

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074903.D
 Acq On : 11 Nov 2022 23:03
 Operator : VA/SY
 Sample : VD1111SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBL02

Quant Time: Nov 14 00:57:54 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)

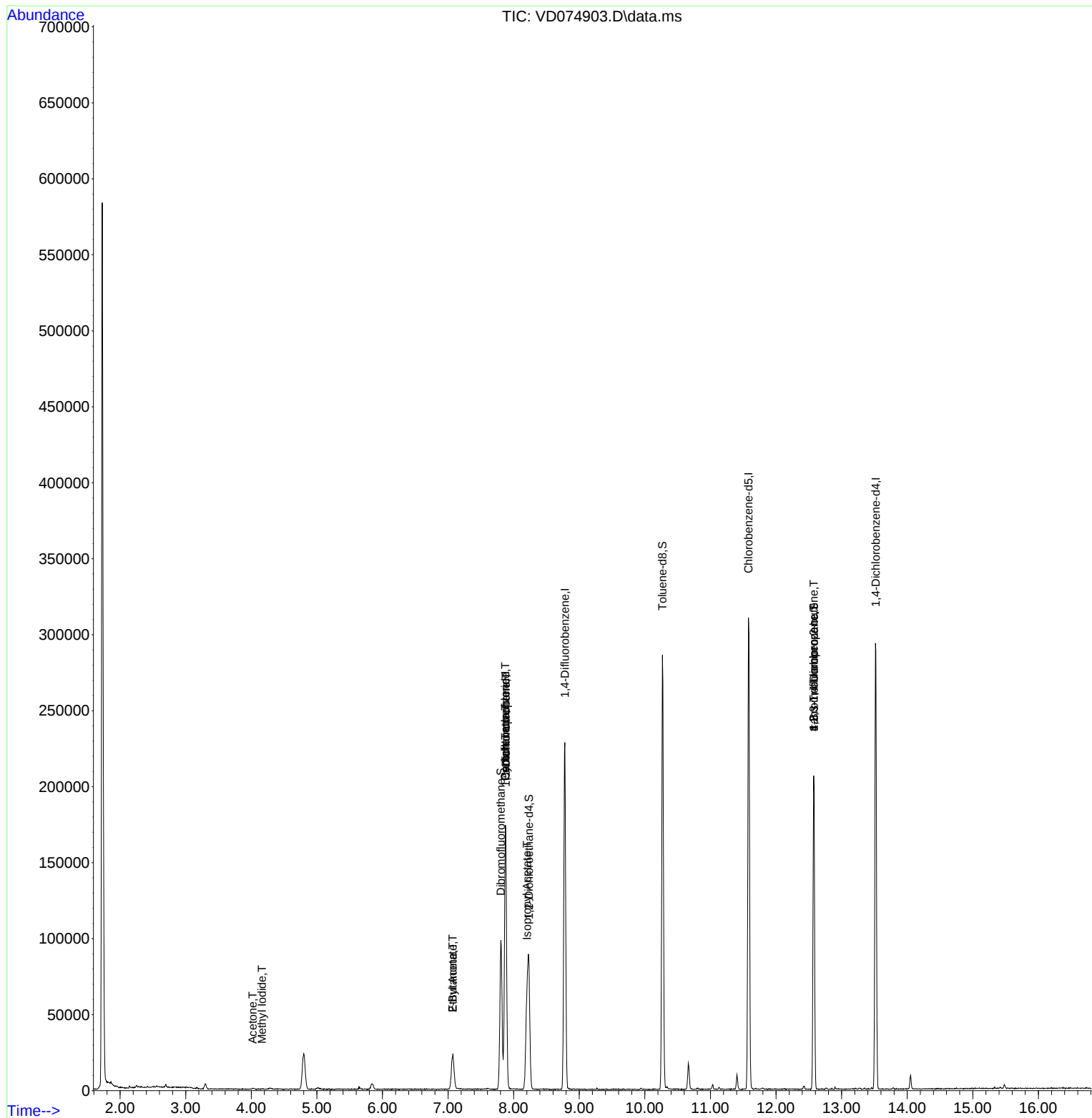
Internal Standards						
1) Pentafluorobenzene	7.875	168	141274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	217430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	198341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	87233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58494	63.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.940%	
35) Dibromofluoromethane	7.804	113	71663	53.468	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.940%	
50) Toluene-d8	10.269	98	205265	46.492	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.980%	
62) 4-Bromofluorobenzene	12.575	95	61222	45.159	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	517	Below Cal	#	40
3) Chloromethane	2.140	50	811	Below Cal	#	80
5) Bromomethane	2.693	94	1318	Below Cal		82
10) Methyl Iodide	4.163	142	604	5.088	ug/l #	43
11) Tert butyl alcohol	5.016	59	918	Below Cal	#	84
16) Acetone	4.022	43	526	2.255	ug/l #	37
18) Methyl Acetate	4.769	43	116	Below Cal	#	44
20) Methylene Chloride	4.798	84	21085	Below Cal		96
25) 2-Butanone	7.069	43	911	2.987	ug/l #	42
31) Cyclohexane	7.875	56	2499	1.213	ug/l #	15
36) 1,1-Dichloropropene	7.881	75	10190	5.173	ug/l #	46
37) Ethyl Acetate	7.069	43	911	1.378	ug/l #	1
38) Carbon Tetrachloride	7.875	117	13125	7.079	ug/l #	18
43) Isopropyl Acetate	8.204	43	1172	1.007	ug/l #	4
76) 1,2,3-Trichloropropane	12.575	75	30665	42.029	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	30665	103.392	ug/l #	17

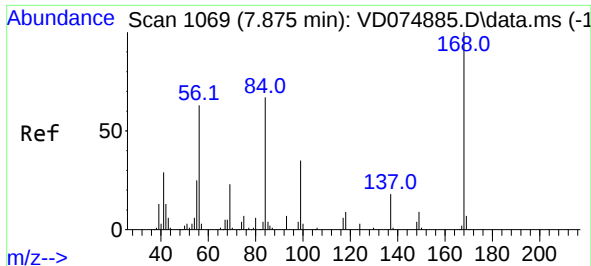
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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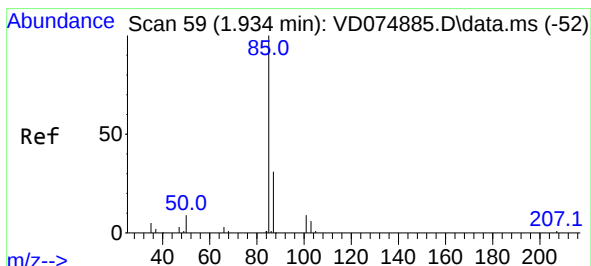
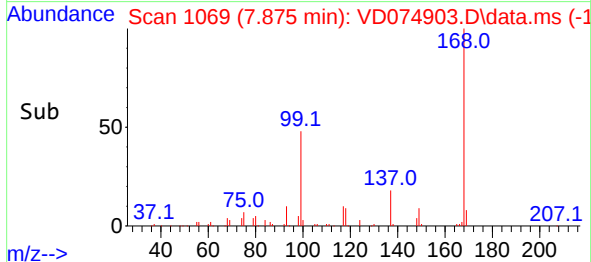
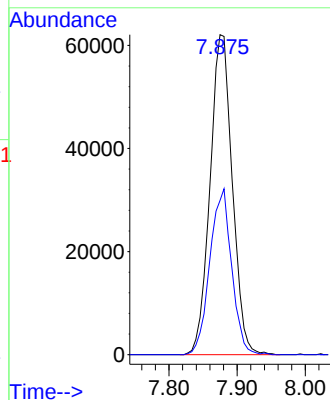
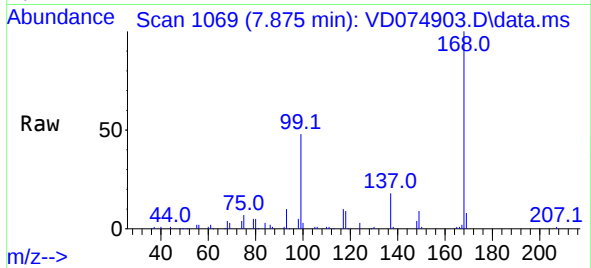




