

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010224\
 Data File : VD078120.D
 Acq On : 02 Jan 2024 13:56
 Operator : RP/MD
 Sample : 06041-01
 Misc : 4.12G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 03 00:06:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

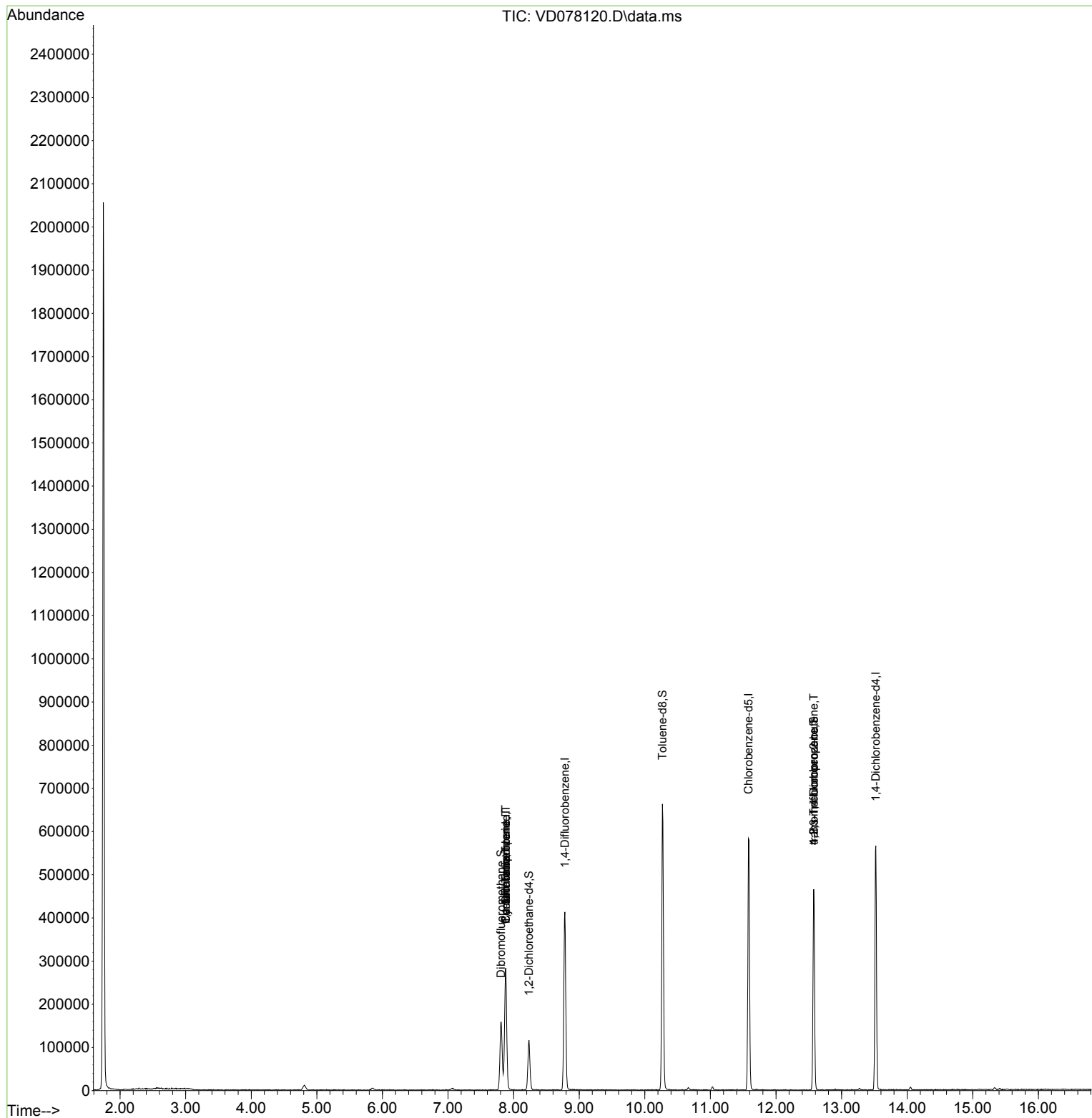
Internal Standards						
1) Pentafluorobenzene	7.881	168	228777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	390845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	363912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	163138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	84603	41.562	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.120%		
35) Dibromofluoromethane	7.810	113	115625	45.978	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.960%		
50) Toluene-d8	10.269	98	471584	53.293	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	106.580%		
62) 4-Bromofluorobenzene	12.575	95	136960	48.104	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.200%		
Target Compounds						
11) Tert butyl alcohol	5.046	59	128	Below Cal	#	73
16) Acetone	4.022	43	885	Below Cal	#	80
25) 2-Butanone	7.069	43	177	Below Cal	#	37
31) Cyclohexane	7.881	56	4328	1.333	ug/l #	16
36) 1,1-Dichloropropene	7.881	75	15753	4.452	ug/l #	47
38) Carbon Tetrachloride	7.881	117	21163	5.519	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	68439	49.725	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	68439	107.147	ug/l #	17

