

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
 Data File : VD078746.D
 Acq On : 22 Mar 2024 16:43
 Operator : RP/MD
 Sample : P1842-03
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-03222024-B

Quant Time: Mar 22 23:21:58 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)

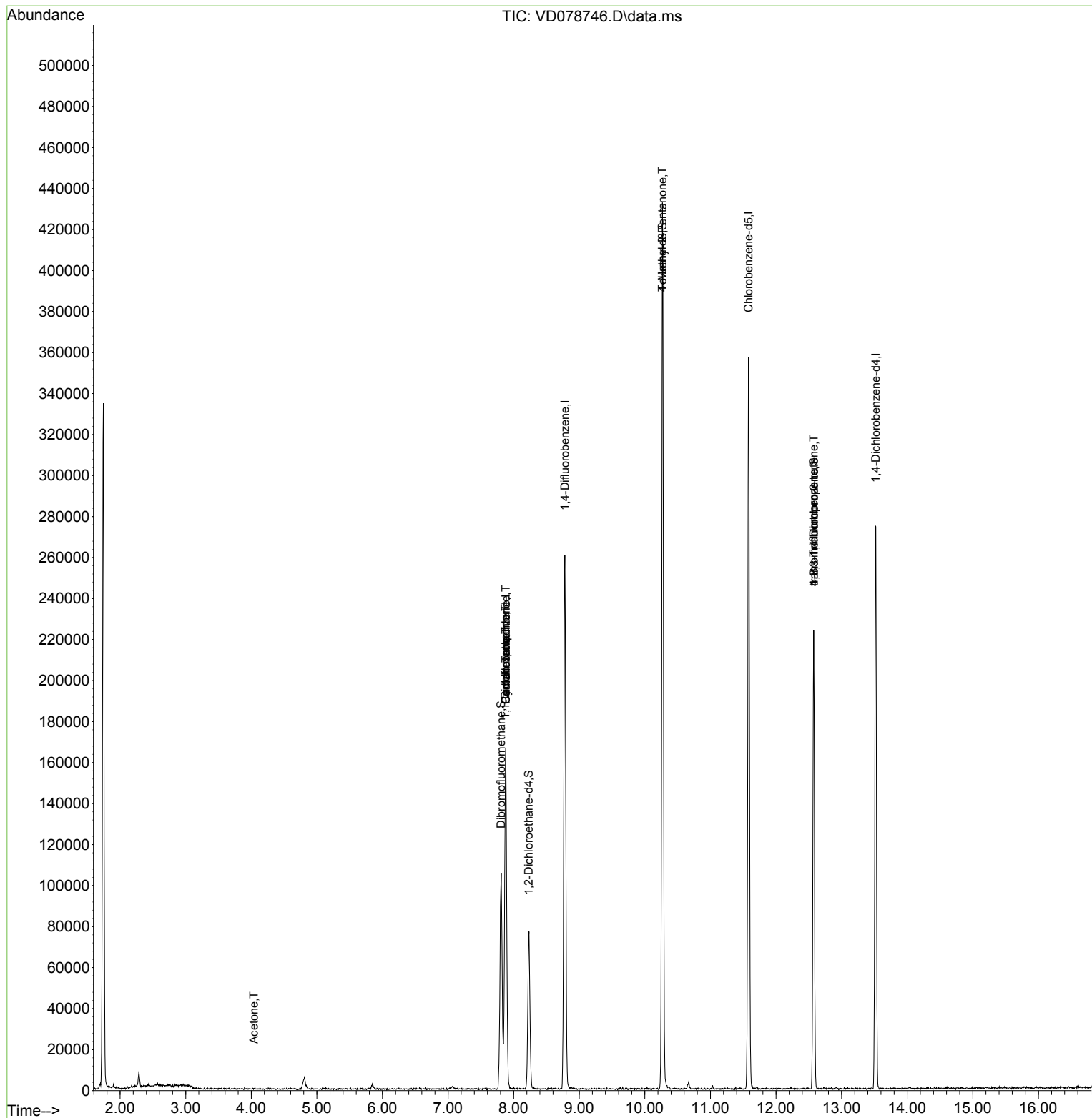
Internal Standards						
1) Pentafluorobenzene	7.881	168	128228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	245394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	214460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	77934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57342	47.717	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.440%
35) Dibromofluoromethane	7.810	113	73016	46.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.420%
50) Toluene-d8	10.269	98	299436	51.532	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.060%
62) 4-Bromofluorobenzene	12.575	95	65497	38.529	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.060%
Target Compounds						
					Qvalue	
16) Acetone	4.040	43	439	1.889	ug/l #	39
20) Methylene Chloride	4.799	84	4209	Below Cal		95
31) Cyclohexane	7.881	56	3258	1.613	ug/l #	9
36) 1,1-Dichloropropene	7.875	75	9320	4.066	ug/l #	45
38) Carbon Tetrachloride	7.881	117	12193	5.045	ug/l #	14
51) 4-Methyl-2-Pentanone	10.269	43	1298	1.823	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	35438	59.021	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	35438	123.717	ug/l #	19