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

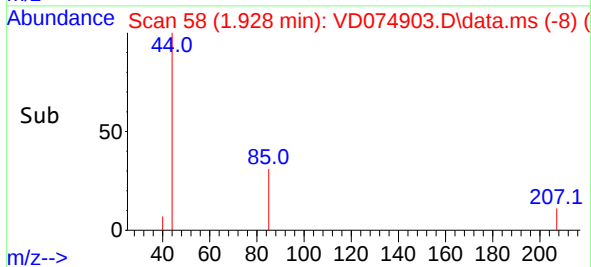
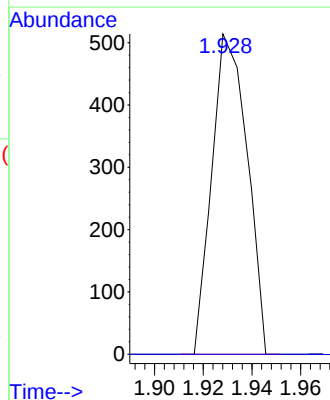
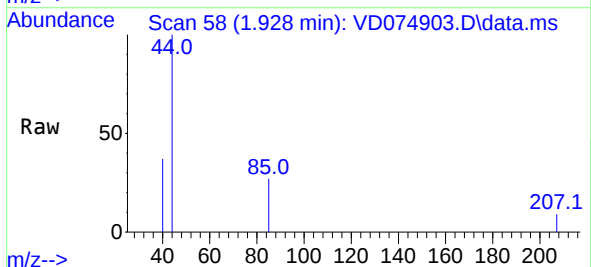
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBL02

Tgt Ion:168 Resp: 141274
Ion Ratio Lower Upper
168 100
99 48.2 40.9 61.3

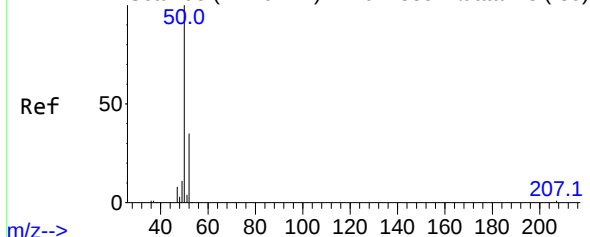


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

Tgt Ion: 85 Resp: 517
Ion Ratio Lower Upper
85 100
87 0.0 17.5 52.6#



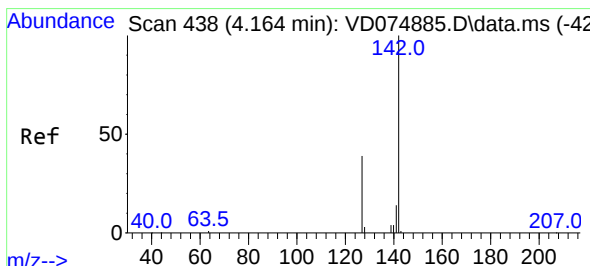
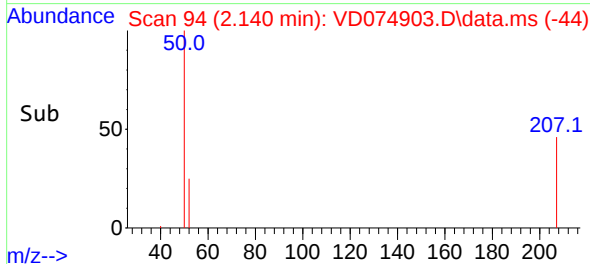
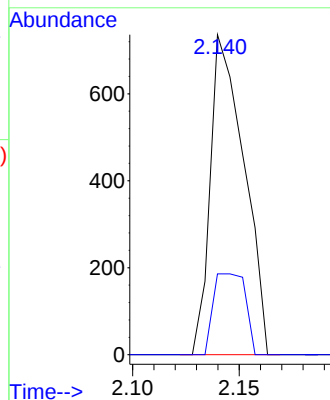
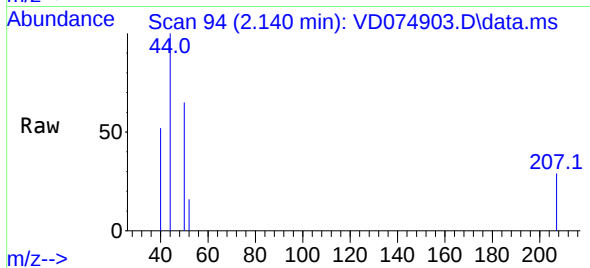
Abundance Scan 95 (2.146 min): VD074885.D\data.ms (-89)



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

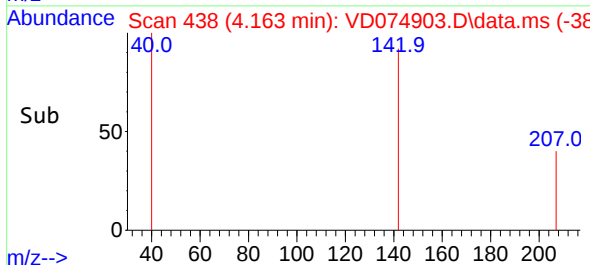
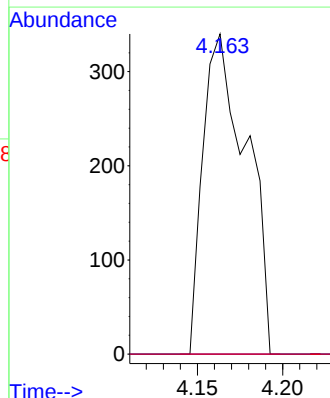
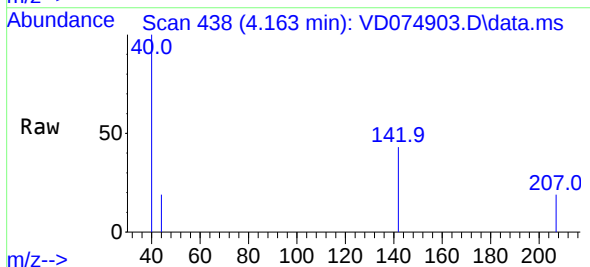
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBL02

