

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078984.D
 Acq On : 22 May 2024 17:23
 Operator : RP/MD
 Sample : P2527-03
 Misc : 4.43G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 23 06:06:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

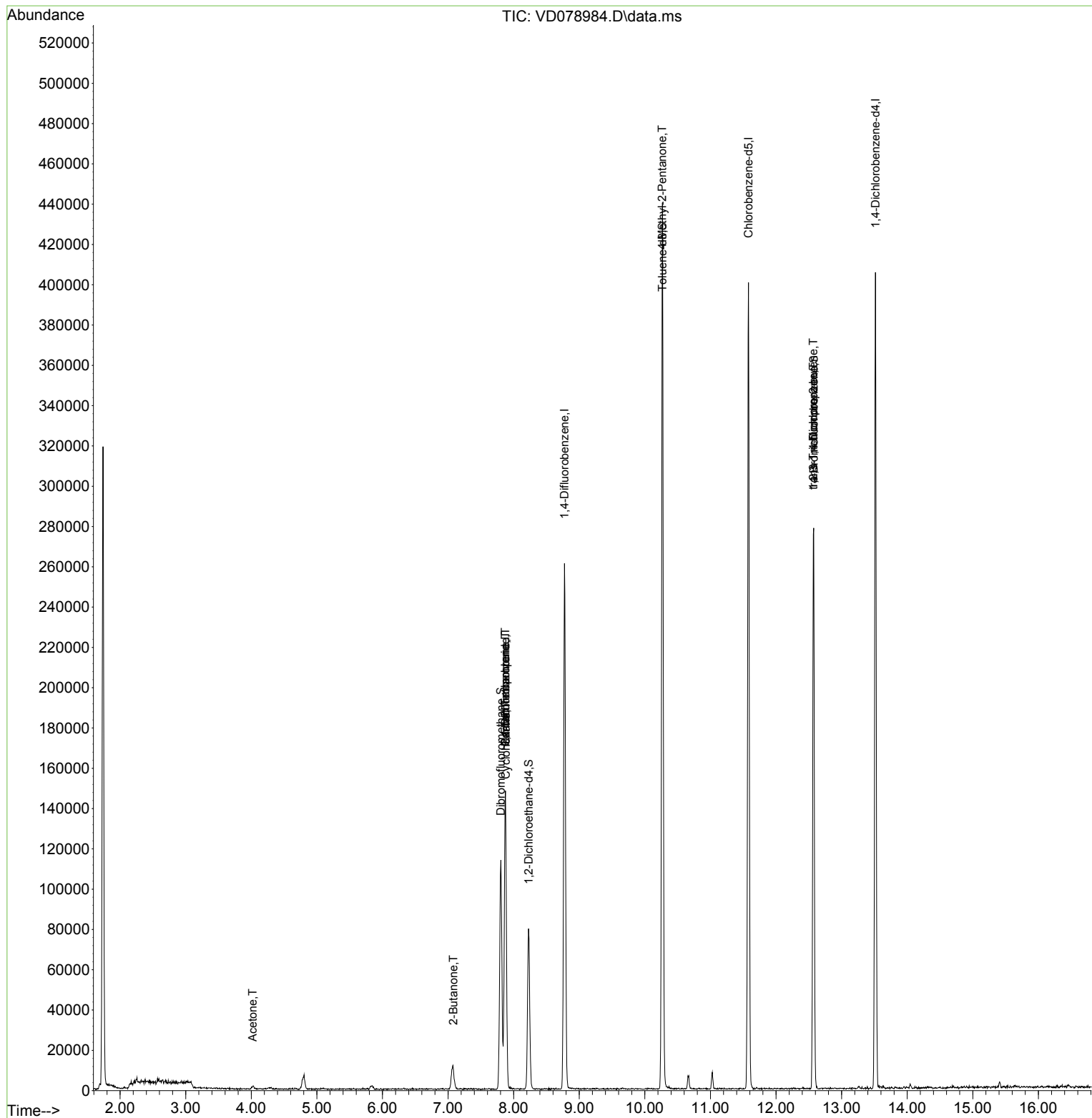
Internal Standards						
1) Pentafluorobenzene	7.875	168	119098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	245915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	243593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64924	58.116	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.240%	
35) Dibromofluoromethane	7.804	113	82711	50.527	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.060%	
50) Toluene-d8	10.269	98	309266	50.396	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.800%	
62) 4-Bromofluorobenzene	12.575	95	86071	49.926	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	138	Below Cal		93
4) Vinyl Chloride	2.369	62	55	Below Cal	#	42
16) Acetone	4.022	43	1062	5.962	ug/l #	54
17) Carbon Disulfide	4.269	76	1201	Below Cal	#	76
20) Methylene Chloride	4.799	84	6191	Below Cal	#	88
25) 2-Butanone	7.081	43	397	1.666	ug/l #	42
31) Cyclohexane	7.881	56	2280	1.397	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	8577	4.210	ug/l #	46
38) Carbon Tetrachloride	7.875	117	11876	4.982	ug/l #	16
51) 4-Methyl-2-Pentanone	10.263	43	840	1.280	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	42946	53.603	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	42946	106.295	ug/l #	19

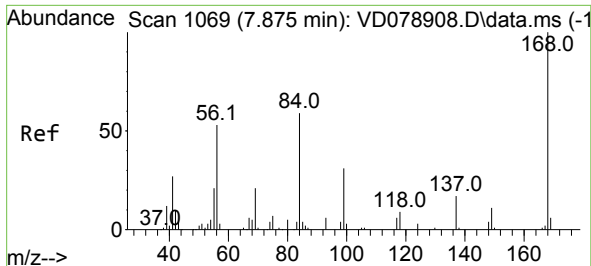
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
Data File : VD078984.D
Acq On : 22 May 2024 17:23
Operator : RP/MD
Sample : P2527-03
Misc : 4.43G/5ml/MSVOA_D/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

