

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111822\
 Data File : VD074990.D
 Acq On : 18 Nov 2022 15:25
 Operator : VA/SY
 Sample : N5664-02
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2

Quant Time: Nov 18 22:05:57 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)

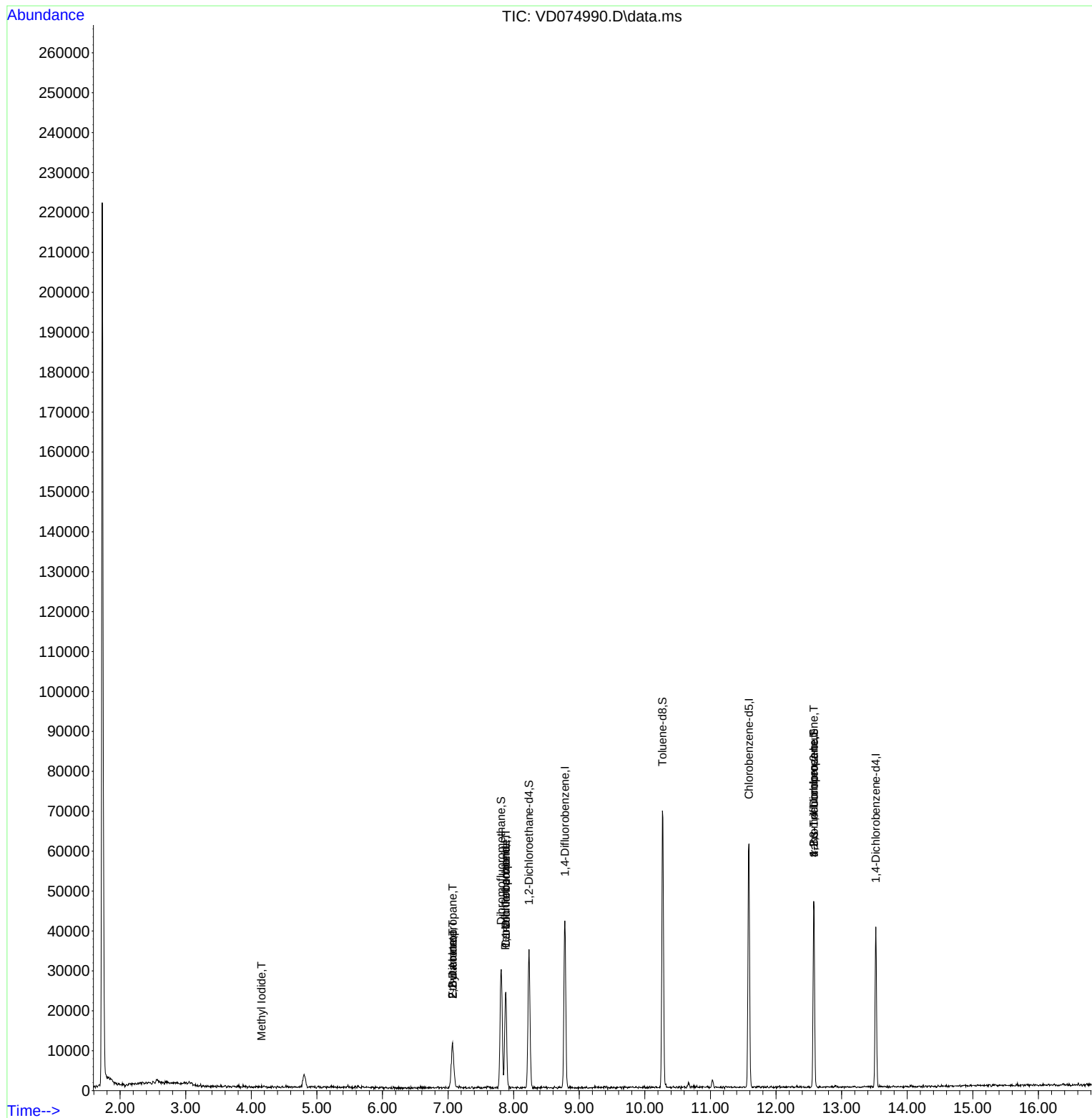
Internal Standards						
1) Pentafluorobenzene	7.875	168	20662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	42418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	40788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	12427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25962	207.800	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 415.600%#	
35) Dibromofluoromethane	7.810	113	22787	87.147	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 174.300%#	
50) Toluene-d8	10.269	98	51887	60.241	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 120.480%	
62) 4-Bromofluorobenzene	12.575	95	15342	58.008	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.020%	
Target Compounds						Qvalue
3) Chloromethane	2.146	50	70	Below Cal	#	37
5) Bromomethane	2.693	94	109	Below Cal		81
10) Methyl Iodide	4.158	142	55	4.968	ug/l #	43
20) Methylene Chloride	4.810	84	2948	Below Cal	#	90
25) 2-Butanone	7.069	43	186	4.170	ug/l #	42
26) 2,2-Dichloropropane	7.069	77	729	2.123	ug/l #	50
36) 1,1-Dichloropropene	7.881	75	1405	3.656	ug/l #	39
37) Ethyl Acetate	7.069	43	186	1.442	ug/l #	18
38) Carbon Tetrachloride	7.881	117	1764	4.877	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	7285	70.089	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	7285	172.420	ug/l #	17

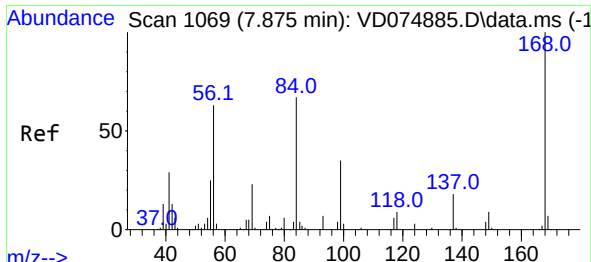
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111822\
Data File : VD074990.D
Acq On : 18 Nov 2022 15:25
Operator : VA/SY
Sample : N5664-02
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-2

