127.2#

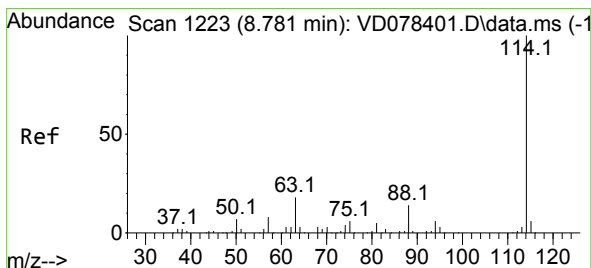
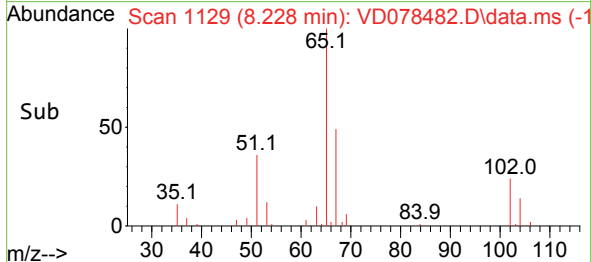
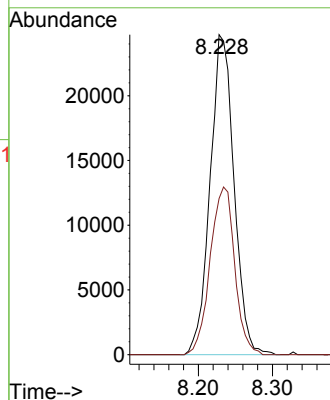
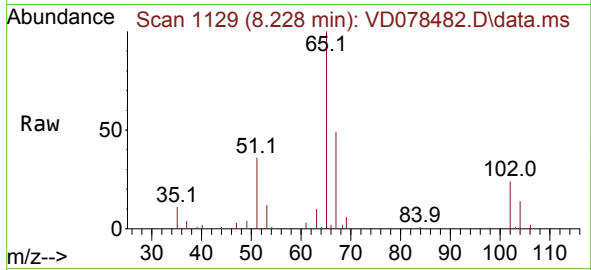




#33
1,2-Dichloroethane-d4
Concen: 43.436 ug/l
RT: 8.228 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

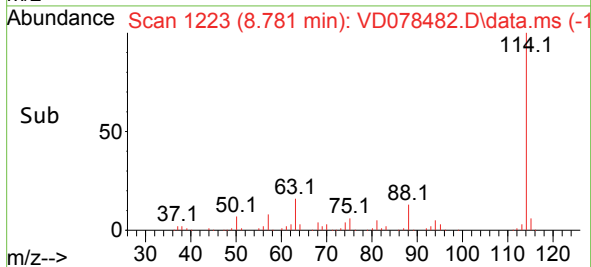
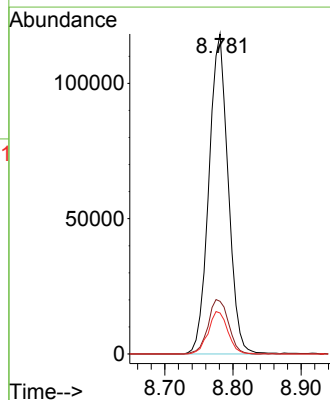
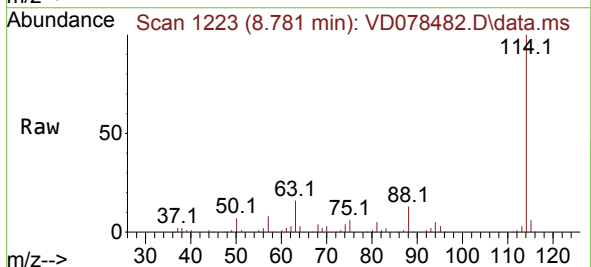
Instrument :
MSVOA_D
ClientSampleId :
20240763-COMPOSITE-39N-N-3-01

