

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078514.D
 Acq On : 22 Feb 2024 13:43
 Operator : RP/MD
 Sample : P1538-01RE
 Misc : 5.06G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241096-COMPOSITE-35N-N-4-01

Quant Time: Feb 23 01:03:17 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)

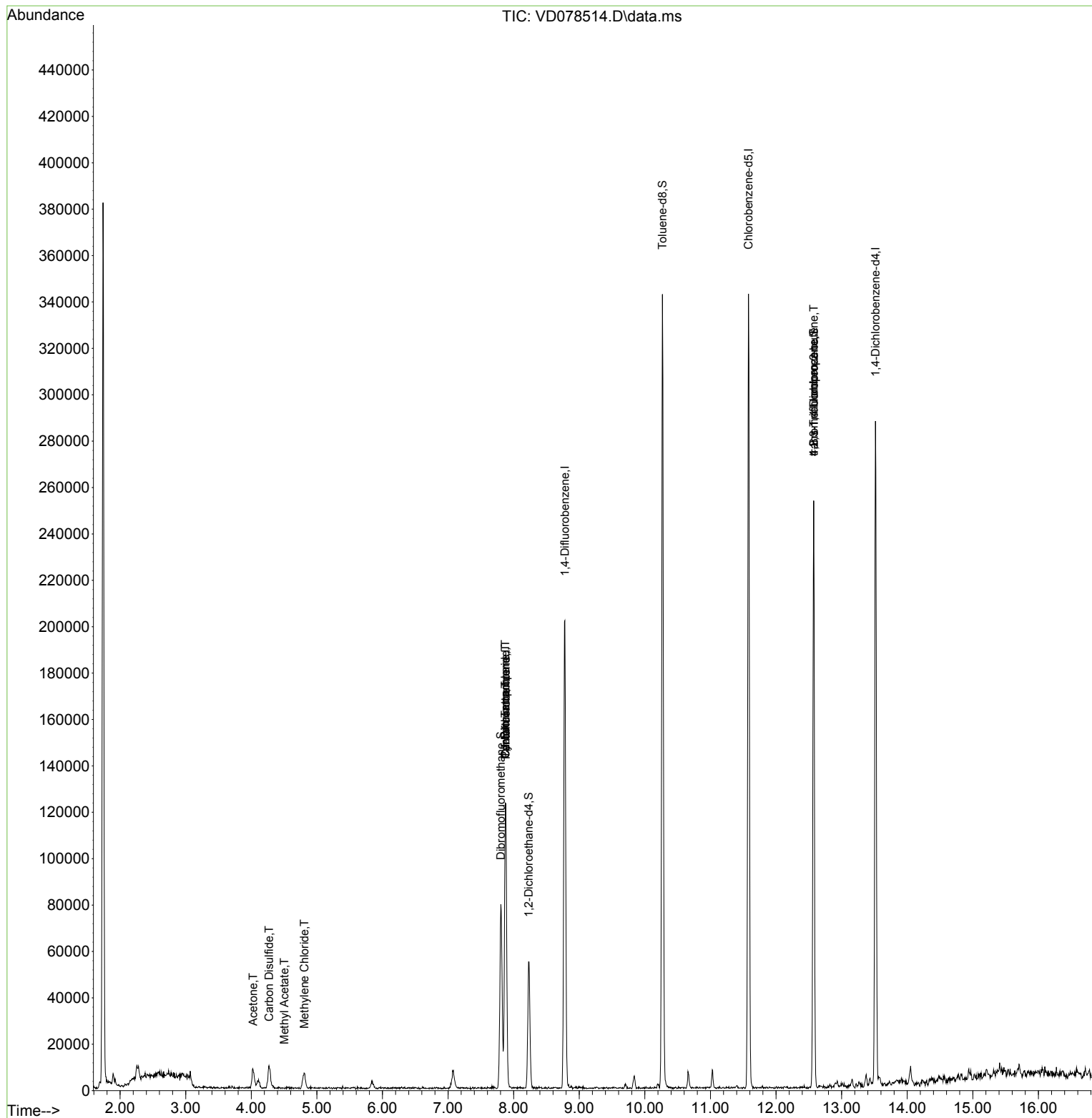
Internal Standards						
1) Pentafluorobenzene	7.881	168	99438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	187854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	203024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	78556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42476	39.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.020%
35) Dibromofluoromethane	7.804	113	59462	49.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.660%
50) Toluene-d8	10.269	98	235751	49.388	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.780%
62) 4-Bromofluorobenzene	12.575	95	74899	53.919	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.840%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	13684	45.736	ug/l #	75
17) Carbon Disulfide	4.269	76	18594	5.098	ug/l #	83
18) Methyl Acetate	4.505	43	54	4.005	ug/l #	42
20) Methylene Chloride	4.810	84	5548	1.562	ug/l #	88
23) Vinyl Acetate	6.199	43	58	Below Cal	#	63
25) 2-Butanone	7.099	43	3892	Below Cal		97
31) Cyclohexane	7.875	56	2250	1.237	ug/l #	25
36) 1,1-Dichloropropene	7.875	75	8064	4.350	ug/l #	45
38) Carbon Tetrachloride	7.875	117	9466	5.156	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	40626	60.916	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	40626	126.463	ug/l #	17

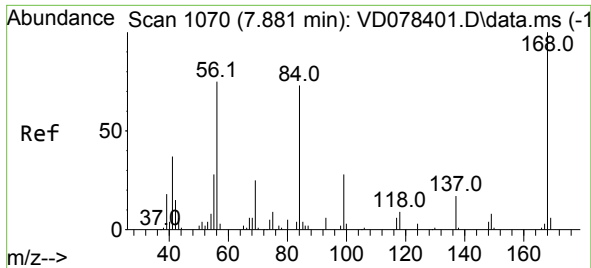
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

