

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
 Data File : VD078745.D
 Acq On : 22 Mar 2024 16:16
 Operator : RP/MD
 Sample : P1842-01
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 22 23:21:38 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)

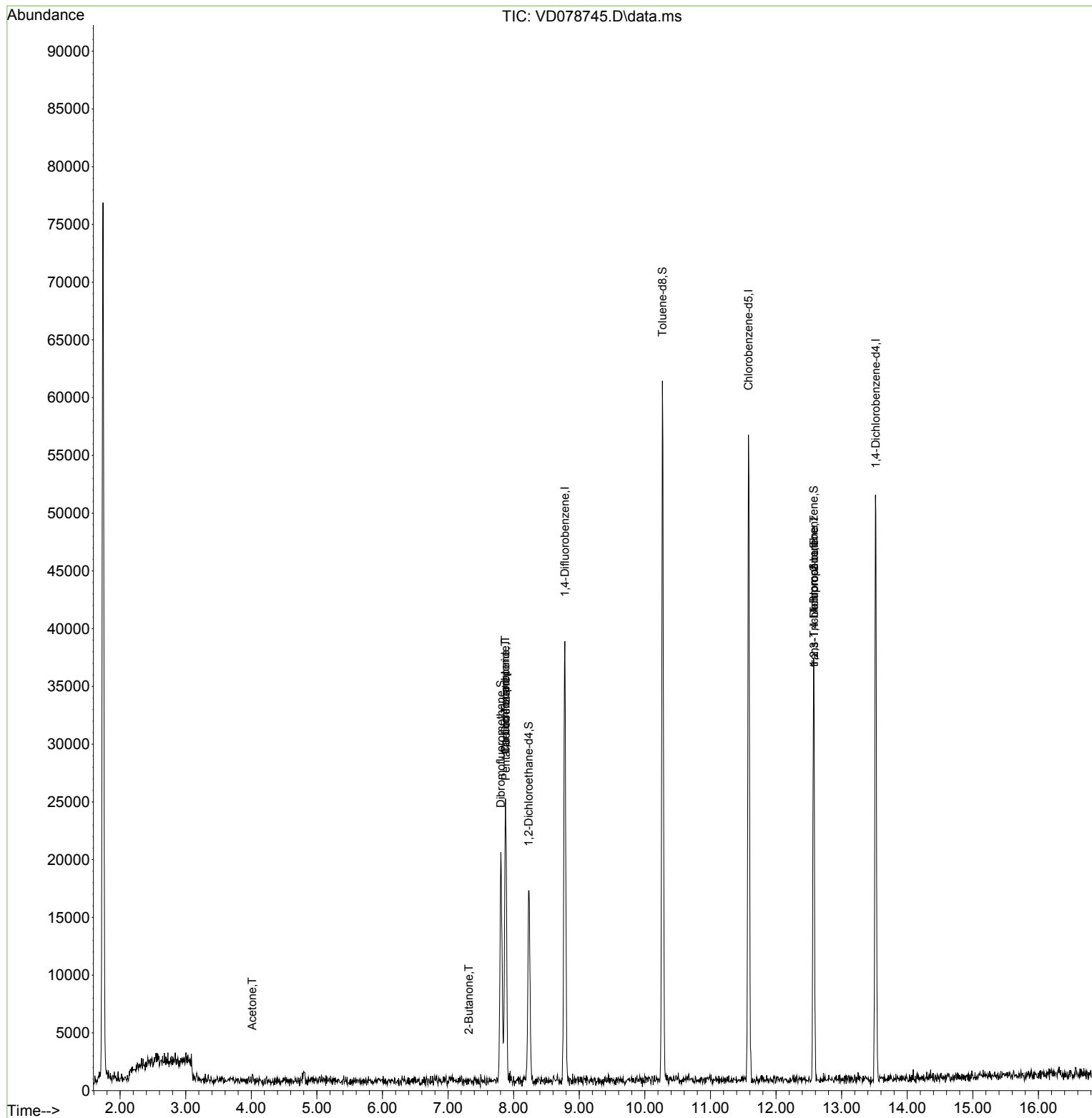
Internal Standards						
1) Pentafluorobenzene	7.881	168	19301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	34980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	34801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	14375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	13144	72.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.340%	
35) Dibromofluoromethane	7.804	113	14408	63.974	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.940%	
50) Toluene-d8	10.269	98	41898	50.584	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.160%	
62) 4-Bromofluorobenzene	12.574	95	10845	44.755	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.520%	
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	242	6.919	ug/l #	39
20) Methylene Chloride	4.810	84	295	Below Cal	#	27
25) 2-Butanone	7.316	43	55	1.183	ug/l #	43
36) 1,1-Dichloropropene	7.875	75	1629	4.985	ug/l #	40
38) Carbon Tetrachloride	7.875	117	2258	6.554	ug/l #	11
76) 1,2,3-Trichloropropane	12.580	75	5468	49.372	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.580	75	5468	103.492	ug/l #	19

