

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111622\
 Data File : VD074952.D
 Acq On : 16 Nov 2022 16:47
 Operator : VA/SY
 Sample : N5642-07
 Misc : 6.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RIGHT-SIDE-FLATS-27

Quant Time: Nov 17 00:21:35 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)

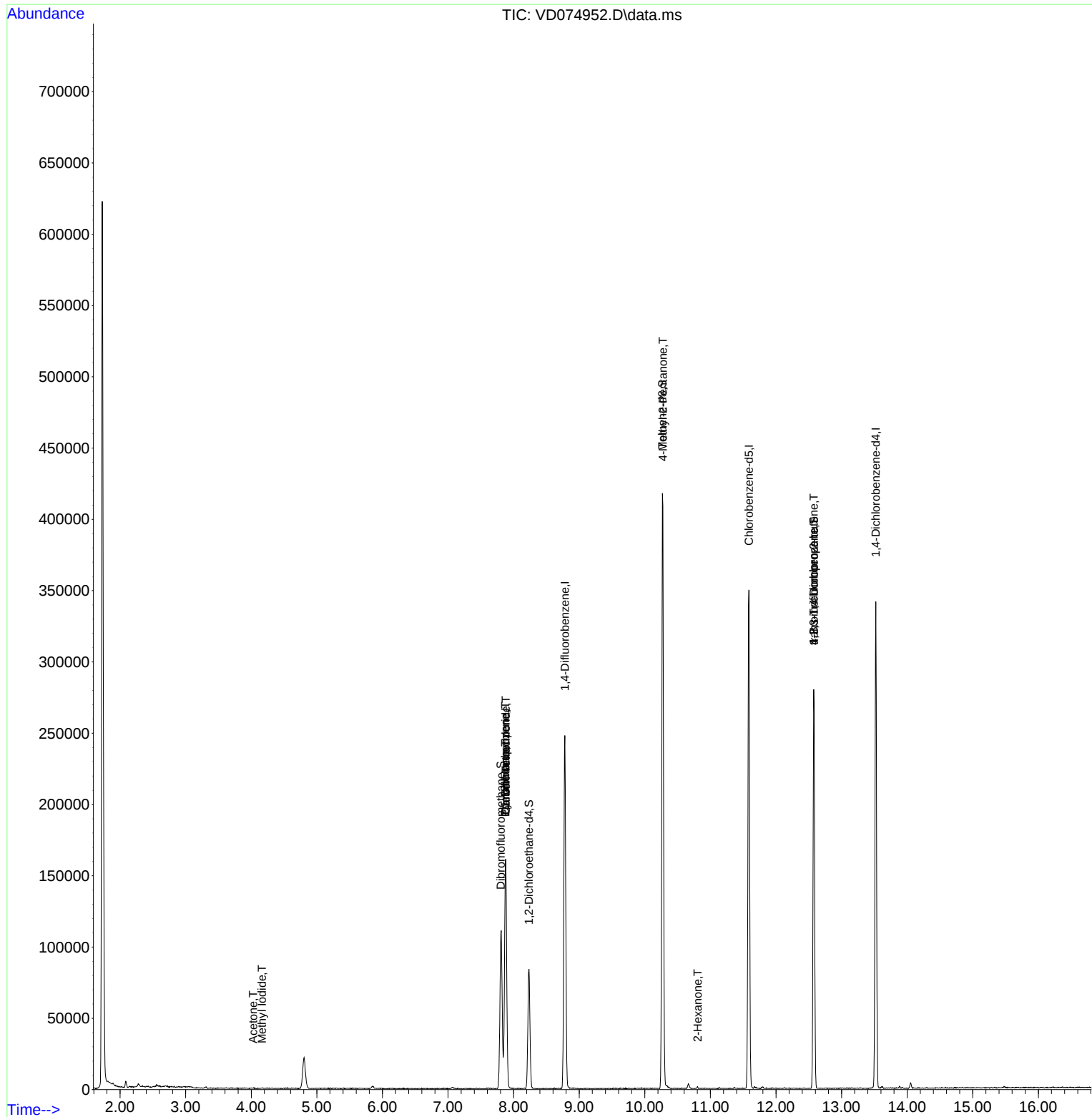
Internal Standards						
1) Pentafluorobenzene	7.875	168	133278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	239744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	222378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	96456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64526	75.936	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 151.880%	
35) Dibromofluoromethane	7.805	113	82535	55.848	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.700%	
50) Toluene-d8	10.269	98	303985	62.444	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 124.880%	
62) 4-Bromofluorobenzene	12.575	95	84030	56.213	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.420%	
Target Compounds						Qvalue
3) Chloromethane	2.146	50	525	Below Cal	#	86
5) Bromomethane	2.699	94	480	Below Cal	#	26
10) Methyl Iodide	4.164	142	63	4.804	ug/l #	43
16) Acetone	4.028	43	326	1.482	ug/l #	37
20) Methylene Chloride	4.805	84	18238	Below Cal		97
31) Cyclohexane	7.875	56	2261	1.164	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	9836	4.529	ug/l #	45
38) Carbon Tetrachloride	7.881	117	12467	6.098	ug/l #	18
51) 4-Methyl-2-Pentanone	10.275	43	833	1.361	ug/l #	1
59) 2-Hexanone	10.804	43	441	1.034	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	42102	52.187	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	42102	128.381	ug/l #	17

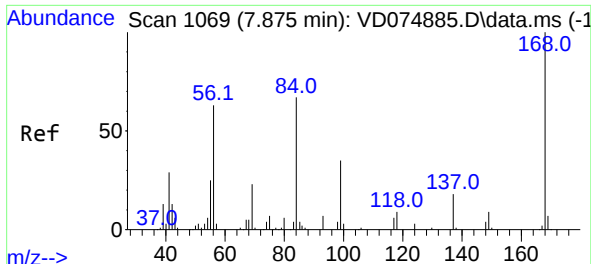
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RIGHT-SIDE-FLATS-27