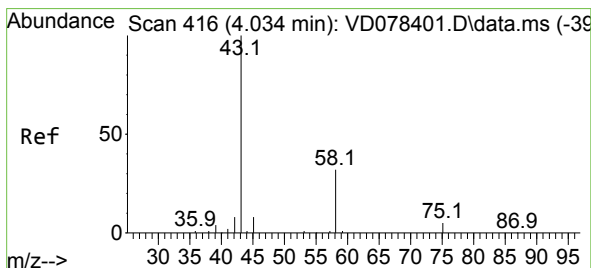
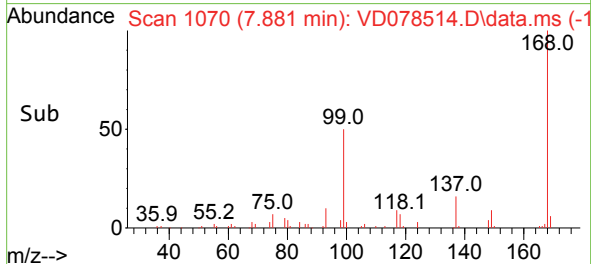
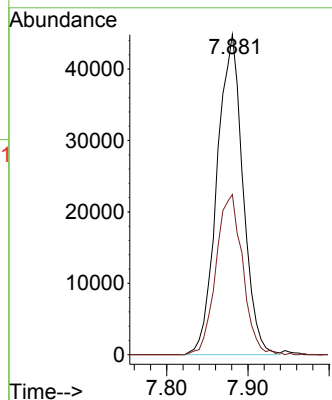
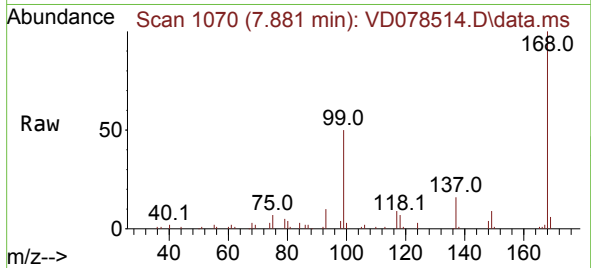




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

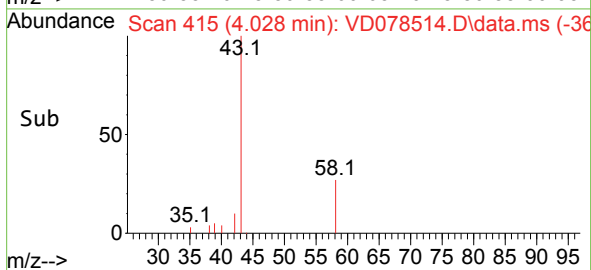
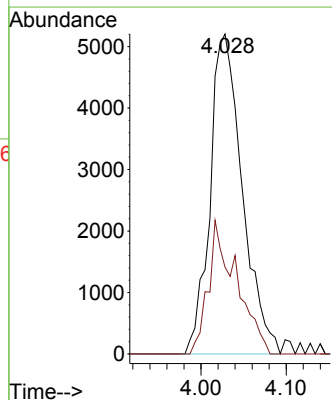
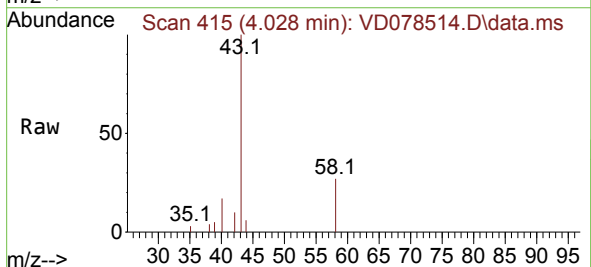
Instrument : MSVOA_D
ClientSampleId : 20241096-COMPOSITE-35N-N-4-01

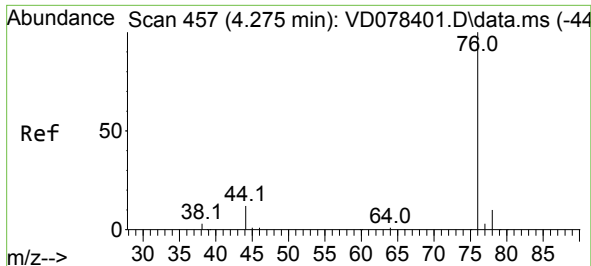
Tgt Ion:168 Resp: 99438
Ion Ratio Lower Upper
168 100
99 50.0 36.7 55.1



#16
Acetone
Concen: 45.736 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

Tgt Ion: 43 Resp: 13684
Ion Ratio Lower Upper
43 100
58 27.1 34.7 52.1#

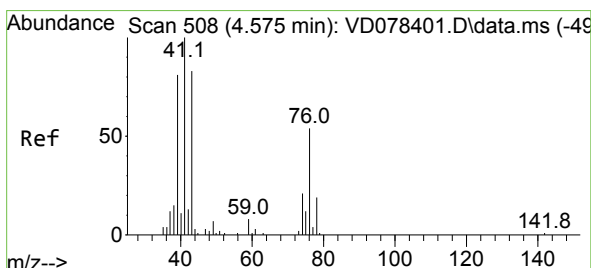
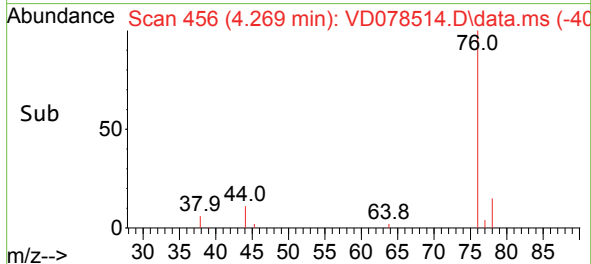
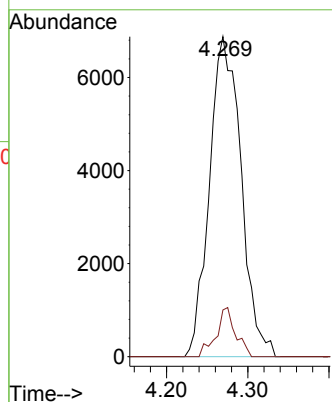
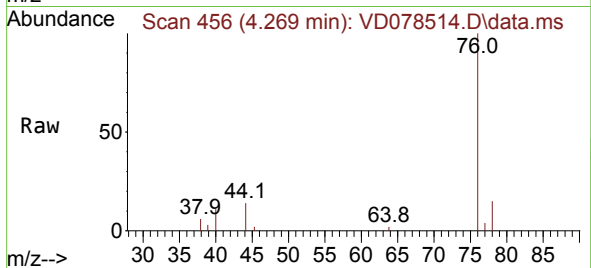




