

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111722\
 Data File : VD074968.D
 Acq On : 17 Nov 2022 14:34
 Operator : VA/SY
 Sample : N5642-05RE
 Misc : 6.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RIGHT-SIDE-FLATS-25

Quant Time: Nov 17 22:35:56 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)

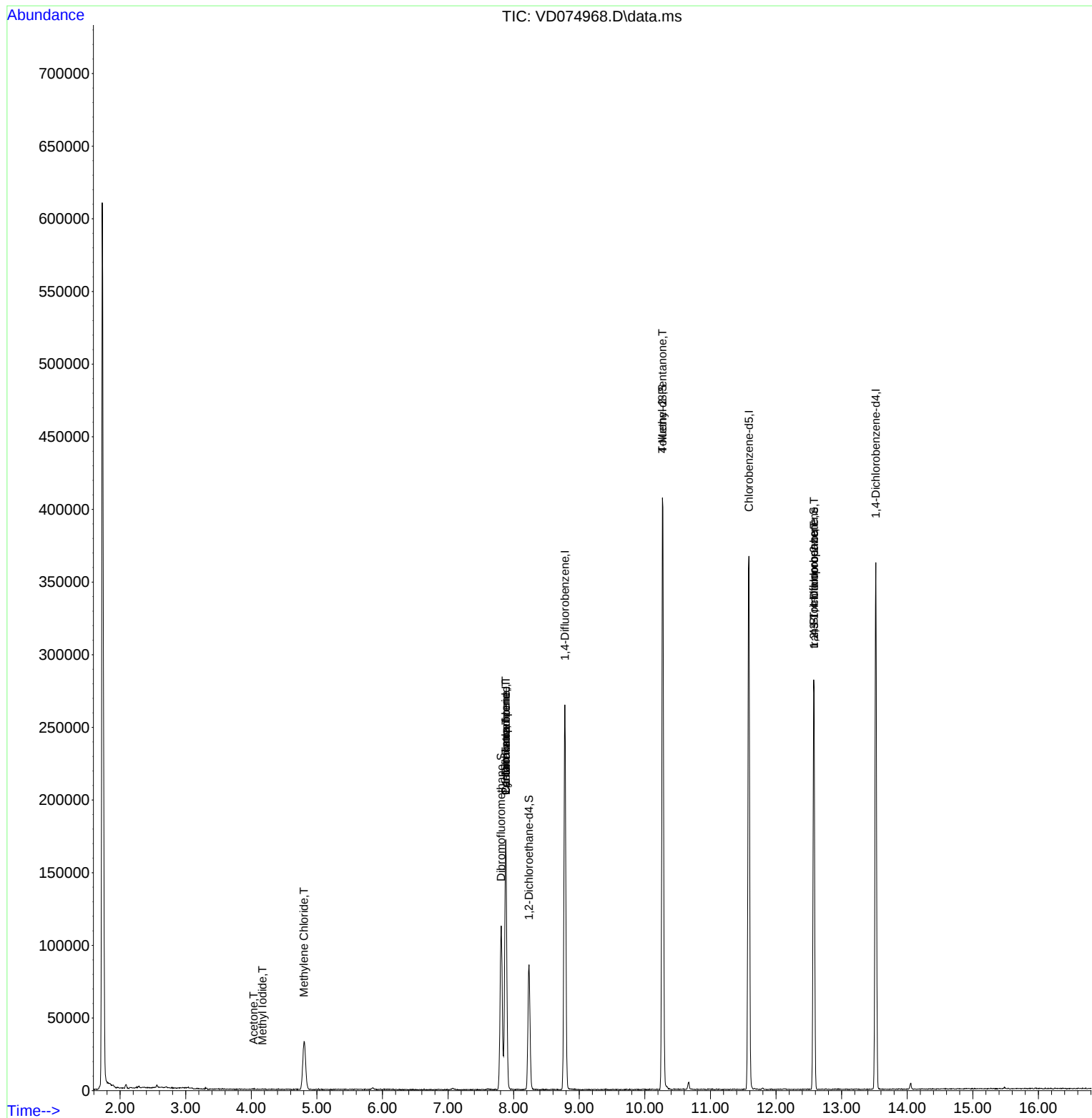
Internal Standards						
1) Pentafluorobenzene	7.881	168	141188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	252221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	236273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	103985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68305	75.875	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 151.740%	
35) Dibromofluoromethane	7.810	113	82554	53.097	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.200%	
50) Toluene-d8	10.269	98	297787	58.145	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.280%	
62) 4-Bromofluorobenzene	12.574	95	86591	55.061	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	420	Below Cal	#	37
5) Bromomethane	2.704	94	508	Below Cal		97
10) Methyl Iodide	4.169	142	238	4.895	ug/l #	43
16) Acetone	4.034	43	584	2.506	ug/l #	37
18) Methyl Acetate	4.840	43	58	Below Cal	#	44
20) Methylene Chloride	4.804	84	29802	2.457	ug/l	97
31) Cyclohexane	7.881	56	2496	1.213	ug/l #	24
36) 1,1-Dichloropropene	7.881	75	10365	4.536	ug/l #	46
38) Carbon Tetrachloride	7.881	117	13410	6.235	ug/l #	19
51) 4-Methyl-2-Pentanone	10.269	43	989	1.536	ug/l #	1
76) 1,2,3-Trichloropropane	12.580	75	41322	47.511	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.580	75	41322	116.879	ug/l #	17

