

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074759.D
 Acq On : 07 Nov 2022 14:13
 Operator : VA/SY
 Sample : N5460-01RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SH-1

Quant Time: Nov 08 00:21:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

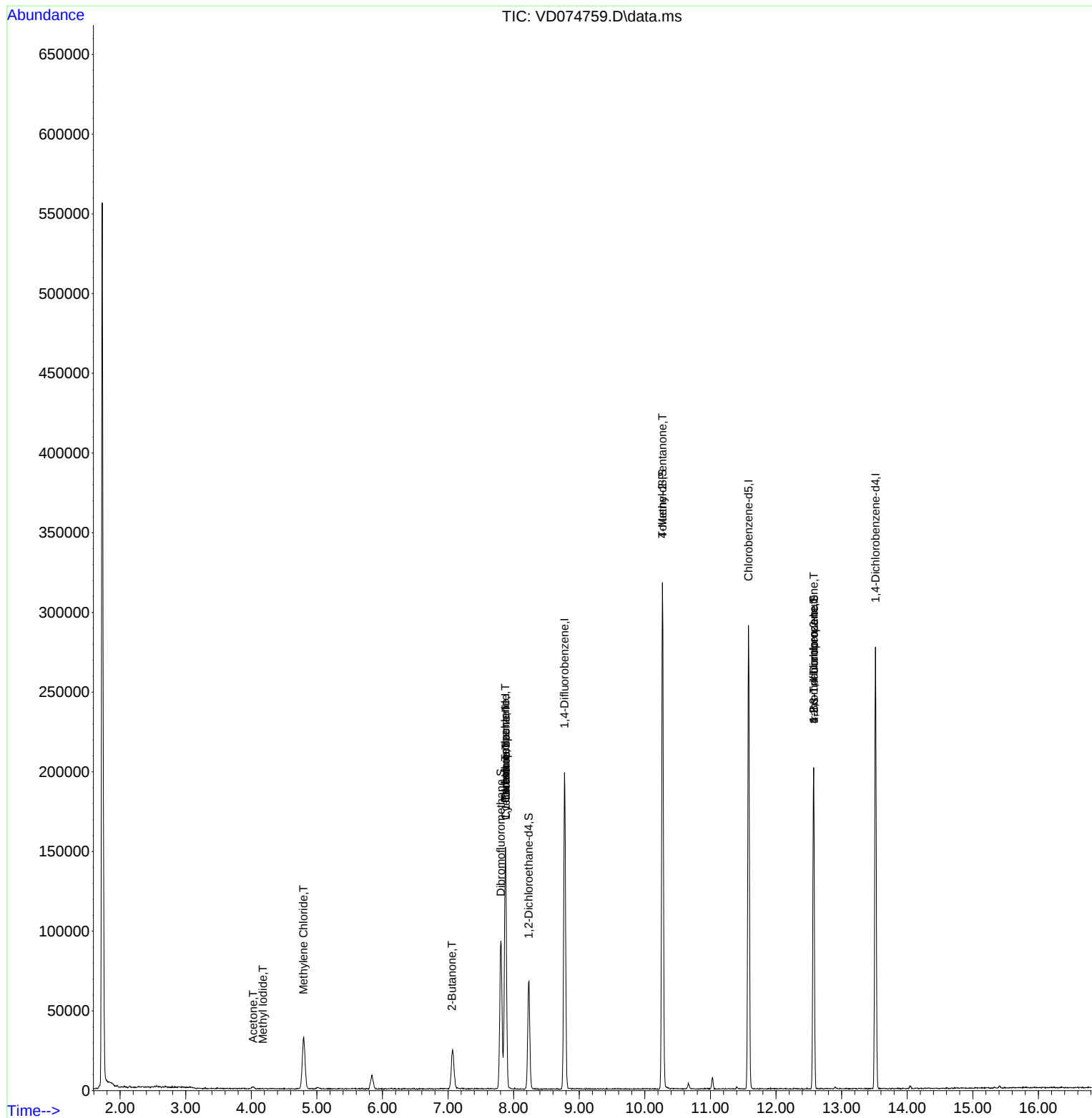
Internal Standards						
1) Pentafluorobenzene	7.875	168	123425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	189620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	179477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	77667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52217	53.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.840%	
35) Dibromofluoromethane	7.804	113	70082	62.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.960%	
50) Toluene-d8	10.269	98	229543	56.102	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.200%	
62) 4-Bromofluorobenzene	12.575	95	62824	53.179	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.360%	
Target Compounds						Qvalue
10) Methyl Iodide	4.175	142	77	5.597	ug/l #	43
11) Tert butyl alcohol	5.010	59	422	Below Cal	#	84
16) Acetone	4.028	43	2365	11.593	ug/l #	84
20) Methylene Chloride	4.793	84	27741	6.209	ug/l	89
25) 2-Butanone	7.057	43	416	1.483	ug/l #	42
31) Cyclohexane	7.881	56	2036	1.029	ug/l #	6
36) 1,1-Dichloropropene	7.881	75	8606	5.055	ug/l #	46
38) Carbon Tetrachloride	7.875	117	11626	7.207	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	541	1.056	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	31181	51.789	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	31181	122.934	ug/l #	17