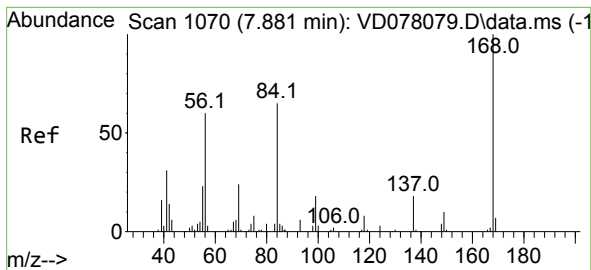
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 27 03:40:16 2023
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: VD078120.D

Acq: 02 Jan 2024 13:56

Instrument :

MSVOA_D

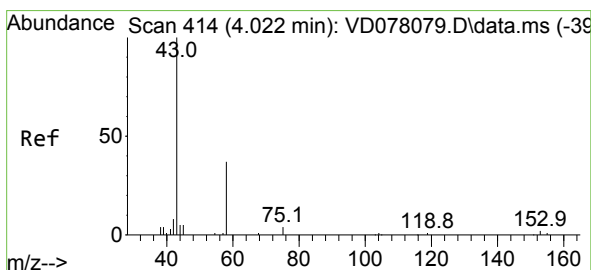
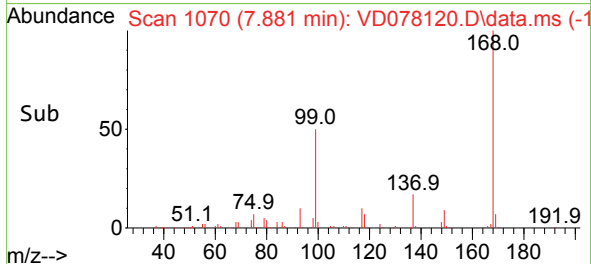
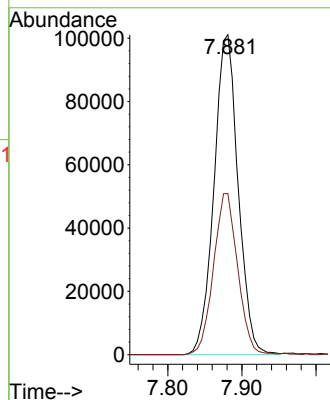
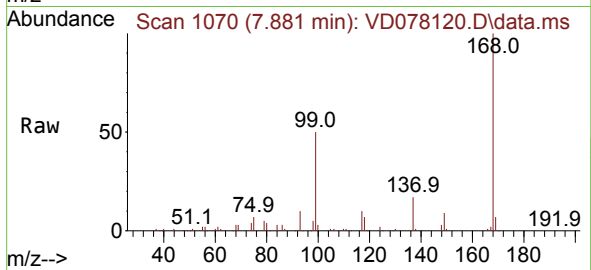
ClientSampleId :

Tgt Ion:168 Resp: 228777

Ion Ratio Lower Upper

168 100

99 50.4 36.7 55.1



#16

Acetone

Concen: Below Cal

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD078120.D

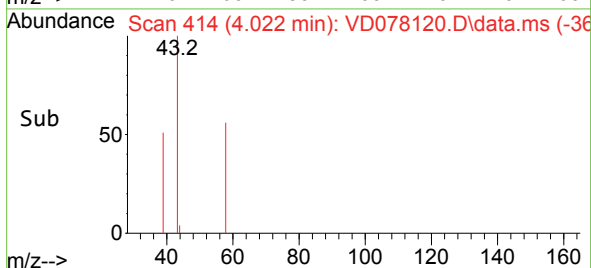
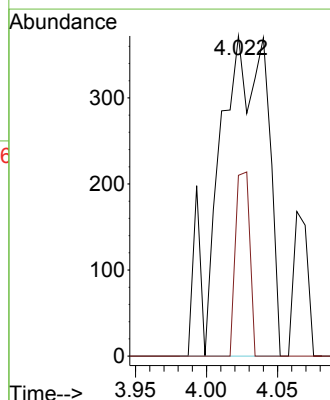
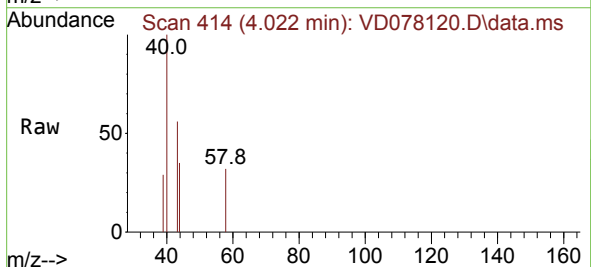
Acq: 02 Jan 2024 13:56

