

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
 Data File : VD074739.D
 Acq On : 04 Nov 2022 15:45
 Operator : VA/SY
 Sample : N5335-03
 Misc : 6.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3

Quant Time: Nov 07 00:27:36 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

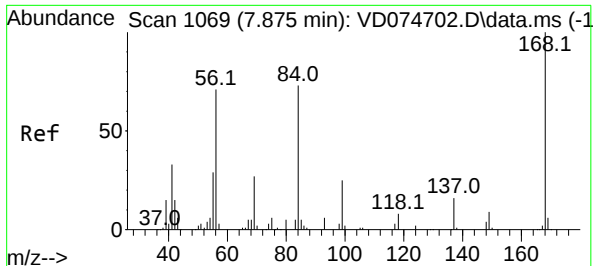
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	162774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	253750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	106310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72088	55.917	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.840%	
35) Dibromofluoromethane	7.805	113	101468	67.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 135.200%	
50) Toluene-d8	10.269	98	317752	58.033	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.060%	
62) 4-Bromofluorobenzene	12.575	95	96389	60.971	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.940%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.169	142	443	5.733	ug/l #	43
11) Tert butyl alcohol	5.028	59	900	Below Cal	#	84
16) Acetone	4.028	43	589	2.189	ug/l #	37
20) Methylene Chloride	4.799	84	16100	Below Cal		98
25) 2-Butanone	7.087	43	909	2.457	ug/l #	42
31) Cyclohexane	7.881	56	2946	1.129	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	11149	4.893	ug/l #	47
37) Ethyl Acetate	7.087	43	909	1.196	ug/l #	66
38) Carbon Tetrachloride	7.875	117	15397	7.133	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	901	1.314	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	48067	58.325	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	48067	138.450	ug/l #	17

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

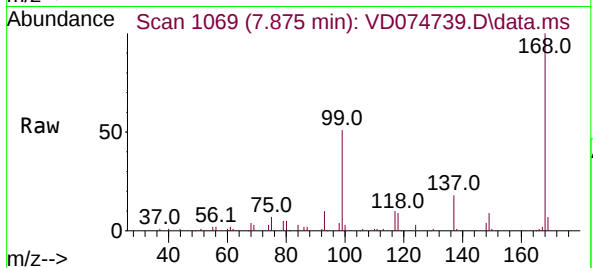
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration



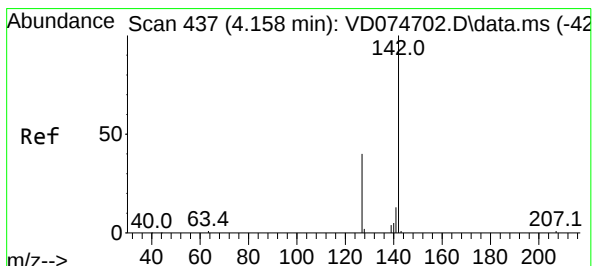
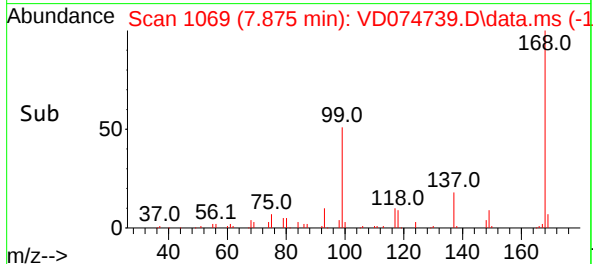
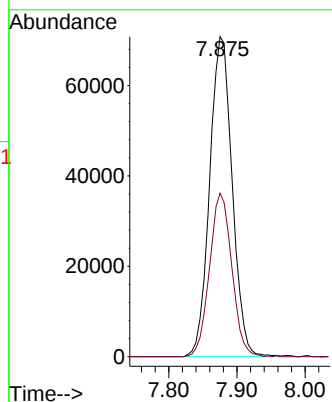


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

Instrument :
MSVOA_D
ClientSampleId :
SB-3

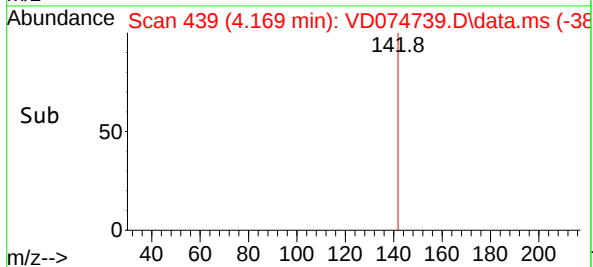
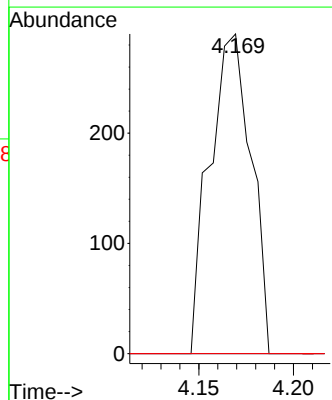
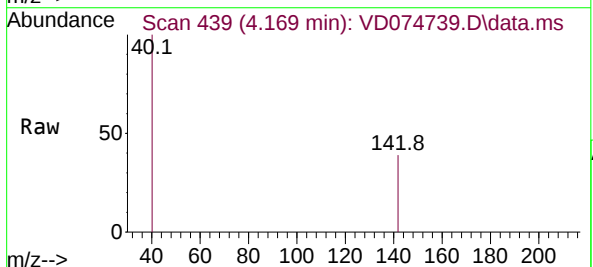


