

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 :

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)

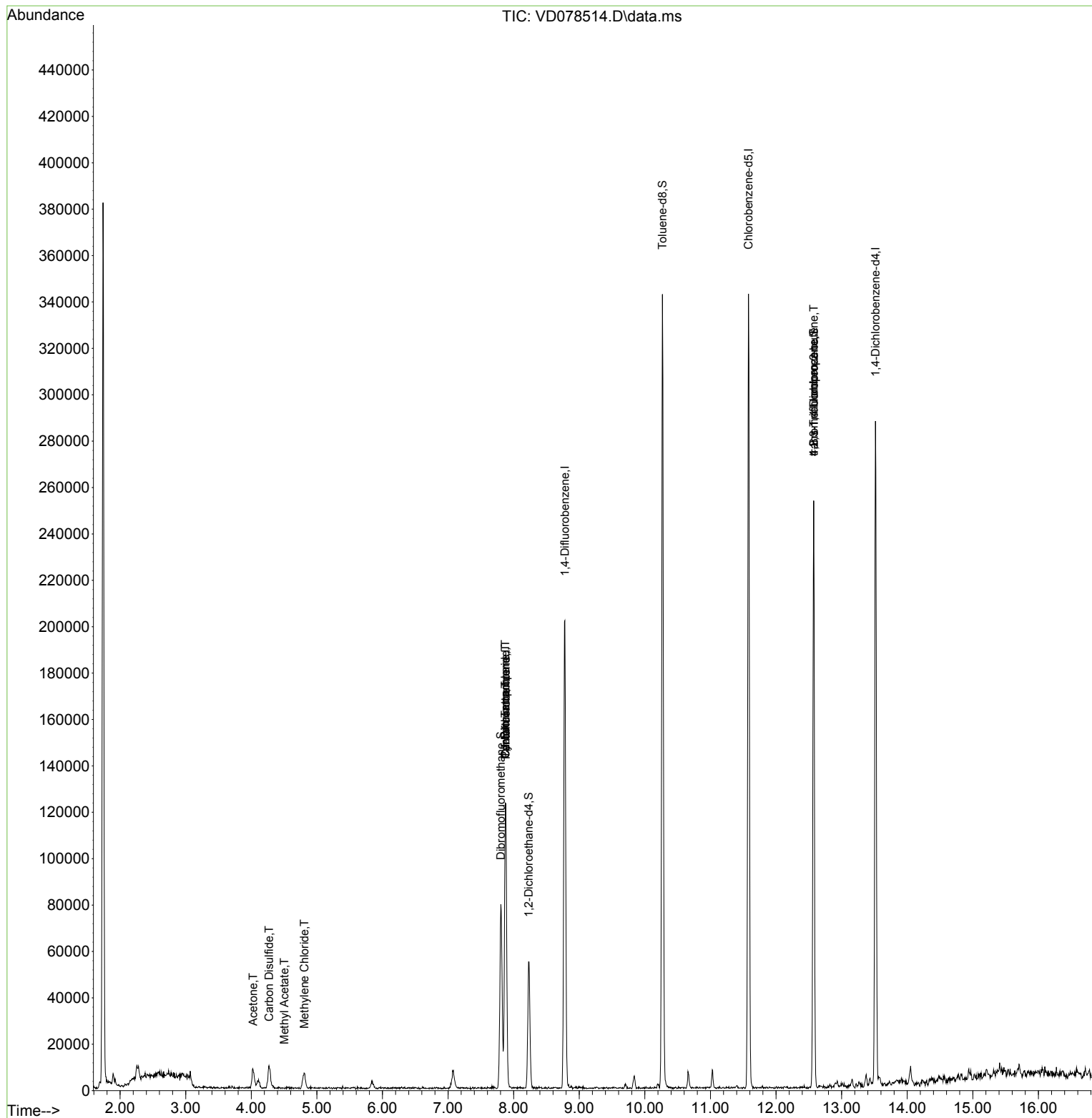
Internal Standards						
1) Pentafluorobenzene	7.881	168	99438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	187854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	203024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	78556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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

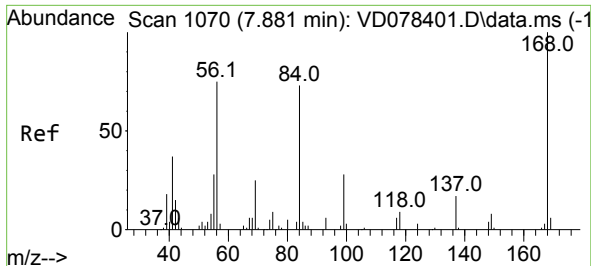
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant 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

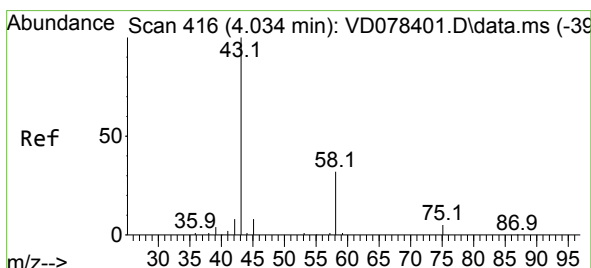
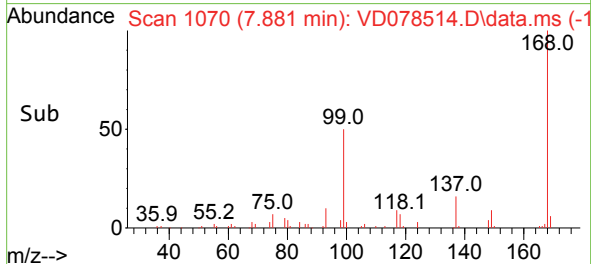
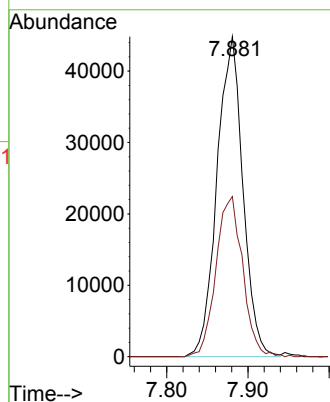
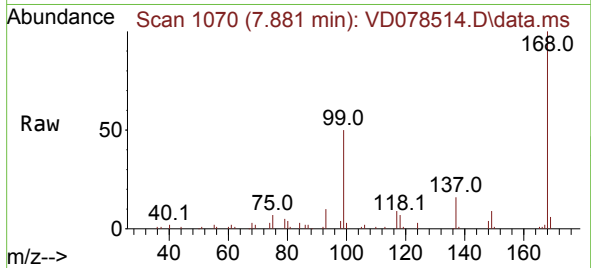




