

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101722\
 Data File : VD074545.D
 Acq On : 17 Oct 2022 15:27
 Operator : VA/SY
 Sample : N5140-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-3.5-4.0

Quant Time: Oct 17 23:09:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

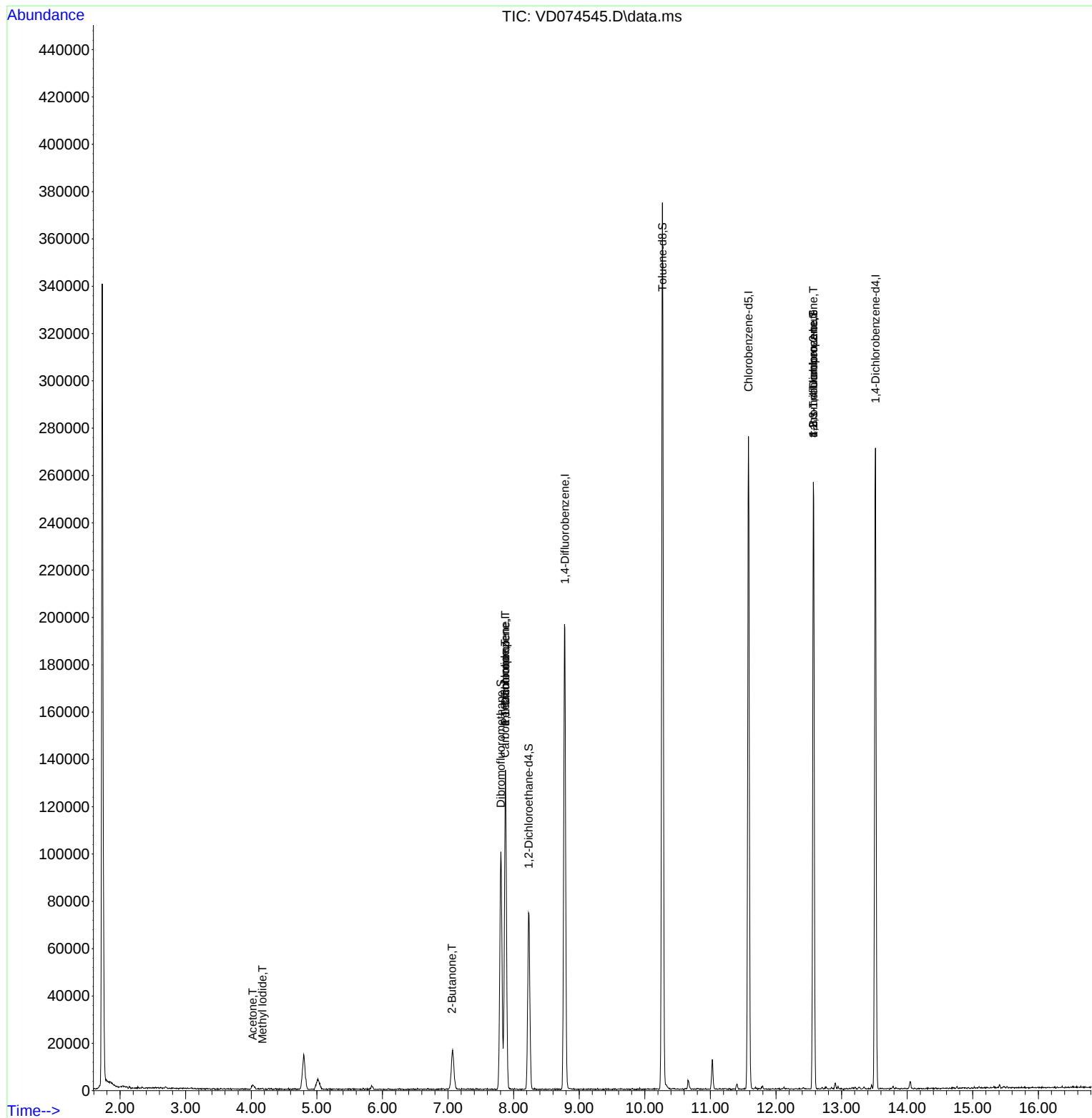
Internal Standards						
1) Pentafluorobenzene	7.875	168	106662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	189464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	173593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	76145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59217	64.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.000%	
35) Dibromofluoromethane	7.805	113	72865	64.653	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.300%	
50) Toluene-d8	10.269	98	269751	61.771	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.540%	
62) 4-Bromofluorobenzene	12.569	95	78070	59.660	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.320%	
Target Compounds						Qvalue
10) Methyl Iodide	4.169	142	364	5.492	ug/l #	65
11) Tert butyl alcohol	5.016	59	4131	Below Cal	#	84
16) Acetone	4.022	43	2865	14.467	ug/l	91
25) 2-Butanone	7.058	43	283	1.035	ug/l #	42
36) 1,1-Dichloropropene	7.875	75	7504	4.127	ug/l #	49
38) Carbon Tetrachloride	7.869	117	10151	6.038	ug/l #	17
76) 1,2,3-Trichloropropane	12.569	75	39177	60.203	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	39177	152.712	ug/l #	17

