

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111622\
 Data File : VD074951.D
 Acq On : 16 Nov 2022 16:20
 Operator : VA/SY
 Sample : N5642-06
 Misc : 7.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RIGHT-SIDE-FLATS-26

Quant Time: Nov 17 00:21:27 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)

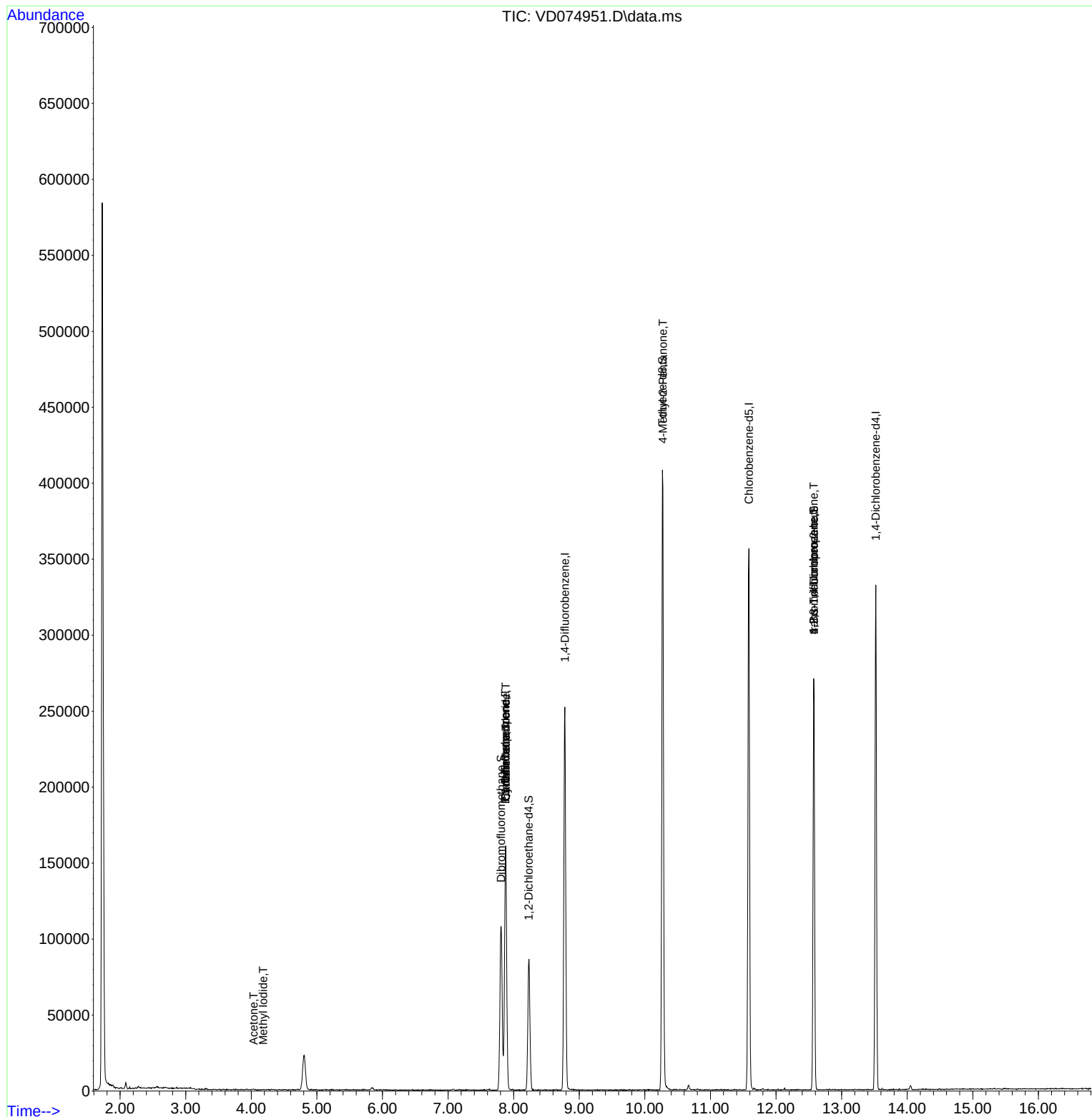
Internal Standards						
1) Pentafluorobenzene	7.875	168	132127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	240017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	222766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	91542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	67242	80.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.340%	
35) Dibromofluoromethane	7.810	113	81475	55.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.140%	
50) Toluene-d8	10.269	98	293374	60.196	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 120.400%	
62) 4-Bromofluorobenzene	12.575	95	82933	55.417	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.840%	
Target Compounds						
3) Chloromethane	2.140	50	283	Below Cal	#	37
5) Bromomethane	2.693	94	667	Below Cal		83
10) Methyl Iodide	4.181	142	64	4.805	ug/l #	36
16) Acetone	4.034	43	677	3.104	ug/l #	37
18) Methyl Acetate	4.834	43	53	Below Cal	#	44
20) Methylene Chloride	4.799	84	20183	Below Cal		89
31) Cyclohexane	7.881	56	2368	1.229	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	9416	4.330	ug/l #	45
38) Carbon Tetrachloride	7.881	117	12588	6.150	ug/l #	18
51) 4-Methyl-2-Pentanone	10.275	43	650	1.061	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	40780	53.261	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	40780	131.024	ug/l #	17

