

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111422\
 Data File : VD074936.D
 Acq On : 14 Nov 2022 15:56
 Operator : VA/SY
 Sample : N5607-13RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-40BRE

Quant Time: Nov 15 00:17:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

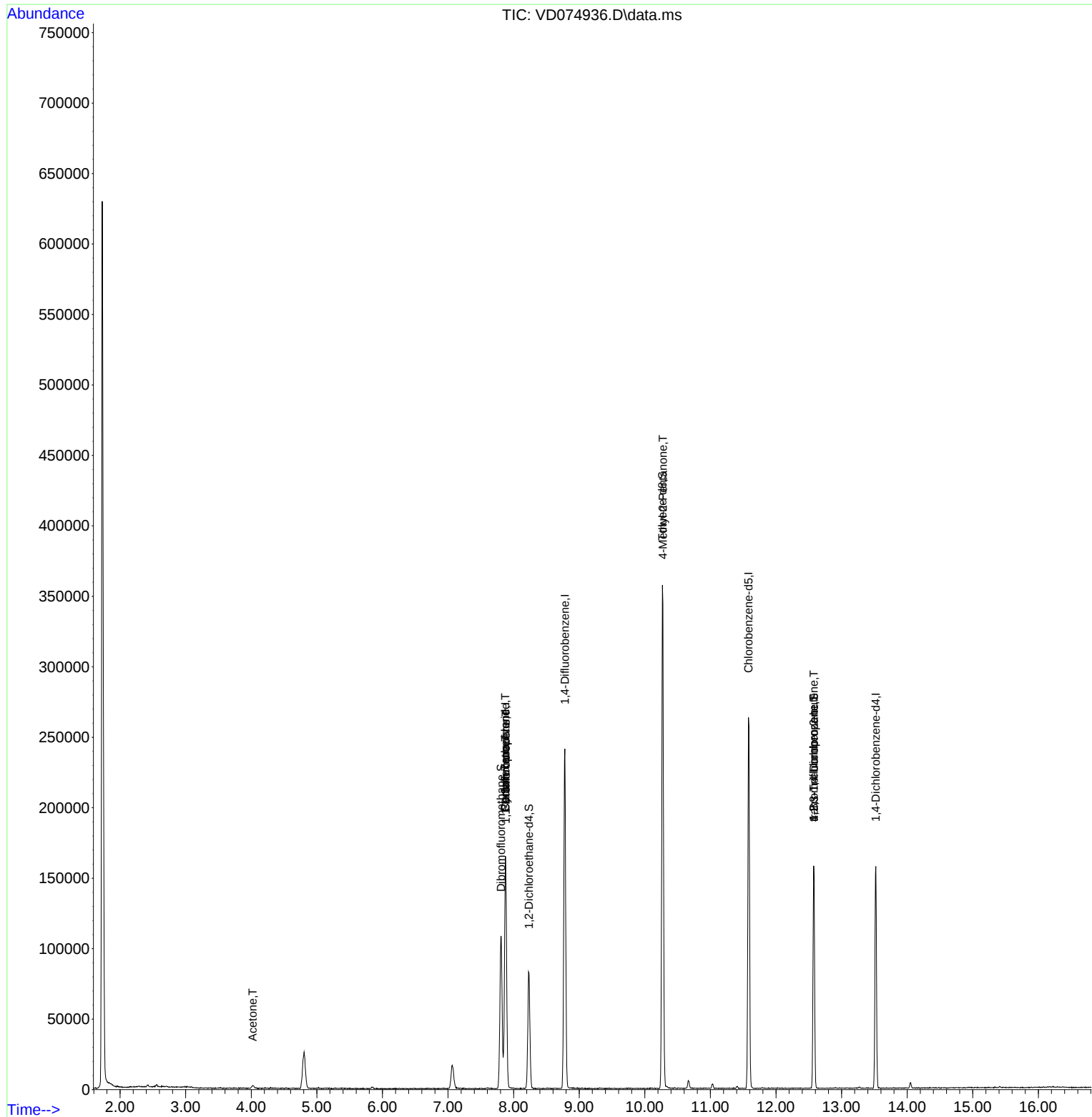
Internal Standards						
1) Pentafluorobenzene	7.875	168	133382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	231106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	169938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	45909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64031	75.238	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.480%	
35) Dibromofluoromethane	7.811	113	80909	56.794	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.580%	
50) Toluene-d8	10.269	98	261560	55.737	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.480%	
62) 4-Bromofluorobenzene	12.575	95	47650	33.068	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 66.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	367	Below Cal	#	37
5) Bromomethane	2.699	94	599	Below Cal		86
11) Tert butyl alcohol	5.058	59	56	Below Cal	#	84
16) Acetone	4.022	43	3300	14.987	ug/l	94
20) Methylene Chloride	4.805	84	21994	Below Cal		91
31) Cyclohexane	7.875	56	2371	1.219	ug/l #	6
36) 1,1-Dichloropropene	7.881	75	9465	4.521	ug/l #	45
38) Carbon Tetrachloride	7.875	117	12980	6.586	ug/l #	17
51) 4-Methyl-2-Pentanone	10.275	43	779	1.321	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	23448	61.065	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	23448	150.222	ug/l #	17

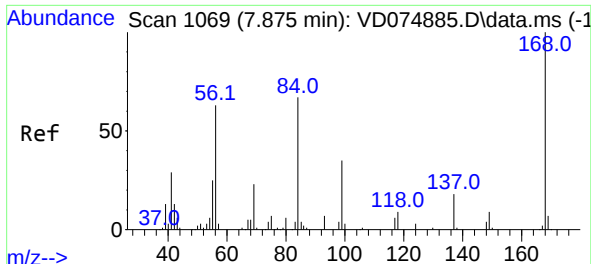
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