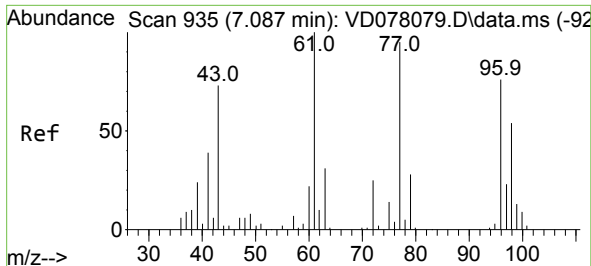
Tgt Ion: 43 Resp: 885

Ion Ratio Lower Upper

43 100

58 56.5 34.7 52.1#

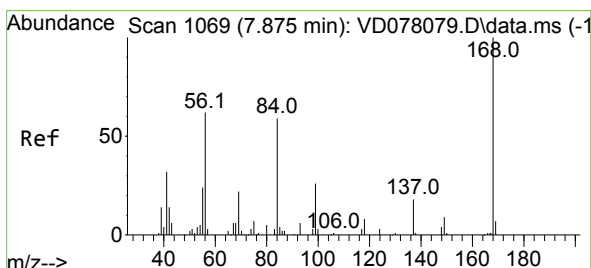
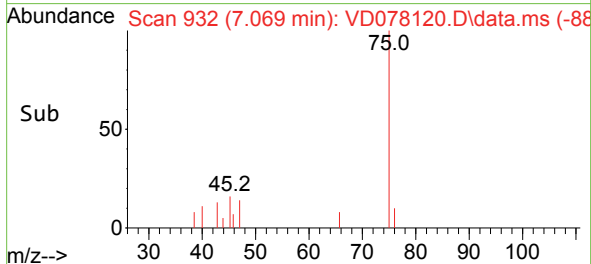
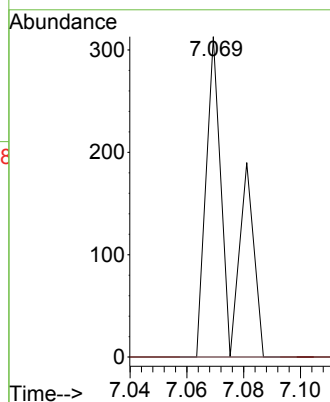
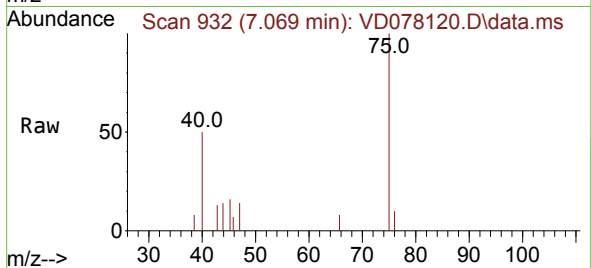




#25
2-Butanone
Concen: Below Cal
RT: 7.069 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD078120.D
Acq: 02 Jan 2024 13:56

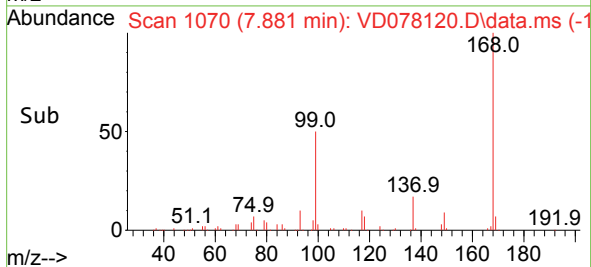
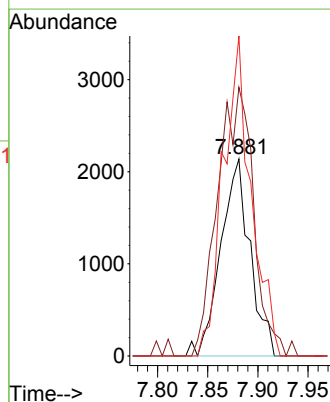
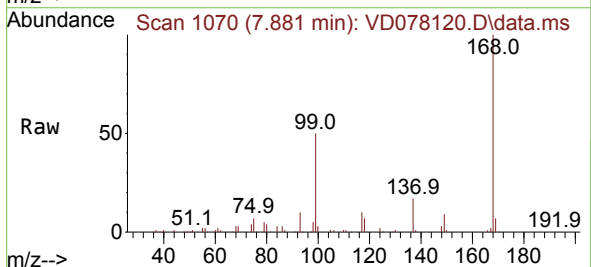
Instrument :
MSVOA_D
ClientSampleId :

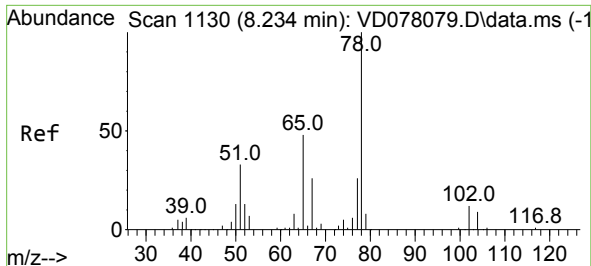
Tgt Ion: 43 Resp: 177
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.333 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078120.D
Acq: 02 Jan 2024 13:56

