

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074909.D
 Acq On : 12 Nov 2022 01:50
 Operator : VA/SY
 Sample : N5509-10
 Misc : 5.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-11

Quant Time: Nov 14 00:59:07 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

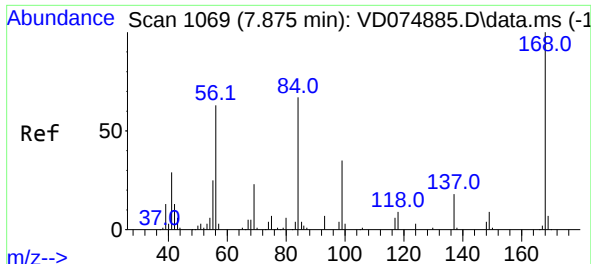
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	211825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	361791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	310480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	116678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	95343	70.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.240%	
35) Dibromofluoromethane	7.804	113	137884	61.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.660%	
50) Toluene-d8	10.269	98	416169	56.650	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.300%	
62) 4-Bromofluorobenzene	12.575	95	100115	44.381	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.760%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	113	Below Cal	#	40
3) Chloromethane	2.146	50	767	Below Cal	#	81
5) Bromomethane	2.699	94	1163	Below Cal	#	73
10) Methyl Iodide	4.163	142	786	5.046	ug/l #	54
11) Tert butyl alcohol	5.052	59	123	Below Cal	#	84
16) Acetone	4.028	43	4552	13.017	ug/l #	86
18) Methyl Acetate	4.563	43	63	Below Cal	#	44
20) Methylene Chloride	4.804	84	18635	Below Cal		91
25) 2-Butanone	7.093	43	2064	4.514	ug/l #	86
31) Cyclohexane	7.881	56	3819	1.237	ug/l #	4
36) 1,1-Dichloropropene	7.881	75	15135	4.618	ug/l #	46
37) Ethyl Acetate	7.093	43	2064	1.877	ug/l #	66
38) Carbon Tetrachloride	7.875	117	19864	6.438	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	50299	51.541	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	50299	126.793	ug/l #	17

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

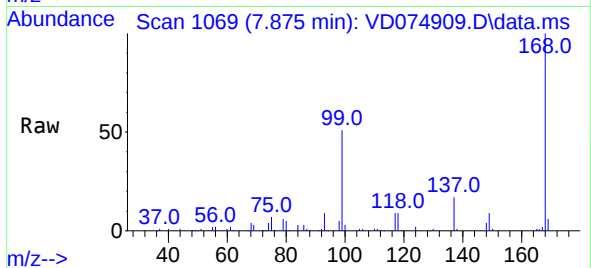
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
Response via : Initial Calibration



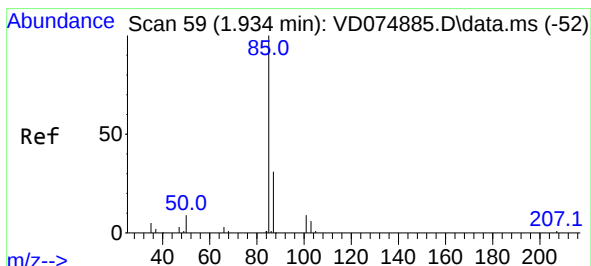
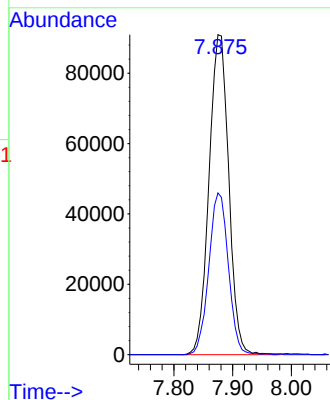
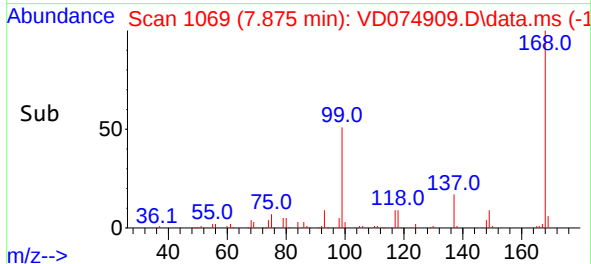


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

Instrument :
MSVOA_D
ClientSampleId :
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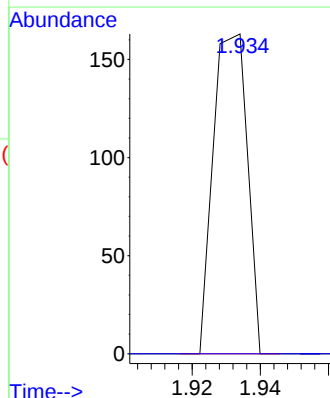
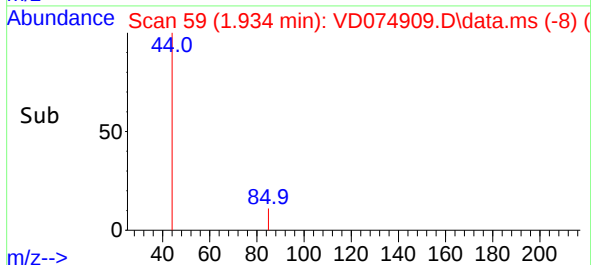
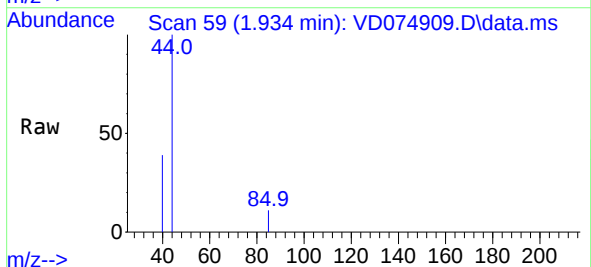