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

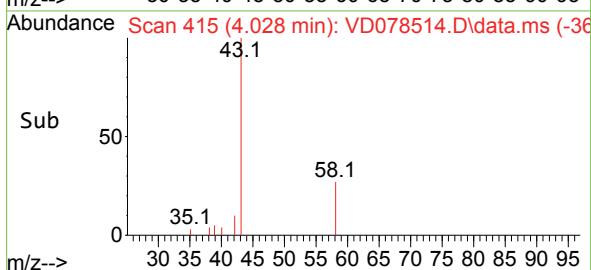
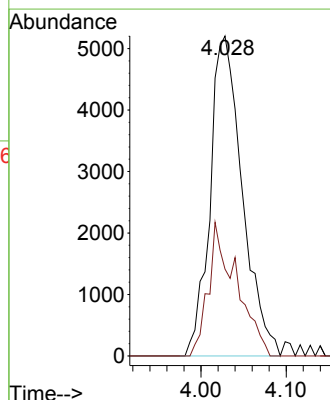
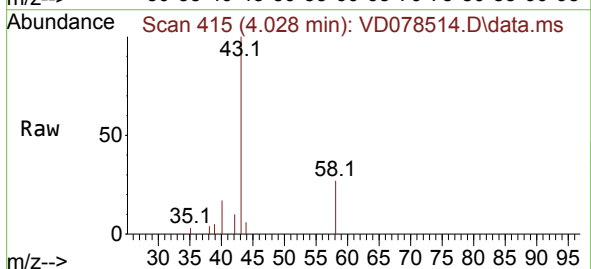
Instrument :
MSVOA_D
ClientSampleId :

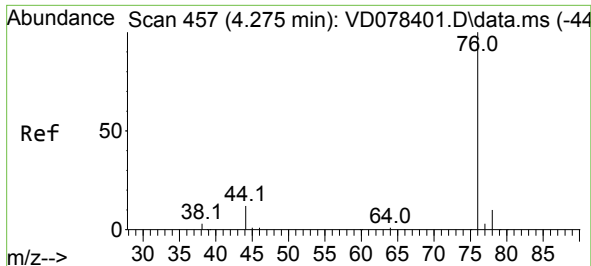
Tgt Ion:168 Resp: 99438
Ion Ratio Lower Upper
168 100
99 50.0 36.7 55.1



#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#

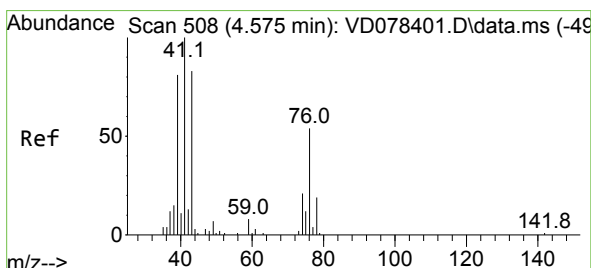
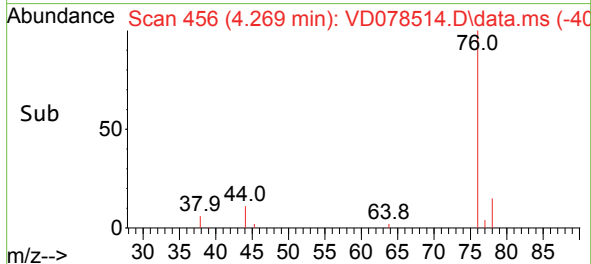
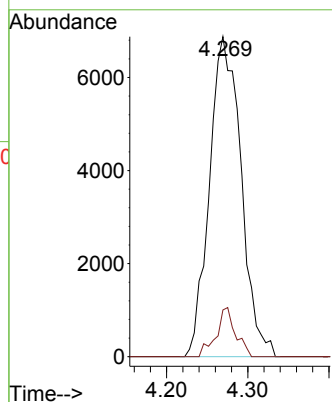
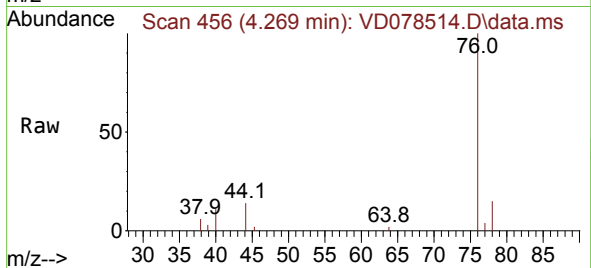




#17
Carbon Disulfide
Concen: 5.098 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

