

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078690.D
 Acq On : 18 Mar 2024 11:58
 Operator : RP/MD
 Sample : VD0318SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBL01

Quant Time: Mar 19 01:24:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

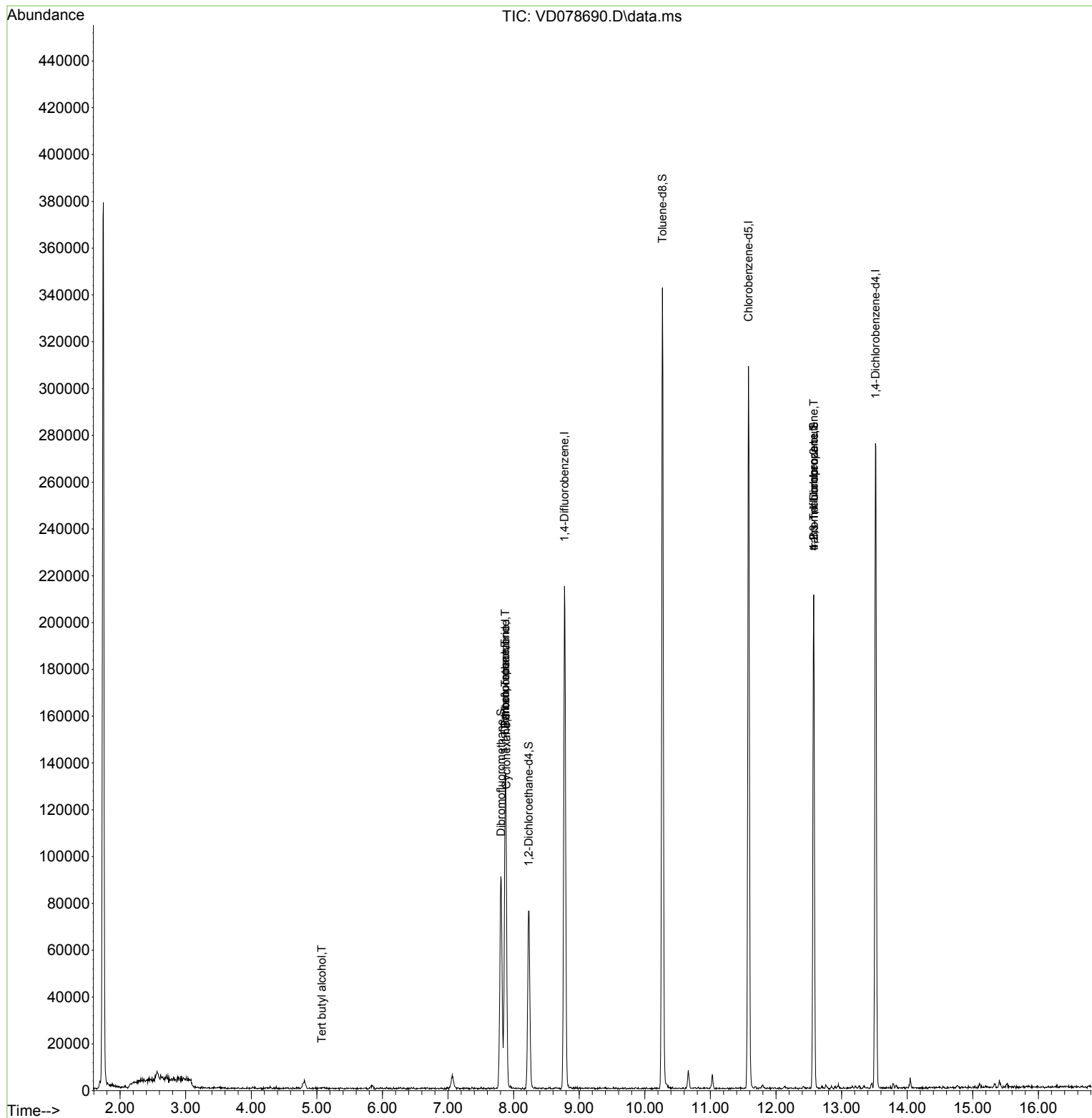
Internal Standards						
1) Pentafluorobenzene	7.875	168	109371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	198956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	187158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	77700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60648	59.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.340%
35) Dibromofluoromethane	7.811	113	66847	52.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.360%
50) Toluene-d8	10.269	98	238490	50.624	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.240%
62) 4-Bromofluorobenzene	12.575	95	63263	45.901	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.800%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.075	59	66	1.439	ug/l #	75
20) Methylene Chloride	4.811	84	1450	Below Cal	#	82
31) Cyclohexane	7.887	56	2591	1.504	ug/l #	38
36) 1,1-Dichloropropene	7.869	75	8825	4.748	ug/l #	47
38) Carbon Tetrachloride	7.875	117	11069	5.649	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	31672	52.907	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	31672	110.902	ug/l #	19

