

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
 Data File : VD074740.D
 Acq On : 04 Nov 2022 16:13
 Operator : VA/SY
 Sample : N5335-04
 Misc : 5.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4

Quant Time: Nov 07 00:27:53 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)

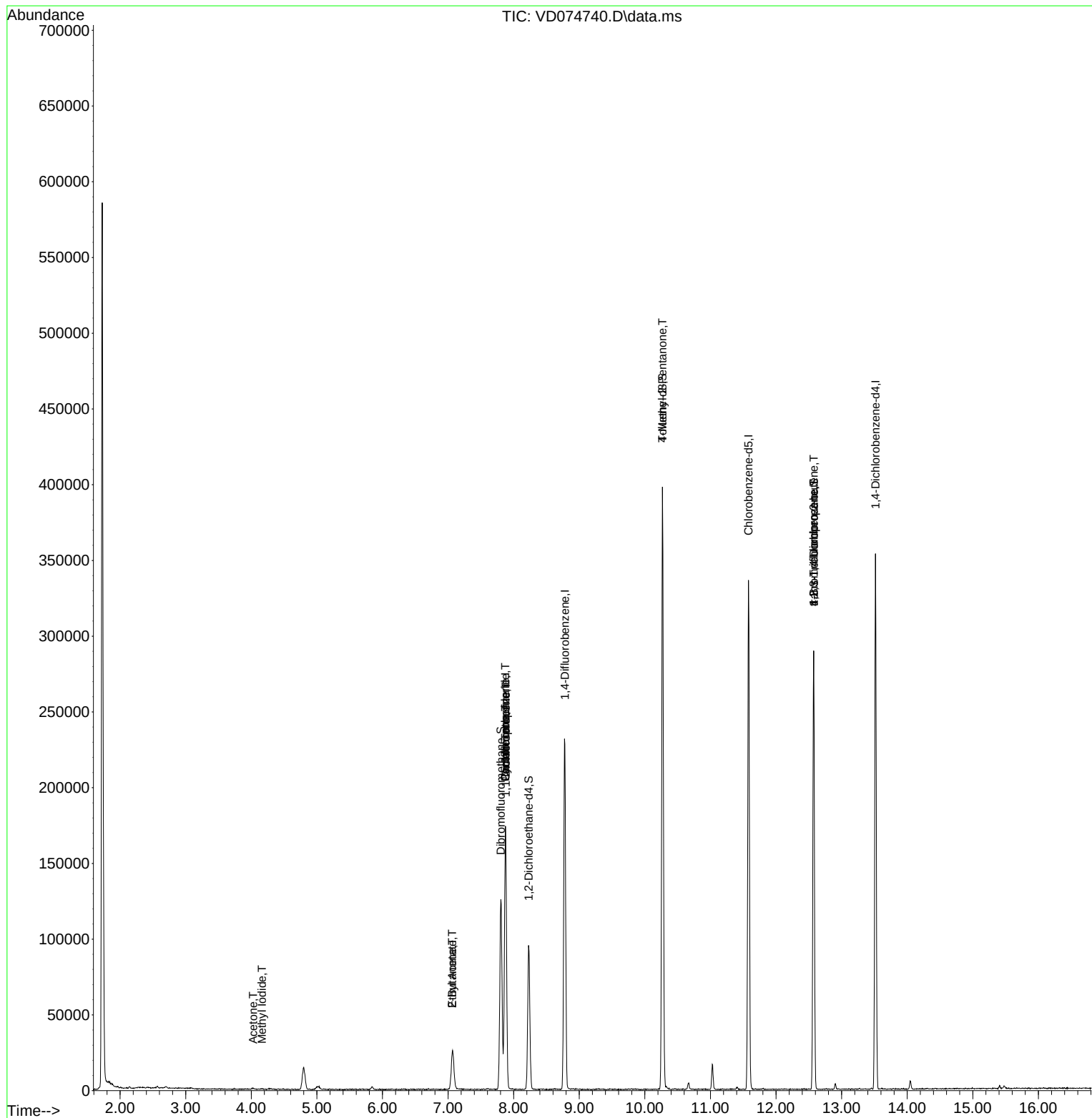
Internal Standards						
1) Pentafluorobenzene	7.875	168	142535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	226837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	74379	65.886	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.780%			
35) Dibromofluoromethane	7.804	113	92569	68.987	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 137.980%			
50) Toluene-d8	10.269	98	283164	57.852	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.700%			
62) 4-Bromofluorobenzene	12.575	95	89362	63.232	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 126.460%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.163	142	405	5.740	ug/l #	43
11) Tert butyl alcohol	5.005	59	2239	Below Cal	#	84
16) Acetone	4.028	43	1114	4.729	ug/l	98
20) Methylene Chloride	4.793	84	12707	Below Cal		98
25) 2-Butanone	7.063	43	763	2.356	ug/l #	42
31) Cyclohexane	7.875	56	2508	1.097	ug/l #	15
36) 1,1-Dichloropropene	7.881	75	9944	4.882	ug/l #	47
37) Ethyl Acetate	7.063	43	763	1.123	ug/l #	1
38) Carbon Tetrachloride	7.875	117	13306	6.896	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	916	1.494	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	43080	56.334	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	43080	133.723	ug/l #	17