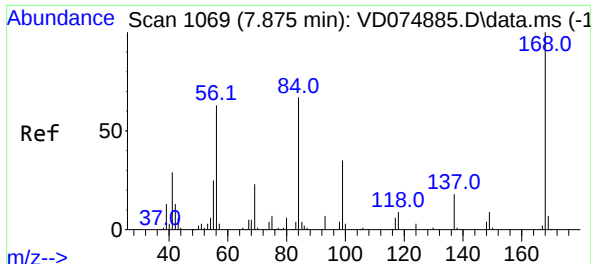
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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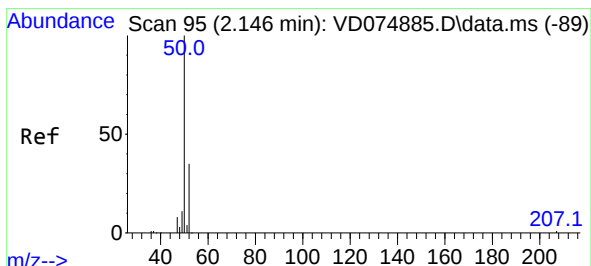
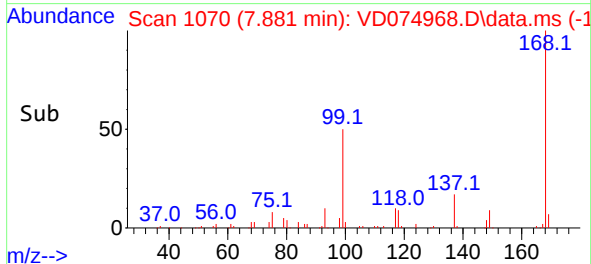
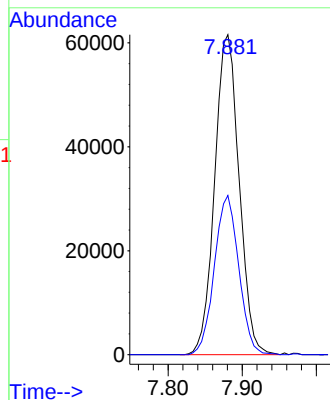
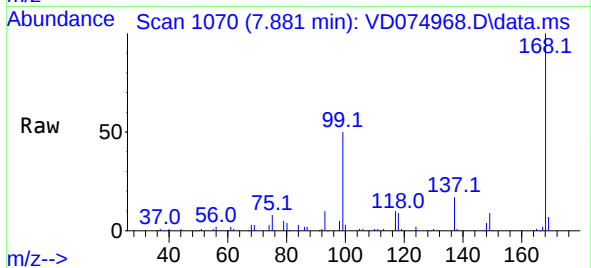