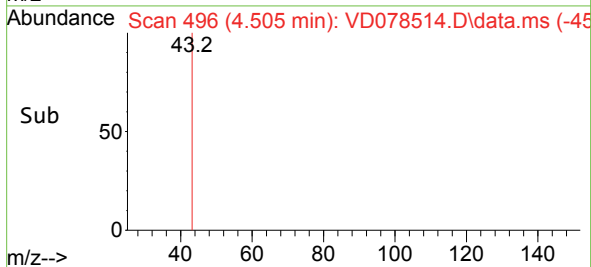
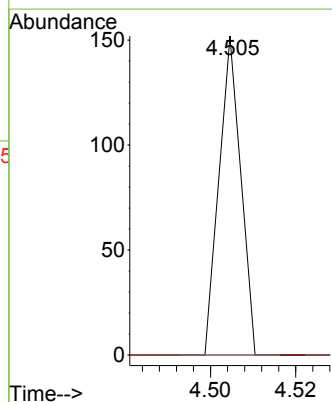
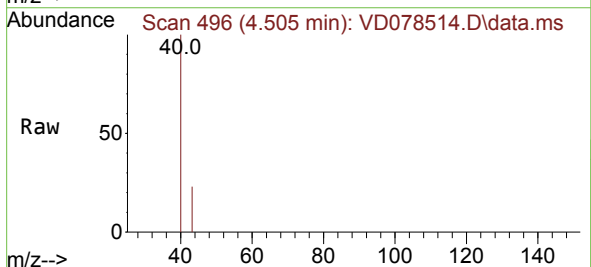
Instrument :
MSVOA_D
ClientSampleId :

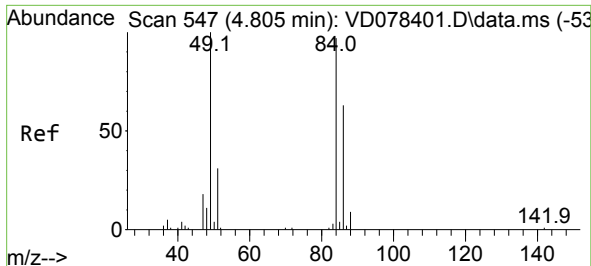
Tgt Ion: 76 Resp: 18594
Ion Ratio Lower Upper
76 100
78 14.6 6.8 10.2#



#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

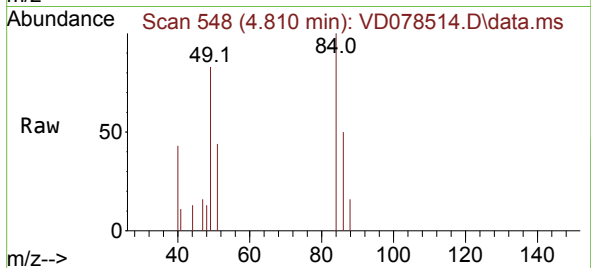
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



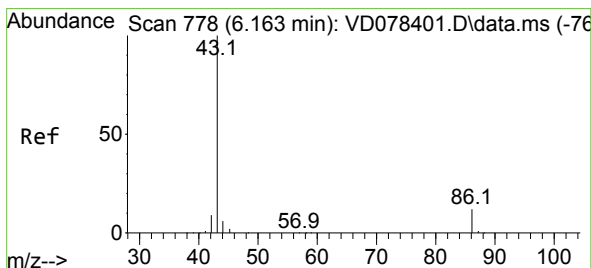
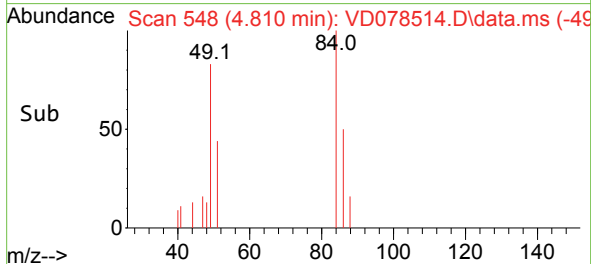
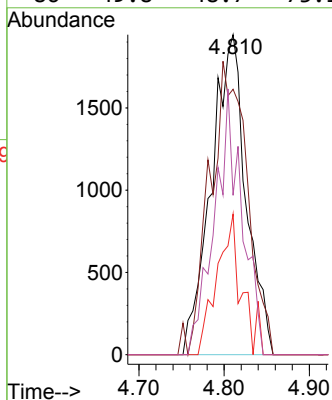


#20
Methylene Chloride
Concen: 1.562 ug/l
RT: 4.810 min Scan# 547
Delta R.T. 0.005 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

Instrument :
MSVOA_D
ClientSampleId :

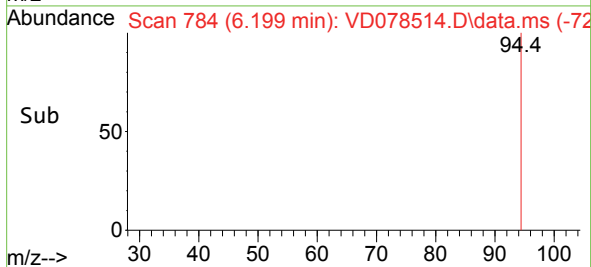
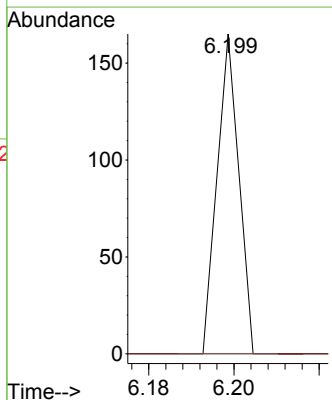
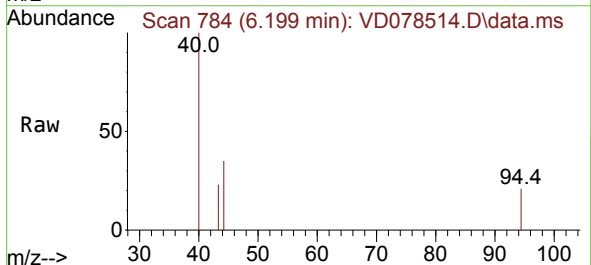