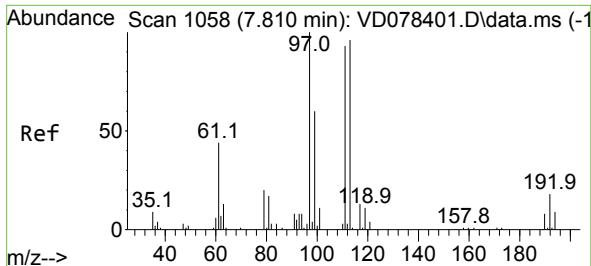
Tgt Ion: 65 Resp: 55440
Ion Ratio Lower Upper
65 100
67 53.7 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

Tgt Ion:114 Resp: 232129
Ion Ratio Lower Upper
114 100
63 16.5 0.0 33.4
88 12.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 50.479 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078482.D

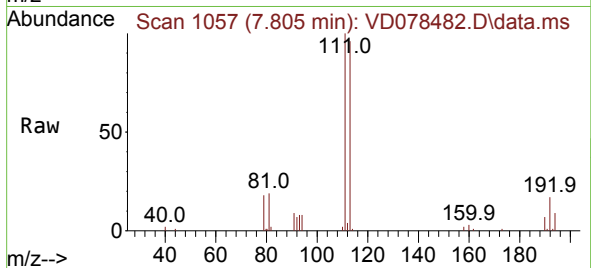
Acq: 20 Feb 2024 14:42

Instrument :

MSVOA_D

ClientSampleId :

20240763-COMPOSITE-39N-N-3-01



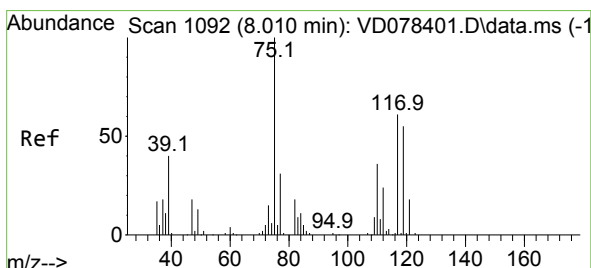
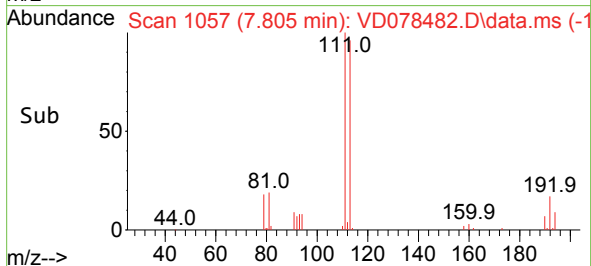
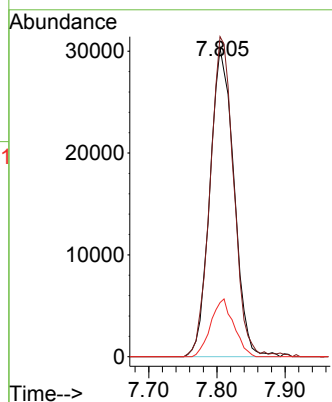
Tgt Ion:113 Resp: 74432

Ion Ratio Lower Upper

113 100

111 101.5 84.7 127.1

192 17.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.579 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD078482.D

Acq: 20 Feb 2024 14:42

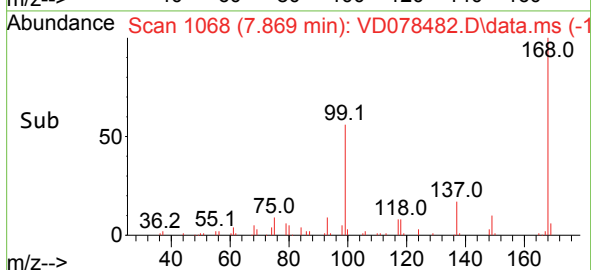
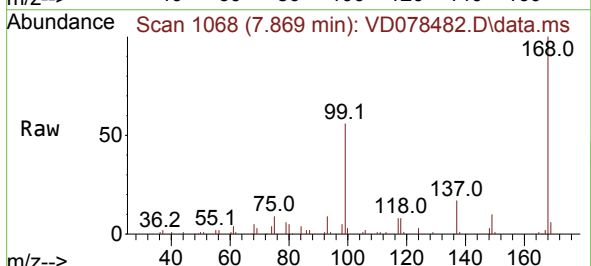
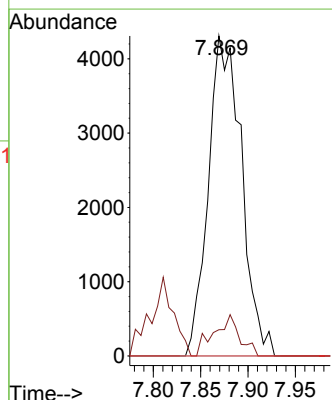
Tgt Ion: 75 Resp: 10488