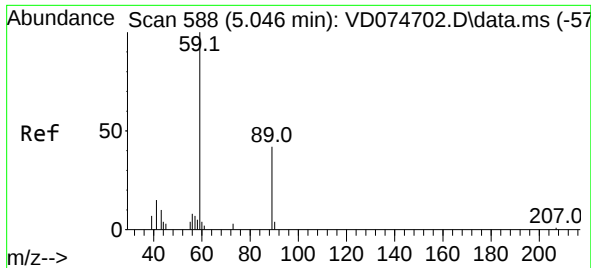
Tgt Ion:168 Resp: 162774
Ion Ratio Lower Upper
168 100
99 51.1 40.9 61.3



#10
Methyl Iodide
Concen: 5.733 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

Tgt Ion:142 Resp: 443
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

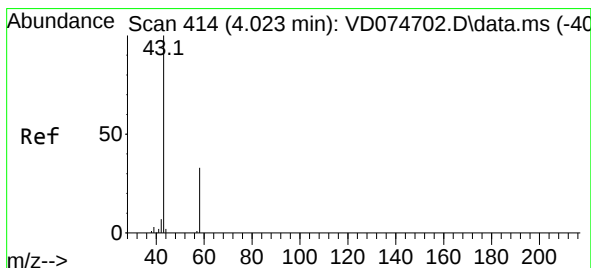
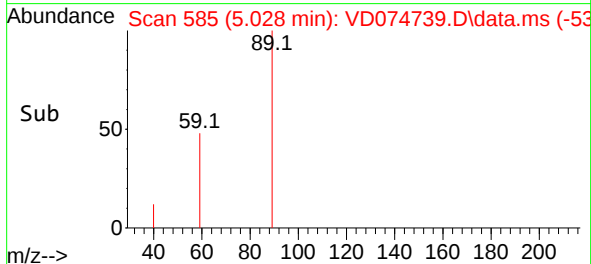
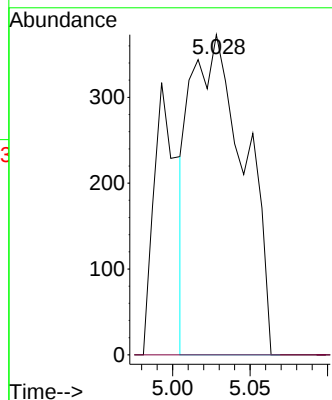
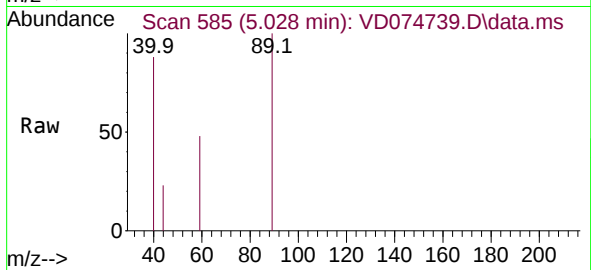




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.028 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

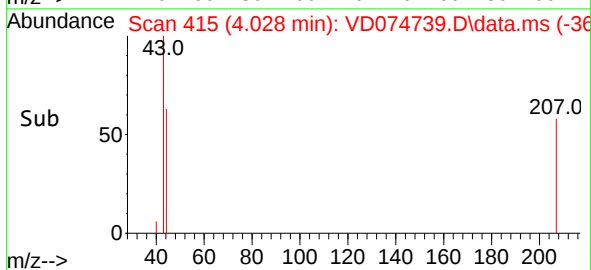
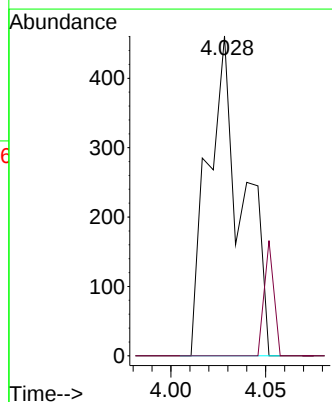
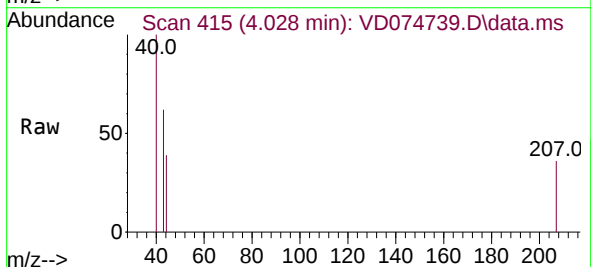
Instrument :
MSVOA_D
ClientSampleId :
SB-3

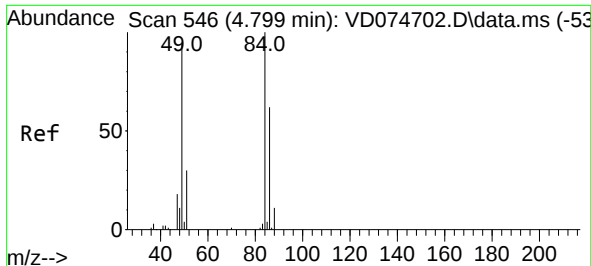
Tgt Ion: 59 Resp: 900
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 2.189 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.005 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

