

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110623\
 Data File : VD077508.D
 Acq On : 06 Nov 2023 14:43
 Operator : JC/SY
 Sample : 05256-03
 Misc : 5.46G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 07 02:09:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

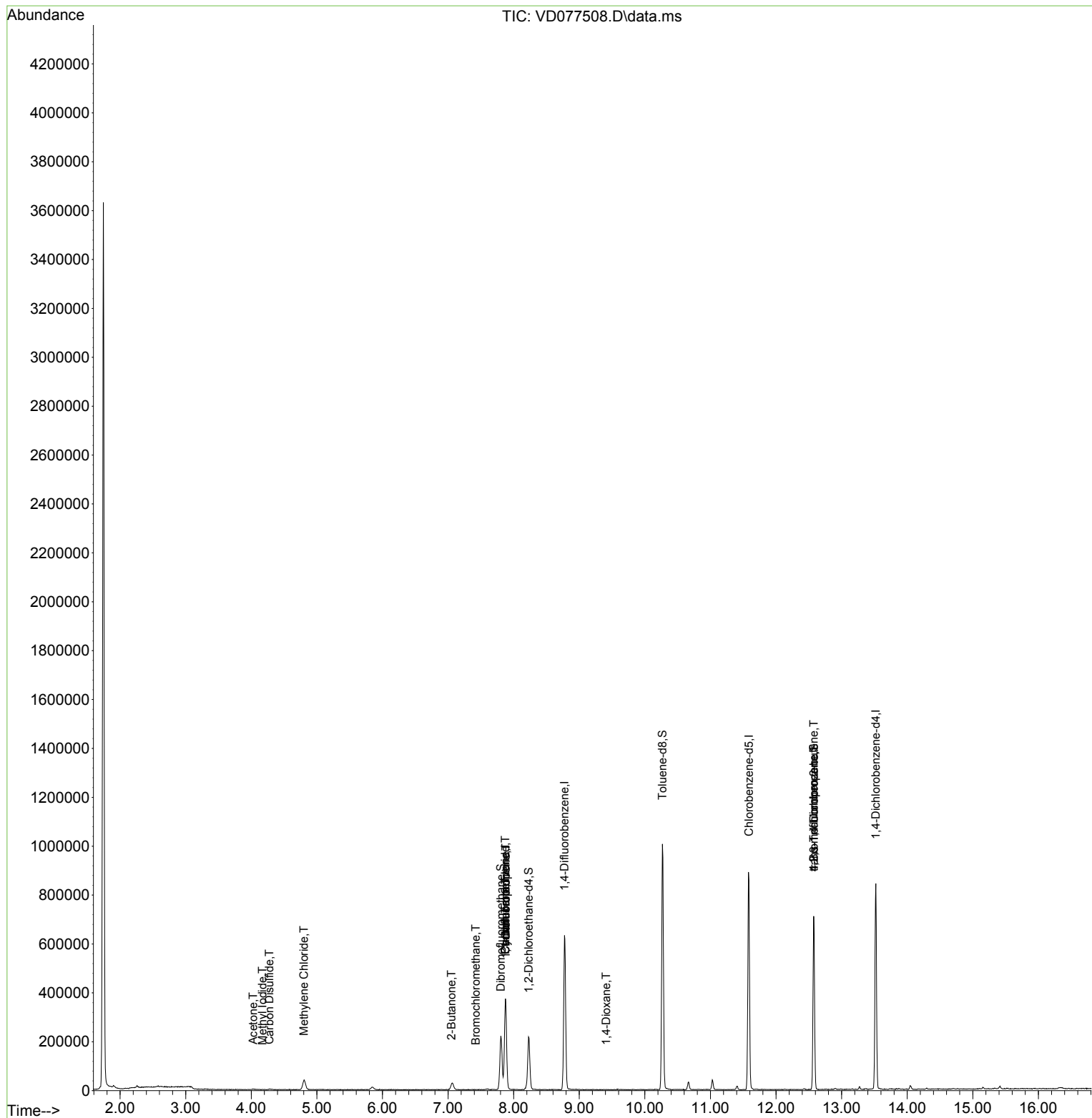
Internal Standards						
1) Pentafluorobenzene	7.875	168	274867	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	525976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	470646	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	209699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	167609	43.123	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.240%
35) Dibromofluoromethane	7.804	113	158178	43.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.020%
50) Toluene-d8	10.269	98	679776	48.141	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.280%
62) 4-Bromofluorobenzene	12.575	95	209960	44.147	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.300%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.169	142	421	3.256	ug/l #	46
16) Acetone	4.028	43	3707	3.604	ug/l #	78
17) Carbon Disulfide	4.275	76	2442	4.023	ug/l #	76
20) Methylene Chloride	4.805	84	26989	4.794	ug/l #	67
25) 2-Butanone	7.052	43	1407	1.026	ug/l #	37
28) Bromochloromethane	7.422	49	55	2.122	ug/l #	1
31) Cyclohexane	7.875	56	7203	1.185	ug/l #	12
36) 1,1-Dichloropropene	7.881	75	25303	4.694	ug/l #	47
38) Carbon Tetrachloride	7.875	117	28091	5.531	ug/l #	15
49) 1,4-Dioxane	9.410	88	70	2.992	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	119418	46.790	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	119418	90.380	ug/l #	17

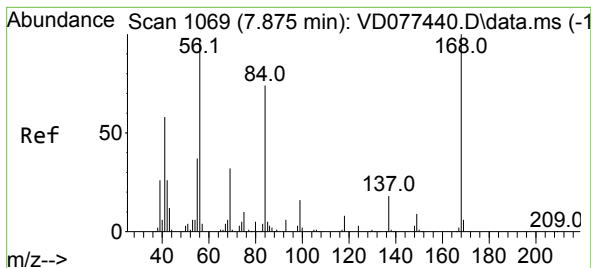
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 07 02:09:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 2023
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: VD077508.D

Acq: 06 Nov 2023 14:43

Instrument :