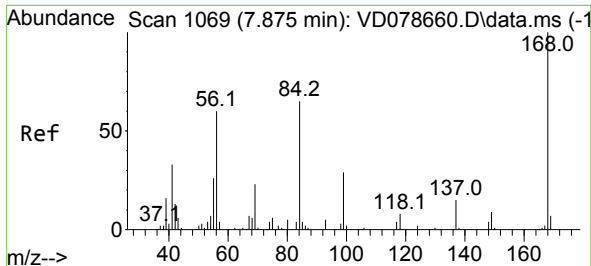
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
Data File : VD078690.D
Acq On : 18 Mar 2024 11:58
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Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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Quant Time: Mar 19 01:24:42 2024
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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

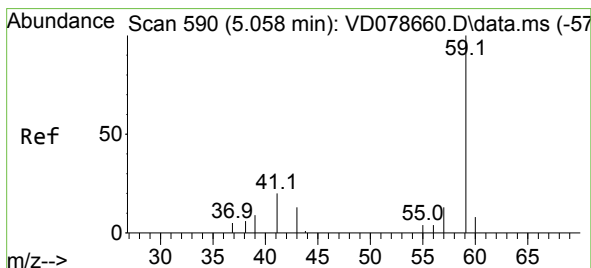
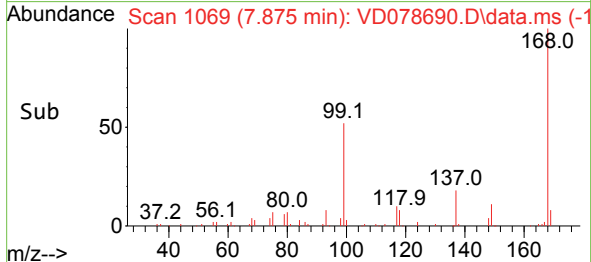
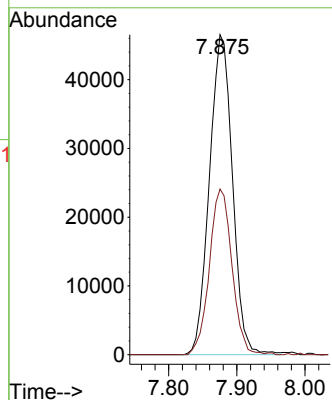
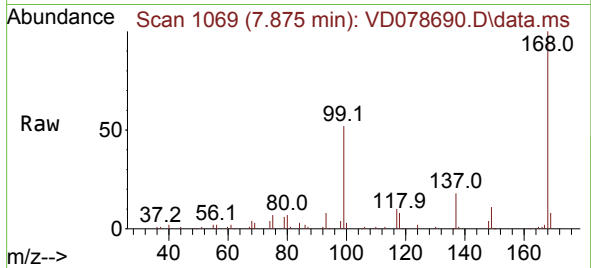




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078690.D
Acq: 18 Mar 2024 11:58

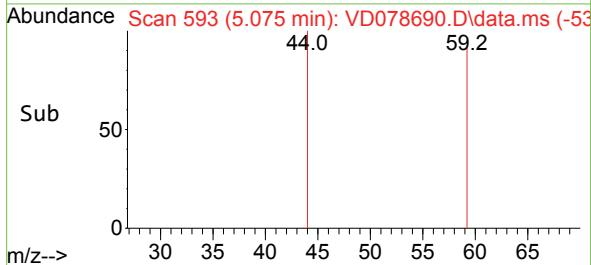
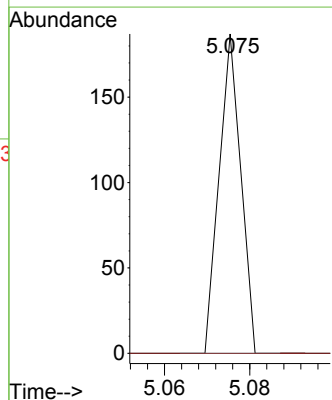
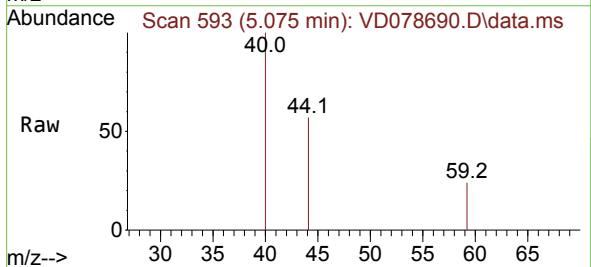
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL01

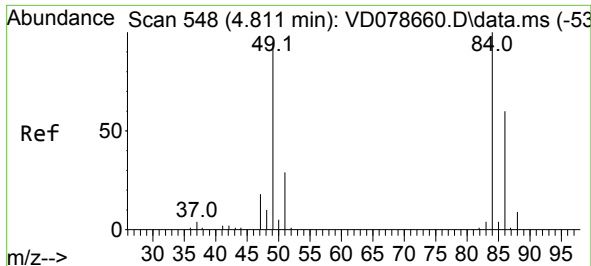
Tgt Ion:168 Resp: 109371
Ion Ratio Lower Upper
168 100
99 51.8 38.8 58.2