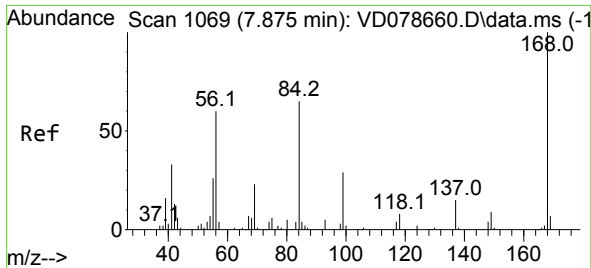
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

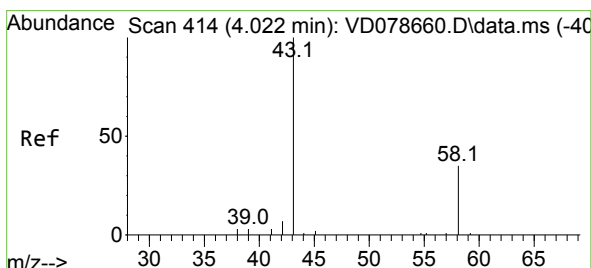
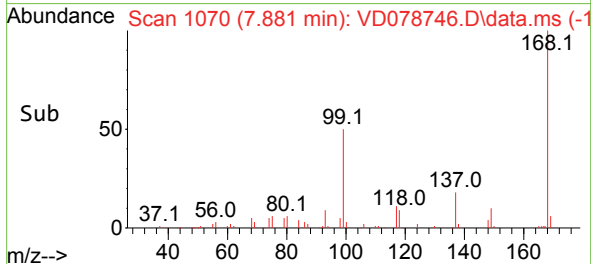
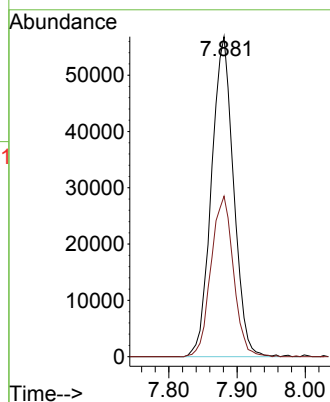
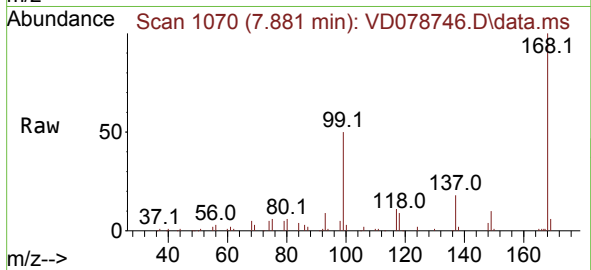




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078746.D
Acq: 22 Mar 2024 16:43

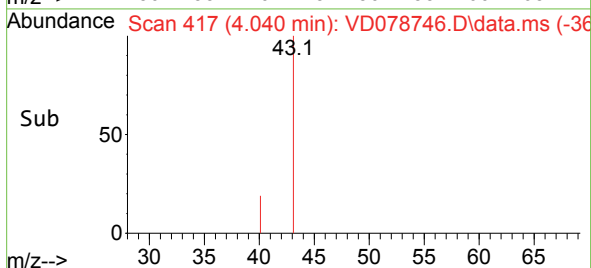
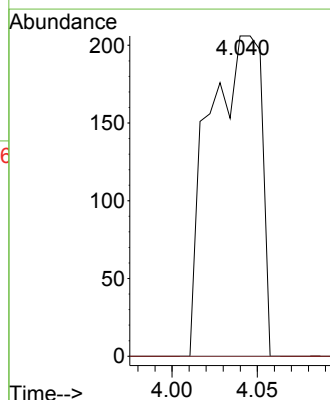
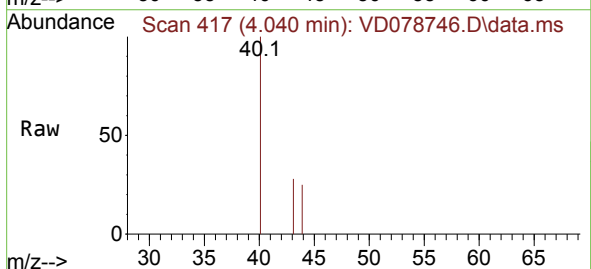
Instrument :
MSVOA_D
ClientSampleId :
EO-01-03222024-B

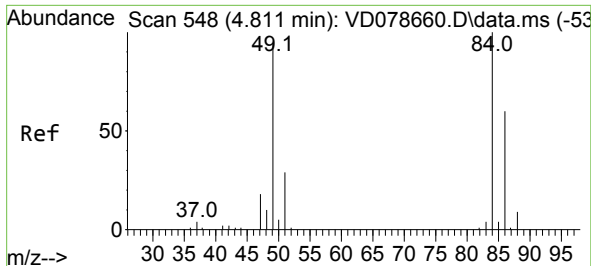
Tgt Ion:168 Resp: 128228
Ion Ratio Lower Upper
168 100
99 50.2 38.8 58.2



#16
Acetone
Concen: 1.889 ug/l
RT: 4.040 min Scan# 417
Delta R.T. 0.017 min
Lab File: VD078746.D
Acq: 22 Mar 2024 16:43