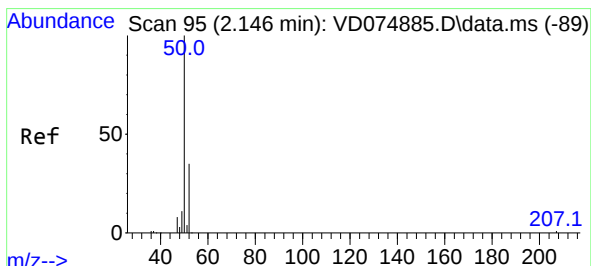
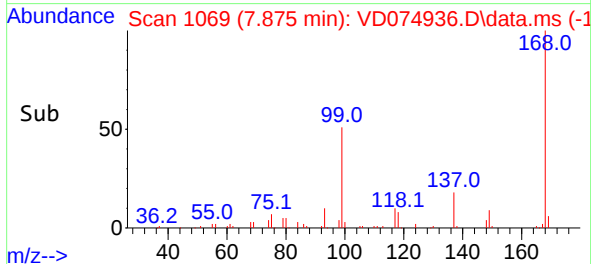
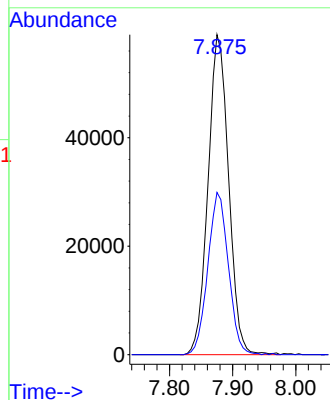
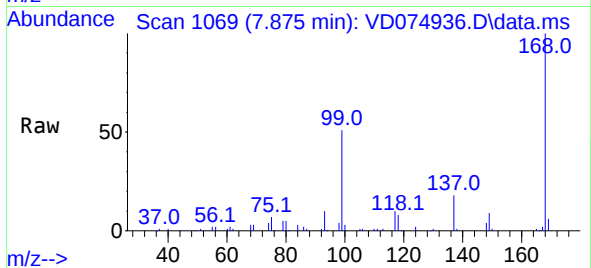




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD074936.D
Acq: 14 Nov 2022 15:56

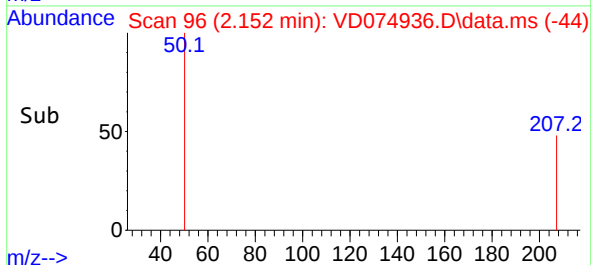
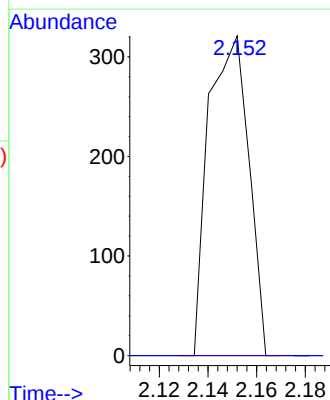
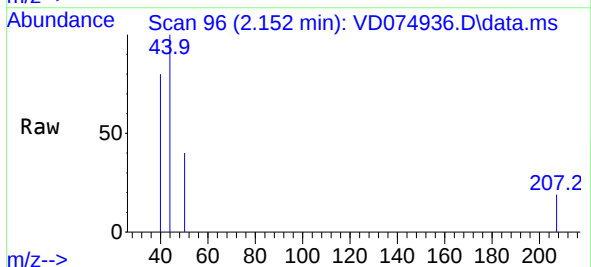
Instrument :
MSVOA_D
ClientSampleId :
SB-40BRE

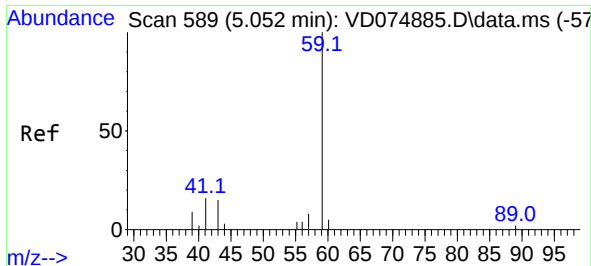
Tgt Ion:168 Resp: 133382
Ion Ratio Lower Upper
168 100
99 50.7 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD074936.D
Acq: 14 Nov 2022 15:56

Tgt Ion: 50 Resp: 367
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

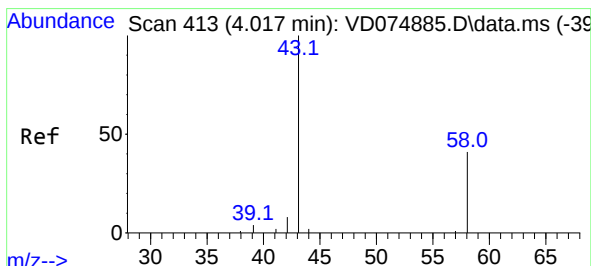
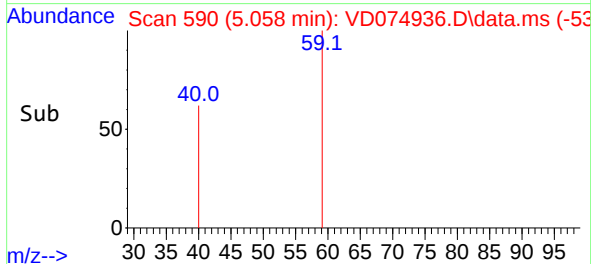
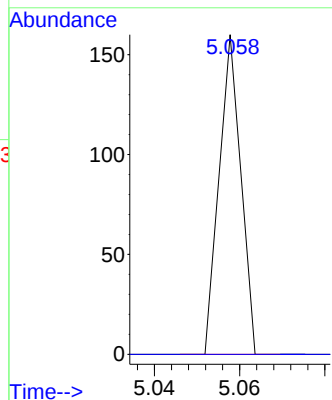
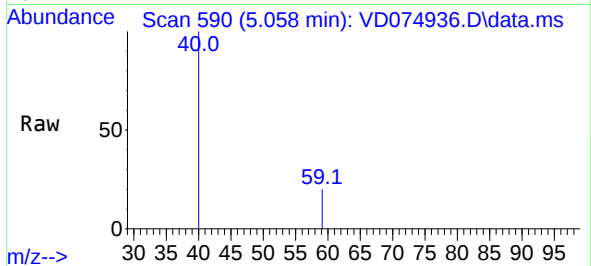