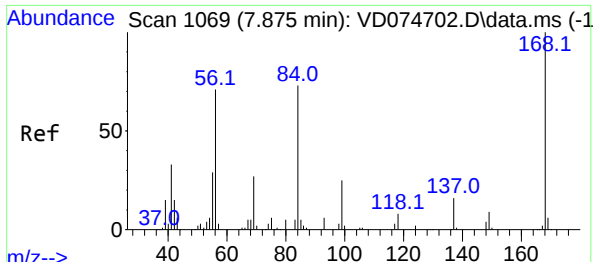
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
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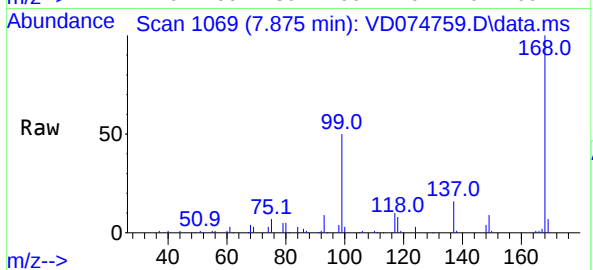
Quant Time: Nov 08 00:21:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
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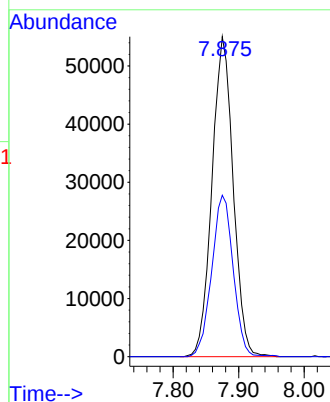
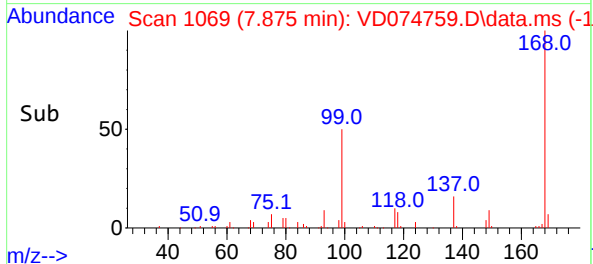


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074759.D
Acq: 07 Nov 2022 14:13

Instrument :
MSVOA_D
ClientSampleId :
SH-1

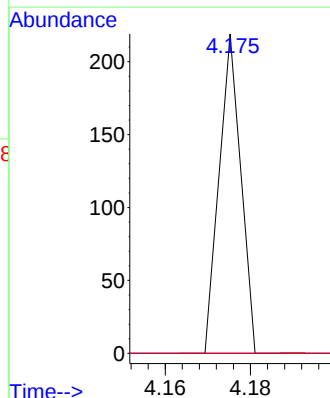
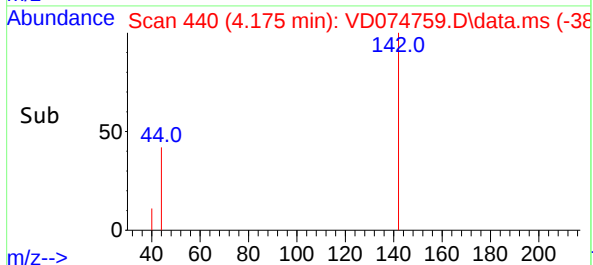
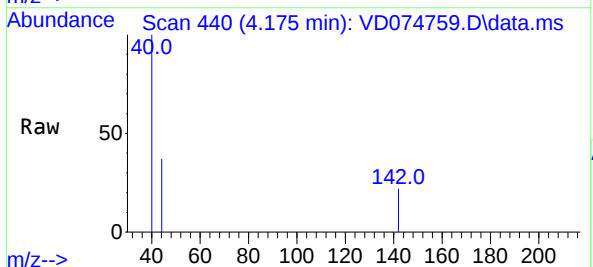


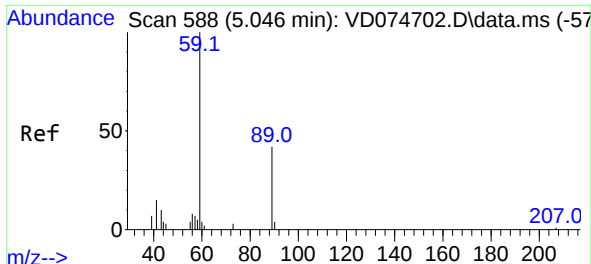
Tgt Ion:168 Resp: 123425
Ion Ratio Lower Upper
168 100
99 50.4 40.9 61.3



#10
Methyl Iodide
Concen: 5.597 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.017 min
Lab File: VD074759.D
Acq: 07 Nov 2022 14:13

Tgt Ion:142 Resp: 77
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

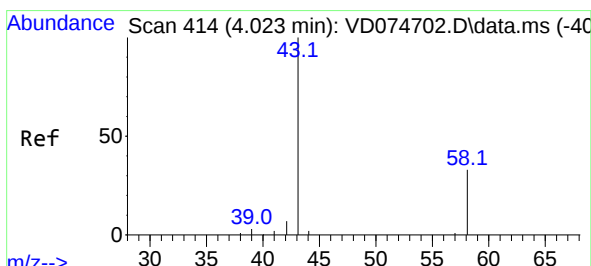
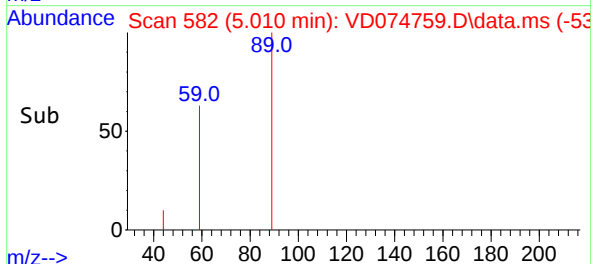
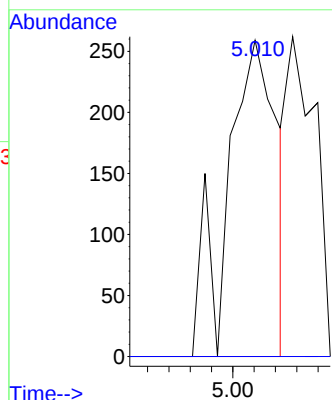
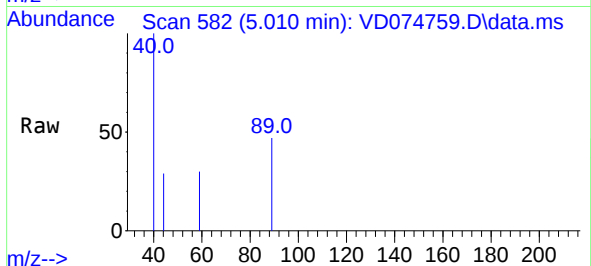




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.010 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD074759.D
Acq: 07 Nov 2022 14:13