Tgt Ion: 43 Resp: 589
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#

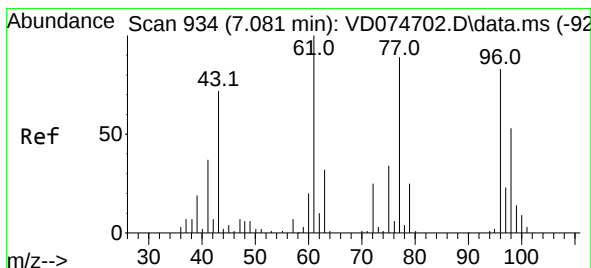
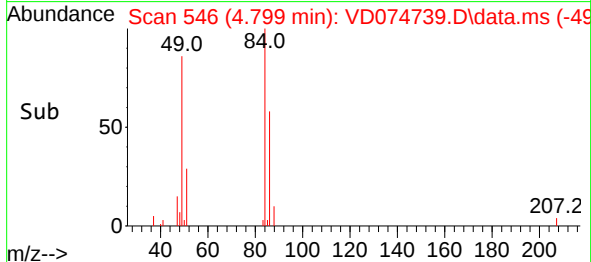
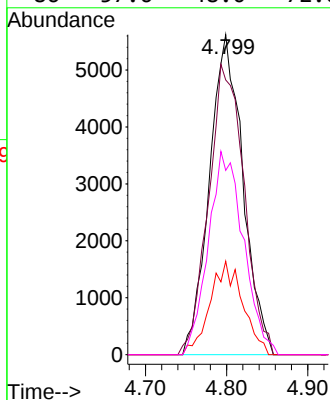
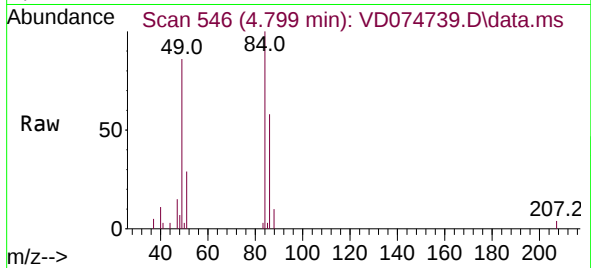




#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

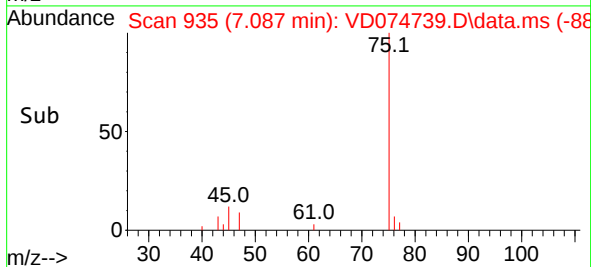
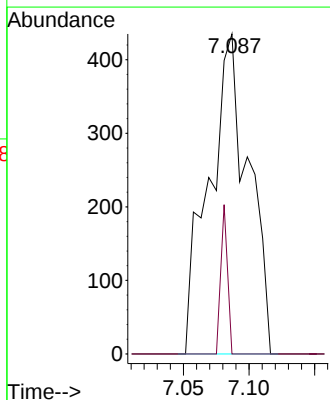
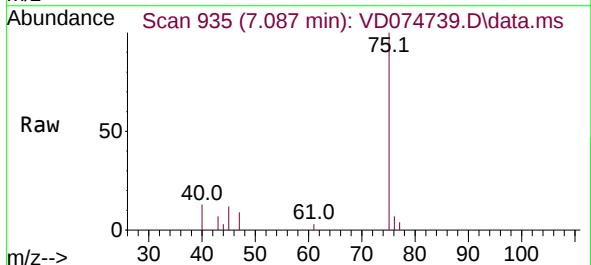
Instrument :
MSVOA_D
ClientSampleId :
SB-3

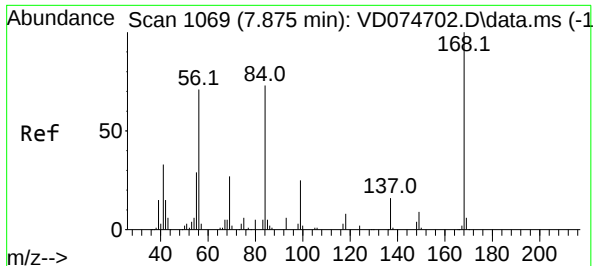
Tgt Ion:	84	Resp:	16100
Ion	Ratio	Lower	Upper
84	100		
49	85.9	68.0	102.0
51	29.2	23.2	34.8
86	57.6	48.0	72.0



#25
2-Butanone
Concen: 2.457 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

Tgt Ion:	43	Resp:	909
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#

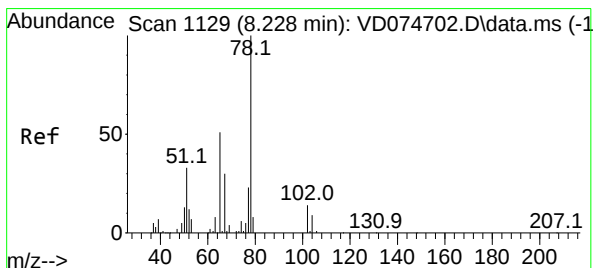
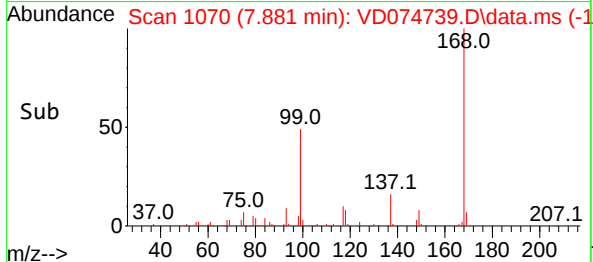
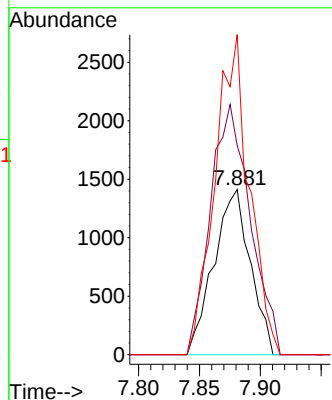
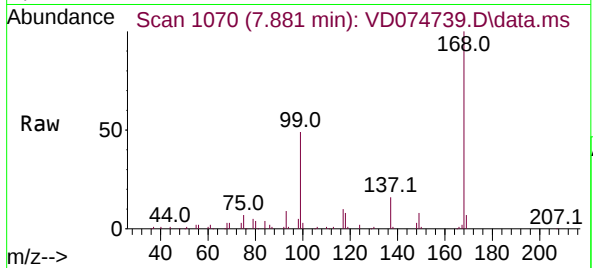