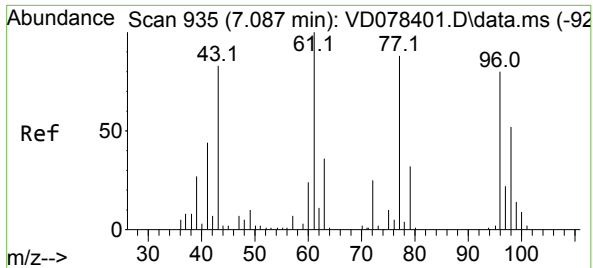
Tgt Ion: 84 Resp: 5548
Ion Ratio Lower Upper
84 100
49 82.9 71.4 107.2
51 44.0 24.5 36.7#
86 49.8 48.7 73.1



#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#

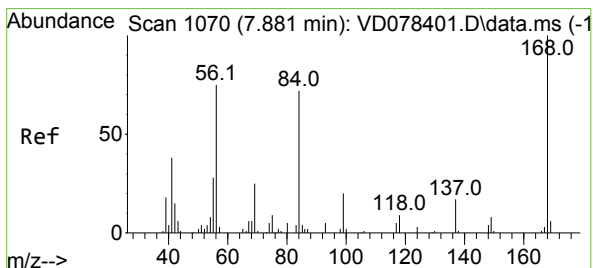
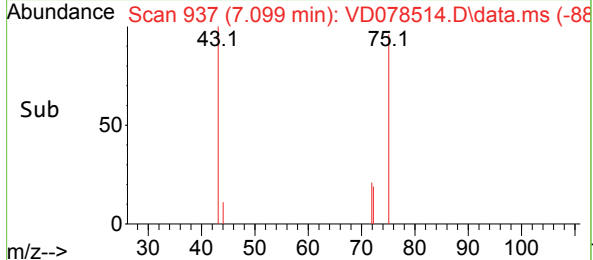
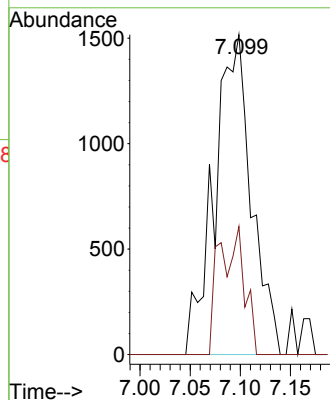
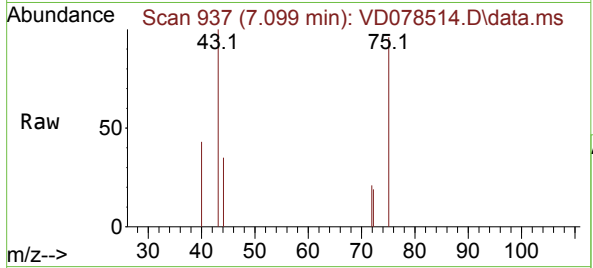




#25
2-Butanone
Concen: Below Cal
RT: 7.099 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

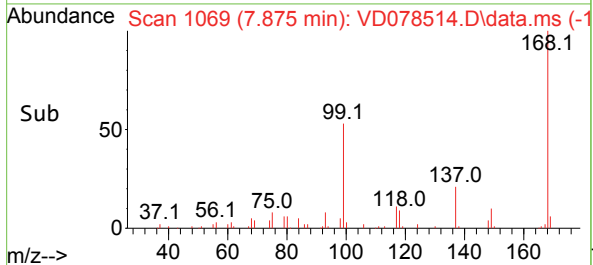
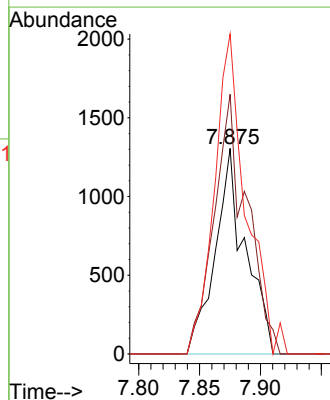
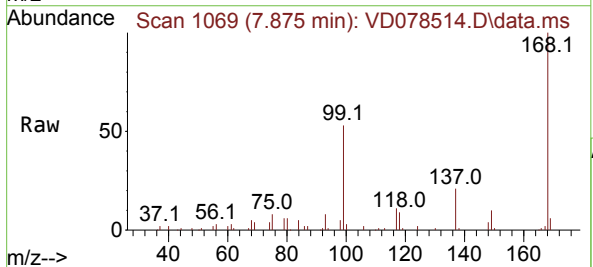
Instrument :
MSVOA_D
ClientSampleId :

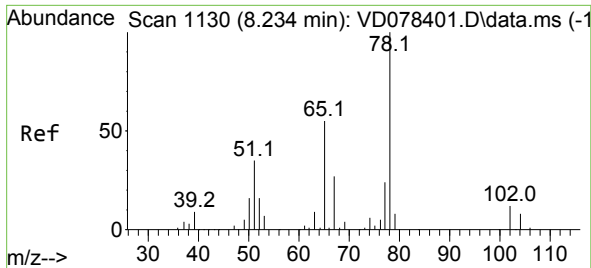
Tgt Ion: 43 Resp: 3892
Ion Ratio Lower Upper
43 100
72 40.0 30.7 46.1



#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# 1129

Delta R.T. -0.006 min

Lab File: VD078514.D

Acq: 22 Feb 2024 13:43

Instrument :