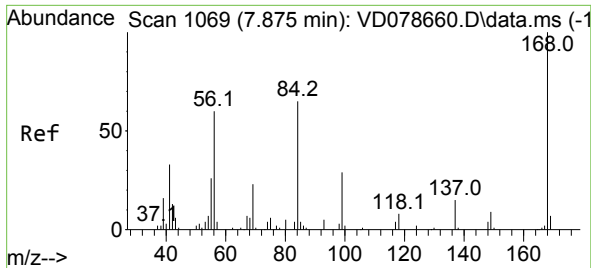
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD078745.D
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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
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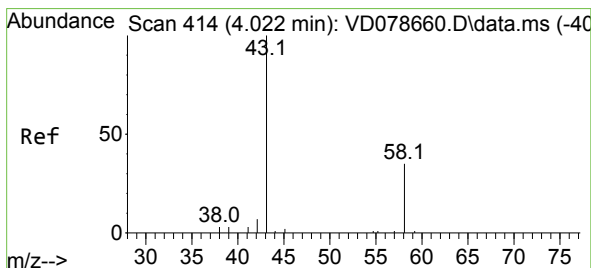
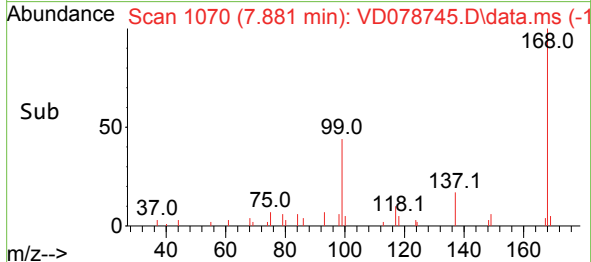
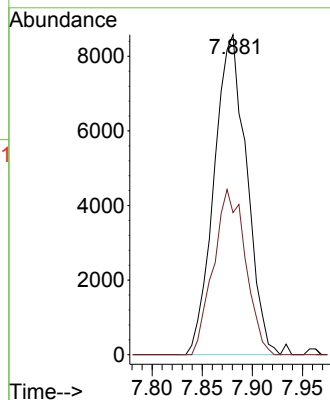
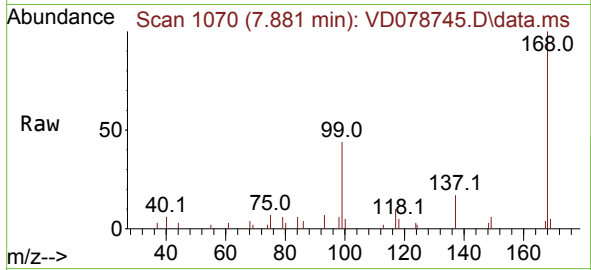




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078745.D
Acq: 22 Mar 2024 16:16

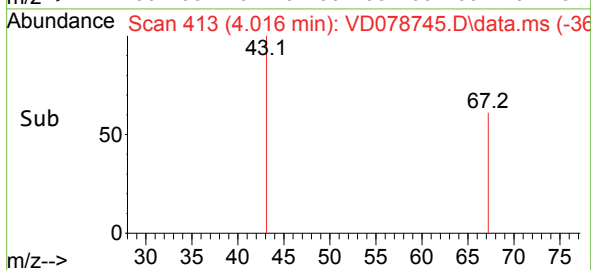
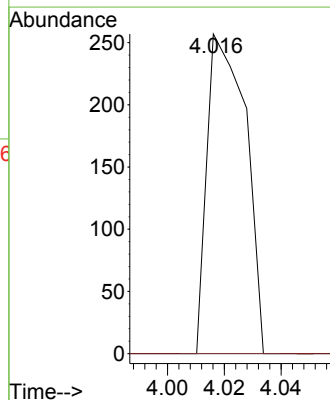
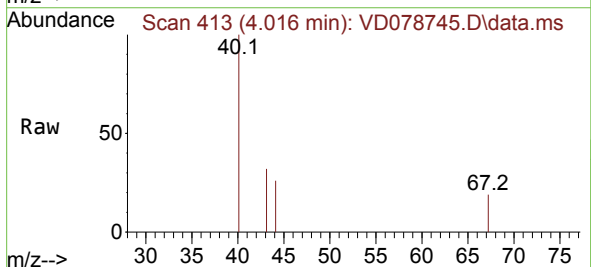
Instrument :
MSVOA_D
ClientSampleId :
EO-01-03222024-A

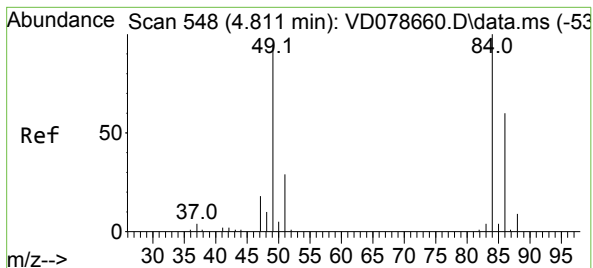
Tgt Ion:168 Resp: 19301
Ion Ratio Lower Upper
168 100
99 44.4 38.8 58.2