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.058 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD074936.D
Acq: 14 Nov 2022 15:56

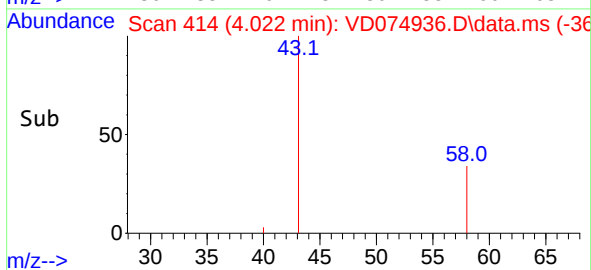
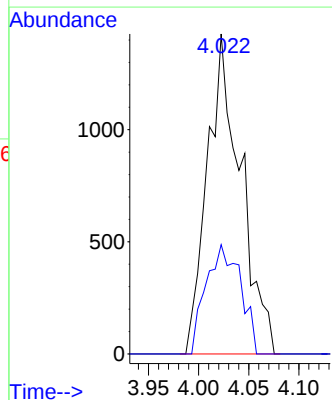
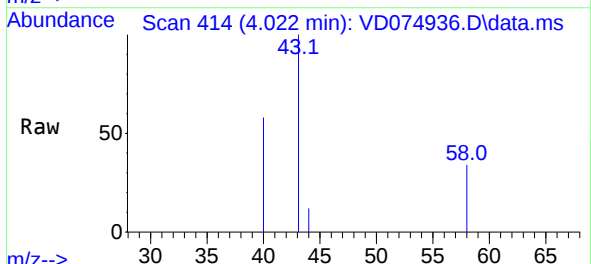
Instrument :
MSVOA_D
ClientSampleId :
SB-40BRE

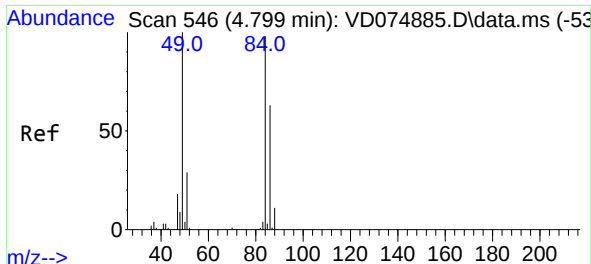
Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 14.987 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD074936.D
Acq: 14 Nov 2022 15:56

Tgt Ion: 43 Resp: 3300
Ion Ratio Lower Upper
43 100
58 34.1 30.2 45.2

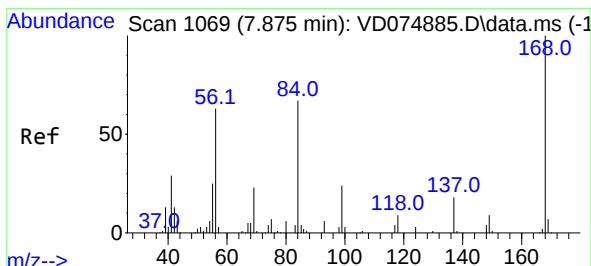
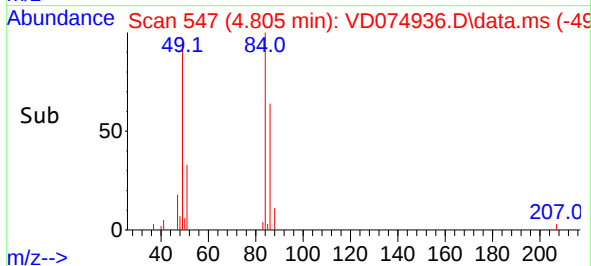
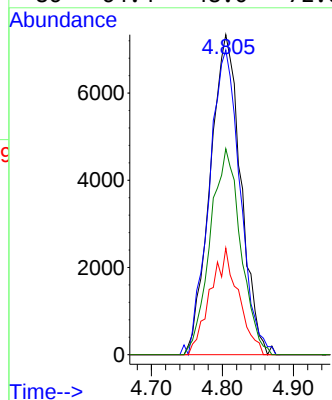
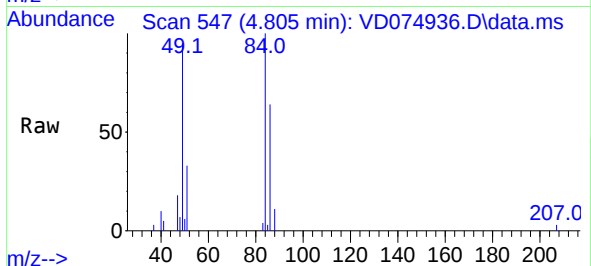




#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD074936.D
Acq: 14 Nov 2022 15:56