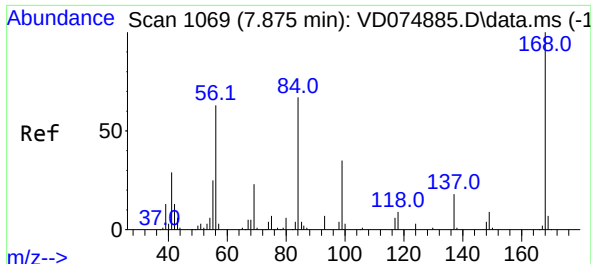
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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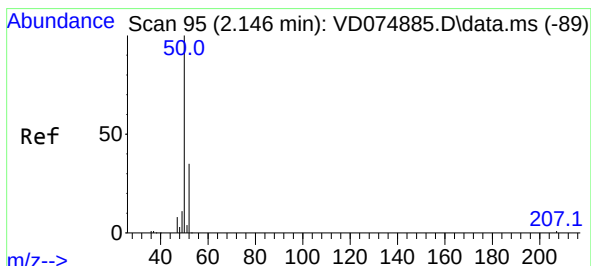
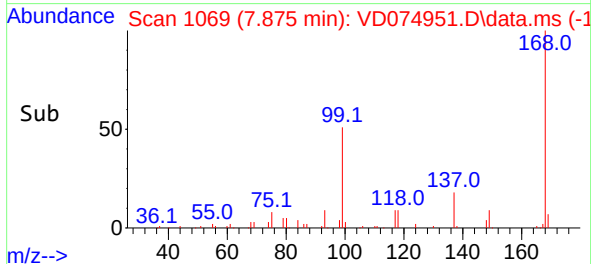
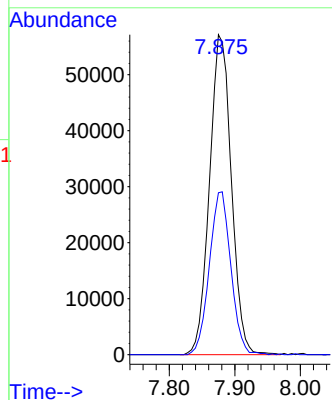
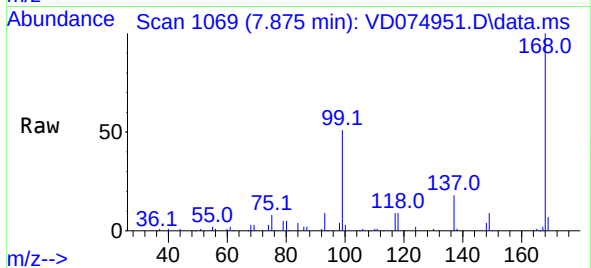




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074951.D
Acq: 16 Nov 2022 16:20

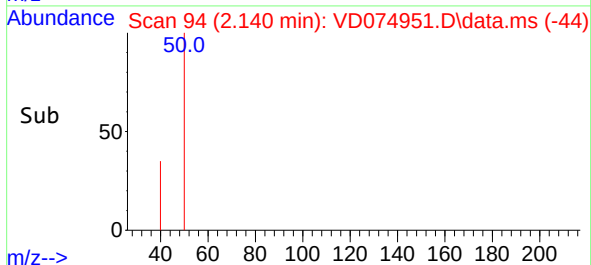
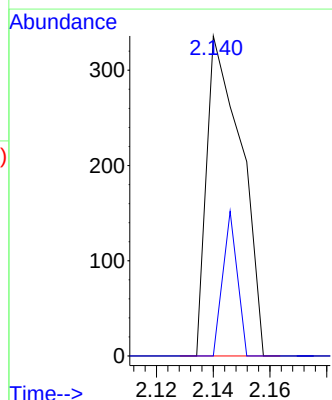
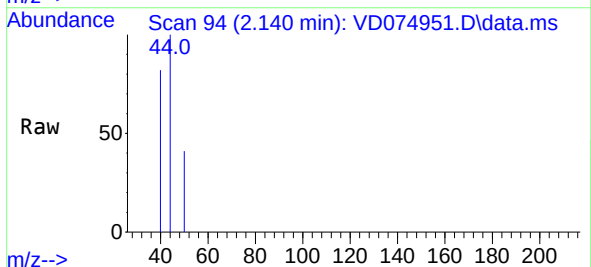
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-26

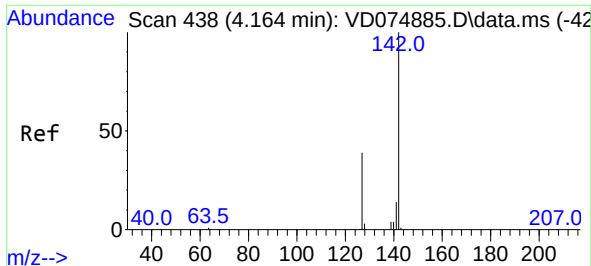
Tgt Ion:168 Resp: 132127
Ion Ratio Lower Upper
168 100
99 50.6 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD074951.D
Acq: 16 Nov 2022 16:20

Tgt Ion: 50 Resp: 283
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

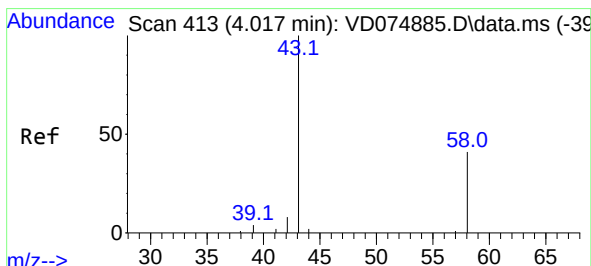
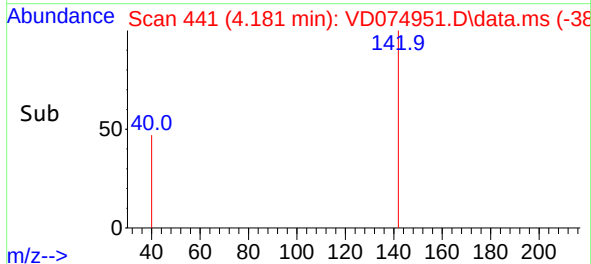
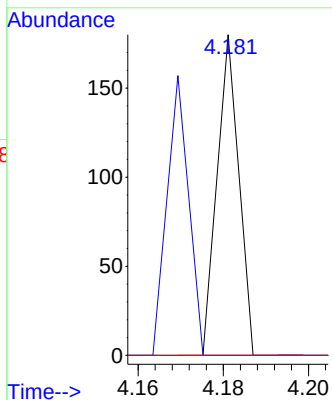
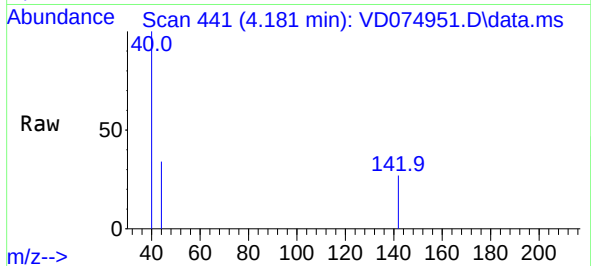