Tgt Ion:168 Resp: 211825
Ion Ratio Lower Upper
168 100
99 50.6 40.9 61.3

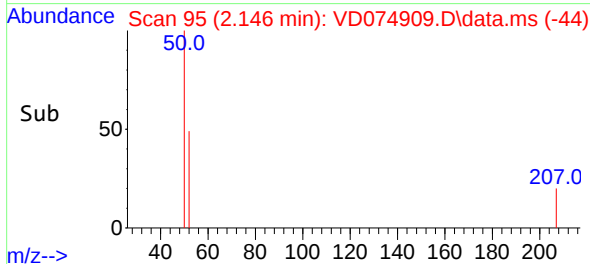
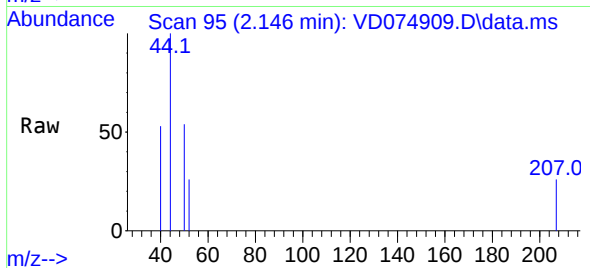
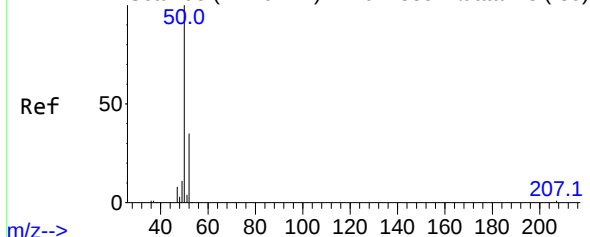


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

Tgt Ion: 85 Resp: 113
Ion Ratio Lower Upper
85 100
87 0.0 17.5 52.6#



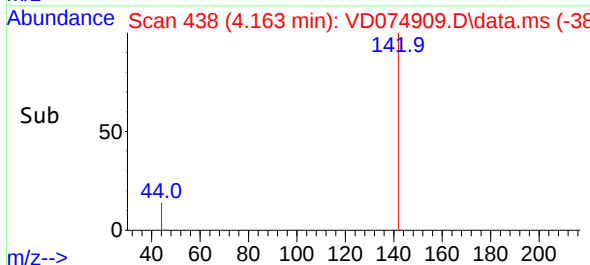
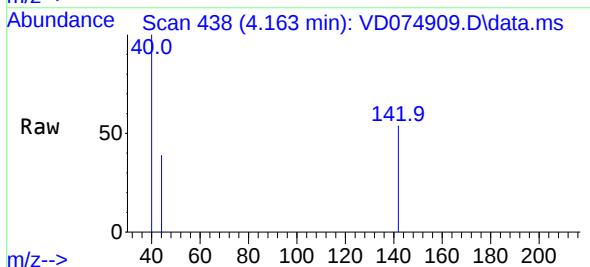
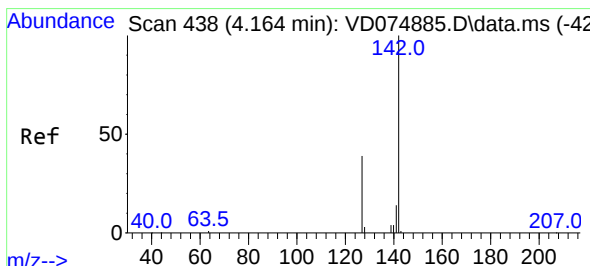
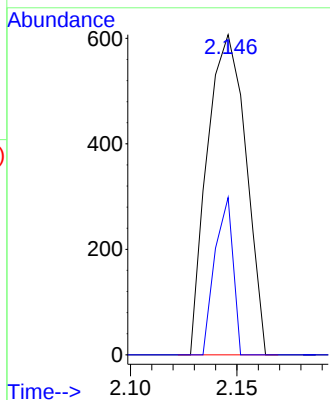
Abundance Scan 95 (2.146 min): VD074885.D\data.ms (-89)



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

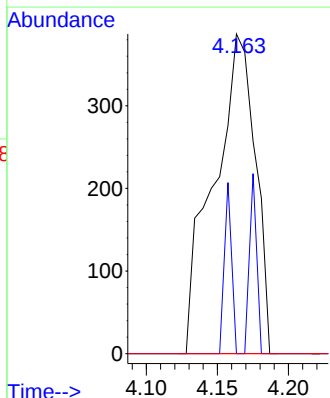
Instrument :
MSVOA_D
ClientSampleId :
TP-11

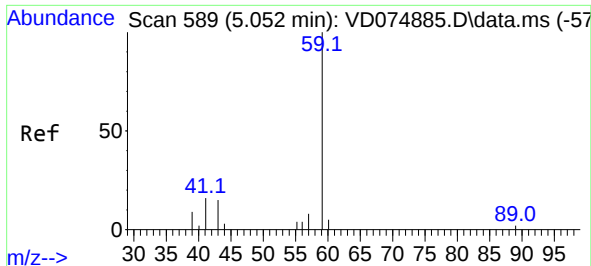
Tgt Ion: 50 Resp: 767
Ion Ratio Lower Upper
50 100
52 49.1 30.0 45.0#



#10
Methyl Iodide
Concen: 5.046 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

Tgt Ion: 142 Resp: 786
Ion Ratio Lower Upper
142 100
127 9.3 31.9 47.9#
141 0.0 11.4 17.2#

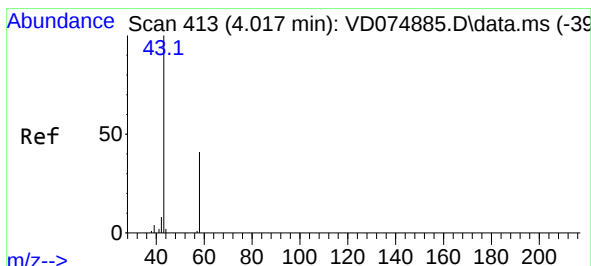
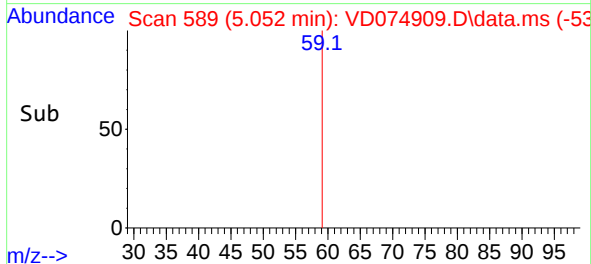
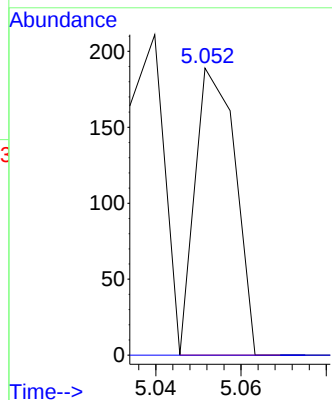
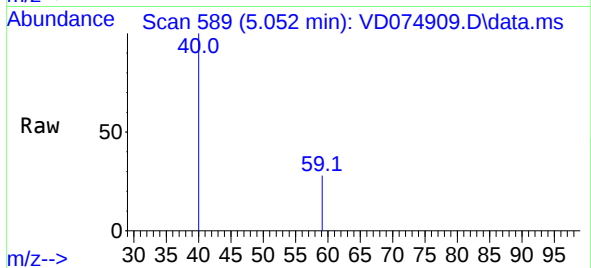