MSVOA_D

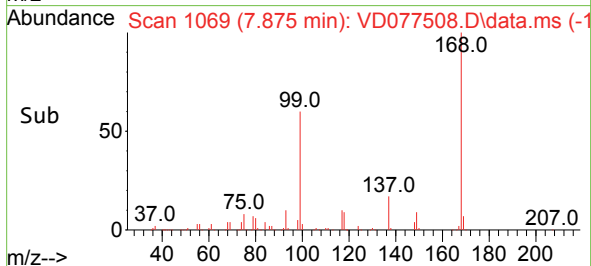
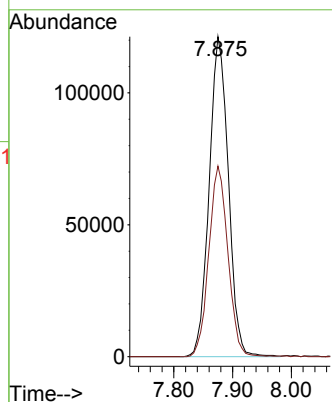
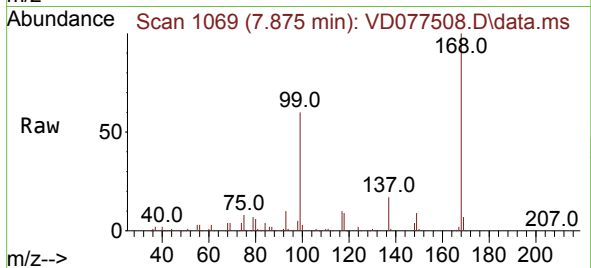
ClientSampleId :

Tgt Ion:168 Resp: 274867

Ion Ratio Lower Upper

168 100

99 59.5 36.7 55.1#



#10

Methyl Iodide

Concen: 3.256 ug/l

RT: 4.169 min Scan# 439

Delta R.T. 0.000 min

Lab File: VD077508.D

Acq: 06 Nov 2023 14:43

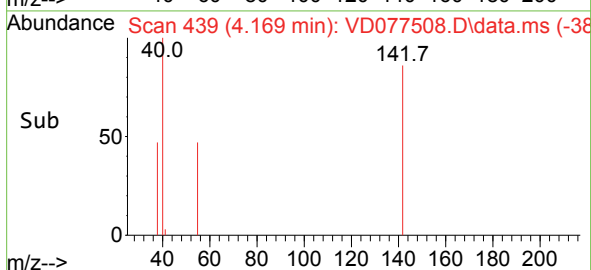
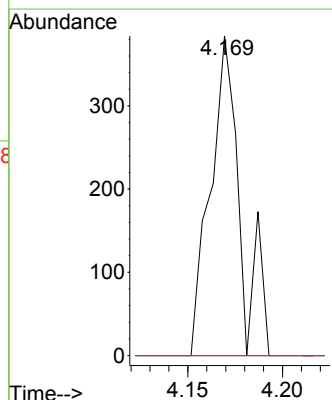
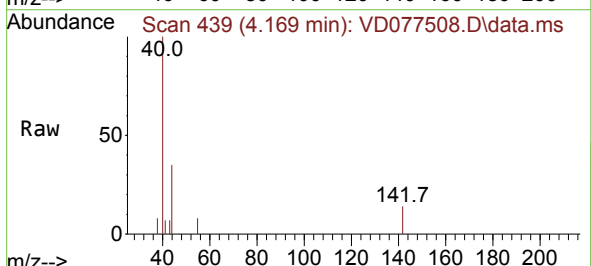
Tgt Ion:142 Resp: 421

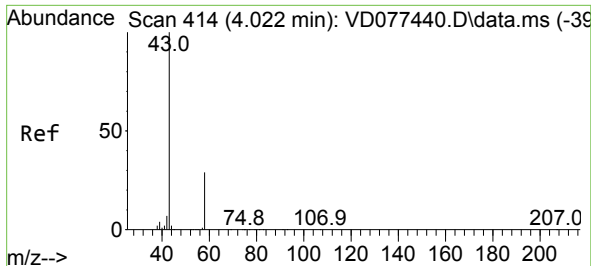
Ion Ratio Lower Upper

142 100

127 0.0 29.4 44.0#

141 0.0 11.1 16.7#

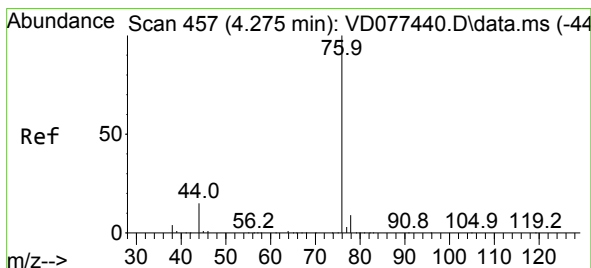
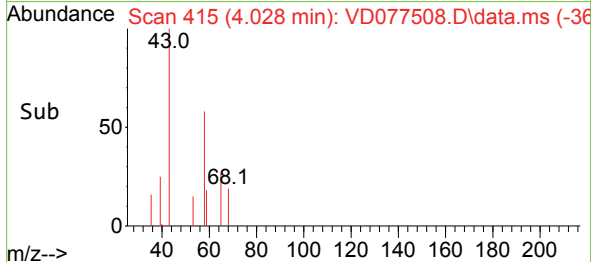
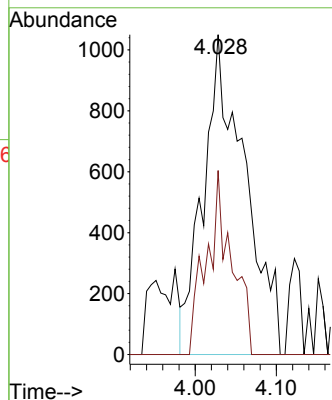
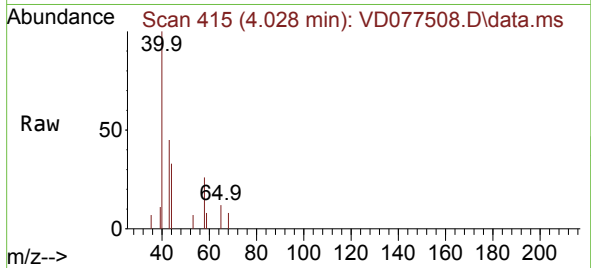




#16
Acetone
Concen: 3.604 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD077508.D
Acq: 06 Nov 2023 14:43