#10
Methyl Iodide
Concen: 4.805 ug/l
RT: 4.181 min Scan# 41
Delta R.T. 0.017 min
Lab File: VD074951.D
Acq: 16 Nov 2022 16:20

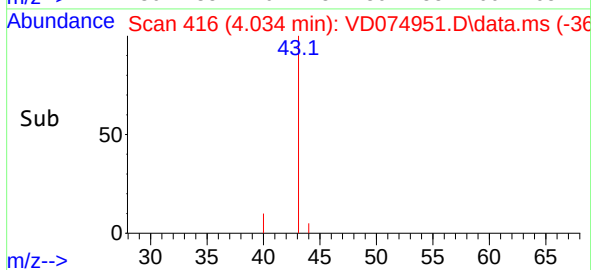
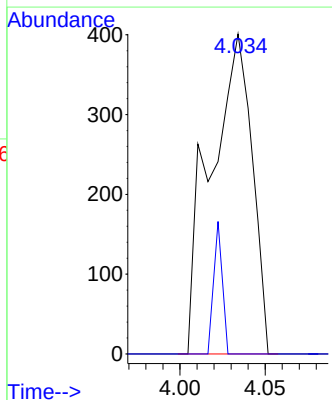
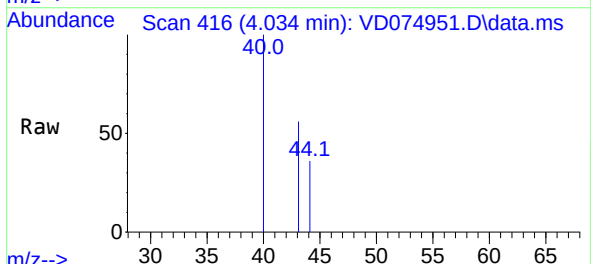
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-26

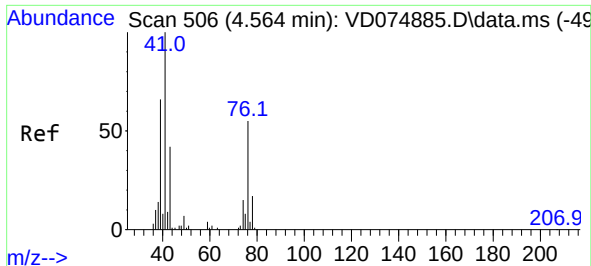
Tgt Ion:142 Resp: 64
Ion Ratio Lower Upper
142 100
127 85.9 31.9 47.9#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 3.104 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.017 min
Lab File: VD074951.D
Acq: 16 Nov 2022 16:20

Tgt Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#

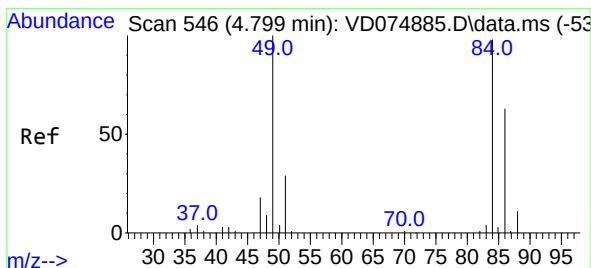
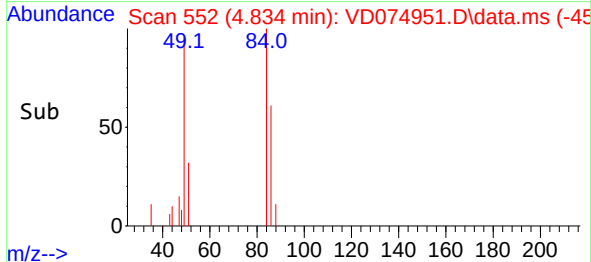
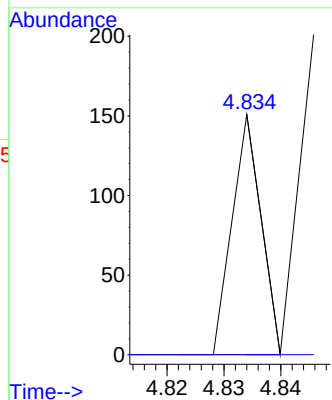
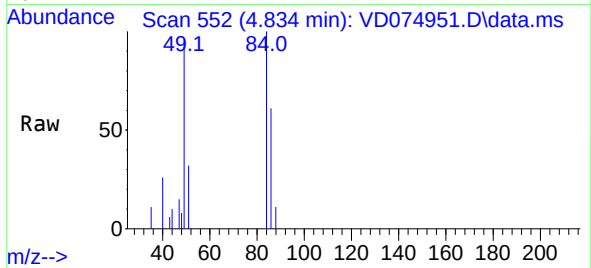




#18
Methyl Acetate
Concen: Below Cal
RT: 4.834 min Scan# 51
Delta R.T. 0.270 min
Lab File: VD074951.D
Acq: 16 Nov 2022 16:20

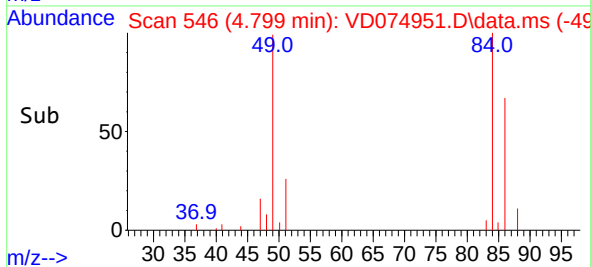
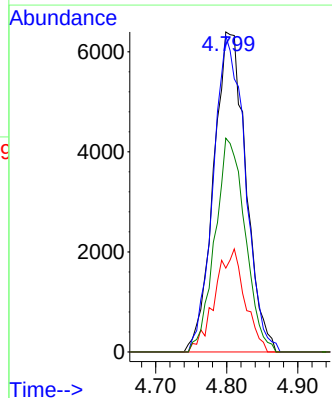
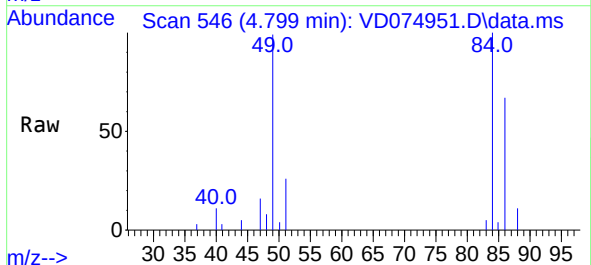
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-26