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.052 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

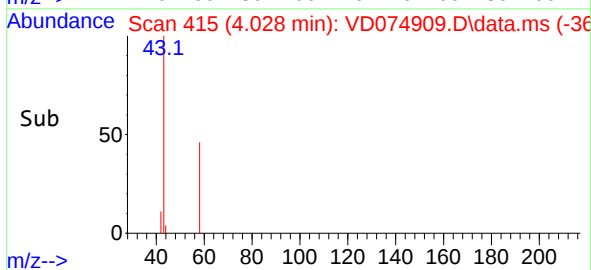
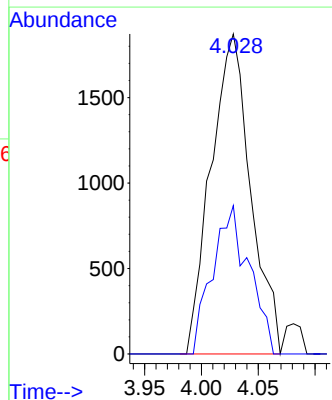
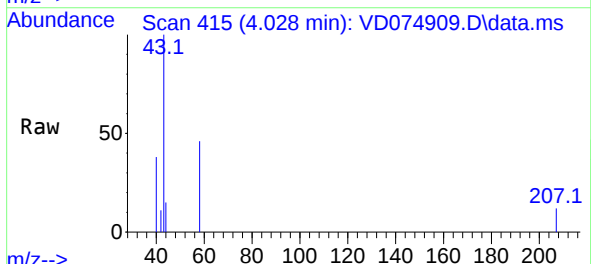
Instrument :
MSVOA_D
ClientSampleId :
TP-11

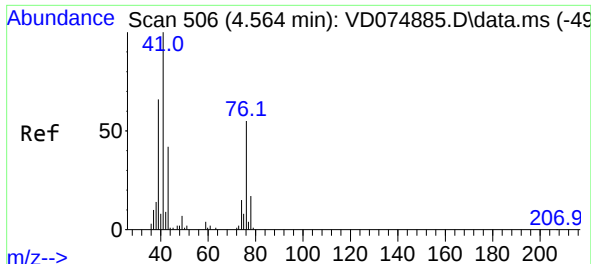
Tgt Ion: 59 Resp: 123
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 13.017 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

Tgt Ion: 43 Resp: 4552
Ion Ratio Lower Upper
43 100
58 46.4 30.2 45.2#

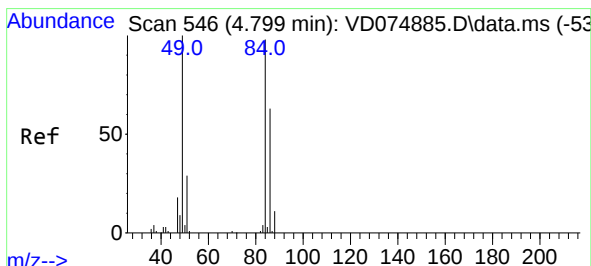
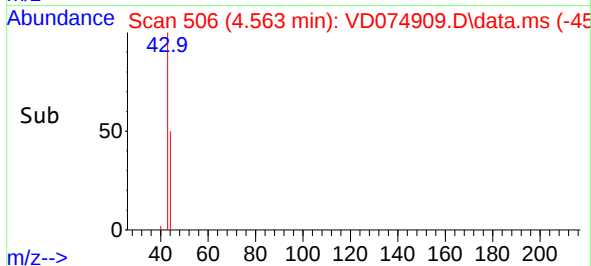
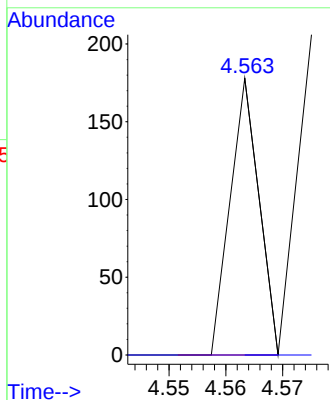
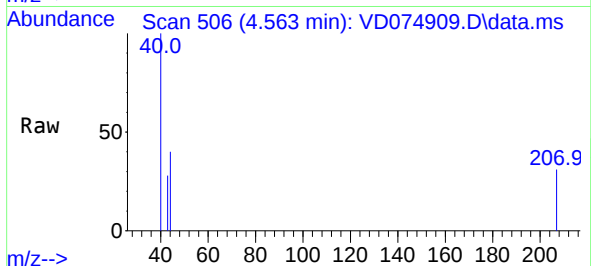




#18
Methyl Acetate
Concen: Below Cal
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

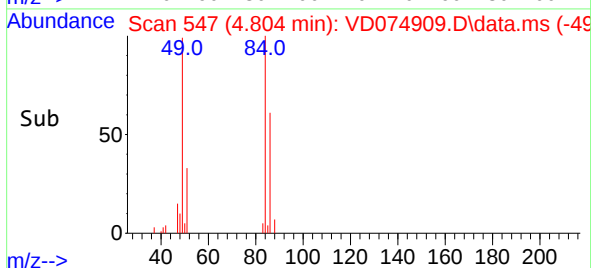
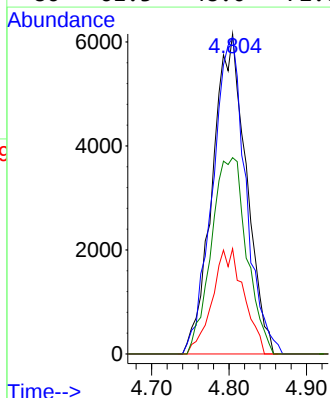
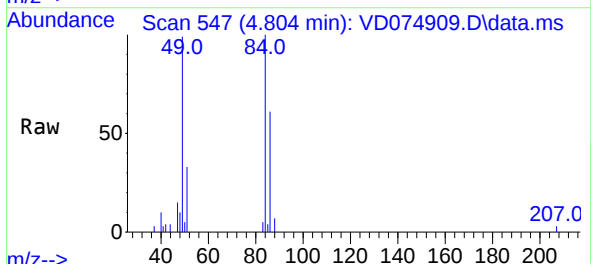
Instrument :
MSVOA_D
ClientSampleId :
TP-11