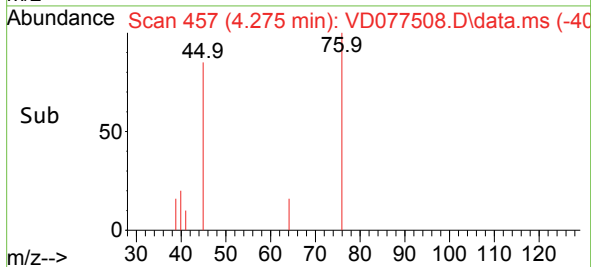
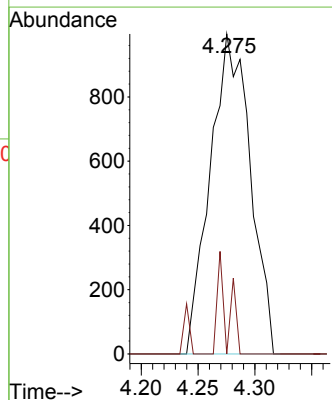
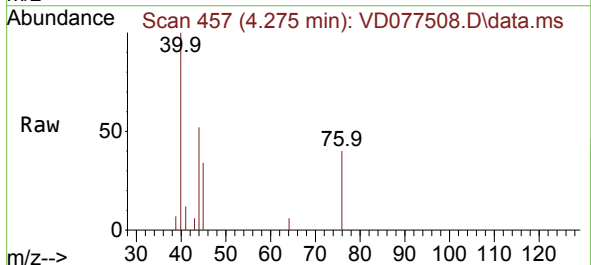
Instrument :
MSVOA_D
ClientSampleId :

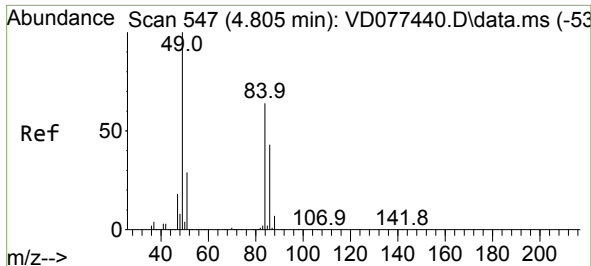
Tgt Ion: 43 Resp: 3707
Ion Ratio Lower Upper
43 100
58 57.5 34.7 52.1#



#17
Carbon Disulfide
Concen: 4.023 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077508.D
Acq: 06 Nov 2023 14:43

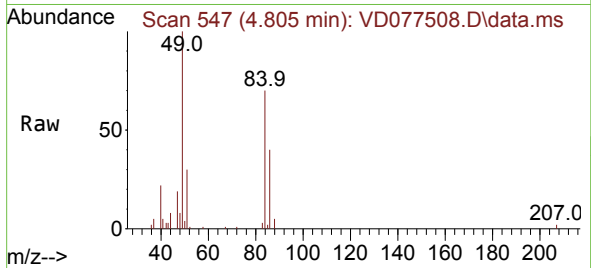
Tgt Ion: 76 Resp: 2442
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



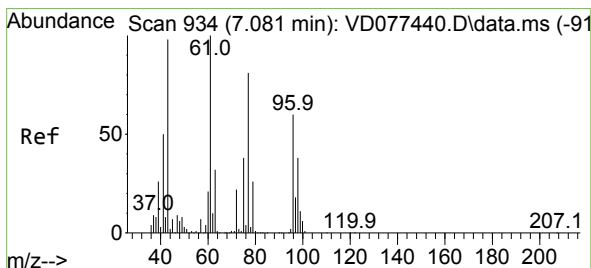
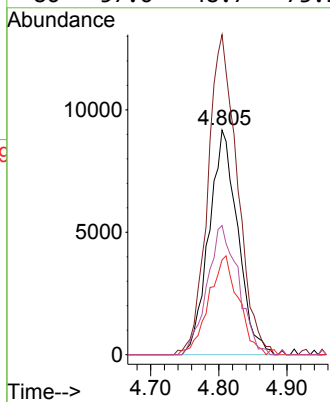
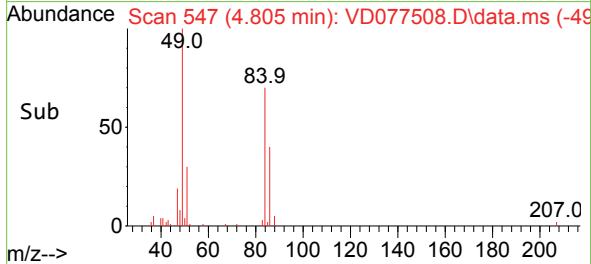


#20
Methylene Chloride
Concen: 4.794 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077508.D
Acq: 06 Nov 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :

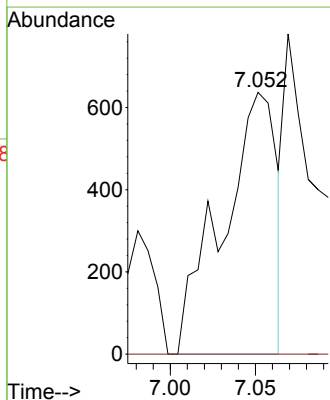
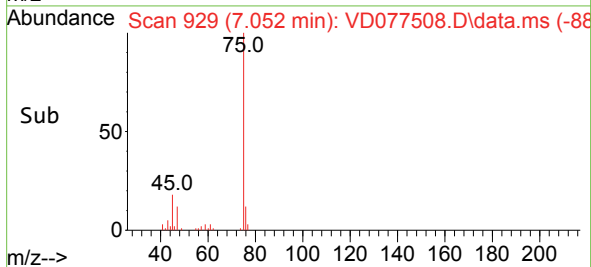
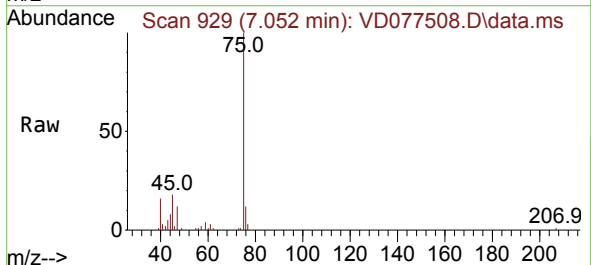