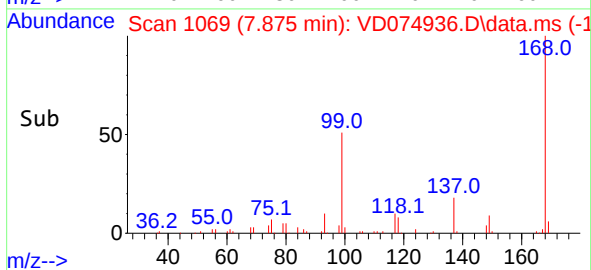
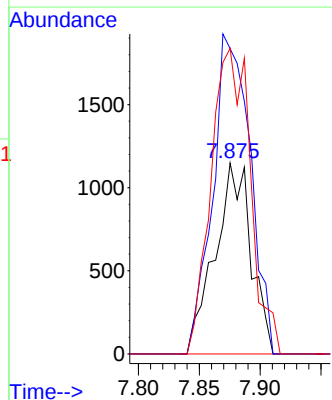
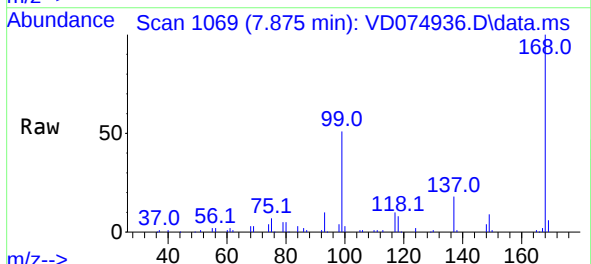
Instrument :
MSVOA_D
ClientSampleId :
SB-40BRE

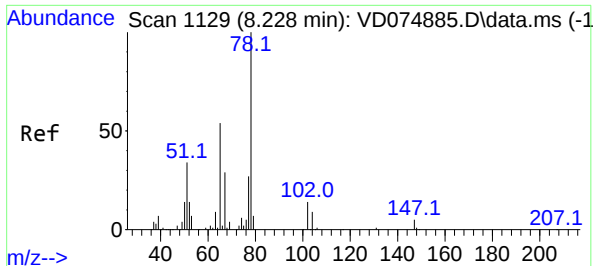
Tgt Ion:	84	Resp:	21994
Ion	Ratio	Lower	Upper
84	100		
49	95.2	68.0	102.0
51	33.3	23.2	34.8
86	64.4	48.0	72.0



#31
Cyclohexane
Concen: 1.219 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074936.D
Acq: 14 Nov 2022 15:56

Tgt Ion:	56	Resp:	2371
Ion	Ratio	Lower	Upper
56	100		
69	159.9	29.2	43.8#
84	160.1	83.4	125.2#





#33

1,2-Dichloroethane-d4

Concen: 75.238 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074936.D

Acq: 14 Nov 2022 15:56

Instrument :

MSVOA_D

ClientSampleId :

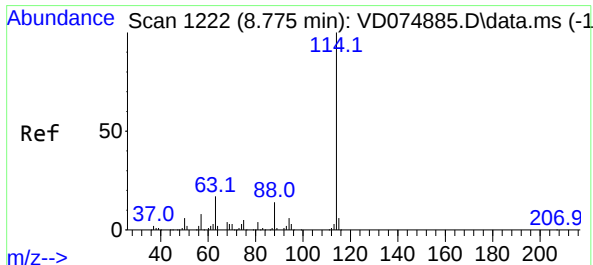
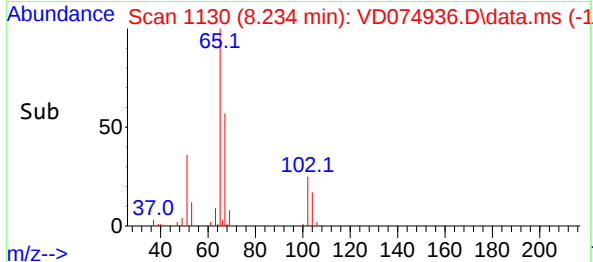
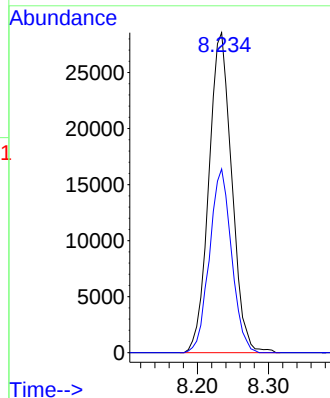
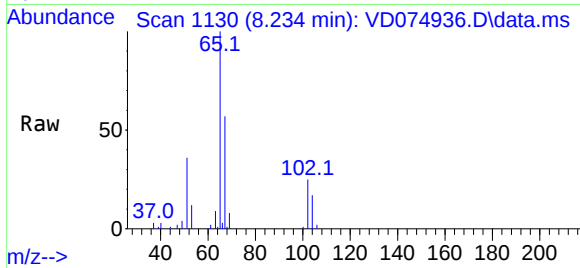
SB-40BRE

Tgt Ion: 65 Resp: 64031

Ion Ratio Lower Upper

65 100

67 55.2 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: VD074936.D

Acq: 14 Nov 2022 15:56

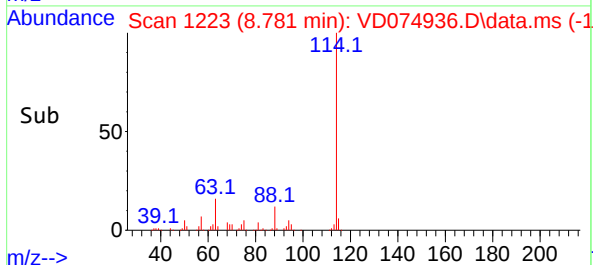
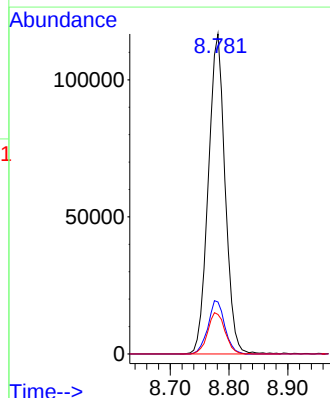
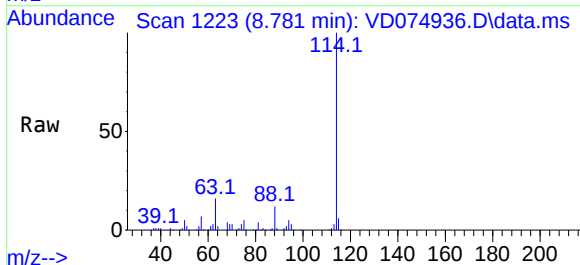
Tgt Ion: 114 Resp: 231106