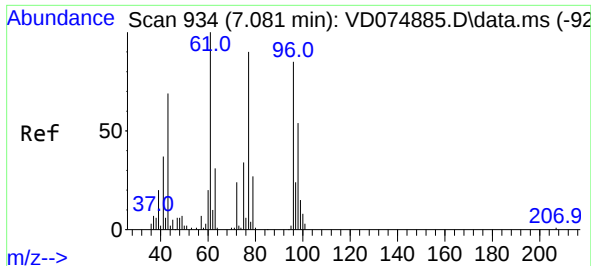
Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
74 0.0 24.7 37.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.804 min Scan# 547
Delta R.T. 0.005 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

Tgt Ion: 84 Resp: 18635
Ion Ratio Lower Upper
84 100
49 98.8 68.0 102.0
51 32.9 23.2 34.8
86 61.3 48.0 72.0





#25

2-Butanone

Concen: 4.514 ug/l

RT: 7.093 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD074909.D

Acq: 12 Nov 2022 01:50

Instrument :

MSVOA_D

ClientSampleId :

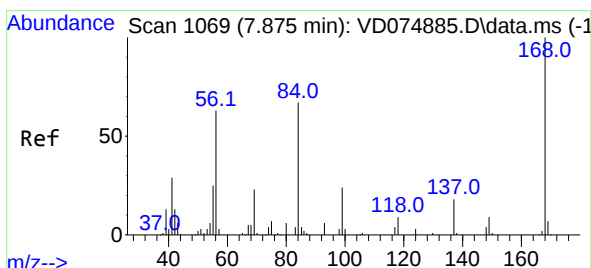
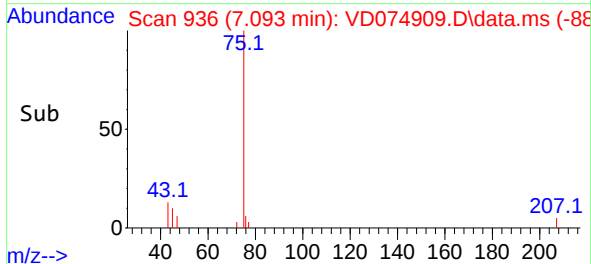
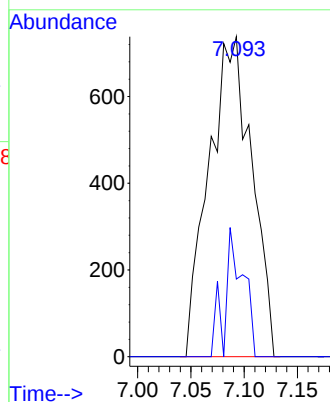
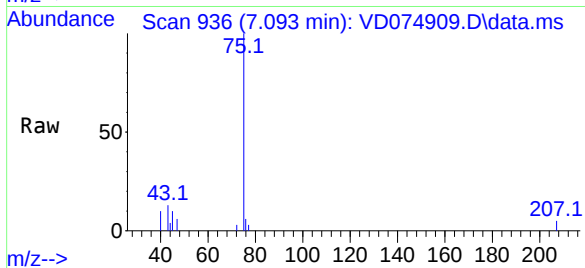
TP-11

Tgt Ion: 43 Resp: 2064

Ion Ratio Lower Upper

43 100

72 24.3 25.8 38.8#



#31

Cyclohexane

Concen: 1.237 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD074909.D

Acq: 12 Nov 2022 01:50

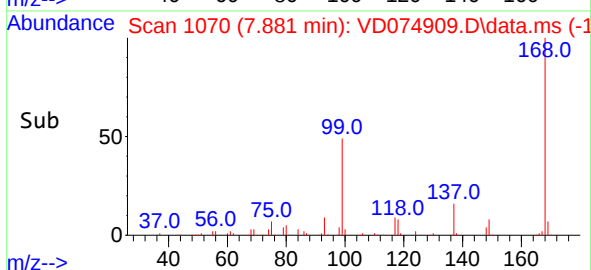
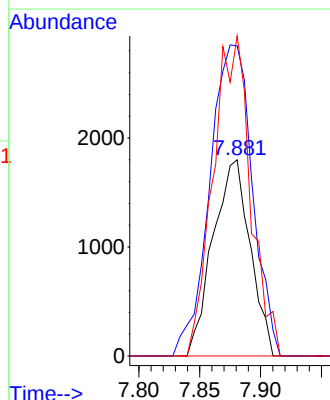
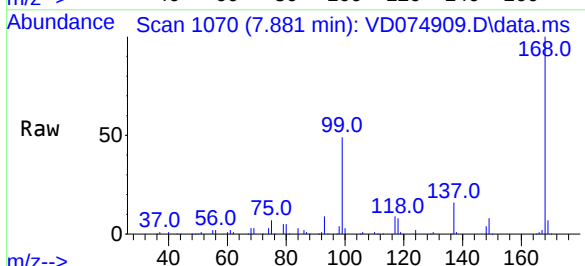
Tgt Ion: 56 Resp: 3819