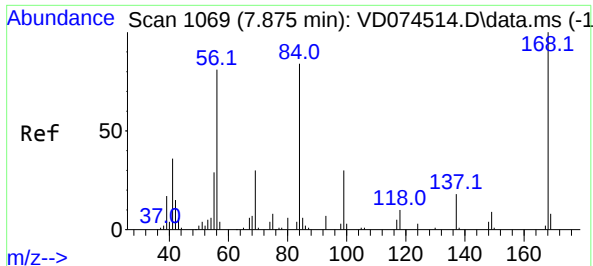
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

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MSVOA_D
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SB-01-3.5-4.0

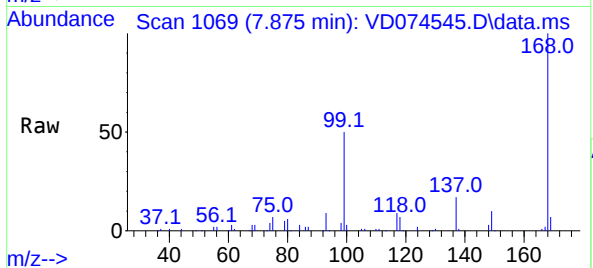
Quant Time: Oct 17 23:09:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 12 13:14:00 2022
Response via : Initial Calibration



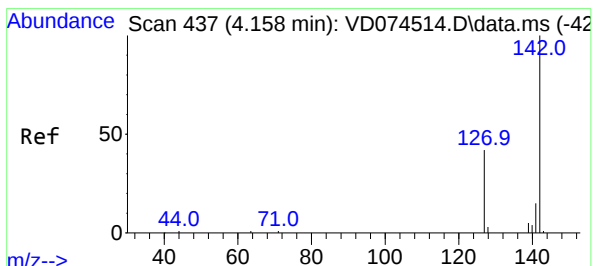
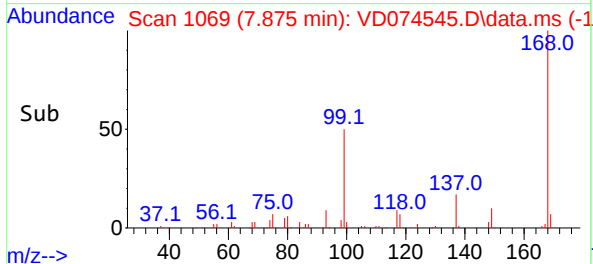
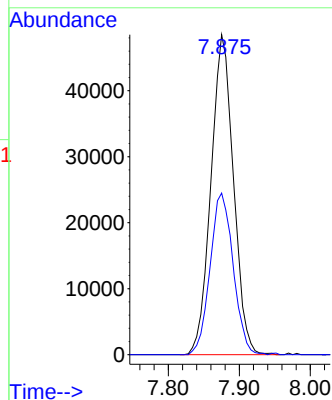


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074545.D
Acq: 17 Oct 2022 15:27

Instrument :
MSVOA_D
ClientSampleId :
SB-01-3.5-4.0

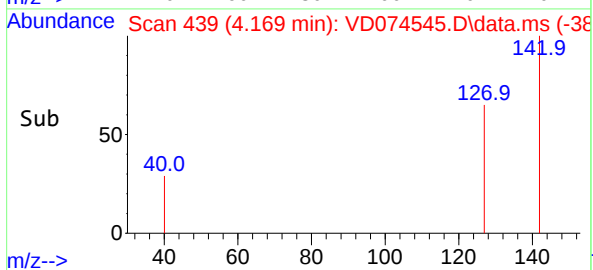
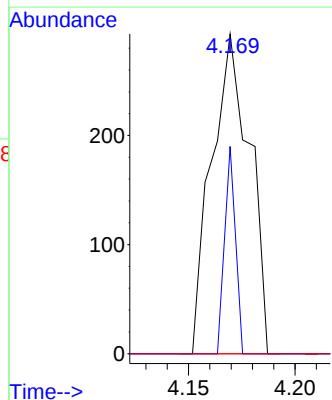
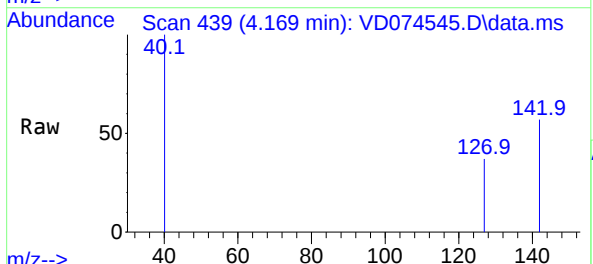


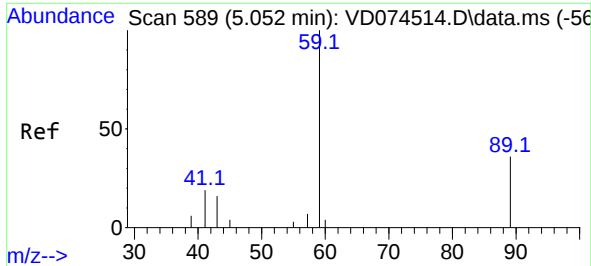
Tgt Ion:168 Resp: 106662
Ion Ratio Lower Upper
168 100
99 50.5 40.9 61.3



#10
Methyl Iodide
Concen: 5.492 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074545.D
Acq: 17 Oct 2022 15:27