#11
Tert butyl alcohol
Concen: 1.439 ug/l
RT: 5.075 min Scan# 593
Delta R.T. 0.018 min
Lab File: VD078690.D
Acq: 18 Mar 2024 11:58

Tgt Ion: 59 Resp: 66
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.811 min Scan# 54

Delta R.T. -0.000 min

Lab File: VD078690.D

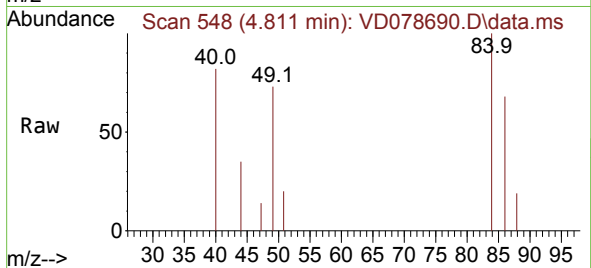
Acq: 18 Mar 2024 11:58

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBL01



Tgt Ion: 84 Resp: 1450

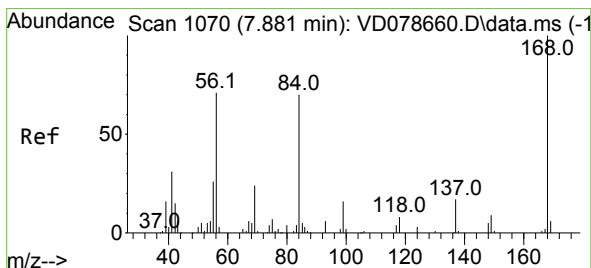
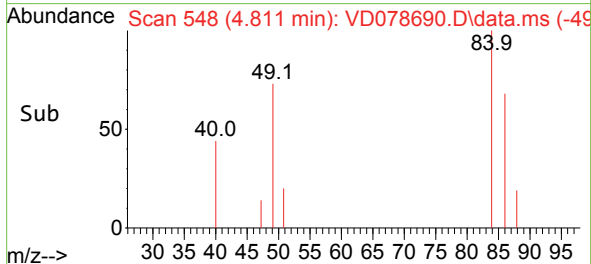
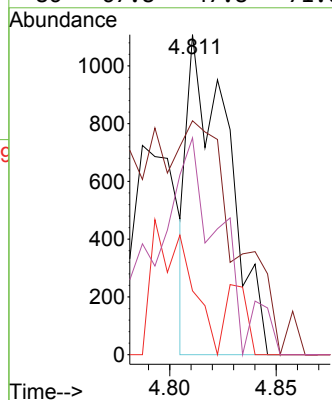
Ion Ratio Lower Upper

84 100

49 73.1 75.6 113.4#

51 19.9 23.4 35.0#

86 67.8 47.8 71.6



#31

Cyclohexane

Concen: 1.504 ug/l

RT: 7.887 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VD078690.D

Acq: 18 Mar 2024 11:58

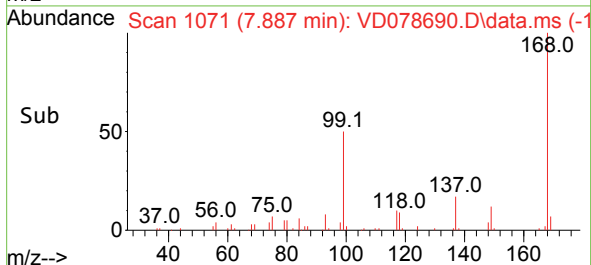
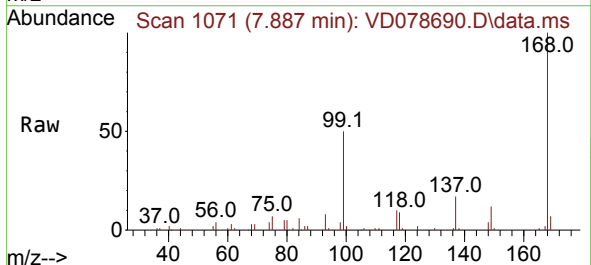
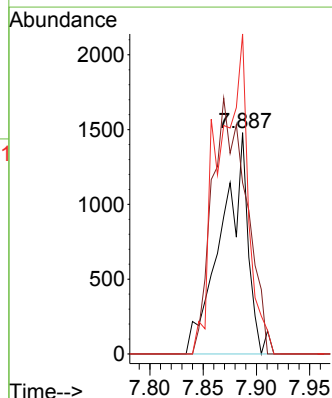
Tgt Ion: 56 Resp: 2591