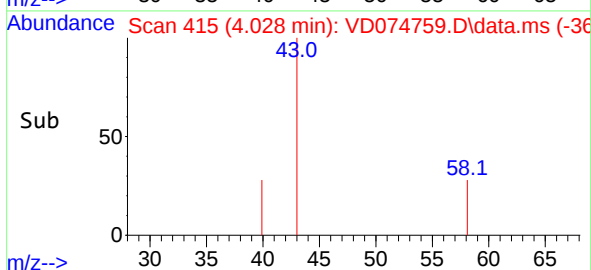
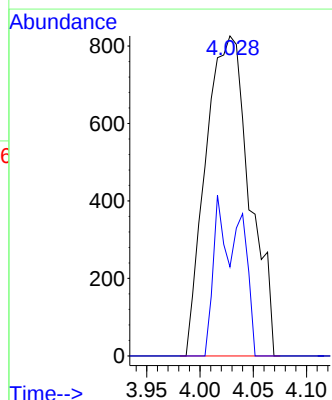
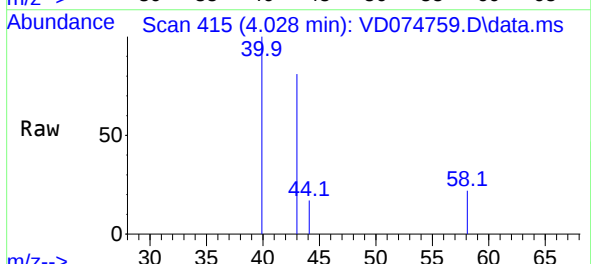
Instrument :
MSVOA_D
ClientSampleId :
SH-1

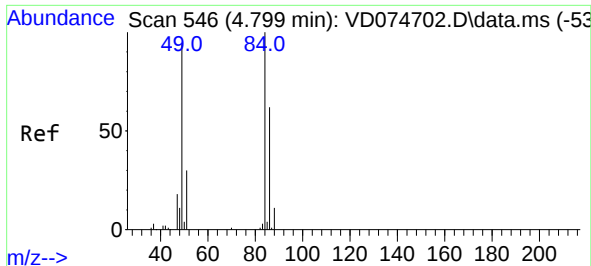
Tgt Ion: 59 Resp: 422
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 11.593 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.005 min
Lab File: VD074759.D
Acq: 07 Nov 2022 14:13

Tgt Ion: 43 Resp: 2365
Ion Ratio Lower Upper
43 100
58 27.8 30.2 45.2#

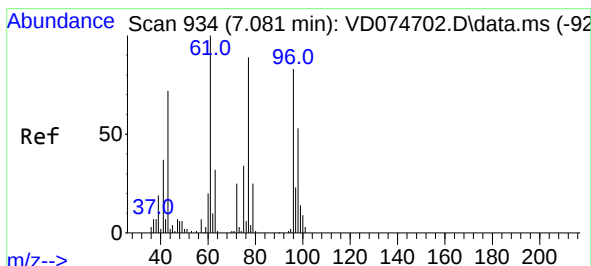
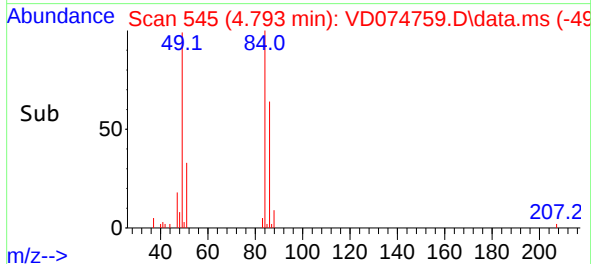
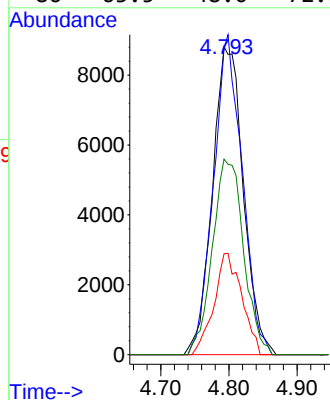
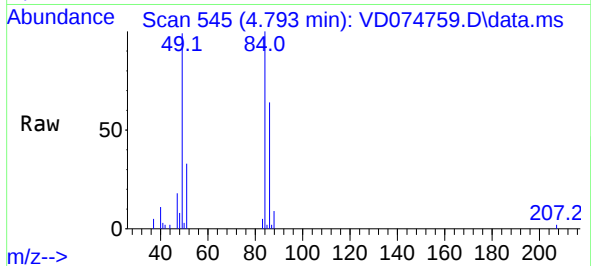




#20
Methylene Chloride
Concen: 6.209 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD074759.D
Acq: 07 Nov 2022 14:13

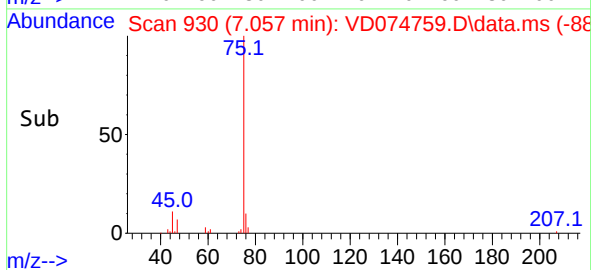
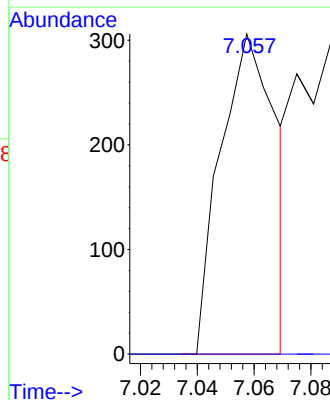
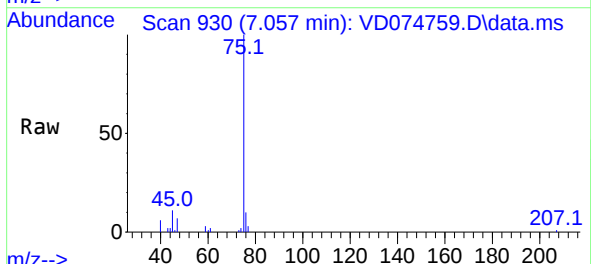
Instrument :
MSVOA_D
ClientSampleId :
SH-1

