

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111622\
 Data File : VD074957.D
 Acq On : 16 Nov 2022 19:04
 Operator : VA/SY
 Sample : N5642-12
 Misc : 6.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LEFT-SIDE-FLATS-32

Quant Time: Nov 17 00:22:12 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)

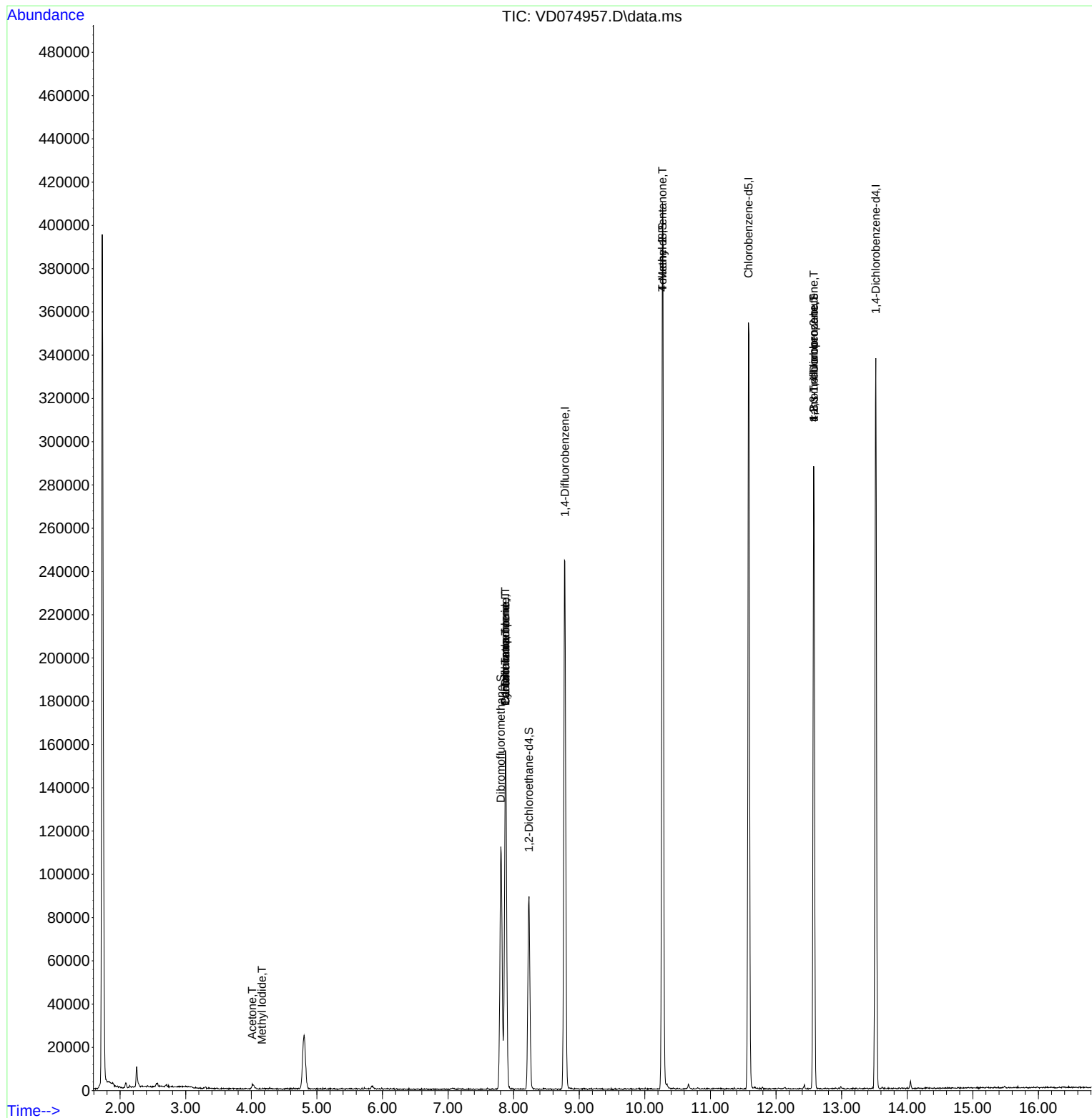
Internal Standards						
1) Pentafluorobenzene	7.875	168	129158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	239012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	226409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	98965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68876	84.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 168.640%#	
35) Dibromofluoromethane	7.804	113	83274	56.520	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.040%	
50) Toluene-d8	10.269	98	302554	62.340	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 124.680%	
62) 4-Bromofluorobenzene	12.575	95	86756	58.215	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	518	Below Cal	#	37
5) Bromomethane	2.693	94	620	Below Cal		83
10) Methyl Iodide	4.163	142	307	4.946	ug/l #	43
16) Acetone	4.016	43	3521	16.514	ug/l #	77
20) Methylene Chloride	4.799	84	22490	Below Cal		97
31) Cyclohexane	7.875	56	2343	1.244	ug/l #	8
36) 1,1-Dichloropropene	7.875	75	9459	4.368	ug/l #	46
38) Carbon Tetrachloride	7.875	117	12720	6.241	ug/l #	19
51) 4-Methyl-2-Pentanone	10.269	43	805	1.319	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	42952	51.890	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	42952	127.652	ug/l #	17

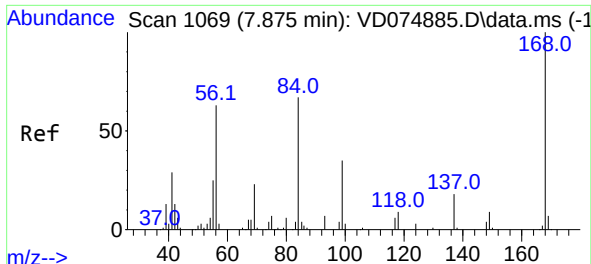
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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LEFT-SIDE-FLATS-32