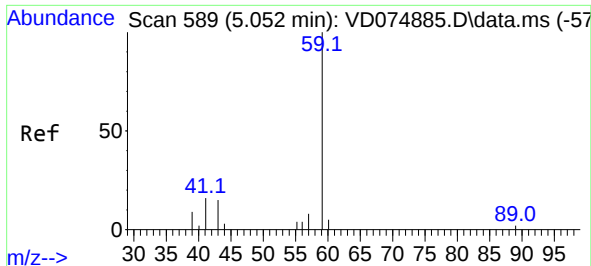
Tgt Ion: 50 Resp: 811
Ion Ratio Lower Upper
50 100
52 25.3 30.0 45.0#



#10
Methyl Iodide
Concen: 5.088 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

Tgt Ion: 142 Resp: 604
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

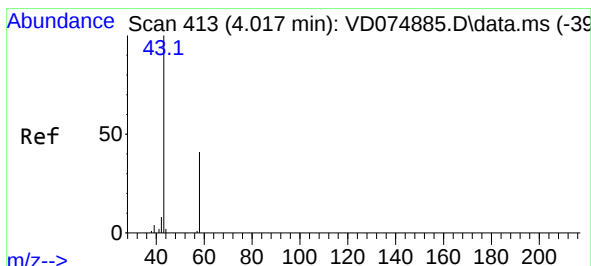
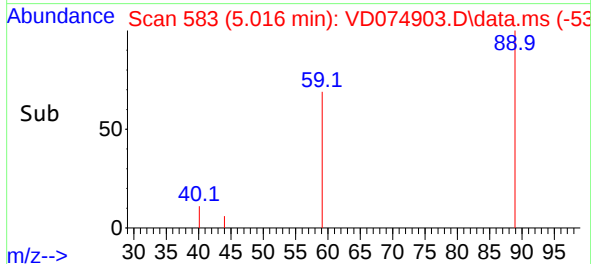
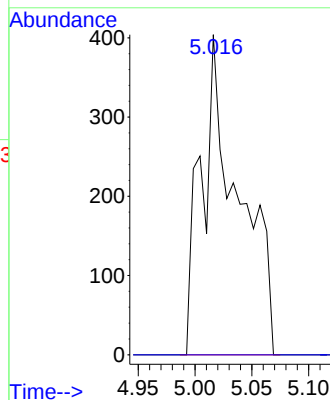
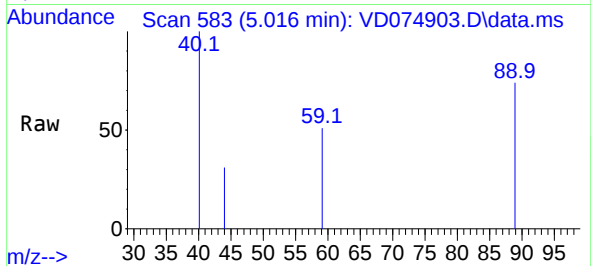




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.016 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

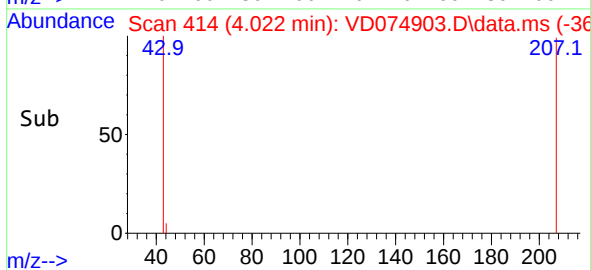
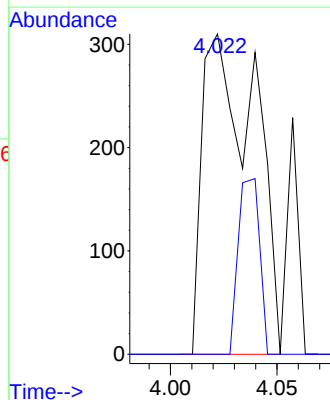
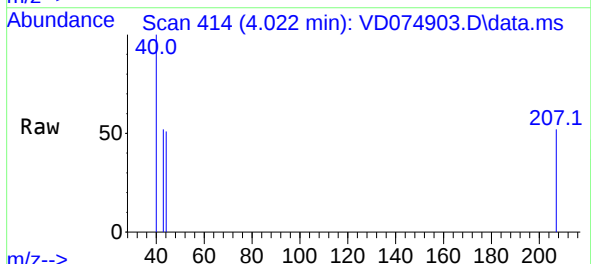
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBL02

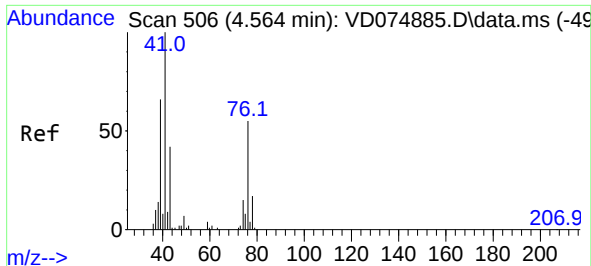
Tgt Ion: 59 Resp: 918
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 2.255 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

Tgt Ion: 43 Resp: 526
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#

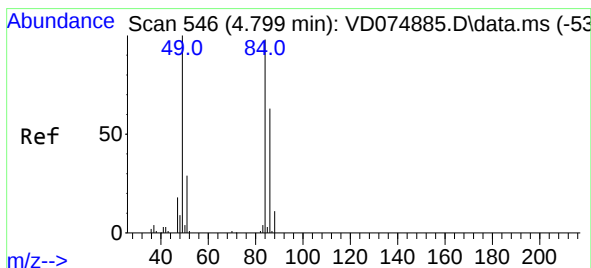
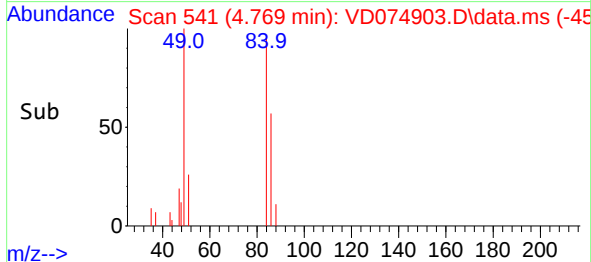
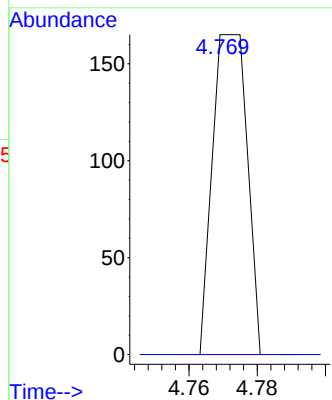
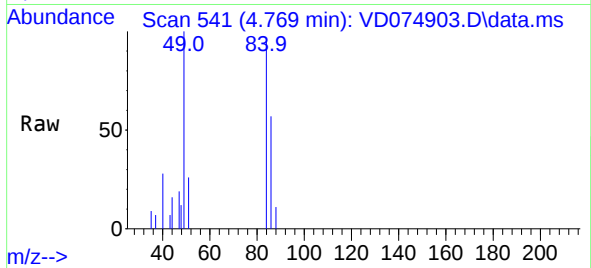