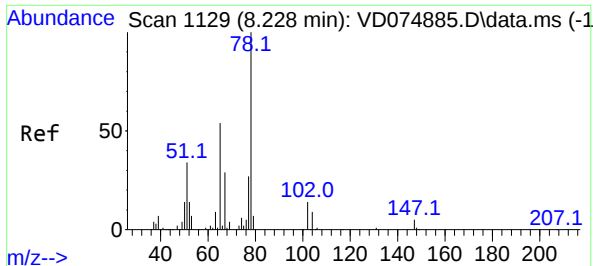
Ion Ratio Lower Upper

56 100

69 158.0 29.2 43.8#

84 163.1 83.4 125.2#

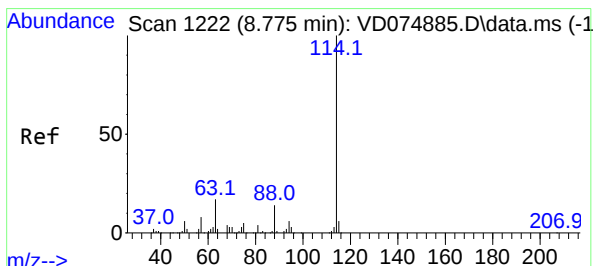
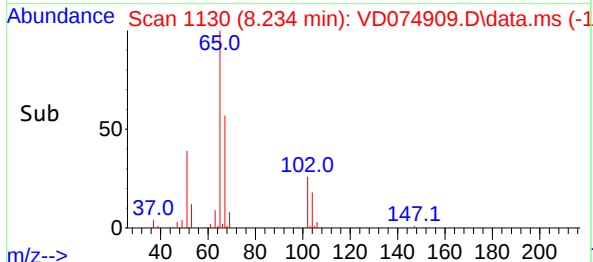
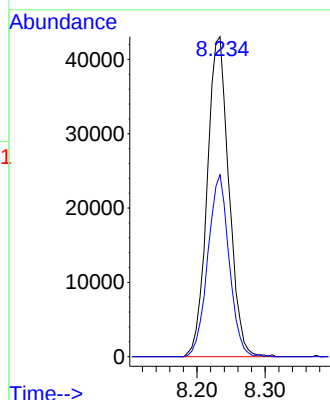
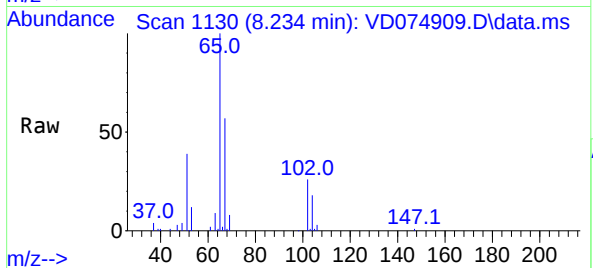




#33
1,2-Dichloroethane-d4
Concen: 70.124 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

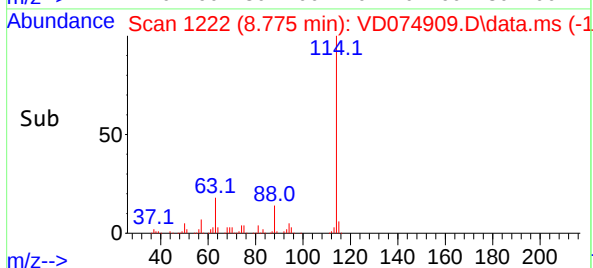
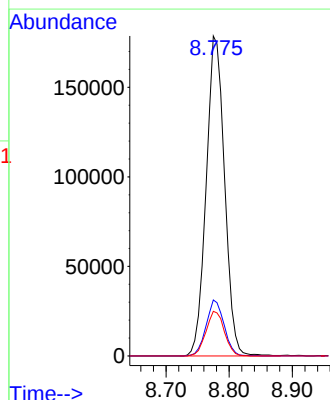
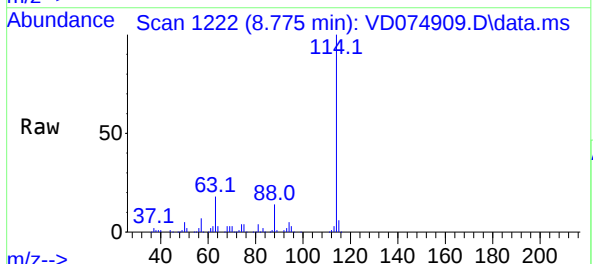
Instrument :
MSVOA_D
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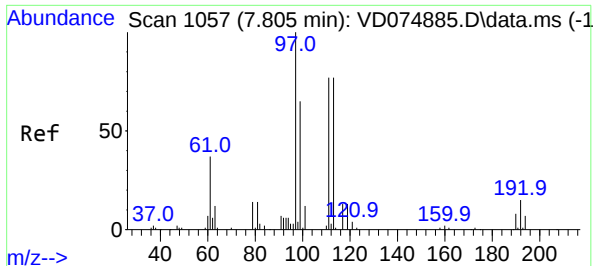
Tgt Ion: 65 Resp: 95343
Ion Ratio Lower Upper
65 100
67 55.7 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

Tgt Ion: 114 Resp: 361791
Ion Ratio Lower Upper
114 100
63 17.5 0.0 33.2
88 14.0 0.0 28.2

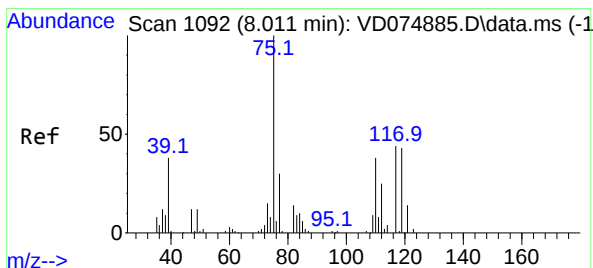
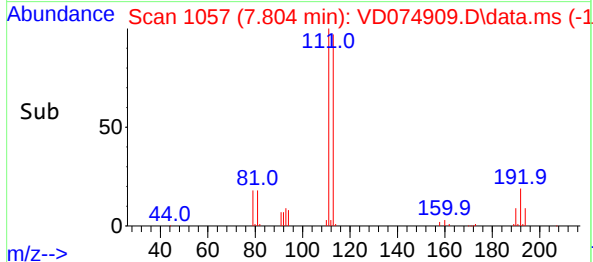
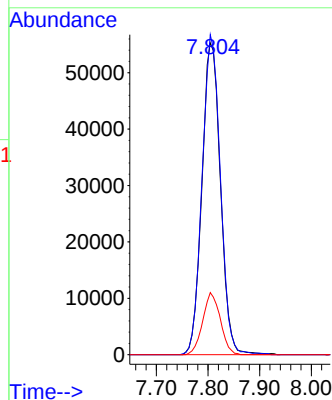
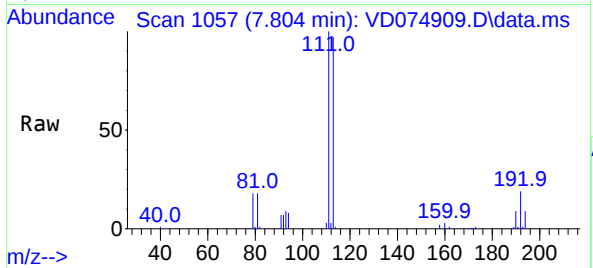