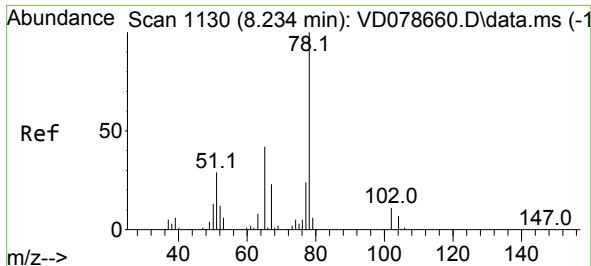
Ion Ratio Lower Upper

56 100

69 77.4 26.6 40.0#

84 155.4 79.4 119.2#





#33

1,2-Dichloroethane-d4

Concen: 59.170 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078690.D

Acq: 18 Mar 2024 11:58

Instrument :

MSVOA_D

ClientSampleId :

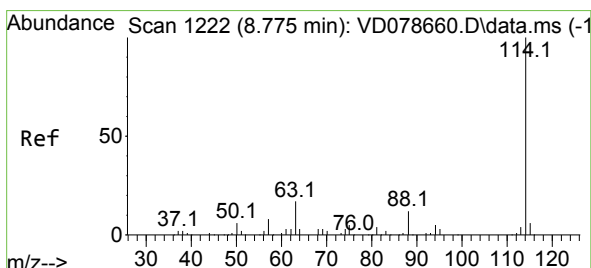
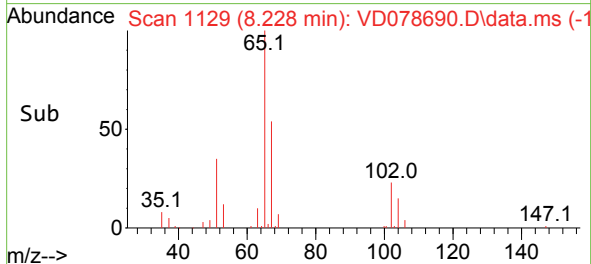
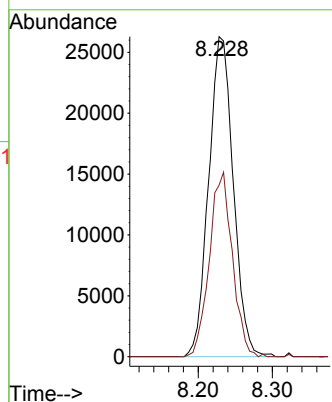
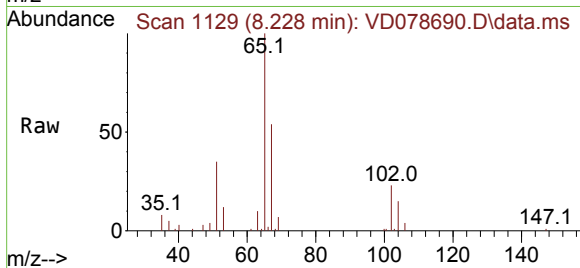
VD0318SBL01

Tgt Ion: 65 Resp: 60648

Ion Ratio Lower Upper

65 100

67 53.8 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078690.D

Acq: 18 Mar 2024 11:58

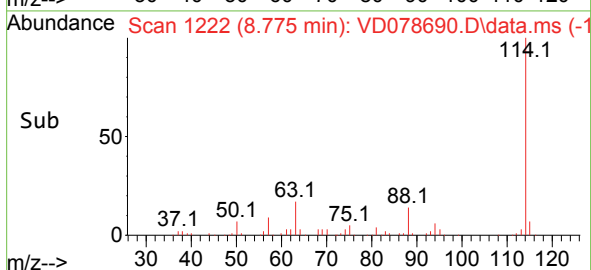
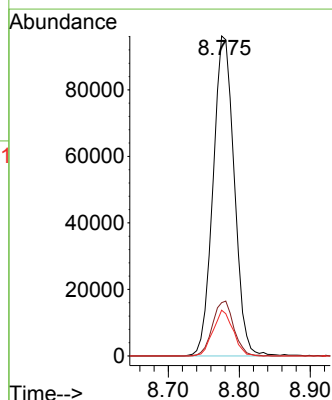
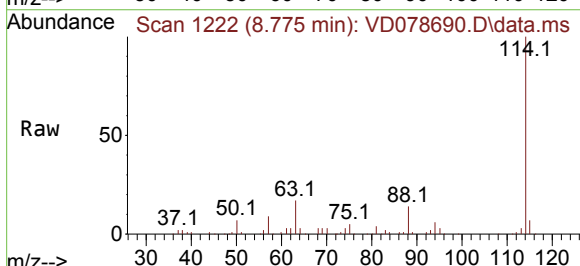
Tgt Ion: 114 Resp: 198956

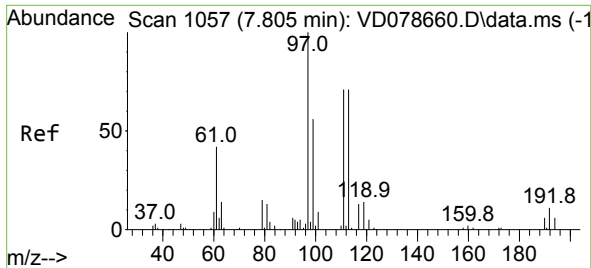
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 14.3 0.0 24.6