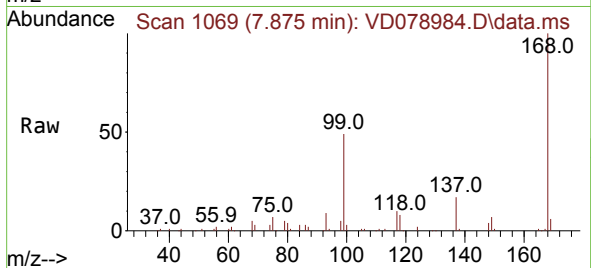
Quant Time: May 23 06:06:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration



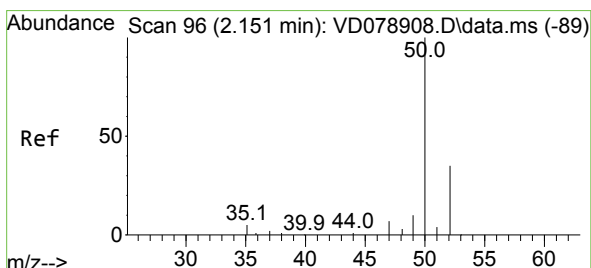
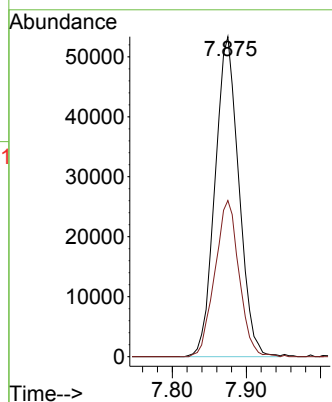
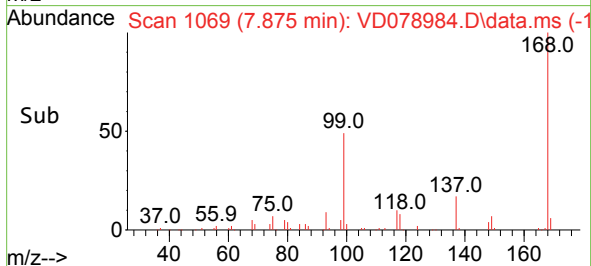


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078984.D
Acq: 22 May 2024 17:23

Instrument :
MSVOA_D
ClientSampleId :

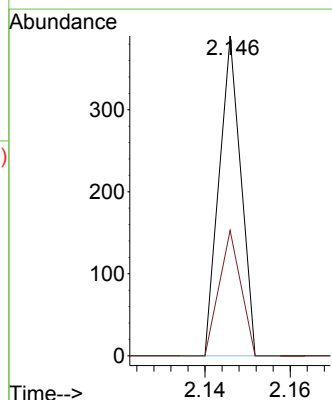
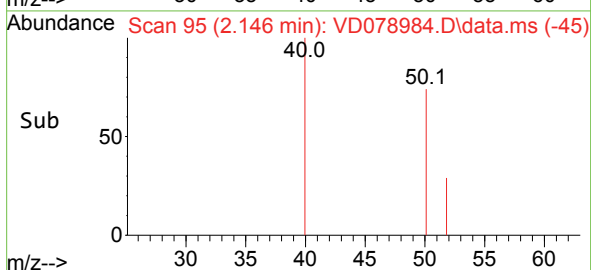
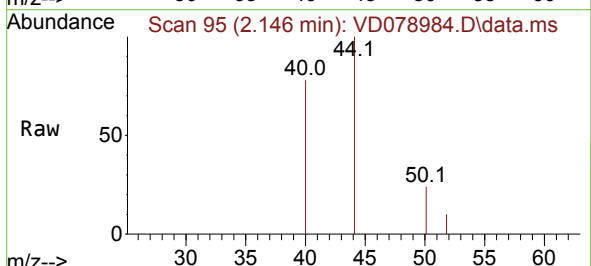


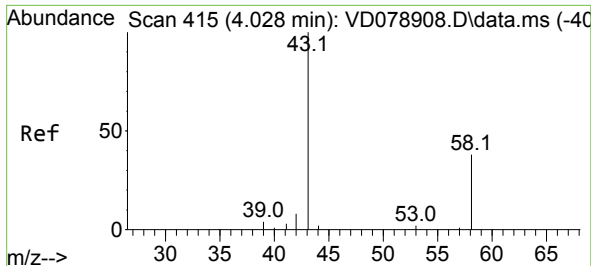
Tgt Ion:168 Resp: 119098
Ion Ratio Lower Upper
168 100
99 48.8 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.005 min
Lab File: VD078984.D
Acq: 22 May 2024 17:23

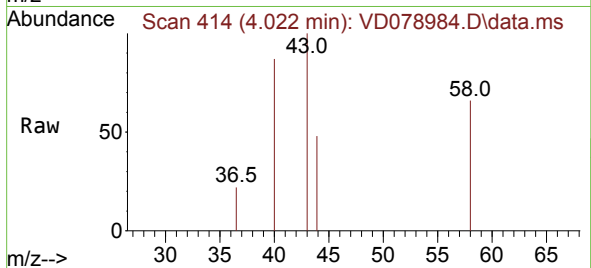
Tgt Ion: 50 Resp: 138
Ion Ratio Lower Upper
50 100
52 39.2 28.2 42.2



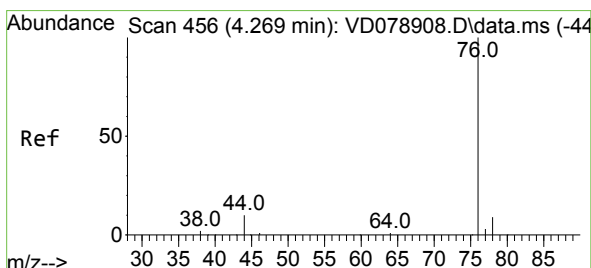
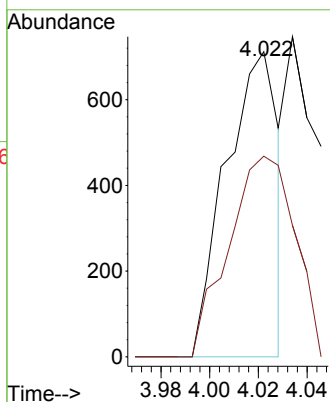
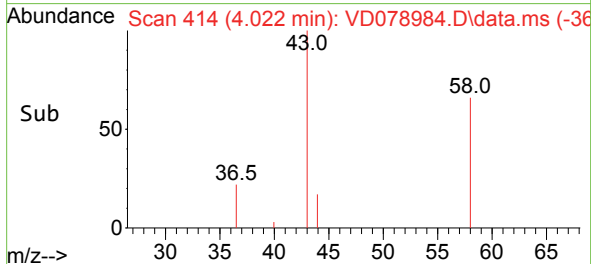