Tgt Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#



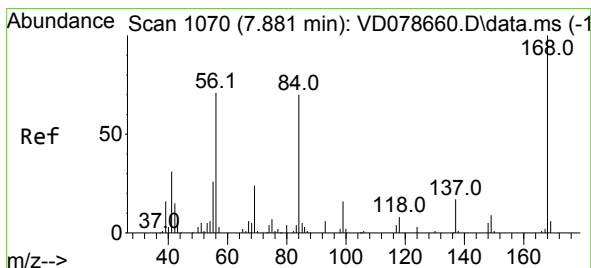
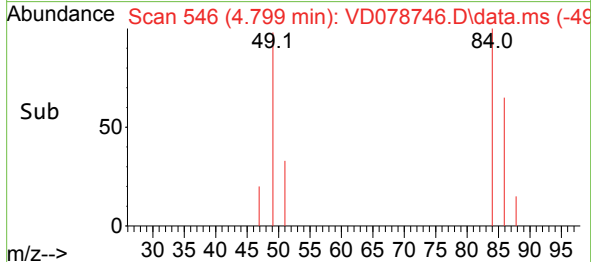
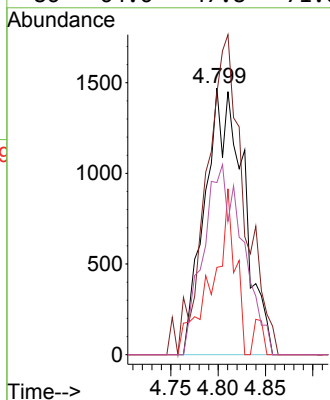
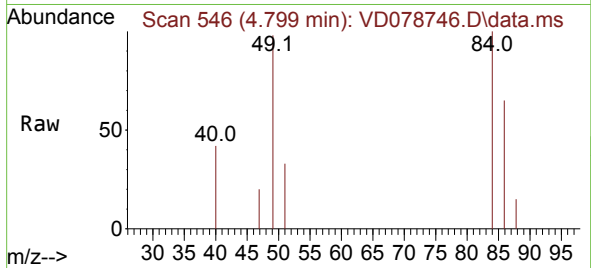


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.012 min
Lab File: VD078746.D
Acq: 22 Mar 2024 16:43

Instrument :
MSVOA_D
ClientSampleId :
EO-01-03222024-B

Tgt Ion: 84 Resp: 4209

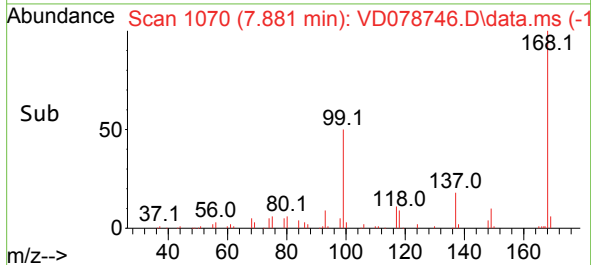
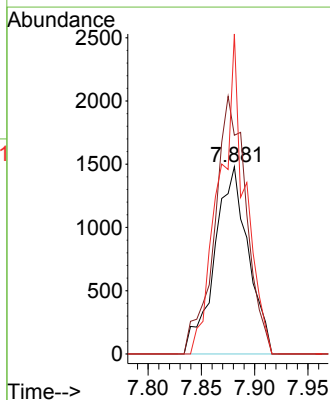
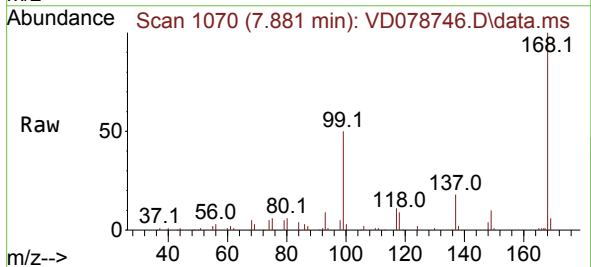
Ion	Ratio	Lower	Upper
84	100		
49	98.2	75.6	113.4
51	32.8	23.4	35.0
86	64.6	47.8	71.6

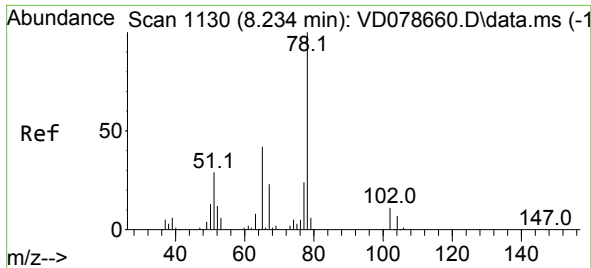


#31
Cyclohexane
Concen: 1.613 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078746.D
Acq: 22 Mar 2024 16:43

Tgt Ion: 56 Resp: 3258

Ion	Ratio	Lower	Upper
56	100		
69	116.8	26.6	40.0#
84	170.9	79.4	119.2#





#33

1,2-Dichloroethane-d4

Concen: 47.717 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078746.D

Acq: 22 Mar 2024 16:43

Instrument :

MSVOA_D

ClientSampleId :