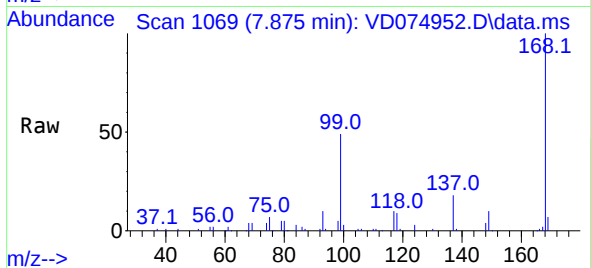
Quant Time: Nov 17 00:21:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
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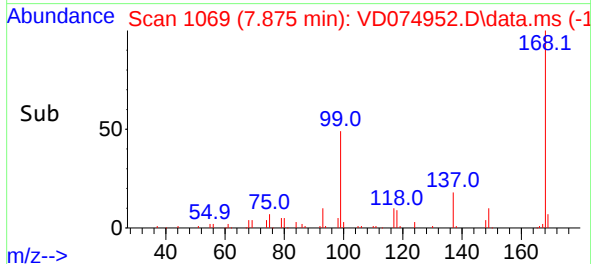
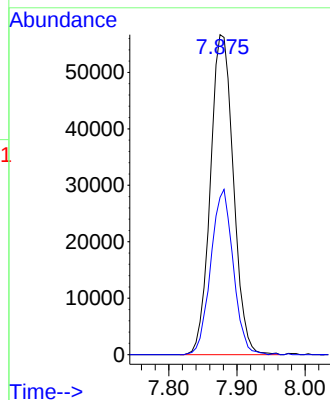


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074952.D
Acq: 16 Nov 2022 16:47

Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-27

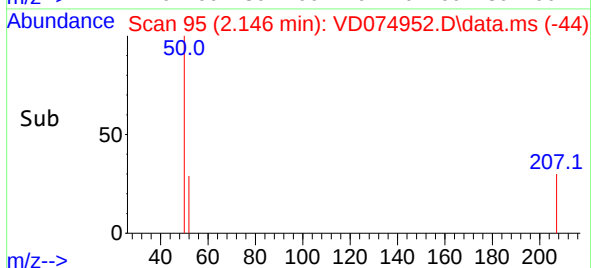
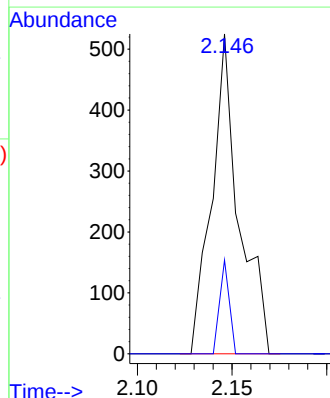
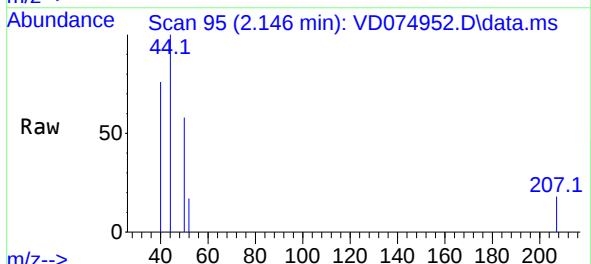


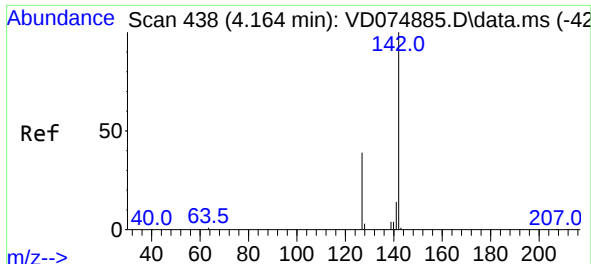
Tgt Ion:168 Resp: 133278
Ion Ratio Lower Upper
168 100
99 49.2 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD074952.D
Acq: 16 Nov 2022 16:47

Tgt Ion: 50 Resp: 525
Ion Ratio Lower Upper
50 100
52 29.3 30.0 45.0#

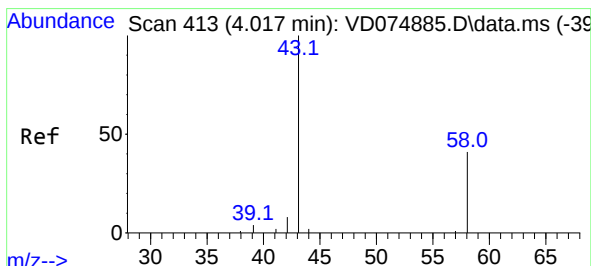
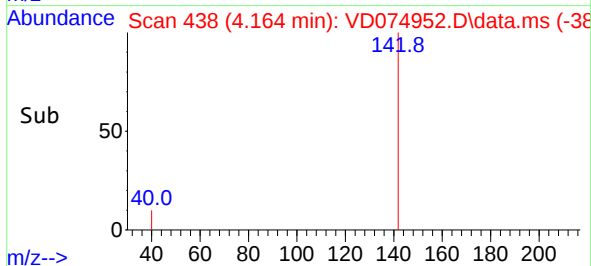
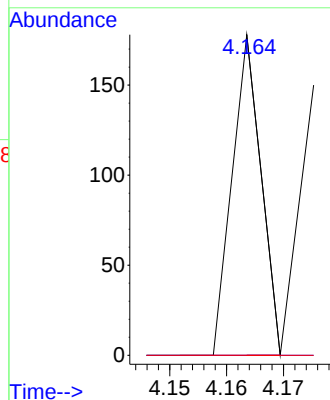
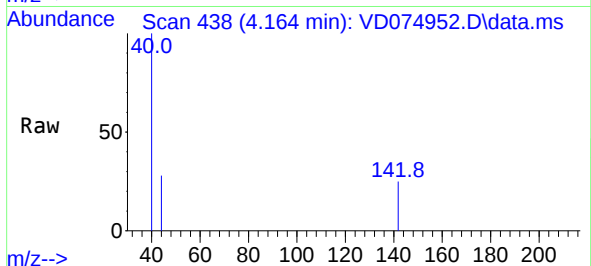