#18
Methyl Acetate
Concen: Below Cal
RT: 4.769 min Scan# 541
Delta R.T. 0.205 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

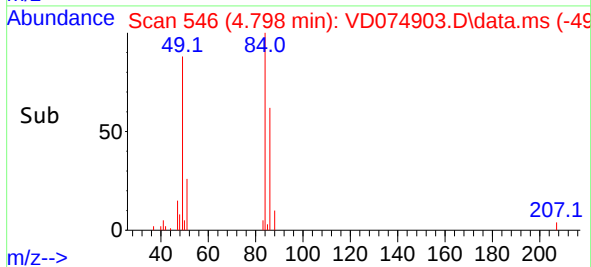
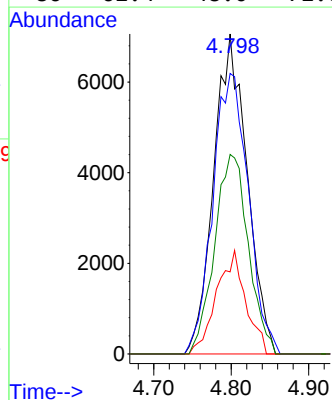
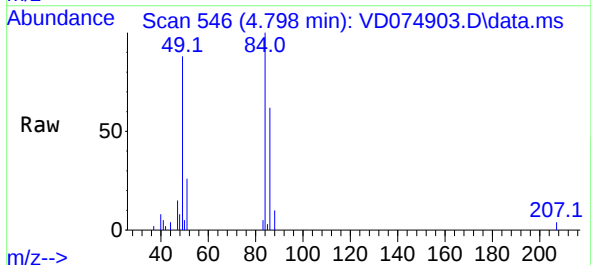
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBL02

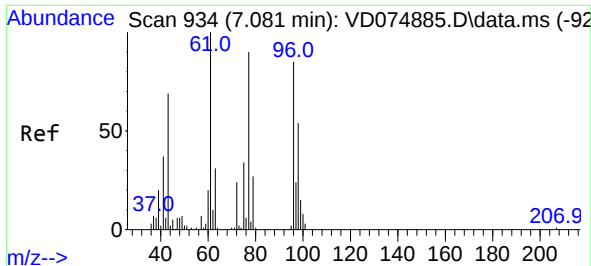
Tgt Ion: 43 Resp: 116
Ion Ratio Lower Upper
43 100
74 0.0 24.7 37.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.798 min Scan# 546
Delta R.T. -0.001 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

Tgt Ion: 84 Resp: 21085
Ion Ratio Lower Upper
84 100
49 87.6 68.0 102.0
51 25.6 23.2 34.8
86 62.4 48.0 72.0

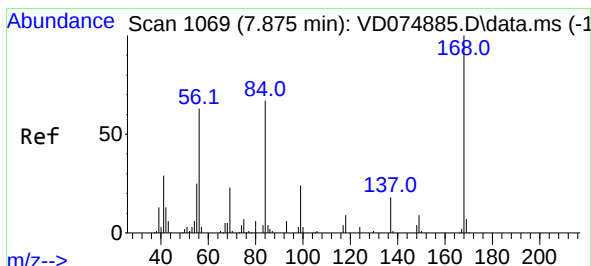
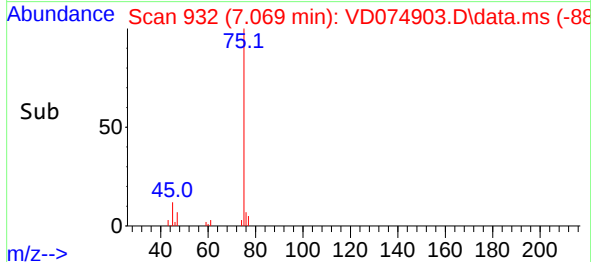
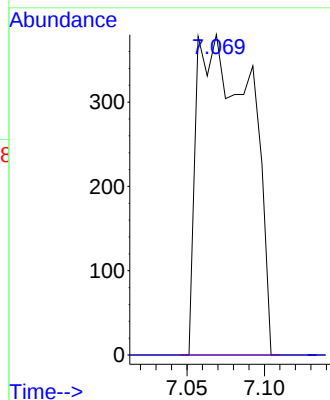
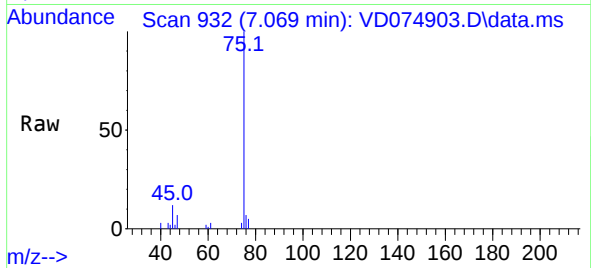




#25
2-Butanone
Concen: 2.987 ug/l
RT: 7.069 min Scan# 911
Delta R.T. -0.012 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

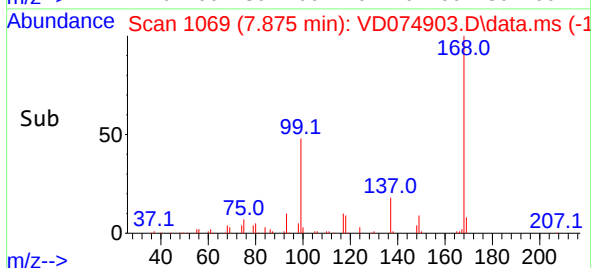
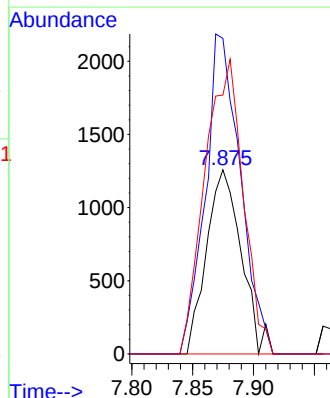
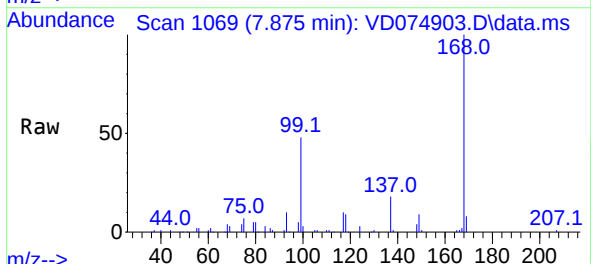
Instrument :
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VD1111SBL02

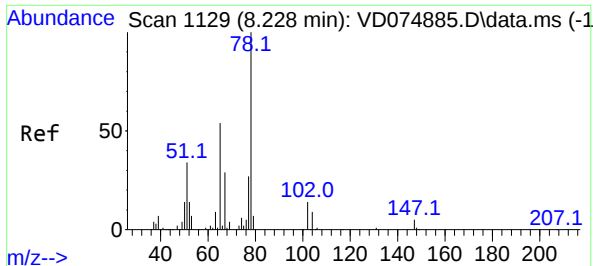
Tgt Ion: 43 Resp: 911
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

Tgt Ion: 56 Resp: 2499
Ion Ratio Lower Upper
56 100
69 171.2 29.2 43.8#
84 140.5 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 63.968 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074903.D