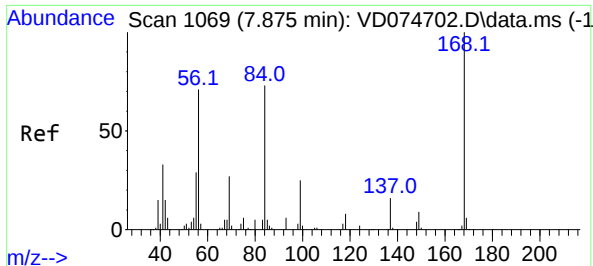
Tgt Ion: 84	Resp: 27741
Ion Ratio	Lower Upper
84 100	
49 99.4	68.0 102.0
51 32.8	23.2 34.8
86 63.5	48.0 72.0



#25
2-Butanone
Concen: 1.483 ug/l
RT: 7.057 min Scan# 930
Delta R.T. -0.024 min
Lab File: VD074759.D
Acq: 07 Nov 2022 14:13

Tgt Ion: 43	Resp: 416		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	25.8	38.8#	

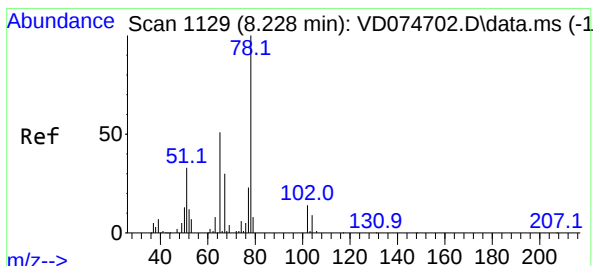
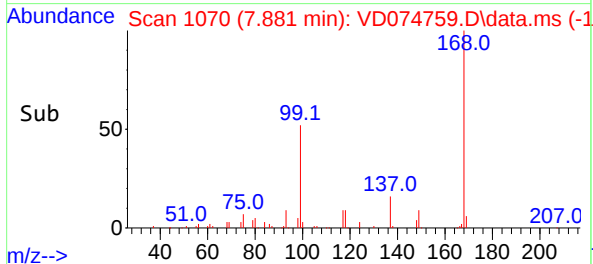
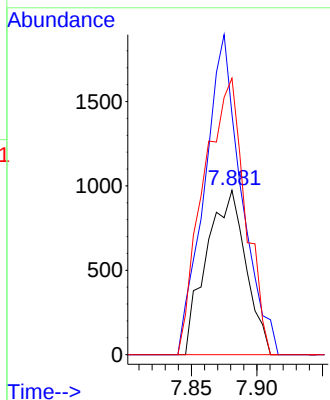
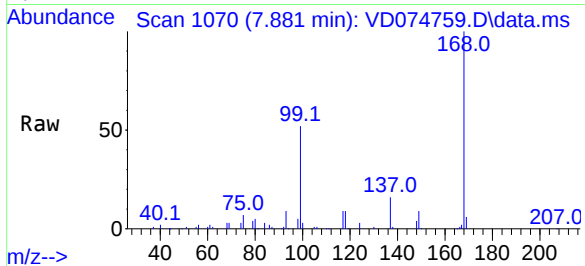




#31
Cyclohexane
Concen: 1.029 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074759.D
Acq: 07 Nov 2022 14:13

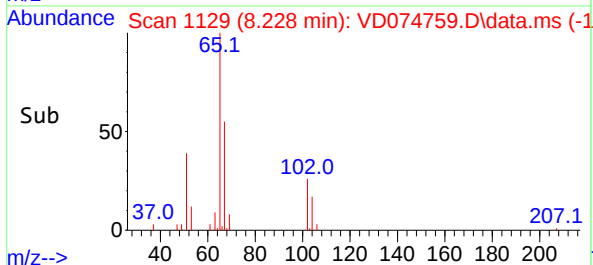
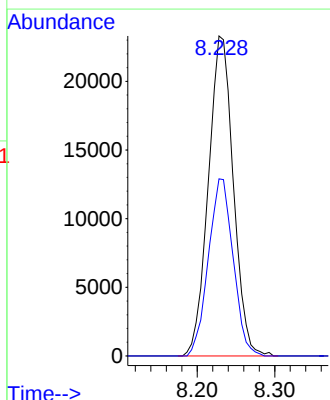
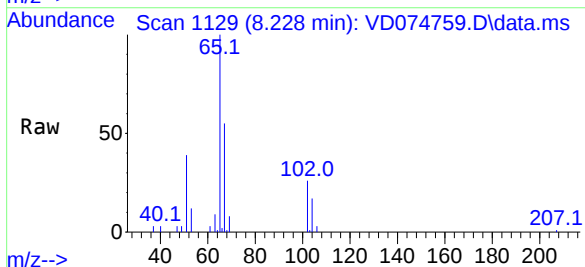
Instrument :
MSVOA_D
ClientSampleId :
SH-1

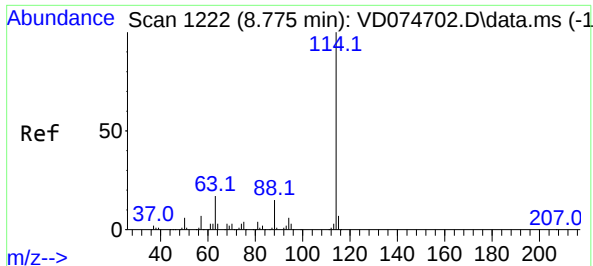
Tgt Ion: 56 Resp: 2036
Ion Ratio Lower Upper
56 100
69 146.3 29.2 43.8#
84 168.2 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 53.416 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074759.D
Acq: 07 Nov 2022 14:13

Tgt Ion: 65 Resp: 52217
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074759.D

Acq: 07 Nov 2022 14:13

Instrument :

MSVOA_D

ClientSampleId :