#16
Acetone
Concen: 6.919 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD078745.D
Acq: 22 Mar 2024 16:16

Tgt Ion: 43 Resp: 242
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.810 min Scan# 54

Delta R.T. -0.001 min

Lab File: VD078745.D

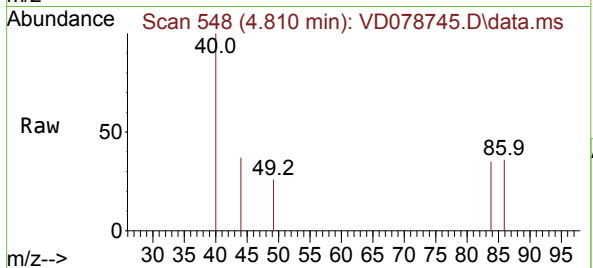
Acq: 22 Mar 2024 16:16

Instrument :

MSVOA_D

ClientSampleId :

EO-01-03222024-A



Tgt Ion: 84 Resp: 295

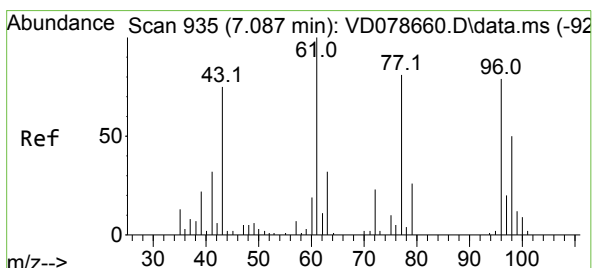
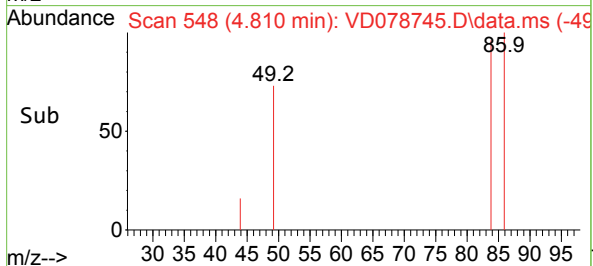
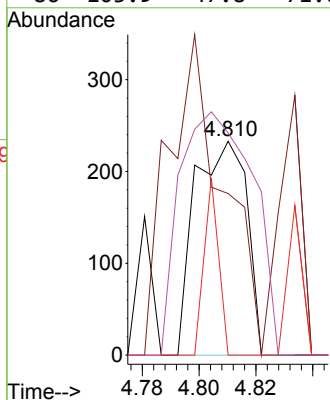
Ion Ratio Lower Upper

84 100

49 9.0 75.6 113.4#

51 0.0 23.4 35.0#

86 103.9 47.8 71.6#



#25

2-Butanone

Concen: 1.183 ug/l

RT: 7.316 min Scan# 974

Delta R.T. 0.229 min

Lab File: VD078745.D

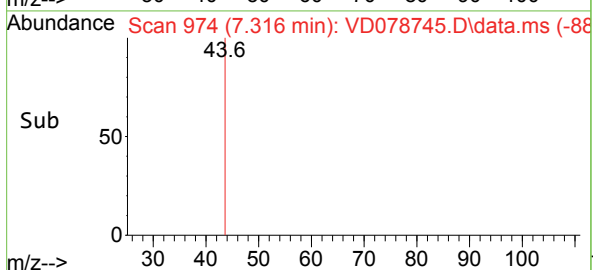
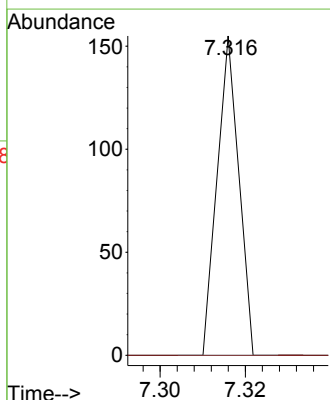
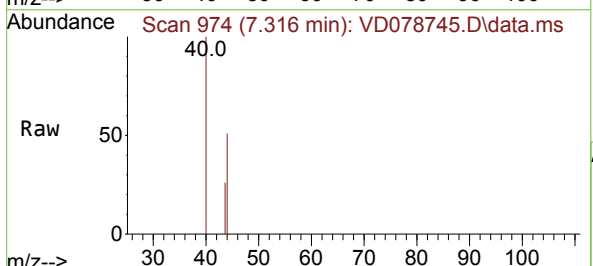
Acq: 22 Mar 2024 16:16