#10
Methyl Iodide
Concen: 4.804 ug/l
RT: 4.164 min Scan# 415
Delta R.T. -0.000 min
Lab File: VD074952.D
Acq: 16 Nov 2022 16:47

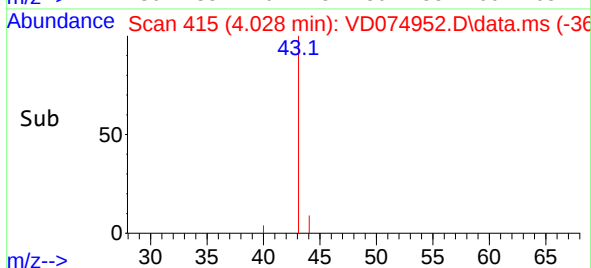
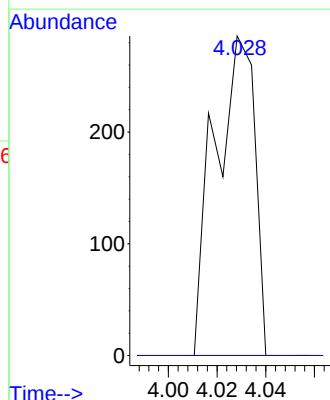
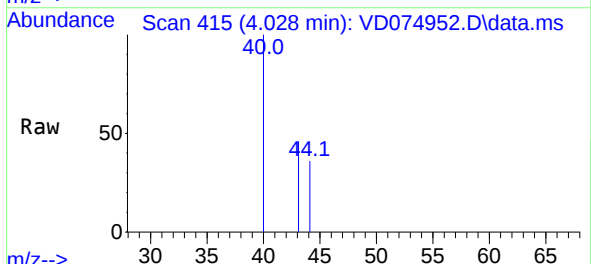
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-27

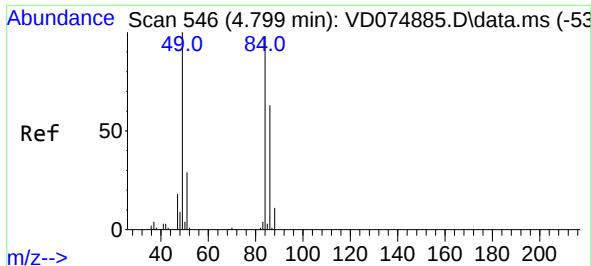
Tgt Ion:142 Resp: 63
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 1.482 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD074952.D
Acq: 16 Nov 2022 16:47

Tgt Ion: 43 Resp: 326
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



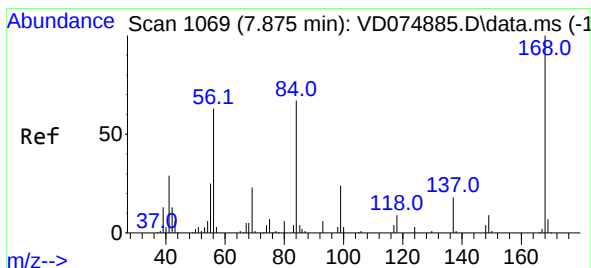
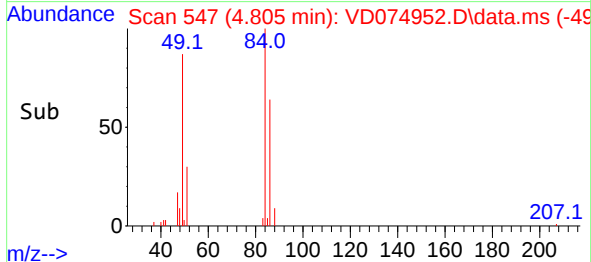
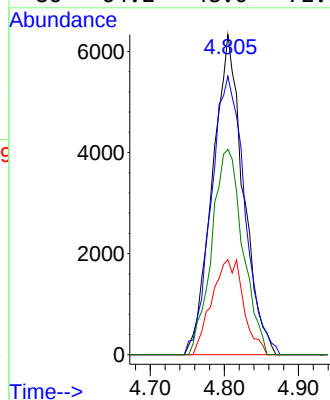
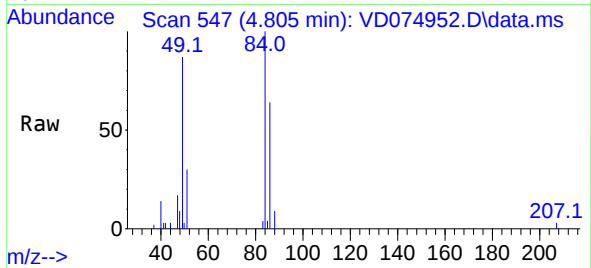


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD074952.D
Acq: 16 Nov 2022 16:47

Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-27

Tgt Ion: 84 Resp: 18238

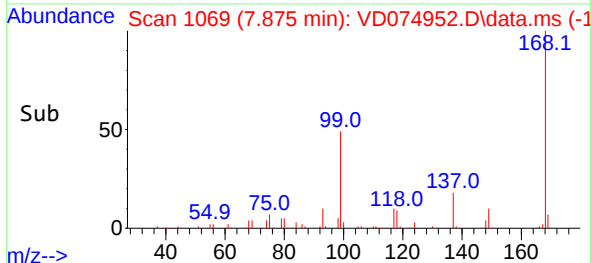
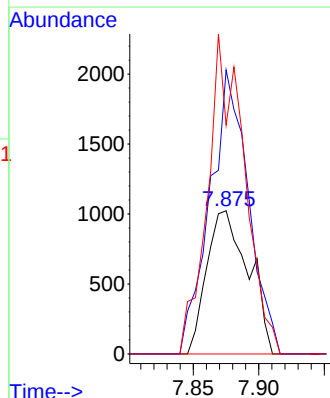
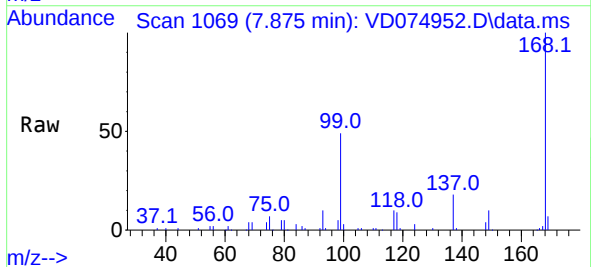
Ion	Ratio	Lower	Upper
84	100		
49	87.0	68.0	102.0
51	29.7	23.2	34.8
86	64.2	48.0	72.0