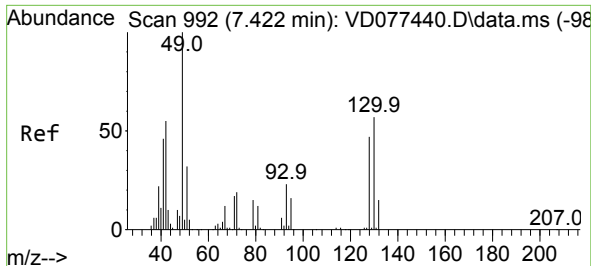
Tgt Ion:	84	Resp:	26989
Ion	Ratio	Lower	Upper
84	100		
49	142.6	71.4	107.2#
51	42.2	24.5	36.7#
86	57.6	48.7	73.1



#25
2-Butanone
Concen: 1.026 ug/l
RT: 7.052 min Scan# 929
Delta R.T. -0.029 min
Lab File: VD077508.D
Acq: 06 Nov 2023 14:43

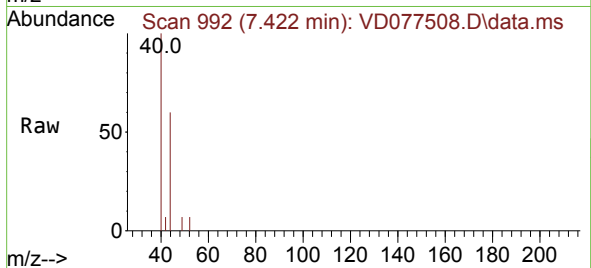
Tgt Ion:	43	Resp:	1407
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#



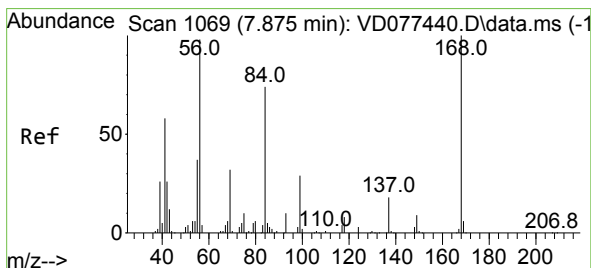
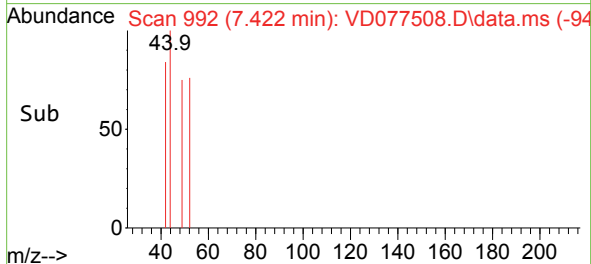
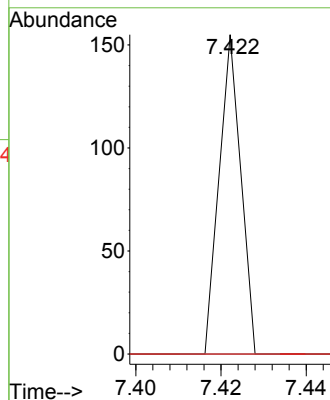


#28
Bromochloromethane
Concen: 2.122 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD077508.D
Acq: 06 Nov 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :

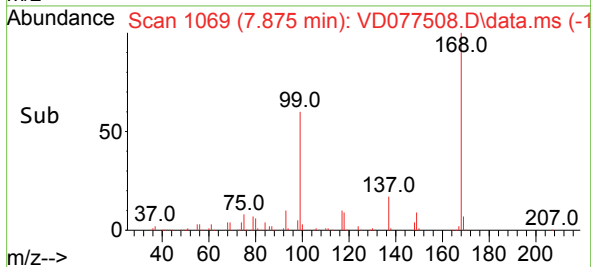
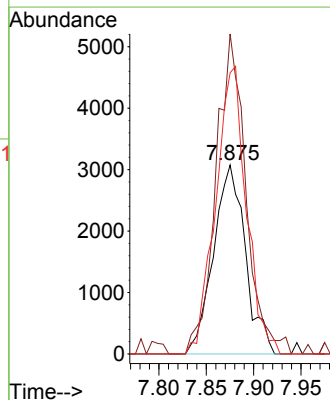
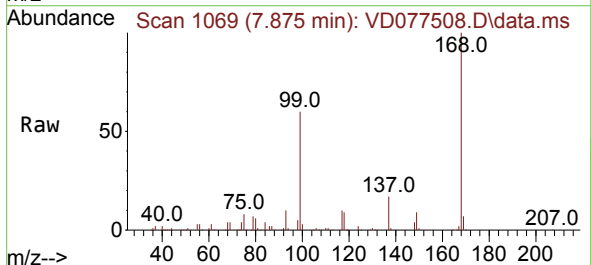


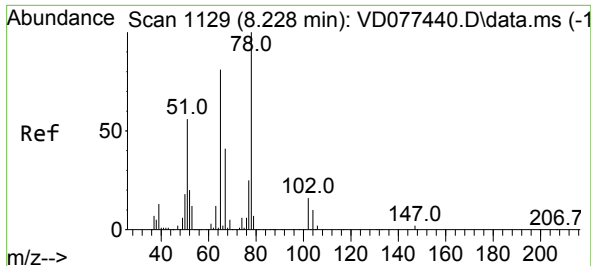
Tgt Ion: 49 Resp: 55
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#31
Cyclohexane
Concen: 1.185 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077508.D
Acq: 06 Nov 2023 14:43

Tgt Ion: 56 Resp: 7203
Ion Ratio Lower Upper
56 100
69 169.3 28.6 43.0#
84 148.8 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 43.123 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077508.D

Acq: 06 Nov 2023 14:43

Instrument :