#17
Carbon Disulfide
Concen: 5.098 ug/l
RT: 4.269 min Scan# 417
Delta R.T. -0.006 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

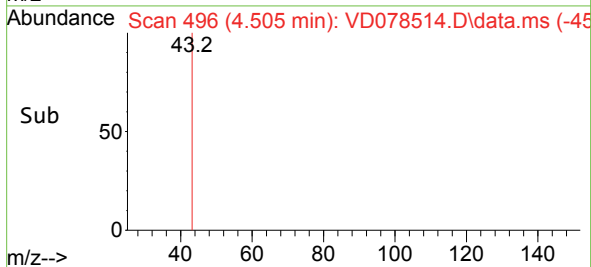
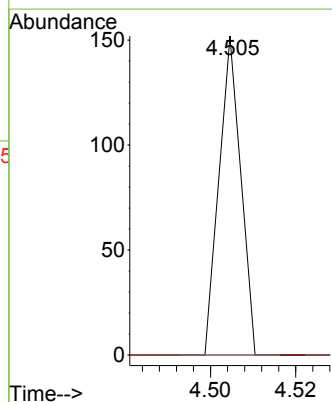
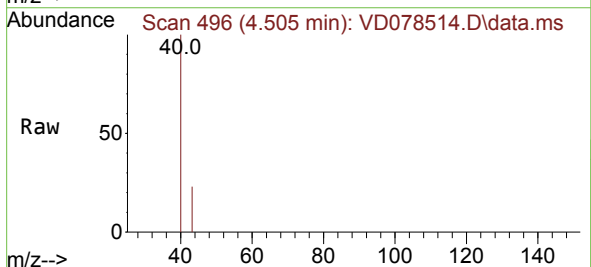
Instrument :
MSVOA_D
ClientSampleId :
20241096-COMPOSITE-35N-N-4-01

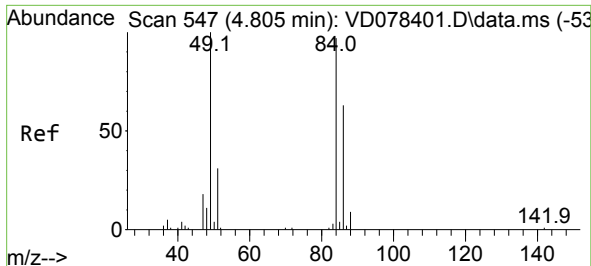
Tgt Ion: 76 Resp: 18594
Ion Ratio Lower Upper
76 100
78 14.6 6.8 10.2#



#18
Methyl Acetate
Concen: 4.005 ug/l
RT: 4.505 min Scan# 496
Delta R.T. -0.070 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

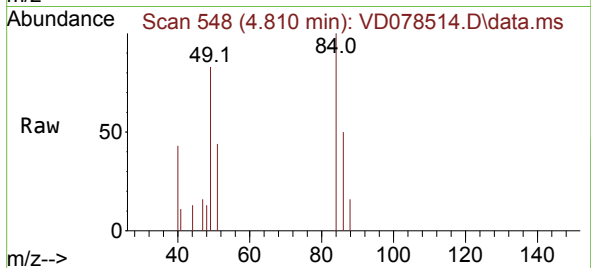
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



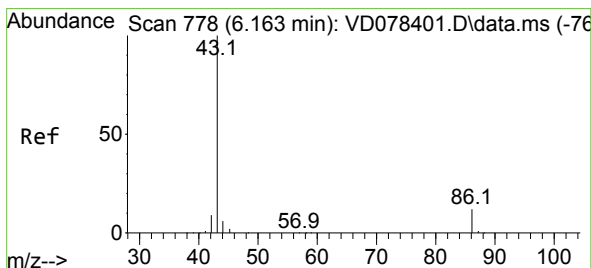
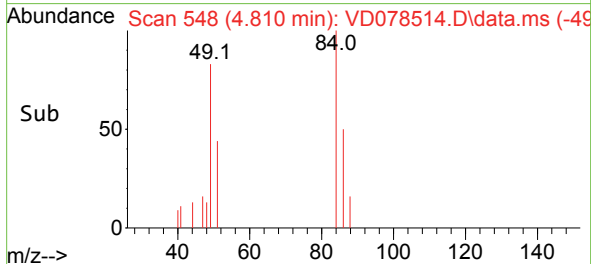
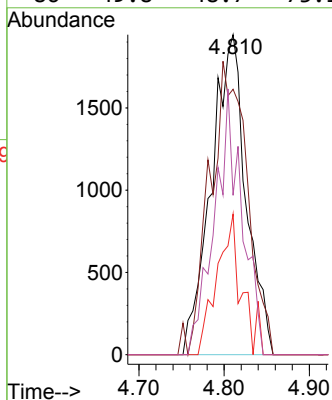


#20
Methylene Chloride
Concen: 1.562 ug/l
RT: 4.810 min Scan# 547
Delta R.T. 0.005 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