Acq: 11 Nov 2022 23:03

Instrument :

MSVOA_D

ClientSampleId :

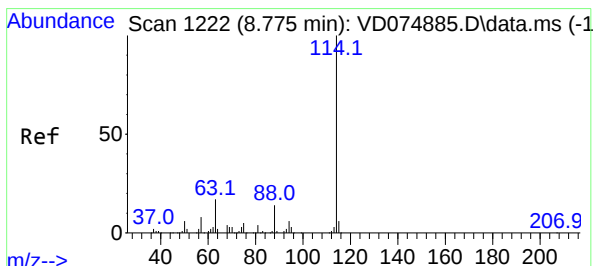
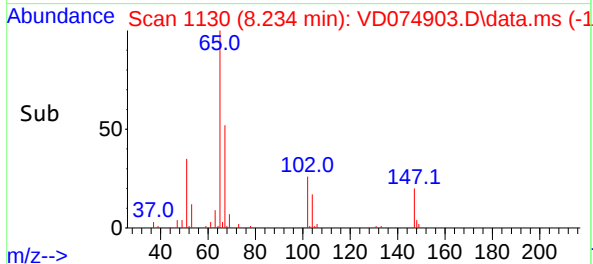
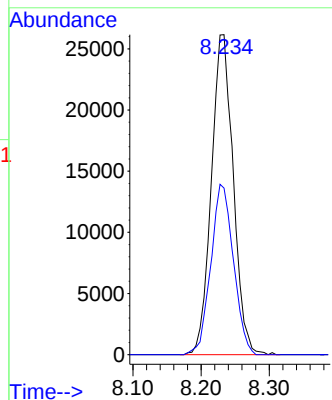
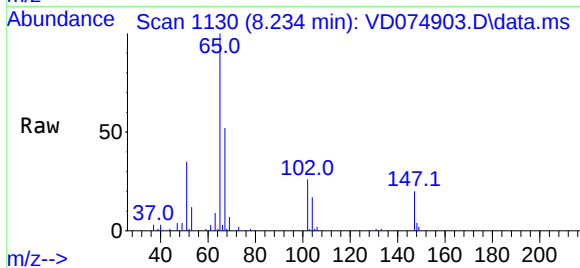
VD1111SBL02

Tgt Ion: 65 Resp: 58494

Ion Ratio Lower Upper

65 100

67 55.0 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: VD074903.D

Acq: 11 Nov 2022 23:03

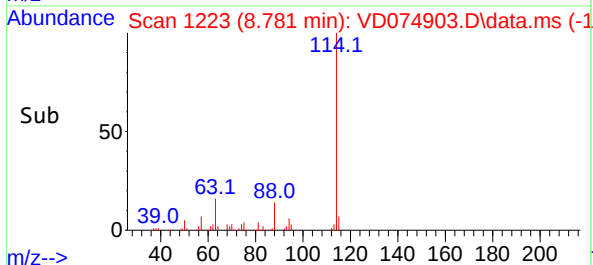
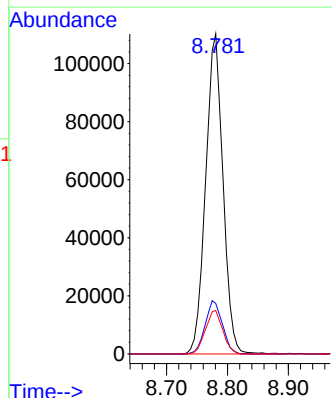
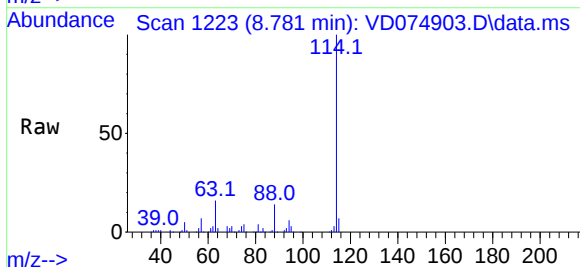
Tgt Ion: 114 Resp: 217430

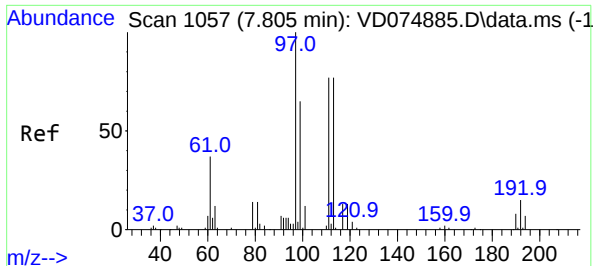
Ion Ratio Lower Upper

114 100

63 15.8 0.0 33.2

88 13.6 0.0 28.2

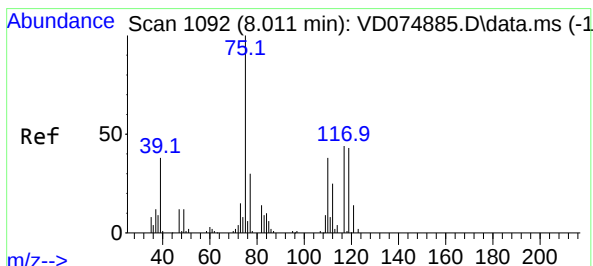
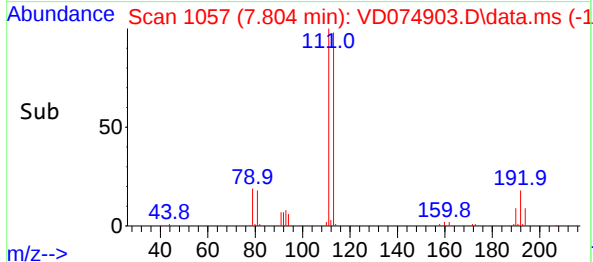
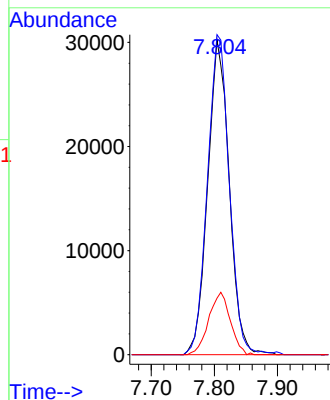
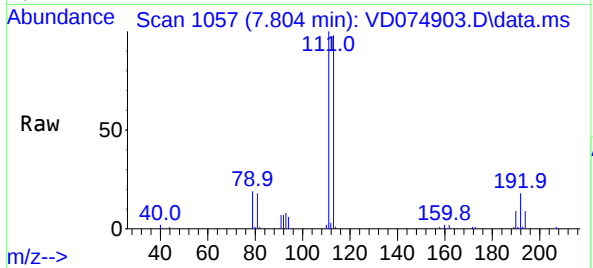




#35
Dibromofluoromethane
Concen: 53.468 ug/l
RT: 7.804 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