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074968.D
Acq: 17 Nov 2022 14:34

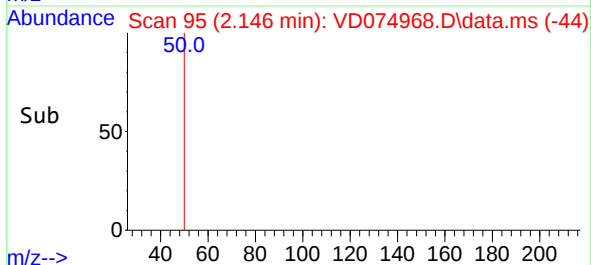
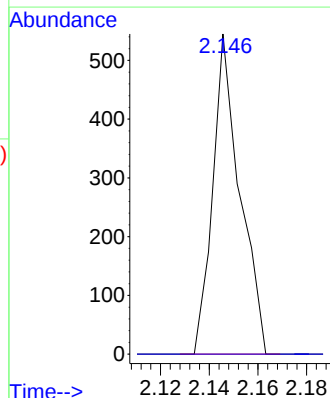
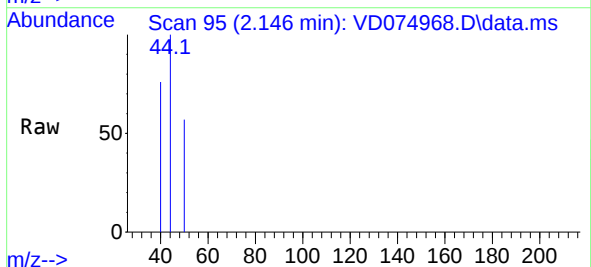
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-25

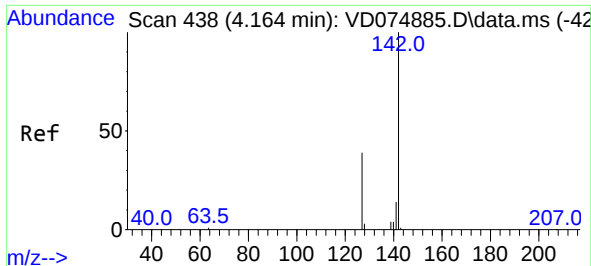
Tgt Ion:168 Resp: 141188
Ion Ratio Lower Upper
168 100
99 49.8 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD074968.D
Acq: 17 Nov 2022 14:34

Tgt Ion: 50 Resp: 420
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

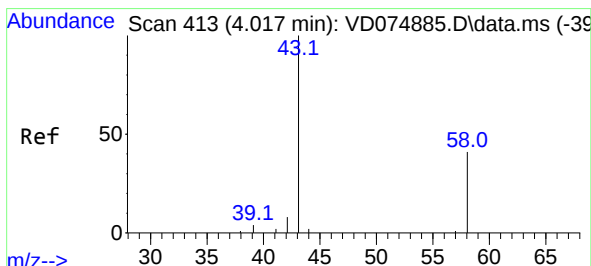
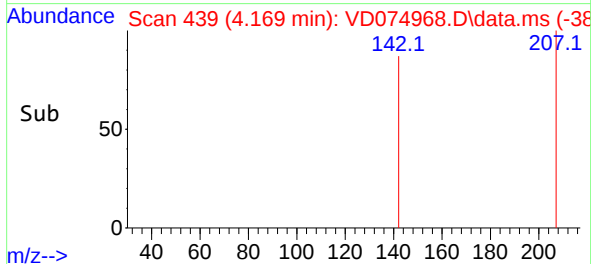
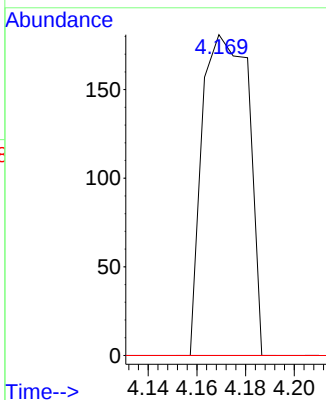
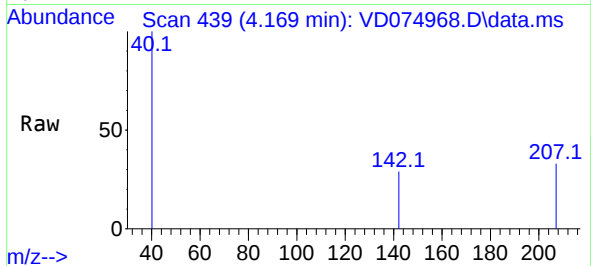