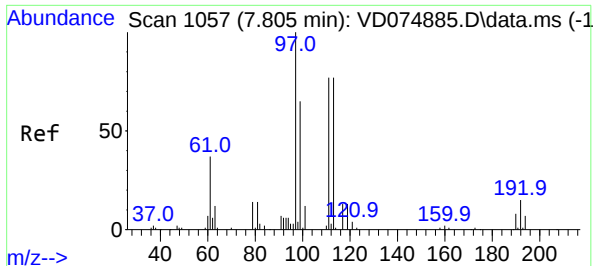
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.2

88 12.4 0.0 28.2





#35

Dibromofluoromethane

Concen: 56.794 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074936.D

Acq: 14 Nov 2022 15:56

Instrument :

MSVOA_D

ClientSampleId :

SB-40BRE

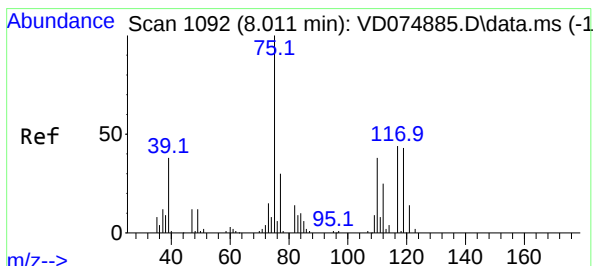
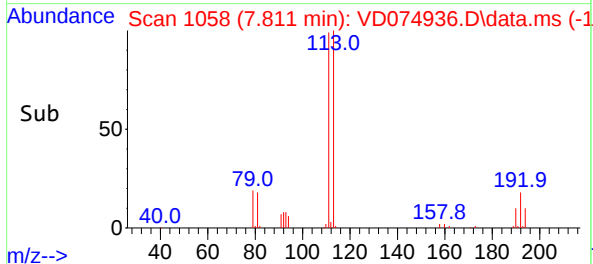
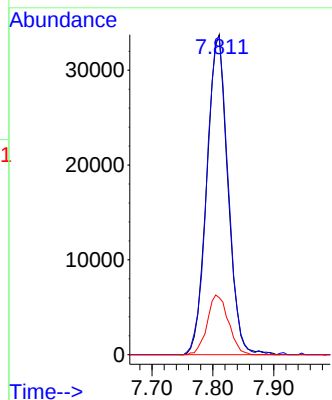
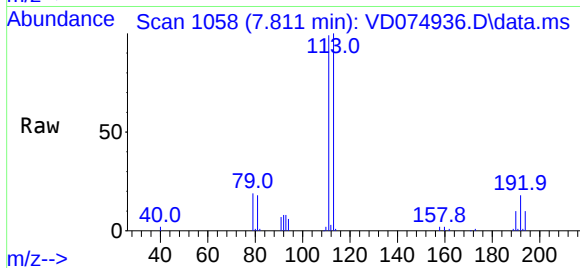
Tgt Ion:113 Resp: 80909

Ion Ratio Lower Upper

113 100

111 100.9 82.3 123.5

192 18.8 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.521 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.130 min

Lab File: VD074936.D

Acq: 14 Nov 2022 15:56

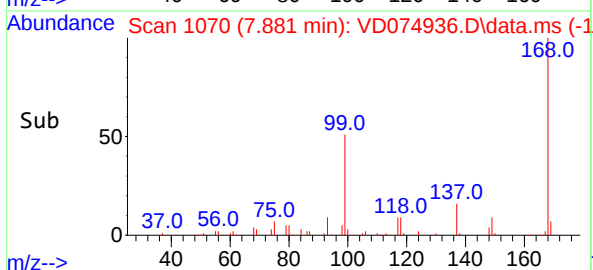
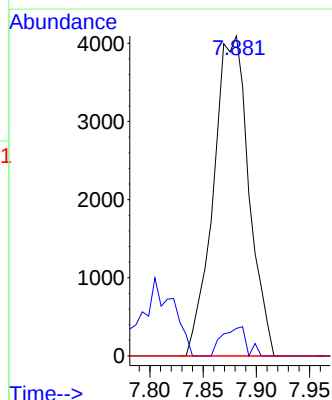
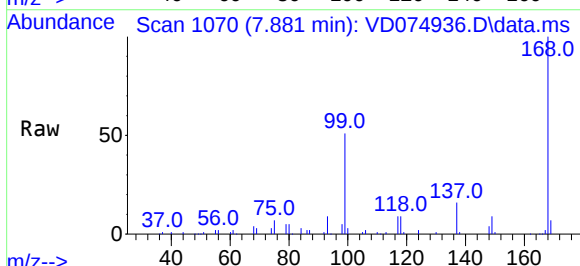
Tgt Ion: 75 Resp: 9465