Instrument :
MSVOA_D
ClientSampleId :
20241096-COMPOSITE-35N-N-4-01

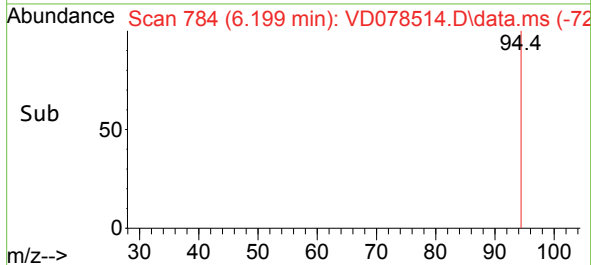
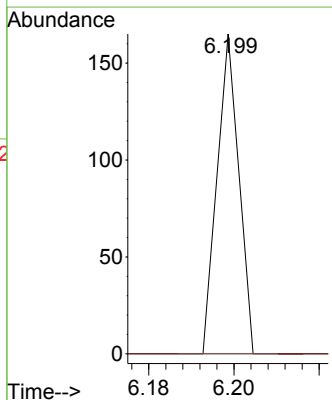
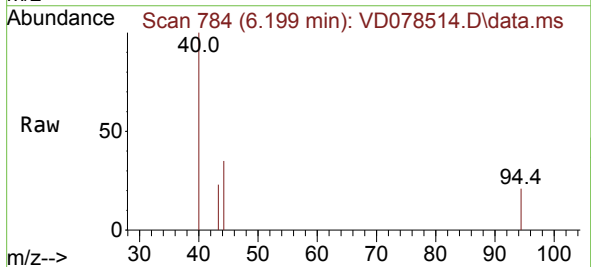


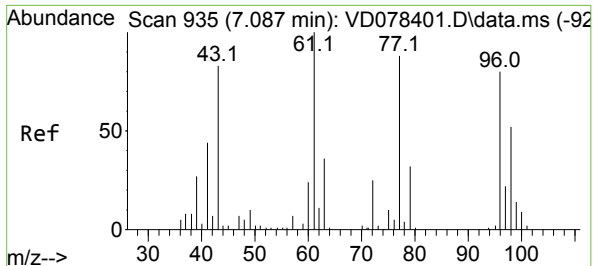
Tgt Ion: 84 Resp: 5548
Ion Ratio Lower Upper
84 100
49 82.9 71.4 107.2
51 44.0 24.5 36.7#
86 49.8 48.7 73.1



#23
Vinyl Acetate
Concen: Below Cal
RT: 6.199 min Scan# 784
Delta R.T. 0.036 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
86 0.0 12.5 18.7#





#25

2-Butanone

Concen: Below Cal

RT: 7.099 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD078514.D

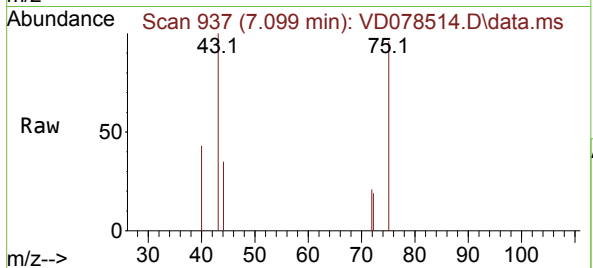
Acq: 22 Feb 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :

20241096-COMPOSITE-35N-N-4-01

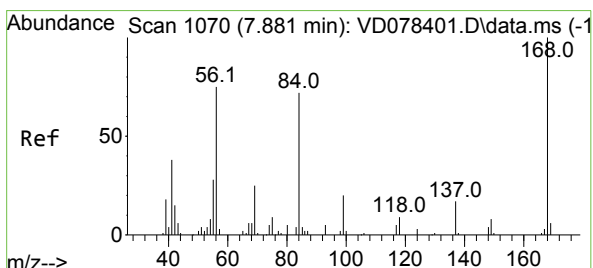
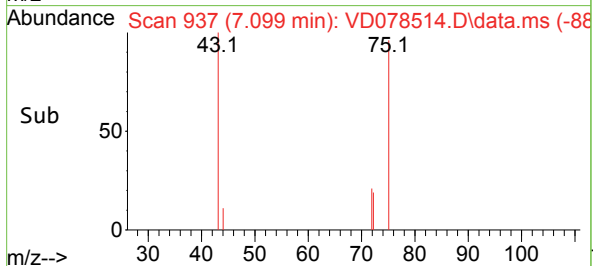
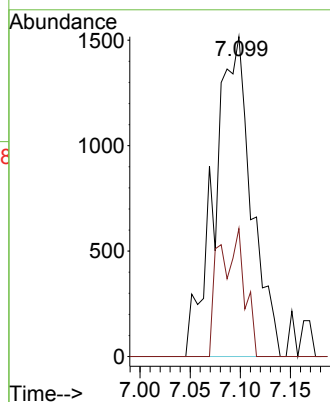


Tgt Ion: 43 Resp: 3892

Ion Ratio Lower Upper

43 100

72 40.0 30.7 46.1



#31

Cyclohexane

Concen: 1.237 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078514.D

Acq: 22 Feb 2024 13:43

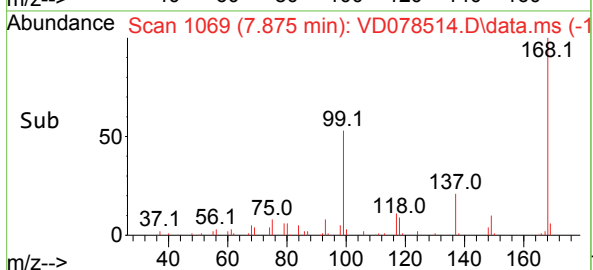
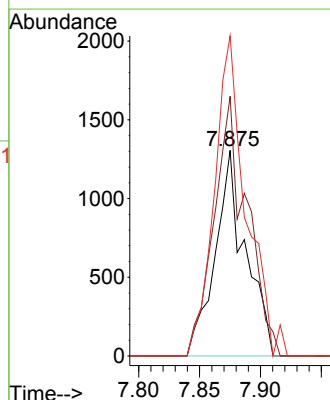
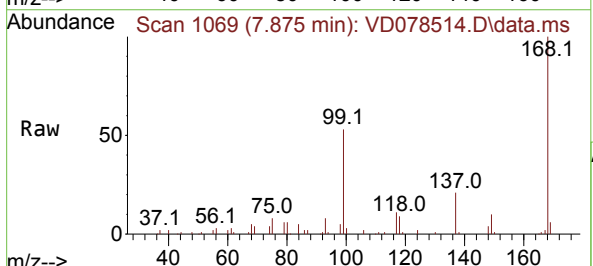
Tgt Ion: 56 Resp: 2250