#16
Acetone
Concen: 5.962 ug/l
RT: 4.022 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078984.D
Acq: 22 May 2024 17:23

Instrument :
MSVOA_D
ClientSampleId :

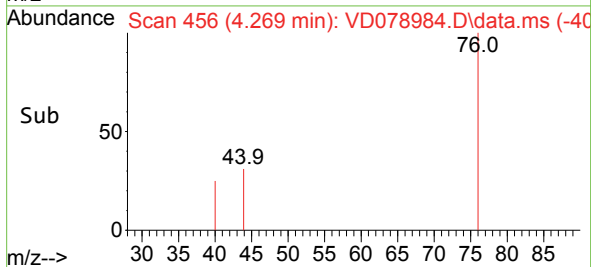
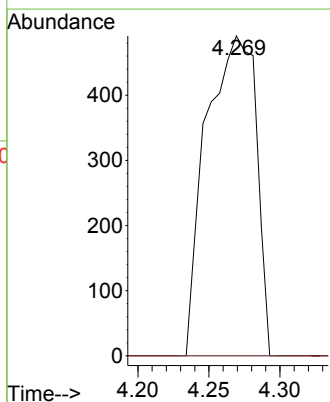
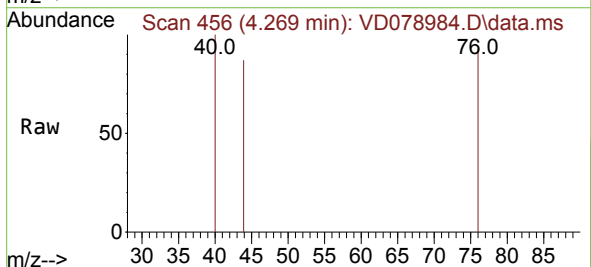


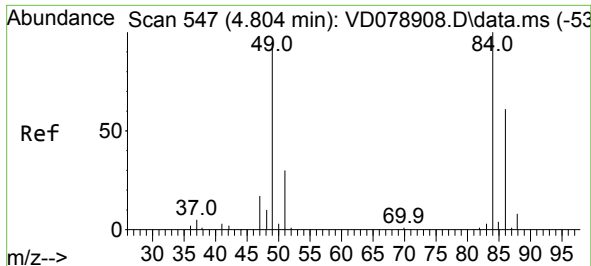
Tgt Ion: 43 Resp: 1062
Ion Ratio Lower Upper
43 100
58 65.7 30.4 45.6#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD078984.D
Acq: 22 May 2024 17:23

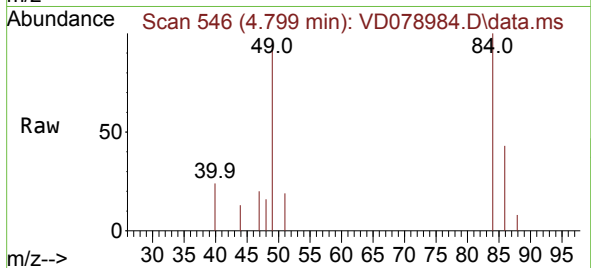
Tgt Ion: 76 Resp: 1201
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



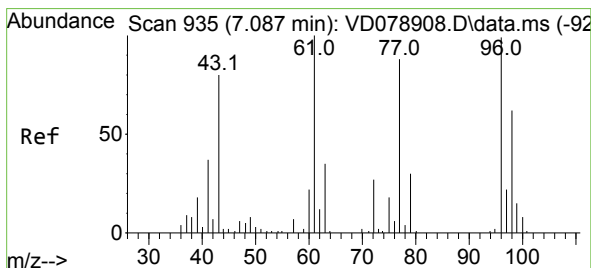
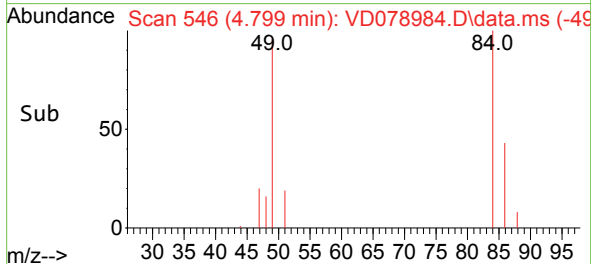
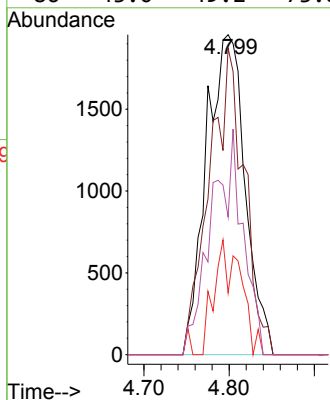


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.005 min
Lab File: VD078984.D
Acq: 22 May 2024 17:23

Instrument :
MSVOA_D
ClientSampleId :

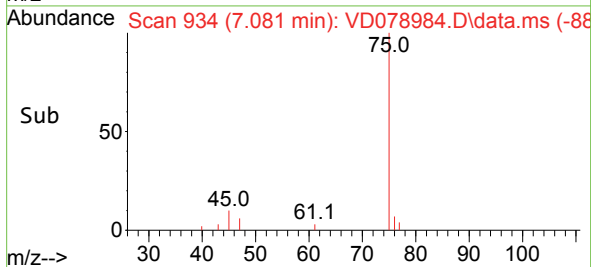
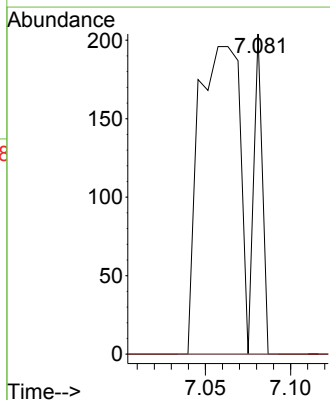
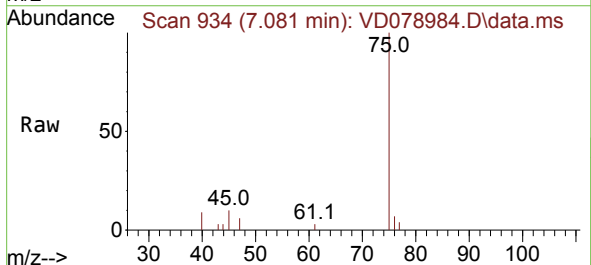