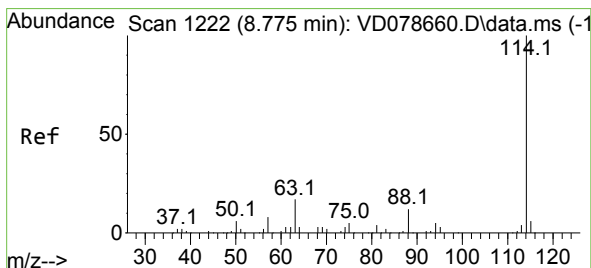
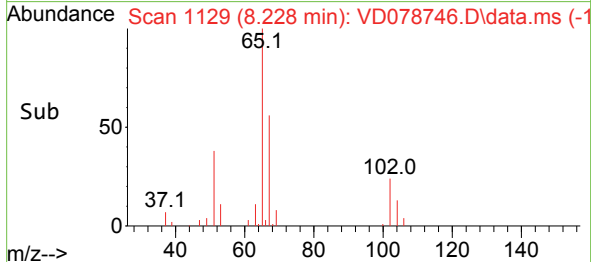
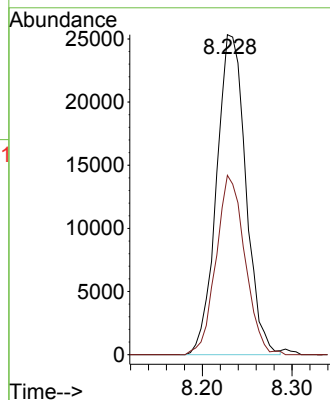
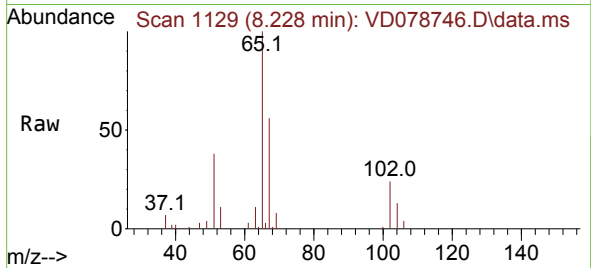
EO-01-03222024-B

Tgt Ion: 65 Resp: 57342

Ion Ratio Lower Upper

65 100

67 55.4 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078746.D

Acq: 22 Mar 2024 16:43

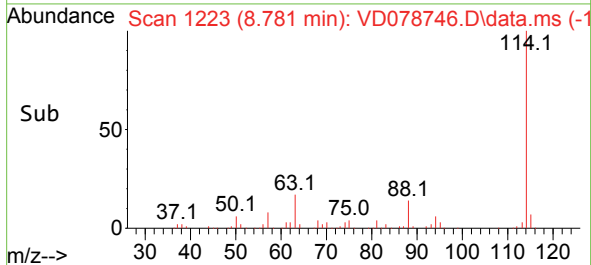
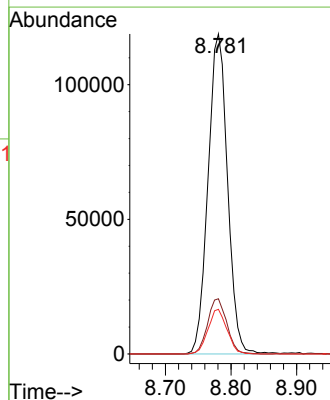
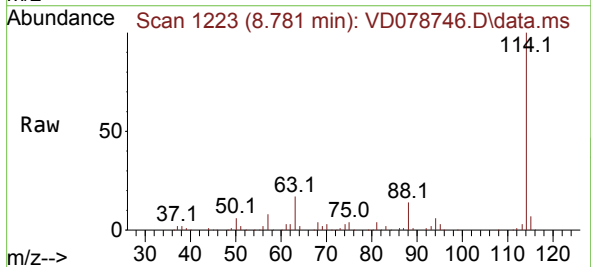
Tgt Ion: 114 Resp: 245394

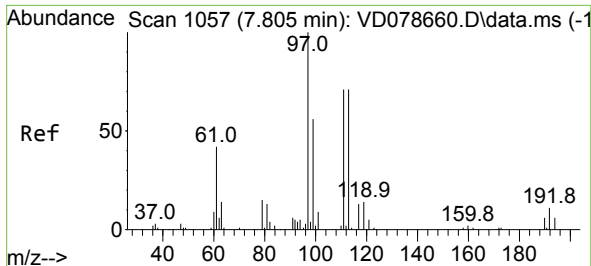
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