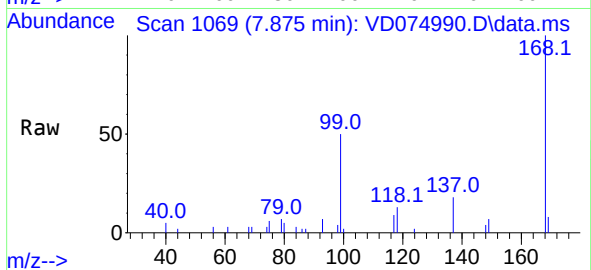
Quant Time: Nov 18 22:05:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
Response via : Initial Calibration



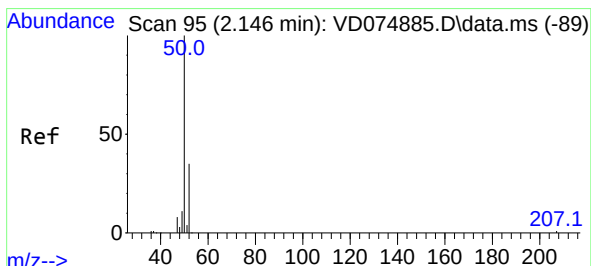
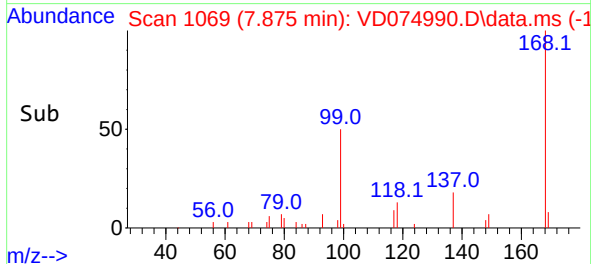
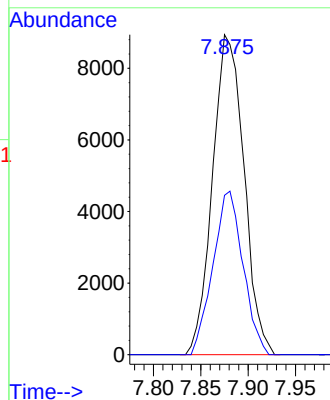


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074990.D
Acq: 18 Nov 2022 15:25

Instrument :
MSVOA_D
ClientSampleId :
B-2

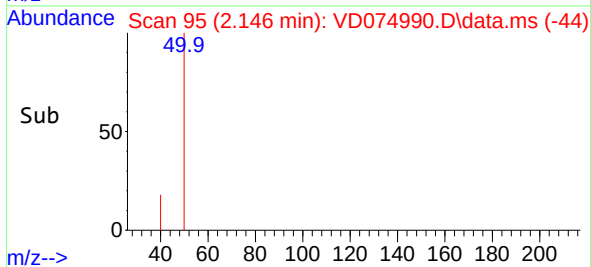
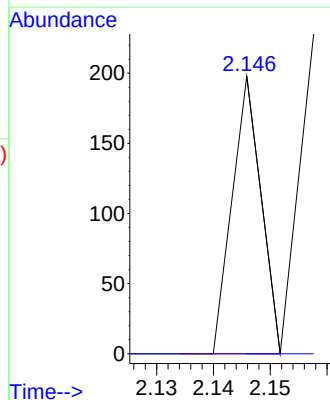
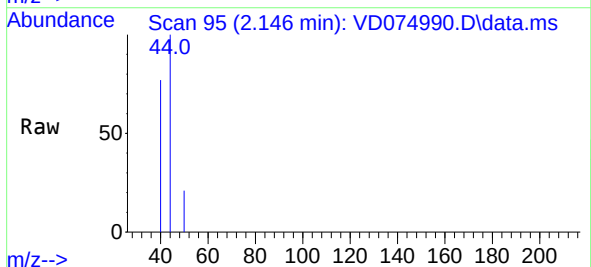


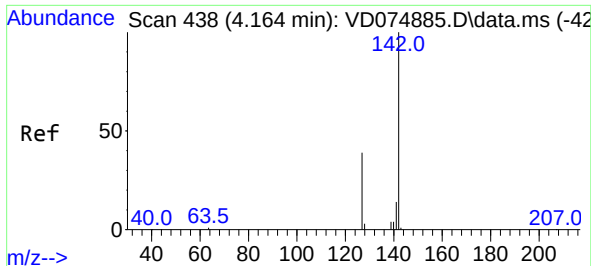
Tgt Ion:168 Resp: 20662
Ion Ratio Lower Upper
168 100
99 49.8 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD074990.D
Acq: 18 Nov 2022 15:25