#35
Dibromofluoromethane
Concen: 61.826 ug/l
RT: 7.804 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

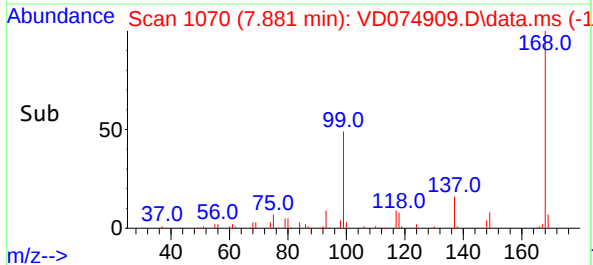
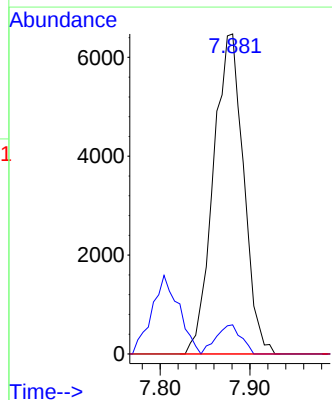
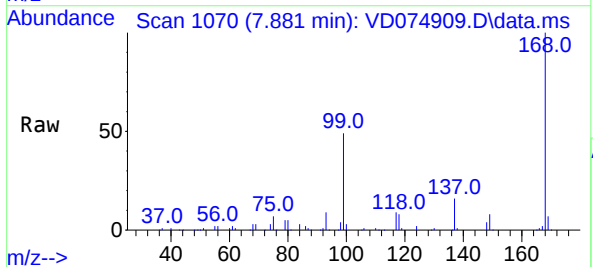
Instrument :
MSVOA_D
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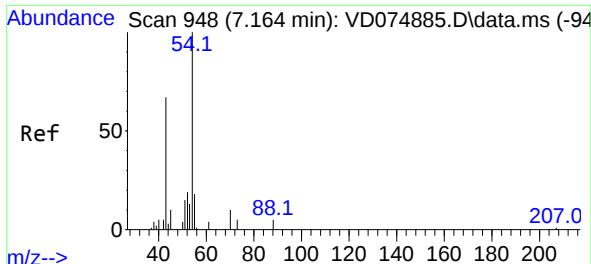
Tgt Ion:113 Resp: 137884
Ion Ratio Lower Upper
113 100
111 101.1 82.3 123.5
192 18.9 16.4 24.6



#36
1,1-Dichloropropene
Concen: 4.618 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.130 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

Tgt Ion: 75 Resp: 15135
Ion Ratio Lower Upper
75 100
110 7.5 19.7 59.0#
77 0.0 25.4 38.2#

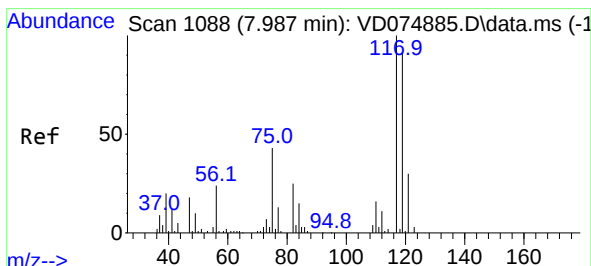
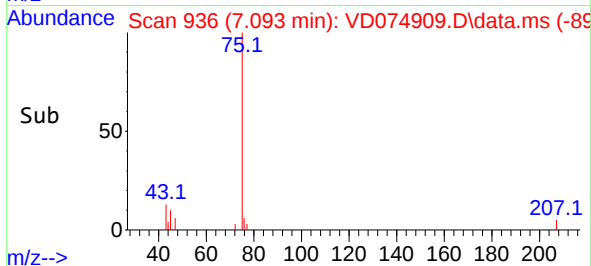
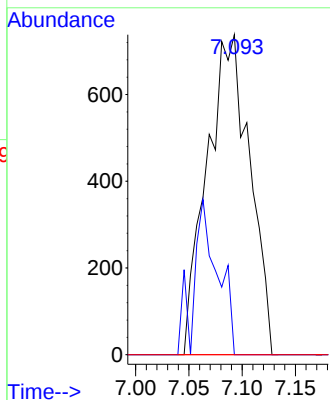
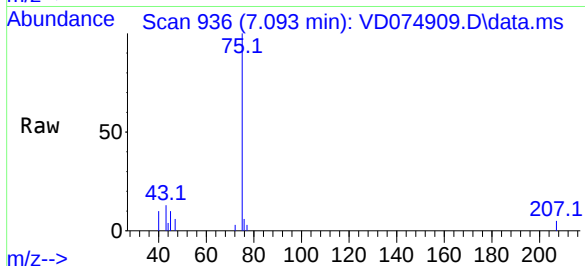




#37
Ethyl Acetate
Concen: 1.877 ug/l
RT: 7.093 min Scan# 91
Delta R.T. -0.071 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

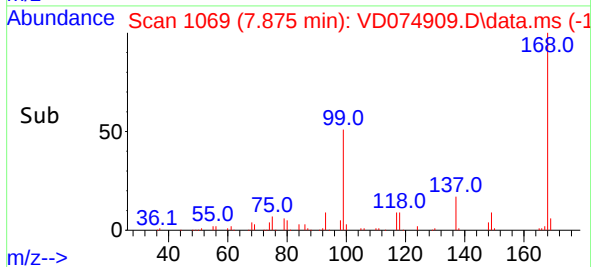
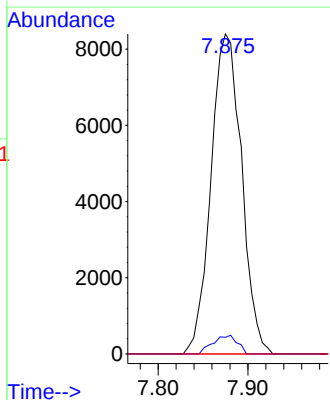
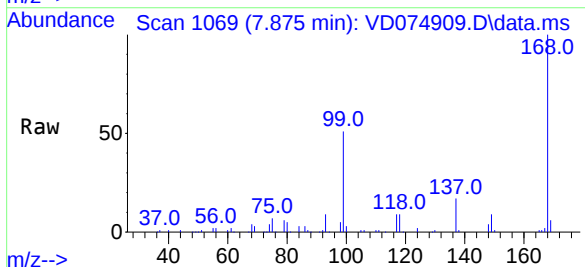
Instrument :
MSVOA_D
ClientSampleId :
TP-11