#10
Methyl Iodide
Concen: 4.895 ug/l
RT: 4.169 min Scan# 416
Delta R.T. 0.005 min
Lab File: VD074968.D
Acq: 17 Nov 2022 14:34

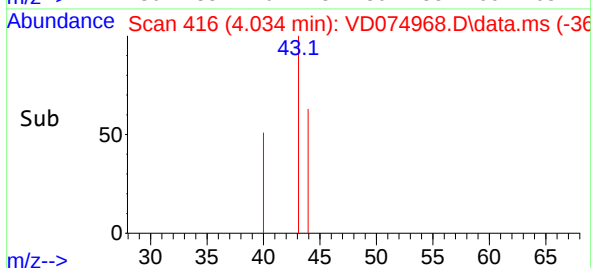
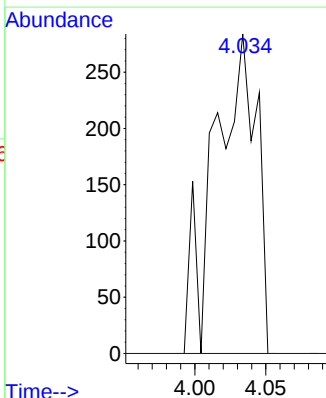
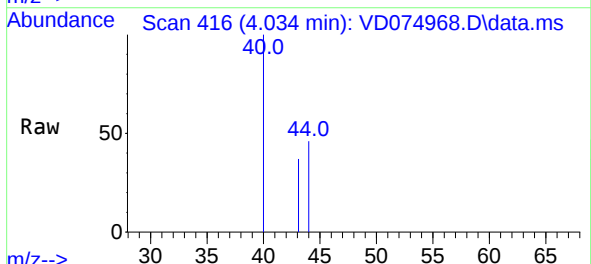
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-25

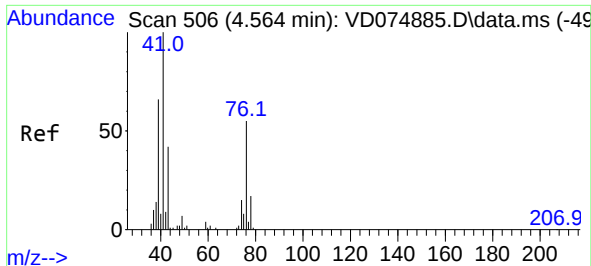
Tgt Ion:	142	Resp:	238
Ion	Ratio	Lower	Upper
142	100		
127	0.0	31.9	47.9#
141	0.0	11.4	17.2#



#16
Acetone
Concen: 2.506 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.017 min
Lab File: VD074968.D
Acq: 17 Nov 2022 14:34

Tgt Ion:	43	Resp:	584
Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.2	45.2#