Tgt Ion:142 Resp: 364
Ion Ratio Lower Upper
142 100
127 18.4 31.9 47.9#
141 0.0 11.4 17.2#

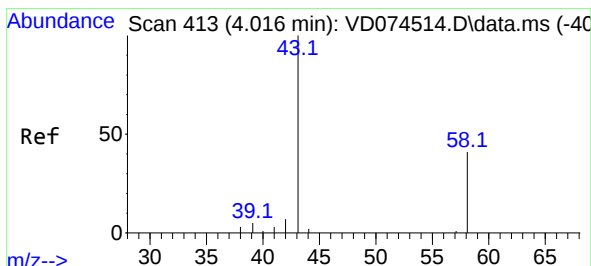
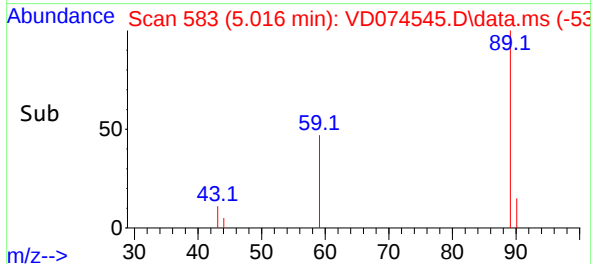
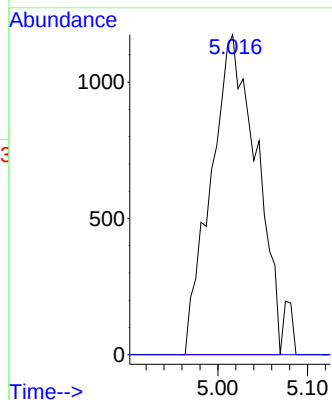
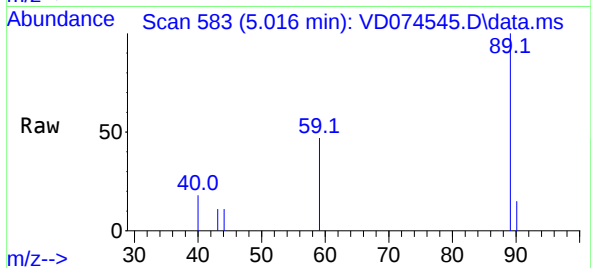




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.016 min Scan# 50
Delta R.T. -0.036 min
Lab File: VD074545.D
Acq: 17 Oct 2022 15:27

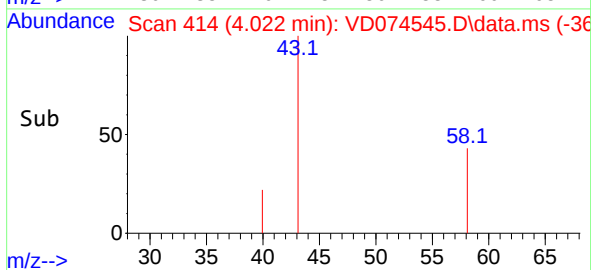
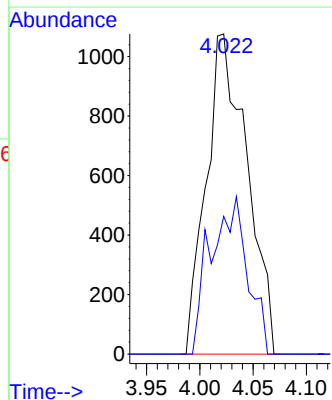
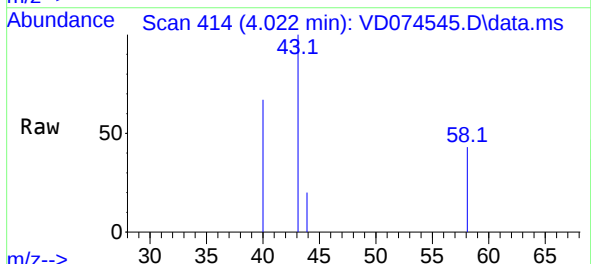
Instrument :
MSVOA_D
ClientSampleId :
SB-01-3.5-4.0

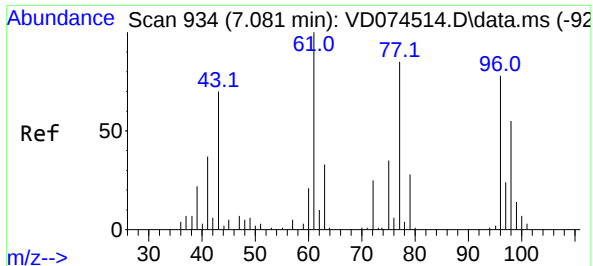
Tgt Ion: 59 Resp: 4131
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 14.467 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074545.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 43 Resp: 2865
Ion Ratio Lower Upper
43 100
58 43.0 30.2 45.2