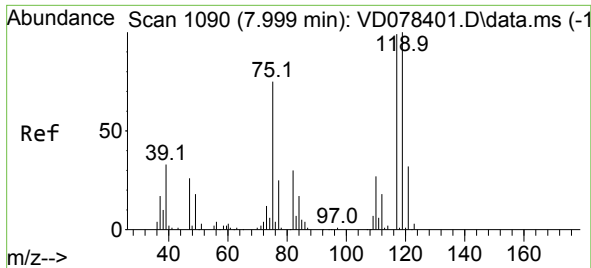
Ion Ratio Lower Upper

75 100

110 9.9 19.9 59.6#

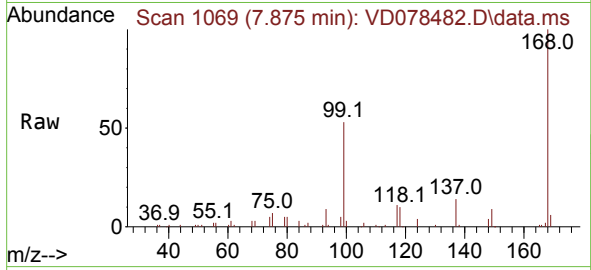
77 0.0 24.7 37.1#



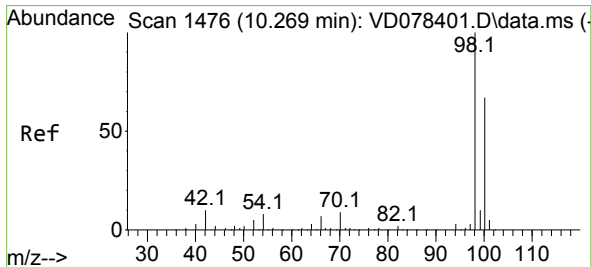
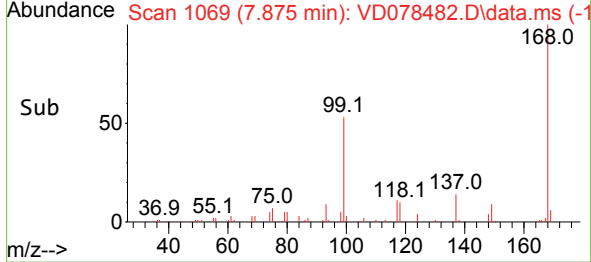
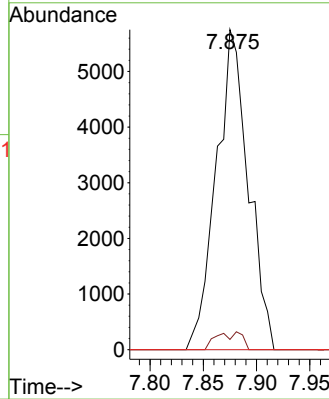


#38
Carbon Tetrachloride
Concen: 5.309 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.124 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