Tgt Ion: 56 Resp: 4328
Ion Ratio Lower Upper
56 100
69 136.4 28.6 43.0#
84 162.4 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 41.562 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078120.D

Acq: 02 Jan 2024 13:56

Instrument :

MSVOA_D

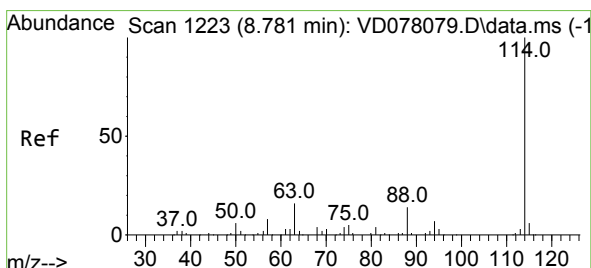
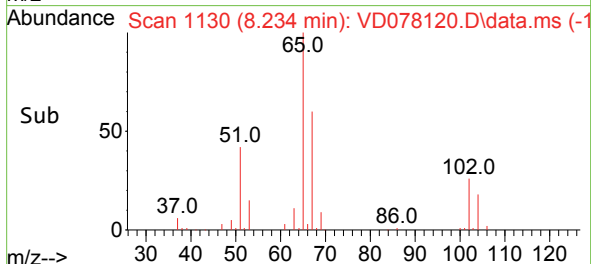
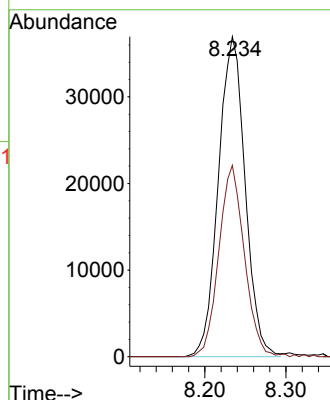
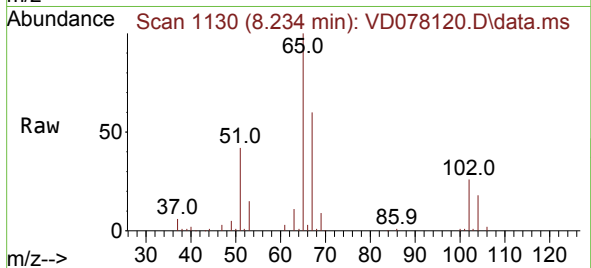
ClientSampleId :

Tgt Ion: 65 Resp: 84603

Ion Ratio Lower Upper

65 100

67 57.2 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: VD078120.D

Acq: 02 Jan 2024 13:56

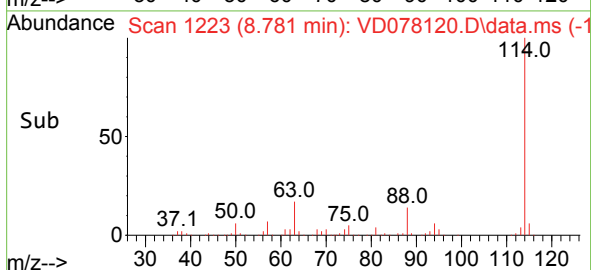
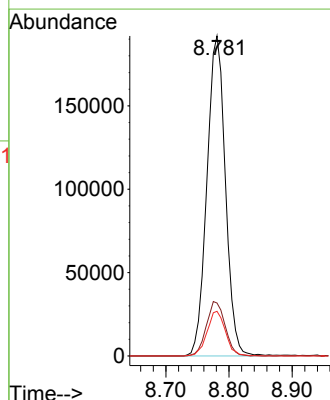
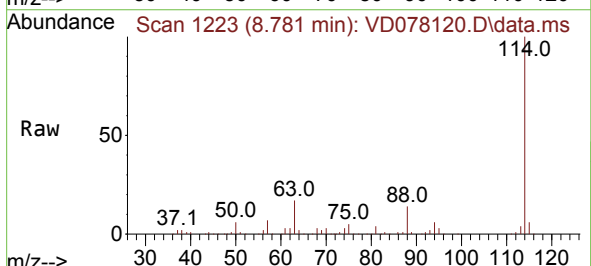
Tgt Ion: 114 Resp: 390845

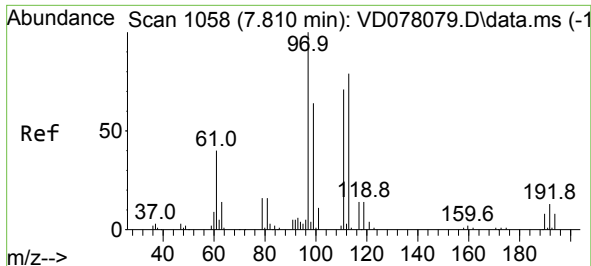
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