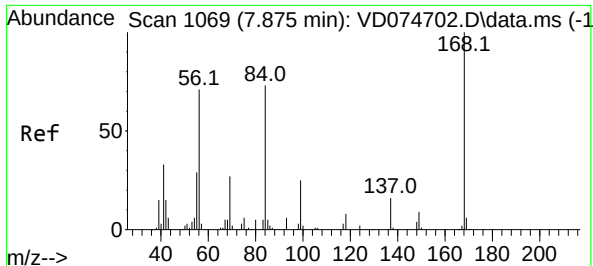
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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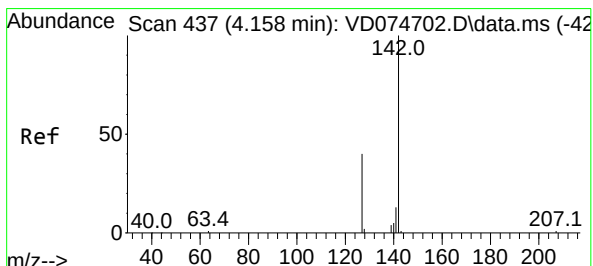
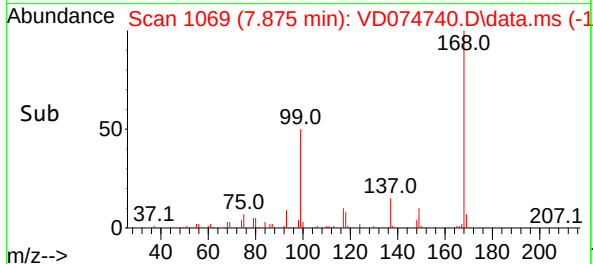
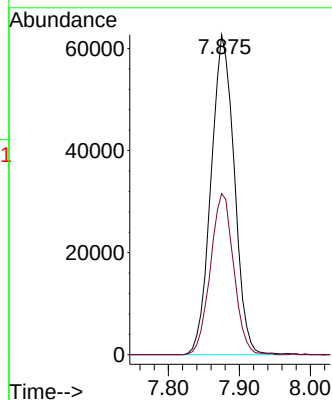
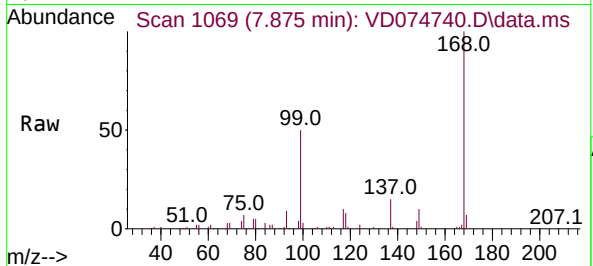




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074740.D
Acq: 04 Nov 2022 16:13

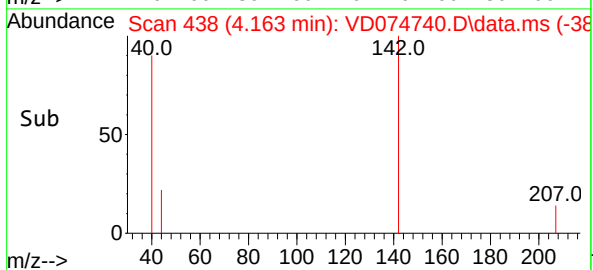
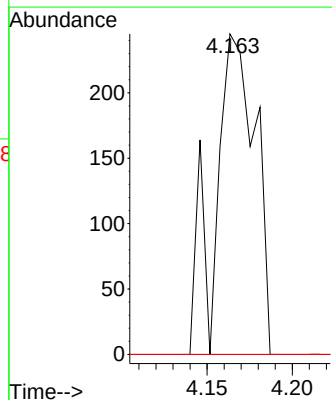
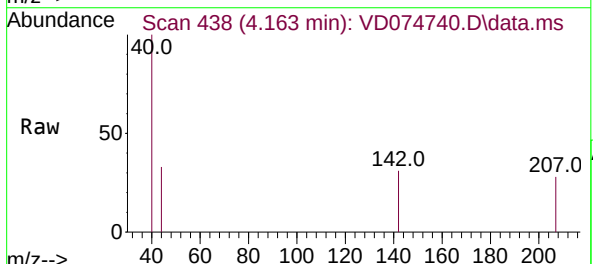
Instrument :
MSVOA_D
ClientSampleId :
SB-4

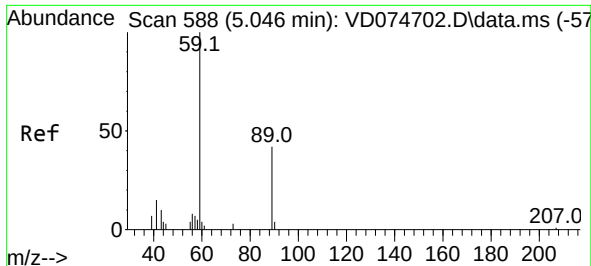
Tgt Ion:168 Resp: 142535
Ion Ratio Lower Upper
168 100
99 50.4 40.9 61.3



#10
Methyl Iodide
Concen: 5.740 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD074740.D
Acq: 04 Nov 2022 16:13

Tgt Ion:142 Resp: 405
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: 5.005 min Scan# 51

Delta R.T. -0.041 min

Lab File: VD074740.D

Acq: 04 Nov 2022 16:13

Instrument :

MSVOA_D

ClientSampleId :

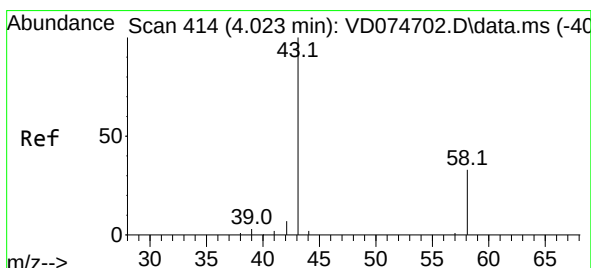
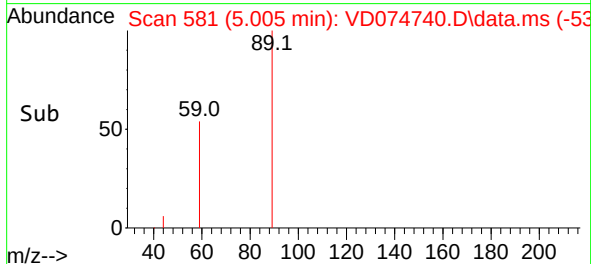
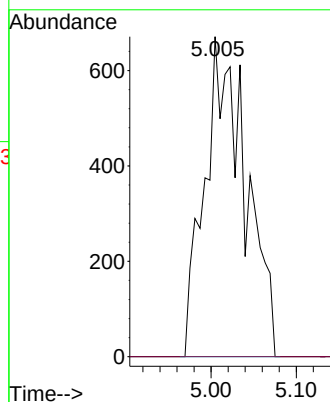
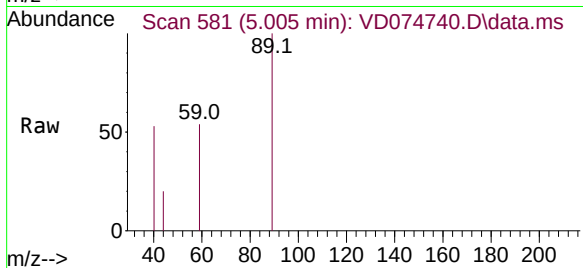
SB-4