MSVOA_D

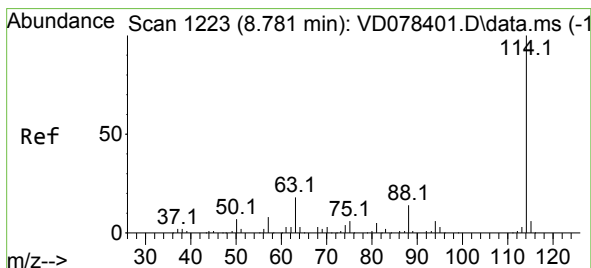
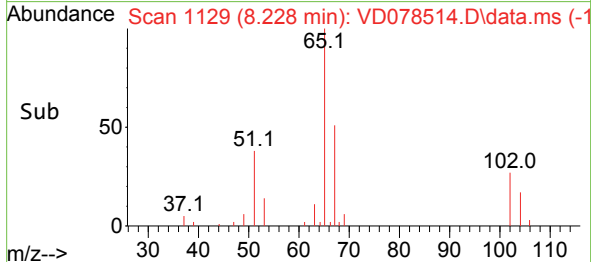
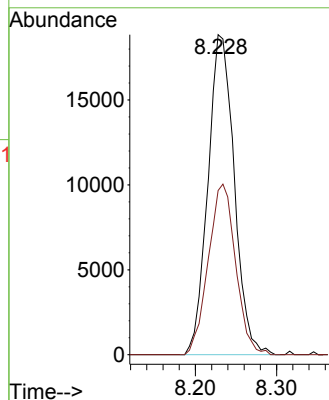
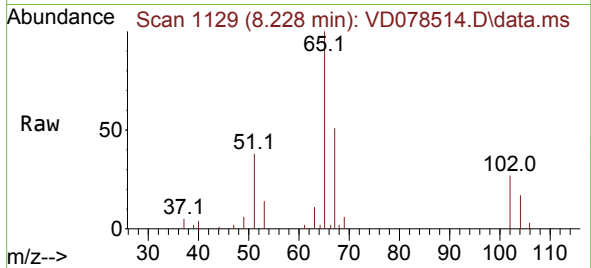
ClientSampleId :

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

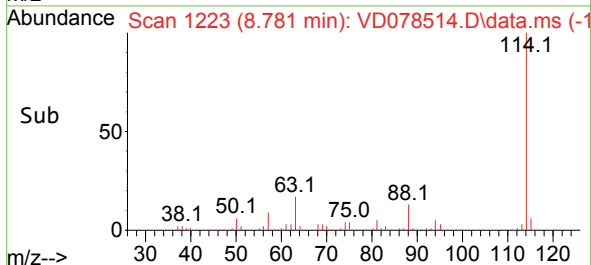
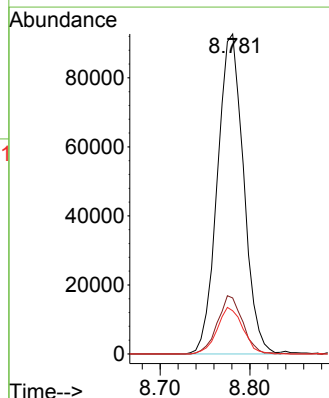
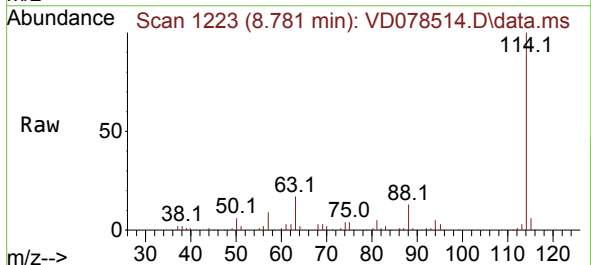
Tgt Ion:114 Resp: 187854

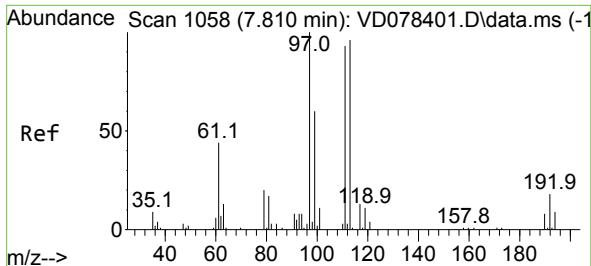
Ion Ratio Lower Upper

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

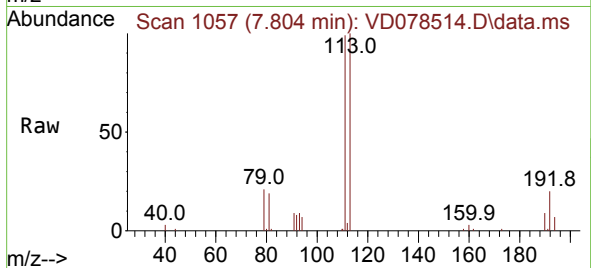
Lab File: VD078514.D

Acq: 22 Feb 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :



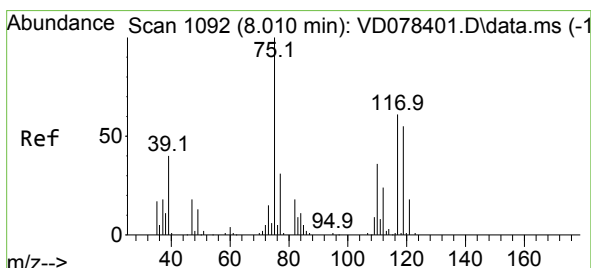
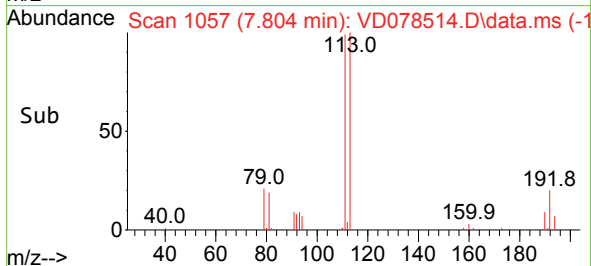
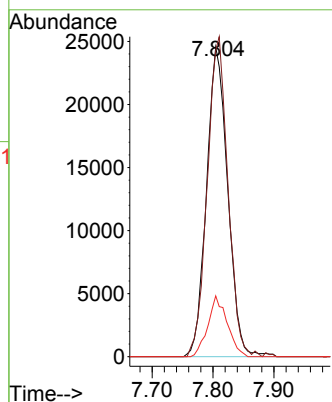
Tgt Ion:113 Resp: 59462