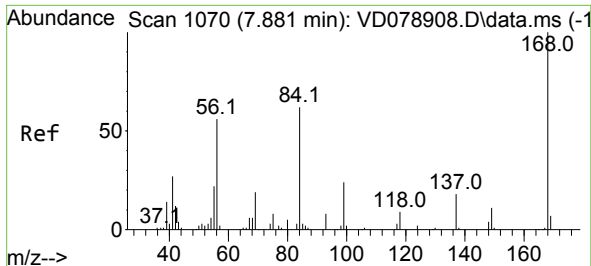
Tgt Ion: 84 Resp: 6191
Ion Ratio Lower Upper
84 100
49 95.8 75.6 113.4
51 19.3 24.2 36.2#
86 43.0 49.2 73.8#



#25
2-Butanone
Concen: 1.666 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD078984.D
Acq: 22 May 2024 17:23

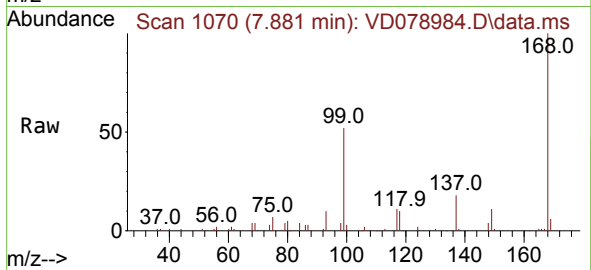
Tgt Ion: 43 Resp: 397
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#



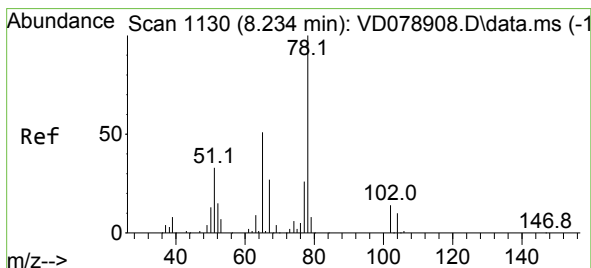
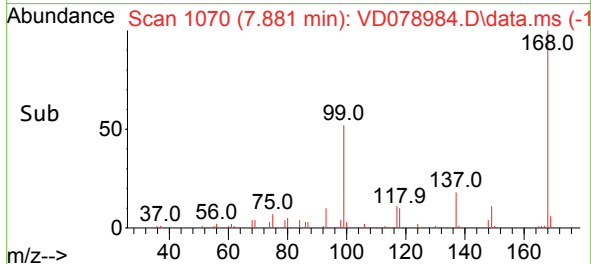
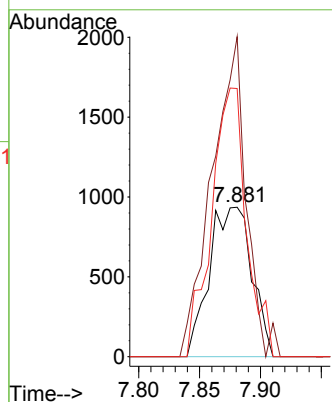


#31
Cyclohexane
Concen: 1.397 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD078984.D
Acq: 22 May 2024 17:23

Instrument :
MSVOA_D
ClientSampleId :

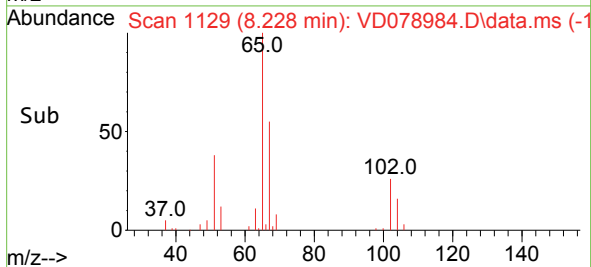
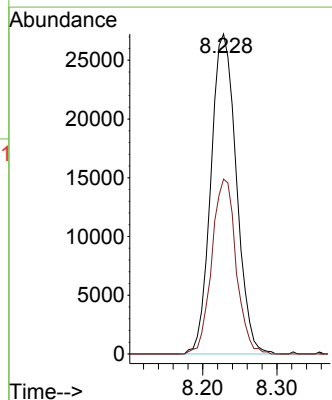
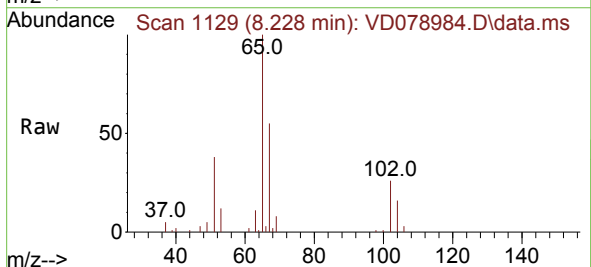


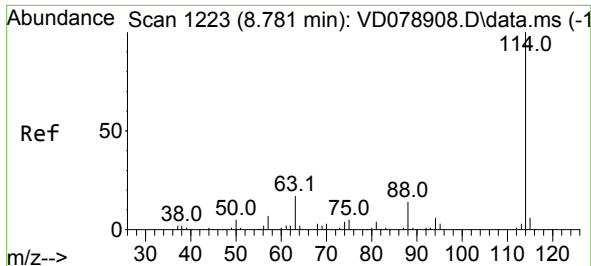
Tgt Ion: 56 Resp: 2280
Ion Ratio Lower Upper
56 100
69 214.1 28.0 42.0#
84 179.4 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 58.116 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078984.D
Acq: 22 May 2024 17:23