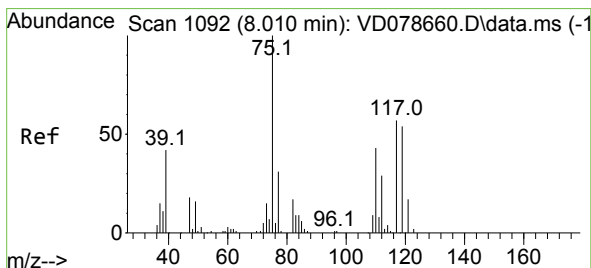
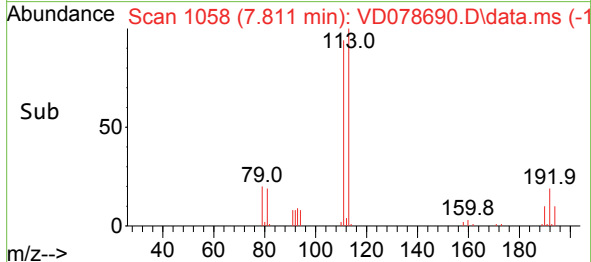
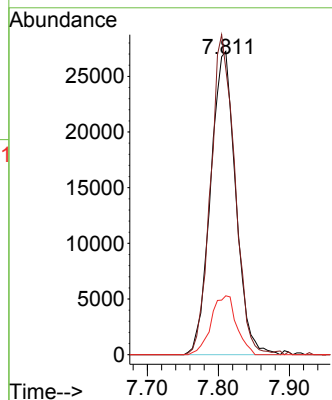
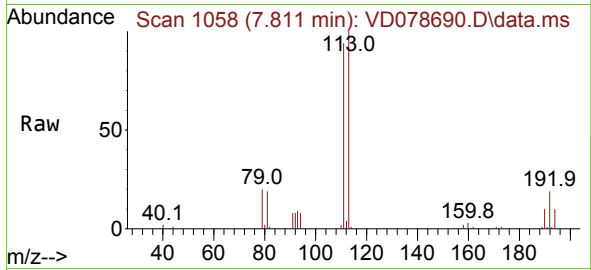




#35
 Dibromofluoromethane
 Concen: 52.184 ug/l
 RT: 7.811 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VD078690.D
 Acq: 18 Mar 2024 11:58

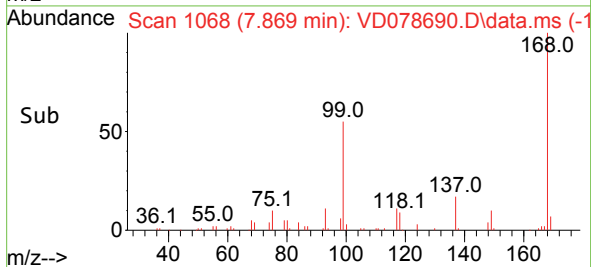
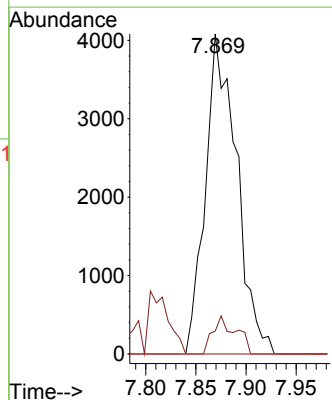
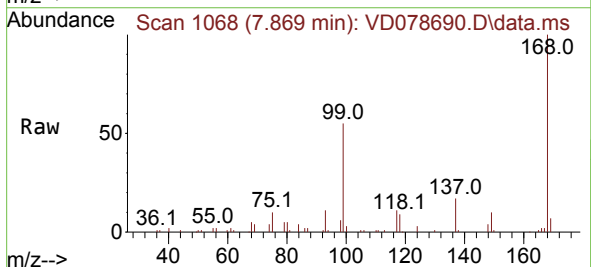
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBL01

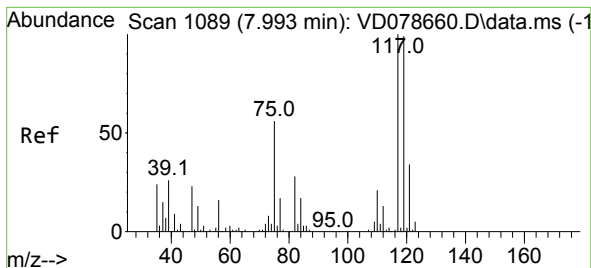
Tgt Ion:113 Resp: 66847
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.9 122.9
 192 19.6 15.4 23.0



#36
 1,1-Dichloropropene
 Concen: 4.748 ug/l
 RT: 7.869 min Scan# 1068
 Delta R.T. -0.141 min
 Lab File: VD078690.D
 Acq: 18 Mar 2024 11:58

Tgt Ion: 75 Resp: 8825
 Ion Ratio Lower Upper
 75 100
 110 8.7 19.1 57.1#
 77 0.0 25.4 38.2#