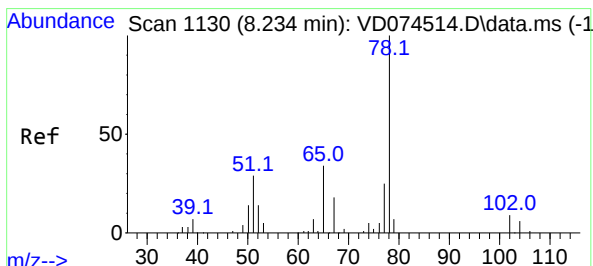
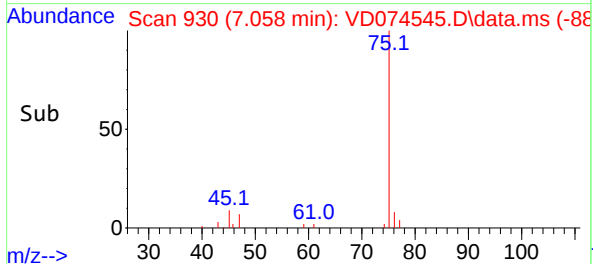
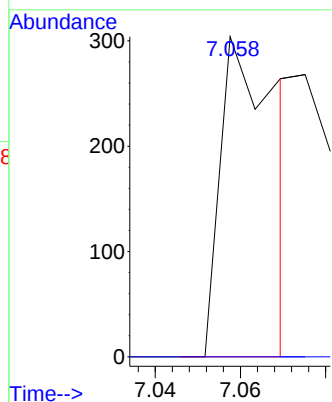
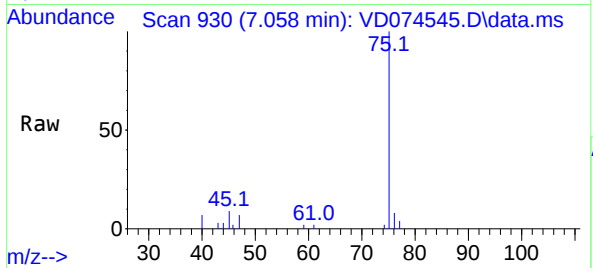




#25
2-Butanone
Concen: 1.035 ug/l
RT: 7.058 min Scan# 91
Delta R.T. -0.023 min
Lab File: VD074545.D
Acq: 17 Oct 2022 15:27

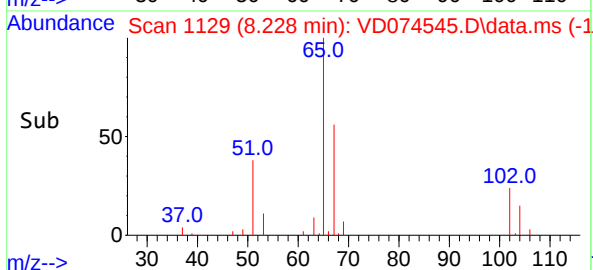
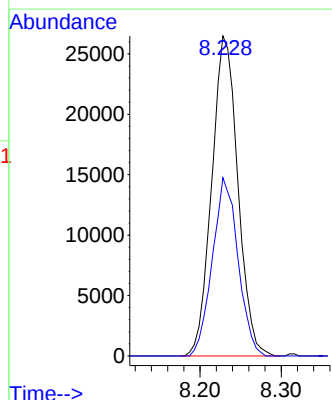
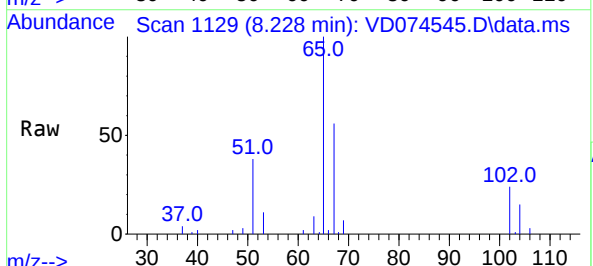
Instrument :
MSVOA_D
ClientSampleId :
SB-01-3.5-4.0

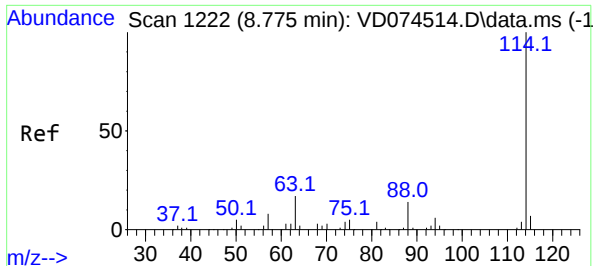
Tgt Ion: 43 Resp: 283
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#33
1,2-Dichloroethane-d4
Concen: 64.500 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074545.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 65 Resp: 59217
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.2