Tgt Ion: 50 Resp: 70
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

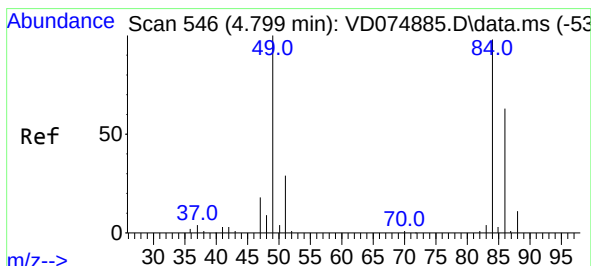
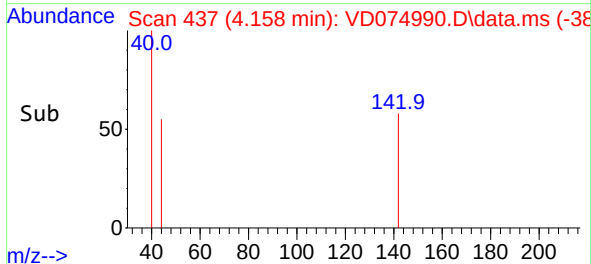
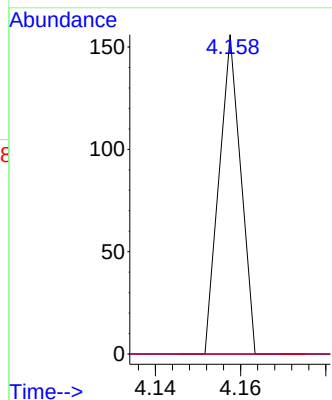
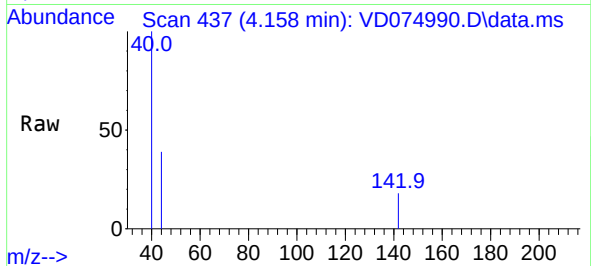




#10
Methyl Iodide
Concen: 4.968 ug/l
RT: 4.158 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074990.D
Acq: 18 Nov 2022 15:25

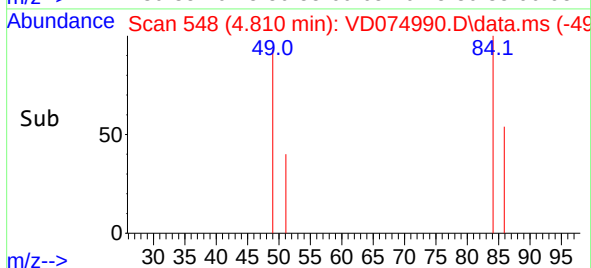
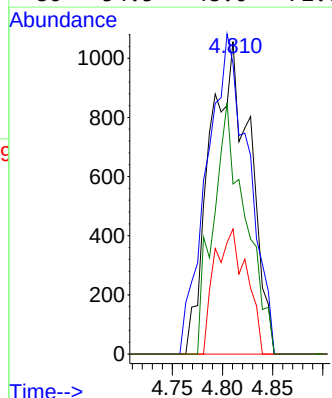
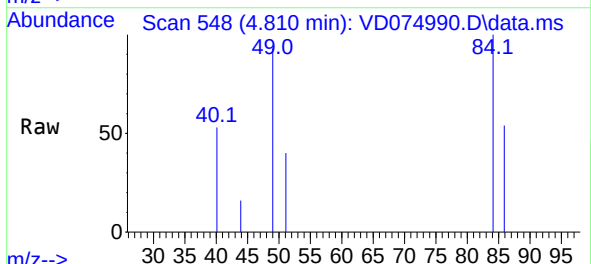
Instrument :
MSVOA_D
ClientSampleId :
B-2

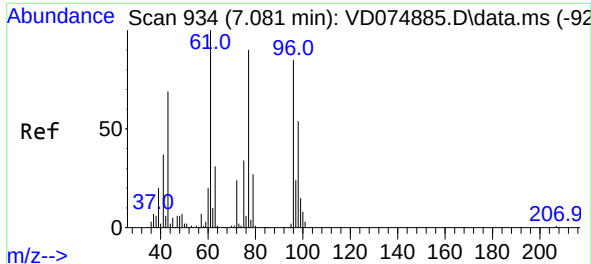
Tgt Ion:142 Resp: 55
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 548
Delta R.T. 0.011 min
Lab File: VD074990.D
Acq: 18 Nov 2022 15:25

Tgt Ion: 84 Resp: 2948
Ion Ratio Lower Upper
84 100
49 93.0 68.0 102.0
51 40.1 23.2 34.8#
86 54.5 48.0 72.0

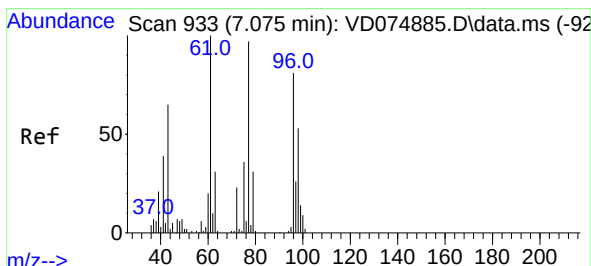
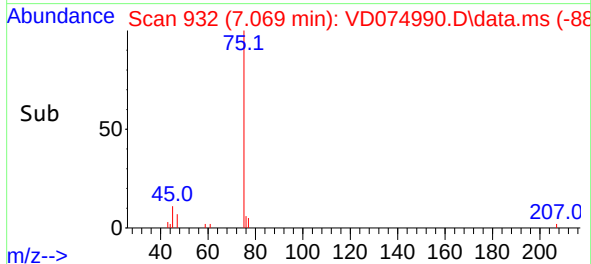
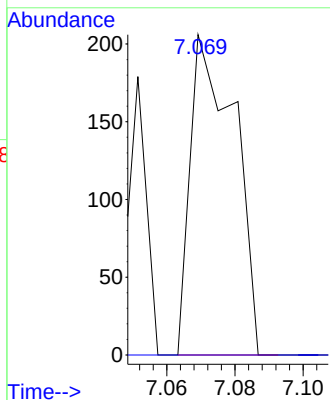
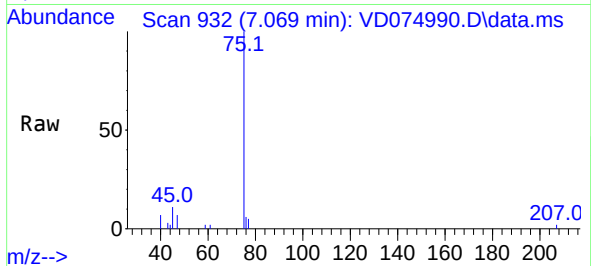