#38

Carbon Tetrachloride

Concen: 5.649 ug/l

RT: 7.875 min Scan# 11069

Delta R.T. -0.118 min

Lab File: VD078690.D

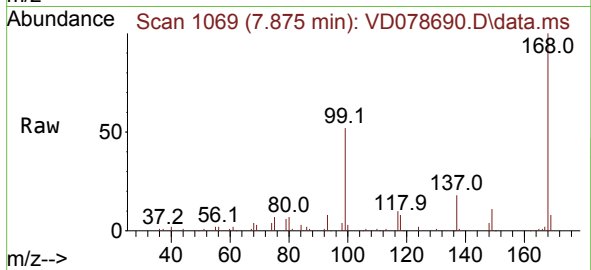
Acq: 18 Mar 2024 11:58

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBL01



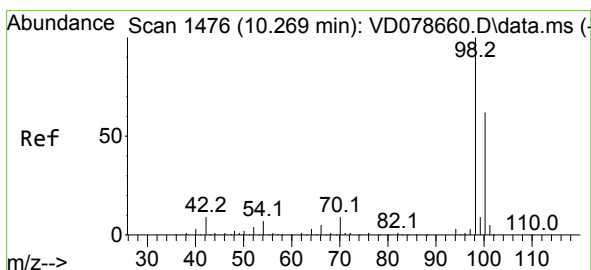
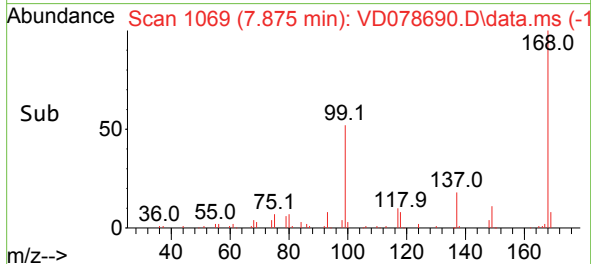
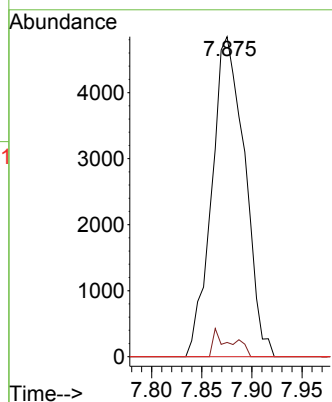
Tgt Ion:117 Resp: 11069

Ion Ratio Lower Upper

117 100

119 4.5 79.2 118.8#

121 0.0 26.8 40.2#



#50

Toluene-d8

Concen: 50.624 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078690.D

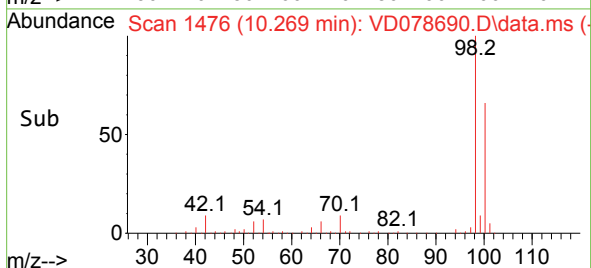
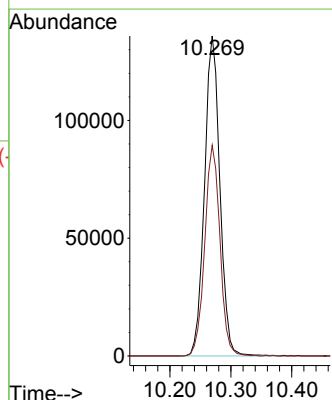
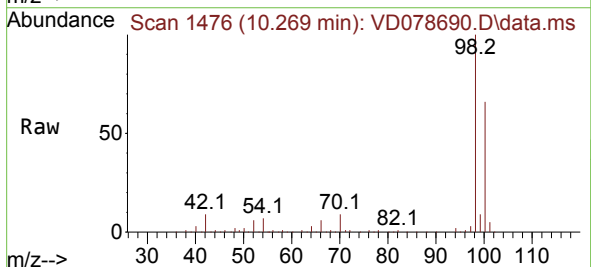
Acq: 18 Mar 2024 11:58