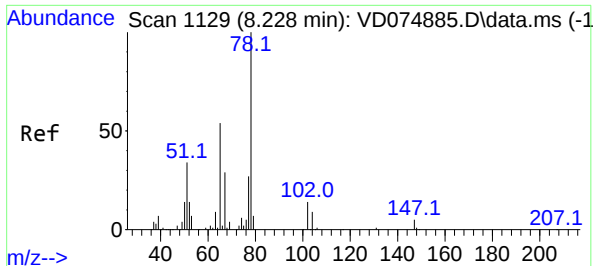


#31
Cyclohexane
Concen: 1.164 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074952.D
Acq: 16 Nov 2022 16:47

Tgt Ion: 56 Resp: 2261

Ion	Ratio	Lower	Upper
56	100		
69	198.4	29.2	43.8#
84	159.8	83.4	125.2#





#33

1,2-Dichloroethane-d4

Concen: 75.936 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074952.D

Acq: 16 Nov 2022 16:47

Instrument :

MSVOA_D

ClientSampleId :

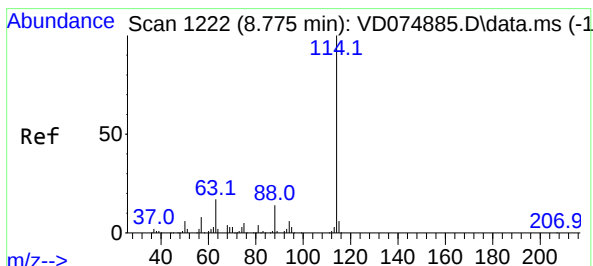
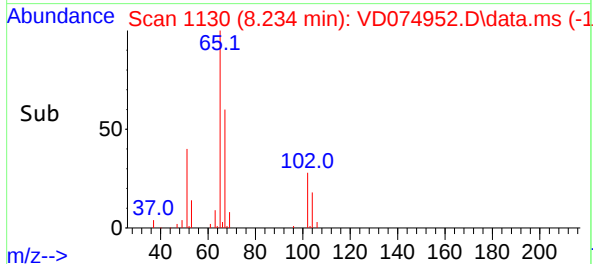
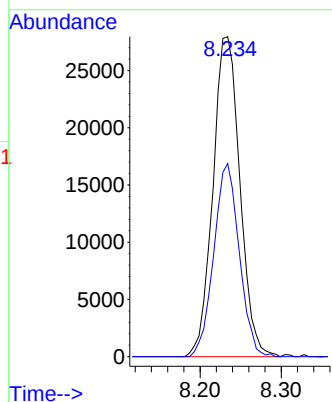
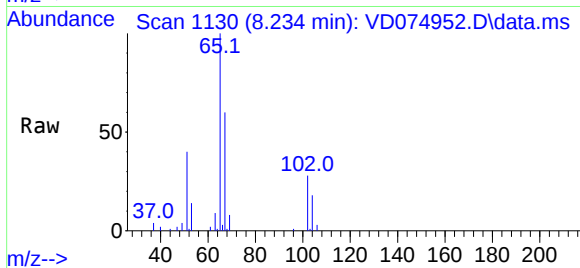
RIGHT-SIDE-FLATS-27

Tgt Ion: 65 Resp: 64526

Ion Ratio Lower Upper

65 100

67 56.9 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: VD074952.D

Acq: 16 Nov 2022 16:47

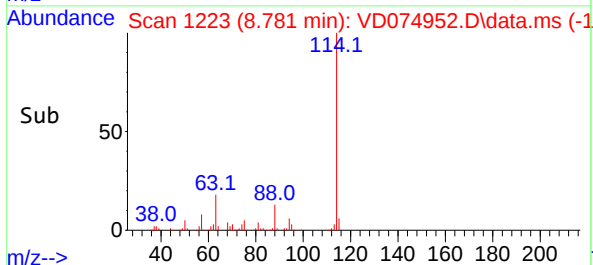
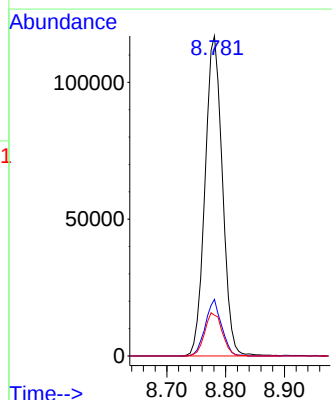
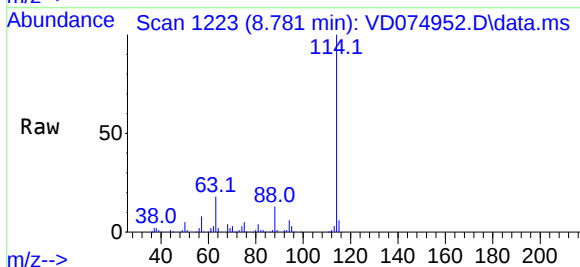
Tgt Ion: 114 Resp: 239744

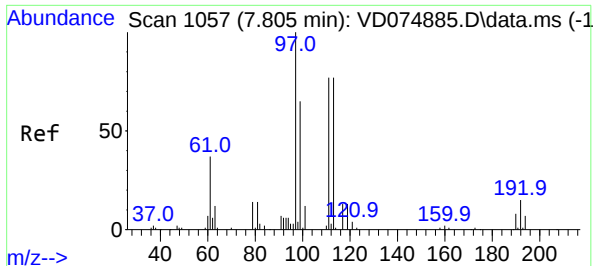
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.2

88 12.8 0.0 28.2





#35

Dibromofluoromethane

Concen: 55.848 ug/l

RT: 7.805 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD074952.D

Acq: 16 Nov 2022 16:47

Instrument :