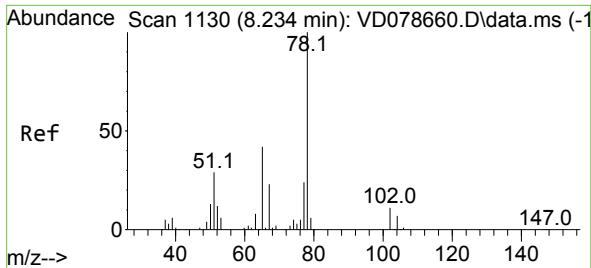
Tgt Ion: 43 Resp: 55

Ion Ratio Lower Upper

43 100

72 0.0 25.0 37.6#





#33

1,2-Dichloroethane-d4

Concen: 72.666 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078745.D

Acq: 22 Mar 2024 16:16

Instrument :

MSVOA_D

ClientSampleId :

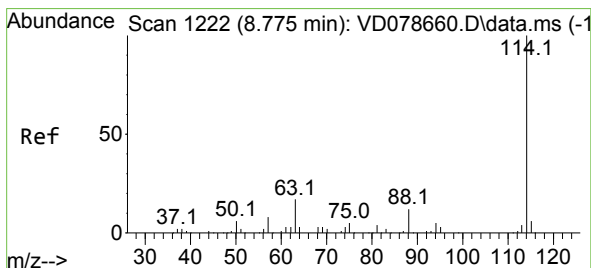
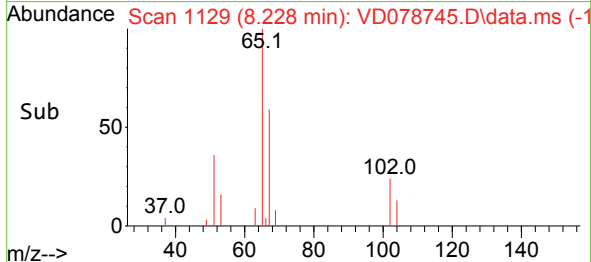
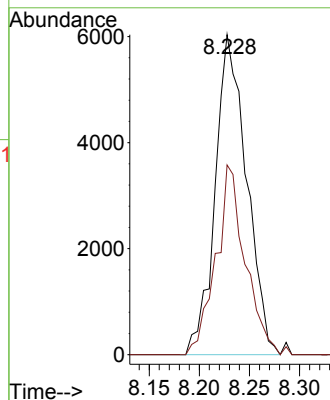
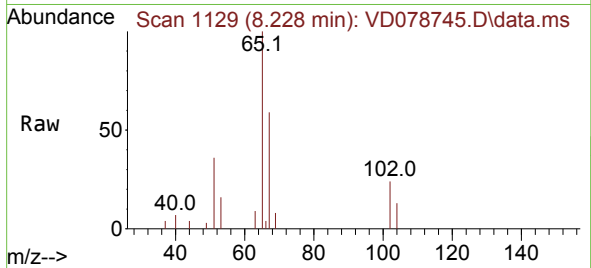
EO-01-03222024-A

Tgt Ion: 65 Resp: 13144

Ion Ratio Lower Upper

65 100

67 55.5 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.005 min

Lab File: VD078745.D

Acq: 22 Mar 2024 16:16

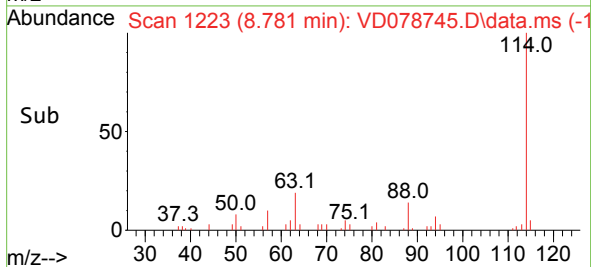
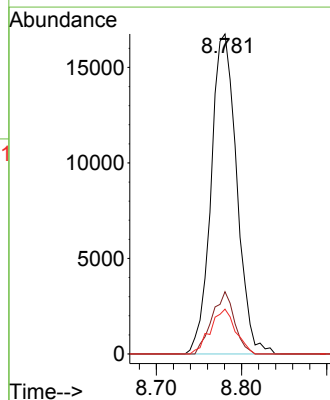
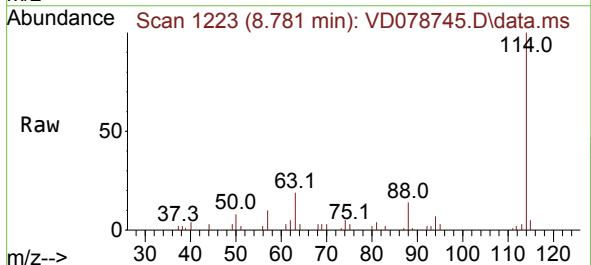
Tgt Ion: 114 Resp: 34980