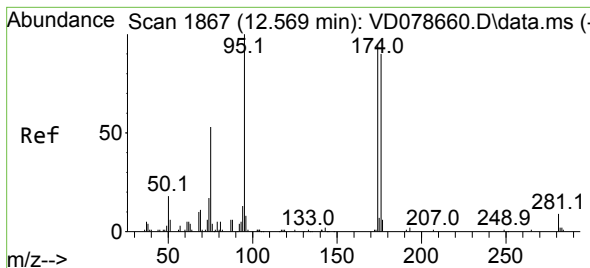
Tgt Ion: 98 Resp: 238490

Ion Ratio Lower Upper

98 100

100 65.3 50.5 75.7

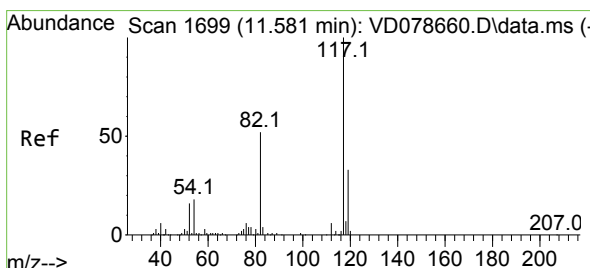
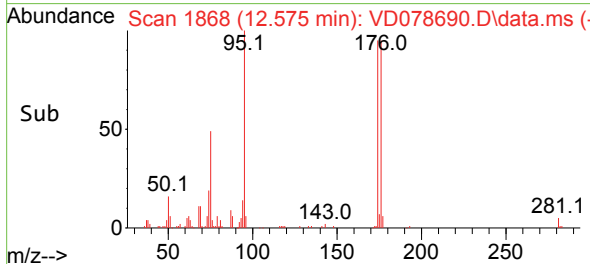
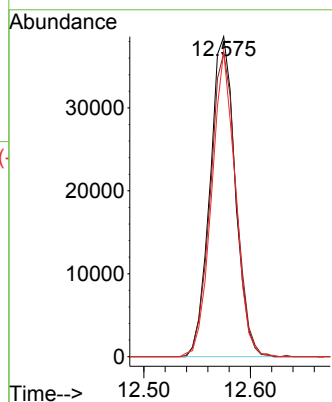
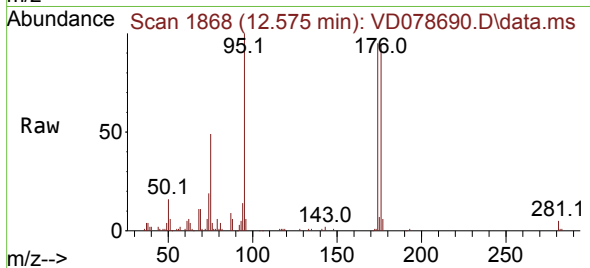




#62
4-Bromofluorobenzene
Concen: 45.901 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078690.D
Acq: 18 Mar 2024 11:58

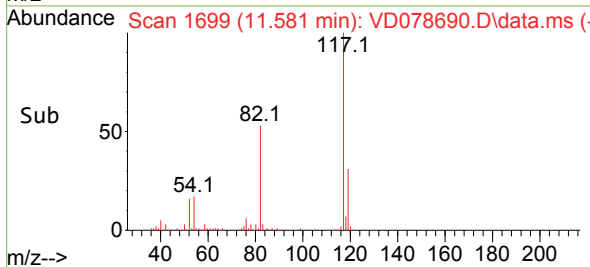
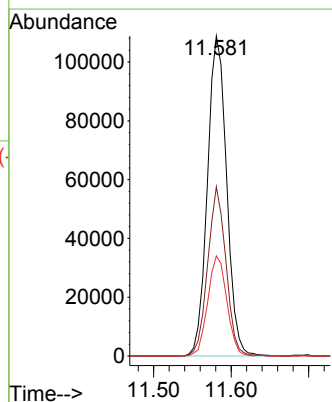
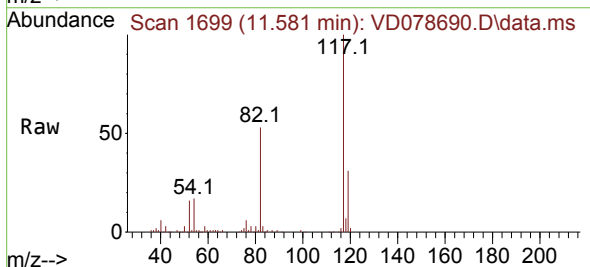
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL01

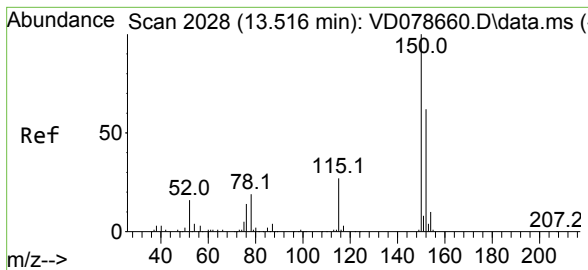
Tgt Ion: 95 Resp: 63263
Ion Ratio Lower Upper
95 100
174 96.9 0.0 195.2
176 89.9 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078690.D
Acq: 18 Mar 2024 11:58

Tgt Ion: 117 Resp: 187158
Ion Ratio Lower Upper
117 100
82 52.9 41.4 62.2
119 31.2 26.5 39.7