MSVOA_D

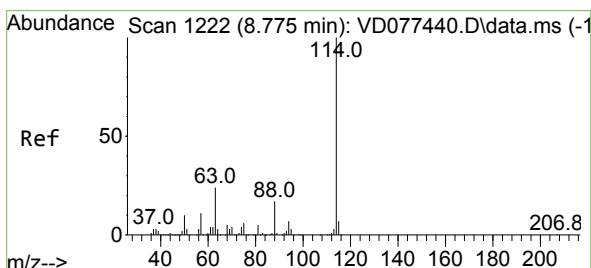
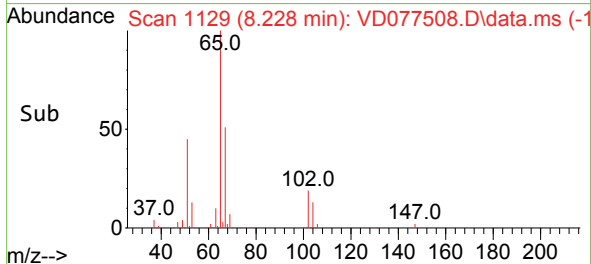
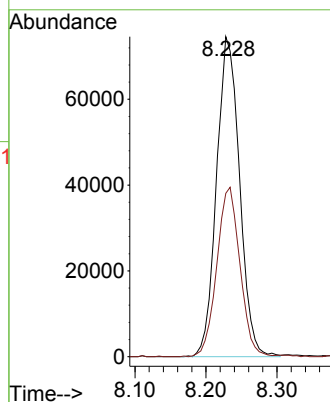
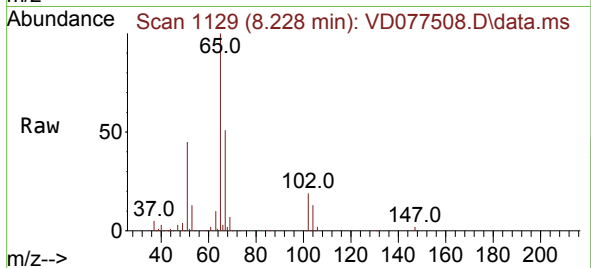
ClientSampleId :

Tgt Ion: 65 Resp: 167609

Ion Ratio Lower Upper

65 100

67 53.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077508.D

Acq: 06 Nov 2023 14:43

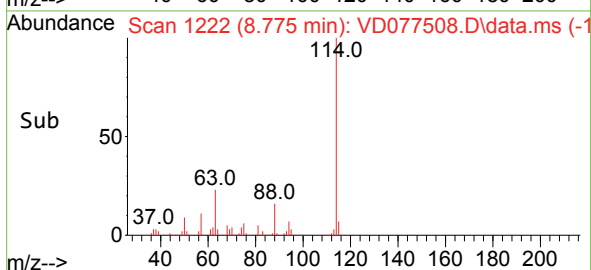
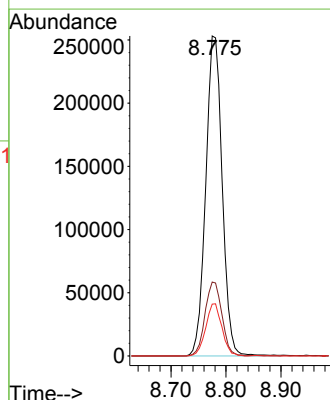
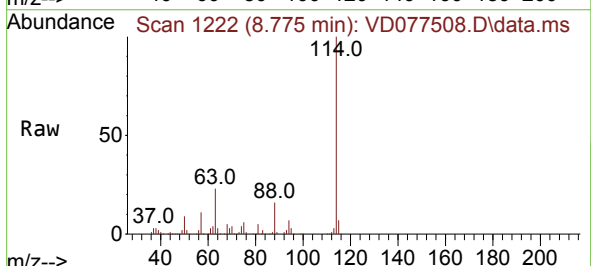
Tgt Ion: 114 Resp: 525976

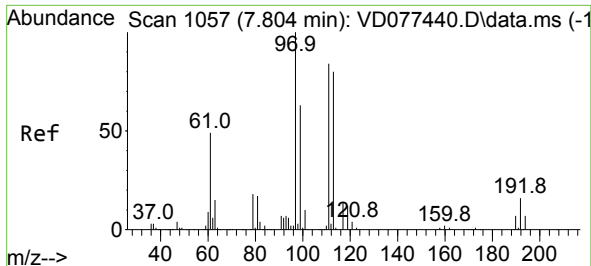
Ion Ratio Lower Upper

114 100

63 23.1 0.0 33.4

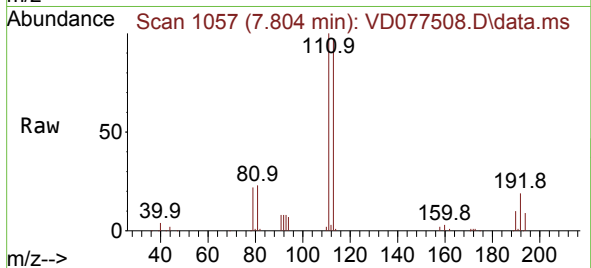
88 16.2 0.0 26.2



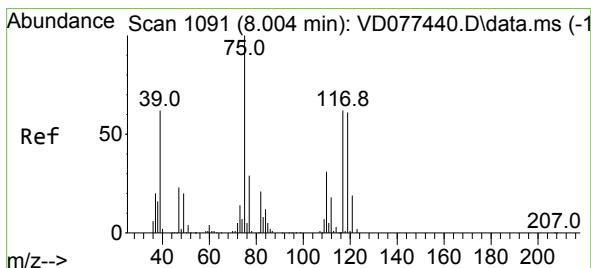
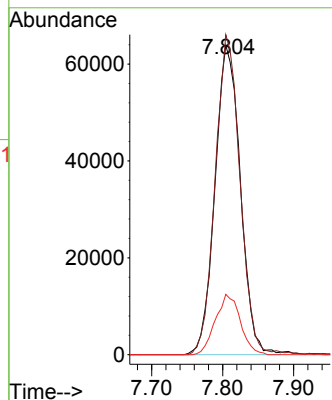
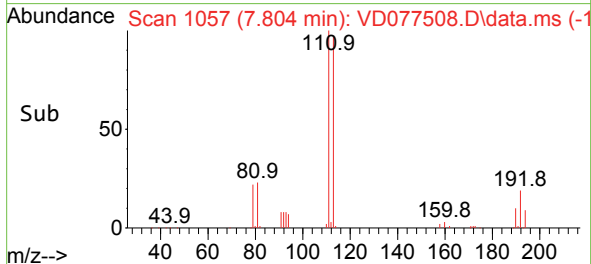


#35
Dibromofluoromethane
Concen: 43.511 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077508.D
Acq: 06 Nov 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :

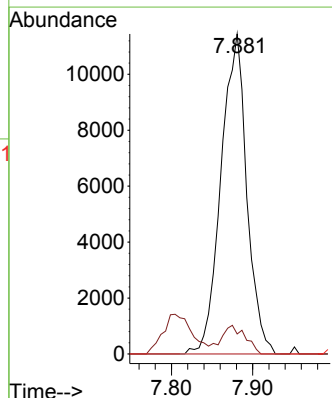
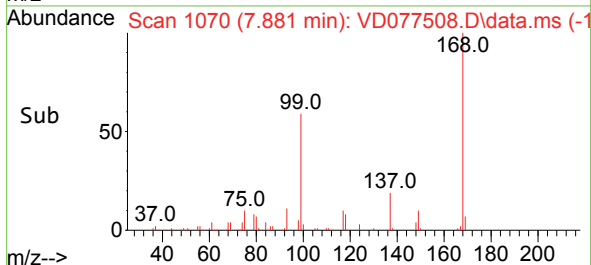
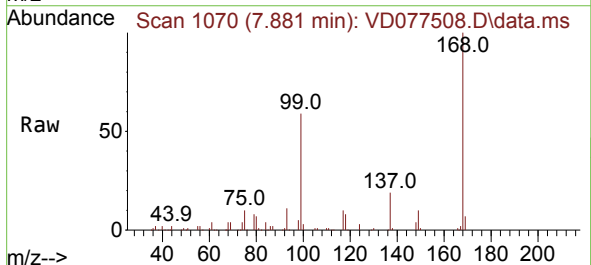


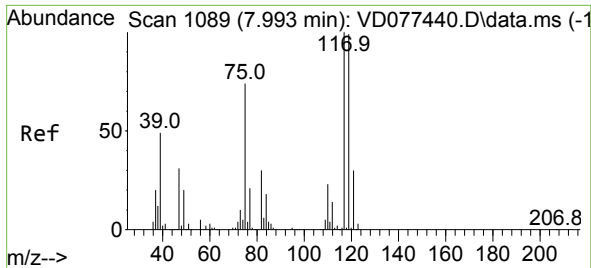
Tgt Ion:113 Resp: 158178
Ion Ratio Lower Upper
113 100
111 101.4 84.7 127.1
192 19.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.694 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.123 min
Lab File: VD077508.D
Acq: 06 Nov 2023 14:43

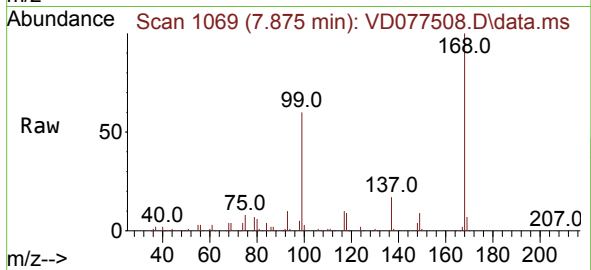
Tgt Ion: 75 Resp: 25303
Ion Ratio Lower Upper
75 100
110 8.3 19.9 59.6#
77 0.0 24.7 37.1#



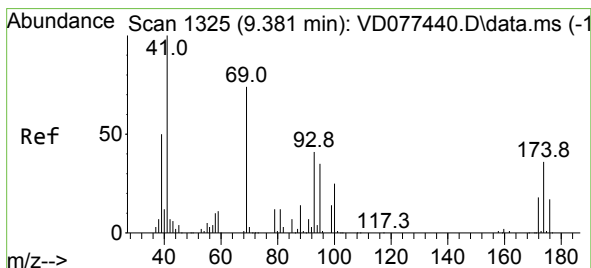
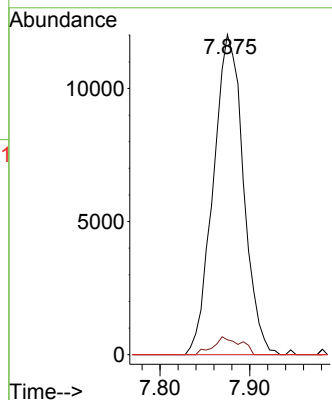
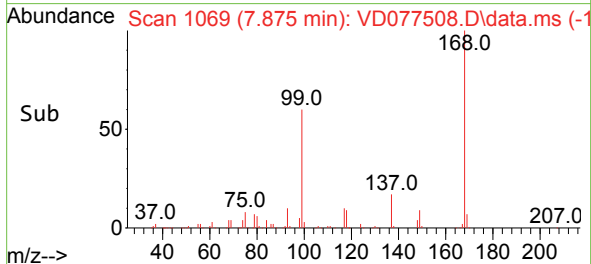


#38
Carbon Tetrachloride
Concen: 5.531 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD077508.D
Acq: 06 Nov 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :

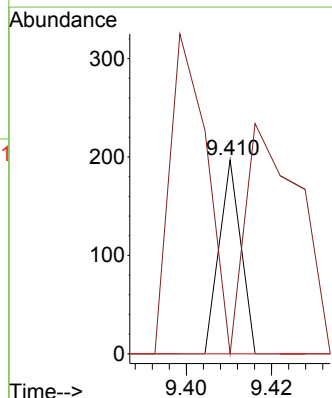
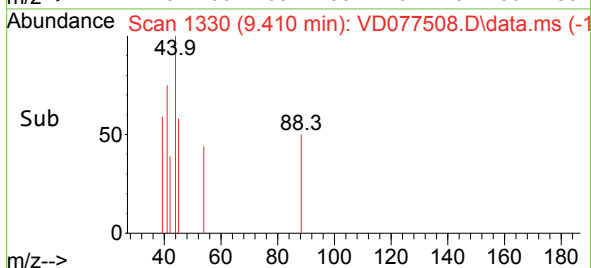
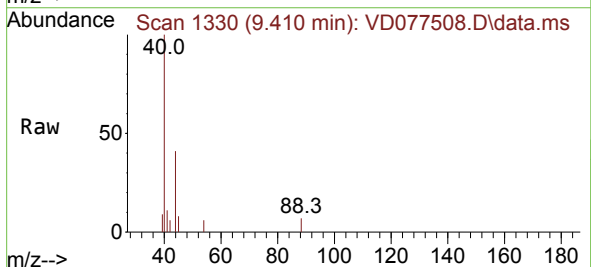