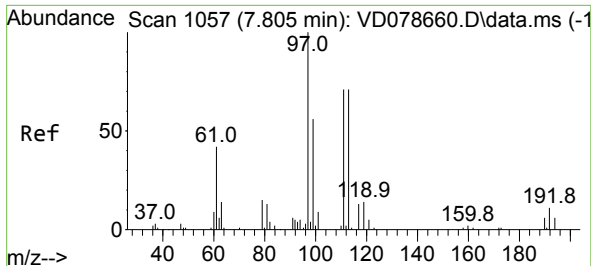
Ion Ratio Lower Upper

114 100

63 19.5 0.0 33.4

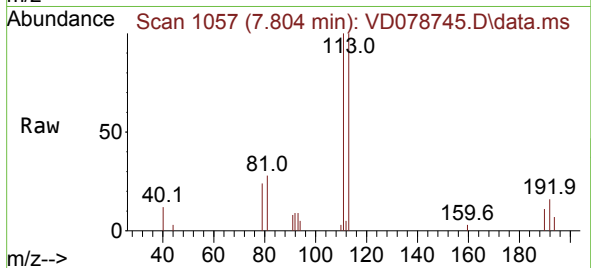
88 14.0 0.0 24.6



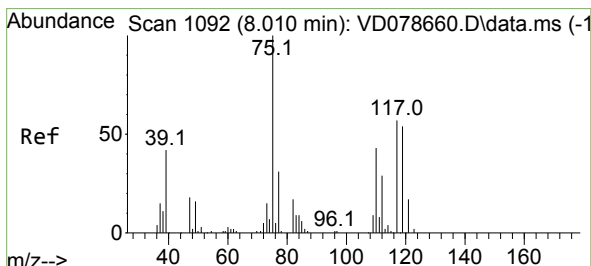
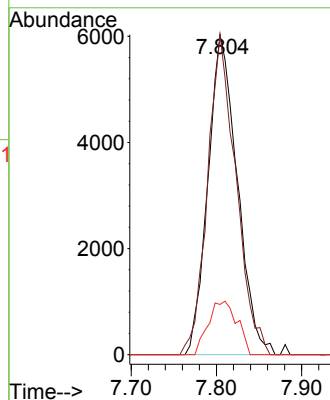
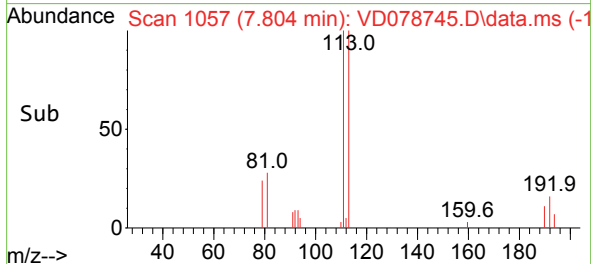


#35
Dibromofluoromethane
Concen: 63.974 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078745.D
Acq: 22 Mar 2024 16:16

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

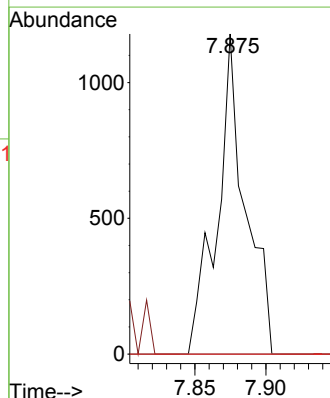
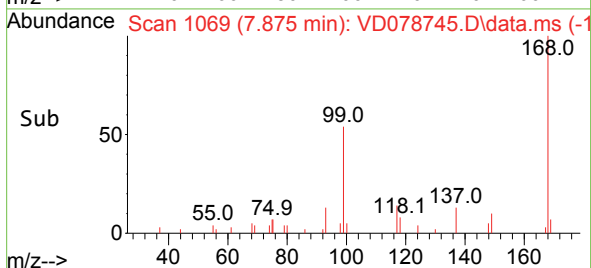
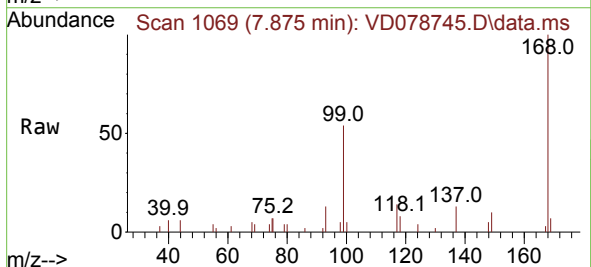


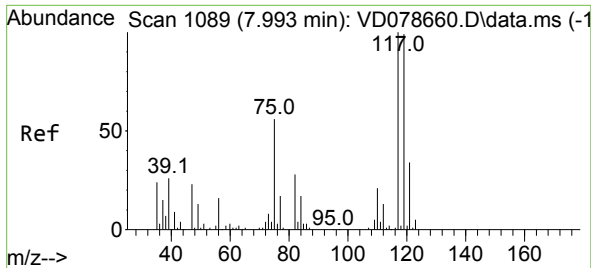
Tgt Ion:113 Resp: 14408
Ion Ratio Lower Upper
113 100
111 97.1 81.9 122.9
192 16.5 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.985 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.136 min
Lab File: VD078745.D
Acq: 22 Mar 2024 16:16