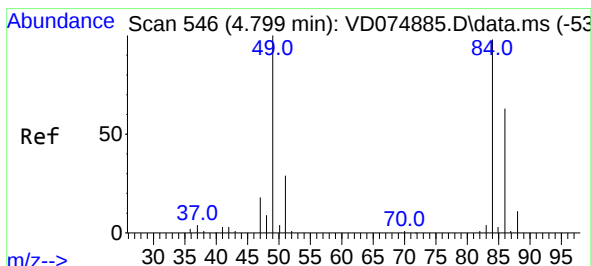
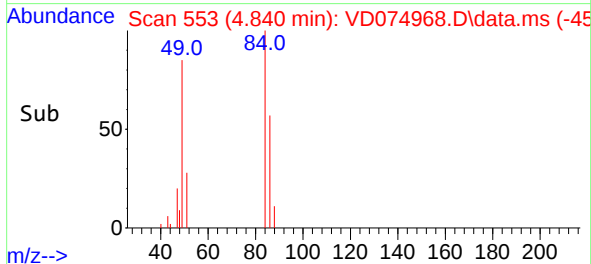
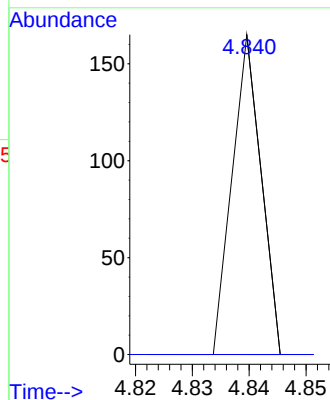
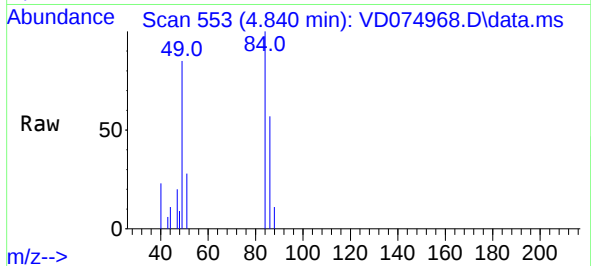




#18
Methyl Acetate
Concen: Below Cal
RT: 4.840 min Scan# 51
Delta R.T. 0.276 min
Lab File: VD074968.D
Acq: 17 Nov 2022 14:34

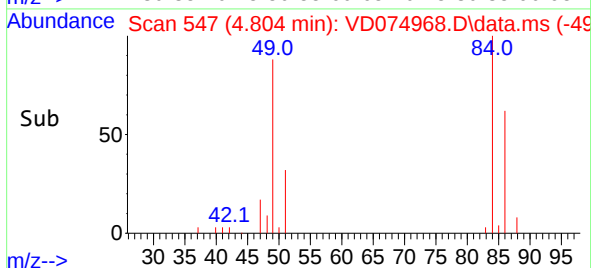
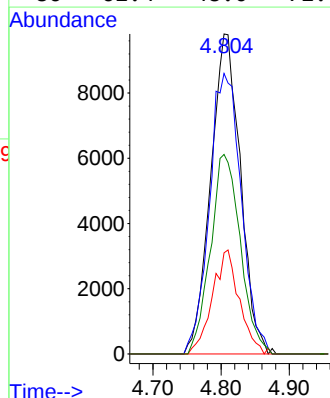
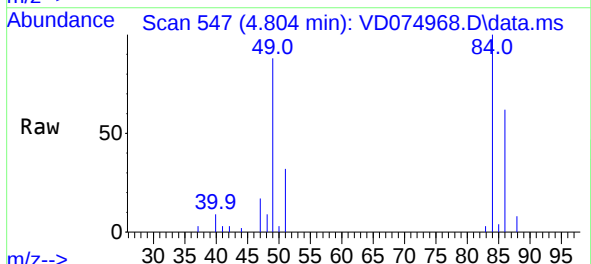
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-25