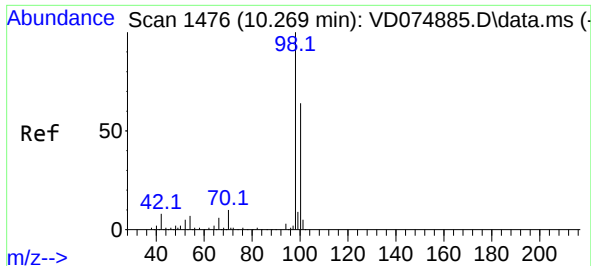
Tgt Ion: 43 Resp: 2064
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.4#
70 0.0 9.6 14.4#



#38
Carbon Tetrachloride
Concen: 6.438 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

Tgt Ion: 117 Resp: 19864
Ion Ratio Lower Upper
117 100
119 5.2 73.1 109.7#
121 0.0 25.0 37.6#

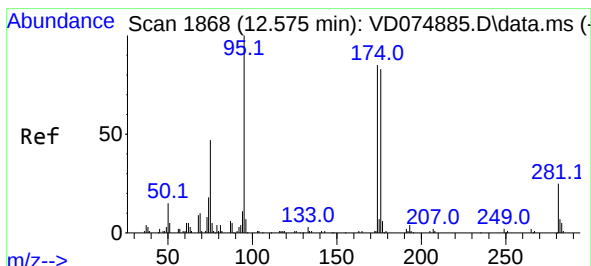
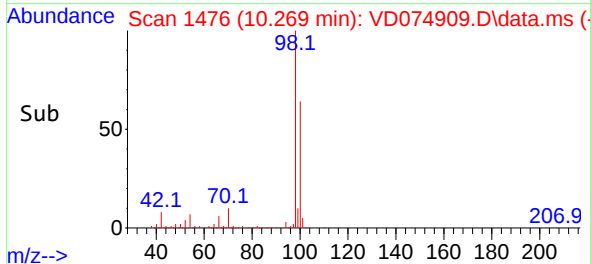
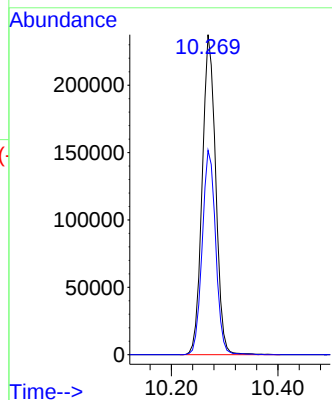
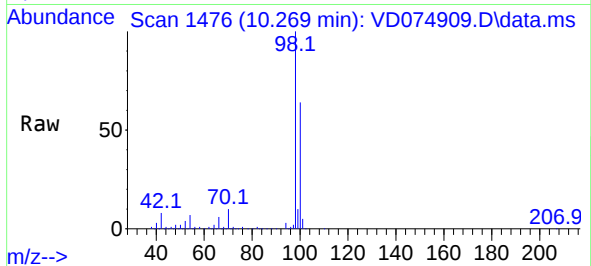




#50
Toluene-d8
Concen: 56.650 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

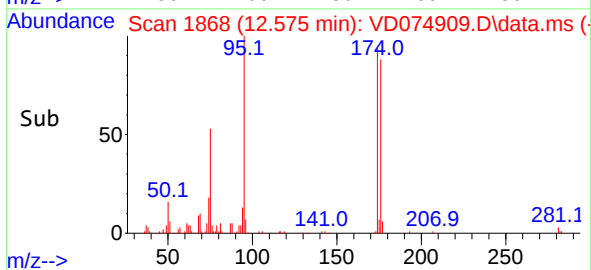
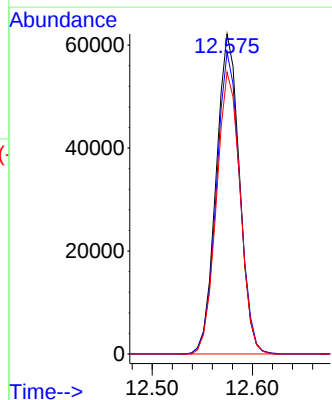
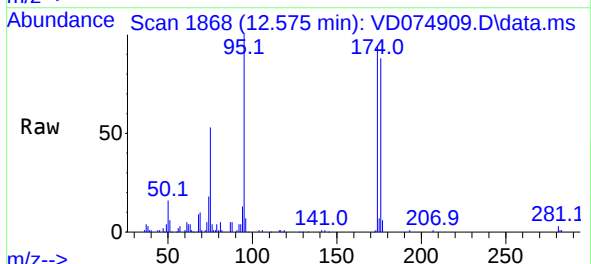
Instrument :
MSVOA_D
ClientSampleId :
TP-11

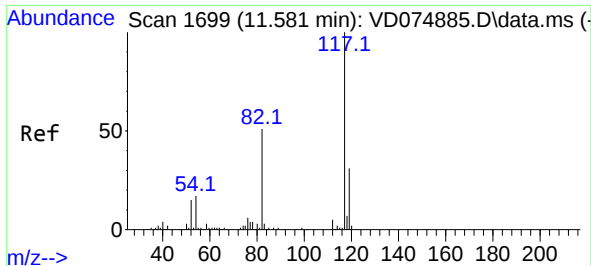
Tgt Ion: 98 Resp: 416169
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.381 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

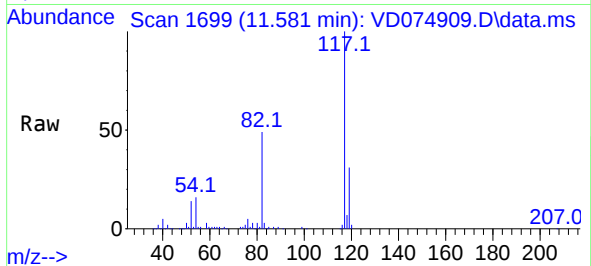
Tgt Ion: 95 Resp: 100115
Ion Ratio Lower Upper
95 100
174 94.7 0.0 197.0
176 89.3 0.0 182.6