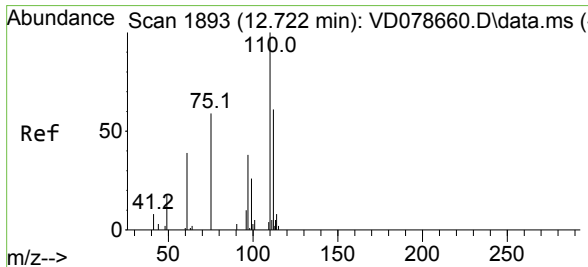
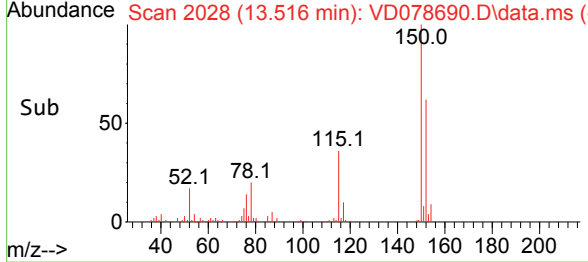
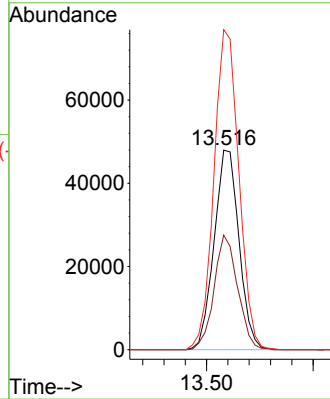
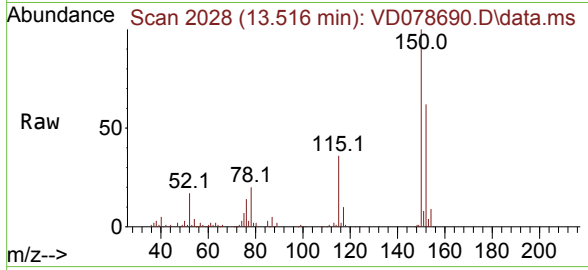




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD078690.D
 Acq: 18 Mar 2024 11:58

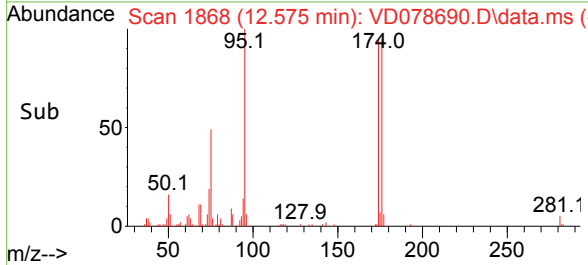
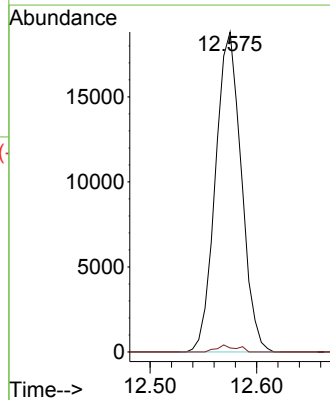
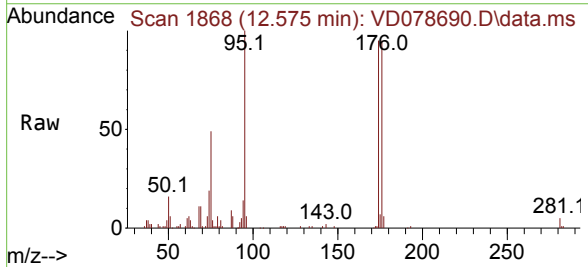
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBL01

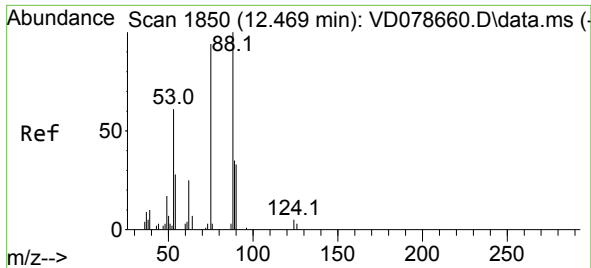
Tgt Ion:152 Resp: 77700
 Ion Ratio Lower Upper
 152 100
 115 54.5 27.1 81.2
 150 160.7 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 52.907 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078690.D
 Acq: 18 Mar 2024 11:58

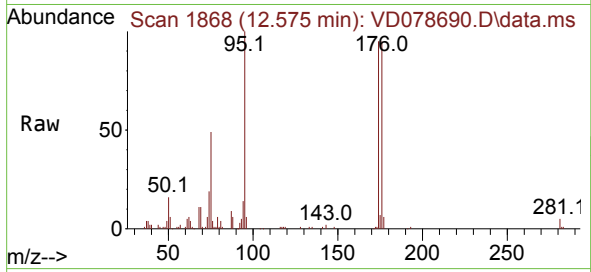
Tgt Ion: 75 Resp: 31672
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 110.902 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD078690.D
Acq: 18 Mar 2024 11:58

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL01



Tgt Ion:	75	Resp:	31672
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