Tgt Ion: 65 Resp: 64924
Ion Ratio Lower Upper
65 100
67 52.2 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078984.D

Acq: 22 May 2024 17:23

Instrument :

MSVOA_D

ClientSampleId :

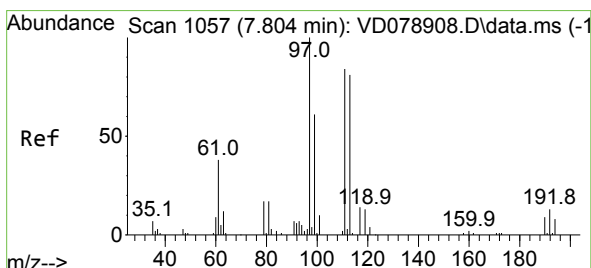
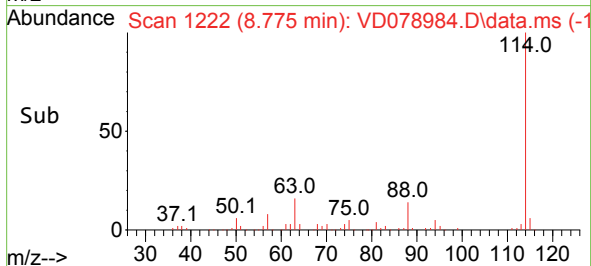
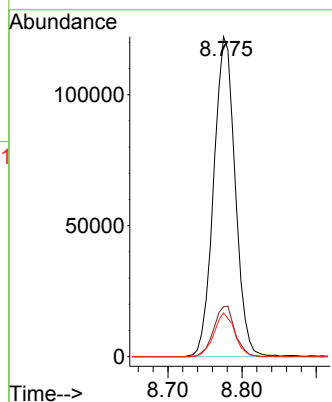
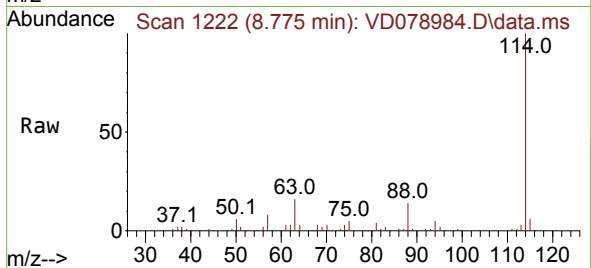
Tgt Ion:114 Resp: 245915

Ion Ratio Lower Upper

114 100

63 15.6 0.0 34.0

88 13.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.527 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078984.D

Acq: 22 May 2024 17:23

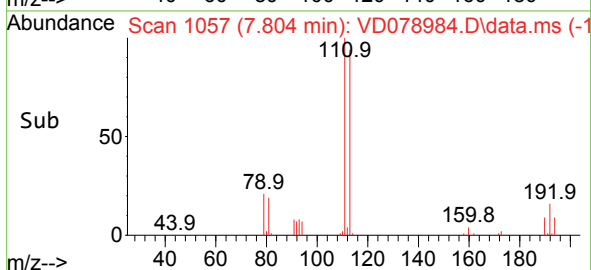
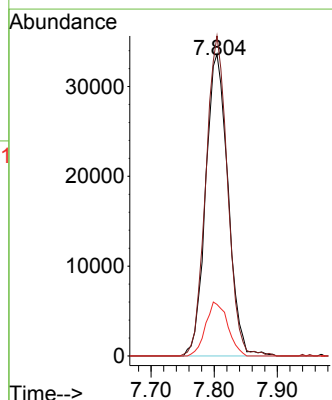
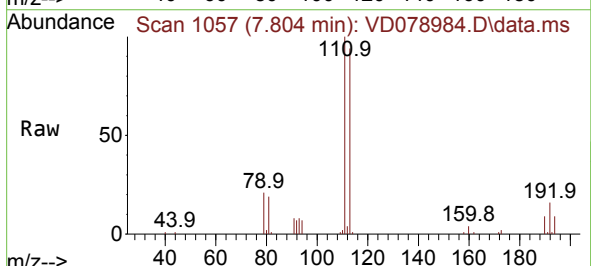
Tgt Ion:113 Resp: 82711

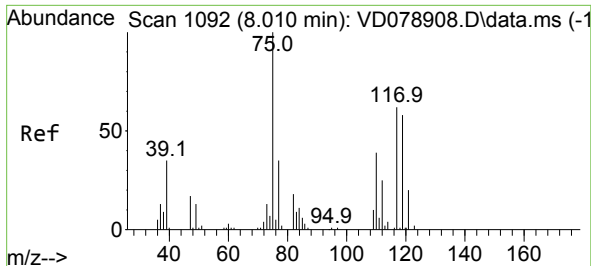
Ion Ratio Lower Upper

113 100

111 103.0 84.0 126.0

192 17.7 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.210 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