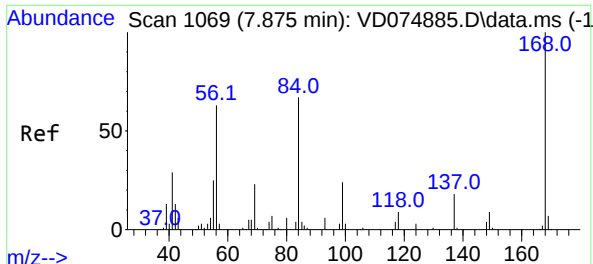
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
74 0.0 24.7 37.1#



#20
Methylene Chloride
Concen: 2.457 ug/l
RT: 4.804 min Scan# 547
Delta R.T. 0.005 min
Lab File: VD074968.D
Acq: 17 Nov 2022 14:34

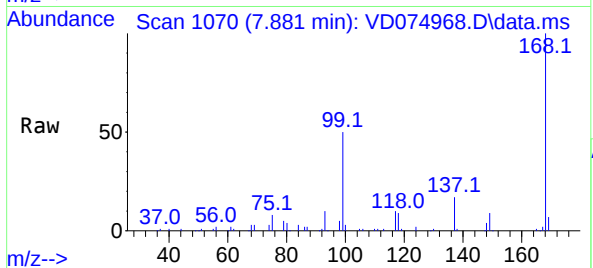
Tgt Ion: 84 Resp: 29802
Ion Ratio Lower Upper
84 100
49 87.6 68.0 102.0
51 31.6 23.2 34.8
86 62.4 48.0 72.0



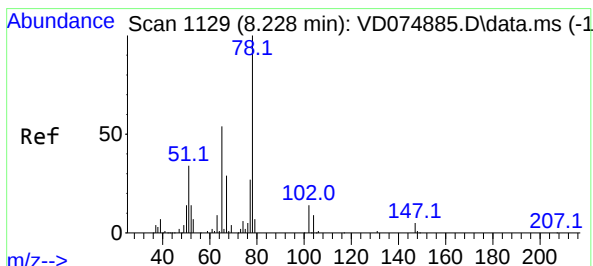
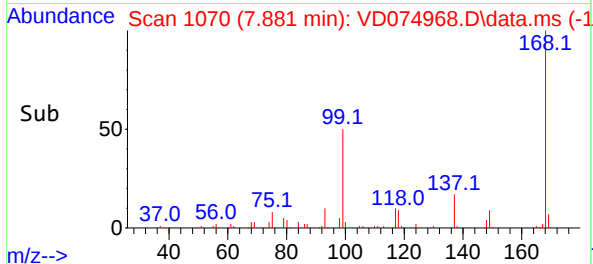
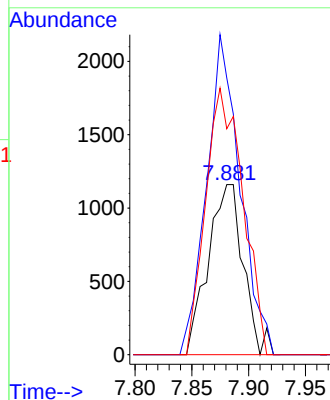


#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074968.D
Acq: 17 Nov 2022 14:34

Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-25

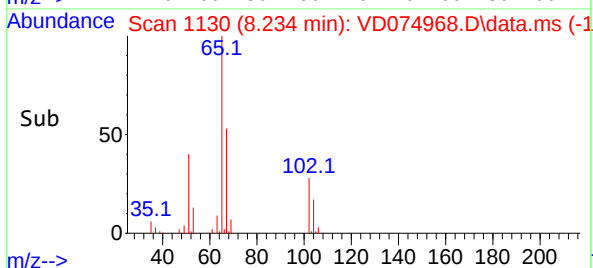
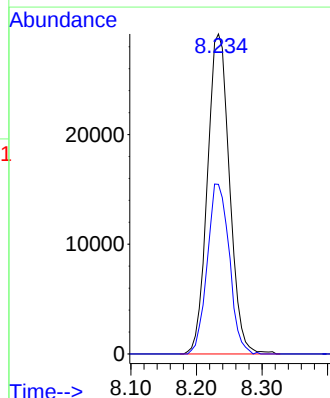
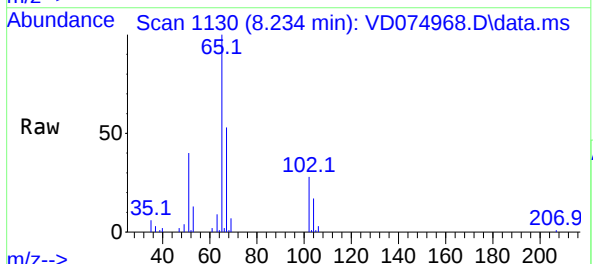