Instrument : MSVOA_D
ClientSampleId : 20240763-COMPOSITE-39N-N-3-01

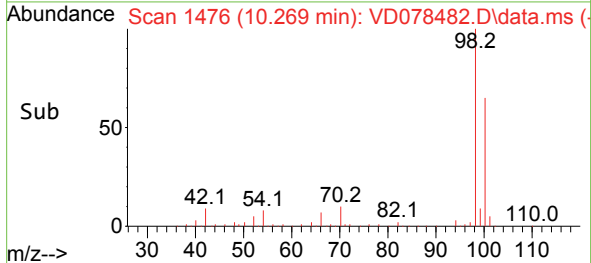
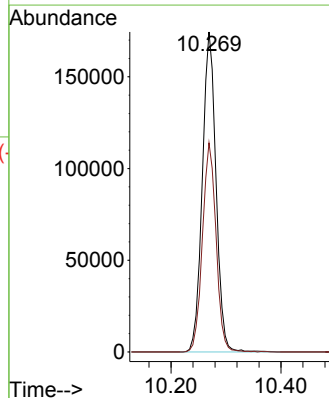
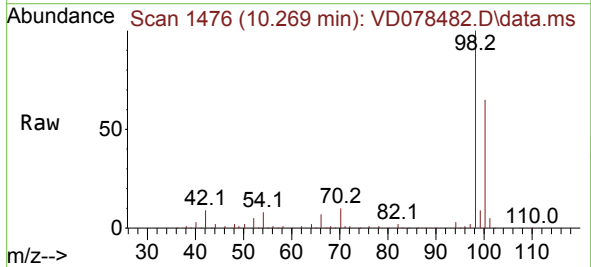


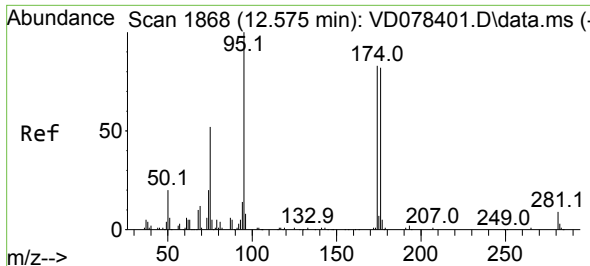
Tgt Ion:117 Resp: 12044
Ion Ratio Lower Upper
117 100
119 3.2 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.094 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

Tgt Ion: 98 Resp: 301378
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5

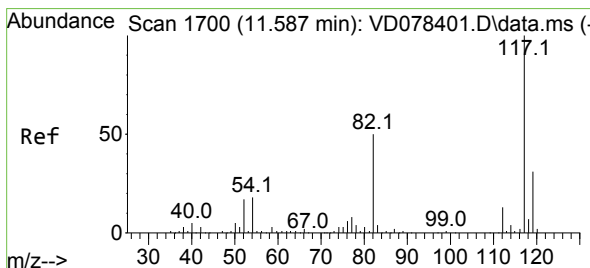
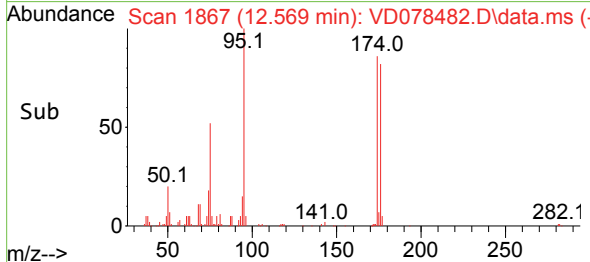
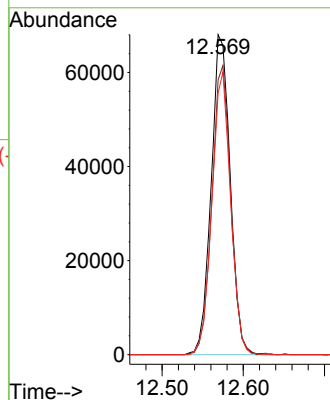
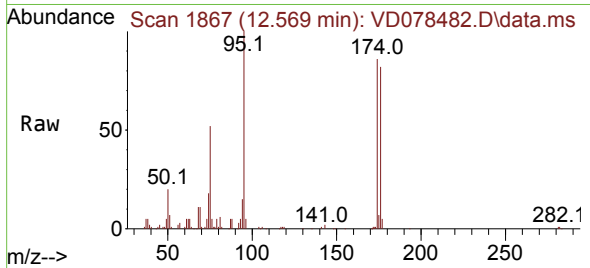