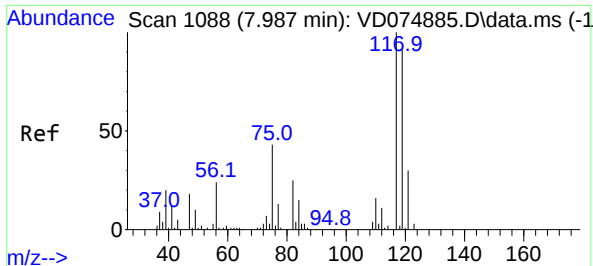
Ion Ratio Lower Upper

75 100

110 6.2 19.7 59.0#

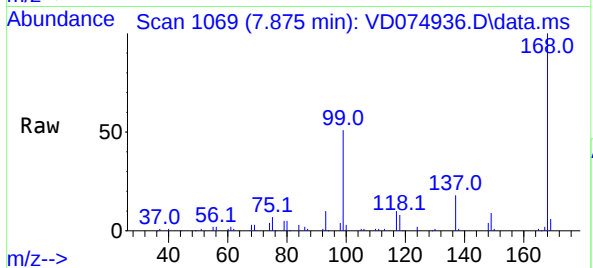
77 0.0 25.4 38.2#



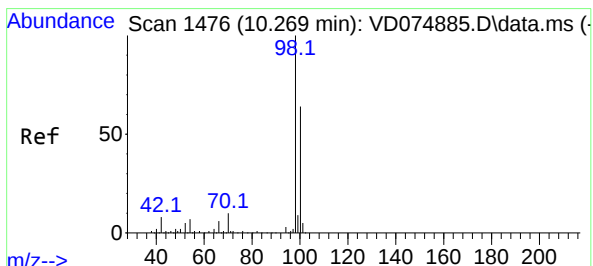
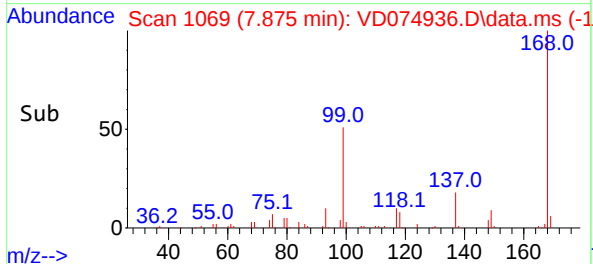
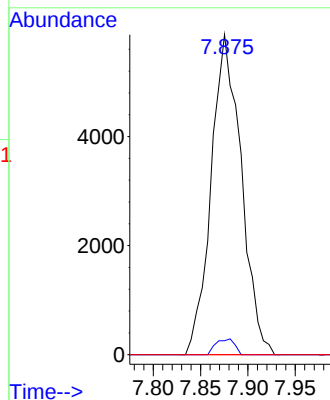


#38
Carbon Tetrachloride
Concen: 6.586 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD074936.D
Acq: 14 Nov 2022 15:56

Instrument :
MSVOA_D
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SB-40BRE

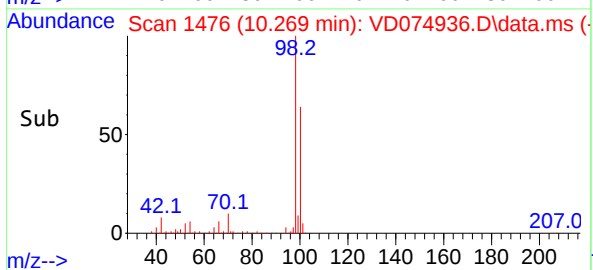
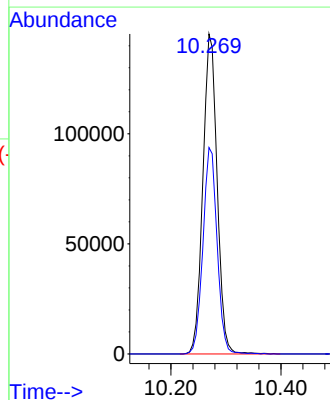
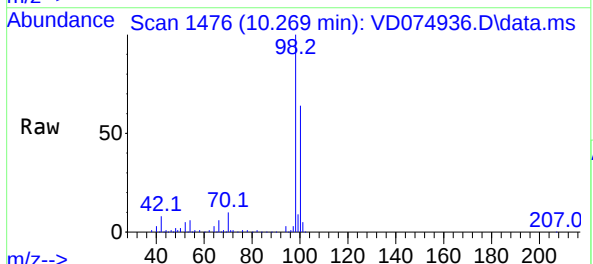


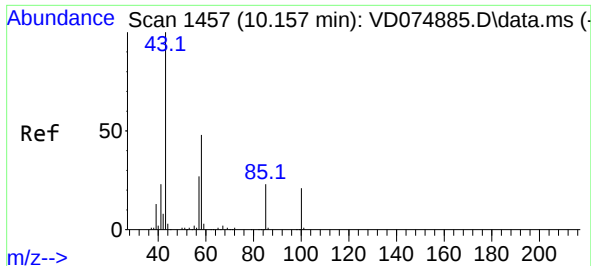
Tgt Ion:117 Resp: 12980
Ion Ratio Lower Upper
117 100
119 4.3 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 55.737 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074936.D
Acq: 14 Nov 2022 15:56

Tgt Ion: 98 Resp: 261560
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 1.321 ug/l

RT: 10.275 min Scan# 1457

Delta R.T. 0.118 min

Lab File: VD074936.D

Acq: 14 Nov 2022 15:56

Instrument :

MSVOA_D

ClientSampleId :