SH-1

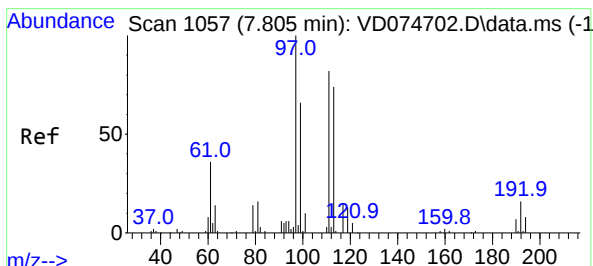
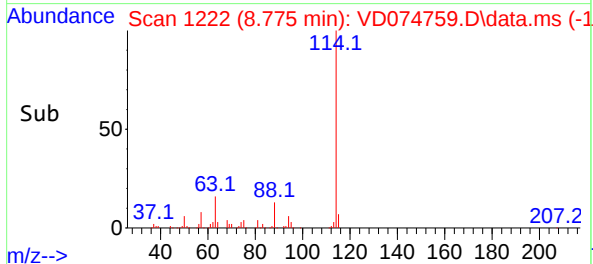
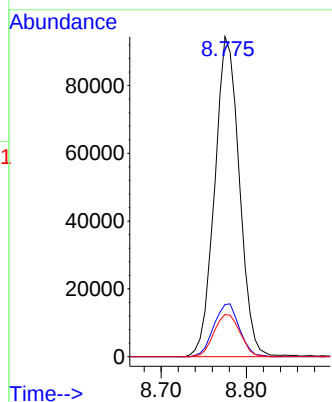
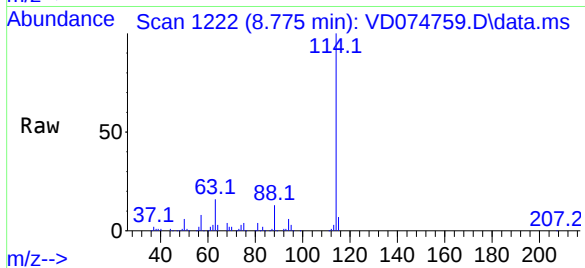
Tgt Ion:114 Resp: 189620

Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.2

88 13.1 0.0 28.2



#35

Dibromofluoromethane

Concen: 62.480 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074759.D

Acq: 07 Nov 2022 14:13

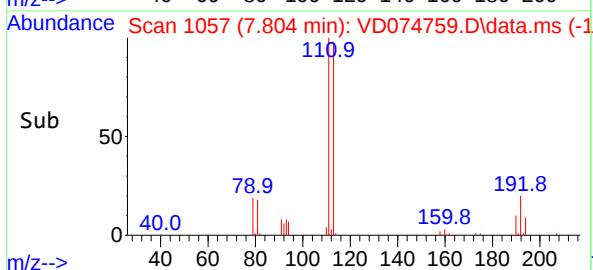
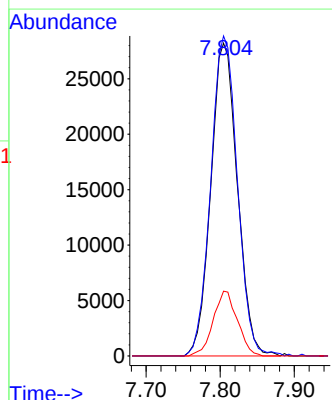
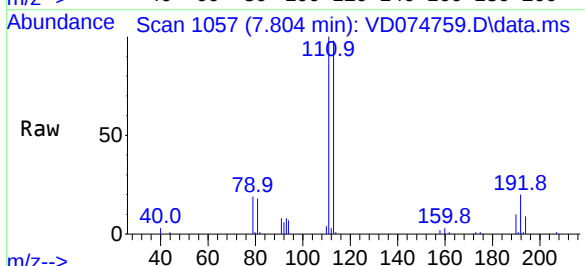
Tgt Ion:113 Resp: 70082

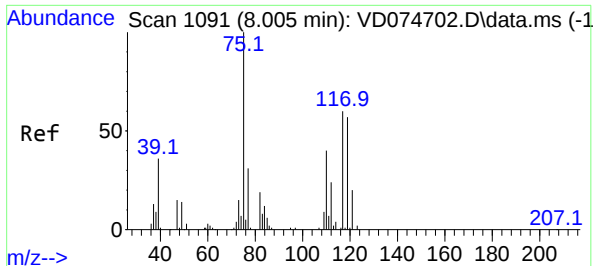
Ion Ratio Lower Upper

113 100

111 102.8 82.3 123.5

192 18.9 16.4 24.6





#36

1,1-Dichloropropene

Concen: 5.055 ug/l

RT: 7.881 min Scan# 1091

Delta R.T. -0.124 min

Lab File: VD074759.D

Acq: 07 Nov 2022 14:13

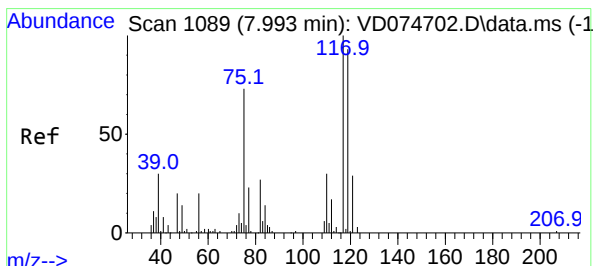
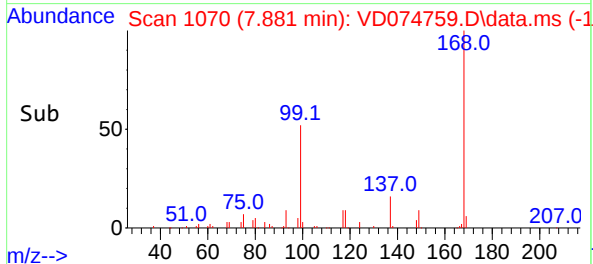
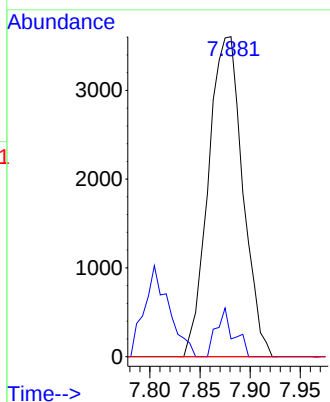
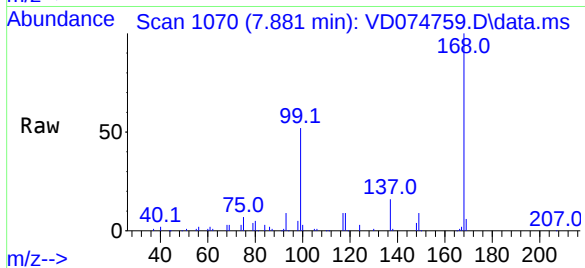
Instrument :