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Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
Response via : Initial Calibration

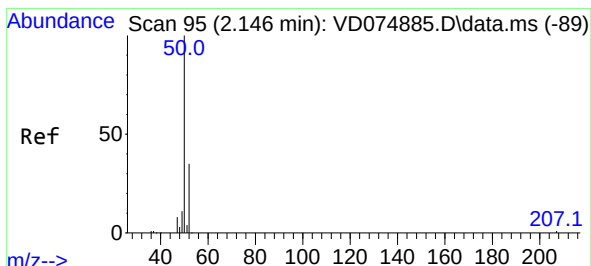
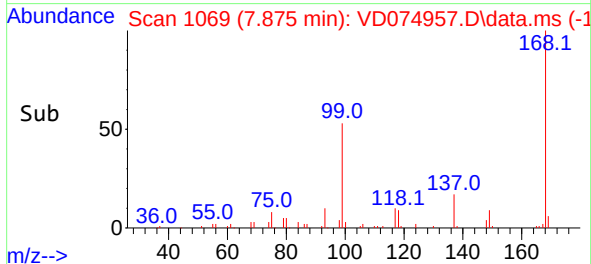
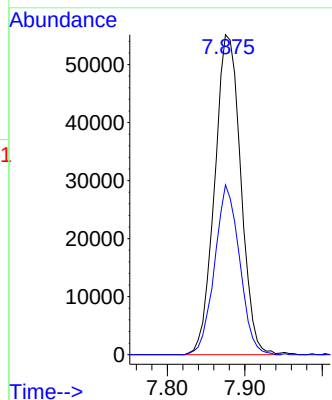
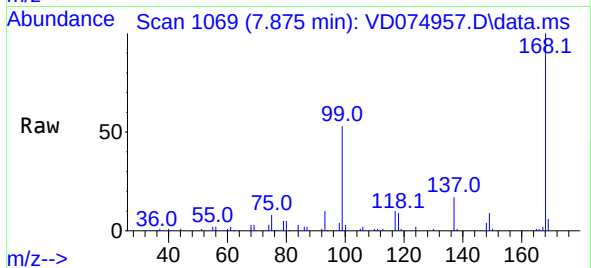




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074957.D
Acq: 16 Nov 2022 19:04

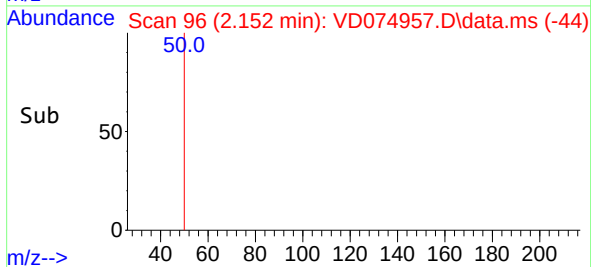
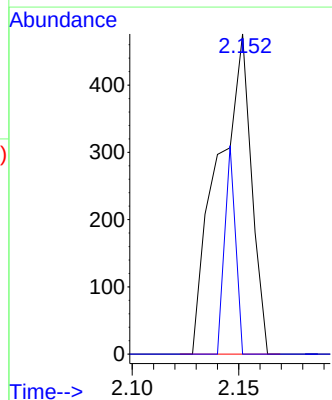
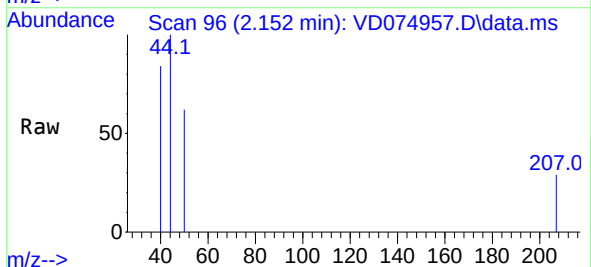
Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-32

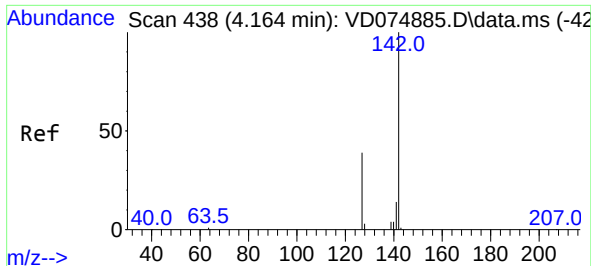
Tgt Ion:168 Resp: 129158
Ion Ratio Lower Upper
168 100
99 53.1 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD074957.D
Acq: 16 Nov 2022 19:04

Tgt Ion: 50 Resp: 518
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

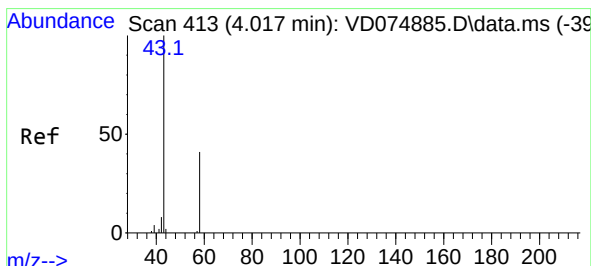
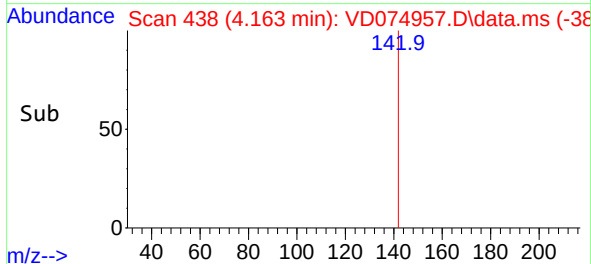
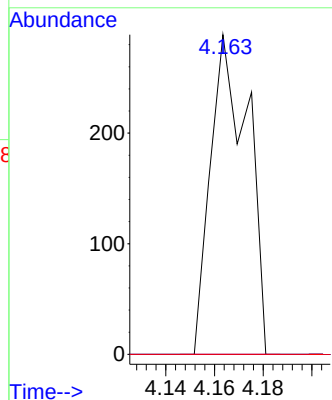
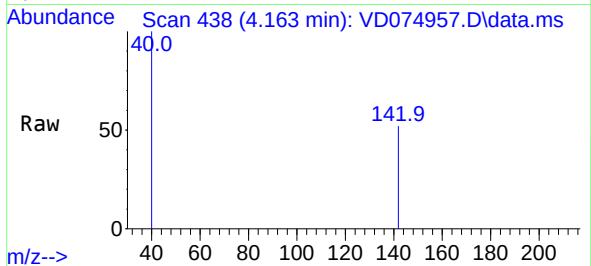