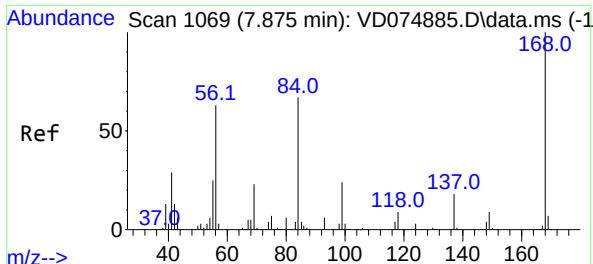
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
74 0.0 24.7 37.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074951.D
Acq: 16 Nov 2022 16:20

Tgt Ion: 84 Resp: 20183
Ion Ratio Lower Upper
84 100
49 98.8 68.0 102.0
51 26.2 23.2 34.8
86 66.8 48.0 72.0





#31

Cyclohexane

Concen: 1.229 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD074951.D

Acq: 16 Nov 2022 16:20

Instrument :

MSVOA_D

ClientSampleId :

RIGHT-SIDE-FLATS-26

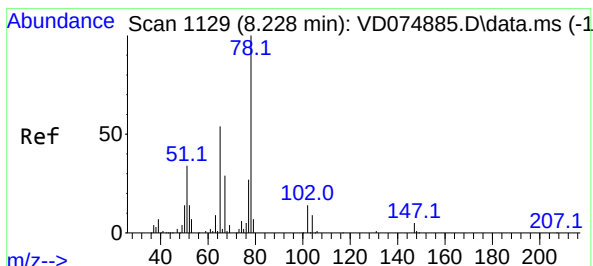
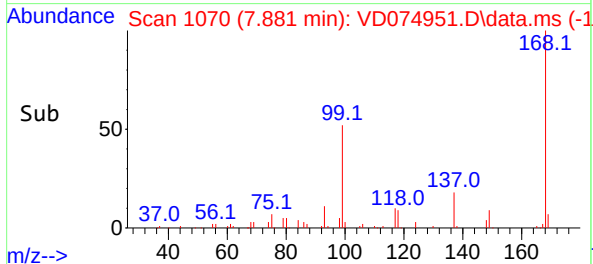
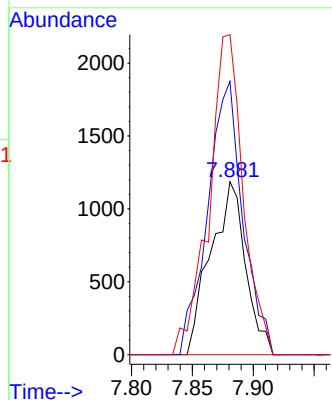
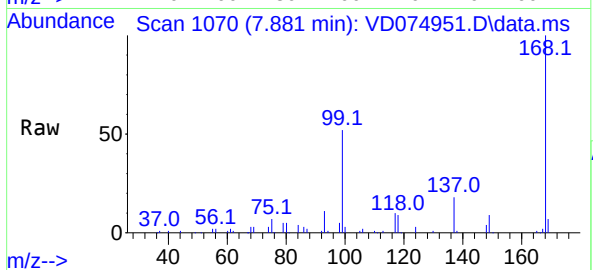
Tgt Ion: 56 Resp: 2368

Ion Ratio Lower Upper

56 100

69 158.2 29.2 43.8#

84 185.1 83.4 125.2#



#33

1,2-Dichloroethane-d4

Concen: 80.166 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074951.D

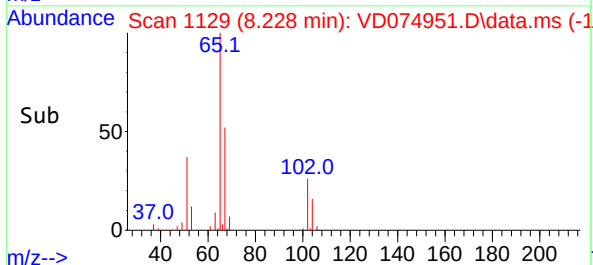
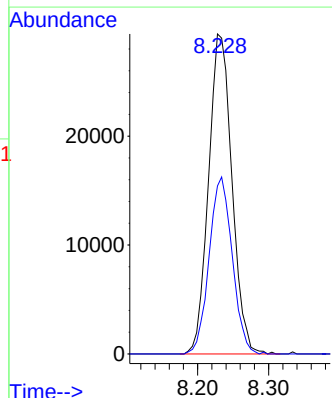
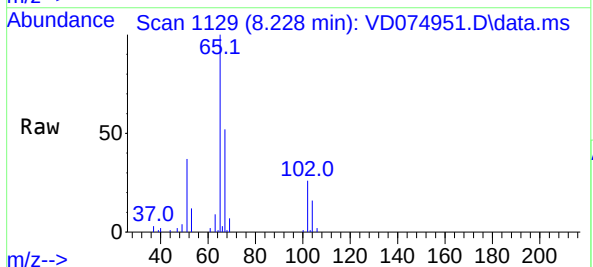
Acq: 16 Nov 2022 16:20

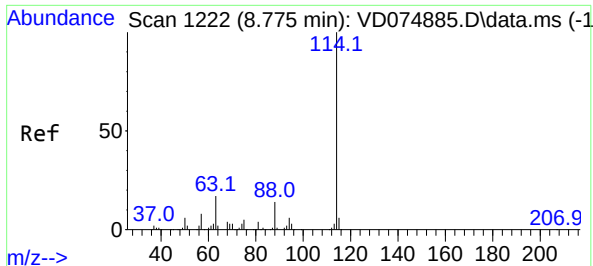
Tgt Ion: 65 Resp: 67242

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074951.D

Acq: 16 Nov 2022 16:20

Instrument :