MSVOA_D

ClientSampleId :

RIGHT-SIDE-FLATS-27

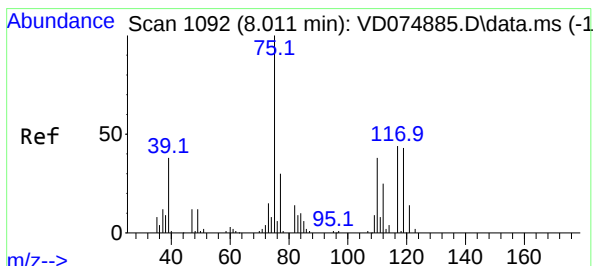
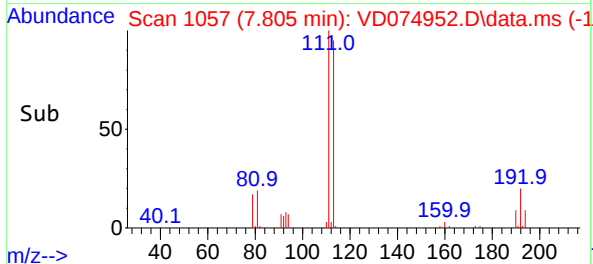
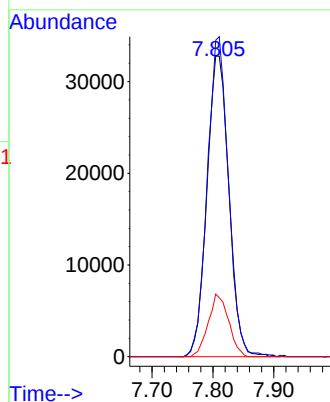
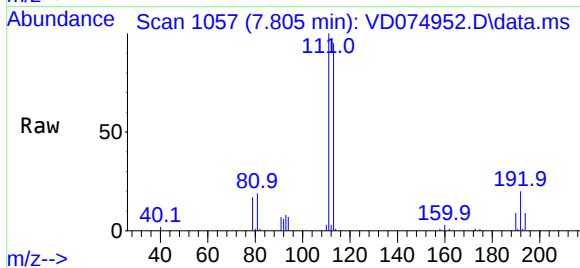
Tgt Ion:113 Resp: 82535

Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

192 19.2 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.529 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.136 min

Lab File: VD074952.D

Acq: 16 Nov 2022 16:47

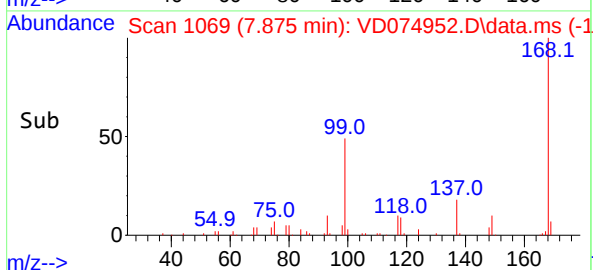
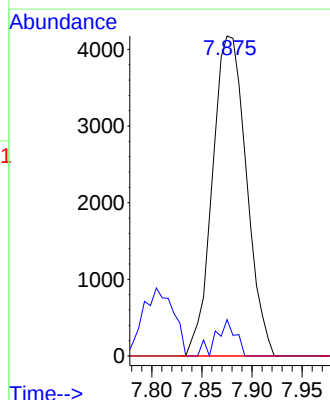
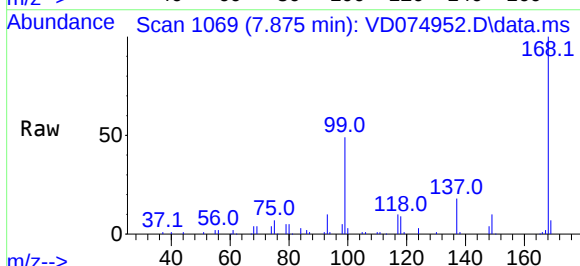
Tgt Ion: 75 Resp: 9836

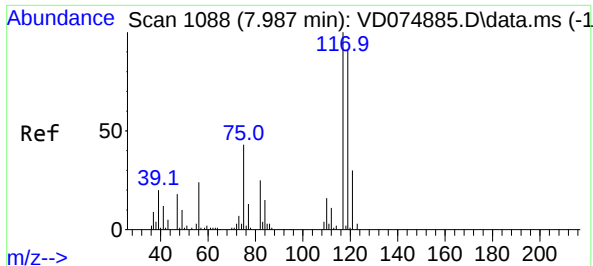
Ion Ratio Lower Upper

75 100

110 6.5 19.7 59.0#

77 0.0 25.4 38.2#

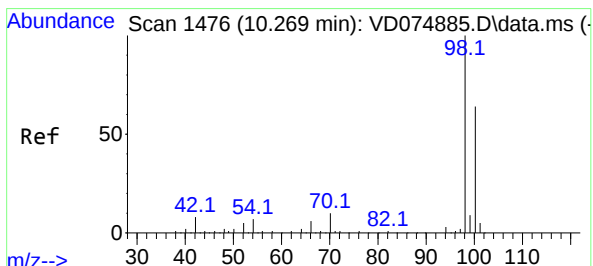
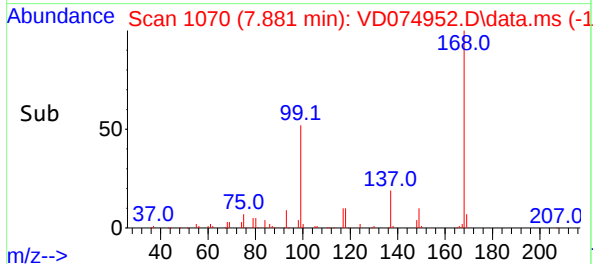
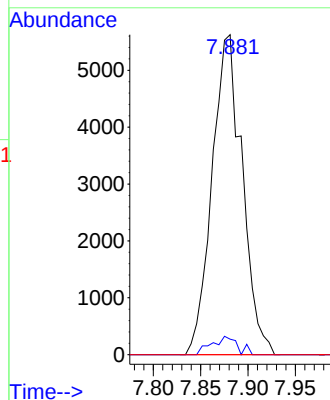
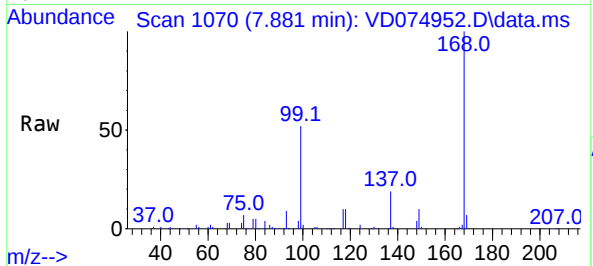