88 13.9 0.0 24.6

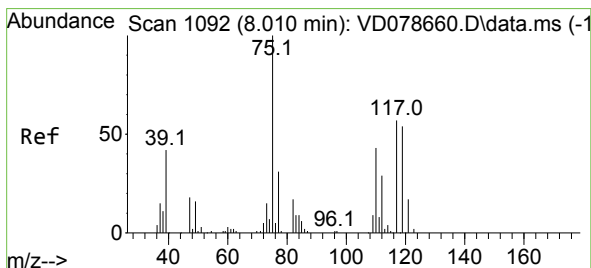
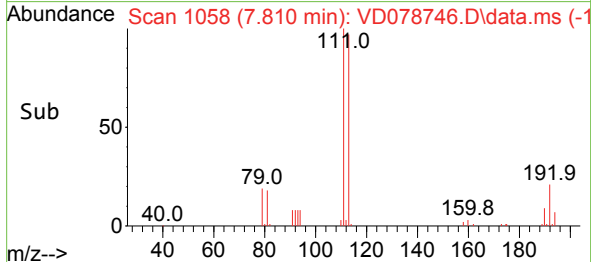
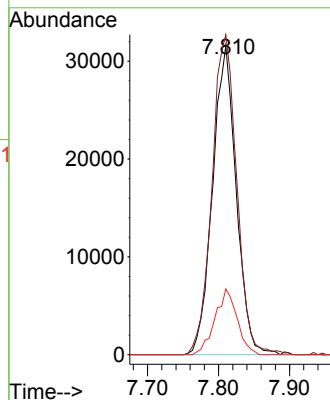
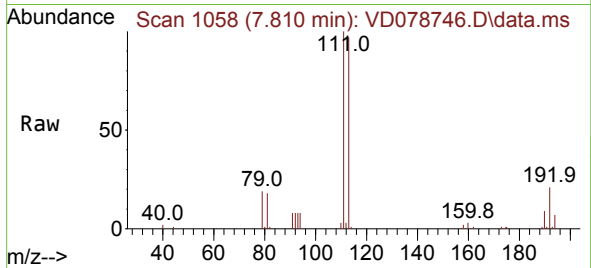




#35
Dibromofluoromethane
Concen: 46.214 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078746.D
Acq: 22 Mar 2024 16:43

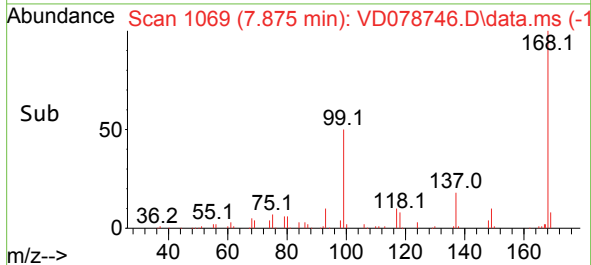
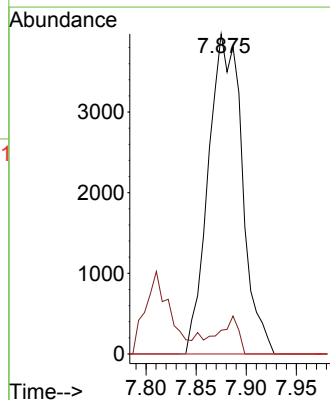
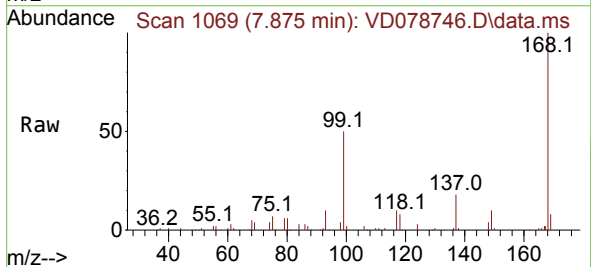
Instrument :
MSVOA_D
ClientSampleId :
EO-01-03222024-B

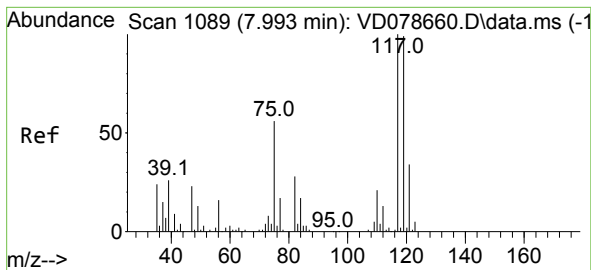
Tgt Ion:113 Resp: 73016
Ion Ratio Lower Upper
113 100
111 108.1 81.9 122.9
192 19.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.066 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078746.D
Acq: 22 Mar 2024 16:43

Tgt Ion: 75 Resp: 9320
Ion Ratio Lower Upper
75 100
110 6.0 19.1 57.1#
77 0.0 25.4 38.2#





#38

Carbon Tetrachloride

Concen: 5.045 ug/l

RT: 7.881 min Scan# 10

Delta R.T. -0.112 min

Lab File: VD078746.D

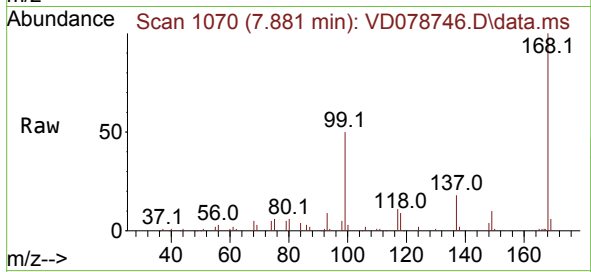
Acq: 22 Mar 2024 16:43

Instrument :

MSVOA_D

ClientSampleId :