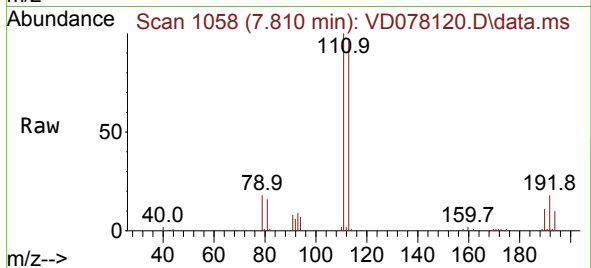
88 14.0 0.0 26.2



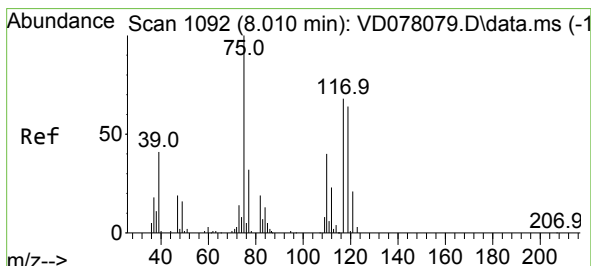
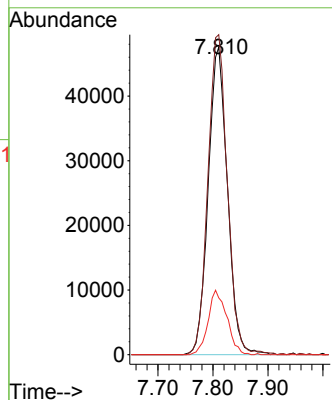
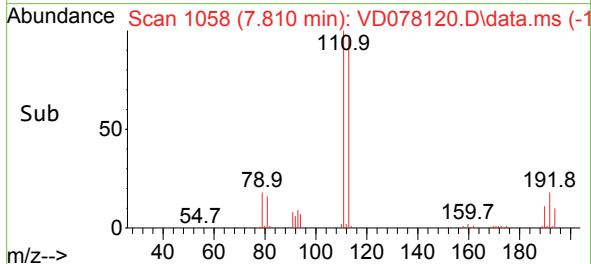


#35
Dibromofluoromethane
Concen: 45.978 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078120.D
Acq: 02 Jan 2024 13:56

Instrument :
MSVOA_D
ClientSampleId :

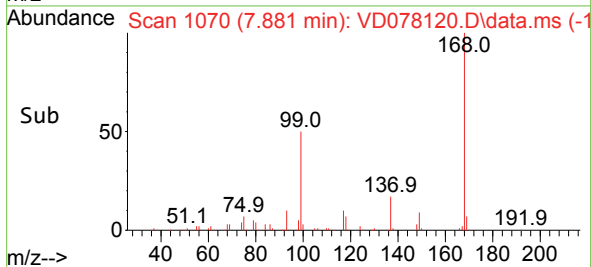
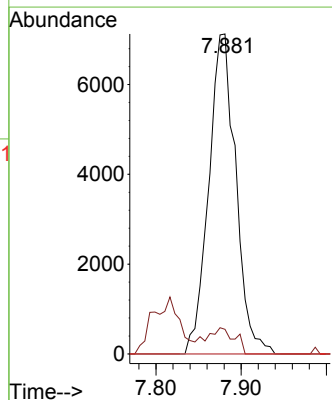
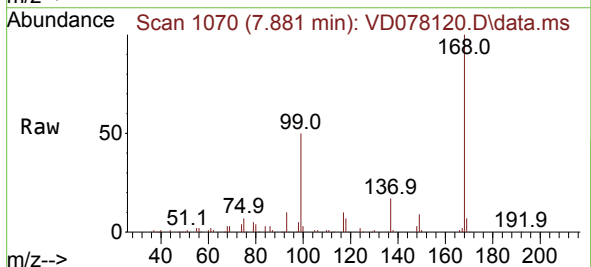


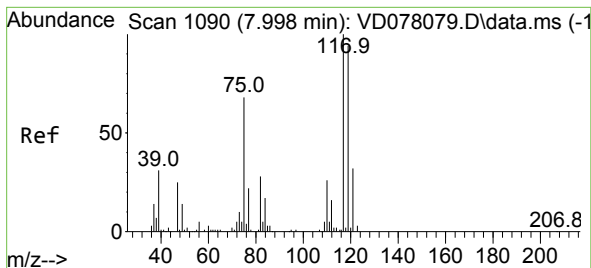
Tgt Ion:113 Resp: 115625
Ion Ratio Lower Upper
113 100
111 105.2 84.7 127.1
192 20.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.452 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD078120.D
Acq: 02 Jan 2024 13:56