#31
Cyclohexane
Concen: 1.129 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

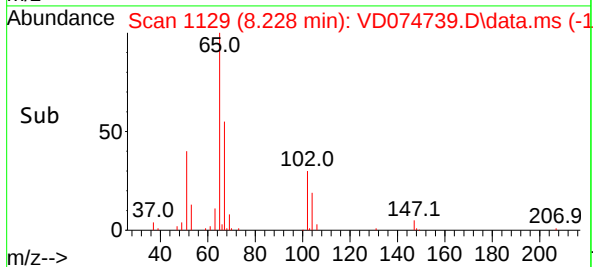
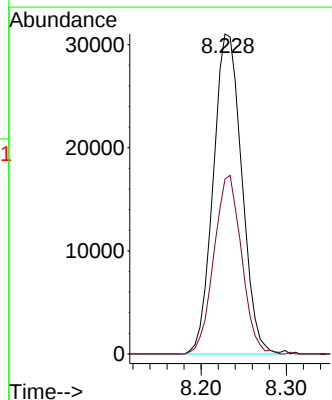
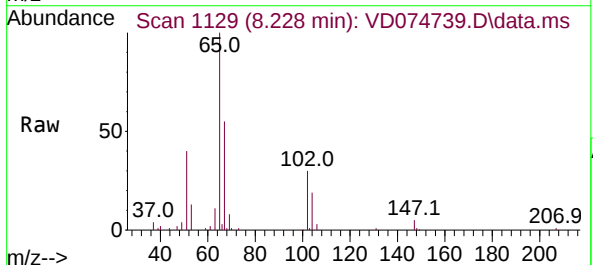
Instrument :
MSVOA_D
ClientSampleId :
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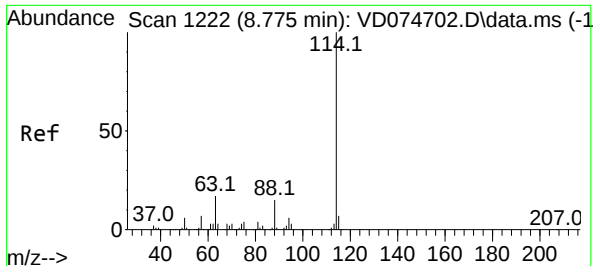
Tgt Ion: 56 Resp: 2946
Ion Ratio Lower Upper
56 100
69 126.7 29.2 43.8#
84 193.8 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 55.917 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

Tgt Ion: 65 Resp: 72088
Ion Ratio Lower Upper
65 100
67 54.1 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: VD074739.D

Acq: 04 Nov 2022 15:45

Instrument :

MSVOA_D

ClientSampleId :

SB-3

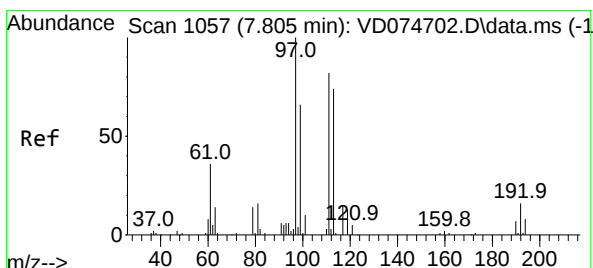
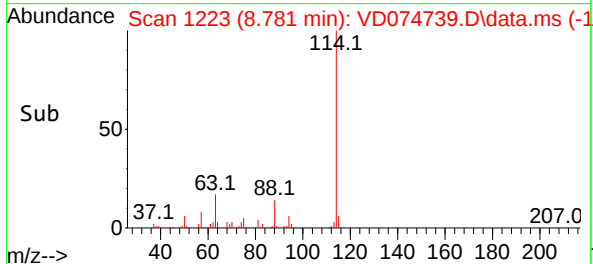
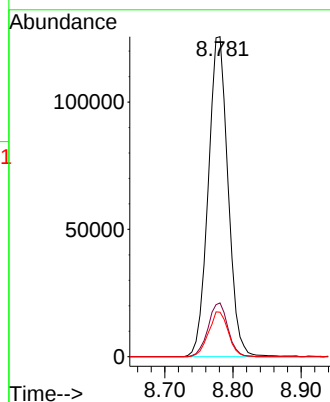
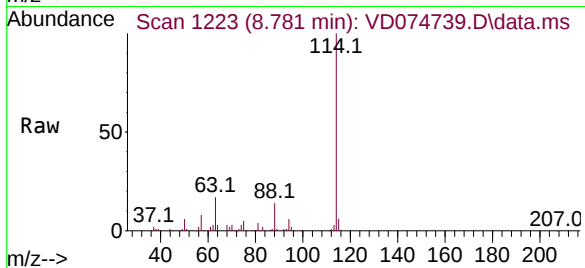
Tgt Ion:114 Resp: 253750