Tgt Ion: 59 Resp: 2239

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 4.729 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.005 min

Lab File: VD074740.D

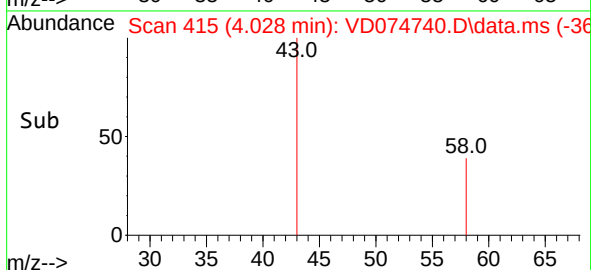
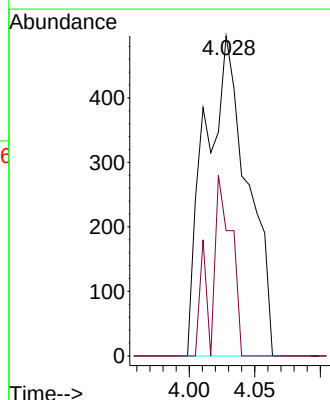
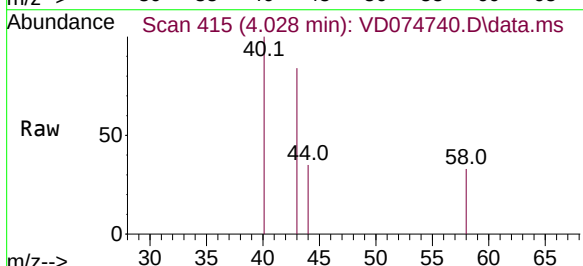
Acq: 04 Nov 2022 16:13

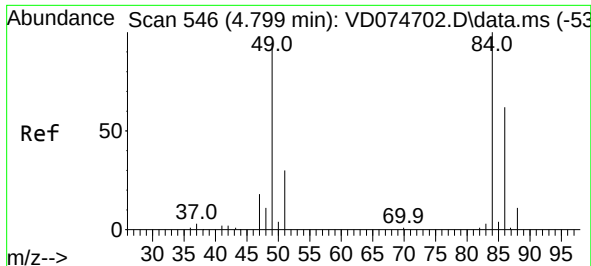
Tgt Ion: 43 Resp: 1114

Ion Ratio Lower Upper

43 100

58 39.1 30.2 45.2

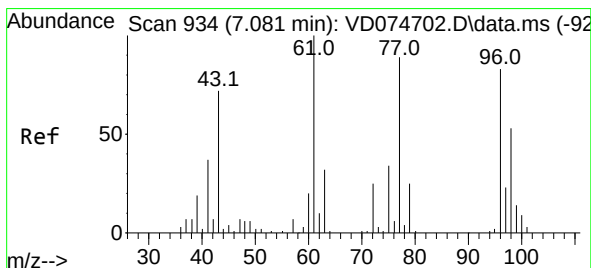
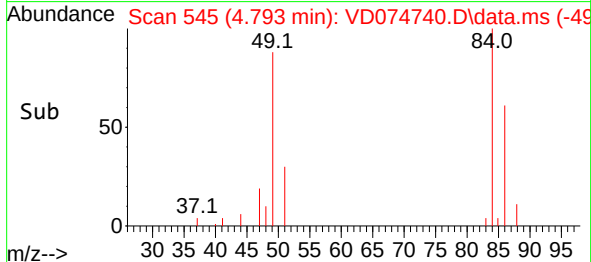
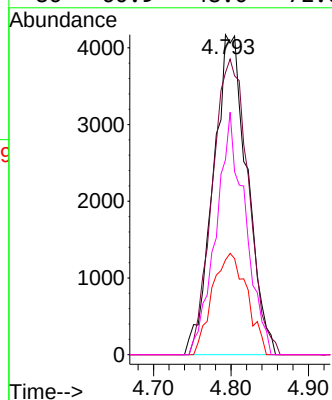
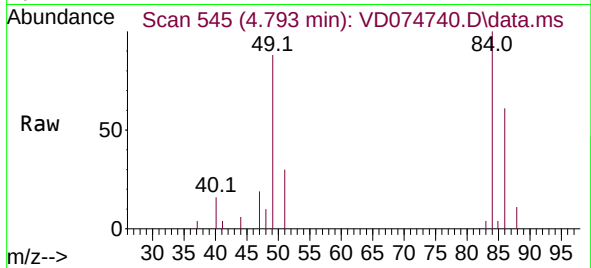




#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD074740.D
Acq: 04 Nov 2022 16:13

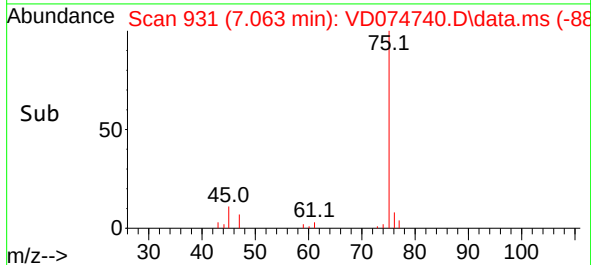
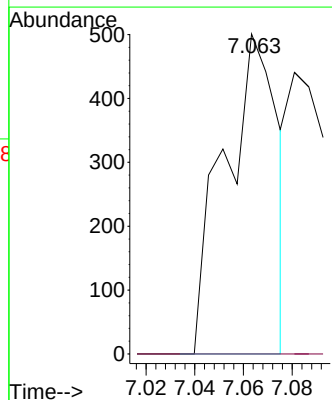
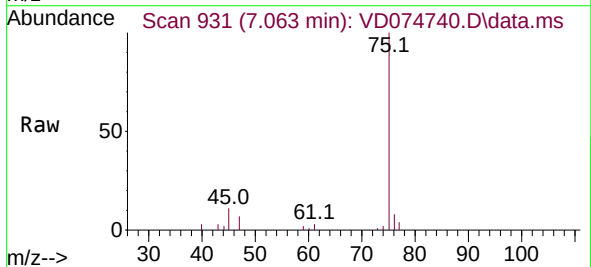
Instrument :
MSVOA_D
ClientSampleId :
SB-4