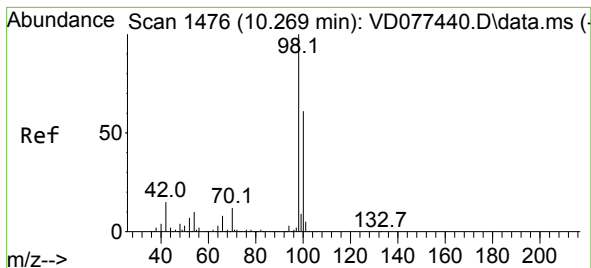
Tgt Ion:117 Resp: 28091
Ion Ratio Lower Upper
117 100
119 4.7 78.0 117.0#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 2.992 ug/l
RT: 9.410 min Scan# 1330
Delta R.T. 0.029 min
Lab File: VD077508.D
Acq: 06 Nov 2023 14:43

Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 292.9 19.0 28.6#
58 0.0 43.5 65.3#

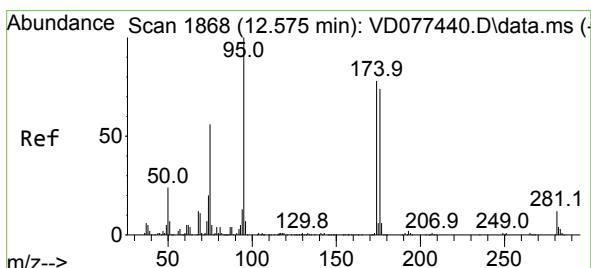
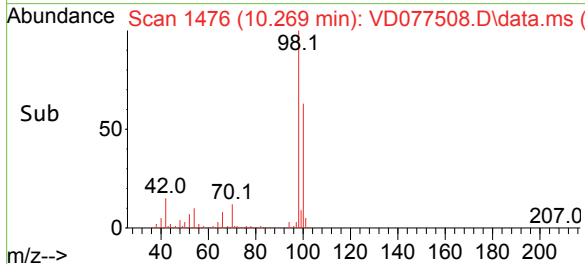
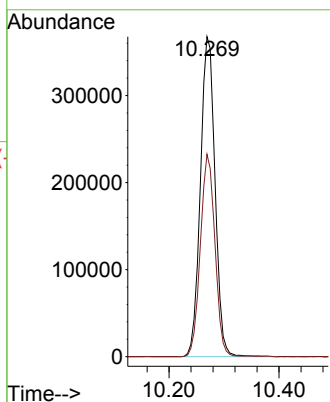
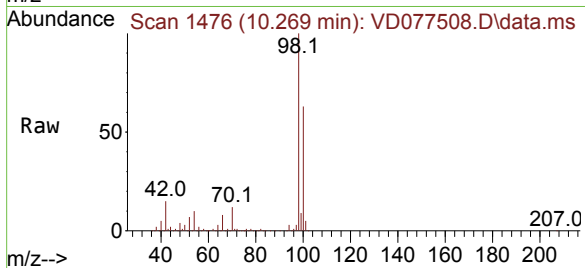




#50
Toluene-d8
Concen: 48.141 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077508.D
Acq: 06 Nov 2023 14:43

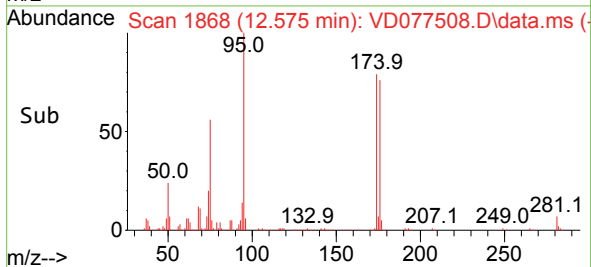
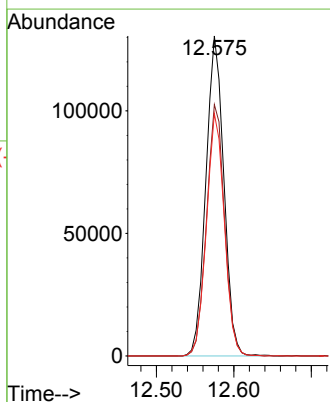
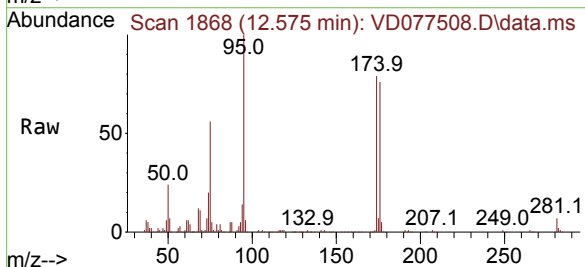
Instrument :
MSVOA_D
ClientSampleId :

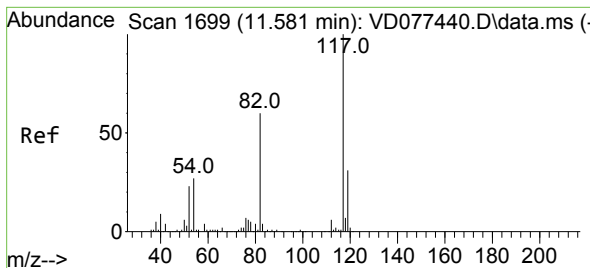
Tgt Ion: 98 Resp: 679776
Ion Ratio Lower Upper
98 100
100 63.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.147 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077508.D
Acq: 06 Nov 2023 14:43

Tgt Ion: 95 Resp: 209960
Ion Ratio Lower Upper
95 100
174 78.9 0.0 201.8
176 75.5 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077508.D

Acq: 06 Nov 2023 14:43

Instrument :

MSVOA_D

ClientSampleId :