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.2

88 13.9 0.0 28.2



#35

Dibromofluoromethane

Concen: 67.599 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074739.D

Acq: 04 Nov 2022 15:45

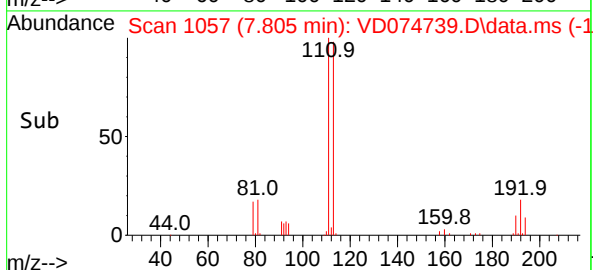
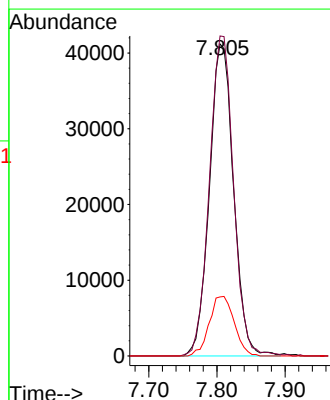
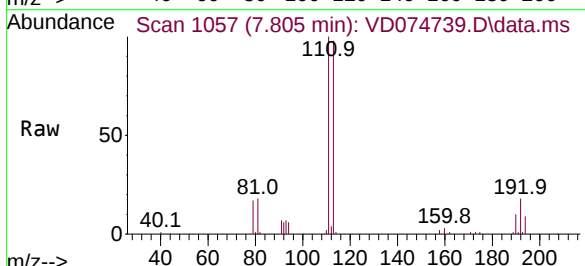
Tgt Ion:113 Resp: 101468

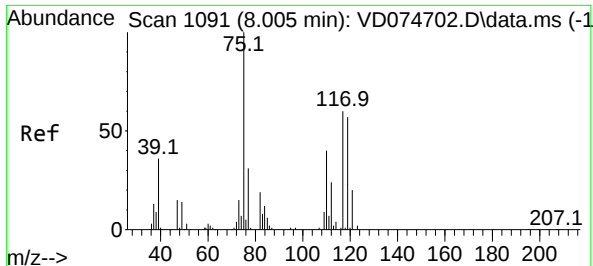
Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

192 19.7 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.893 ug/l

RT: 7.875 min Scan# 11149

Delta R.T. -0.130 min

Lab File: VD074739.D

Acq: 04 Nov 2022 15:45

Instrument :

MSVOA_D

ClientSampleId :

SB-3

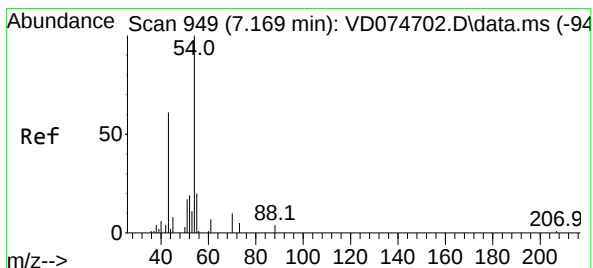
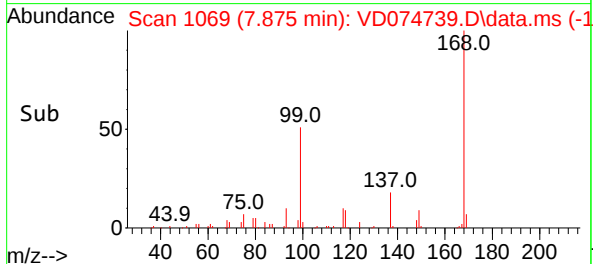
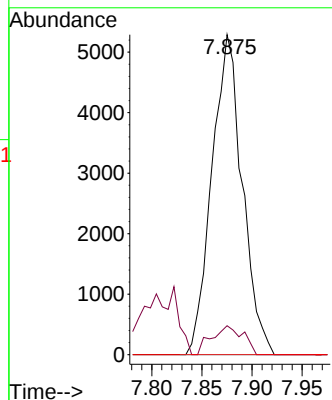
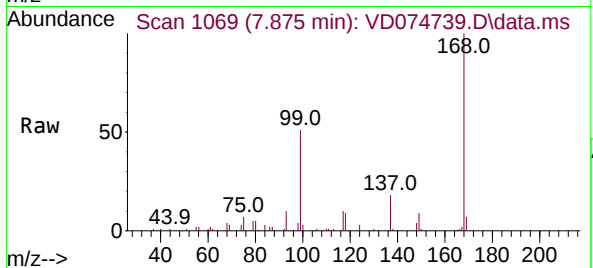
Tgt Ion: 75 Resp: 11149

Ion Ratio Lower Upper

75 100

110 9.3 19.7 59.0#

77 0.0 25.4 38.2#



#37

Ethyl Acetate

Concen: 1.196 ug/l

RT: 7.087 min Scan# 935

Delta R.T. -0.082 min

Lab File: VD074739.D

Acq: 04 Nov 2022 15:45

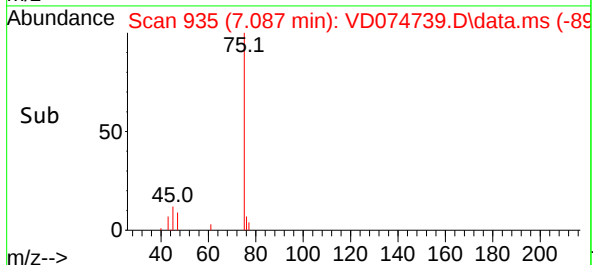
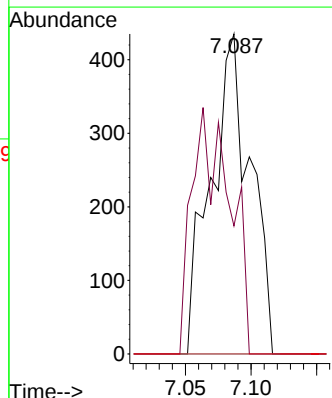
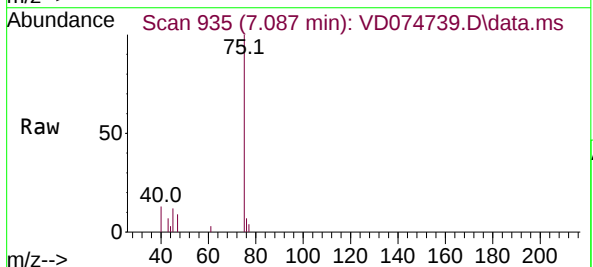
Tgt Ion: 43 Resp: 909