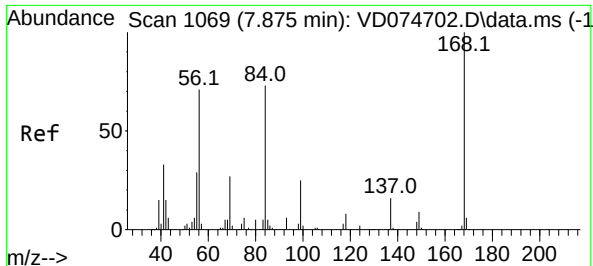
Tgt Ion:	84	Resp:	12707
Ion	Ratio	Lower	Upper
84	100		
49	88.1	68.0	102.0
51	29.6	23.2	34.8
86	60.9	48.0	72.0



#25
2-Butanone
Concen: 2.356 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD074740.D
Acq: 04 Nov 2022 16:13

Tgt Ion:	43	Resp:	763
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#

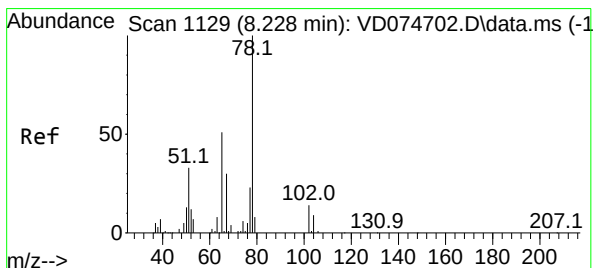
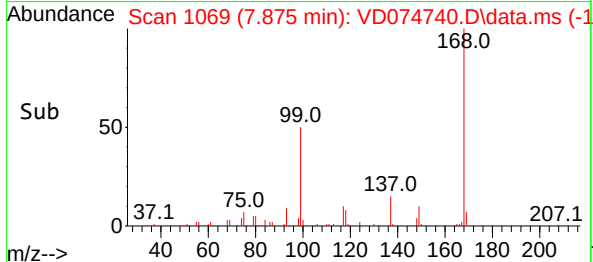
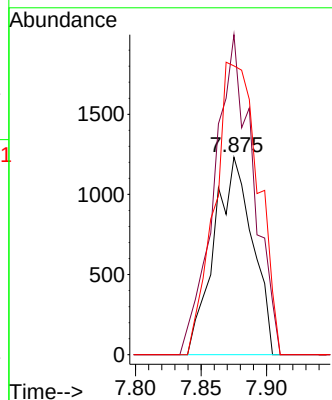
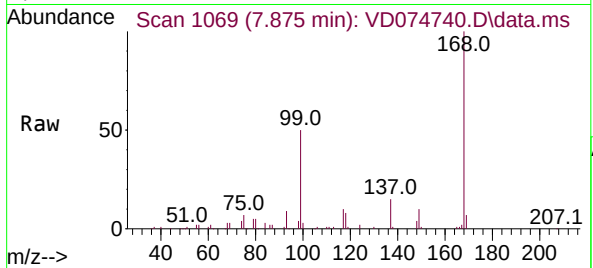




#31
Cyclohexane
Concen: 1.097 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074740.D
Acq: 04 Nov 2022 16:13

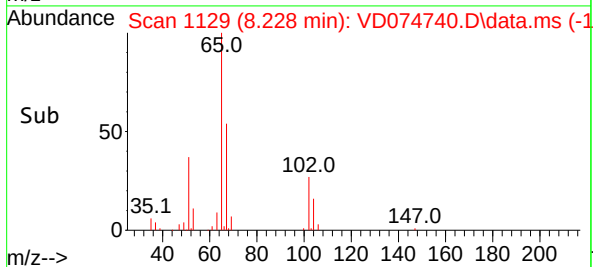
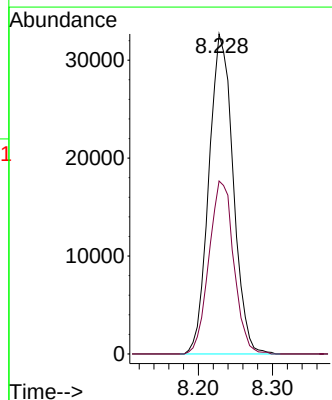
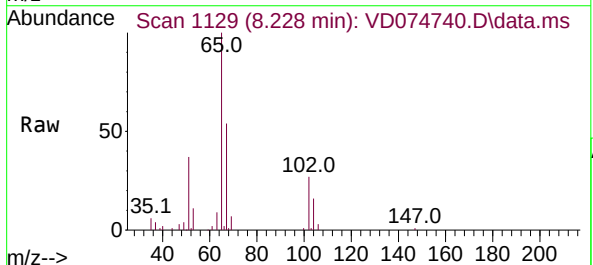
Instrument :
MSVOA_D
ClientSampleId :
SB-4

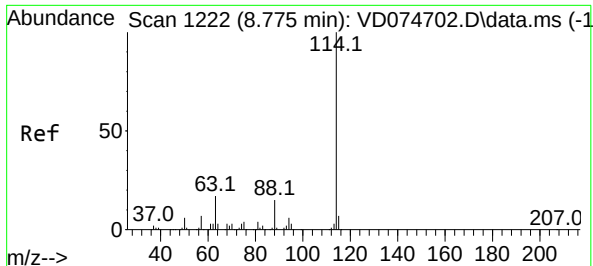
Tgt Ion: 56 Resp: 2508
Ion Ratio Lower Upper
56 100
69 162.1 29.2 43.8#
84 146.3 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 65.886 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074740.D
Acq: 04 Nov 2022 16:13