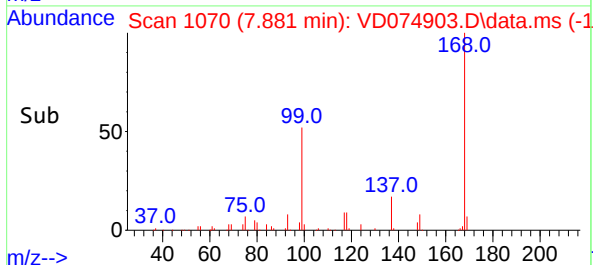
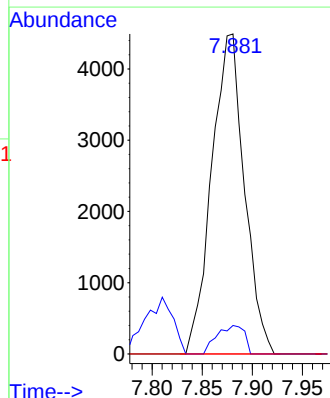
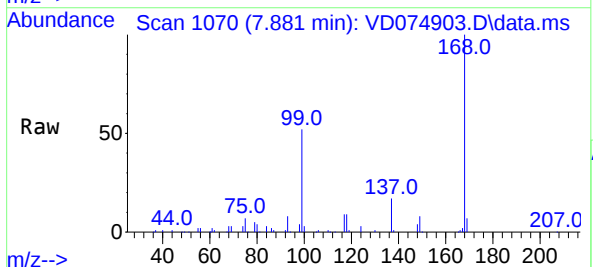
Instrument :
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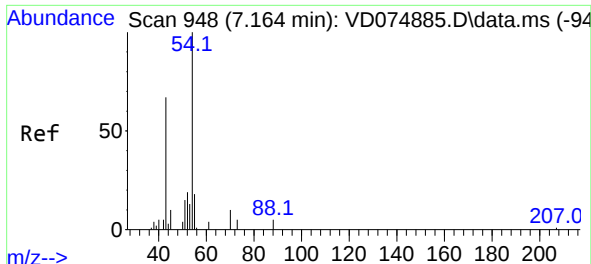
Tgt Ion:113 Resp: 71663
Ion Ratio Lower Upper
113 100
111 103.2 82.3 123.5
192 19.9 16.4 24.6



#36
1,1-Dichloropropene
Concen: 5.173 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.130 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

Tgt Ion: 75 Resp: 10190
Ion Ratio Lower Upper
75 100
110 7.5 19.7 59.0#
77 0.0 25.4 38.2#

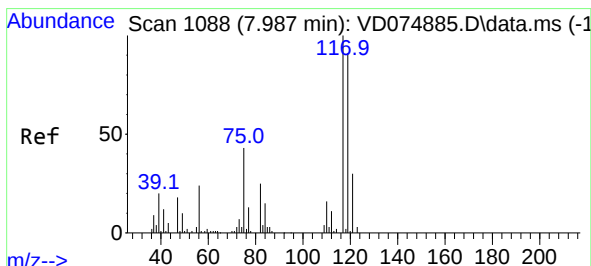
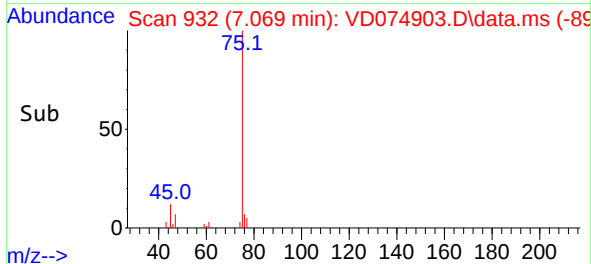
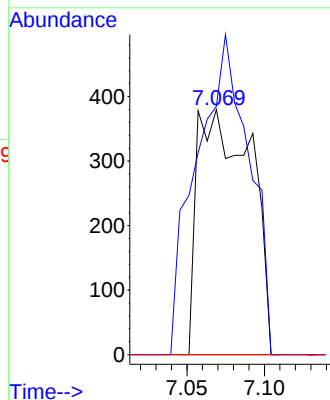
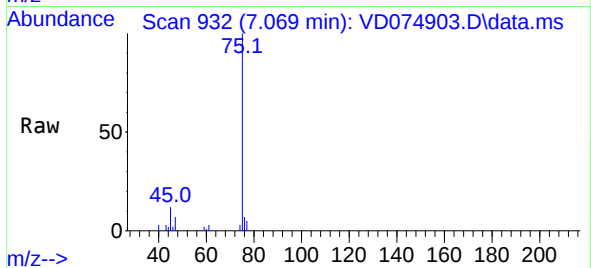




#37
Ethyl Acetate
Concen: 1.378 ug/l
RT: 7.069 min Scan# 911
Delta R.T. -0.095 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

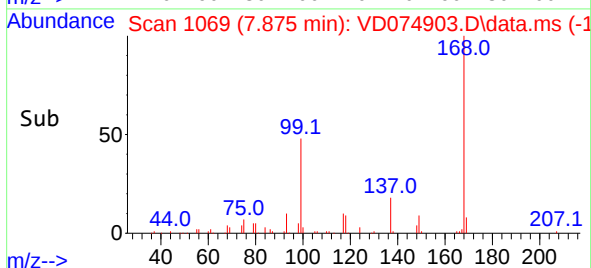
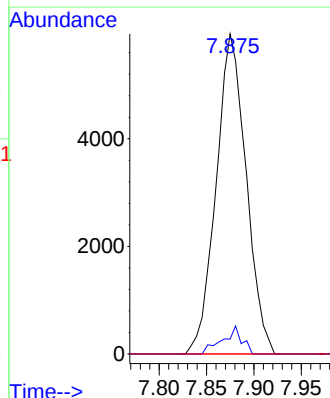
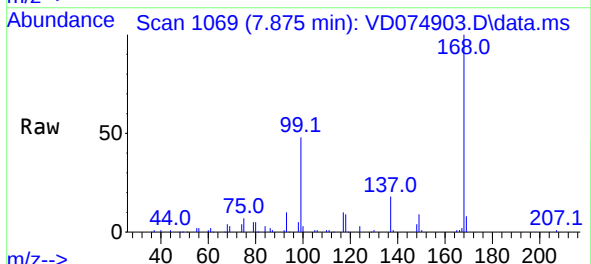
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBL02

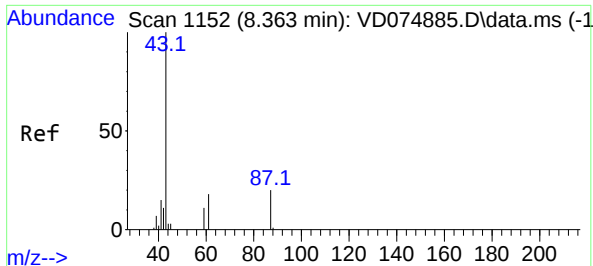
Tgt Ion: 43 Resp: 911
Ion Ratio Lower Upper
43 100
61 127.8 12.2 18.4#
70 0.0 9.6 14.4#



#38
Carbon Tetrachloride
Concen: 7.079 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

Tgt Ion: 117 Resp: 13125
Ion Ratio Lower Upper
117 100
119 4.6 73.1 109.7#
121 0.0 25.0 37.6#