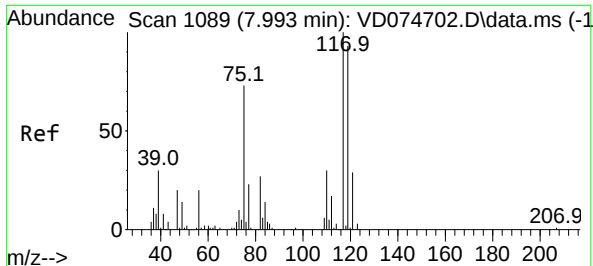
Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 0.0 9.6 14.4#

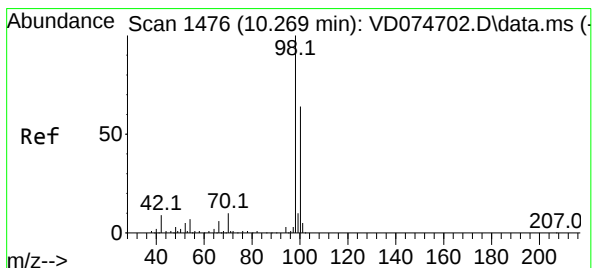
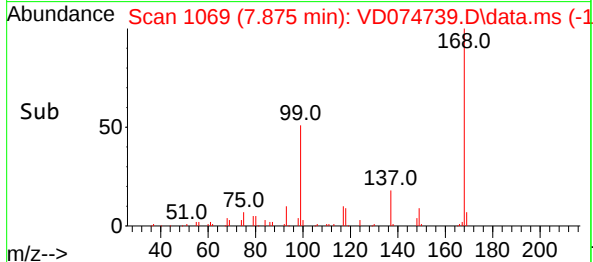
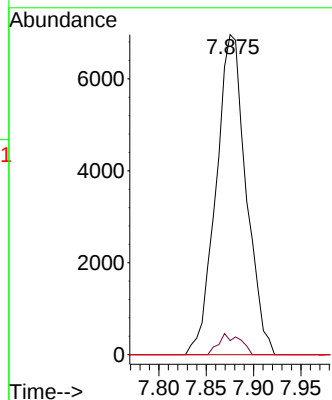
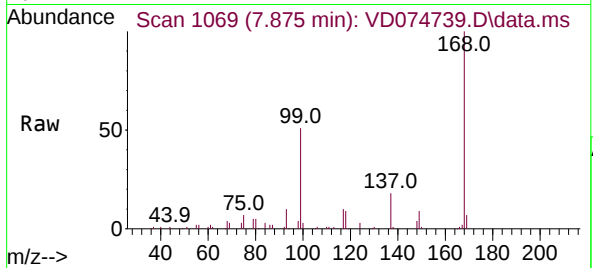




#38
Carbon Tetrachloride
Concen: 7.133 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

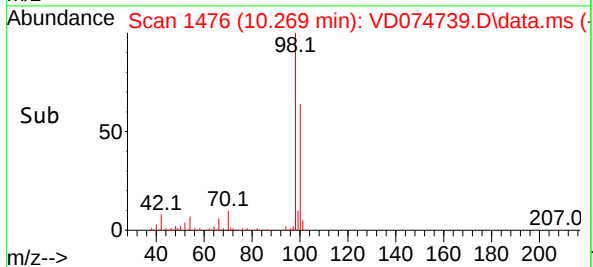
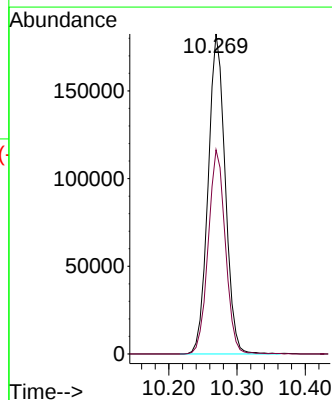
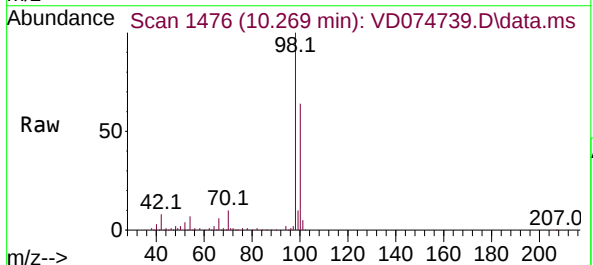
Instrument :
MSVOA_D
ClientSampleId :
SB-3

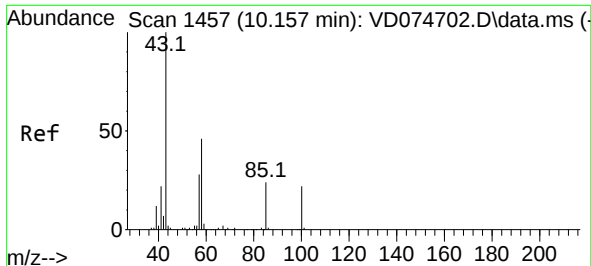
Tgt Ion:117 Resp: 15397
Ion Ratio Lower Upper
117 100
119 4.4 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 58.033 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