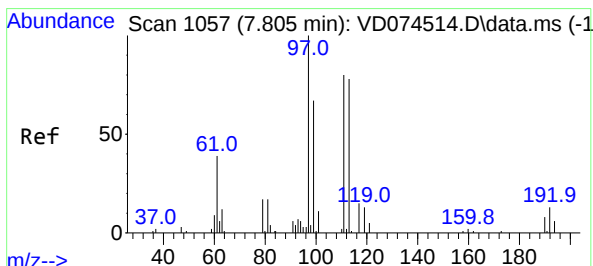
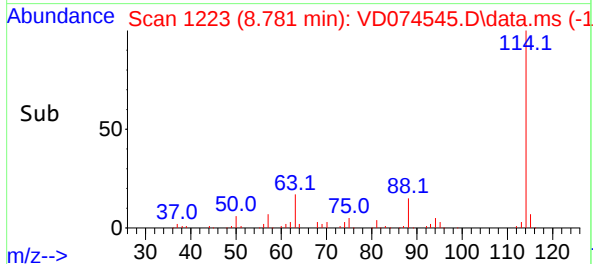
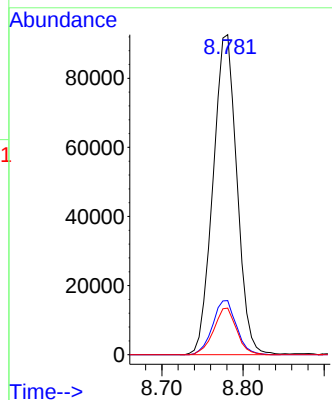
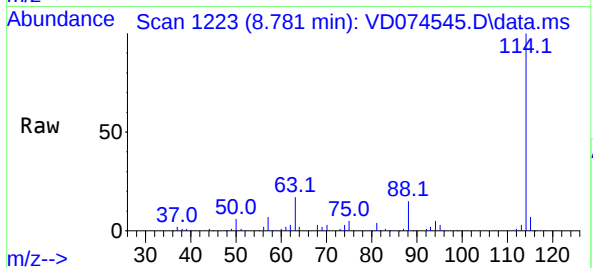




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074545.D
Acq: 17 Oct 2022 15:27

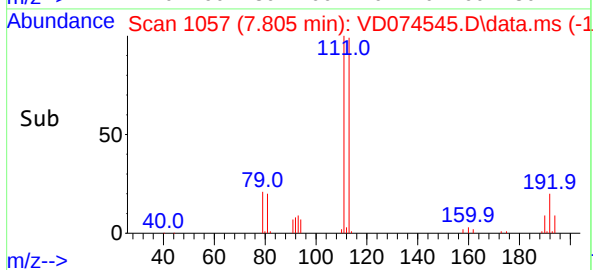
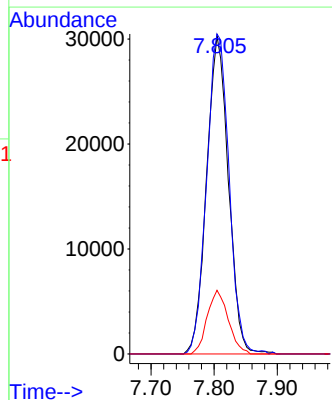
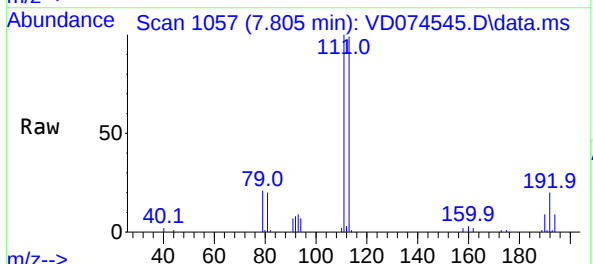
Instrument :
MSVOA_D
ClientSampleId :
SB-01-3.5-4.0

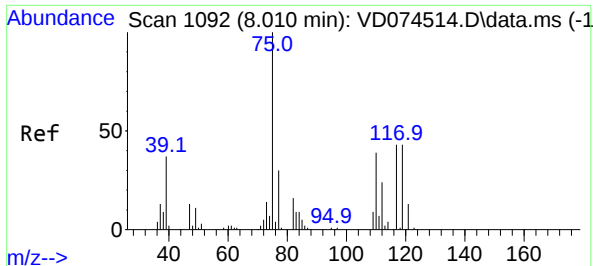
Tgt Ion:114 Resp: 189464
Ion Ratio Lower Upper
114 100
63 16.9 0.0 33.2
88 14.5 0.0 28.2



#35
Dibromofluoromethane
Concen: 64.653 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD074545.D
Acq: 17 Oct 2022 15:27

Tgt Ion:113 Resp: 72865
Ion Ratio Lower Upper
113 100
111 103.1 82.3 123.5
192 19.3 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.127 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD074545.D

Acq: 17 Oct 2022 15:27

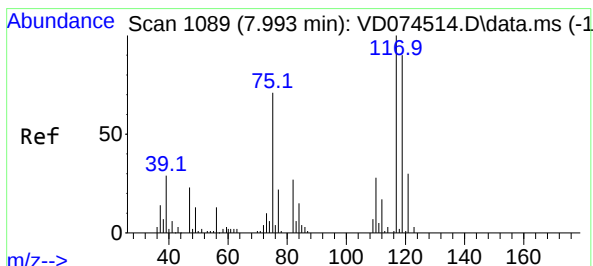
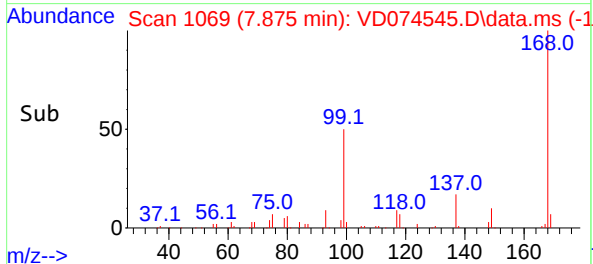
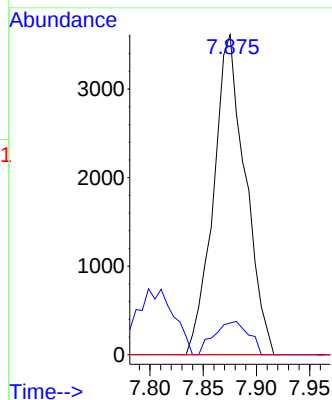
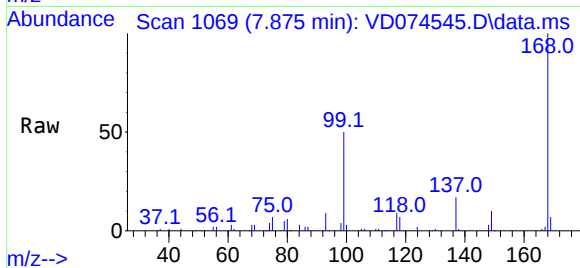
Instrument :