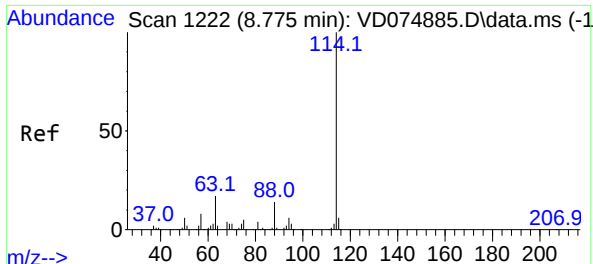
Tgt Ion: 56 Resp: 2496
Ion Ratio Lower Upper
56 100
69 162.8 29.2 43.8#
84 132.8 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 75.875 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074968.D
Acq: 17 Nov 2022 14:34

Tgt Ion: 65 Resp: 68305
Ion Ratio Lower Upper
65 100
67 52.8 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: VD074968.D

Acq: 17 Nov 2022 14:34

Instrument :

MSVOA_D

ClientSampleId :

RIGHT-SIDE-FLATS-25

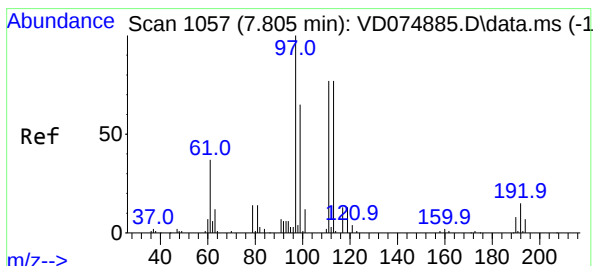
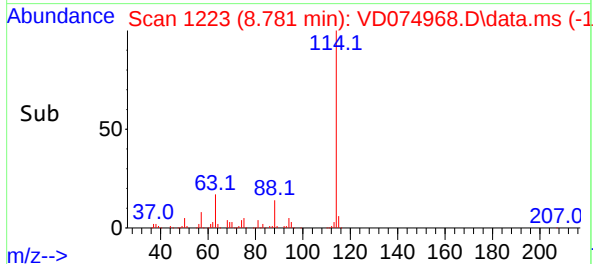
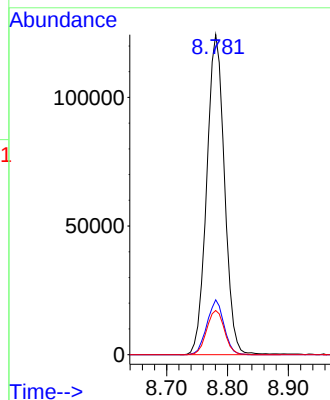
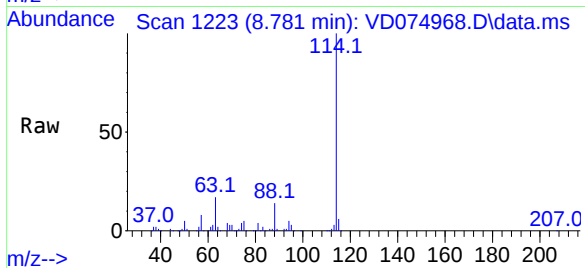
Tgt Ion:114 Resp: 252221

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.2

88 13.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 53.097 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074968.D