#10
Methyl Iodide
Concen: 4.946 ug/l
RT: 4.163 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD074957.D
Acq: 16 Nov 2022 19:04

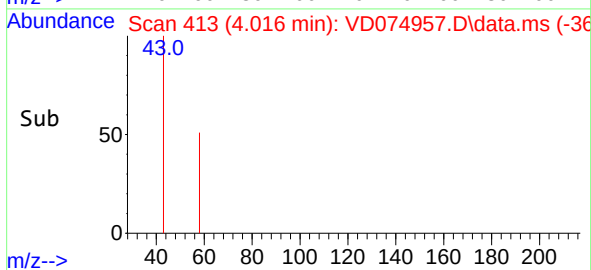
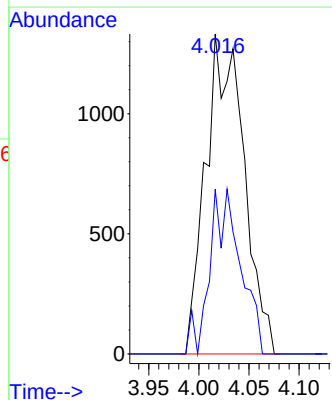
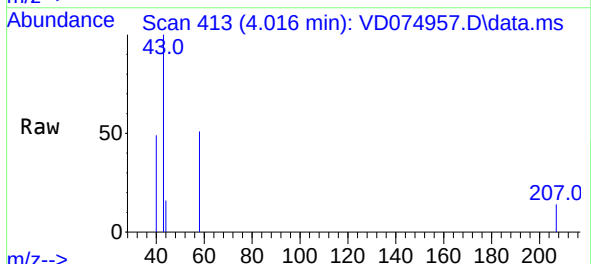
Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-32

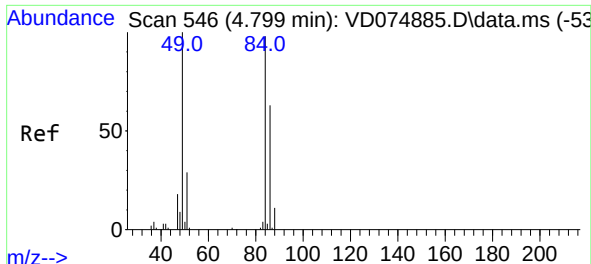
Tgt Ion:142 Resp: 307
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 16.514 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.001 min
Lab File: VD074957.D
Acq: 16 Nov 2022 19:04

Tgt Ion: 43 Resp: 3521
Ion Ratio Lower Upper
43 100
58 51.4 30.2 45.2#

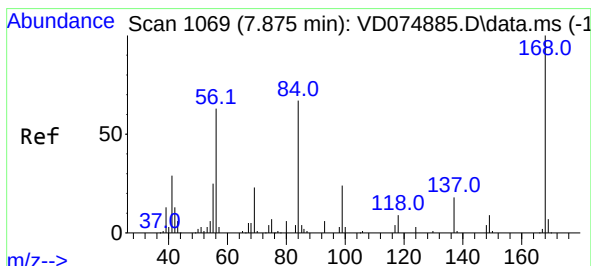
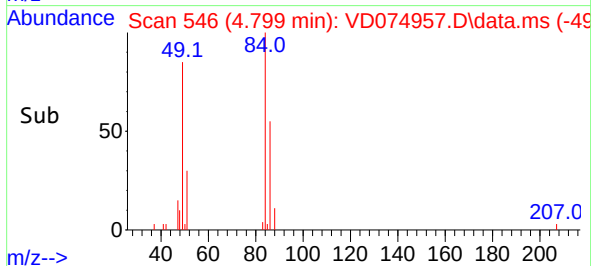
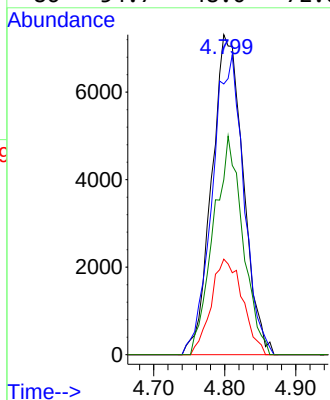
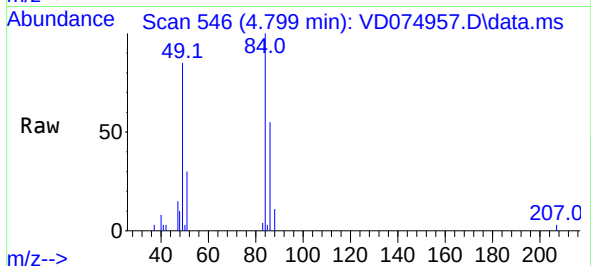




#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074957.D
Acq: 16 Nov 2022 19:04