#25
2-Butanone
Concen: 4.170 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD074990.D
Acq: 18 Nov 2022 15:25

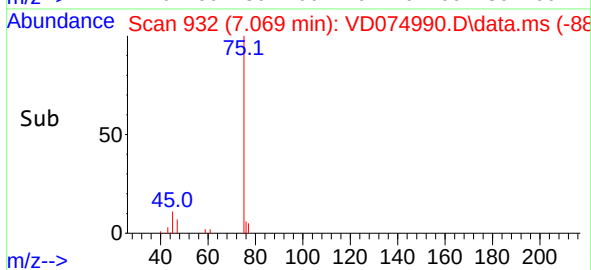
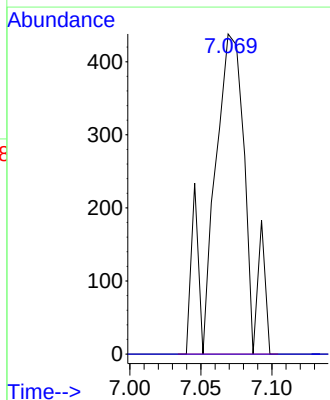
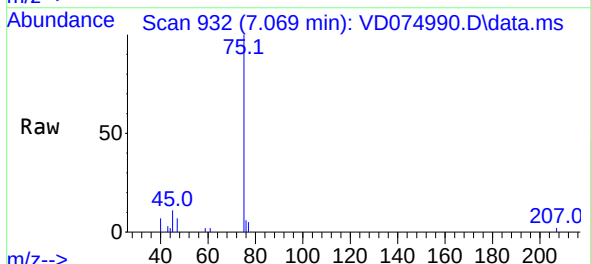
Instrument :
MSVOA_D
ClientSampleId :
B-2

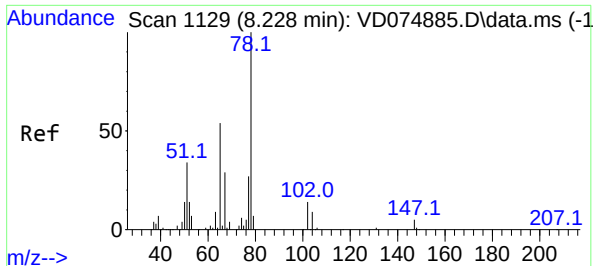
Tgt Ion: 43 Resp: 186
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#26
2,2-Dichloropropane
Concen: 2.123 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD074990.D
Acq: 18 Nov 2022 15:25

Tgt Ion: 77 Resp: 729
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#





#33

1,2-Dichloroethane-d4

Concen: 207.800 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074990.D

Acq: 18 Nov 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

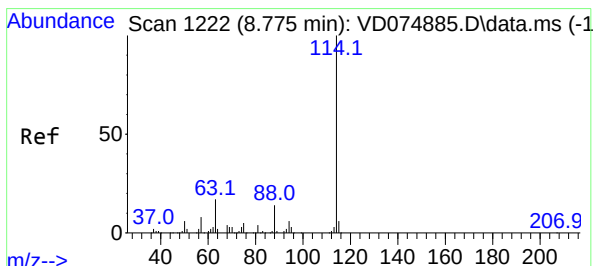
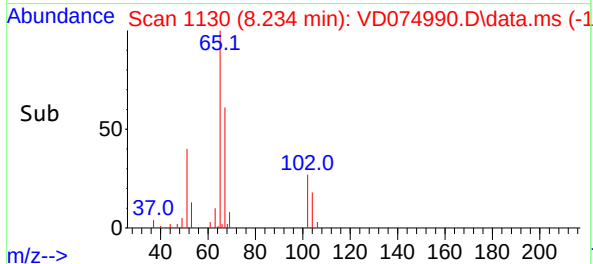
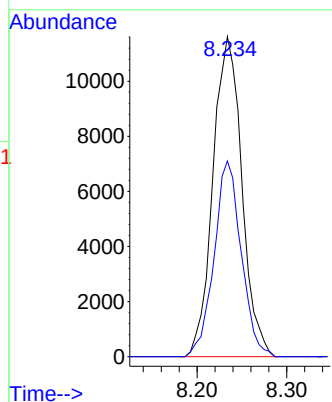
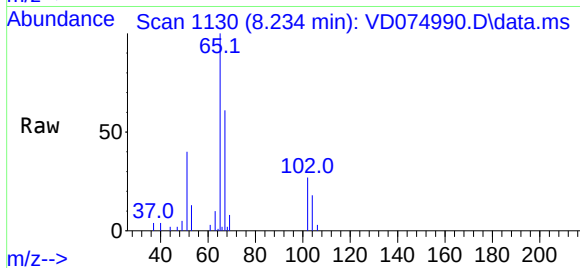
B-2