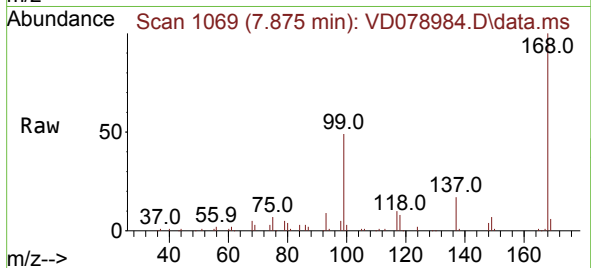
Lab File: VD078984.D

Acq: 22 May 2024 17:23

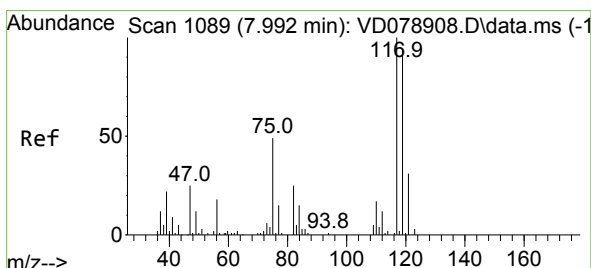
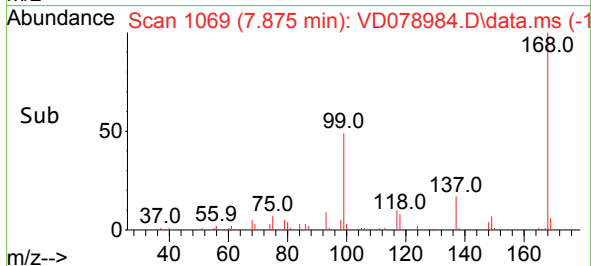
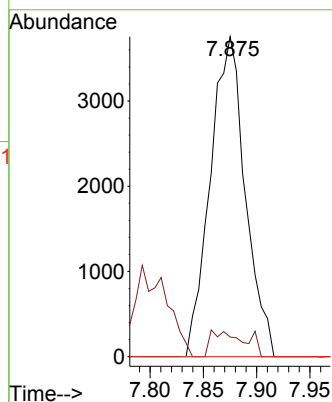
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 8577
Ion Ratio	Lower Upper
75	100
110	7.9 19.6 58.7#
77	0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 4.982 ug/l

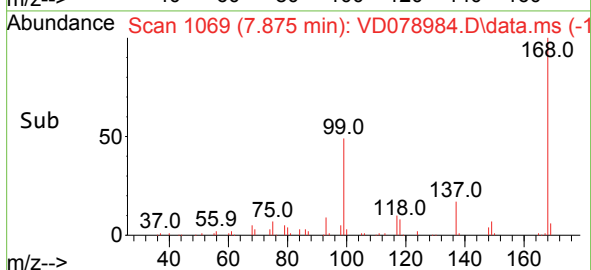
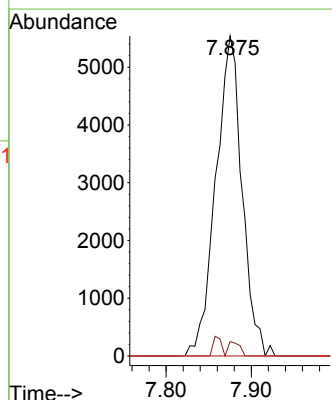
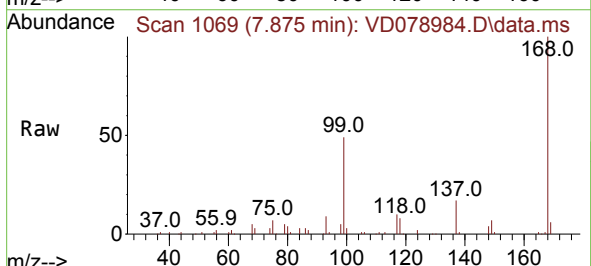
RT: 7.875 min Scan# 1069

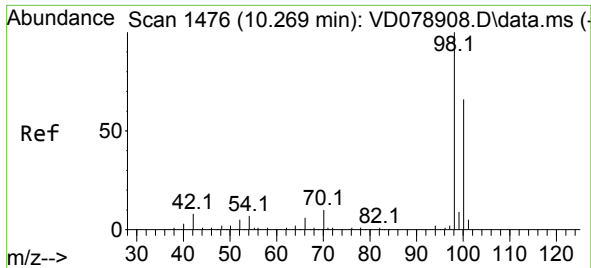
Delta R.T. -0.117 min

Lab File: VD078984.D

Acq: 22 May 2024 17:23

Tgt Ion: 117	Resp: 11876
Ion Ratio	Lower Upper
117	100
119	4.5 75.4 113.0#
121	0.0 25.0 37.4#

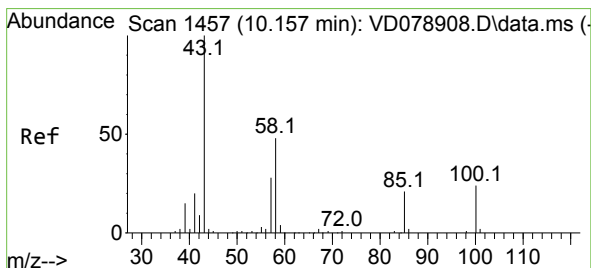
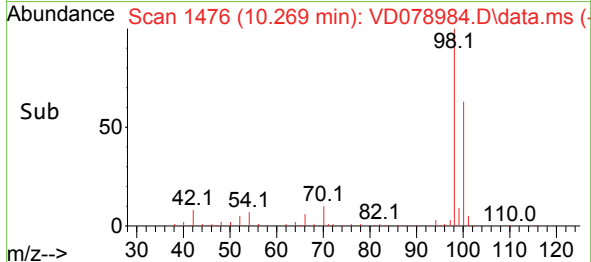
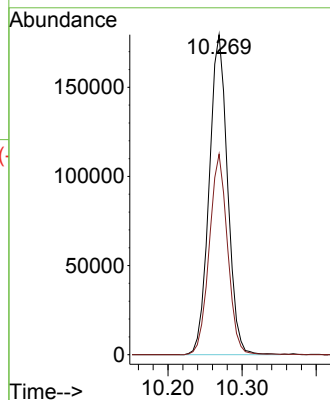
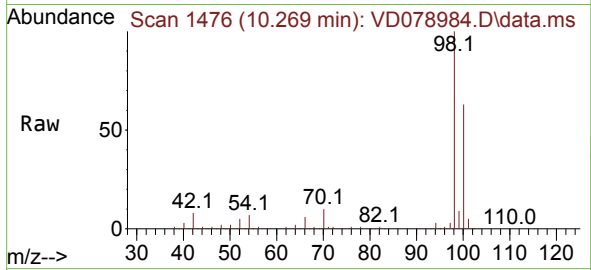




#50
Toluene-d8
Concen: 50.396 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078984.D
Acq: 22 May 2024 17:23