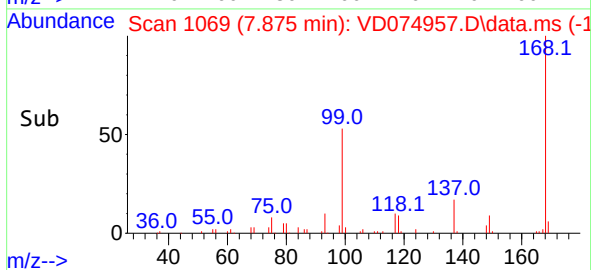
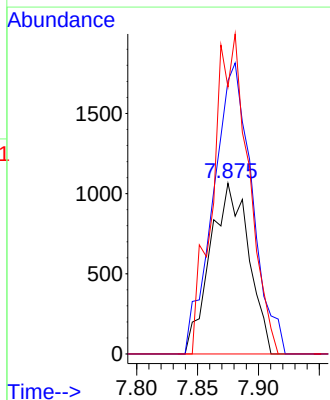
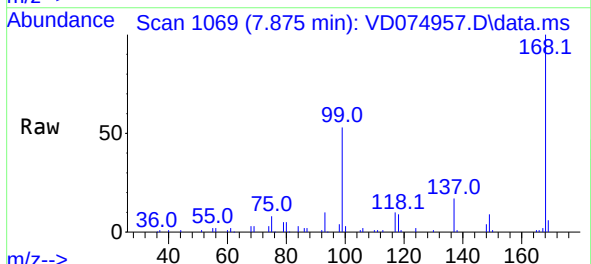
Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-32

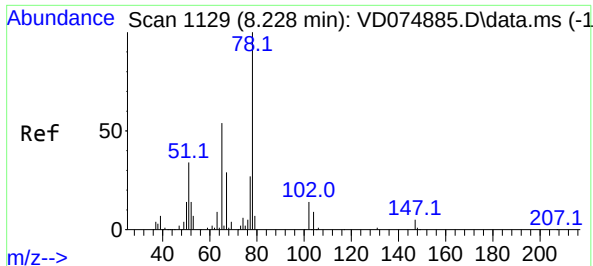
Tgt Ion:	84	Resp:	22490
Ion	Ratio	Lower	Upper
84	100		
49	84.6	68.0	102.0
51	29.9	23.2	34.8
86	54.7	48.0	72.0



#31
Cyclohexane
Concen: 1.244 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074957.D
Acq: 16 Nov 2022 19:04

Tgt Ion:	56	Resp:	2343
Ion	Ratio	Lower	Upper
56	100		
69	160.0	29.2	43.8#
84	156.3	83.4	125.2#

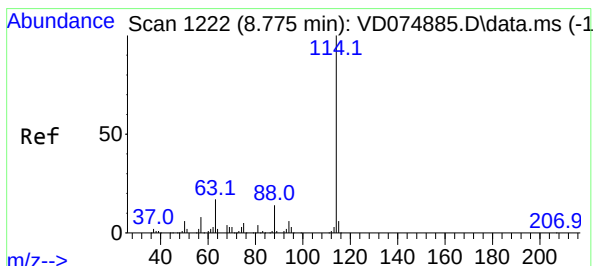
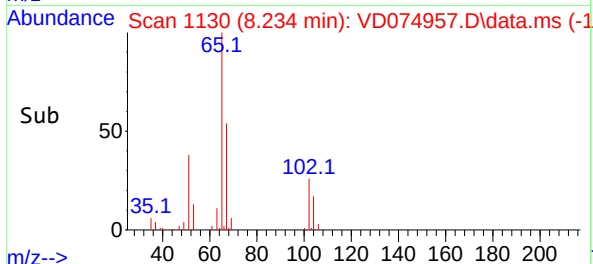
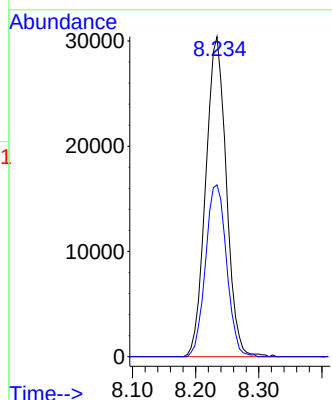
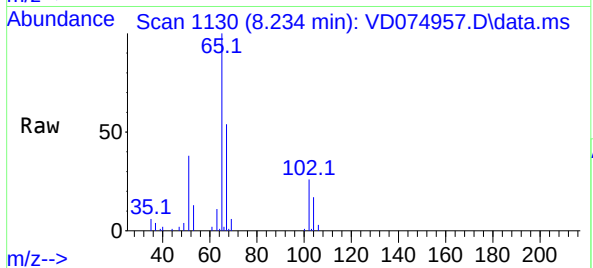




#33
1,2-Dichloroethane-d4
Concen: 84.323 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074957.D
Acq: 16 Nov 2022 19:04

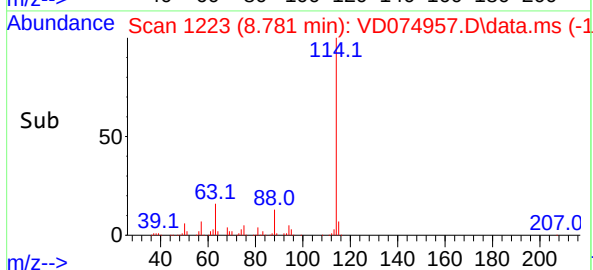
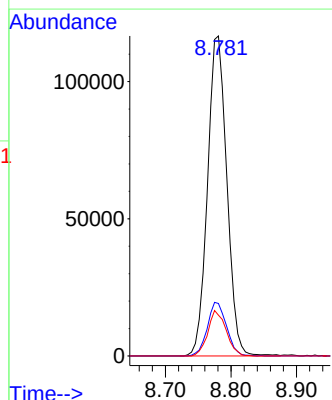
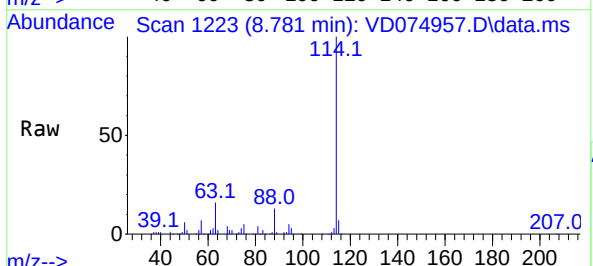
Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-32