Tgt Ion: 65 Resp: 25962

Ion Ratio Lower Upper

65 100

67 57.4 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: VD074990.D

Acq: 18 Nov 2022 15:25

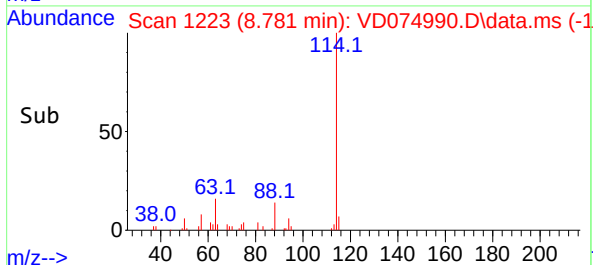
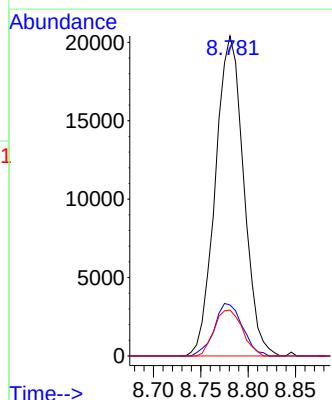
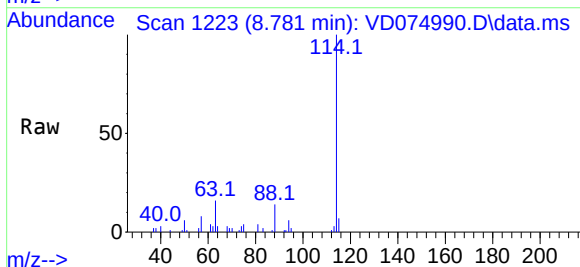
Tgt Ion: 114 Resp: 42418

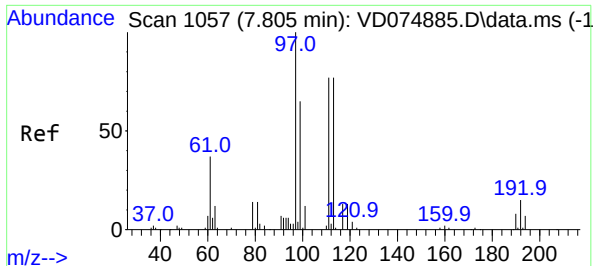
Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.2

88 14.3 0.0 28.2

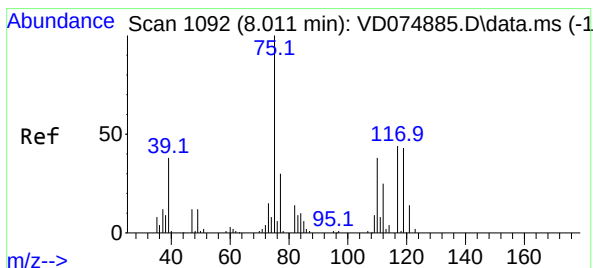
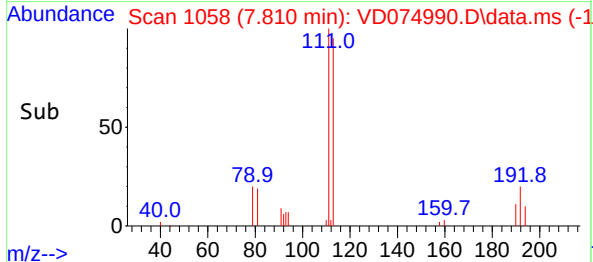
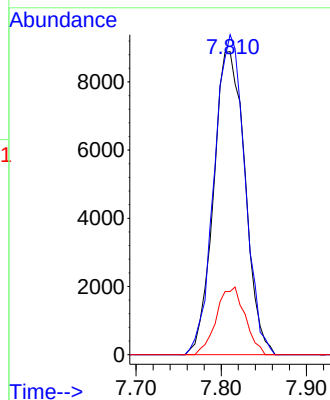
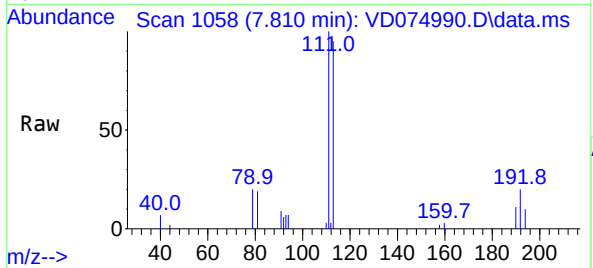




#35
 Dibromofluoromethane
 Concen: 87.147 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. 0.005 min
 Lab File: VD074990.D
 Acq: 18 Nov 2022 15:25

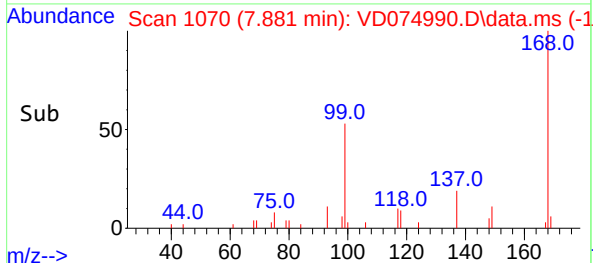
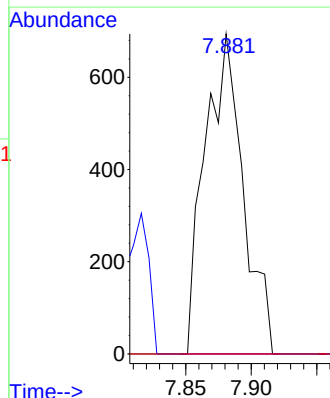
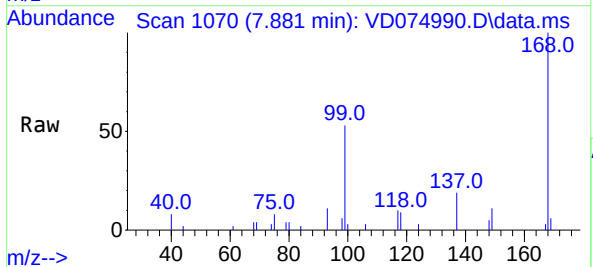
Instrument :
 MSVOA_D
 ClientSampleId :
 B-2