MSVOA_D

ClientSampleId :

SB-01-3.5-4.0

Tgt Ion:	75	Resp:	7504
Ion	Ratio	Lower	Upper
75	100		
110	11.3	19.7	59.0#
77	0.0	25.4	38.2#



#38

Carbon Tetrachloride

Concen: 6.038 ug/l

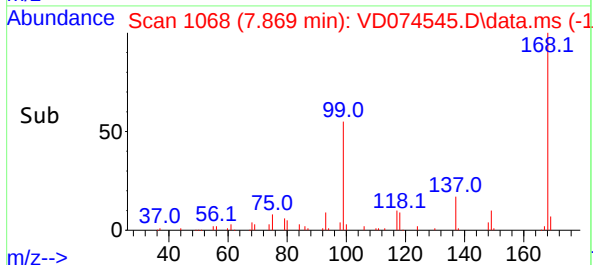
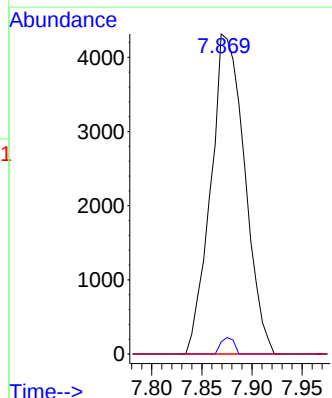
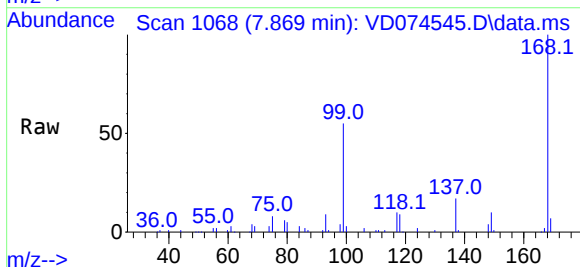
RT: 7.869 min Scan# 1068

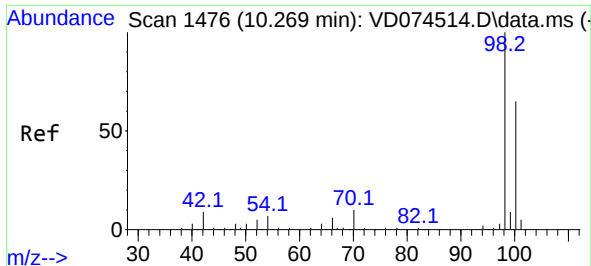
Delta R.T. -0.118 min

Lab File: VD074545.D

Acq: 17 Oct 2022 15:27

Tgt Ion:	117	Resp:	10151
Ion	Ratio	Lower	Upper
117	100		
119	3.8	73.1	109.7#
121	0.0	25.0	37.6#

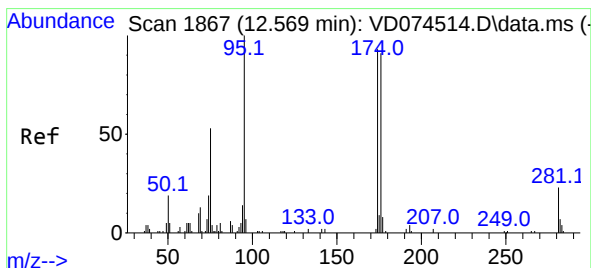
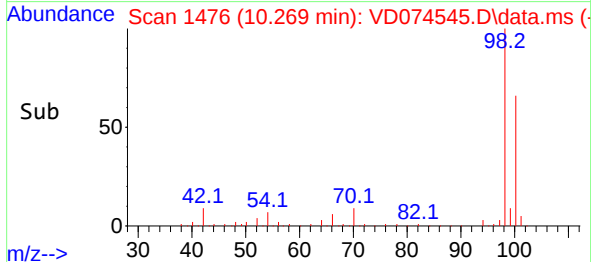
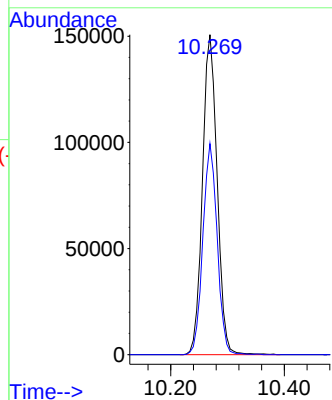
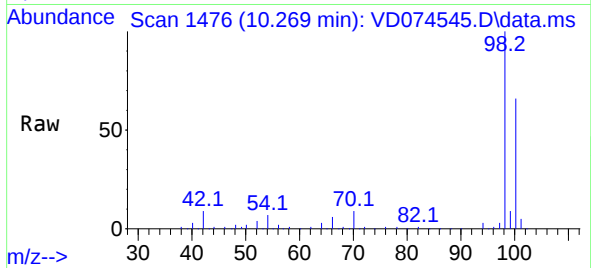