EO-01-03222024-B



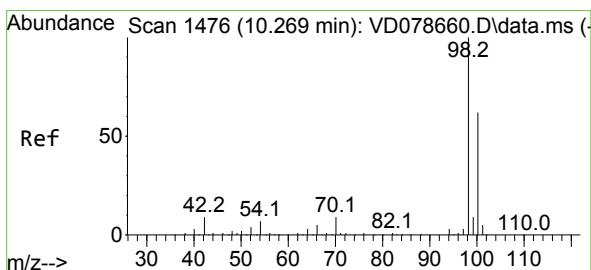
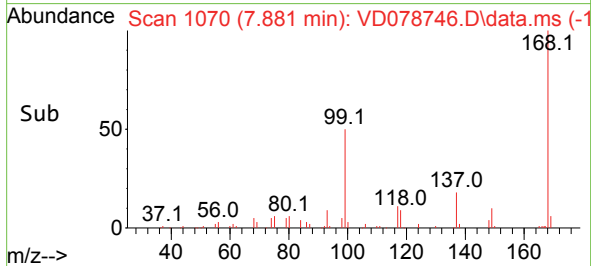
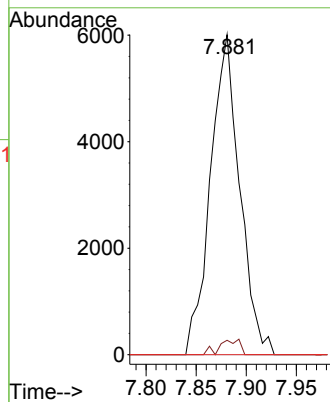
Tgt Ion:117 Resp: 12193

Ion Ratio Lower Upper

117 100

119 4.5 79.2 118.8#

121 0.0 26.8 40.2#



#50

Toluene-d8

Concen: 51.532 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078746.D

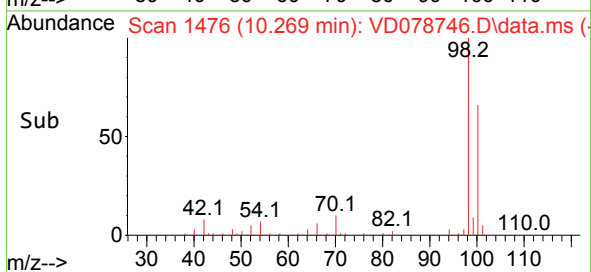
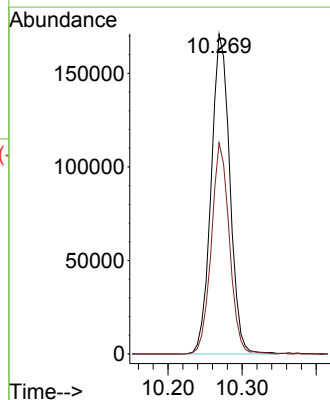
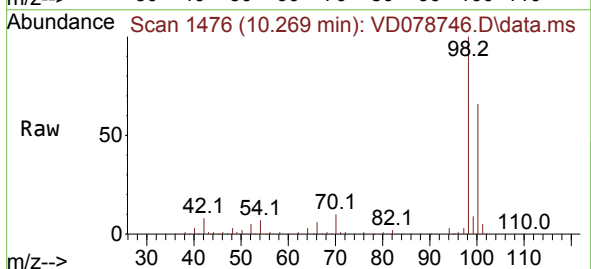
Acq: 22 Mar 2024 16:43

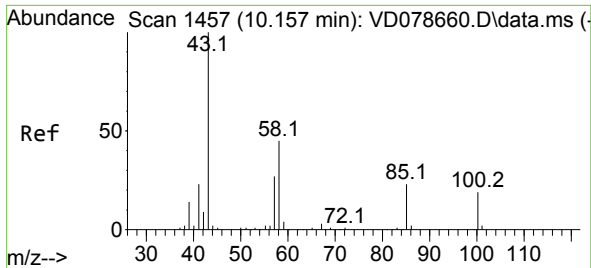
Tgt Ion: 98 Resp: 299436

Ion Ratio Lower Upper

98 100

100 63.8 50.5 75.7

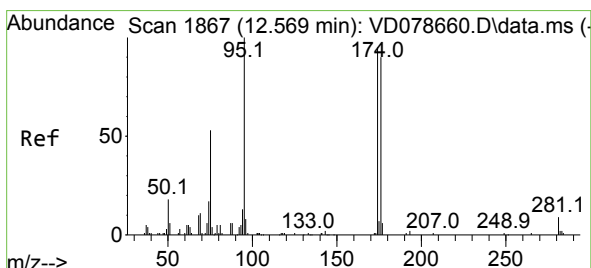
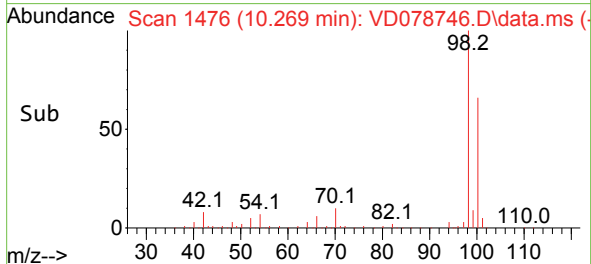
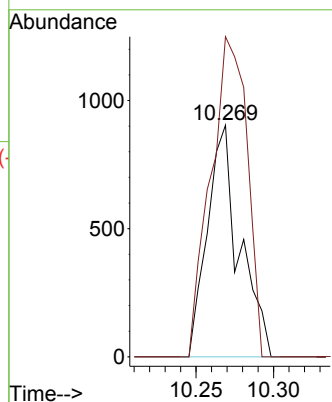
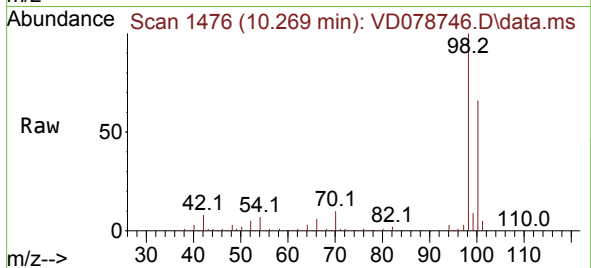