MSVOA_D

ClientSampleId :

SH-1

Tgt Ion:	75	Resp:	8606
Ion	Ratio	Lower	Upper
75	100		
110	7.7	19.7	59.0#
77	0.0	25.4	38.2#



#38

Carbon Tetrachloride

Concen: 7.207 ug/l

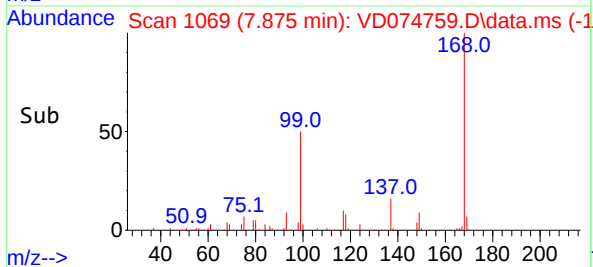
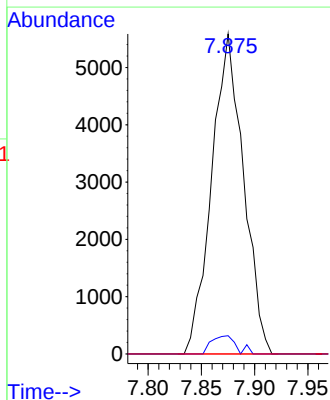
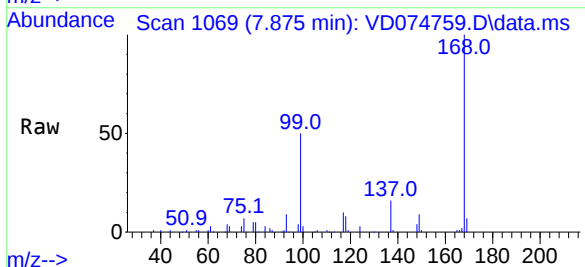
RT: 7.875 min Scan# 1069

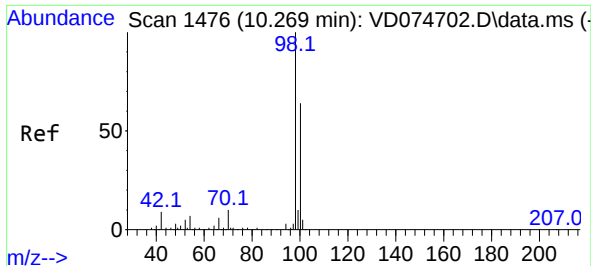
Delta R.T. -0.118 min

Lab File: VD074759.D

Acq: 07 Nov 2022 14:13

Tgt Ion:	117	Resp:	11626
Ion	Ratio	Lower	Upper
117	100		
119	5.7	73.1	109.7#
121	0.0	25.0	37.6#

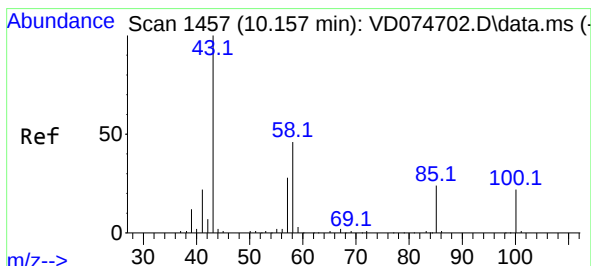
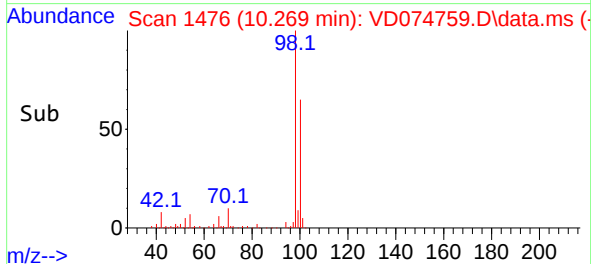
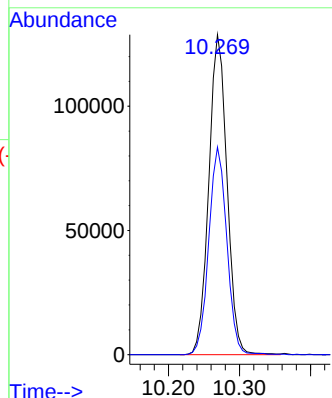
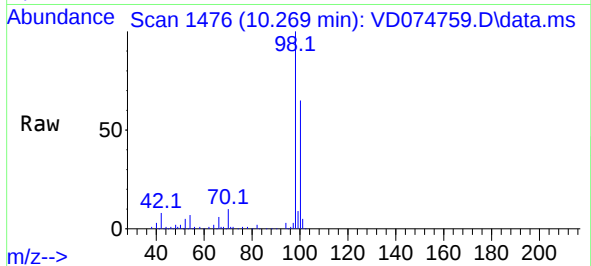




#50
Toluene-d8
Concen: 56.102 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074759.D
Acq: 07 Nov 2022 14:13