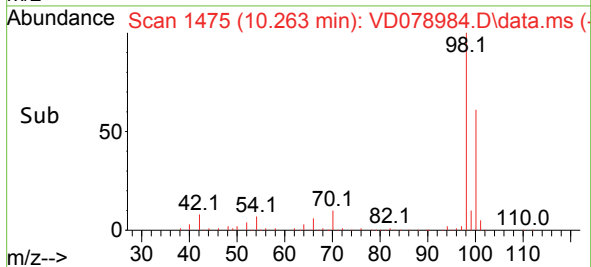
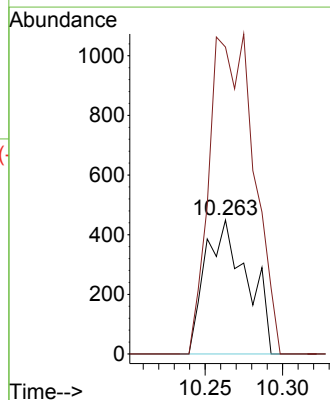
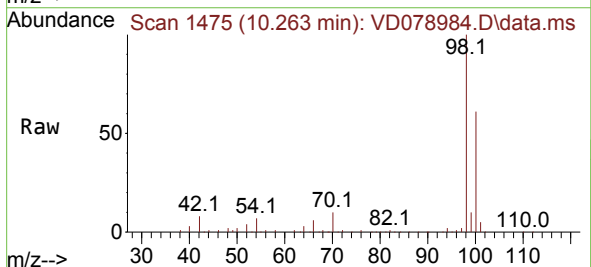
Instrument :
MSVOA_D
ClientSampleId :

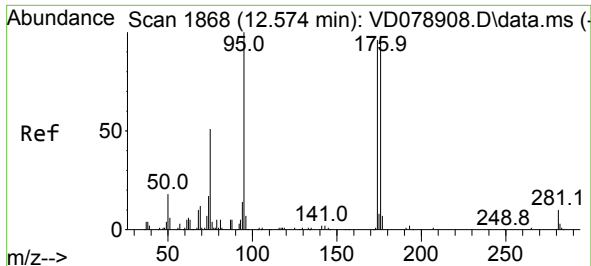
Tgt Ion: 98 Resp: 309266
Ion Ratio Lower Upper
98 100
100 62.2 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.280 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD078984.D
Acq: 22 May 2024 17:23

Tgt Ion: 43 Resp: 840
Ion Ratio Lower Upper
43 100
58 255.4 36.6 55.0#

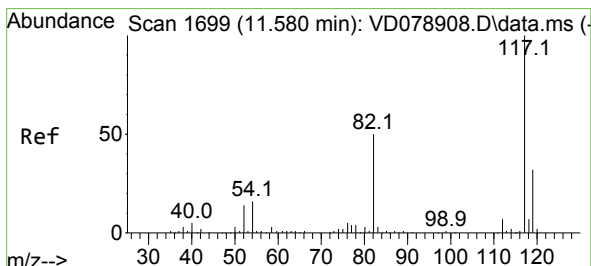
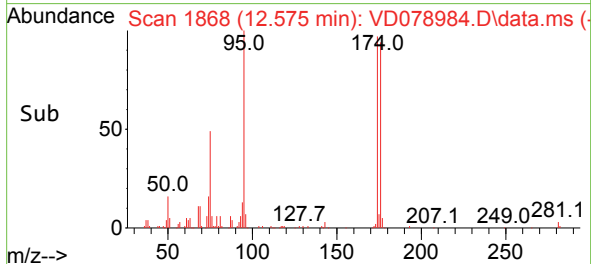
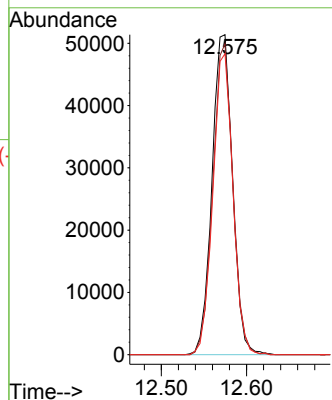
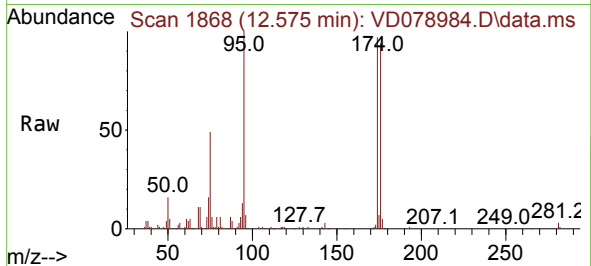




#62
4-Bromofluorobenzene
Concen: 49.926 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078984.D
Acq: 22 May 2024 17:23

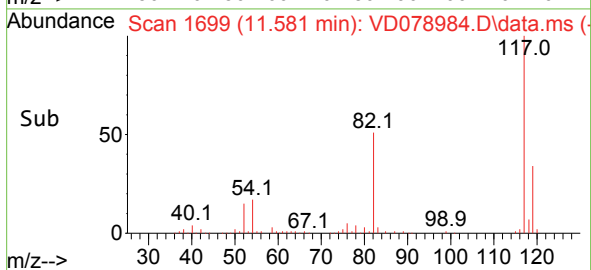
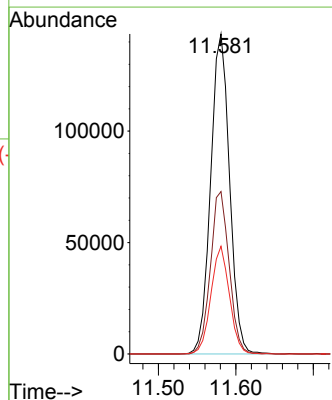
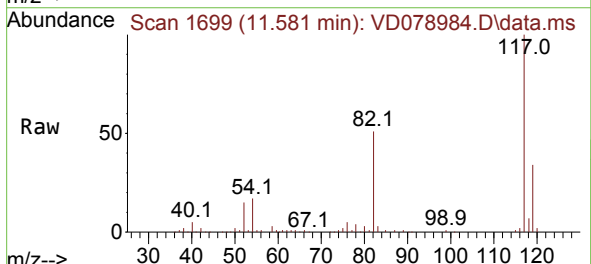
Instrument :
MSVOA_D
ClientSampleId :