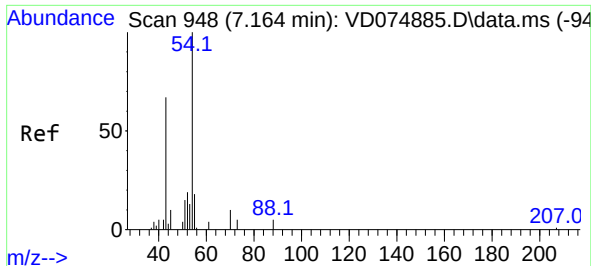
Tgt Ion:	113	Resp:	22787
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.3	123.5
192	20.2	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 3.656 ug/l
 RT: 7.881 min Scan# 1070
 Delta R.T. -0.130 min
 Lab File: VD074990.D
 Acq: 18 Nov 2022 15:25

Tgt Ion:	75	Resp:	1405
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.7	59.0#
77	0.0	25.4	38.2#





#37

Ethyl Acetate

Concen: 1.442 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.095 min

Lab File: VD074990.D

Acq: 18 Nov 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

B-2

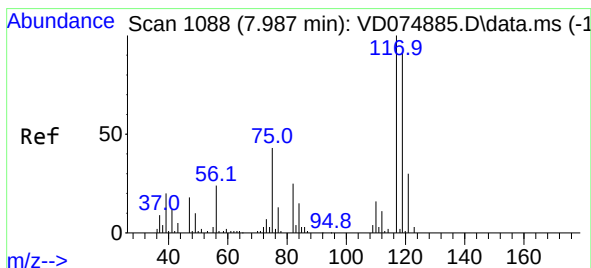
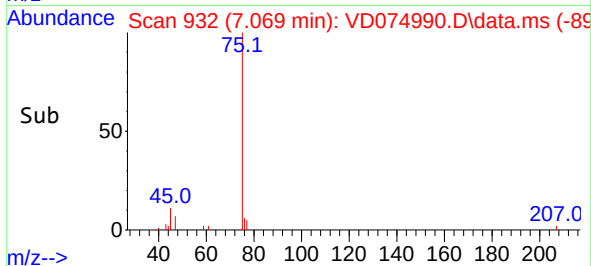
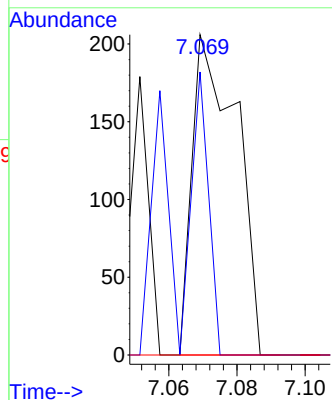
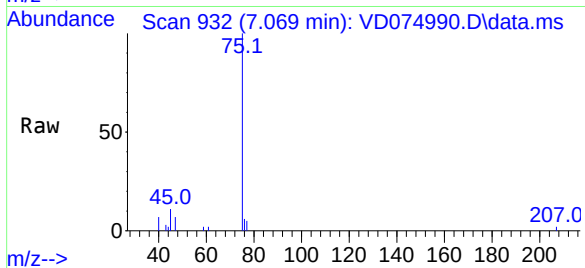
Tgt Ion: 43 Resp: 186

Ion Ratio Lower Upper

43 100

61 66.7 12.2 18.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 4.877 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.106 min

Lab File: VD074990.D

Acq: 18 Nov 2022 15:25

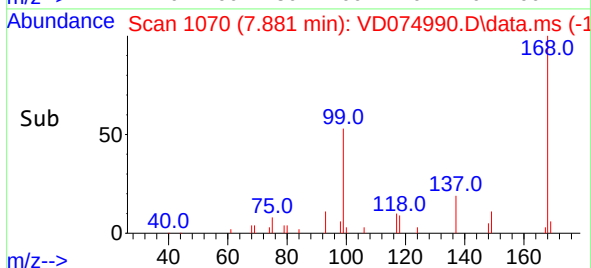
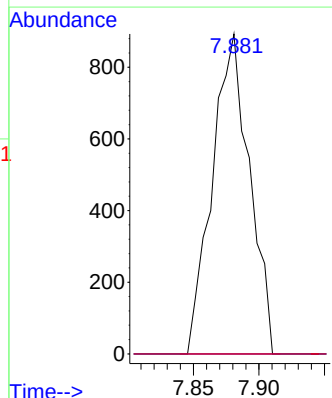
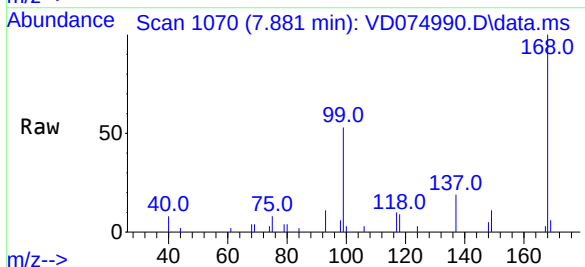
Tgt Ion: 117 Resp: 1764