MSVOA_D

ClientSampleId :

RIGHT-SIDE-FLATS-26

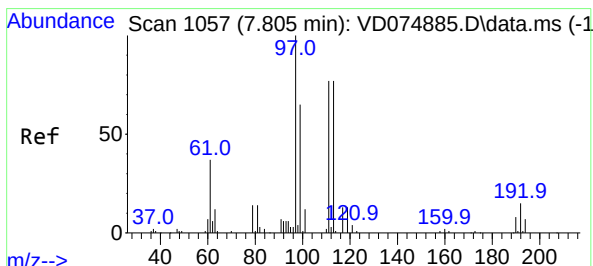
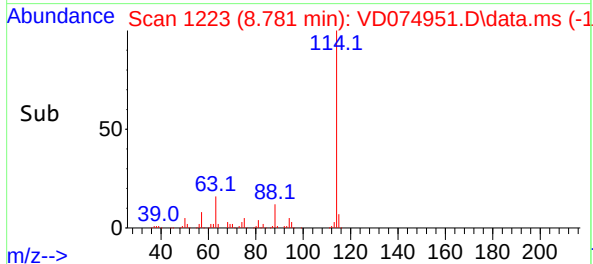
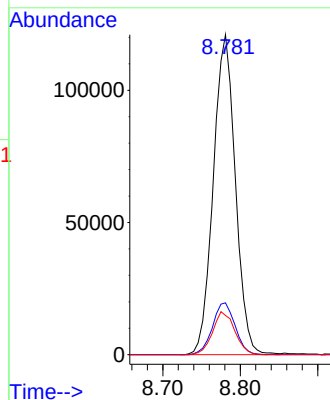
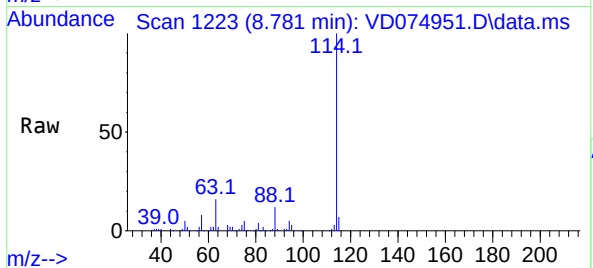
Tgt Ion:114 Resp: 240017

Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.2

88 12.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 55.068 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074951.D

Acq: 16 Nov 2022 16:20

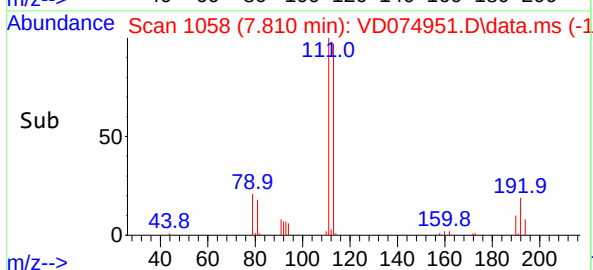
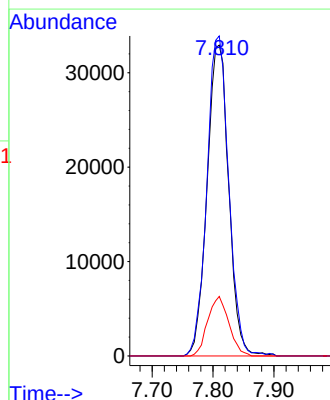
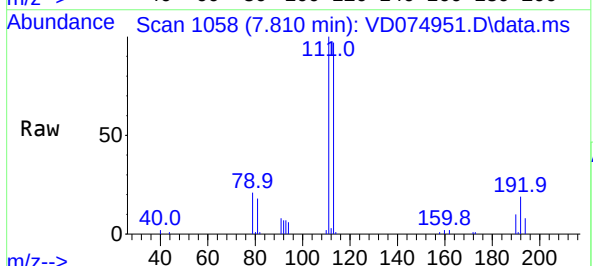
Tgt Ion:113 Resp: 81475

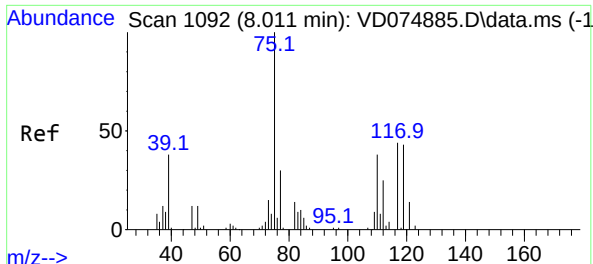
Ion Ratio Lower Upper

113 100

111 103.7 82.3 123.5

192 18.7 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.330 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.136 min

Lab File: VD074951.D

Acq: 16 Nov 2022 16:20

Instrument :

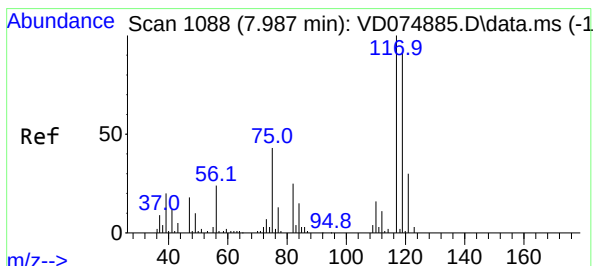
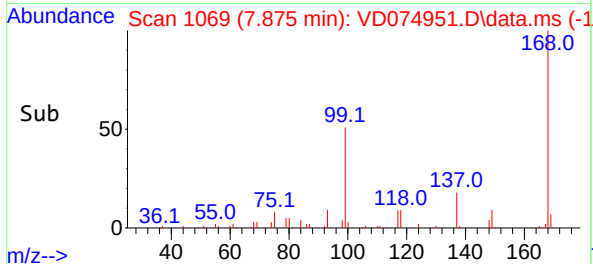
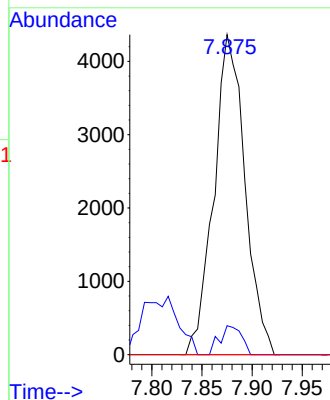
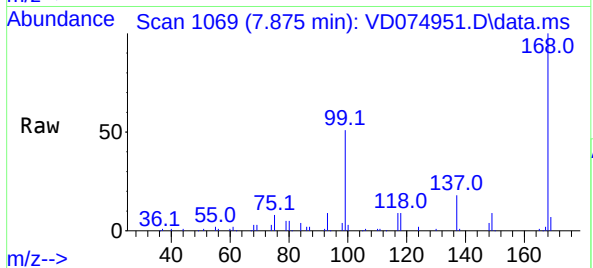
MSVOA_D