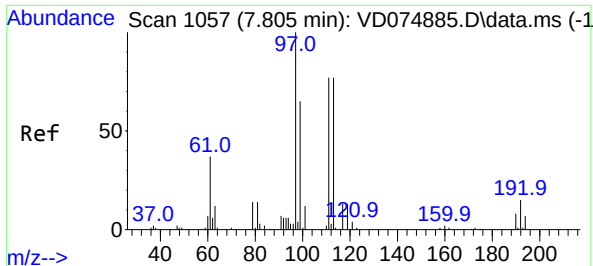
Tgt Ion: 65 Resp: 68876
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD074957.D
Acq: 16 Nov 2022 19:04

Tgt Ion: 114 Resp: 239012
Ion Ratio Lower Upper
114 100
63 16.4 0.0 33.2
88 12.7 0.0 28.2





#35

Dibromofluoromethane

Concen: 56.520 ug/l

RT: 7.804 min Scan# 1069

Delta R.T. -0.001 min

Lab File: VD074957.D

Acq: 16 Nov 2022 19:04

Instrument :

MSVOA_D

ClientSampleId :

LEFT-SIDE-FLATS-32

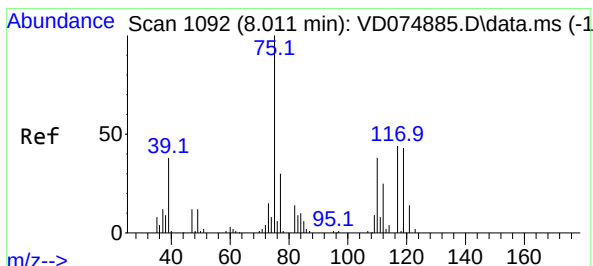
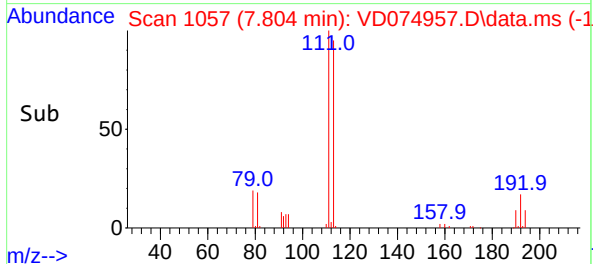
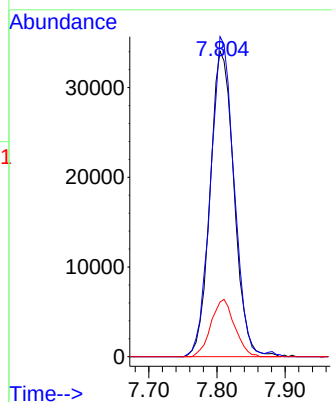
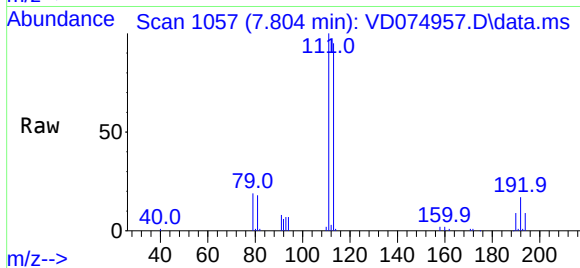
Tgt Ion:113 Resp: 83274

Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

192 18.5 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.368 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.136 min

Lab File: VD074957.D

Acq: 16 Nov 2022 19:04

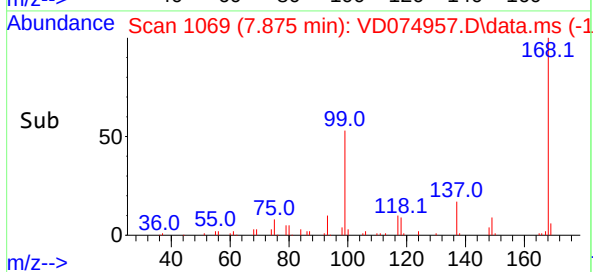
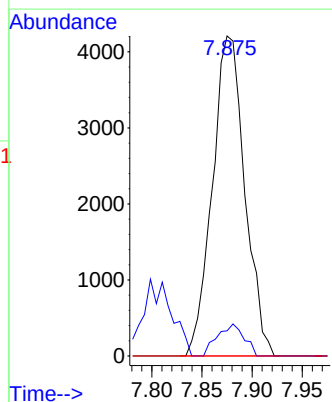
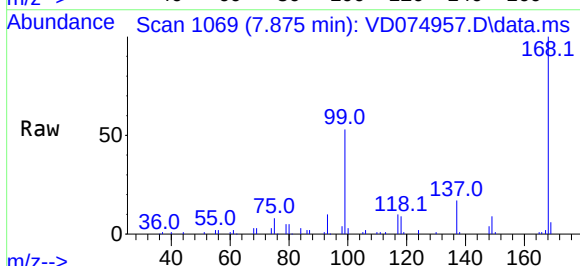
Tgt Ion: 75 Resp: 9459