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

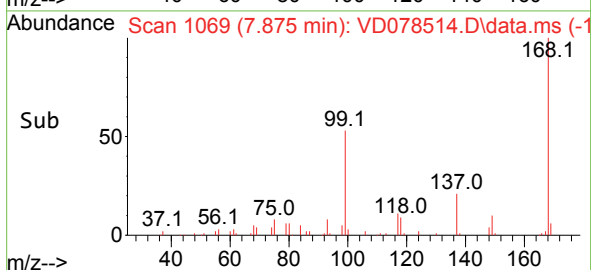
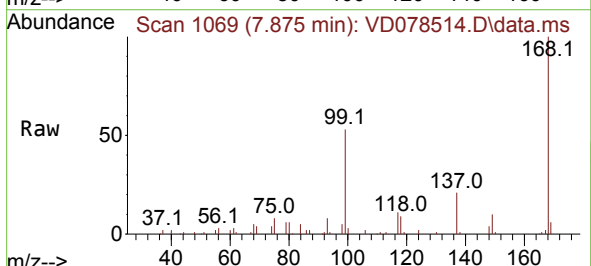
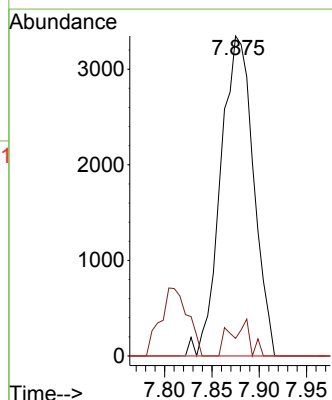
Tgt Ion: 75 Resp: 8064

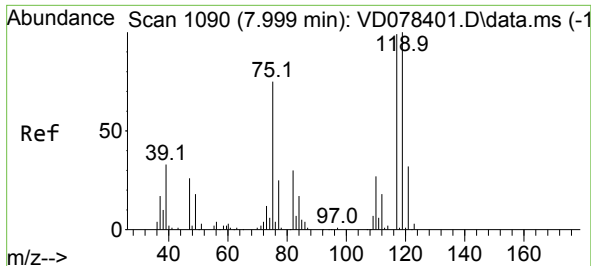
Ion Ratio Lower Upper

75 100

110 6.8 19.9 59.6#

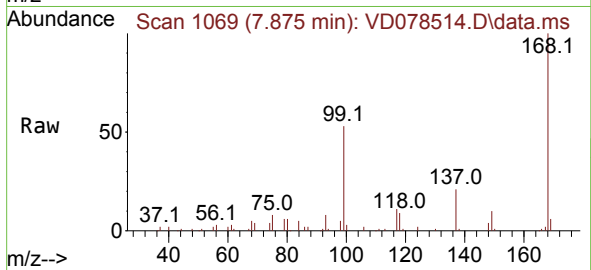
77 0.0 24.7 37.1#



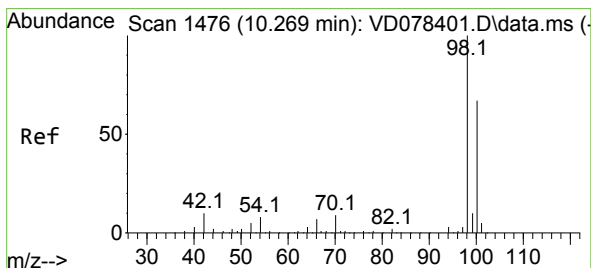
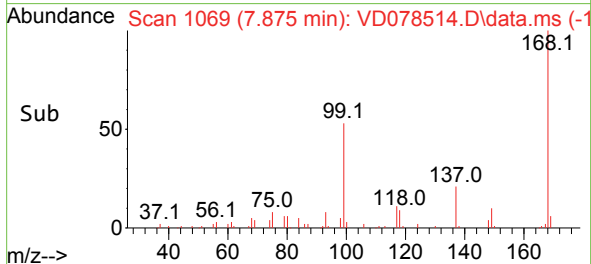
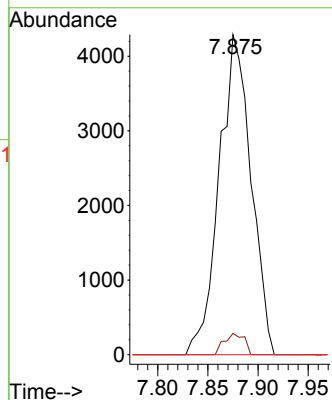


#38
Carbon Tetrachloride
Concen: 5.156 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.124 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

Instrument :
MSVOA_D
ClientSampleId :