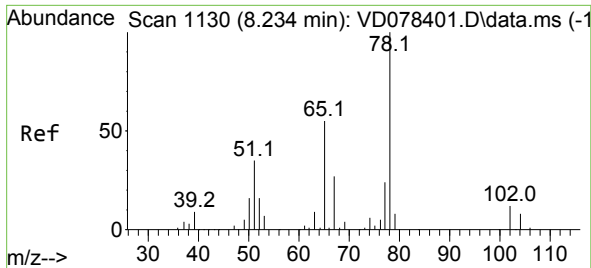
Ion Ratio Lower Upper

56 100

69 126.3 28.6 43.0#

84 155.7 84.8 127.2#

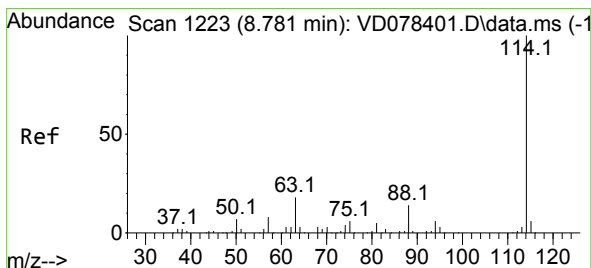
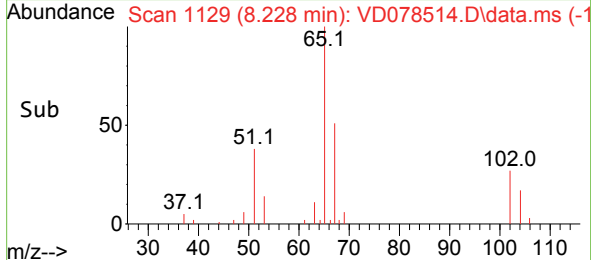
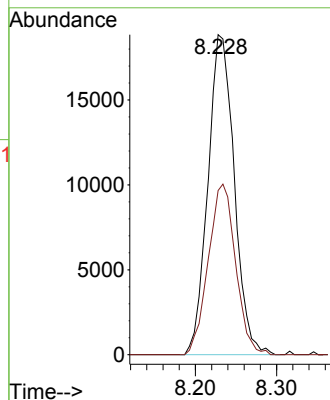
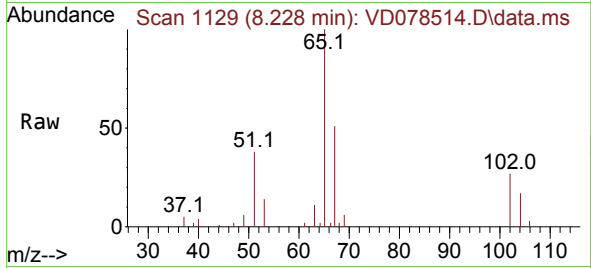




#33
 1,2-Dichloroethane-d4
 Concen: 39.506 ug/l
 RT: 8.228 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VD078514.D
 Acq: 22 Feb 2024 13:43

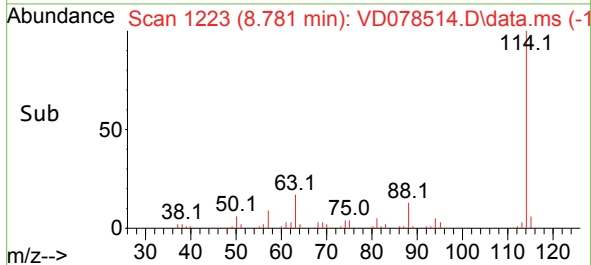
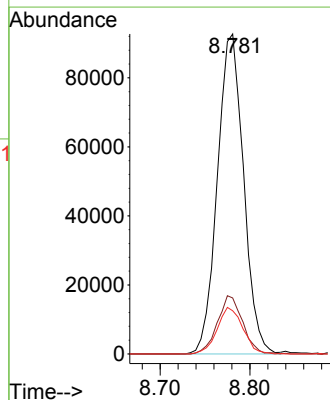
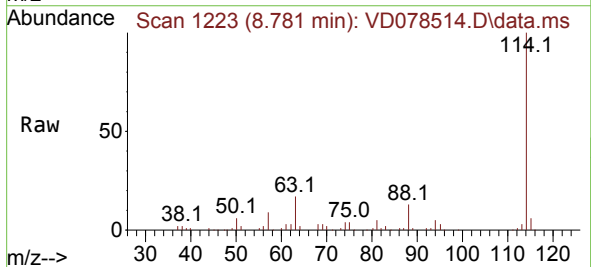
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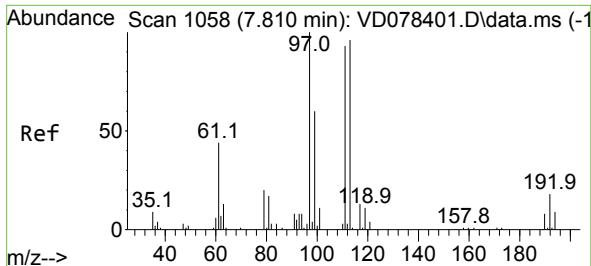
Tgt Ion: 65 Resp: 42476
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: VD078514.D
 Acq: 22 Feb 2024 13:43

Tgt Ion: 114 Resp: 187854
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 33.4
 88 13.5 0.0 26.2