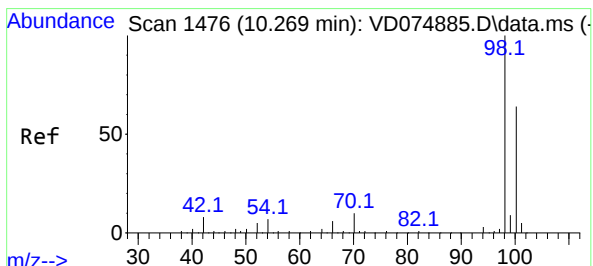
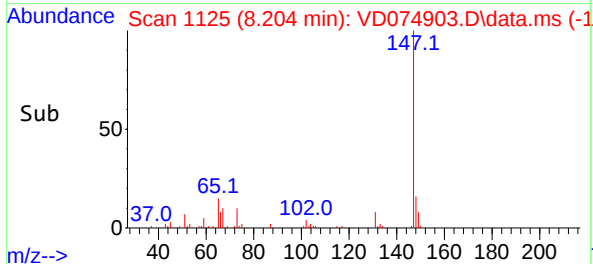
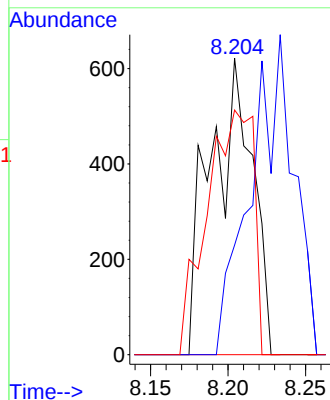
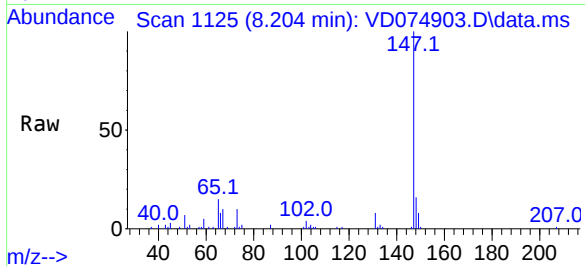




#43
Isopropyl Acetate
Concen: 1.007 ug/l
RT: 8.204 min Scan# 1125
Delta R.T. -0.159 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

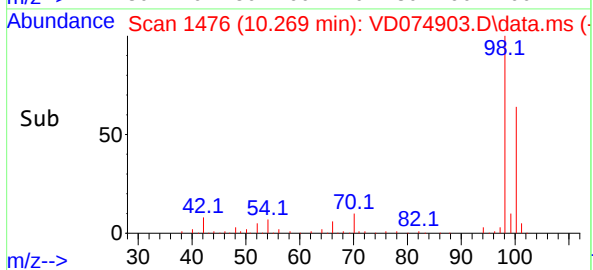
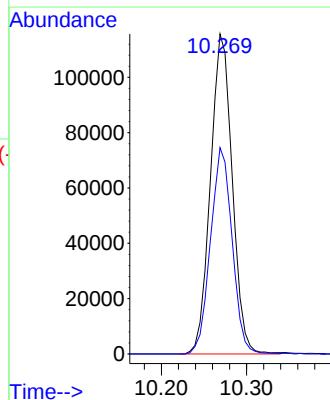
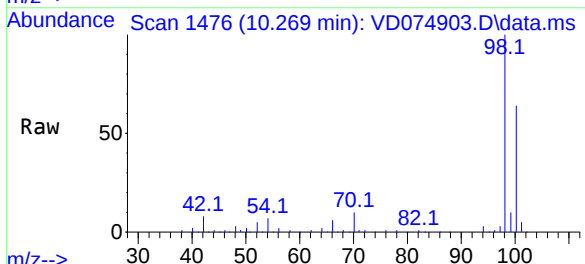
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBL02

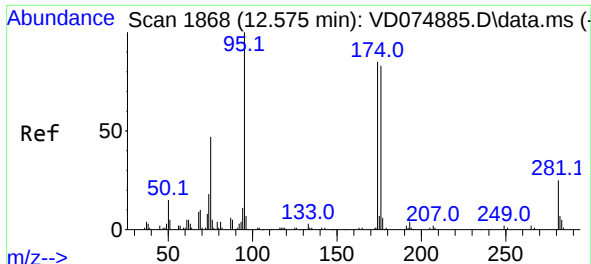
Tgt Ion: 43 Resp: 1172
Ion Ratio Lower Upper
43 100
61 0.0 30.9 46.3#
87 91.7 14.3 21.5#



#50
Toluene-d8
Concen: 46.492 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

Tgt Ion: 98 Resp: 205265
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0

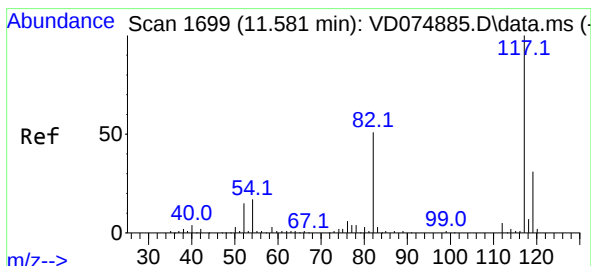
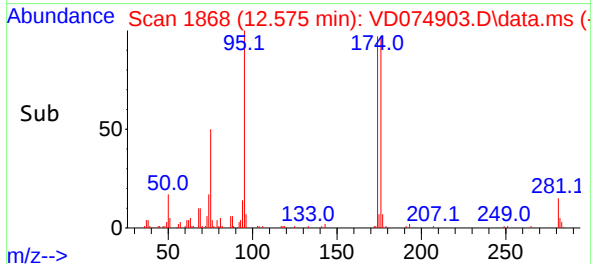
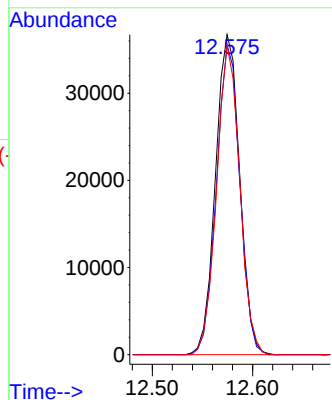
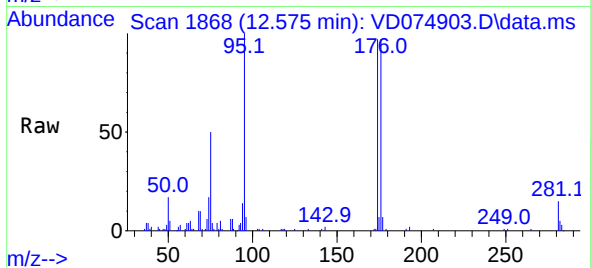




#62
4-Bromofluorobenzene
Concen: 45.159 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