#51
4-Methyl-2-Pentanone
Concen: 1.823 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD078746.D
Acq: 22 Mar 2024 16:43

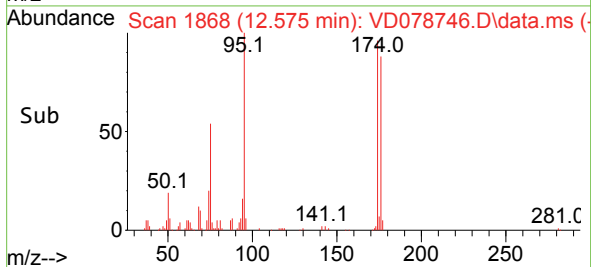
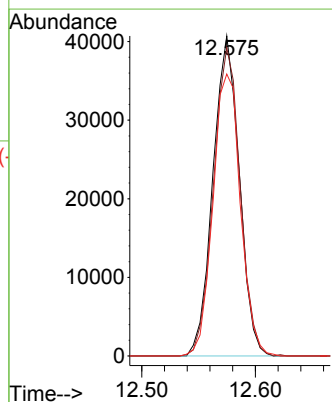
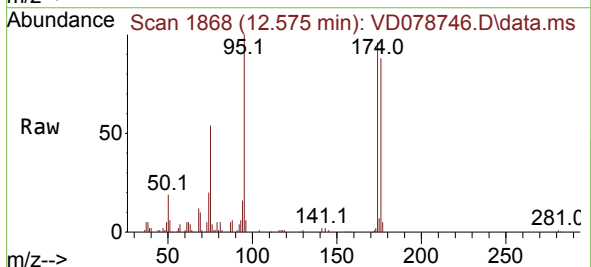
Instrument :
MSVOA_D
ClientSampleId :
EO-01-03222024-B

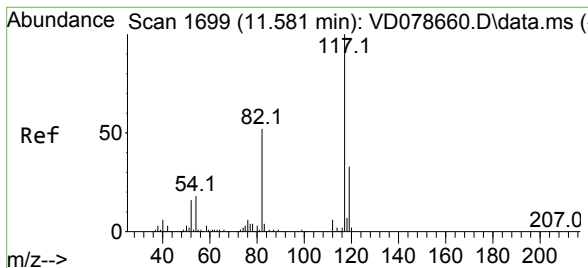
Tgt Ion: 43 Resp: 1298
Ion Ratio Lower Upper
43 100
58 157.2 36.4 54.6#



#62
4-Bromofluorobenzene
Concen: 38.529 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078746.D
Acq: 22 Mar 2024 16:43

Tgt Ion: 95 Resp: 65497
Ion Ratio Lower Upper
95 100
174 97.6 0.0 195.2
176 92.3 0.0 188.2

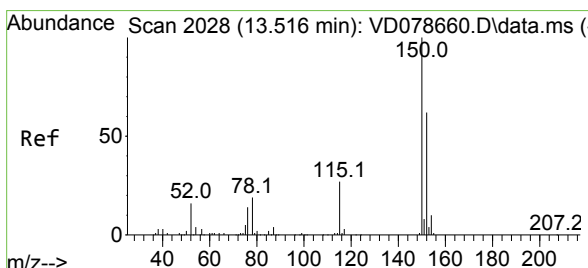
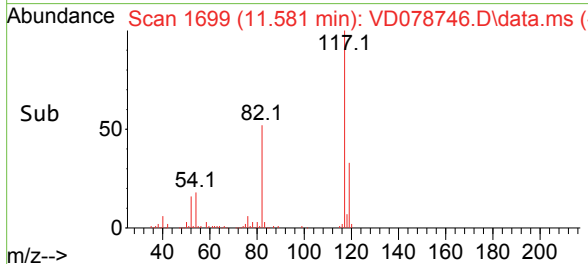
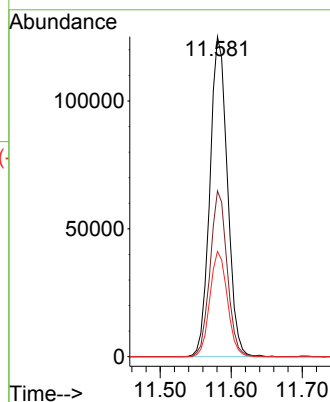
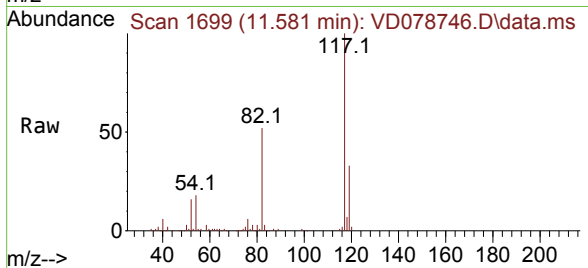