ClientSampleId :

RIGHT-SIDE-FLATS-26

Tgt Ion: 75 Resp: 9416

Ion	Ratio	Lower	Upper
75	100		
110	6.3	19.7	59.0#
77	0.0	25.4	38.2#



#38

Carbon Tetrachloride

Concen: 6.150 ug/l

RT: 7.881 min Scan# 1070

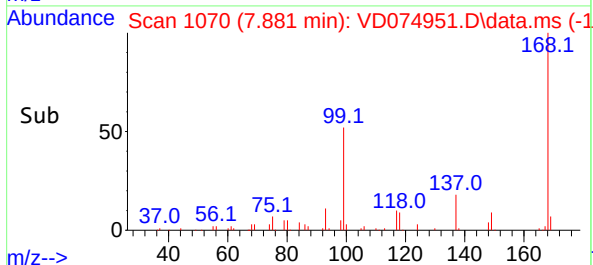
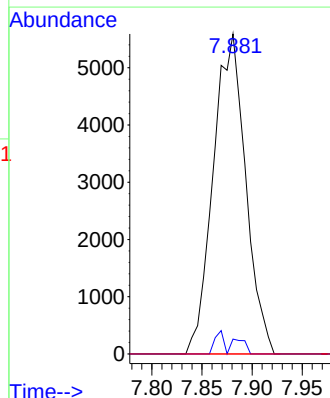
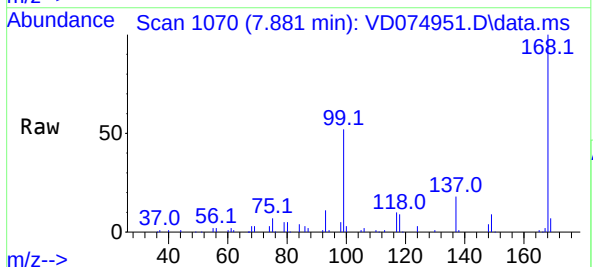
Delta R.T. -0.106 min

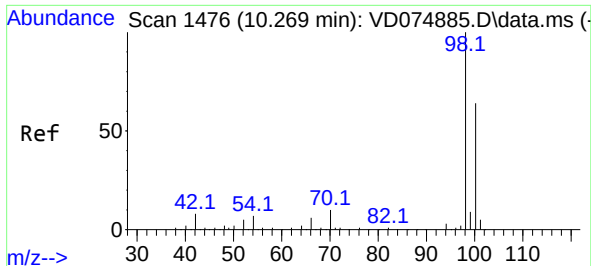
Lab File: VD074951.D

Acq: 16 Nov 2022 16:20

Tgt Ion: 117 Resp: 12588

Ion	Ratio	Lower	Upper
117	100		
119	4.7	73.1	109.7#
121	0.0	25.0	37.6#

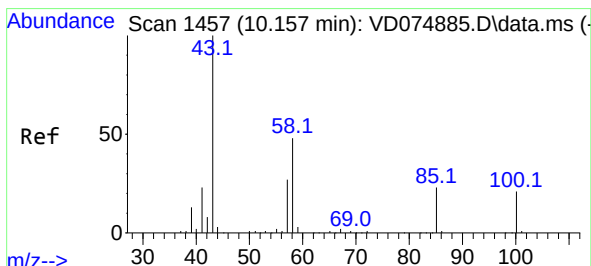
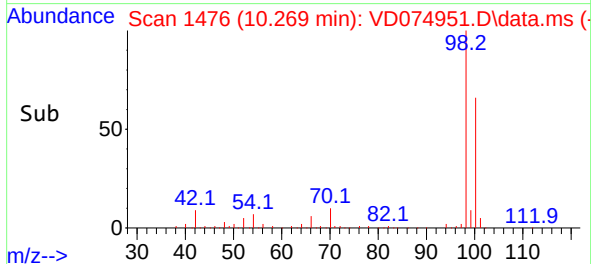
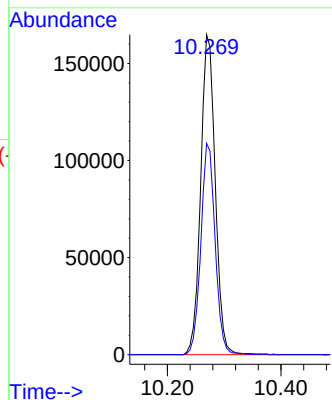
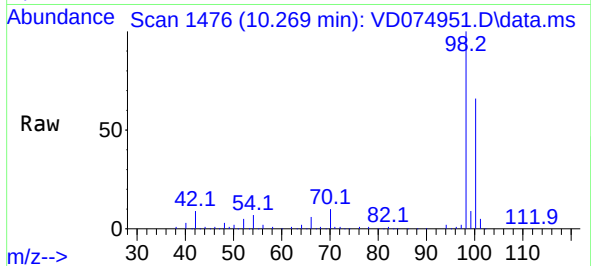




#50
Toluene-d8
Concen: 60.196 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074951.D
Acq: 16 Nov 2022 16:20