#50
Toluene-d8
Concen: 61.771 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074545.D
Acq: 17 Oct 2022 15:27

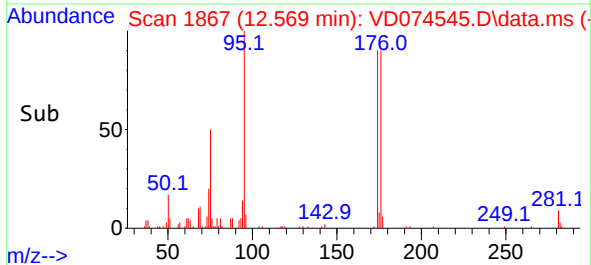
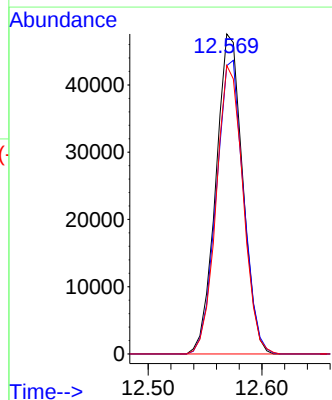
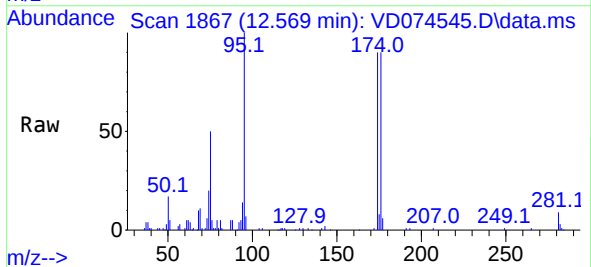
Instrument :
MSVOA_D
ClientSampleId :
SB-01-3.5-4.0

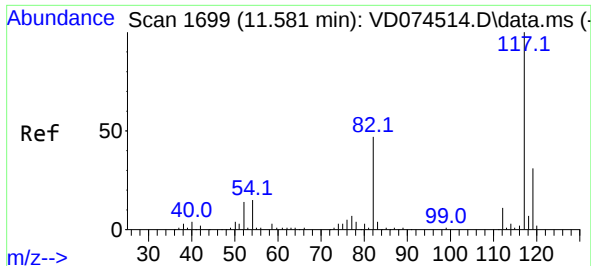
Tgt Ion: 98 Resp: 269751
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 59.660 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074545.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 95 Resp: 78070
Ion Ratio Lower Upper
95 100
174 93.0 0.0 197.0
176 89.9 0.0 182.6

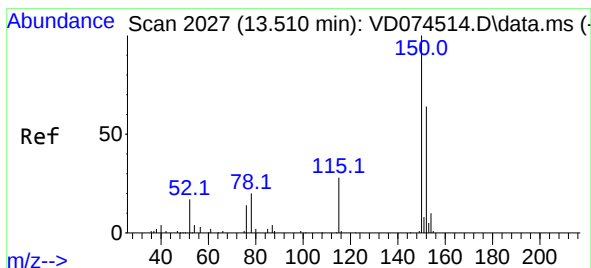
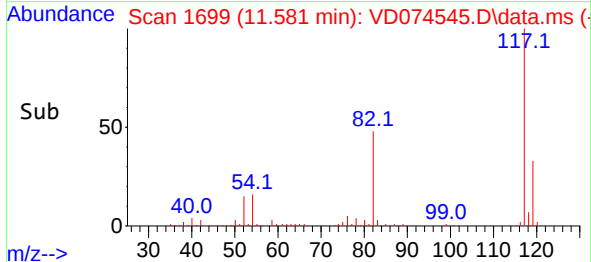
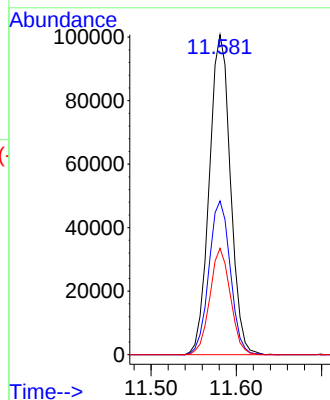
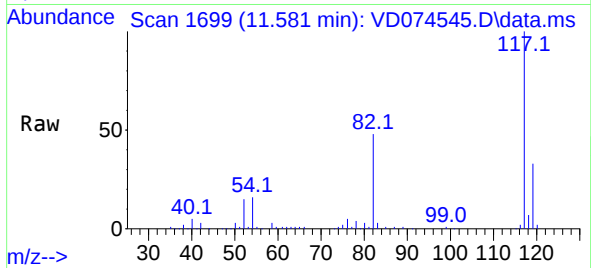