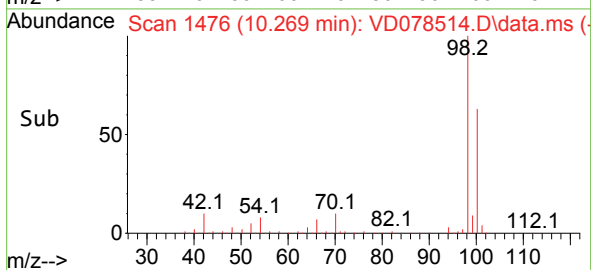
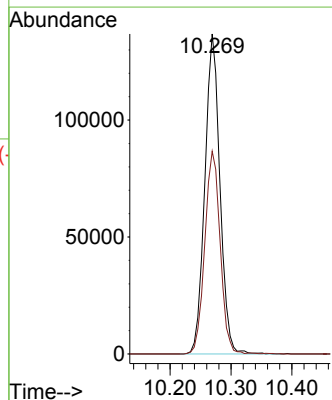
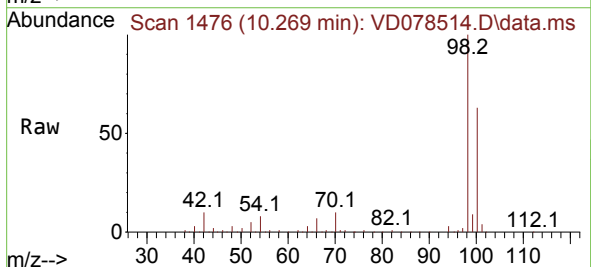


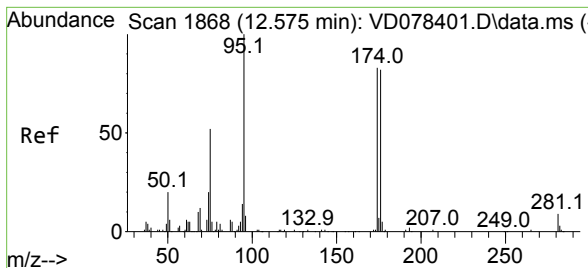
Tgt Ion:117 Resp: 9466
Ion Ratio Lower Upper
117 100
119 6.7 78.0 117.0#
121 0.0 24.2 36.2#



#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

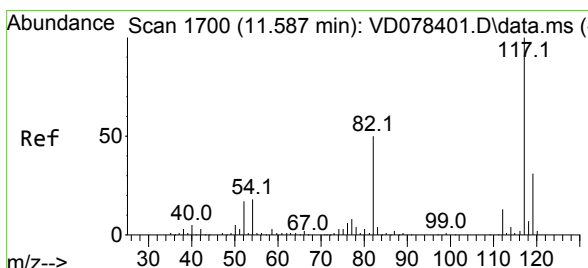
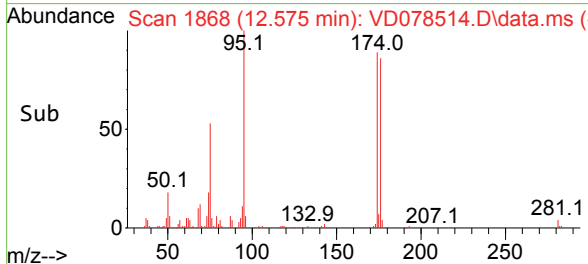
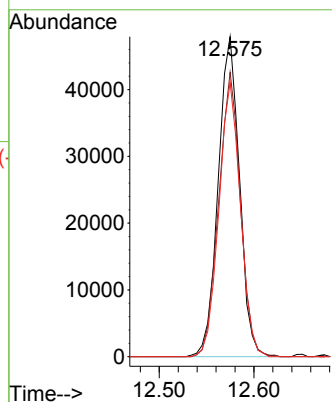
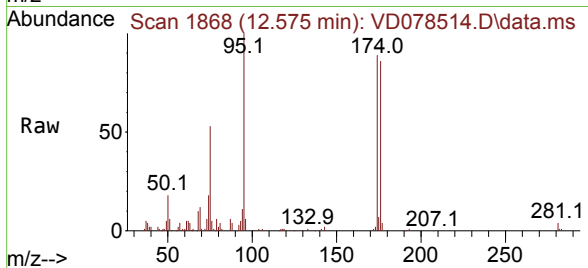




#62
4-Bromofluorobenzene
Concen: 53.919 ug/l
RT: 12.575 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078514.D
Acq: 22 Feb 2024 13:43

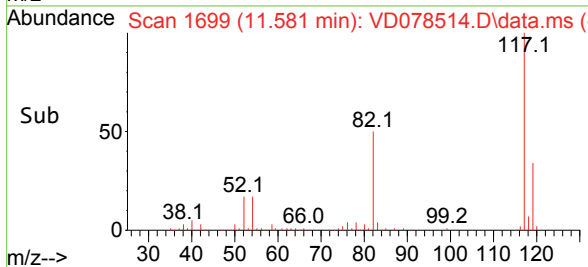
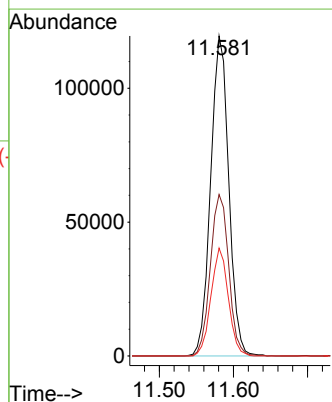
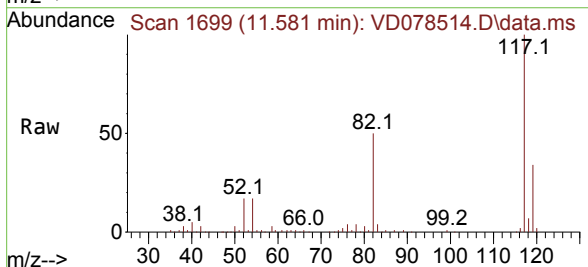
Instrument :
MSVOA_D
ClientSampleId :