#62
4-Bromofluorobenzene
Concen: 64.508 ug/l
RT: 12.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

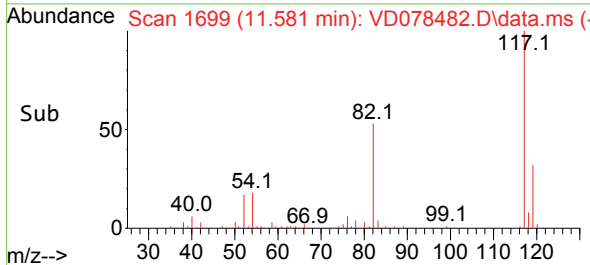
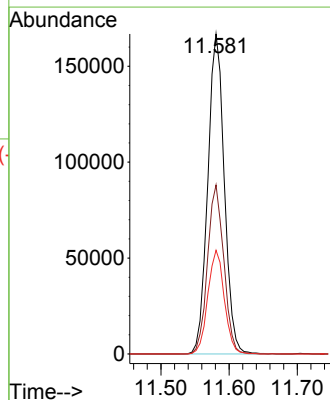
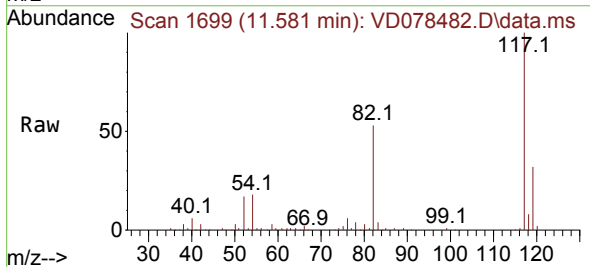
Instrument :
MSVOA_D
ClientSampleId :
20240763-COMPOSITE-39N-N-3-01

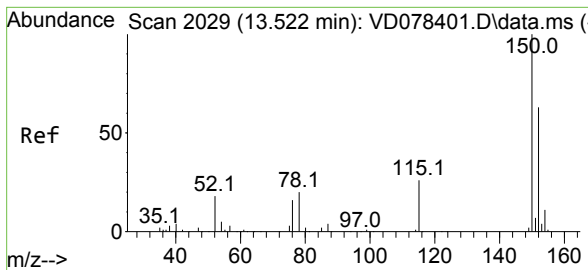
Tgt Ion: 95 Resp: 110727
Ion Ratio Lower Upper
95 100
174 89.6 0.0 201.8
176 86.4 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078482.D
Acq: 20 Feb 2024 14:42

Tgt Ion: 117 Resp: 281786
Ion Ratio Lower Upper
117 100
82 52.8 38.3 57.5
119 32.4 25.0 37.4

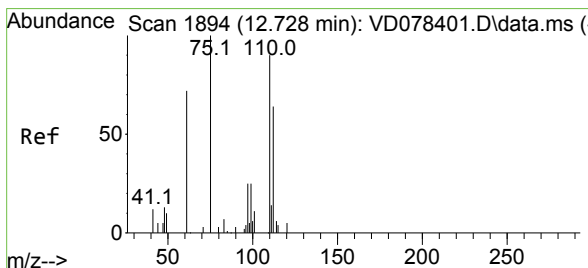
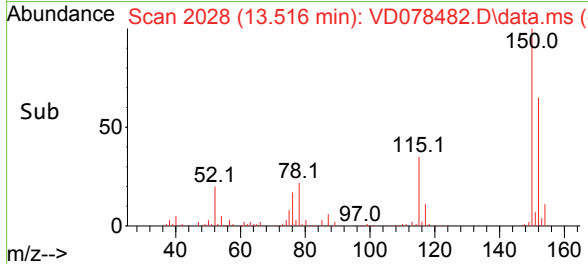
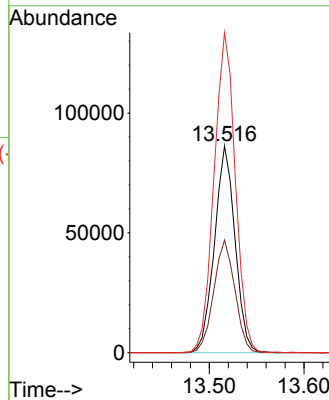
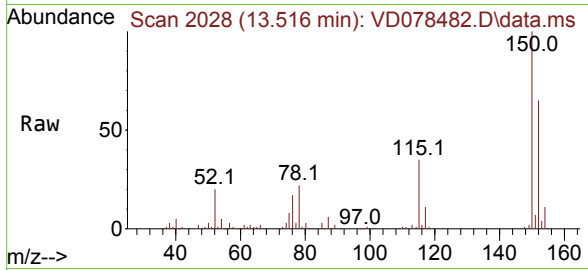