Tgt Ion: 75 Resp: 15753
Ion Ratio Lower Upper
75 100
110 8.5 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.519 ug/l

RT: 7.881 min Scan# 10

Delta R.T. -0.117 min

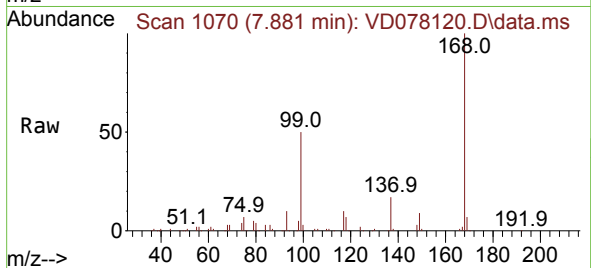
Lab File: VD078120.D

Acq: 02 Jan 2024 13:56

Instrument :

MSVOA_D

ClientSampleId :



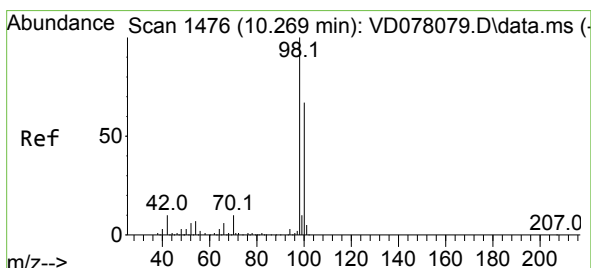
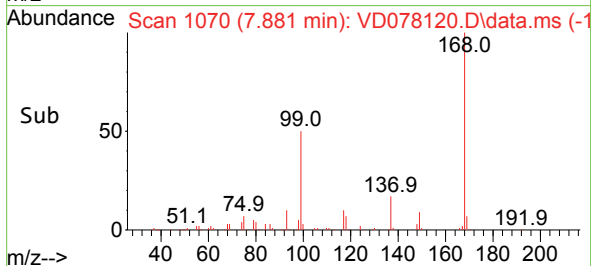
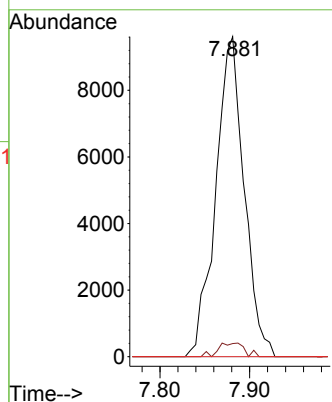
Tgt Ion:117 Resp: 21163

Ion Ratio Lower Upper

117 100

119 4.1 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 53.293 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078120.D

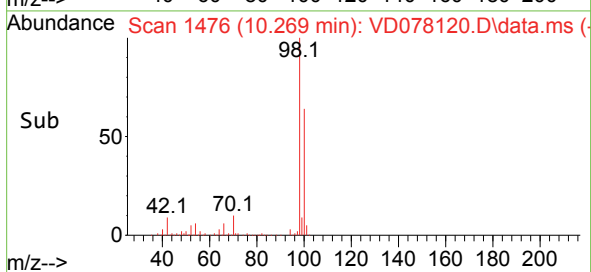
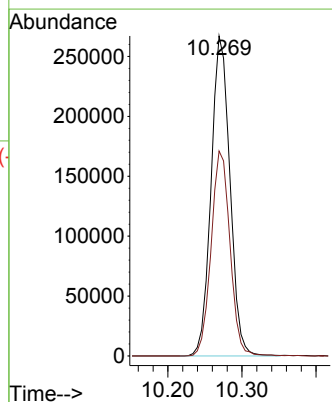
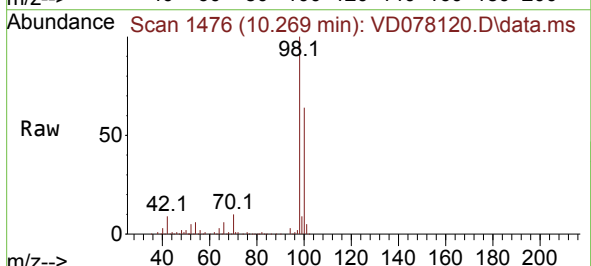
Acq: 02 Jan 2024 13:56