Tgt Ion: 75 Resp: 1629
Ion Ratio Lower Upper
75 100
110 0.0 19.1 57.1#
77 0.0 25.4 38.2#

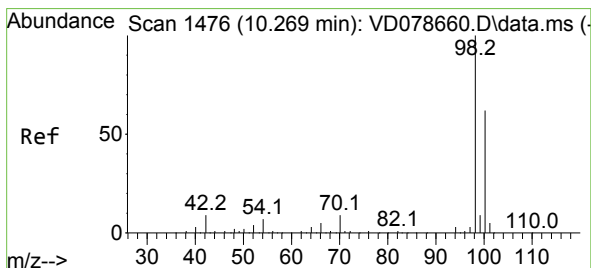
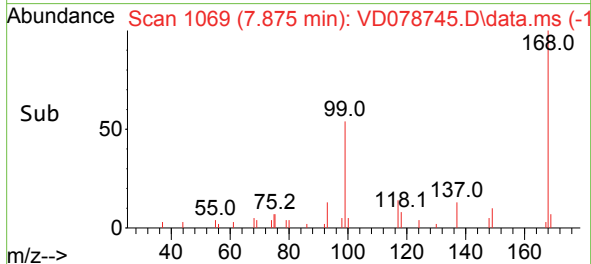
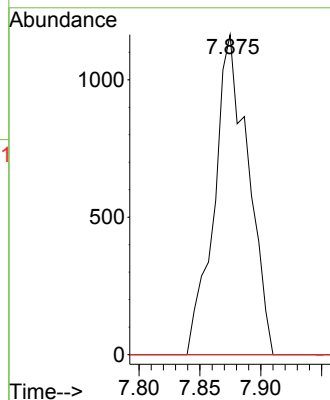
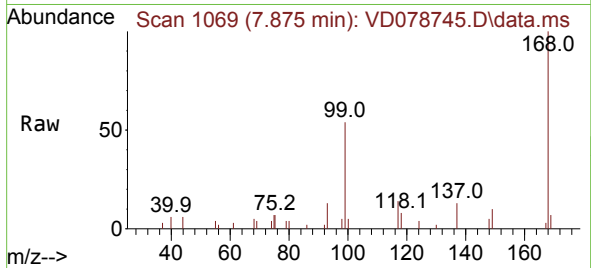




#38
Carbon Tetrachloride
Concen: 6.554 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD078745.D
Acq: 22 Mar 2024 16:16

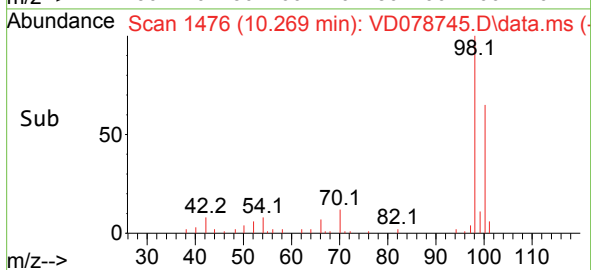
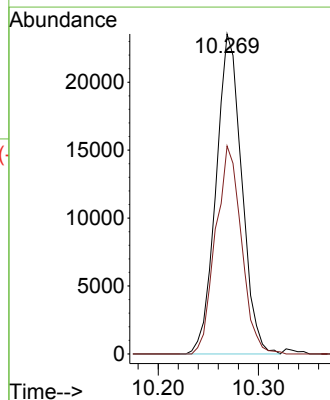
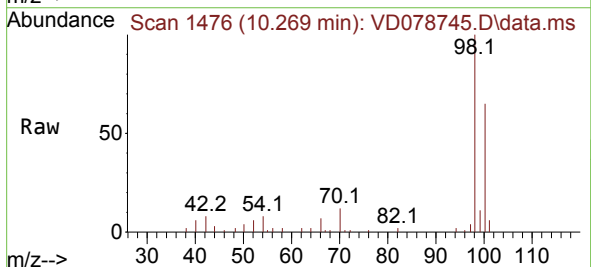
Instrument :
MSVOA_D
ClientSampleId :
EO-01-03222024-A

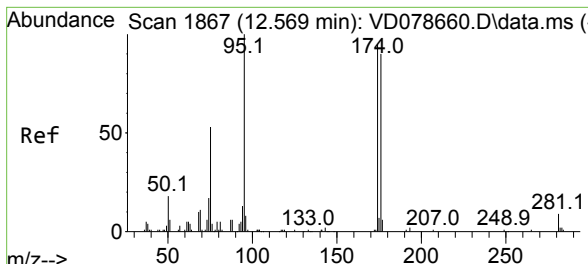
Tgt Ion:117 Resp: 2258
Ion Ratio Lower Upper
117 100
119 0.0 79.2 118.8#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 50.584 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078745.D
Acq: 22 Mar 2024 16:16