Tgt Ion: 65 Resp: 74379
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.2

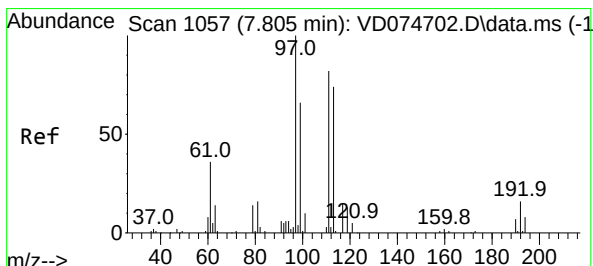
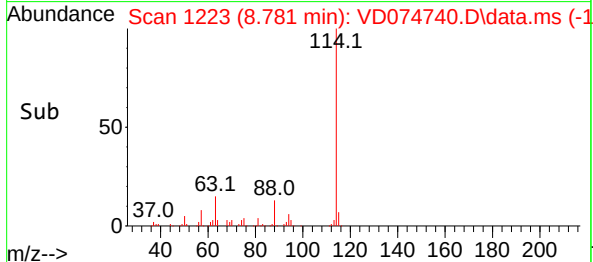
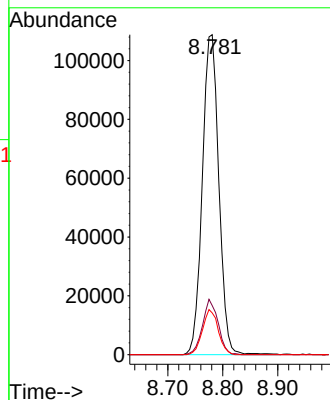
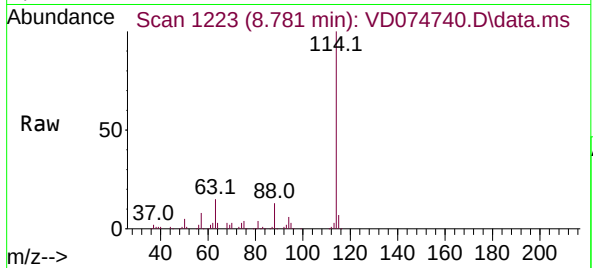




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074740.D
Acq: 04 Nov 2022 16:13

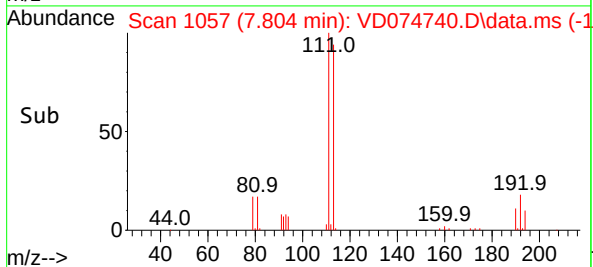
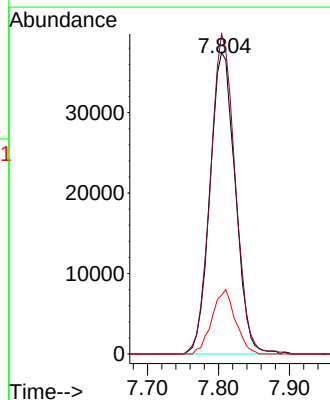
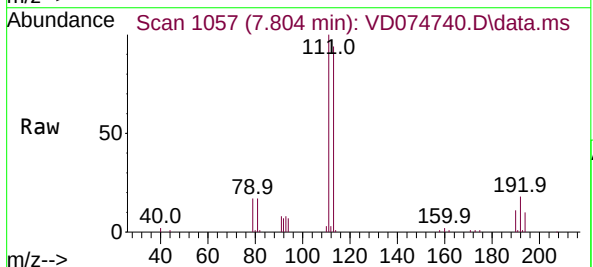
Instrument :
MSVOA_D
ClientSampleId :
SB-4

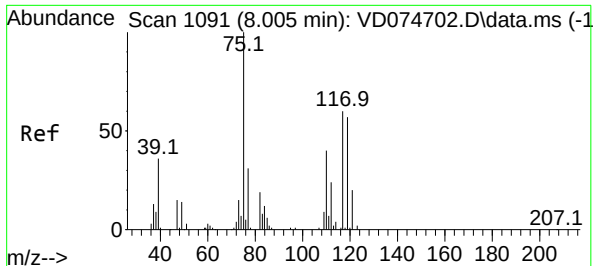
Tgt Ion:114 Resp: 226837
Ion Ratio Lower Upper
114 100
63 15.3 0.0 33.2
88 13.0 0.0 28.2



#35
Dibromofluoromethane
Concen: 68.987 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD074740.D
Acq: 04 Nov 2022 16:13

Tgt Ion:113 Resp: 92569
Ion Ratio Lower Upper
113 100
111 104.2 82.3 123.5
192 19.7 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.882 ug/l

RT: 7.881 min Scan# 1091

Delta R.T. -0.124 min

Lab File: VD074740.D

Acq: 04 Nov 2022 16:13

Instrument :

MSVOA_D

ClientSampleId :

SB-4

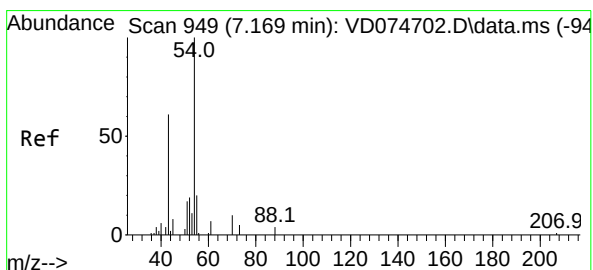
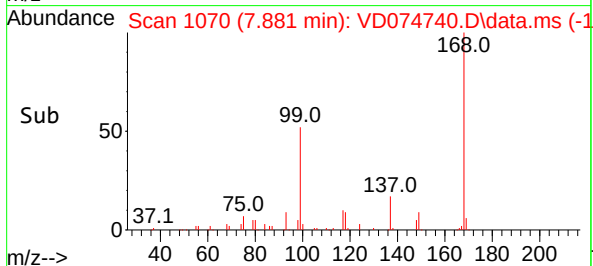
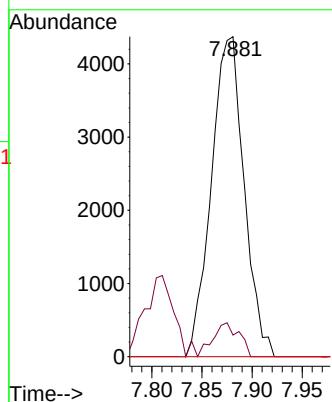
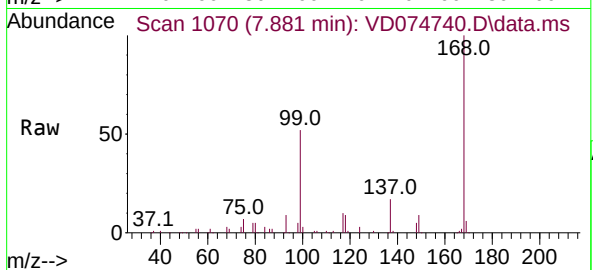
Tgt Ion: 75 Resp: 9944