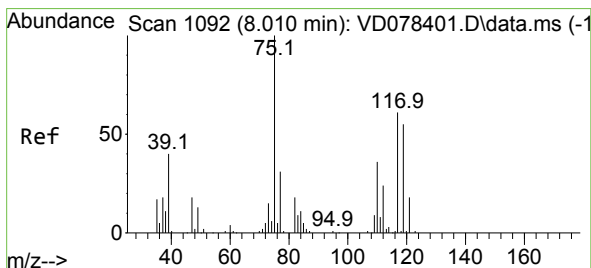
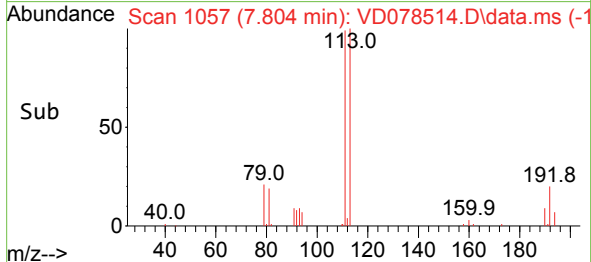
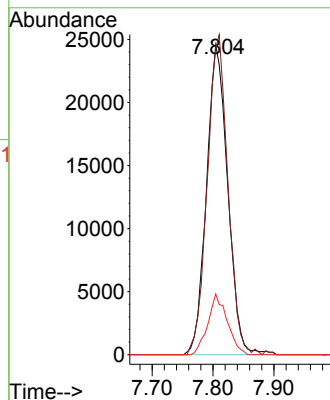
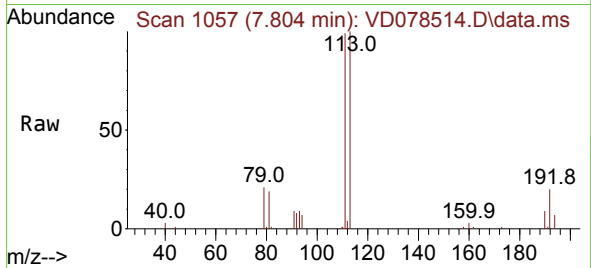




#35
Dibromofluoromethane
Concen: 49.831 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

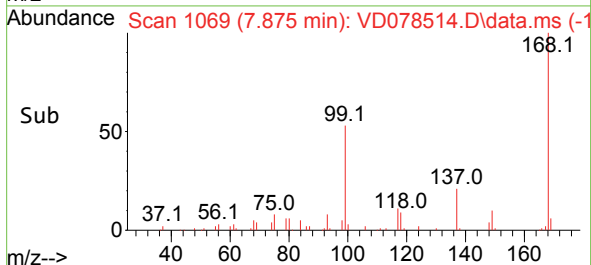
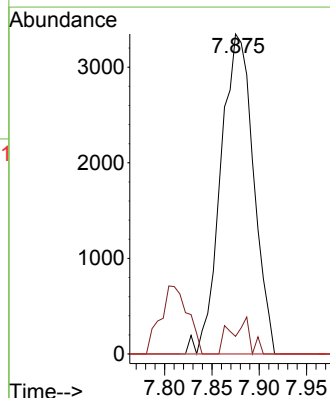
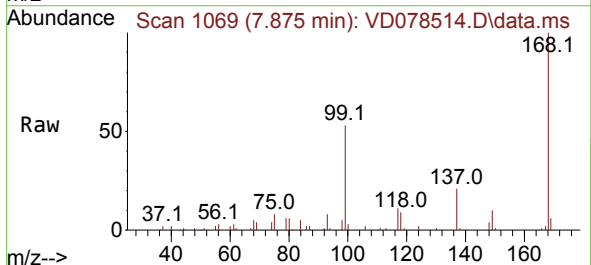
Instrument : MSVOA_D
ClientSampleId : 20241096-COMPOSITE-35N-N-4-01

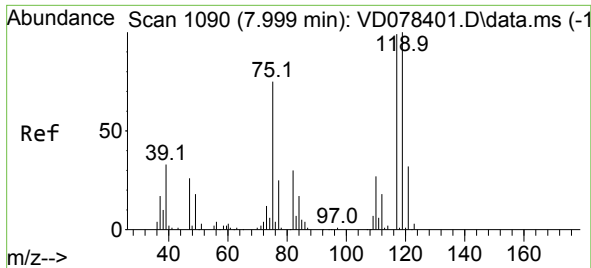
Tgt Ion:113 Resp: 59462
Ion Ratio Lower Upper
113 100
111 100.6 84.7 127.1
192 17.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.350 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

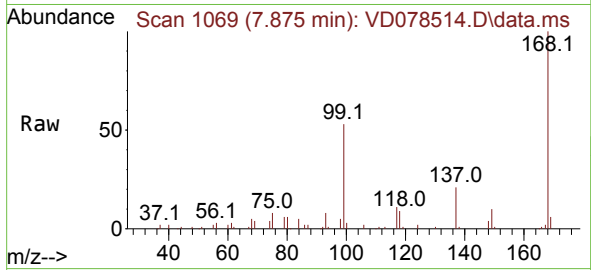
Tgt Ion: 75 Resp: 8064
Ion Ratio Lower Upper
75 100
110 6.8 19.9 59.6#
77 0.0 24.7 37.1#



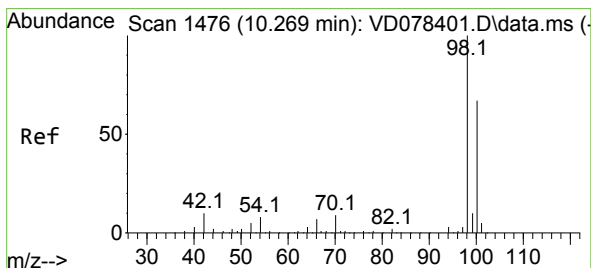
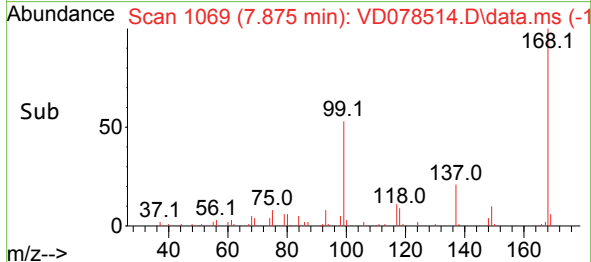
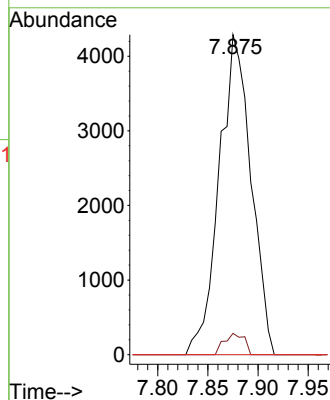


#38
Carbon Tetrachloride
Concen: 5.156 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.124 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