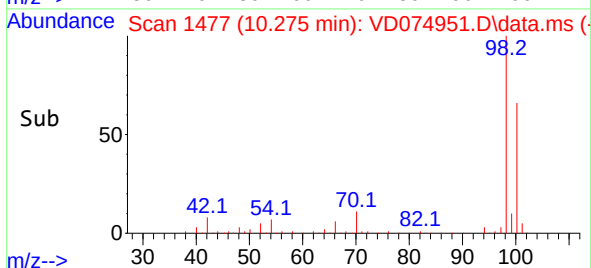
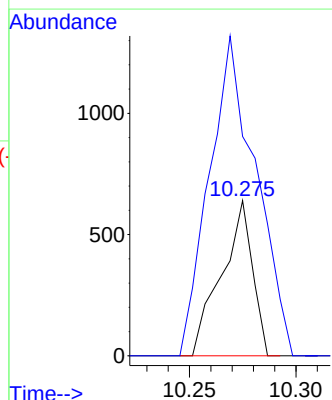
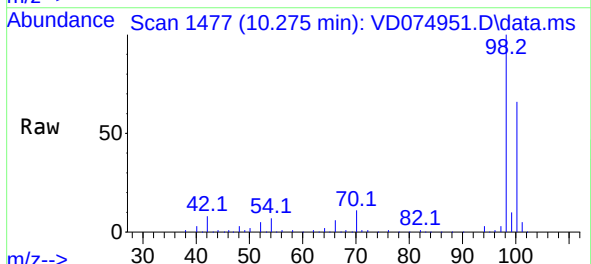
Instrument :
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RIGHT-SIDE-FLATS-26

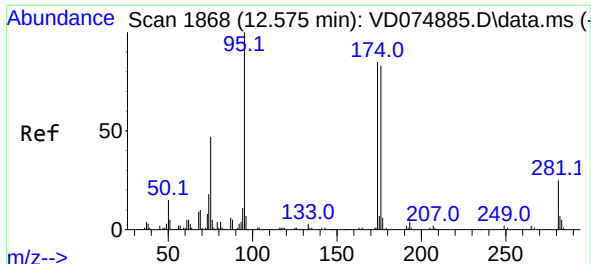
Tgt Ion: 98 Resp: 293374
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.061 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD074951.D
Acq: 16 Nov 2022 16:20

Tgt Ion: 43 Resp: 650
Ion Ratio Lower Upper
43 100
58 308.3 37.8 56.6#

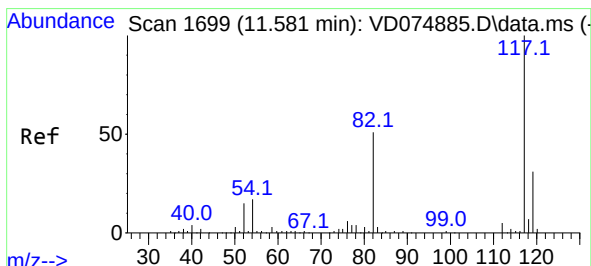
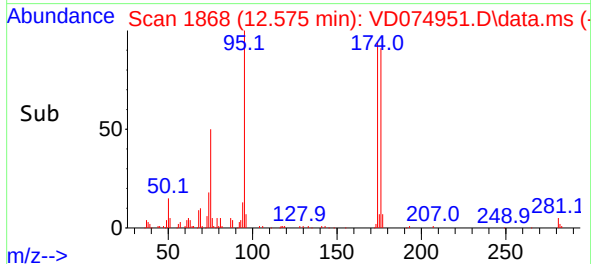
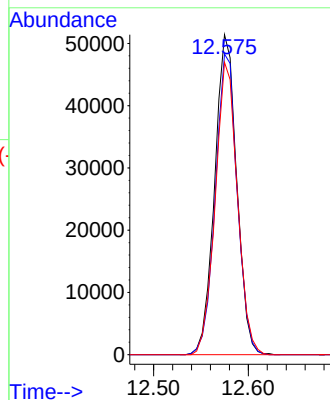
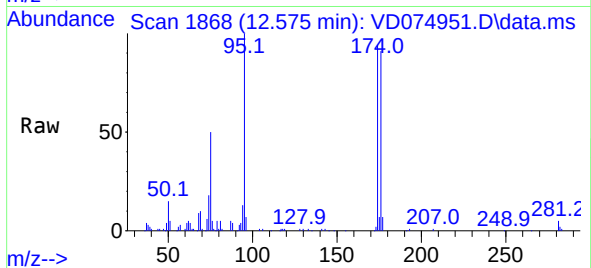




#62
4-Bromofluorobenzene
Concen: 55.417 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074951.D
Acq: 16 Nov 2022 16:20

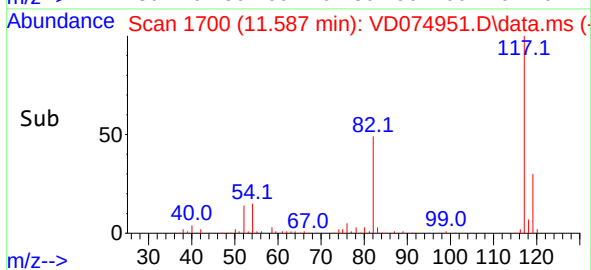
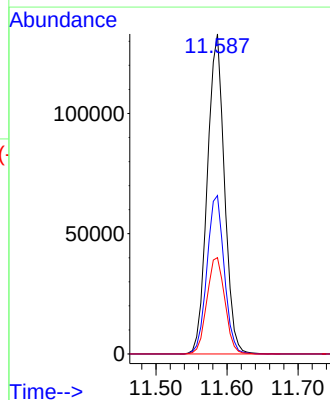
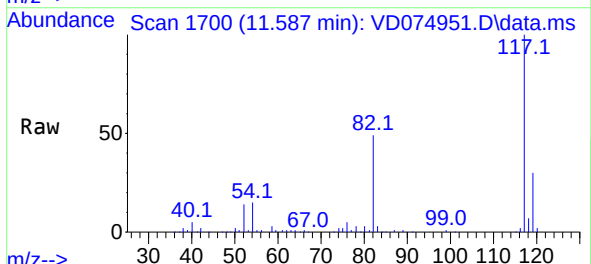
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-26