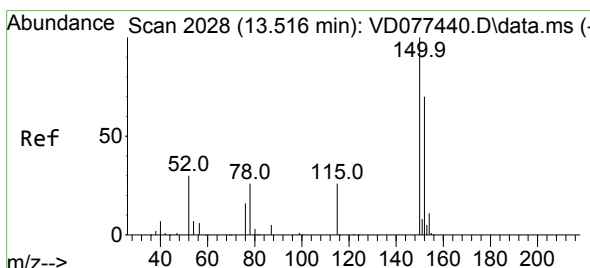
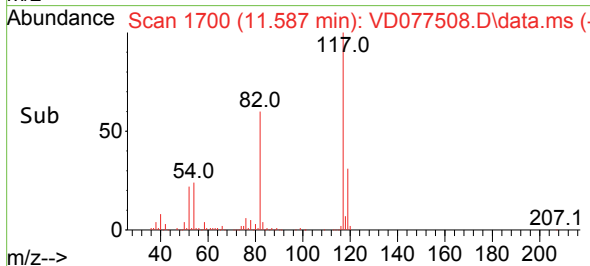
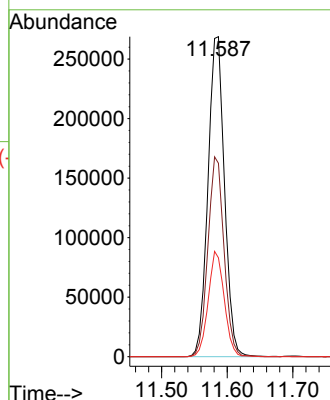
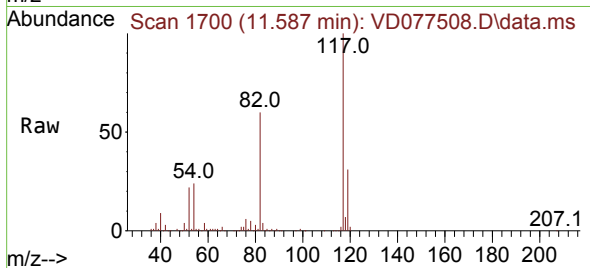
Tgt Ion:117 Resp: 470646

Ion Ratio Lower Upper

117 100

82 60.5 38.3 57.5#

119 30.9 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD077508.D

Acq: 06 Nov 2023 14:43

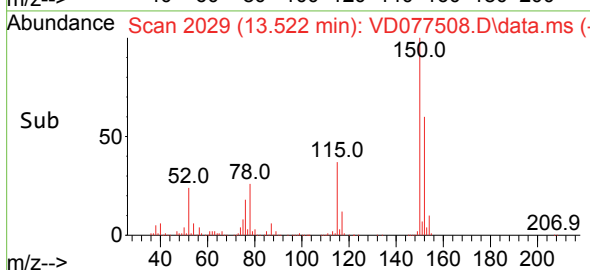
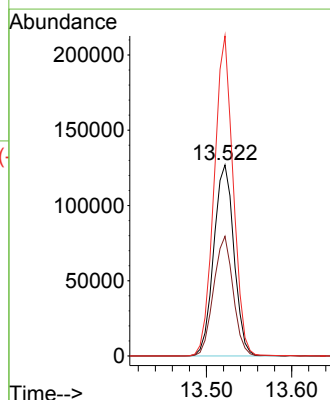
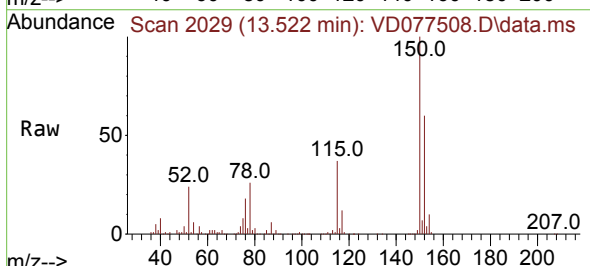
Tgt Ion:152 Resp: 209699

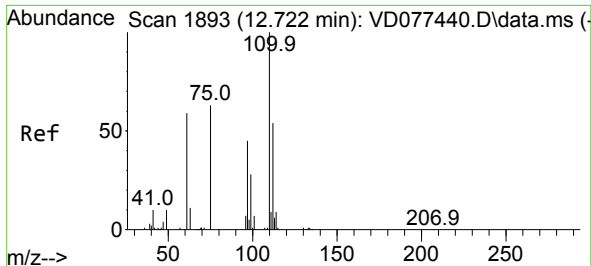
Ion Ratio Lower Upper

152 100

115 60.7 27.1 81.3

150 158.1 0.0 353.6

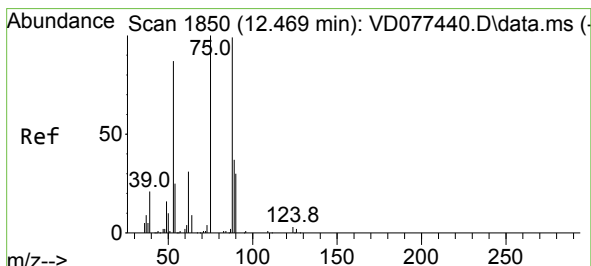
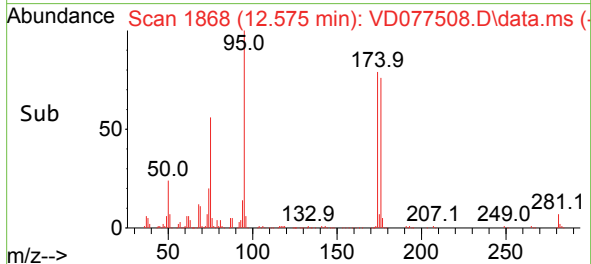
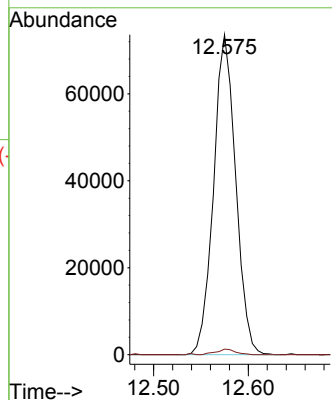
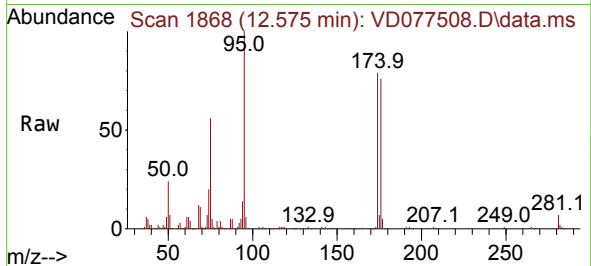




#76
1,2,3-Trichloropropane
Concen: 46.790 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD077508.D
Acq: 06 Nov 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 119418
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.380 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077508.D
Acq: 06 Nov 2023 14:43

Tgt Ion: 75 Resp: 119418
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.1 37.9 56.9#