Ion Ratio Lower Upper

75 100

110 8.4 19.7 59.0#

77 0.0 25.4 38.2#



#37

Ethyl Acetate

Concen: 1.123 ug/l

RT: 7.063 min Scan# 931

Delta R.T. -0.106 min

Lab File: VD074740.D

Acq: 04 Nov 2022 16:13

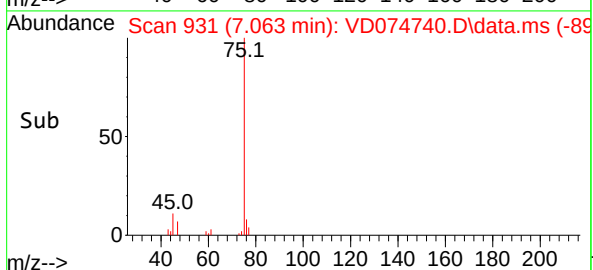
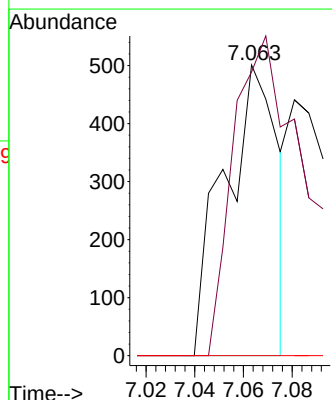
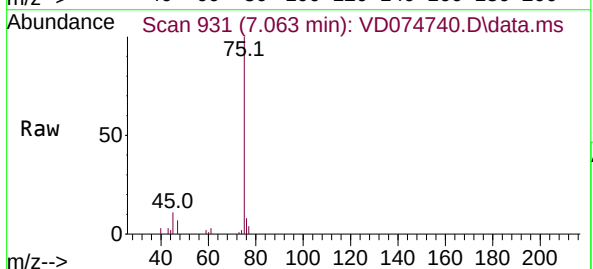
Tgt Ion: 43 Resp: 763

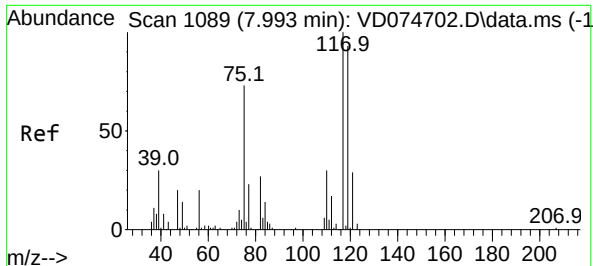
Ion Ratio Lower Upper

43 100

61 146.8 12.2 18.4#

70 0.0 9.6 14.4#

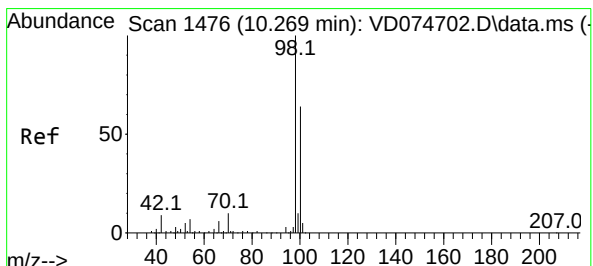
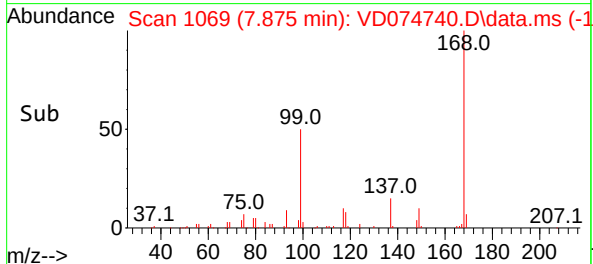
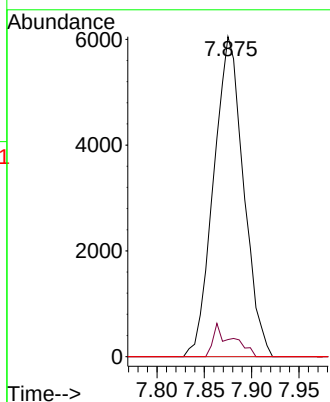
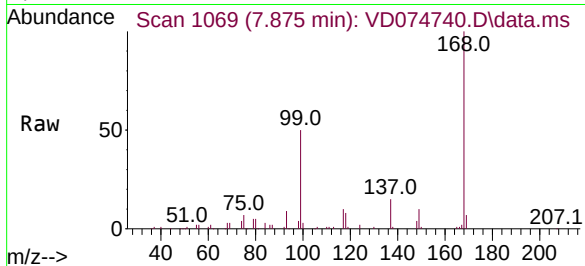




#38
Carbon Tetrachloride
Concen: 6.896 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074740.D
Acq: 04 Nov 2022 16:13

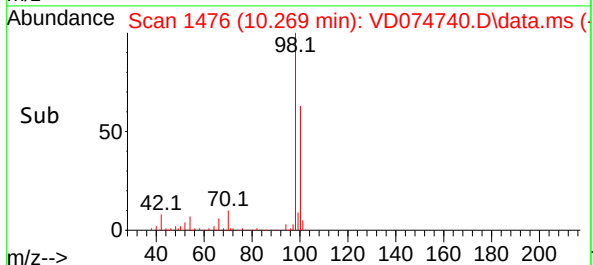
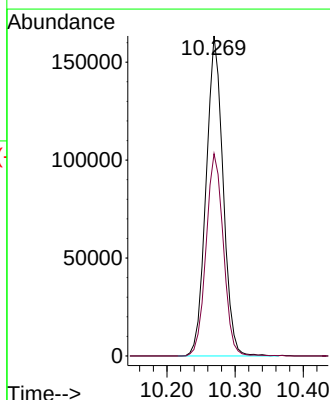
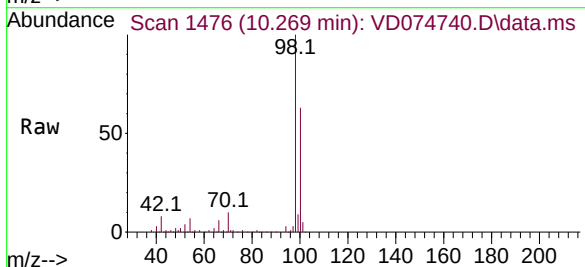
Instrument :
MSVOA_D
ClientSampleId :
SB-4