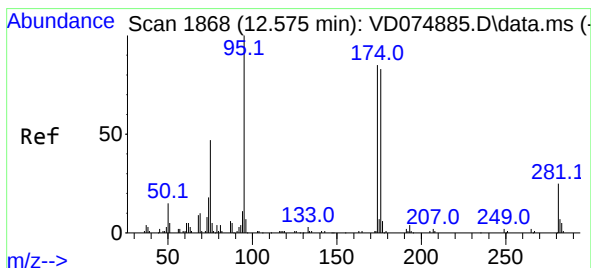
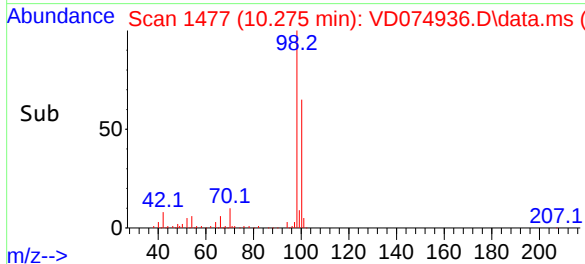
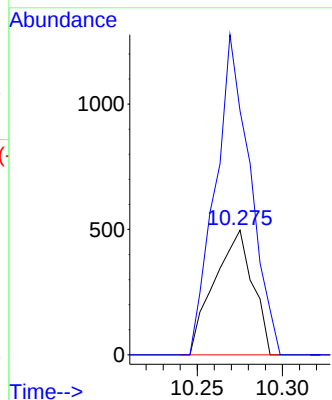
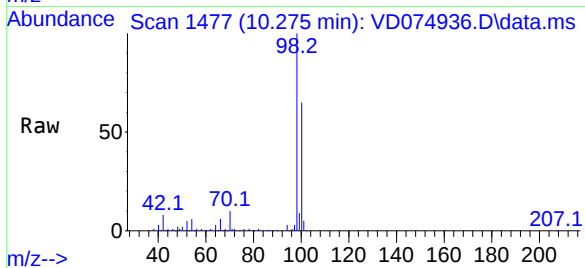
SB-40BRE

Tgt Ion: 43 Resp: 779

Ion Ratio Lower Upper

43 100

58 232.5 37.8 56.6#



#62

4-Bromofluorobenzene

Concen: 33.068 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD074936.D

Acq: 14 Nov 2022 15:56

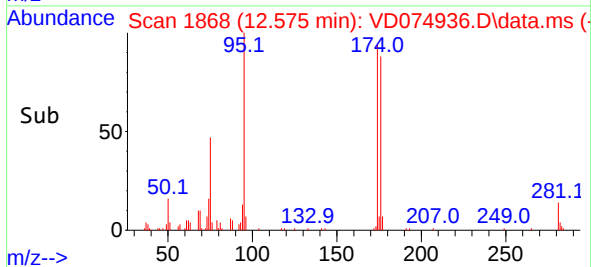
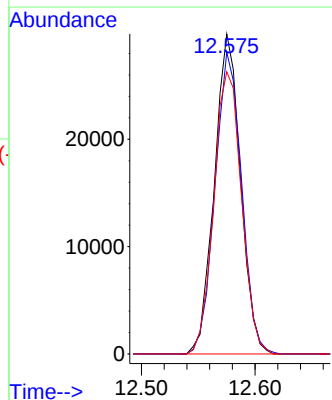
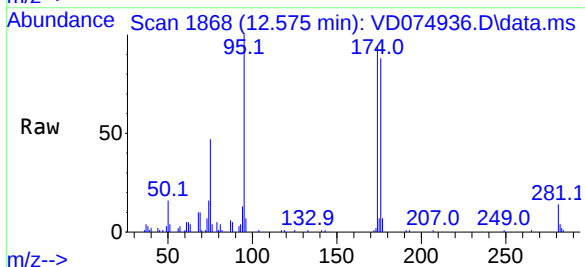
Tgt Ion: 95 Resp: 47650

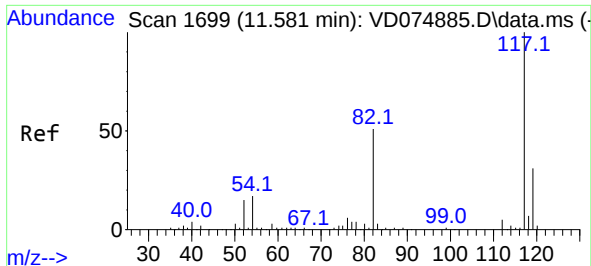
Ion Ratio Lower Upper

95 100

174 96.1 0.0 197.0

176 93.1 0.0 182.6

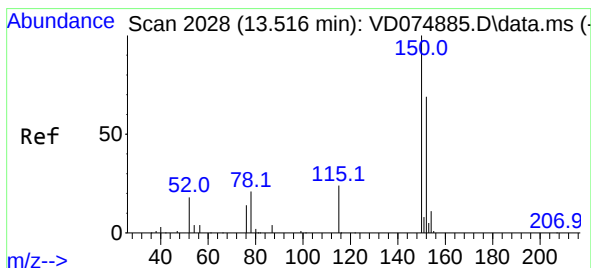
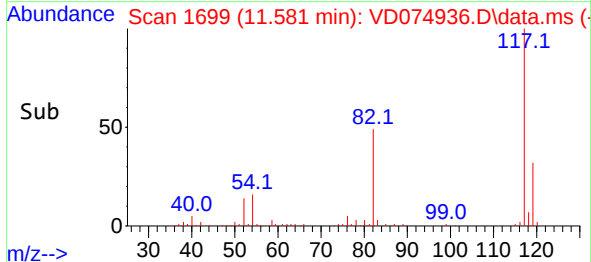
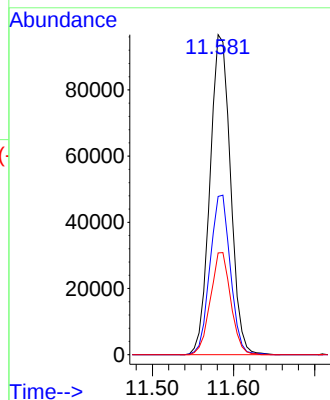
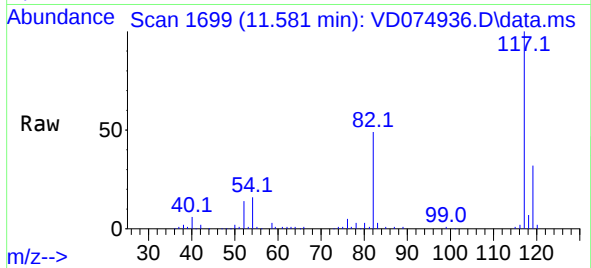