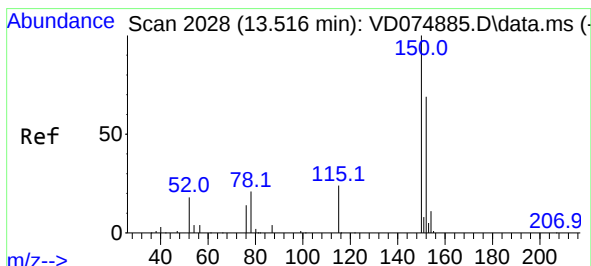
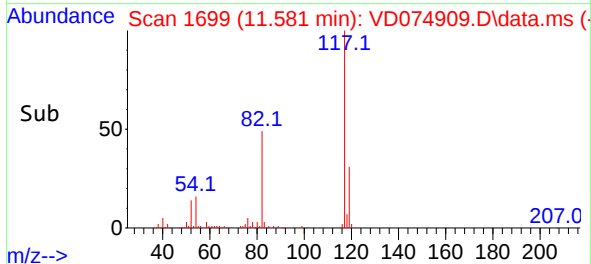
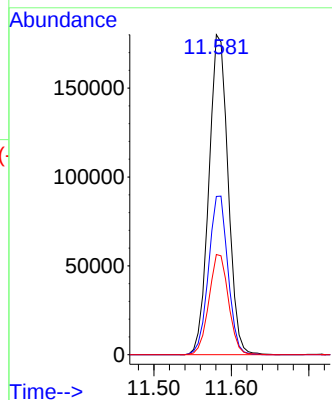


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

Instrument :
MSVOA_D
ClientSampleId :
TP-11

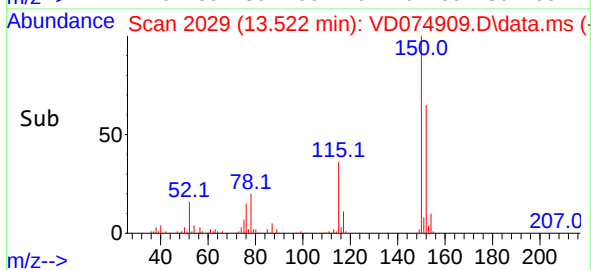
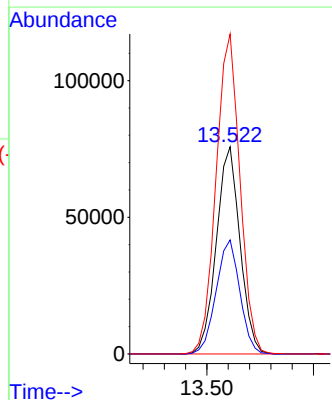
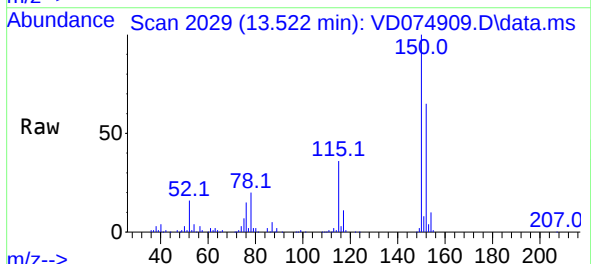


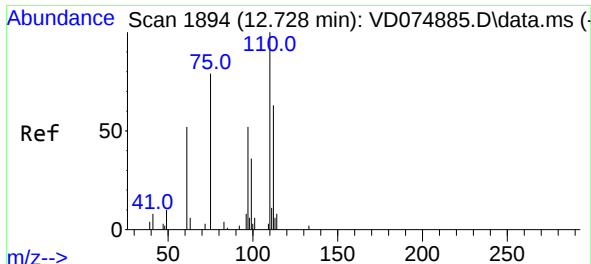
Tgt Ion:117 Resp: 310480
Ion Ratio Lower Upper
117 100
82 49.5 41.6 62.4
119 31.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

Tgt Ion:152 Resp: 116678
Ion Ratio Lower Upper
152 100
115 55.2 26.8 80.4
150 156.3 0.0 348.2

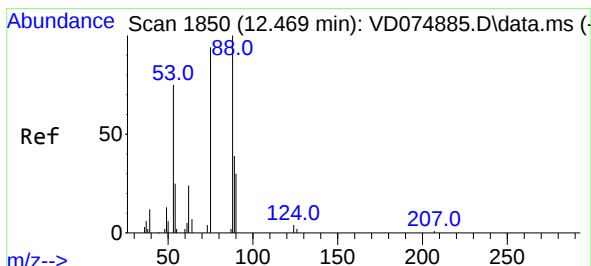
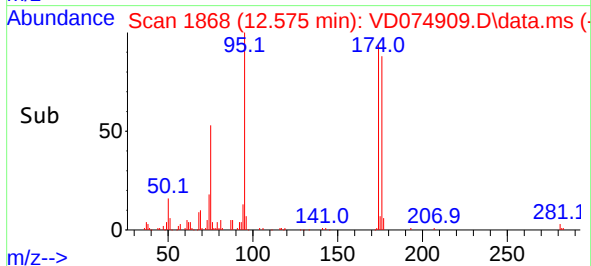
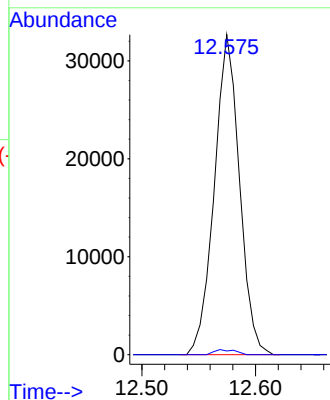
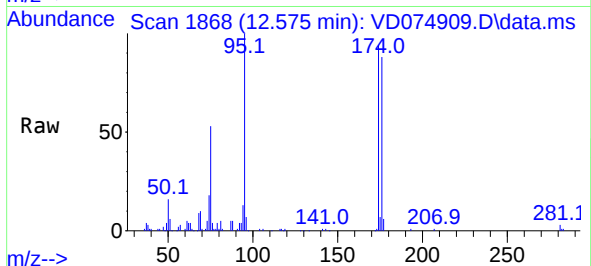




#76
1,2,3-Trichloropropane
Concen: 51.541 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

Instrument :
MSVOA_D
ClientSampleId :
TP-11

Tgt Ion: 75 Resp: 50299
Ion Ratio Lower Upper
75 100
77 1.3 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.793 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

Tgt Ion: 75 Resp: 50299
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