#38
Carbon Tetrachloride
Concen: 6.098 ug/l
RT: 7.881 min Scan# 1088
Delta R.T. -0.106 min
Lab File: VD074952.D
Acq: 16 Nov 2022 16:47

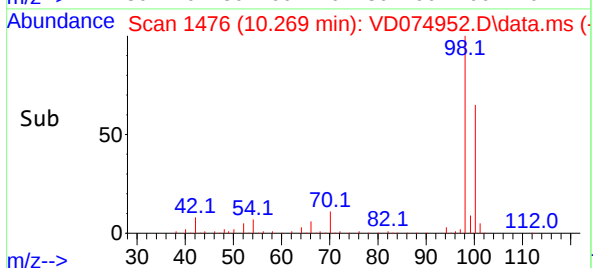
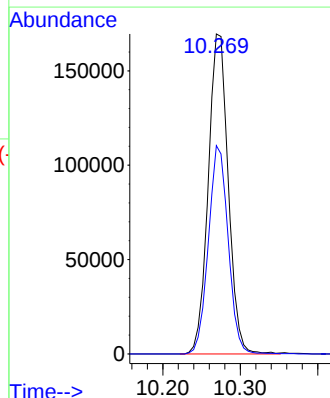
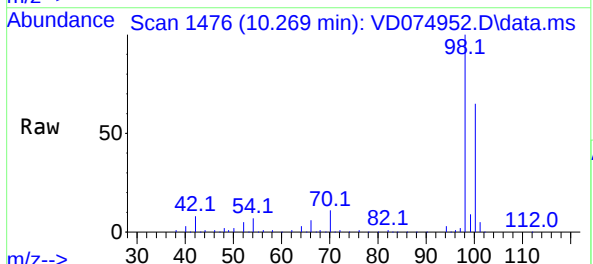
Instrument : MSVOA_D
ClientSampleId : RIGHT-SIDE-FLATS-27

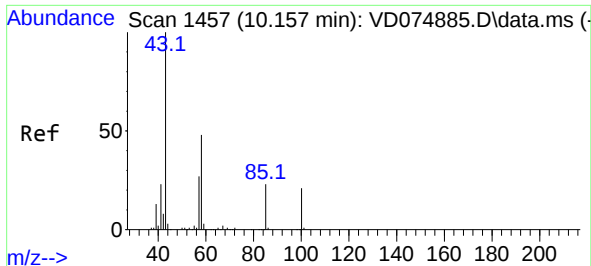
Tgt Ion:117 Resp: 12467
Ion Ratio Lower Upper
117 100
119 4.9 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 62.444 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074952.D
Acq: 16 Nov 2022 16:47

Tgt Ion: 98 Resp: 303985
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 1.361 ug/l

RT: 10.275 min Scan# 1457

Delta R.T. 0.118 min

Lab File: VD074952.D

Acq: 16 Nov 2022 16:47

Instrument :

MSVOA_D

ClientSampleId :

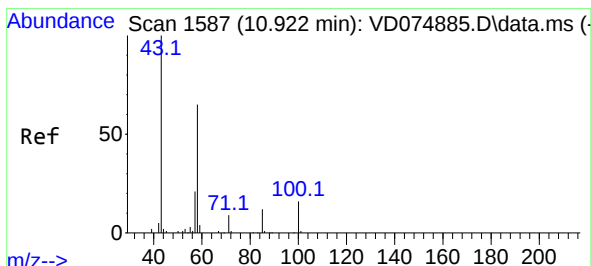
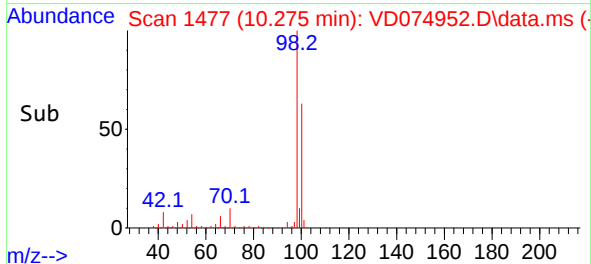
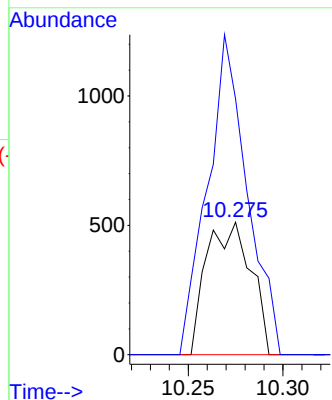
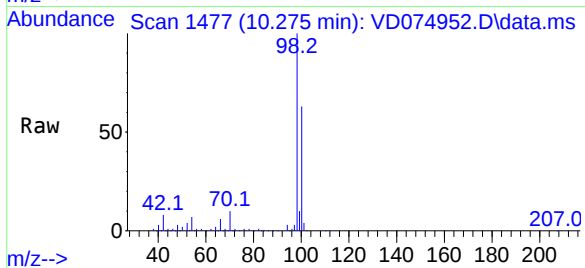
RIGHT-SIDE-FLATS-27