Tgt Ion: 98 Resp: 317752
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0

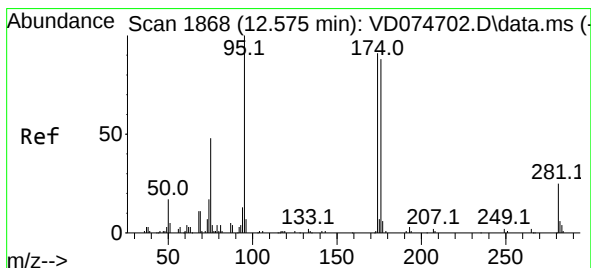
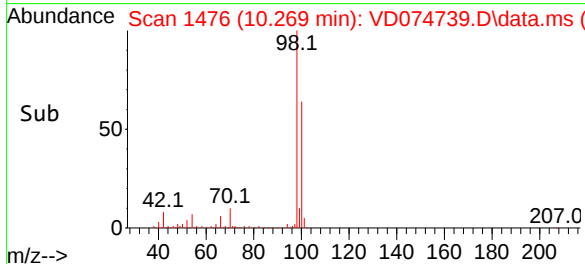
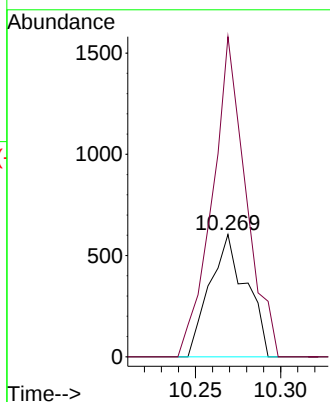
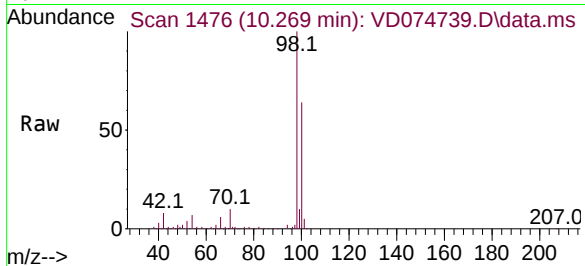




#51
4-Methyl-2-Pentanone
Concen: 1.314 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

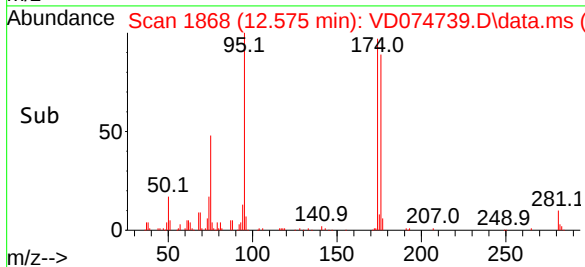
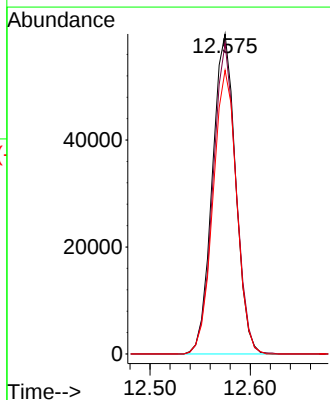
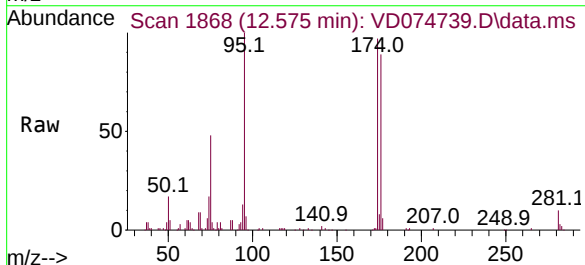
Instrument :
MSVOA_D
ClientSampleId :
SB-3

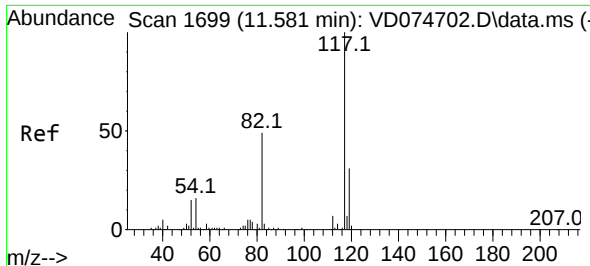
Tgt Ion: 43 Resp: 901
Ion Ratio Lower Upper
43 100
58 241.0 37.8 56.6#



#62
4-Bromofluorobenzene
Concen: 60.971 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

Tgt Ion: 95 Resp: 96389
Ion Ratio Lower Upper
95 100
174 95.7 0.0 197.0
176 89.8 0.0 182.6

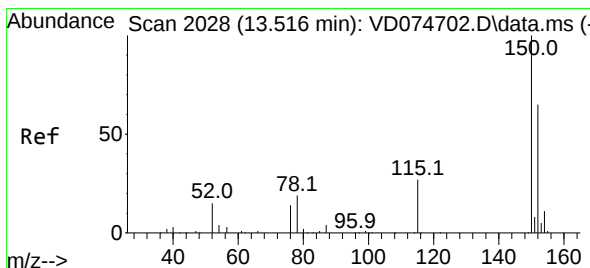
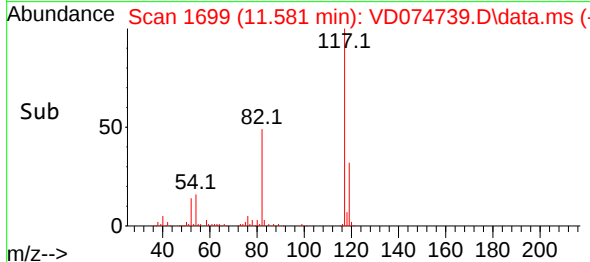
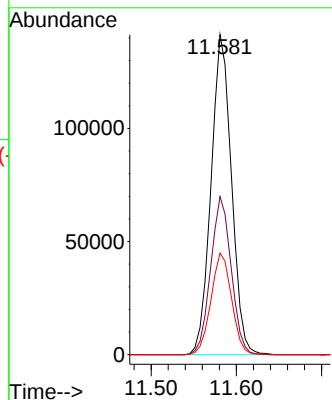
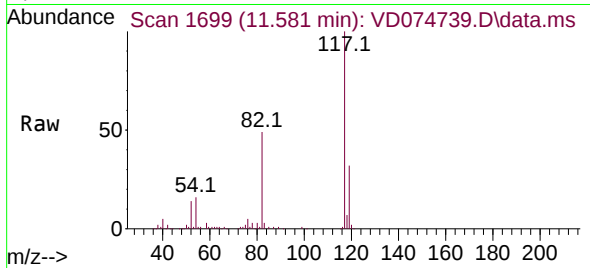