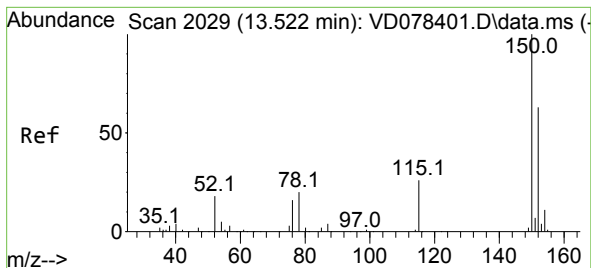
Tgt Ion: 95 Resp: 74899
Ion Ratio Lower Upper
95 100
174 90.2 0.0 201.8
176 86.4 0.0 191.8



#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# 20

Delta R.T. -0.006 min

Lab File: VD078514.D

Acq: 22 Feb 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :

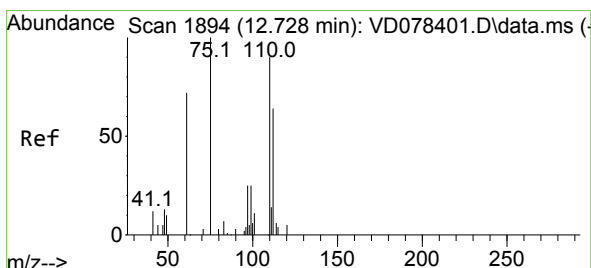
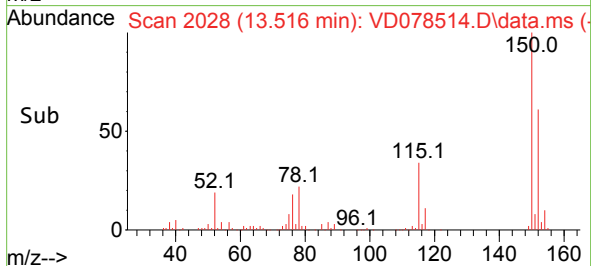
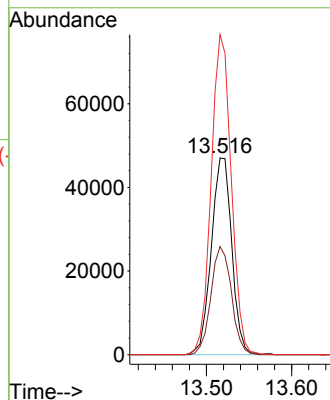
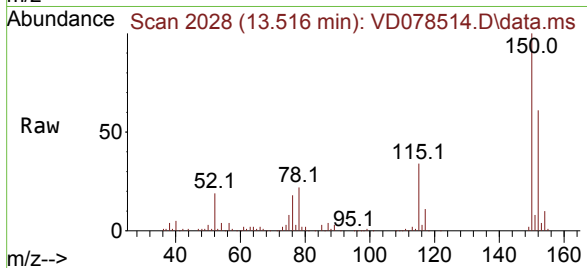
Tgt Ion:152 Resp: 78556

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

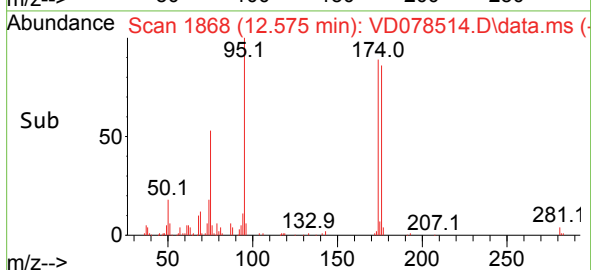
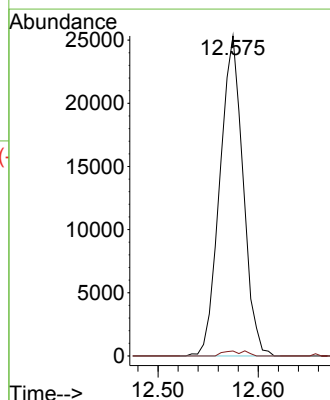
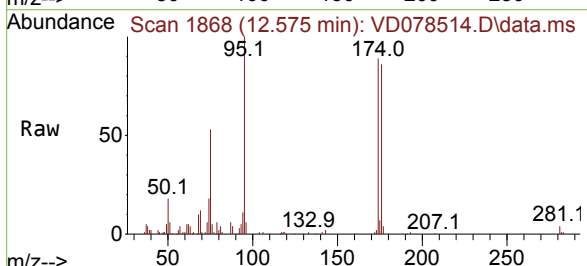
Acq: 22 Feb 2024 13:43

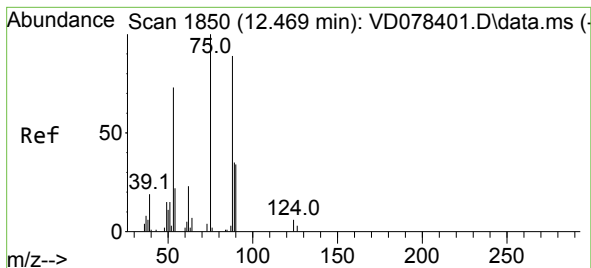
Tgt Ion: 75 Resp: 40626

Ion Ratio Lower Upper

75 100

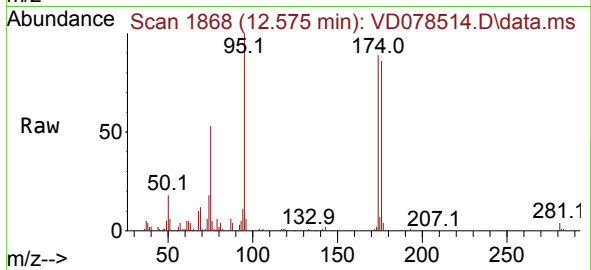
77 1.5 0.0 0.0#





#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 :



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#