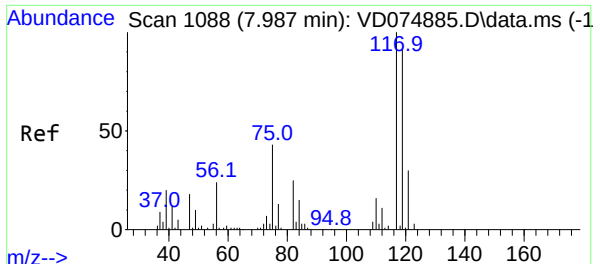
Ion Ratio Lower Upper

75 100

110 8.2 19.7 59.0#

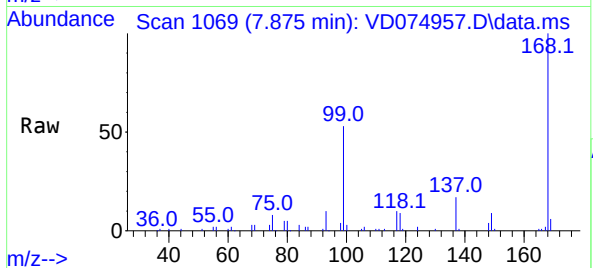
77 0.0 25.4 38.2#



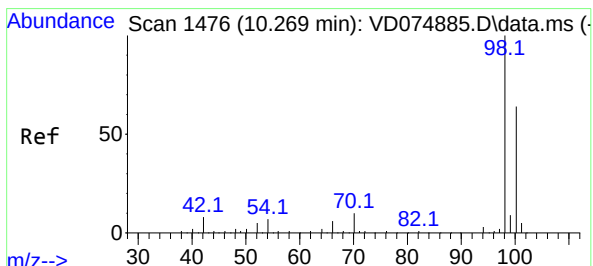
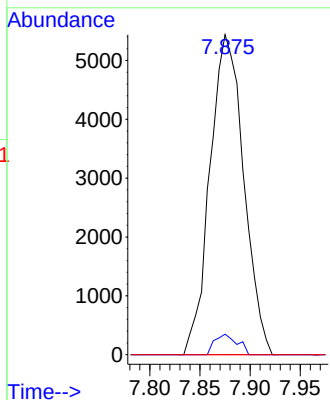
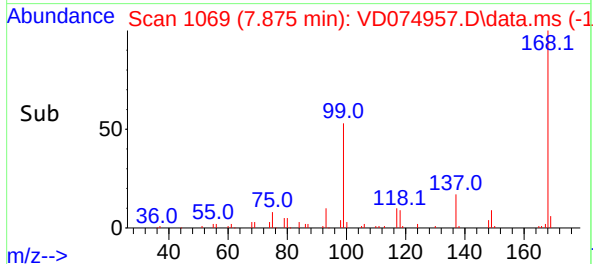


#38
Carbon Tetrachloride
Concen: 6.241 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD074957.D
Acq: 16 Nov 2022 19:04

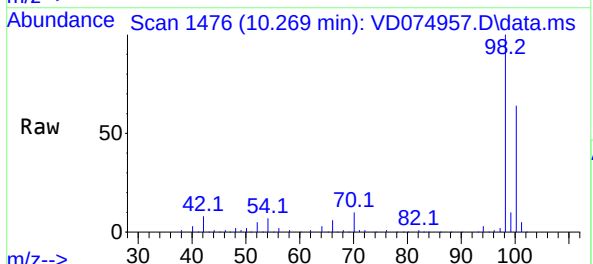
Instrument : MSVOA_D
ClientSampleId : LEFT-SIDE-FLATS-32



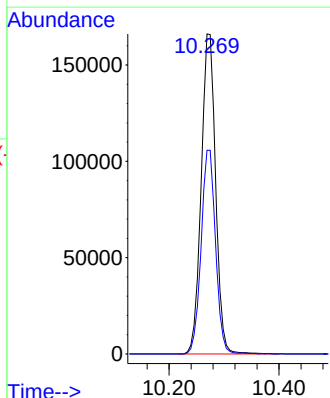
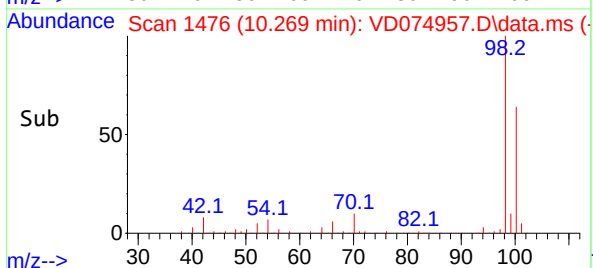
Tgt Ion:117 Resp: 12720
Ion Ratio Lower Upper
117 100
119 6.4 73.1 109.7#
121 0.0 25.0 37.6#

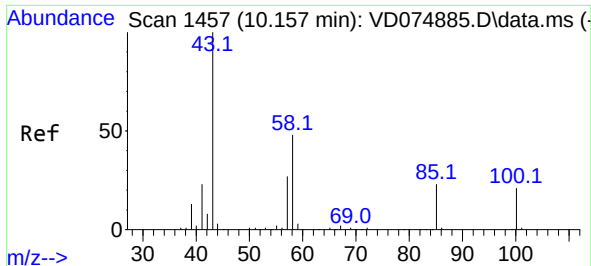


#50
Toluene-d8
Concen: 62.340 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074957.D
Acq: 16 Nov 2022 19:04



Tgt Ion: 98 Resp: 302554
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 1.319 ug/l

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD074957.D

Acq: 16 Nov 2022 19:04

Instrument :

MSVOA_D

ClientSampleId :