Tgt Ion: 98 Resp: 41898
Ion Ratio Lower Upper
98 100
100 65.5 50.5 75.7

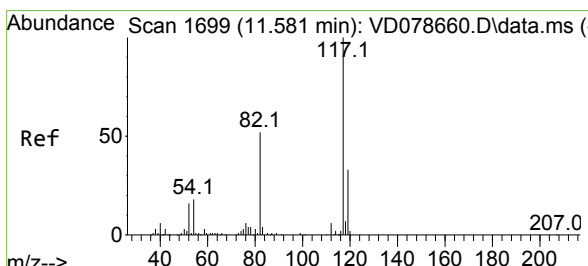
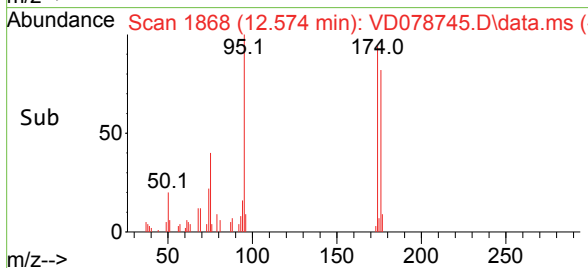
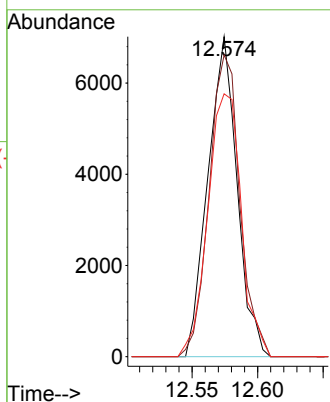
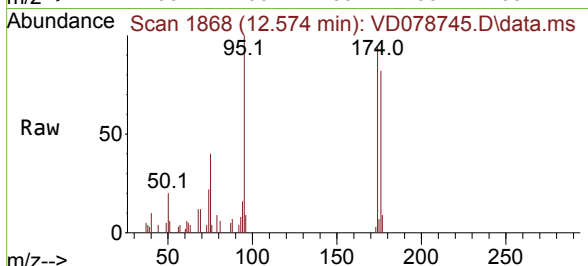




#62
 4-Bromofluorobenzene
 Concen: 44.755 ug/l
 RT: 12.574 min Scan# 1868
 Delta R.T. 0.005 min
 Lab File: VD078745.D
 Acq: 22 Mar 2024 16:16

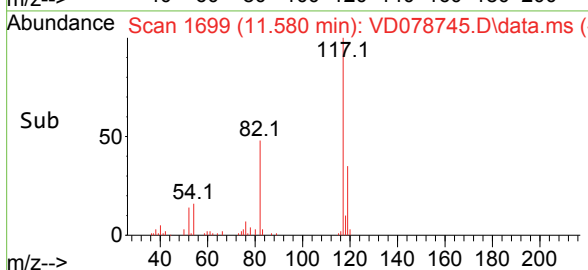
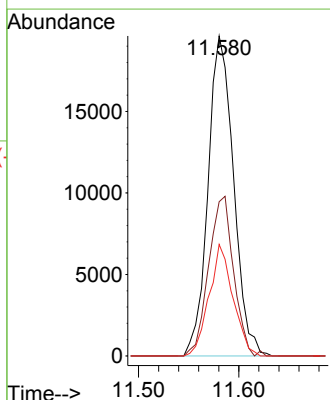
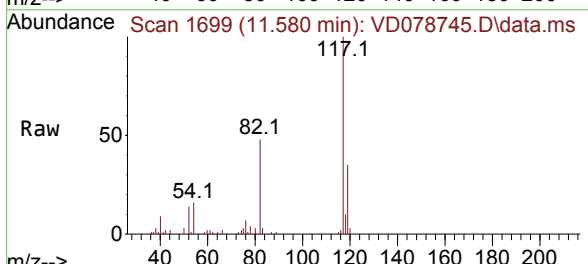
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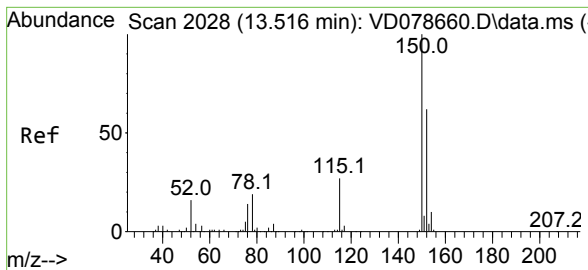
Tgt Ion:	95	Resp:	10845
Ion Ratio	Lower	Upper	
95	100		
174	99.4	0.0	195.2
176	93.8	0.0	188.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.580 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VD078745.D
 Acq: 22 Mar 2024 16:16

Tgt Ion:	117	Resp:	34801
Ion Ratio	Lower	Upper	
117	100		
82	48.2	41.4	62.2
119	34.9	26.5	39.7