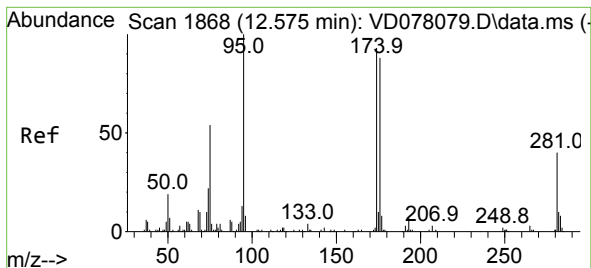
Tgt Ion: 98 Resp: 471584

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5

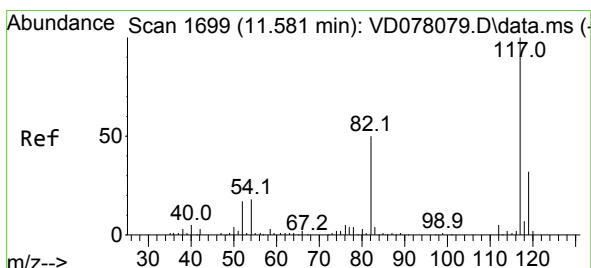
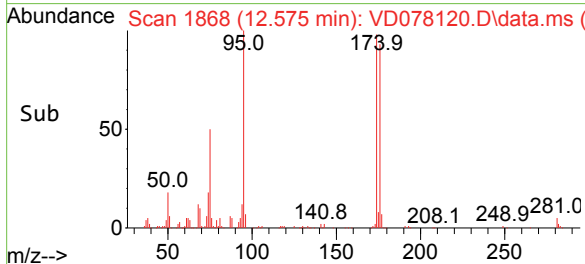
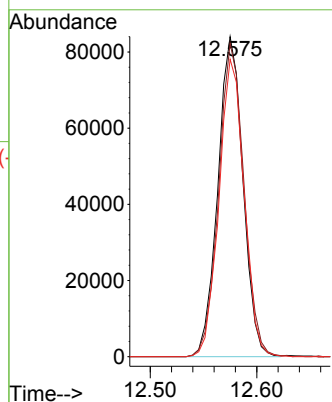
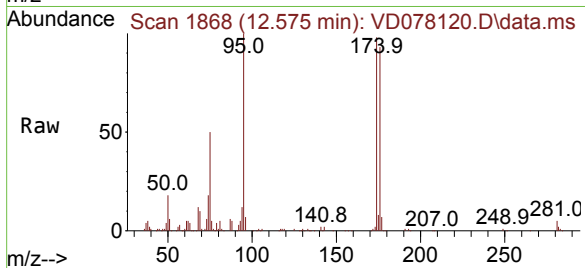




#62
4-Bromofluorobenzene
Concen: 48.104 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078120.D
Acq: 02 Jan 2024 13:56

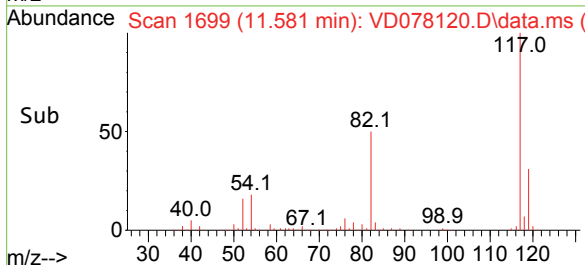
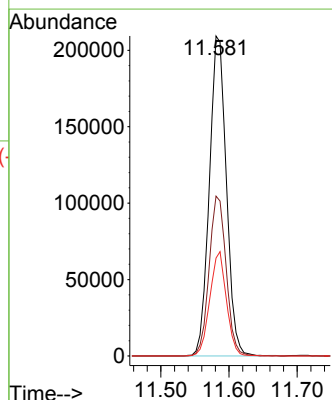
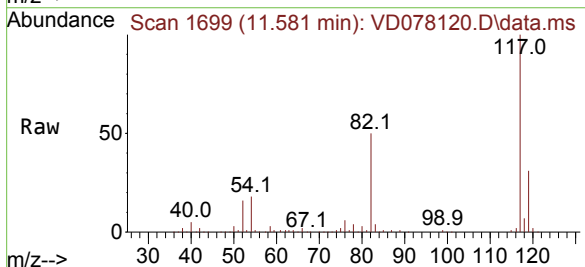
Instrument :
MSVOA_D
ClientSampleId :

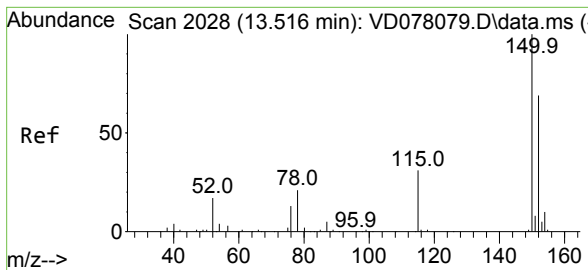
Tgt Ion: 95 Resp: 136960
Ion Ratio Lower Upper
95 100
174 98.6 0.0 201.8
176 93.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078120.D
Acq: 02 Jan 2024 13:56

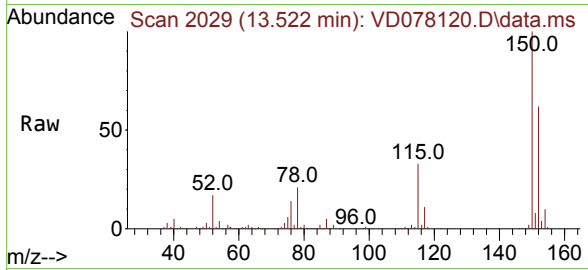
Tgt Ion: 117 Resp: 363912
Ion Ratio Lower Upper
117 100
82 50.0 38.3 57.5
119 30.6 25.0 37.4