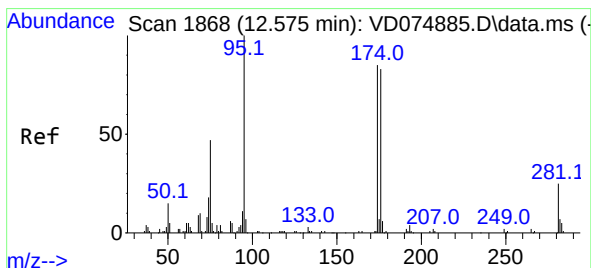
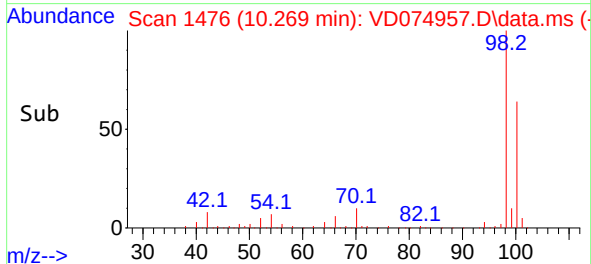
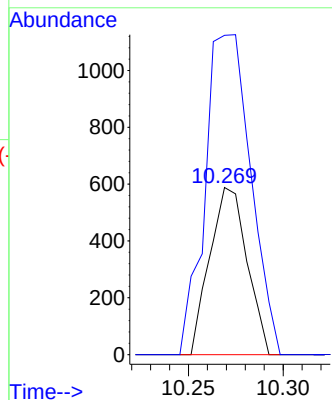
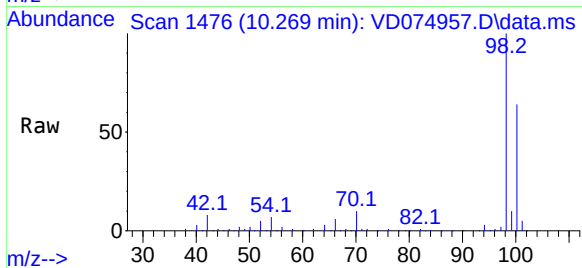
LEFT-SIDE-FLATS-32

Tgt Ion: 43 Resp: 805

Ion Ratio Lower Upper

43 100

58 235.2 37.8 56.6#



#62

4-Bromofluorobenzene

Concen: 58.215 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD074957.D

Acq: 16 Nov 2022 19:04

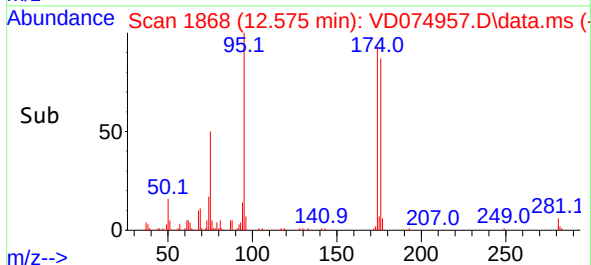
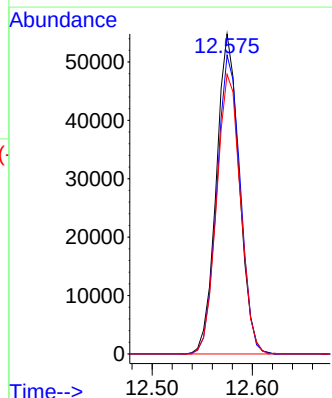
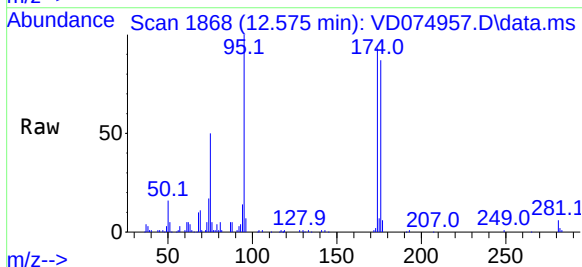
Tgt Ion: 95 Resp: 86756

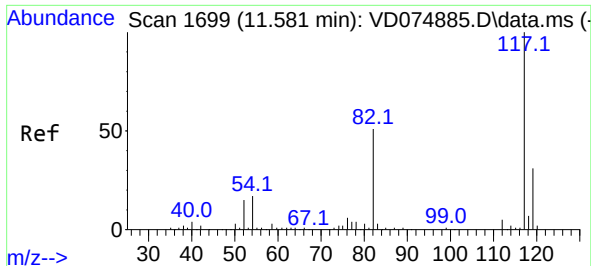
Ion Ratio Lower Upper

95 100

174 95.5 0.0 197.0

176 90.8 0.0 182.6

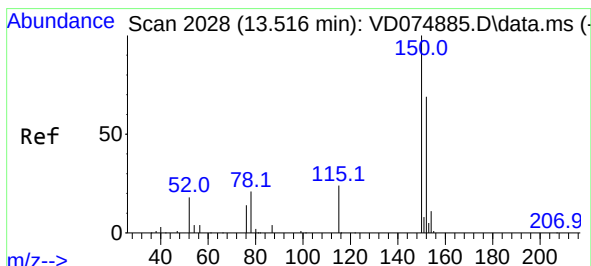
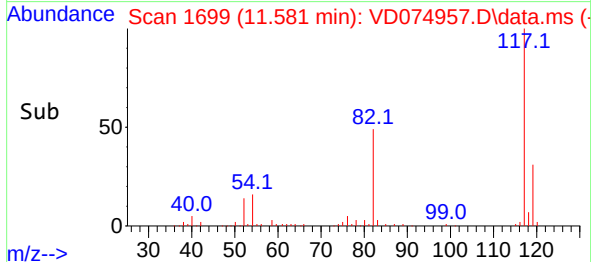
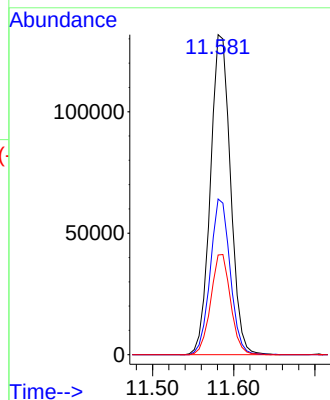
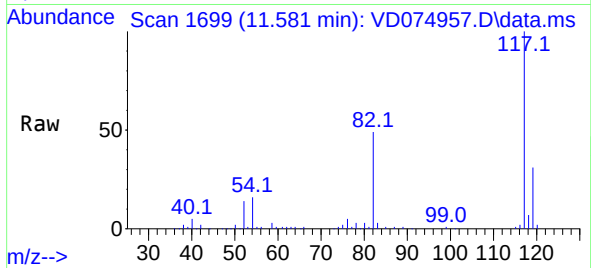