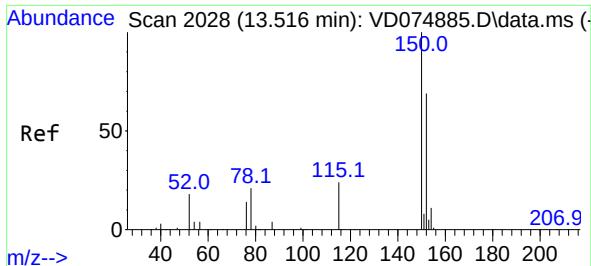
Tgt Ion: 95 Resp: 82933
Ion Ratio Lower Upper
95 100
174 93.6 0.0 197.0
176 91.8 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD074951.D
Acq: 16 Nov 2022 16:20

Tgt Ion: 117 Resp: 222766
Ion Ratio Lower Upper
117 100
82 49.5 41.6 62.4
119 30.1 25.2 37.8

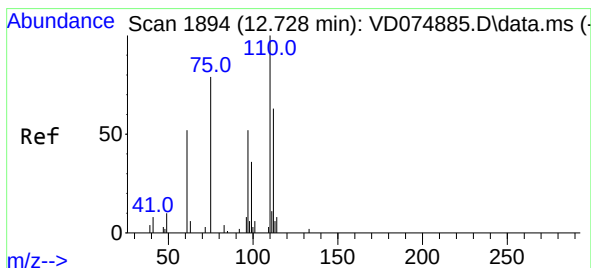
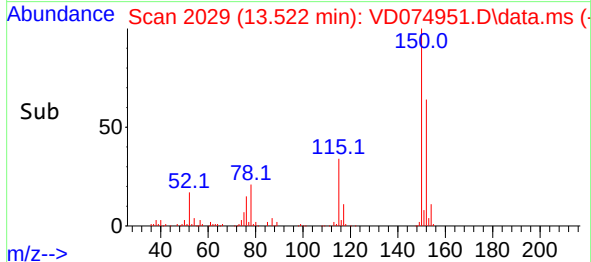
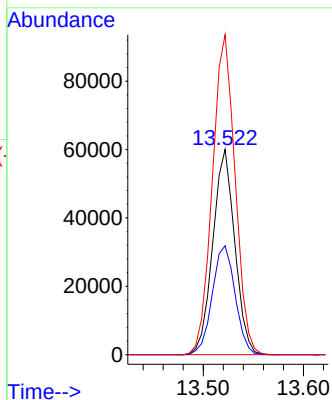
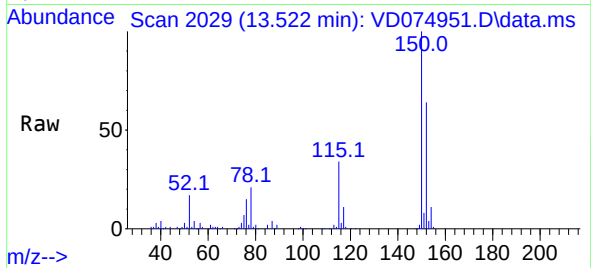




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074951.D
Acq: 16 Nov 2022 16:20

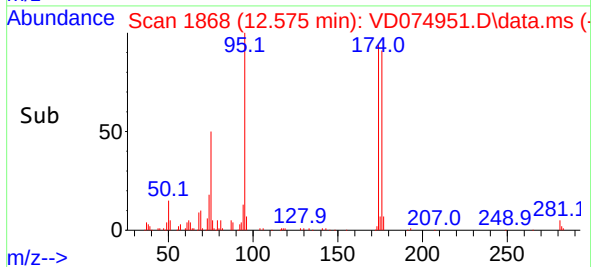
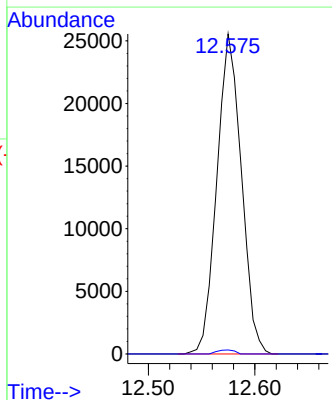
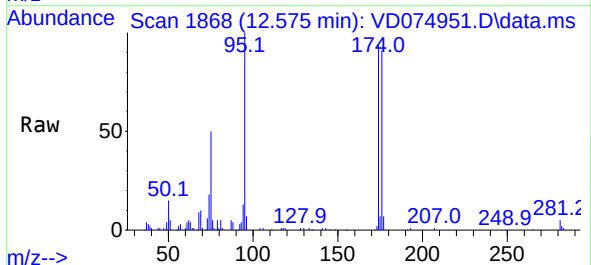
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-26

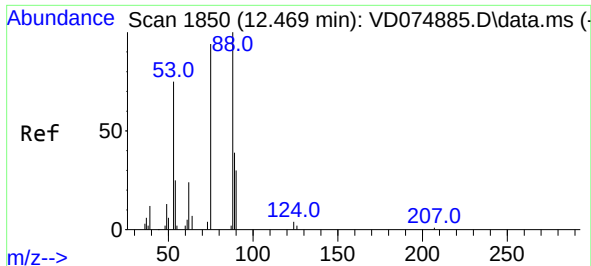
Tgt Ion:152 Resp: 91542
Ion Ratio Lower Upper
152 100
115 55.2 26.8 80.4
150 160.9 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 53.261 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074951.D
Acq: 16 Nov 2022 16:20

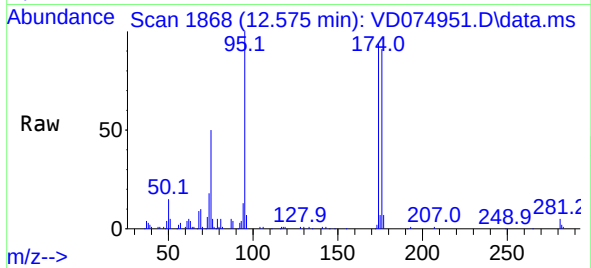
Tgt Ion: 75 Resp: 40780
Ion Ratio Lower Upper
75 100
77 0.9 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 131.024 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD074951.D
Acq: 16 Nov 2022 16:20

Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-26



Tgt Ion: 75 Resp: 40780
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