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

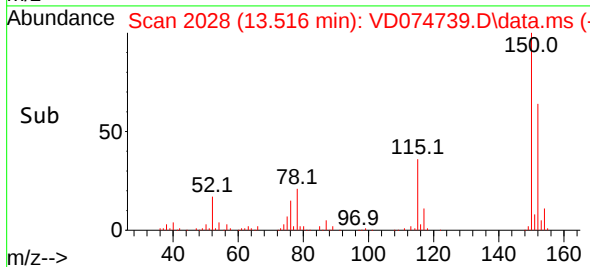
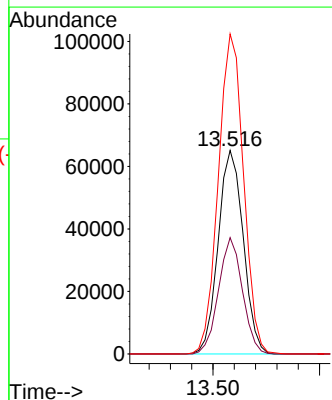
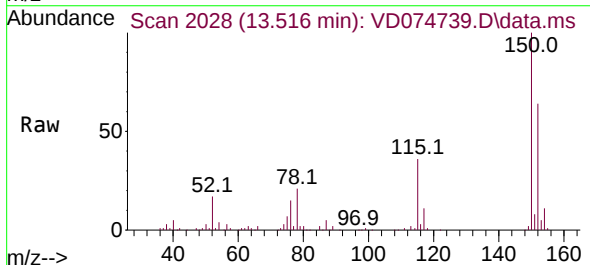
Instrument :
MSVOA_D
ClientSampleId :
SB-3

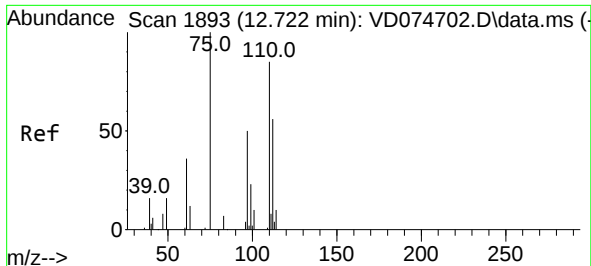
Tgt Ion:117 Resp: 235564
Ion Ratio Lower Upper
117 100
82 49.4 41.6 62.4
119 31.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

Tgt Ion:152 Resp: 106310
Ion Ratio Lower Upper
152 100
115 54.3 26.8 80.4
150 158.2 0.0 348.2

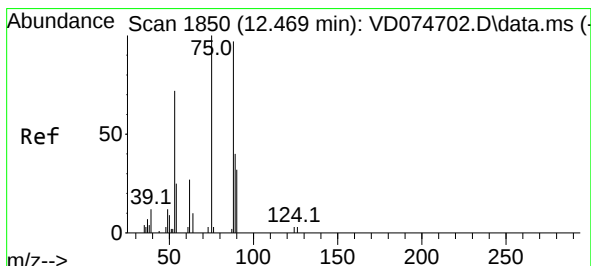
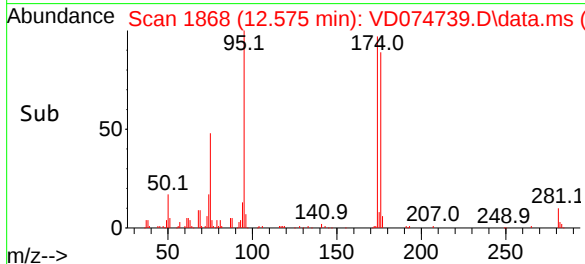
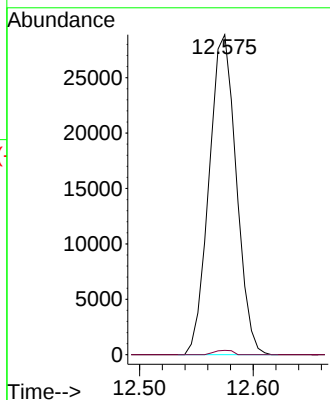
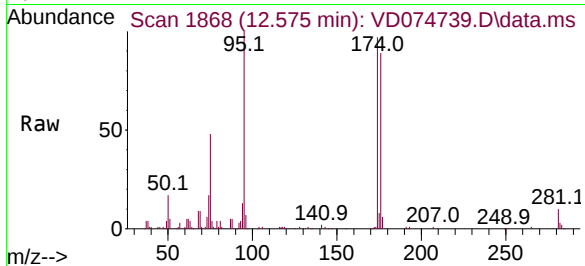




#76
1,2,3-Trichloropropane
Concen: 58.325 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

Instrument :
MSVOA_D
ClientSampleId :
SB-3

Tgt Ion: 75 Resp: 48067
Ion Ratio Lower Upper
75 100
77 0.9 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.450 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074739.D
Acq: 04 Nov 2022 15:45

Tgt Ion: 75 Resp: 48067
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