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074957.D
Acq: 16 Nov 2022 19:04

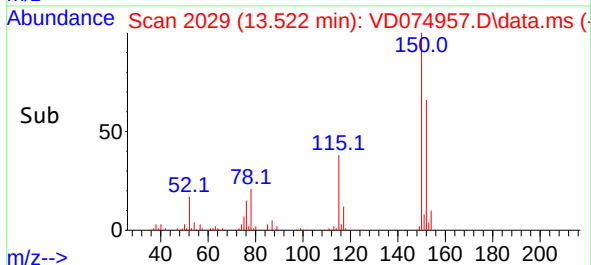
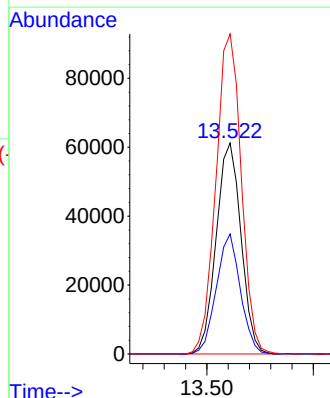
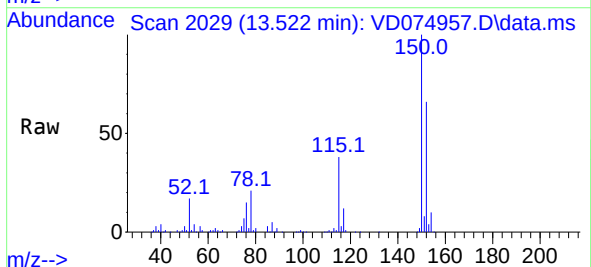
Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-32

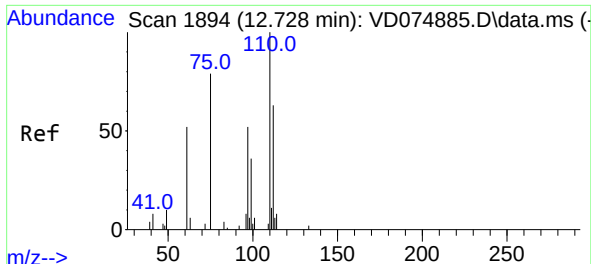
Tgt Ion:117 Resp: 226409
Ion Ratio Lower Upper
117 100
82 48.7 41.6 62.4
119 31.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074957.D
Acq: 16 Nov 2022 19:04

Tgt Ion:152 Resp: 98965
Ion Ratio Lower Upper
152 100
115 55.0 26.8 80.4
150 155.3 0.0 348.2

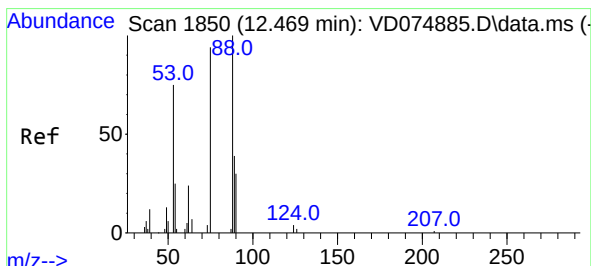
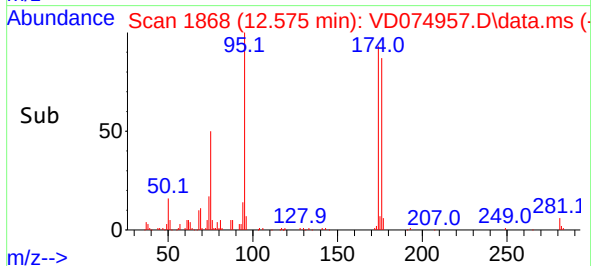
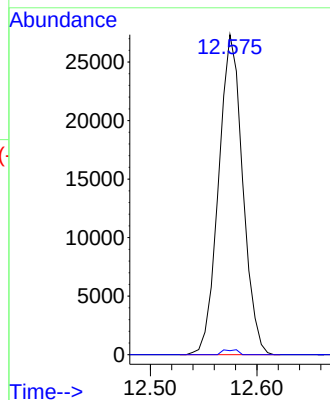
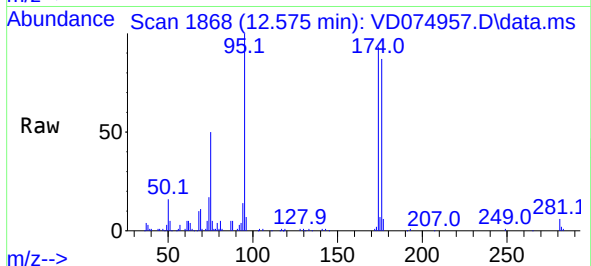




#76
1,2,3-Trichloropropane
Concen: 51.890 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074957.D
Acq: 16 Nov 2022 19:04

Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-32

Tgt Ion: 75 Resp: 42952
Ion Ratio Lower Upper
75 100
77 1.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.652 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074957.D
Acq: 16 Nov 2022 19:04

Tgt Ion: 75 Resp: 42952
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