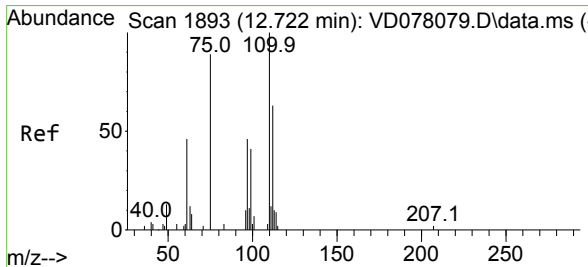
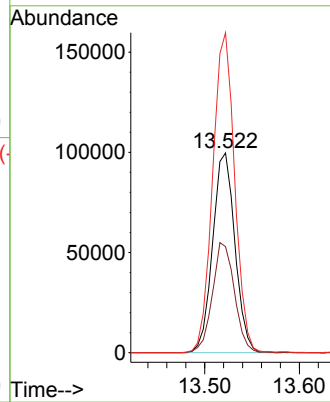
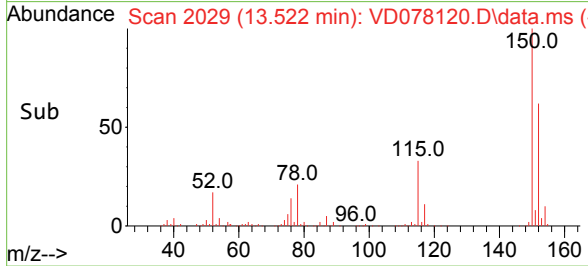


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD078120.D
 Acq: 02 Jan 2024 13:56

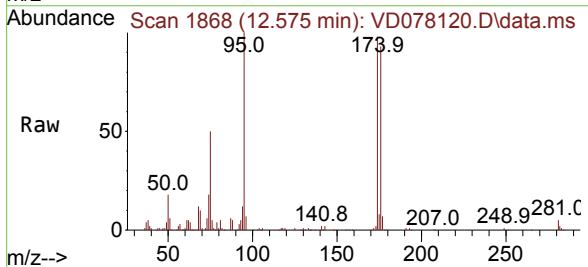
Instrument :
 MSVOA_D
 ClientSampleId :



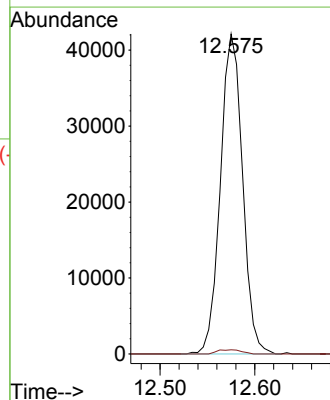
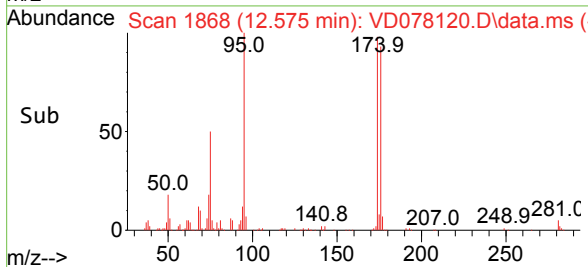
Tgt Ion:152 Resp: 163138
 Ion Ratio Lower Upper
 152 100
 115 54.5 27.1 81.3
 150 158.0 0.0 353.6

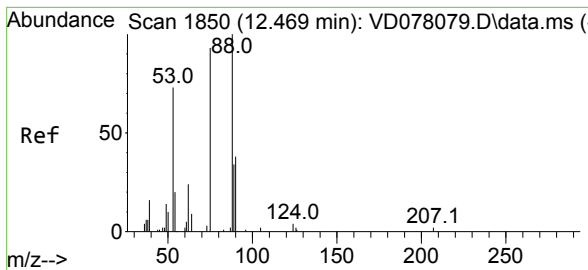


#76
 1,2,3-Trichloropropane
 Concen: 49.725 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078120.D
 Acq: 02 Jan 2024 13:56



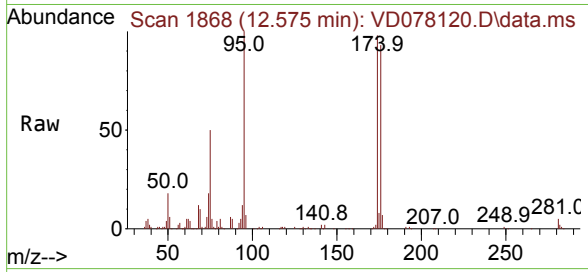
Tgt Ion: 75 Resp: 68439
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.147 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078120.D
 Acq: 02 Jan 2024 13:56

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	68439
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