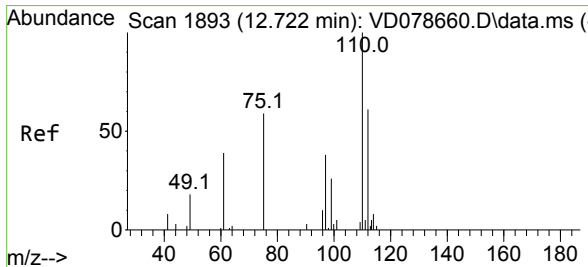
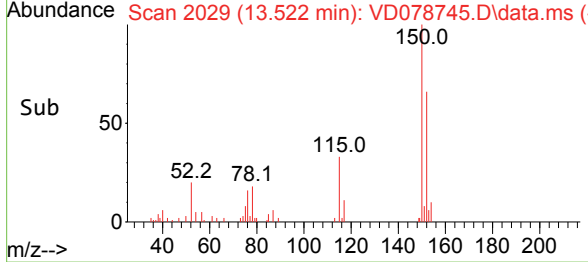
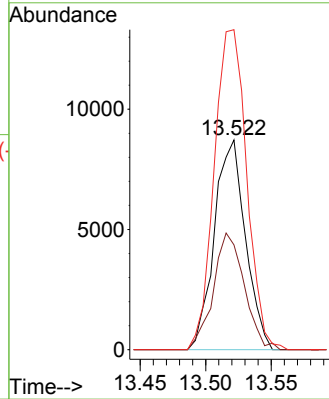
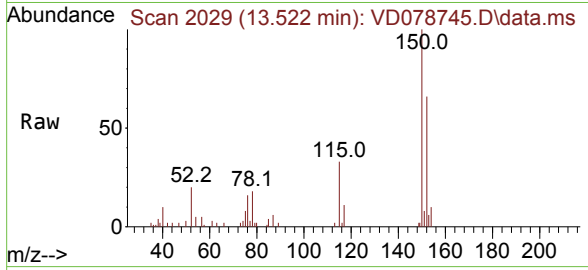




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.005 min
 Lab File: VD078745.D
 Acq: 22 Mar 2024 16:16

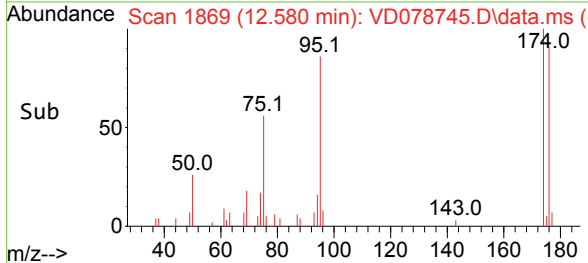
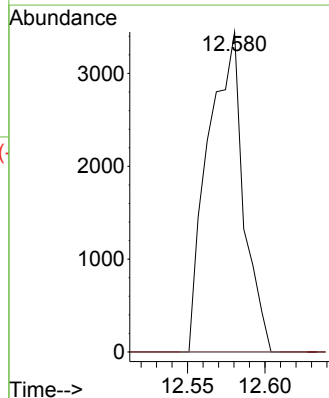
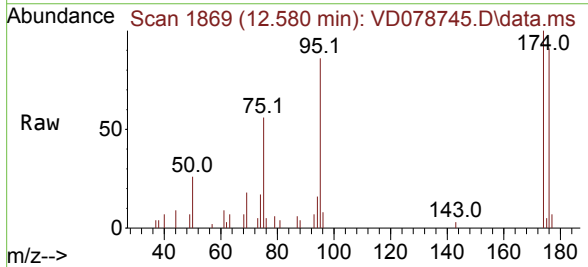
Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-03222024-A

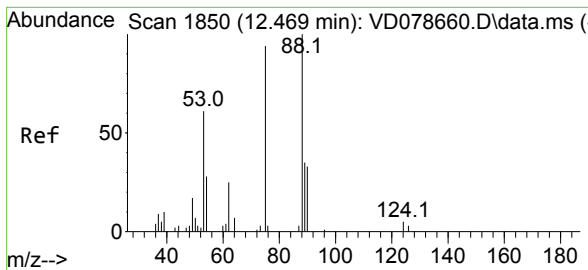
Tgt Ion:152 Resp: 14375
 Ion Ratio Lower Upper
 152 100
 115 55.4 27.1 81.2
 150 159.6 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 49.372 ug/l
 RT: 12.580 min Scan# 1869
 Delta R.T. -0.142 min
 Lab File: VD078745.D
 Acq: 22 Mar 2024 16:16

Tgt Ion: 75 Resp: 5468
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.492 ug/l
 RT: 12.580 min Scan# 11
 Delta R.T. 0.111 min
 Lab File: VD078745.D
 Acq: 22 Mar 2024 16:16

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

Tgt Ion:	75	Resp:	5468
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