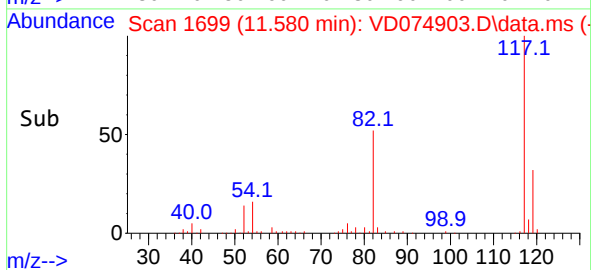
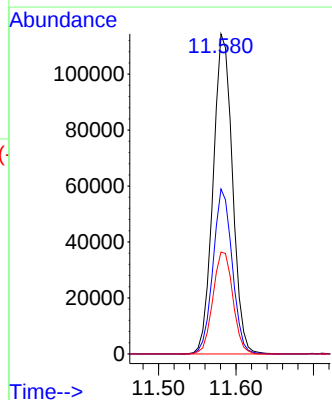
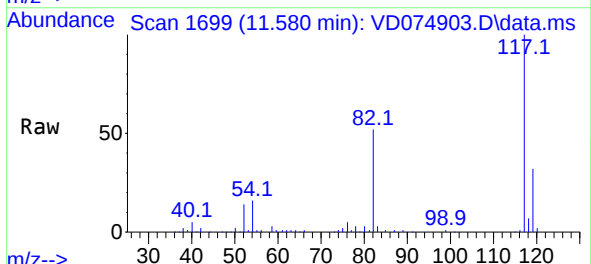
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBL02

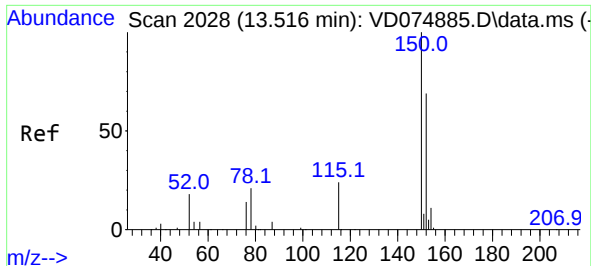
Tgt Ion: 95 Resp: 61222
Ion Ratio Lower Upper
95 100
174 94.1 0.0 197.0
176 92.7 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.001 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

Tgt Ion: 117 Resp: 198341
Ion Ratio Lower Upper
117 100
82 51.6 41.6 62.4
119 31.8 25.2 37.8

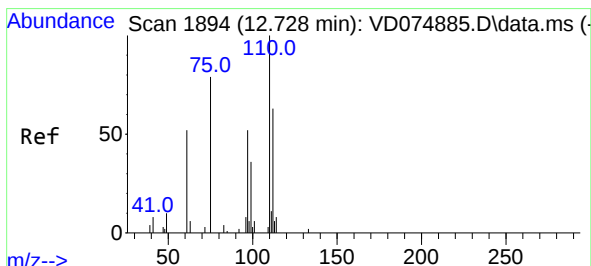
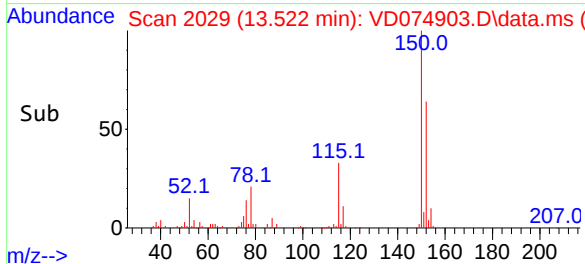
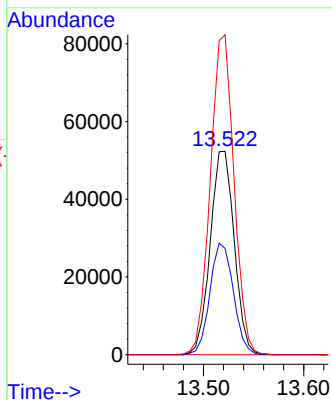
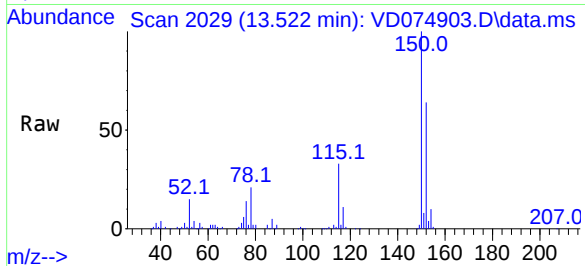




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2028
 Delta R.T. 0.006 min
 Lab File: VD074903.D
 Acq: 11 Nov 2022 23:03

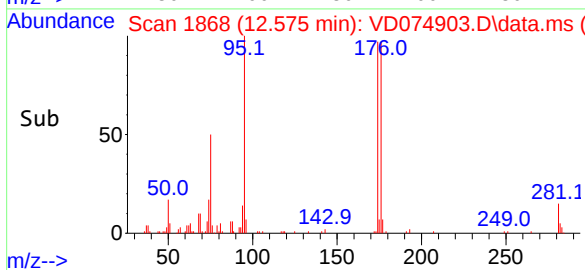
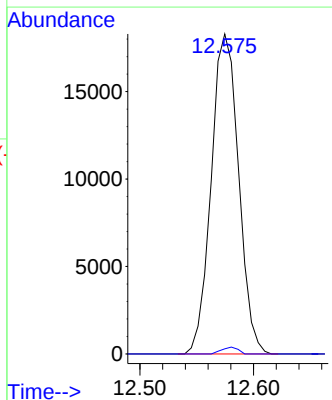
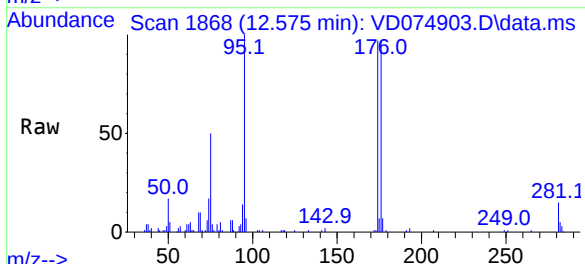
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBL02

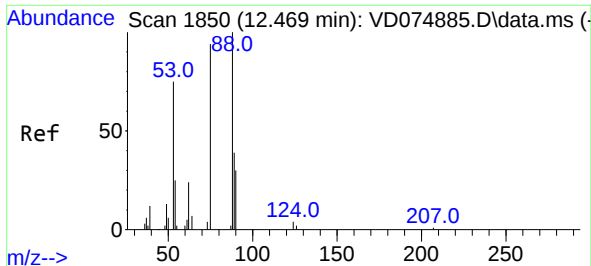
Tgt Ion:152 Resp: 87233
 Ion Ratio Lower Upper
 152 100
 115 53.5 26.8 80.4
 150 155.2 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 42.029 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD074903.D
 Acq: 11 Nov 2022 23:03

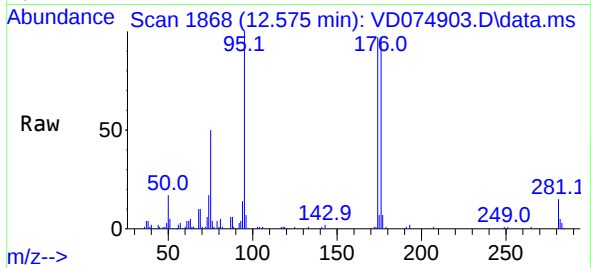
Tgt Ion: 75 Resp: 30665
 Ion Ratio Lower Upper
 75 100
 77 1.3 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.392 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074903.D
 Acq: 11 Nov 2022 23:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBL02



Tgt Ion:	75	Resp:	30665
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.5	38.2	57.4#