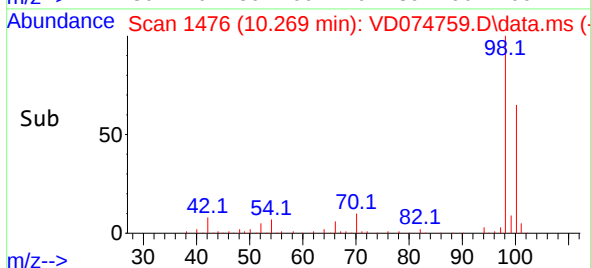
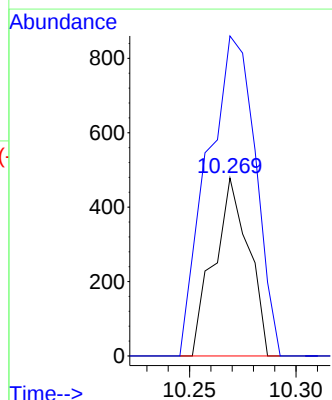
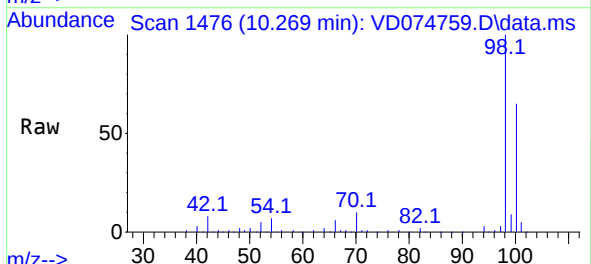
Instrument :
MSVOA_D
ClientSampleId :
SH-1

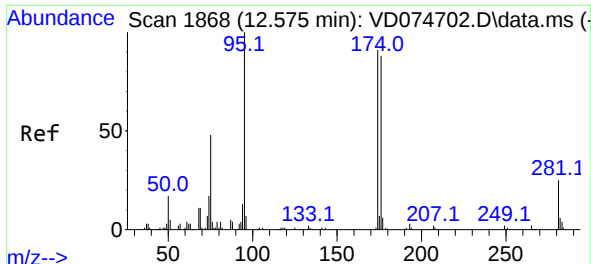
Tgt Ion: 98 Resp: 229543
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.056 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074759.D
Acq: 07 Nov 2022 14:13

Tgt Ion: 43 Resp: 541
Ion Ratio Lower Upper
43 100
58 249.2 37.8 56.6#

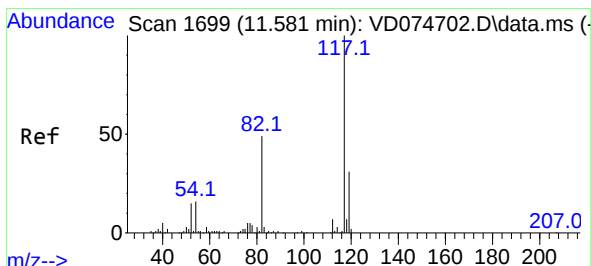
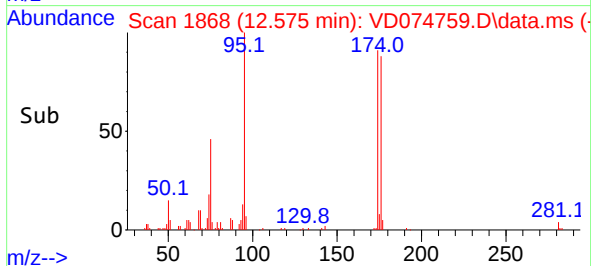
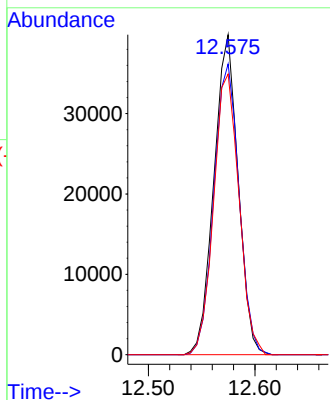
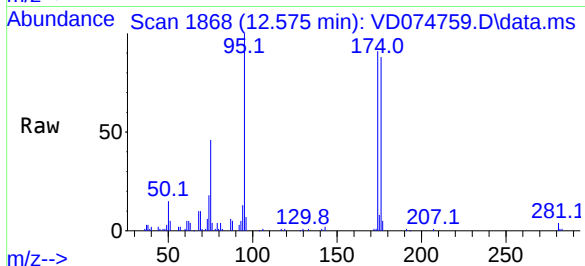




#62
4-Bromofluorobenzene
Concen: 53.179 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074759.D
Acq: 07 Nov 2022 14:13

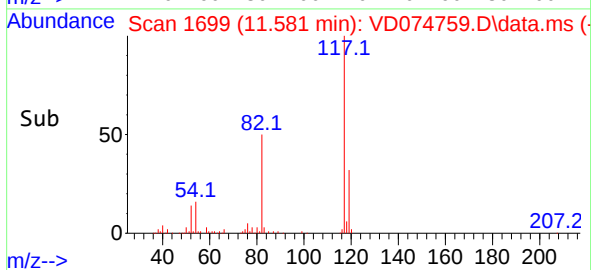
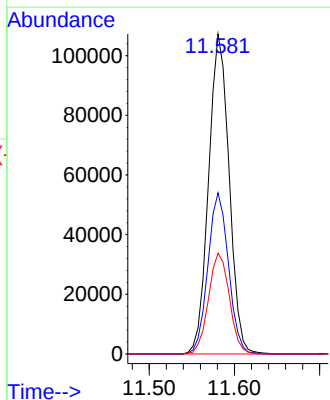
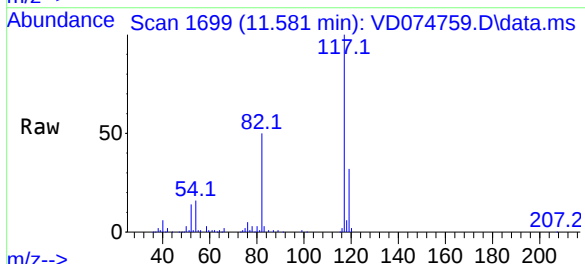
Instrument :
MSVOA_D
ClientSampleId :
SH-1