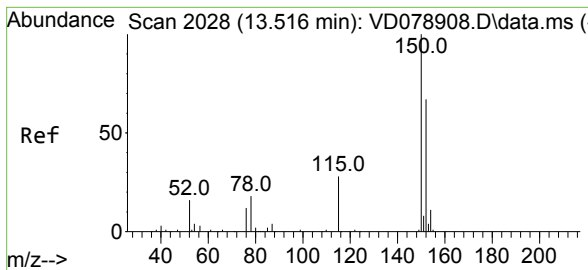
Tgt Ion: 95 Resp: 86071
Ion Ratio Lower Upper
95 100
174 95.1 0.0 195.4
176 91.6 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078984.D
Acq: 22 May 2024 17:23

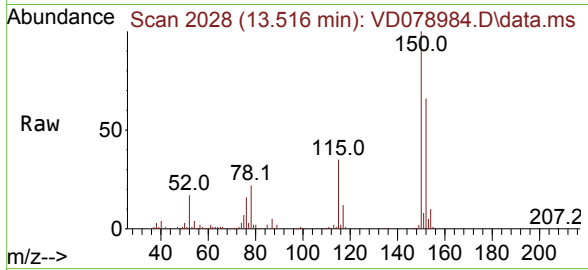
Tgt Ion: 117 Resp: 243593
Ion Ratio Lower Upper
117 100
82 50.8 39.8 59.6
119 33.7 25.7 38.5



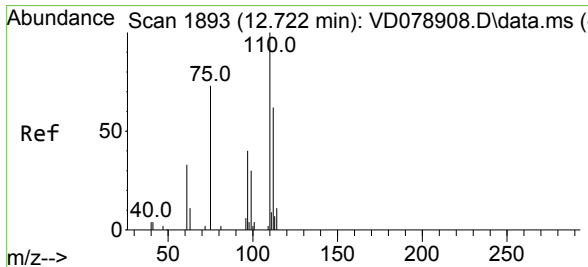
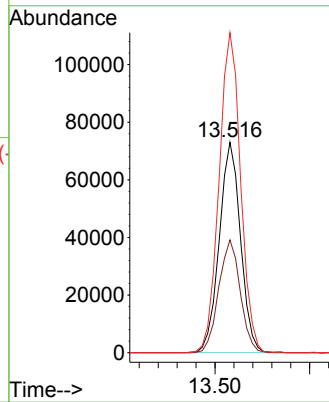
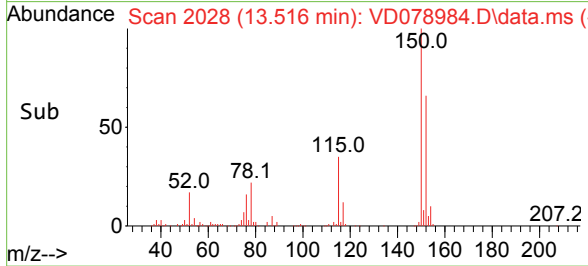


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD078984.D
Acq: 22 May 2024 17:23

Instrument :
MSVOA_D
ClientSampleId :

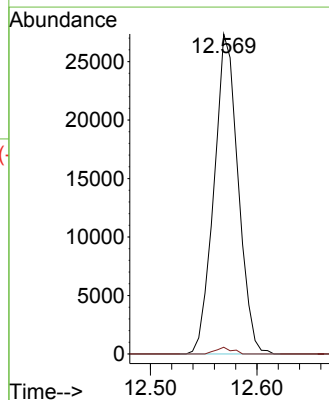
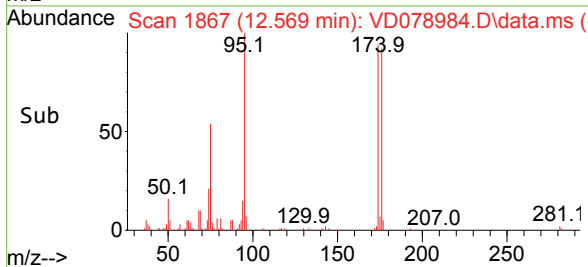
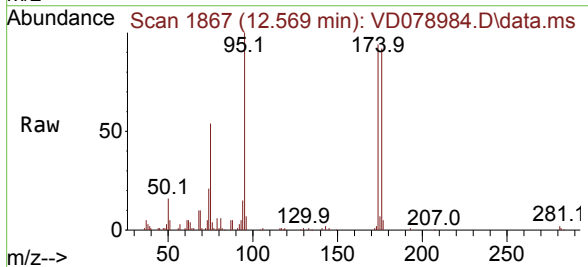


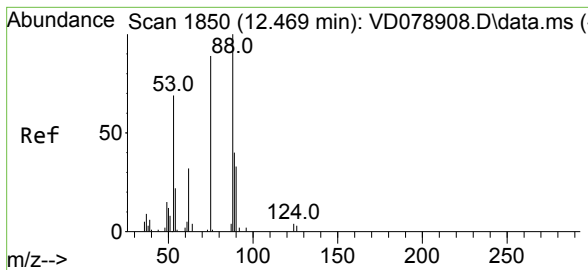
Tgt Ion:152 Resp: 113805
Ion Ratio Lower Upper
152 100
115 54.2 26.5 79.5
150 154.2 0.0 341.6



#76
1,2,3-Trichloropropane
Concen: 53.603 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD078984.D
Acq: 22 May 2024 17:23

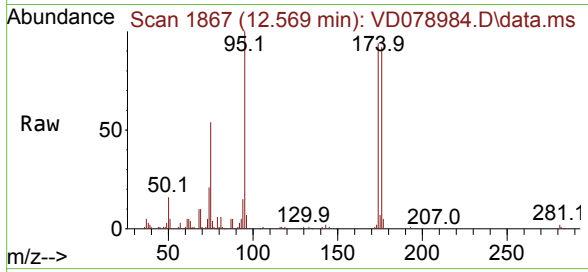
Tgt Ion: 75 Resp: 42946
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 106.295 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078984.D
Acq: 22 May 2024 17:23

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	75	Resp:	42946
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.4	92.2#
89	0.0	35.4	53.0#