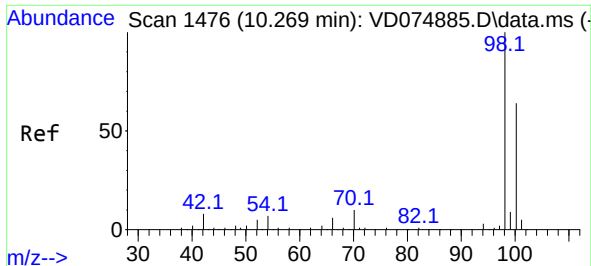
Ion Ratio Lower Upper

117 100

119 0.0 73.1 109.7#

121 0.0 25.0 37.6#

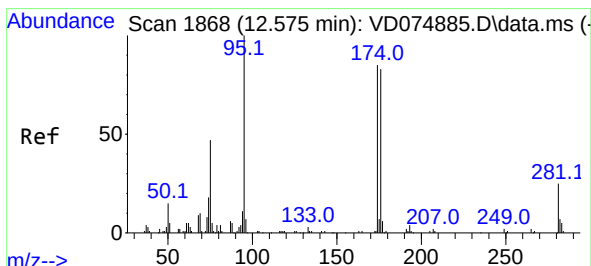
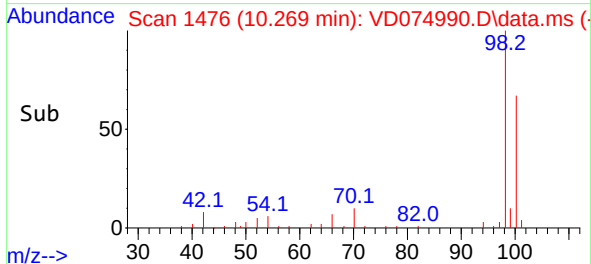
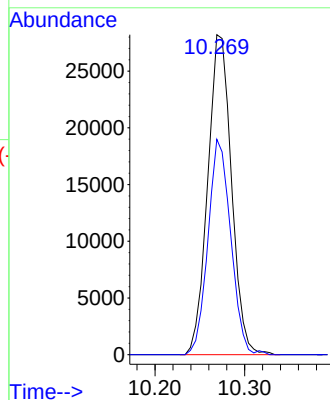
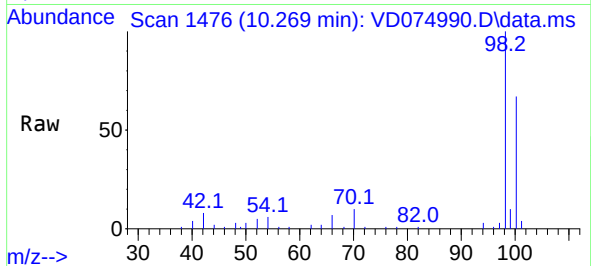




#50
Toluene-d8
Concen: 60.241 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074990.D
Acq: 18 Nov 2022 15:25

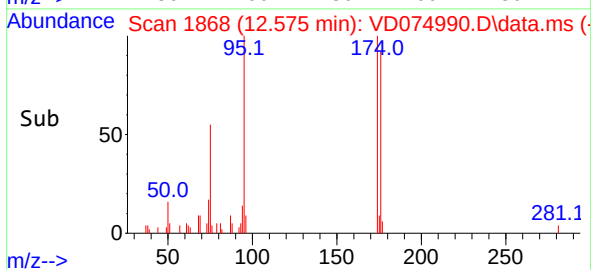
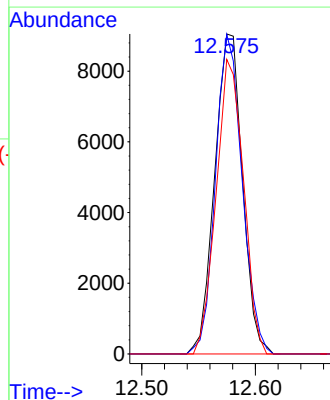
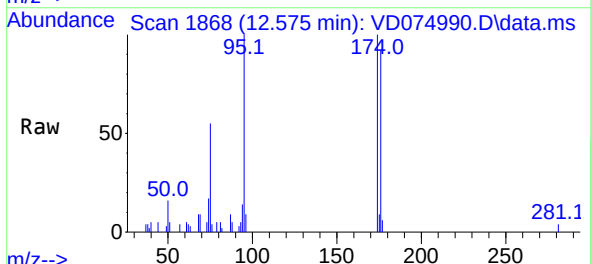
Instrument :
MSVOA_D
ClientSampleId :
B-2

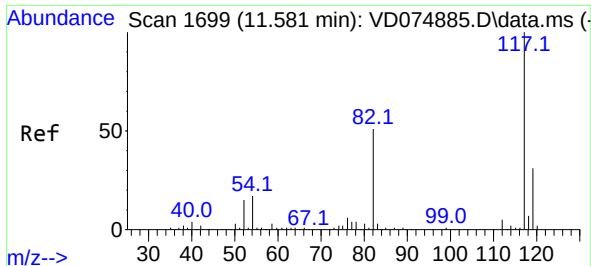
Tgt Ion: 98 Resp: 51887
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 58.008 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074990.D
Acq: 18 Nov 2022 15:25

Tgt Ion: 95 Resp: 15342
Ion Ratio Lower Upper
95 100
174 96.0 0.0 197.0
176 90.9 0.0 182.6

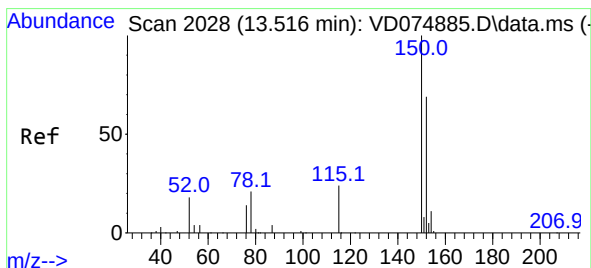
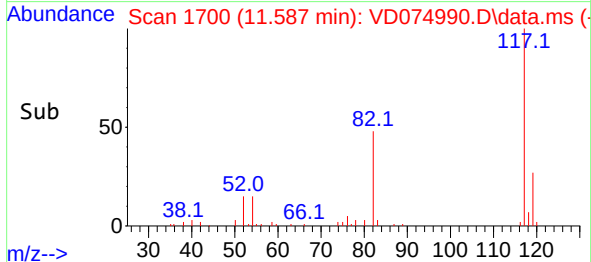
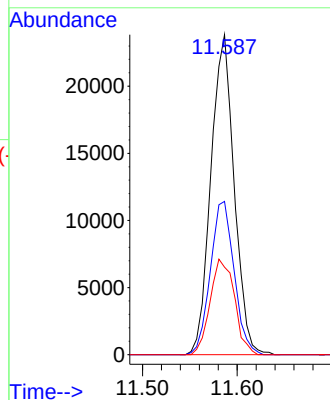
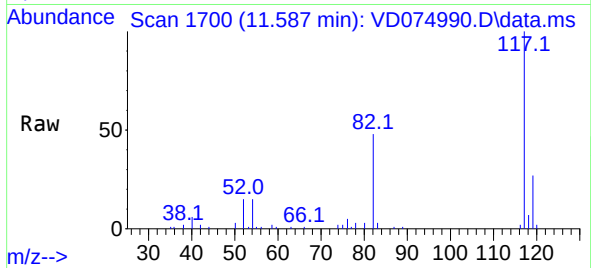