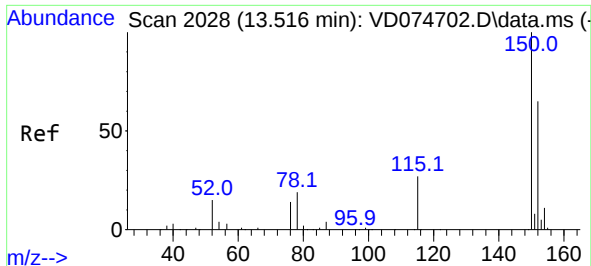
Tgt Ion: 95 Resp: 62824
Ion Ratio Lower Upper
95 100
174 94.3 0.0 197.0
176 91.5 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074759.D
Acq: 07 Nov 2022 14:13

Tgt Ion: 117 Resp: 179477
Ion Ratio Lower Upper
117 100
82 50.3 41.6 62.4
119 31.5 25.2 37.8

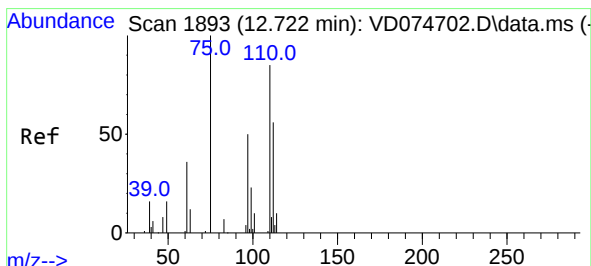
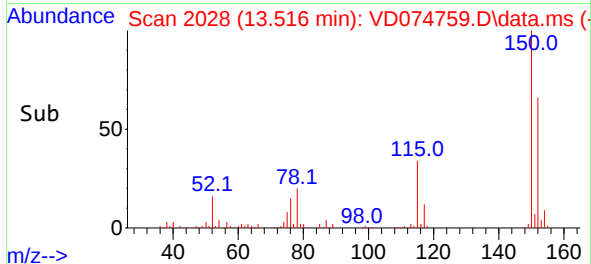
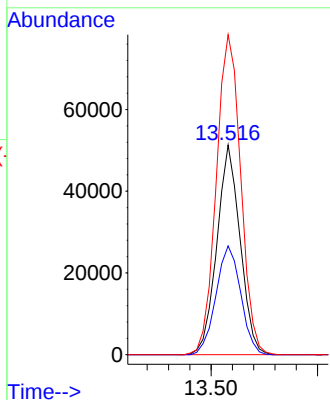
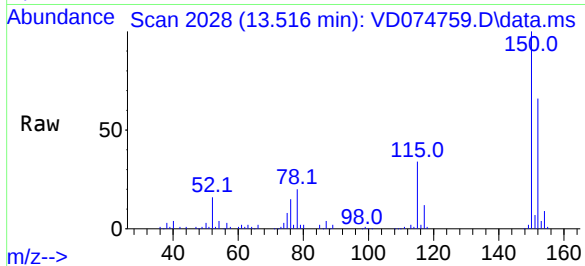




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD074759.D
 Acq: 07 Nov 2022 14:13

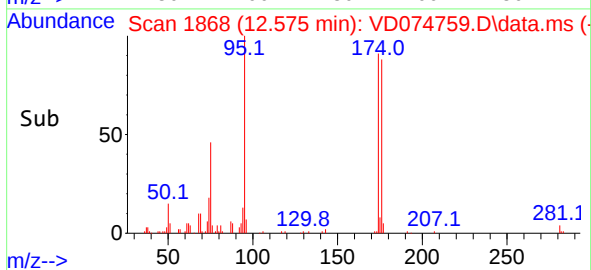
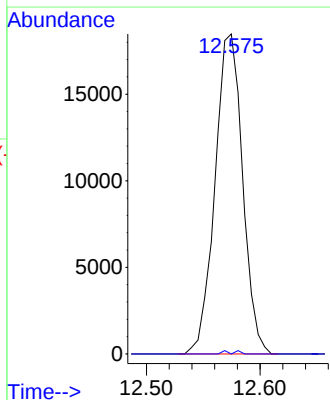
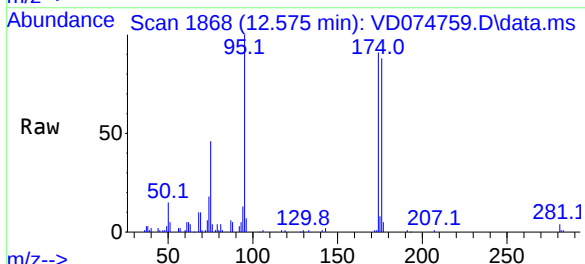
Instrument :
 MSVOA_D
 ClientSampleId :
 SH-1

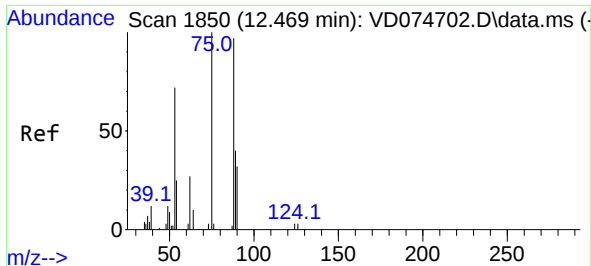
Tgt Ion:152 Resp: 77667
 Ion Ratio Lower Upper
 152 100
 115 55.3 26.8 80.4
 150 160.2 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 51.789 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD074759.D
 Acq: 07 Nov 2022 14:13

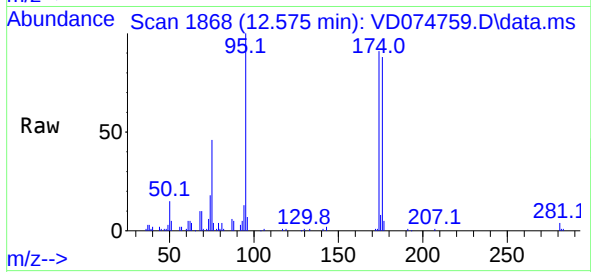
Tgt Ion: 75 Resp: 31181
 Ion Ratio Lower Upper
 75 100
 77 0.4 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 122.934 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD074759.D
Acq: 07 Nov 2022 14:13

Instrument :
MSVOA_D
ClientSampleId :
SH-1



Tgt Ion:	75	Resp:	31181
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