Instrument : MSVOA_D
ClientSampleId : 20241096-COMPOSITE-35N-N-4-01

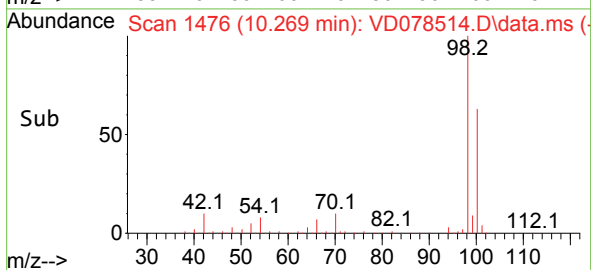
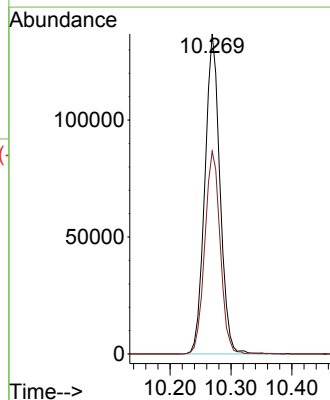
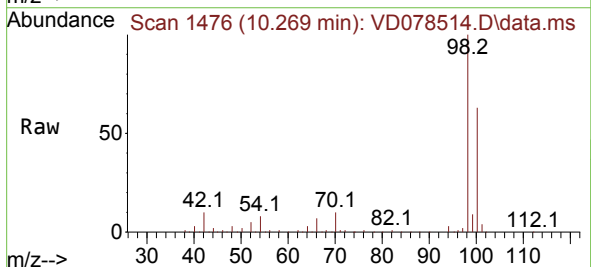


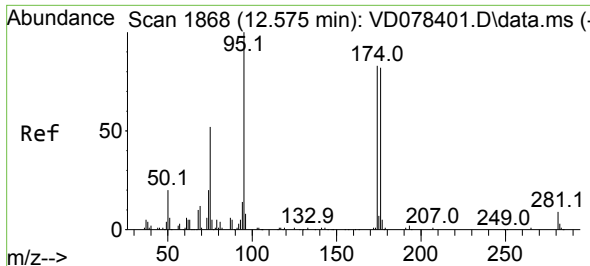
Tgt Ion:117 Resp: 9466
Ion Ratio Lower Upper
117 100
119 6.7 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.388 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

Tgt Ion: 98 Resp: 235751
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5

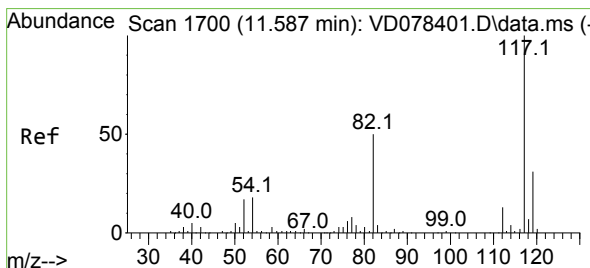
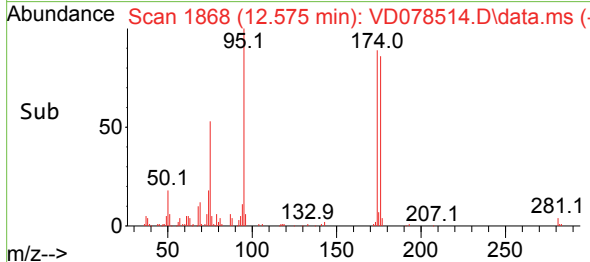
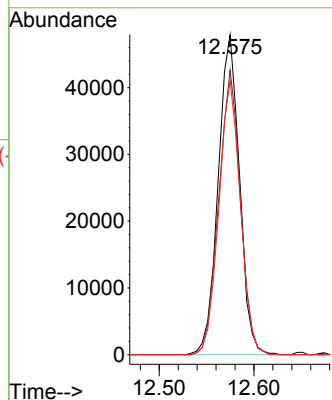
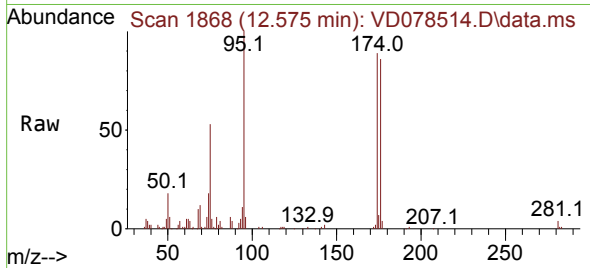




#62
4-Bromofluorobenzene
Concen: 53.919 ug/l
RT: 12.575 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

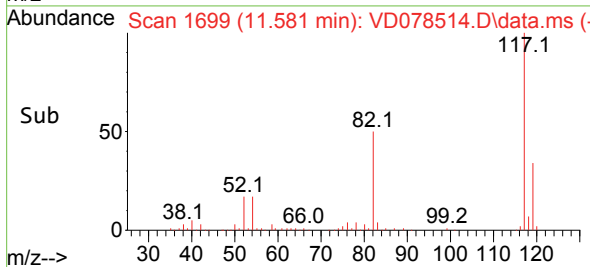
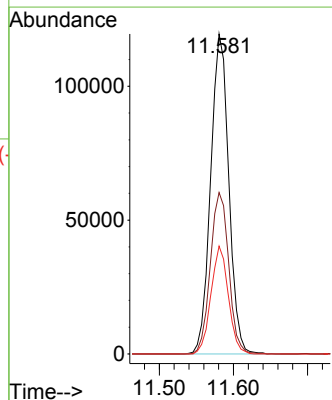
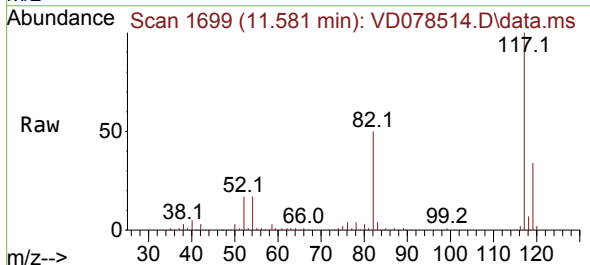
Instrument :
MSVOA_D
ClientSampleId :
20241096-COMPOSITE-35N-N-4-01