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074990.D
Acq: 18 Nov 2022 15:25

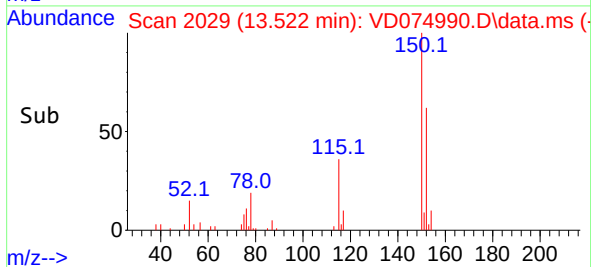
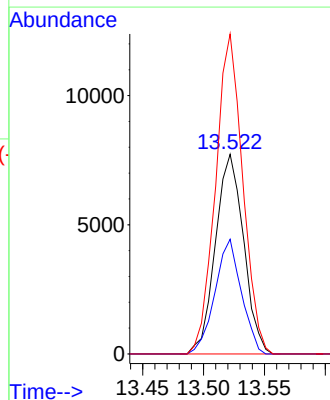
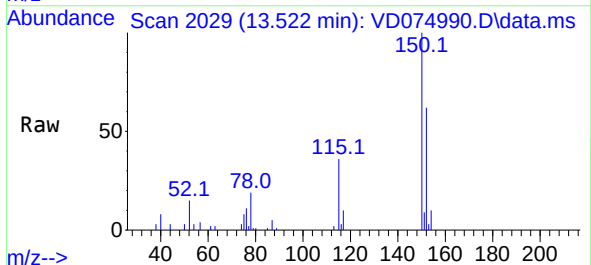
Instrument :
MSVOA_D
ClientSampleId :
B-2

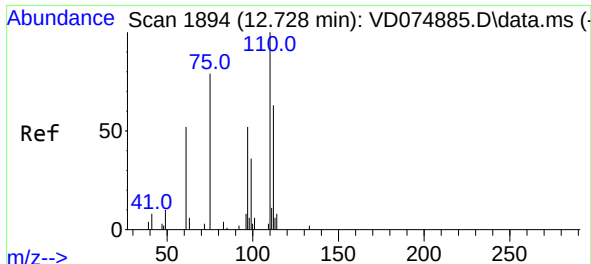
Tgt Ion:	117	Resp:	40788
Ion	Ratio	Lower	Upper
117	100		
82	47.9	41.6	62.4
119	27.4	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074990.D
Acq: 18 Nov 2022 15:25

Tgt Ion:	152	Resp:	12427
Ion	Ratio	Lower	Upper
152	100		
115	54.0	26.8	80.4
150	155.1	0.0	348.2

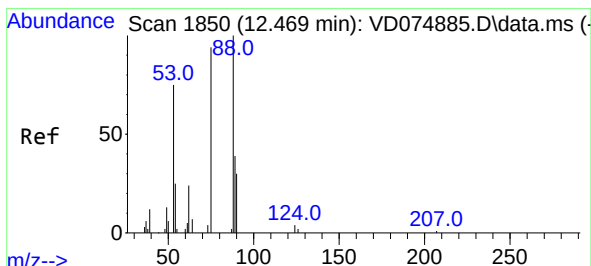
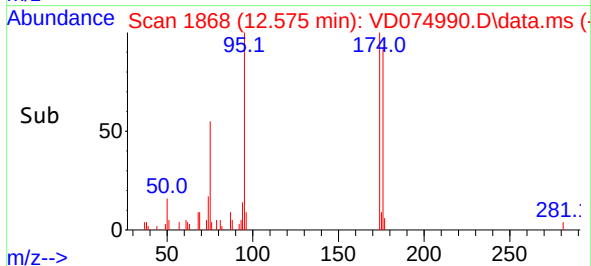
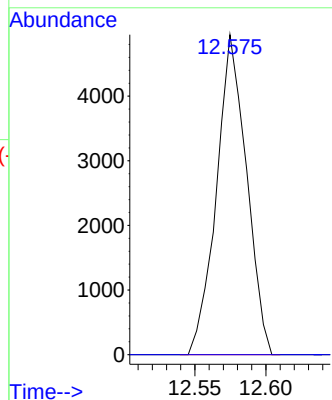
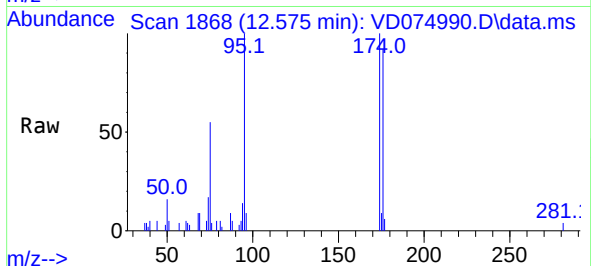




#76
1,2,3-Trichloropropane
Concen: 70.089 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074990.D
Acq: 18 Nov 2022 15:25

Instrument :
MSVOA_D
ClientSampleId :
B-2

Tgt Ion: 75 Resp: 7285
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 172.420 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074990.D
Acq: 18 Nov 2022 15:25

Tgt Ion: 75 Resp: 7285
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