Tgt Ion: 43 Resp: 833

Ion Ratio Lower Upper

43 100

58 216.6 37.8 56.6#



#59

2-Hexanone

Concen: 1.034 ug/l

RT: 10.804 min Scan# 1567

Delta R.T. -0.118 min

Lab File: VD074952.D

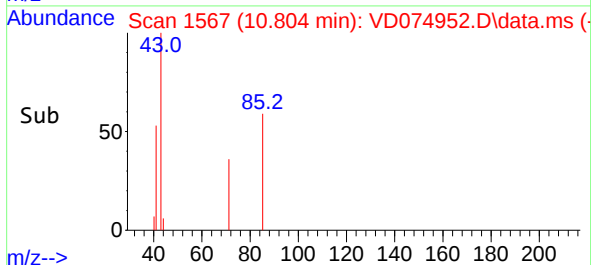
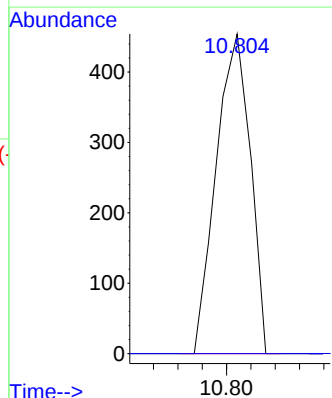
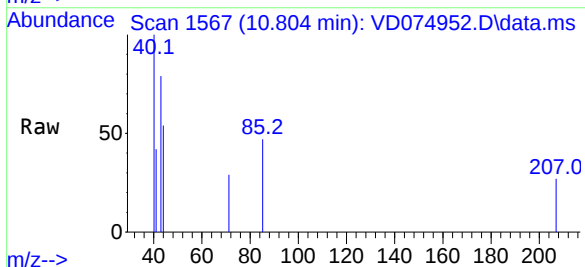
Acq: 16 Nov 2022 16:47

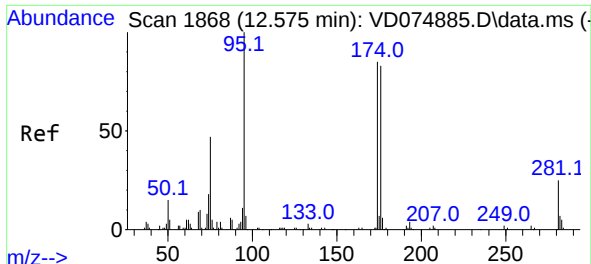
Tgt Ion: 43 Resp: 441

Ion Ratio Lower Upper

43 100

58 0.0 32.0 96.2#

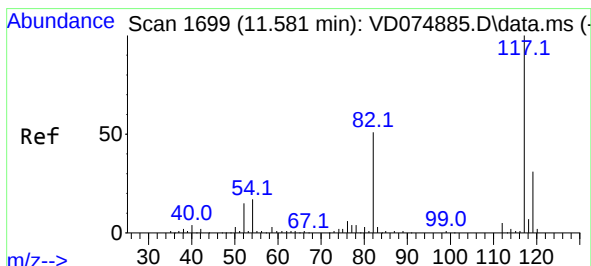
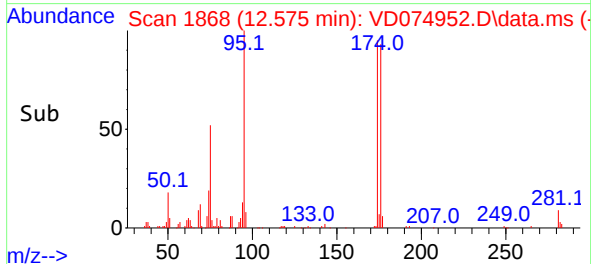
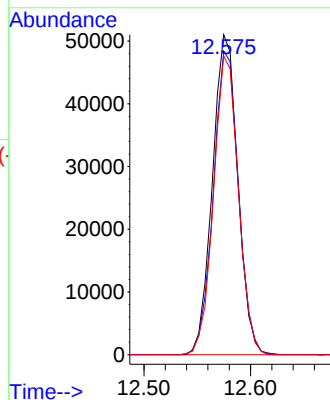
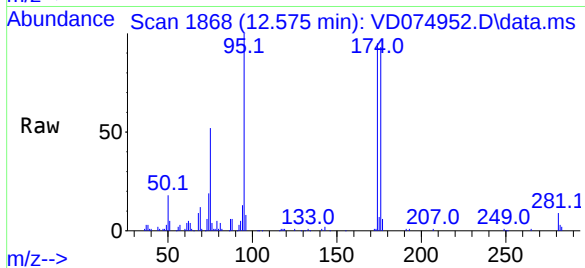




#62
4-Bromofluorobenzene
Concen: 56.213 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074952.D
Acq: 16 Nov 2022 16:47

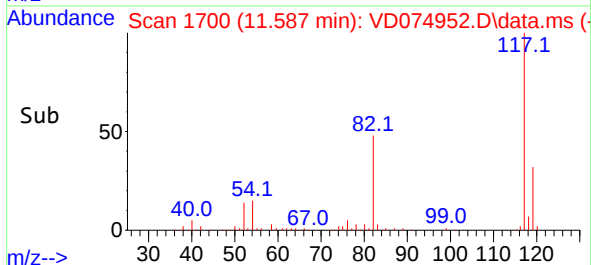
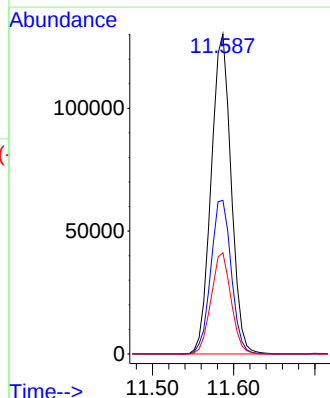
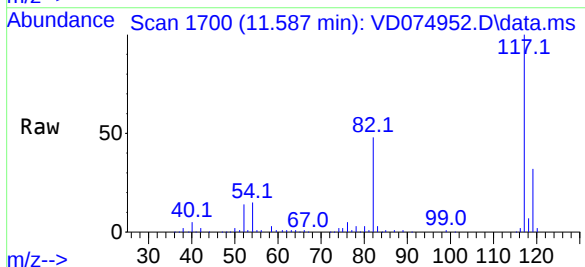
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-27