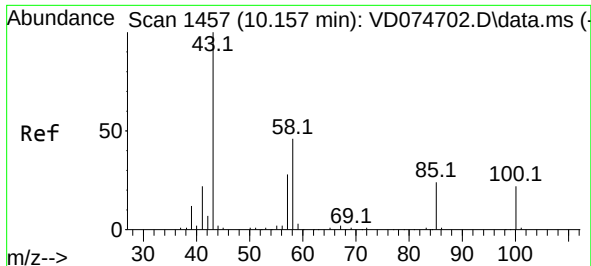
Tgt Ion:117 Resp: 13306
Ion Ratio Lower Upper
117 100
119 5.3 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 57.852 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074740.D
Acq: 04 Nov 2022 16:13

Tgt Ion: 98 Resp: 283164
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0

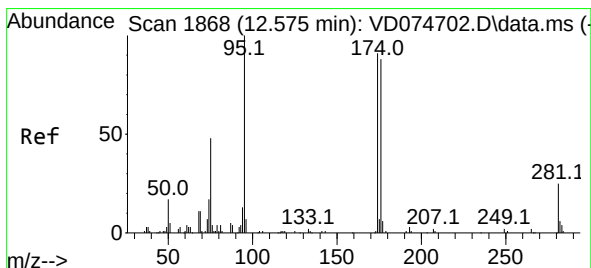
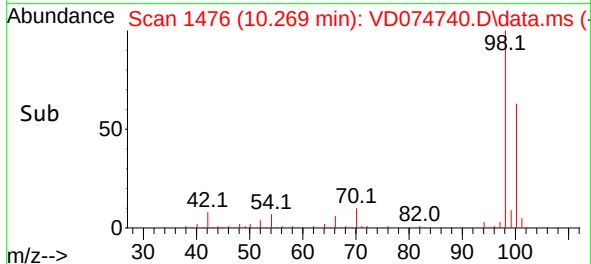
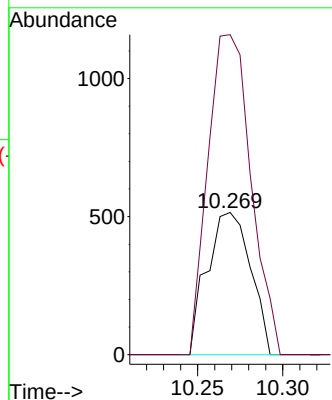
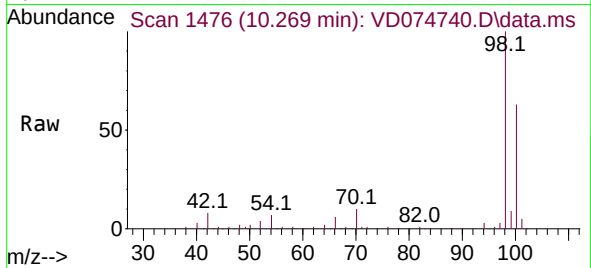




#51
4-Methyl-2-Pentanone
Concen: 1.494 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD074740.D
Acq: 04 Nov 2022 16:13

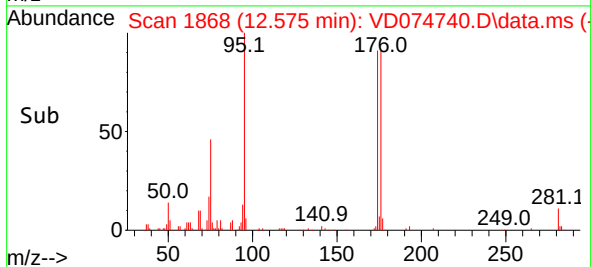
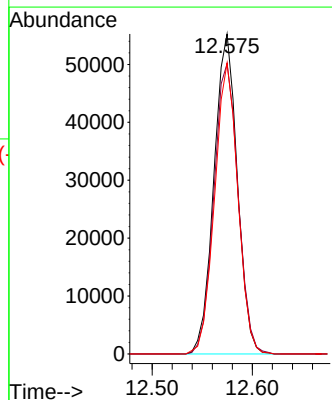
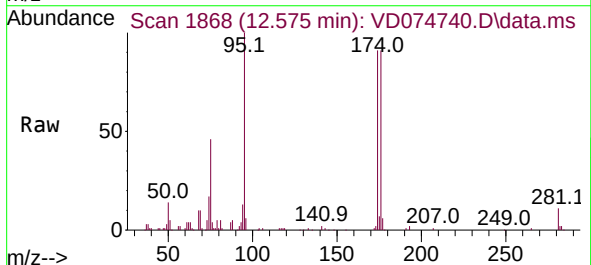
Instrument :
MSVOA_D
ClientSampleId :
SB-4

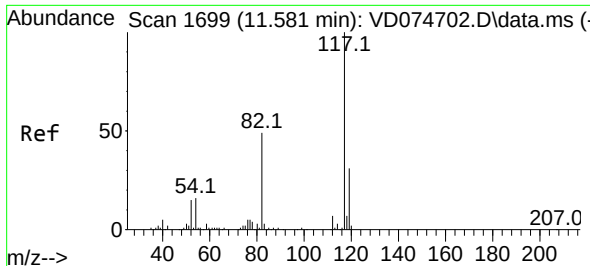
Tgt Ion: 43 Resp: 916
Ion Ratio Lower Upper
43 100
58 222.8 37.8 56.6#



#62
4-Bromofluorobenzene
Concen: 63.232 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074740.D
Acq: 04 Nov 2022 16:13

Tgt Ion: 95 Resp: 89362
Ion Ratio Lower Upper
95 100
174 93.7 0.0 197.0
176 90.2 0.0 182.6