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD078482.D
 Acq: 20 Feb 2024 14:42

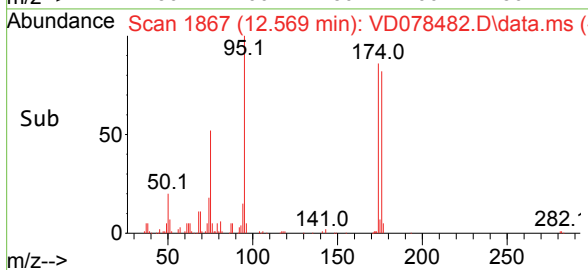
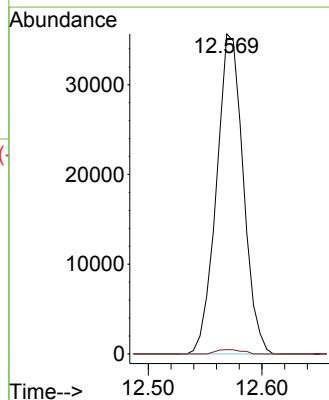
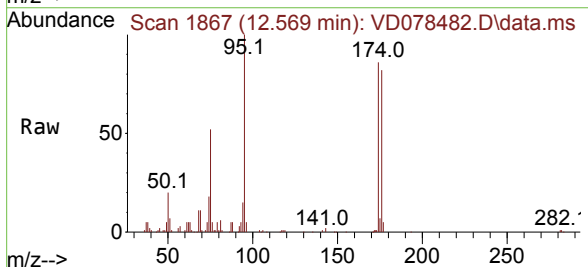
Instrument :
 MSVOA_D
 ClientSampleId :
 20240763-COMPOSITE-39N-N-3-01

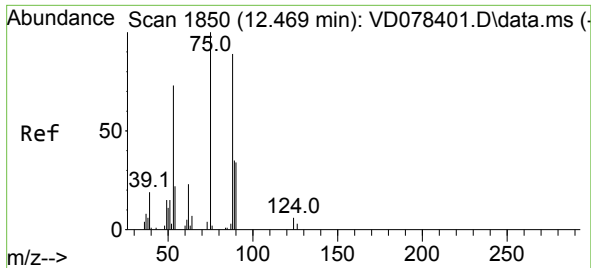
Tgt Ion:152 Resp: 130590
 Ion Ratio Lower Upper
 152 100
 115 55.9 27.1 81.3
 150 159.8 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 52.661 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.159 min
 Lab File: VD078482.D
 Acq: 20 Feb 2024 14:42

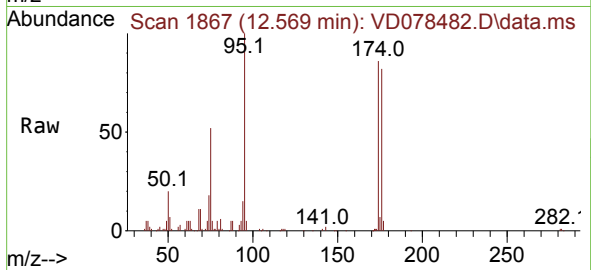
Tgt Ion: 75 Resp: 58384
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.326 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD078482.D
 Acq: 20 Feb 2024 14:42

Instrument :
 MSVOA_D
 ClientSampleId :
 20240763-COMPOSITE-39N-N-3-01



Tgt Ion:	75	Resp:	58384
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