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074545.D
Acq: 17 Oct 2022 15:27

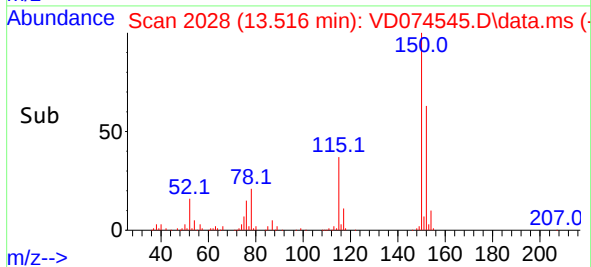
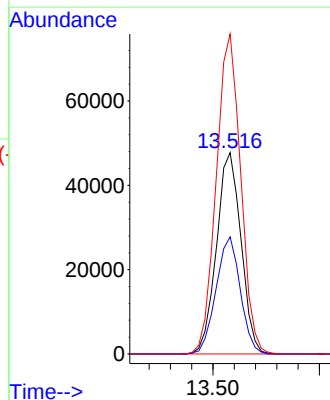
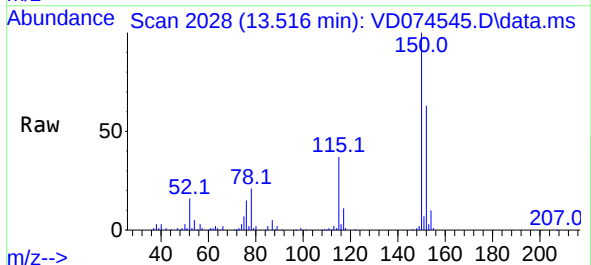
Instrument :
MSVOA_D
ClientSampleId :
SB-01-3.5-4.0

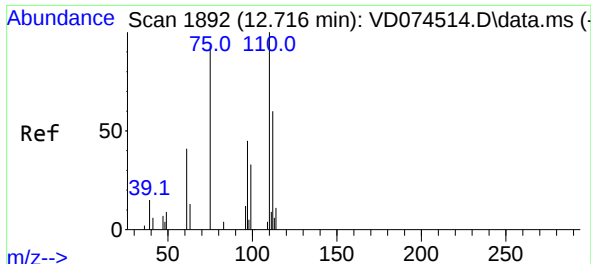
Tgt Ion:117 Resp: 173593
Ion Ratio Lower Upper
117 100
82 48.1 41.6 62.4
119 33.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074545.D
Acq: 17 Oct 2022 15:27

Tgt Ion:152 Resp: 76145
Ion Ratio Lower Upper
152 100
115 57.5 26.8 80.4
150 158.5 0.0 348.2

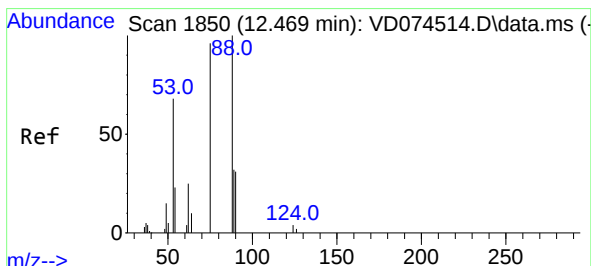
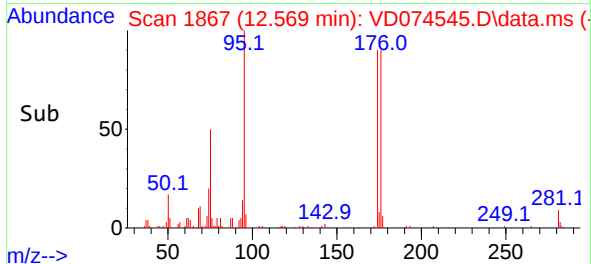
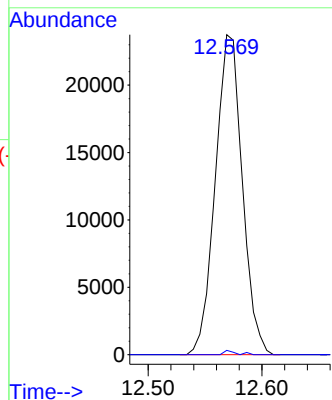
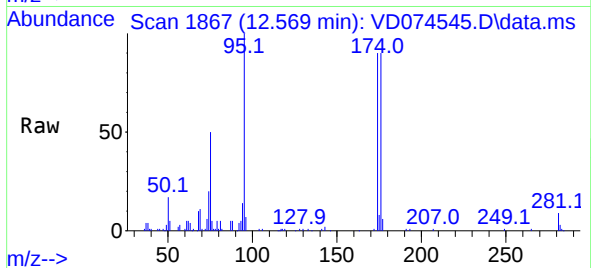




#76
1,2,3-Trichloropropane
Concen: 60.203 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074545.D
Acq: 17 Oct 2022 15:27

Instrument :
MSVOA_D
ClientSampleId :
SB-01-3.5-4.0

Tgt Ion: 75 Resp: 39177
Ion Ratio Lower Upper
75 100
77 0.6 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 152.712 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074545.D
Acq: 17 Oct 2022 15:27

Tgt Ion: 75 Resp: 39177
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