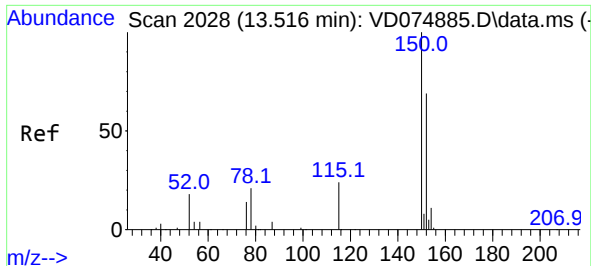
Tgt Ion:	95	Resp:	84030
Ion	Ratio	Lower	Upper
95	100		
174	94.3	0.0	197.0
176	91.4	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD074952.D
Acq: 16 Nov 2022 16:47

Tgt Ion:	117	Resp:	222378
Ion	Ratio	Lower	Upper
117	100		
82	48.0	41.6	62.4
119	31.6	25.2	37.8

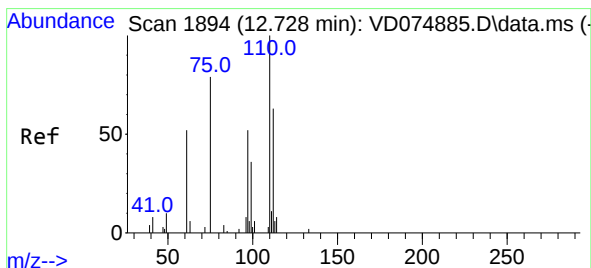
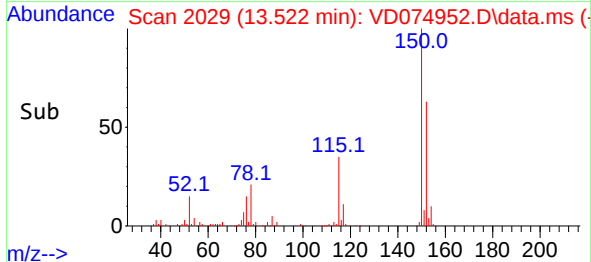
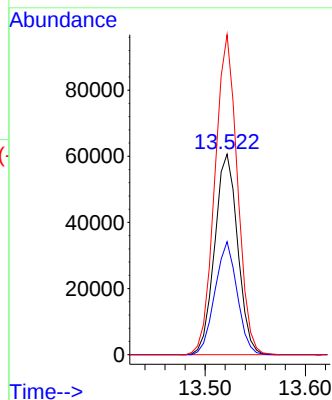
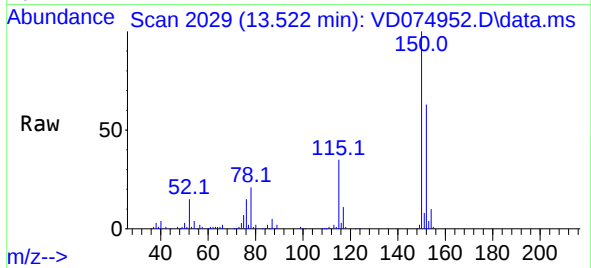




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074952.D
Acq: 16 Nov 2022 16:47

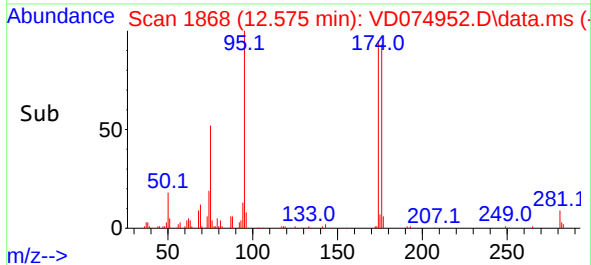
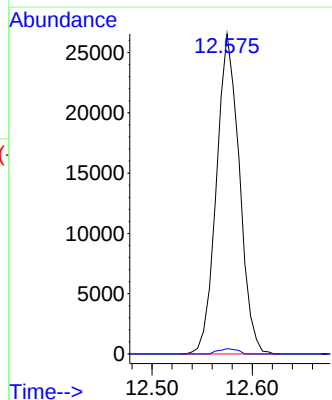
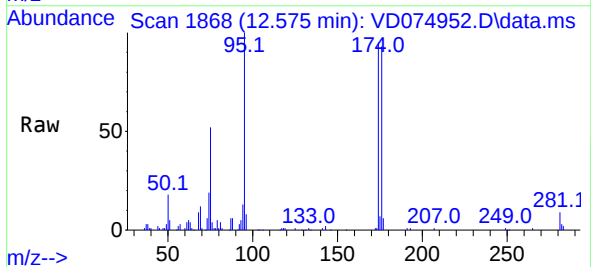
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-27

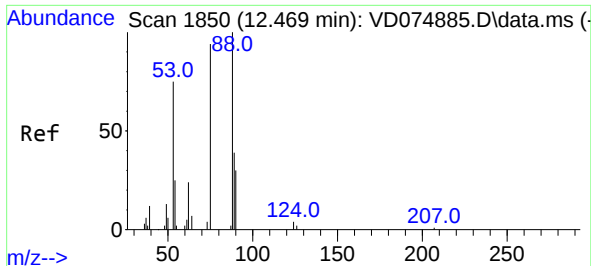
Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	26.8	80.4
150	156.4	0.0	348.2



#76
1,2,3-Trichloropropane
Concen: 52.187 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074952.D
Acq: 16 Nov 2022 16:47

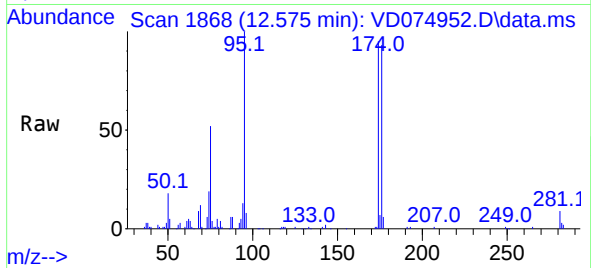
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	185.8	557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.381 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074952.D
 Acq: 16 Nov 2022 16:47

Instrument :
 MSVOA_D
 ClientSampleId :
 RIGHT-SIDE-FLATS-27



Tgt Ion: 75 Resp: 42102
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