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078746.D
Acq: 22 Mar 2024 16:43

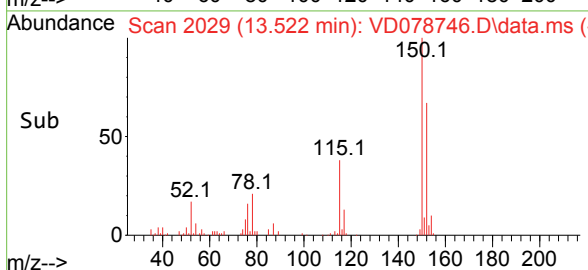
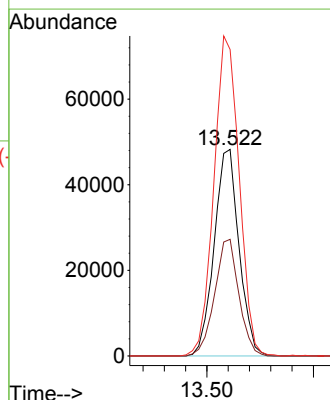
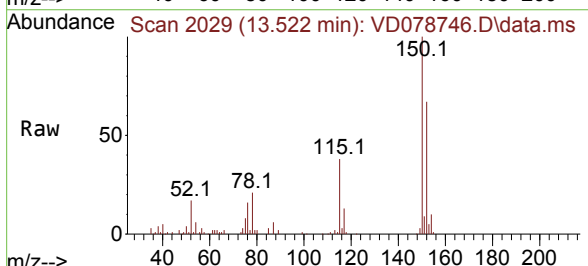
Instrument :
MSVOA_D
ClientSampleId :
EO-01-03222024-B

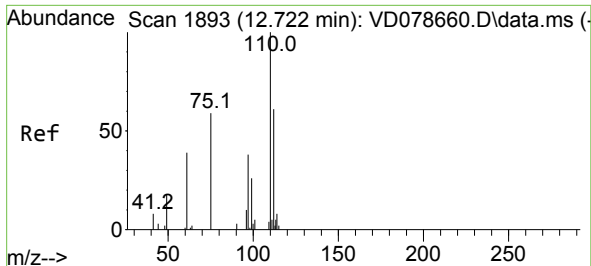
Tgt Ion:117 Resp: 214460
Ion Ratio Lower Upper
117 100
82 51.8 41.4 62.2
119 32.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078746.D
Acq: 22 Mar 2024 16:43

Tgt Ion:152 Resp: 77934
Ion Ratio Lower Upper
152 100
115 55.3 27.1 81.2
150 157.7 0.0 350.2

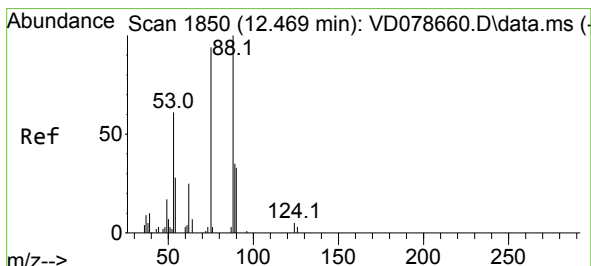
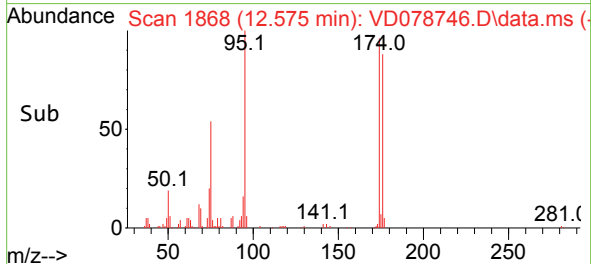
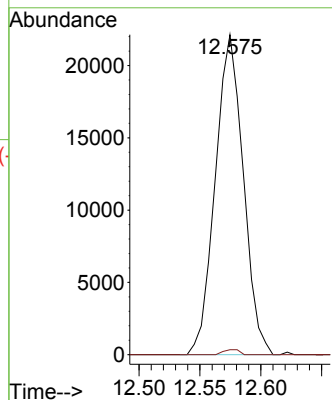
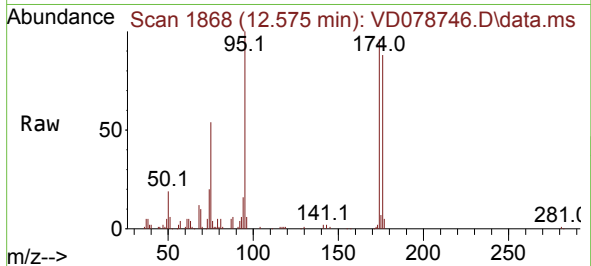




#76
1,2,3-Trichloropropane
Concen: 59.021 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078746.D
Acq: 22 Mar 2024 16:43

Instrument :
MSVOA_D
ClientSampleId :
EO-01-03222024-B

Tgt Ion: 75 Resp: 35438
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.717 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078746.D
Acq: 22 Mar 2024 16:43

Tgt Ion: 75 Resp: 35438
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.0 35.4 53.0#