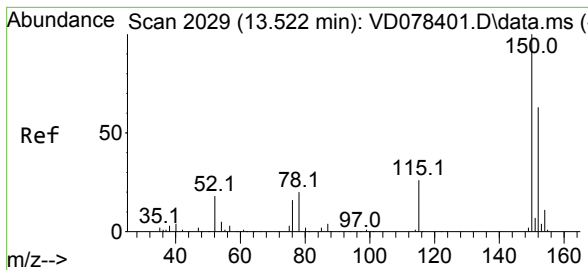
Tgt Ion:	95	Resp:	74899
Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	201.8
176	86.4	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

Tgt Ion:	117	Resp:	203024
Ion	Ratio	Lower	Upper
117	100		
82	50.4	38.3	57.5
119	33.7	25.0	37.4

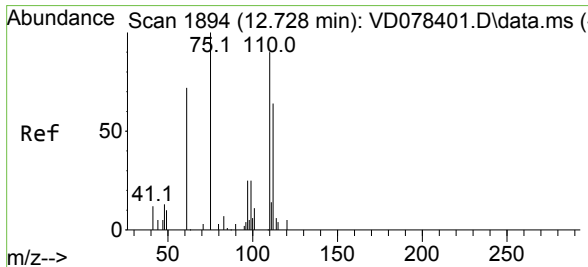
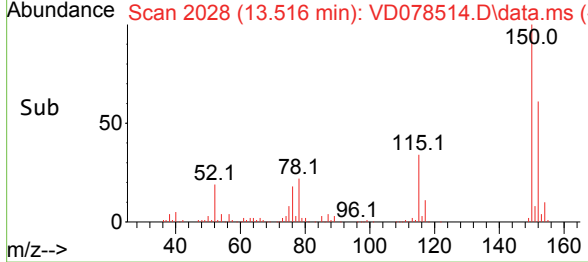
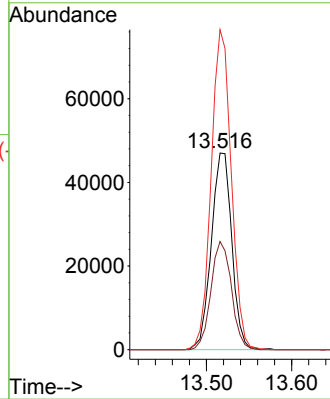
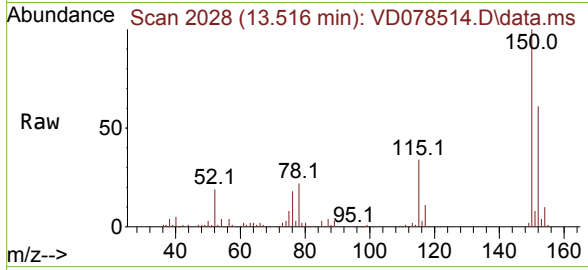




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD078514.D
 Acq: 22 Feb 2024 13:43

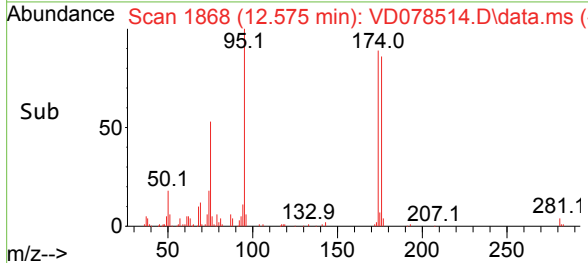
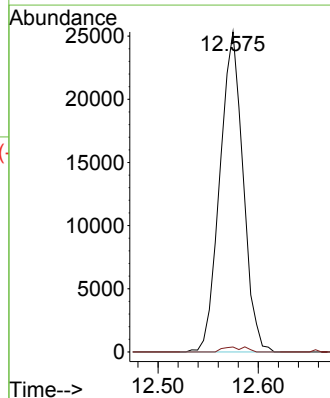
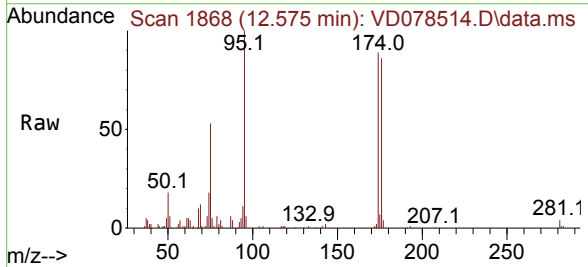
Instrument :
 MSVOA_D
 ClientSampleId :
 20241096-COMPOSITE-35N-N-4-01

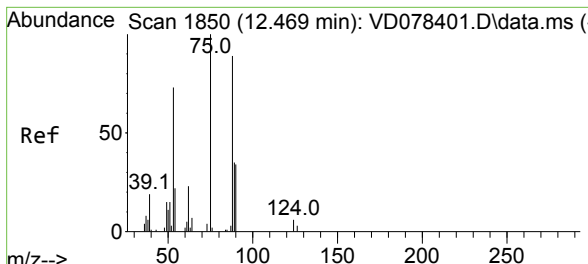
Tgt Ion:152 Resp: 78556
 Ion Ratio Lower Upper
 152 100
 115 54.9 27.1 81.3
 150 159.5 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 60.916 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD078514.D
 Acq: 22 Feb 2024 13:43

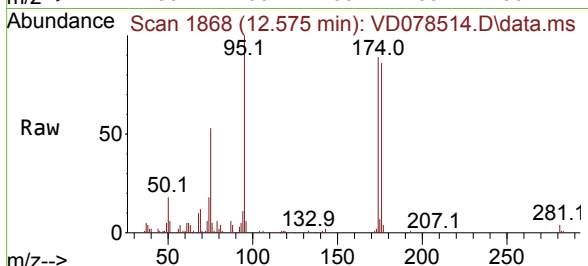
Tgt Ion: 75 Resp: 40626
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.463 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078514.D
 Acq: 22 Feb 2024 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 20241096-COMPOSITE-35N-N-4-01



Tgt Ion:	75	Resp:	40626
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