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074936.D
Acq: 14 Nov 2022 15:56

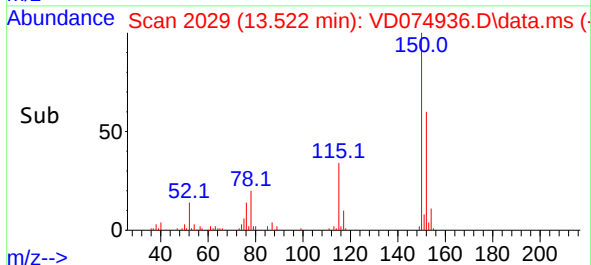
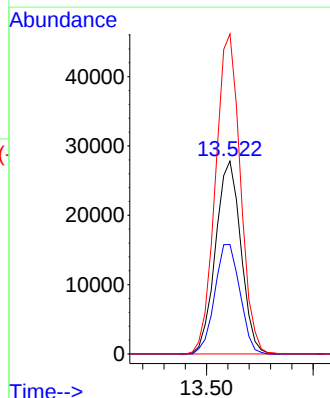
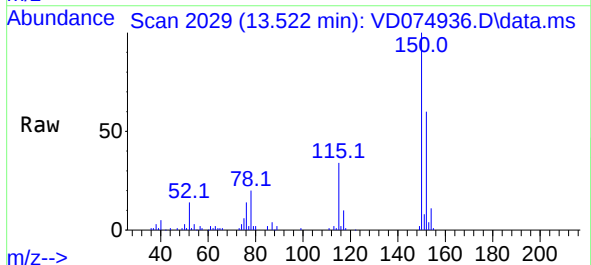
Instrument :
MSVOA_D
ClientSampleId :
SB-40BRE

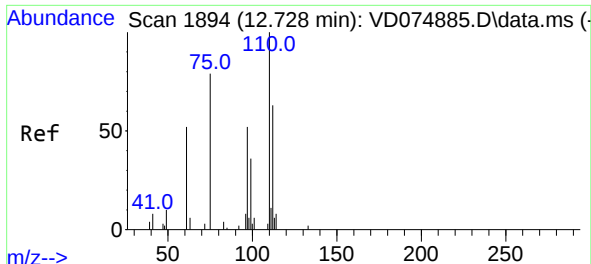
Tgt Ion:117 Resp: 169938
Ion Ratio Lower Upper
117 100
82 49.5 41.6 62.4
119 31.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074936.D
Acq: 14 Nov 2022 15:56

Tgt Ion:152 Resp: 45909
Ion Ratio Lower Upper
152 100
115 56.5 26.8 80.4
150 162.9 0.0 348.2

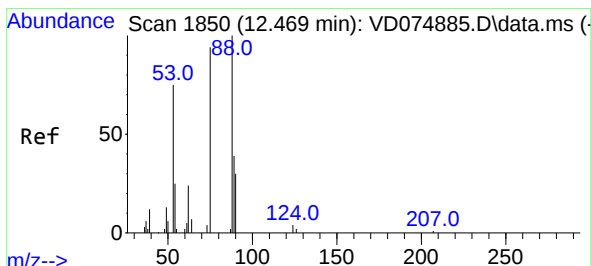
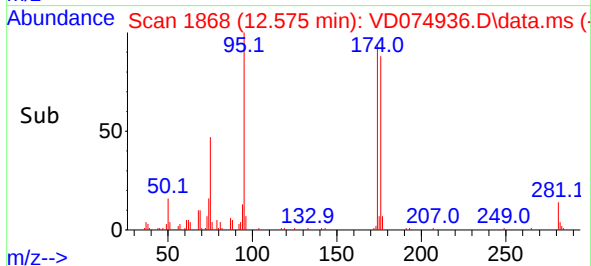
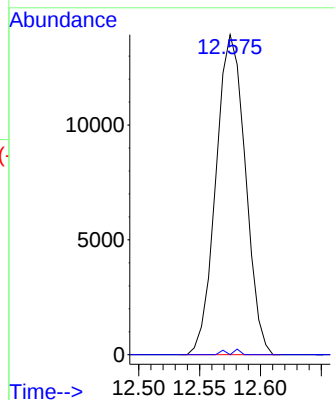
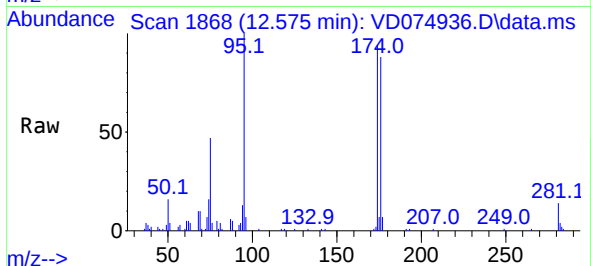




#76
1,2,3-Trichloropropane
Concen: 61.065 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074936.D
Acq: 14 Nov 2022 15:56

Instrument :
MSVOA_D
ClientSampleId :
SB-40BRE

Tgt Ion: 75 Resp: 23448
Ion Ratio Lower Upper
75 100
77 0.3 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 150.222 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074936.D
Acq: 14 Nov 2022 15:56

Tgt Ion: 75 Resp: 23448
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