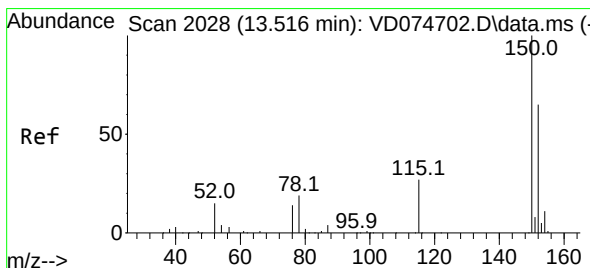
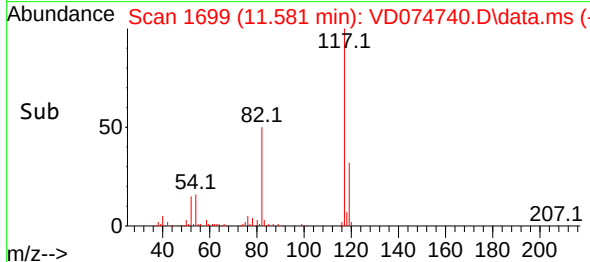
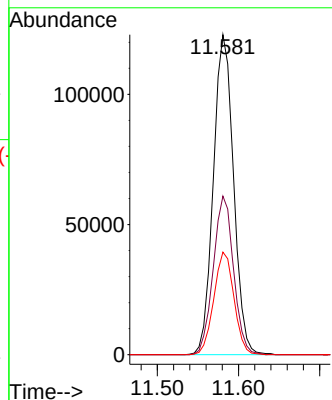
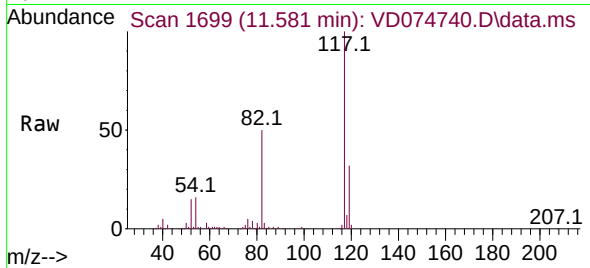




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074740.D
Acq: 04 Nov 2022 16:13

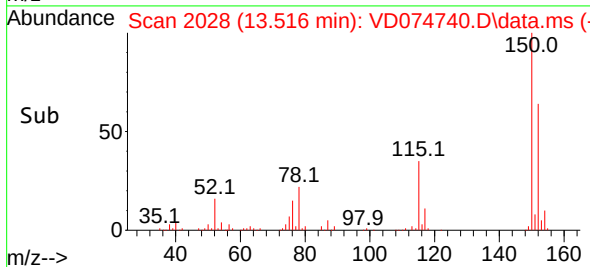
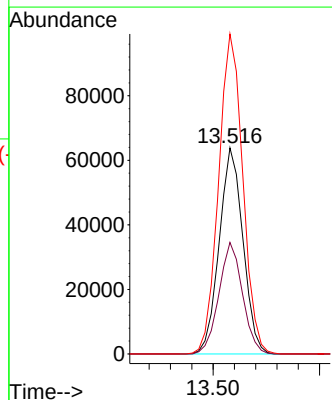
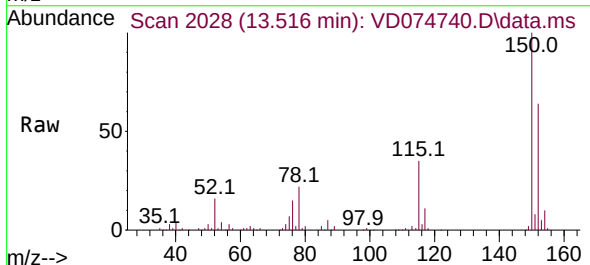
Instrument :
MSVOA_D
ClientSampleId :
SB-4

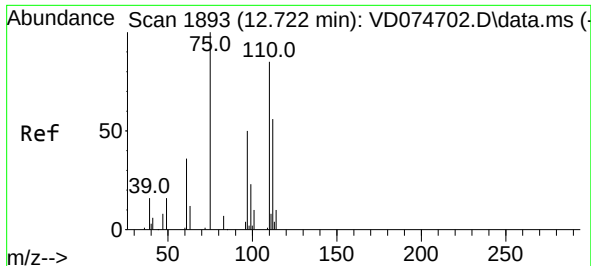
Tgt Ion:117 Resp: 212643
Ion Ratio Lower Upper
117 100
82 49.5 41.6 62.4
119 32.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074740.D
Acq: 04 Nov 2022 16:13

Tgt Ion:152 Resp: 98648
Ion Ratio Lower Upper
152 100
115 53.7 26.8 80.4
150 158.2 0.0 348.2

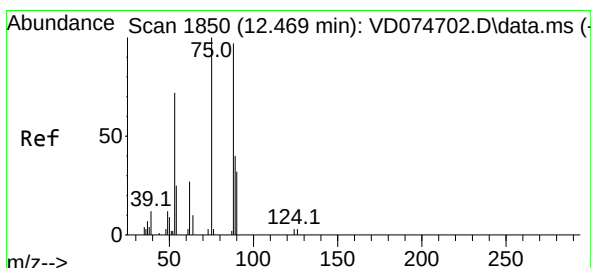
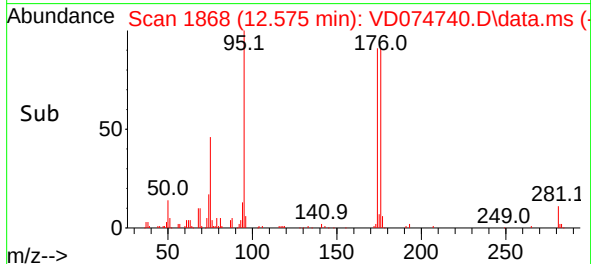
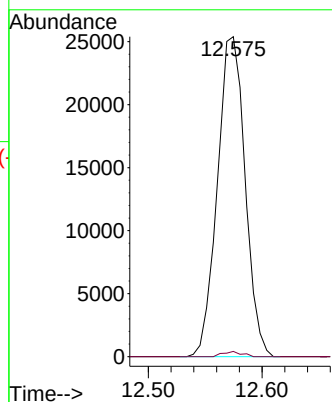
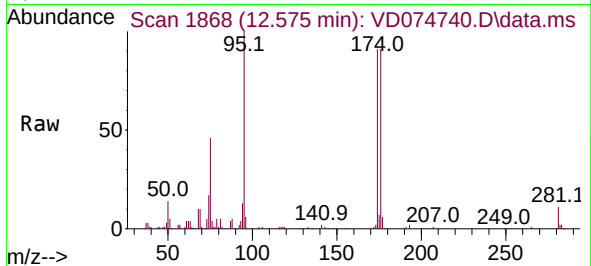




#76
1,2,3-Trichloropropane
Concen: 56.334 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074740.D
Acq: 04 Nov 2022 16:13

Instrument :
MSVOA_D
ClientSampleId :
SB-4

Tgt Ion: 75 Resp: 43080
Ion Ratio Lower Upper
75 100
77 1.1 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.723 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074740.D
Acq: 04 Nov 2022 16:13

Tgt Ion: 75 Resp: 43080
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