Acq: 17 Nov 2022 14:34

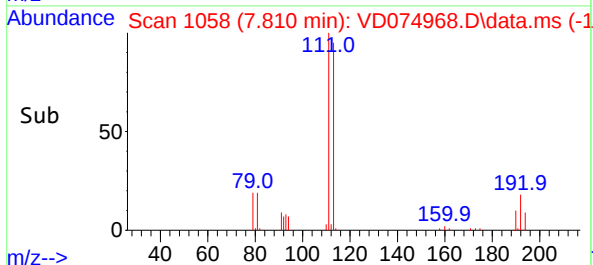
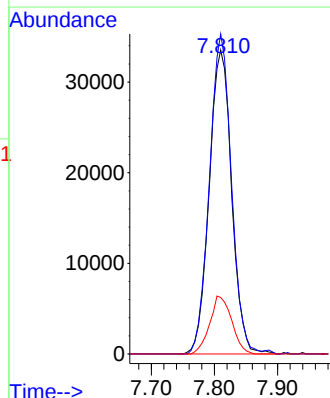
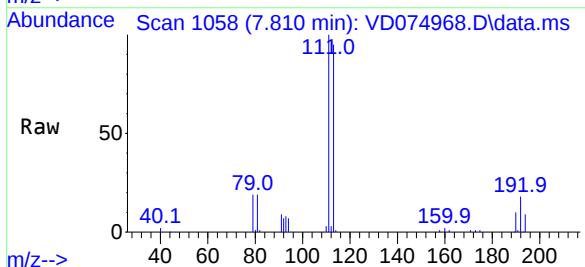
Tgt Ion:113 Resp: 82554

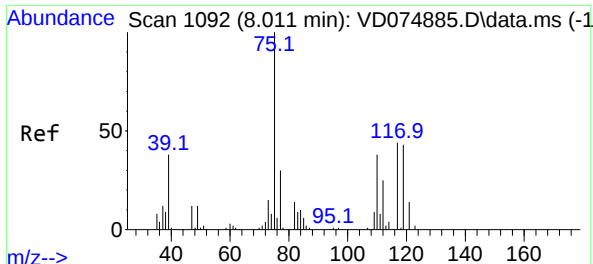
Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

192 18.7 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.536 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.130 min

Lab File: VD074968.D

Acq: 17 Nov 2022 14:34

Instrument :

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ClientSampleId :

RIGHT-SIDE-FLATS-25

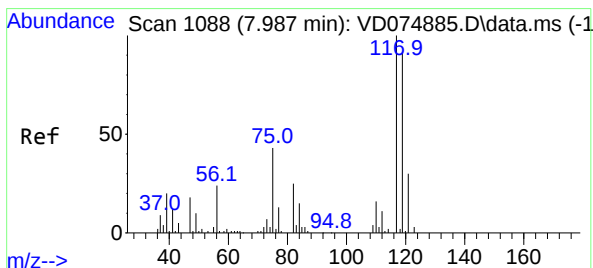
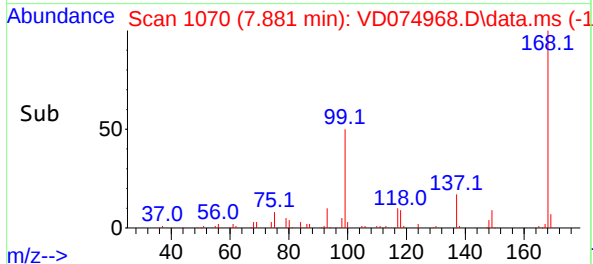
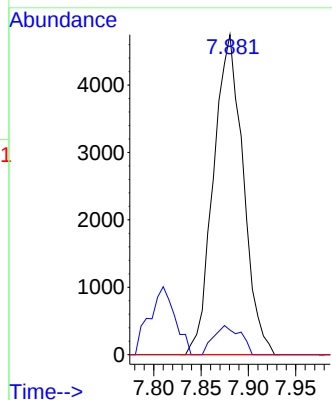
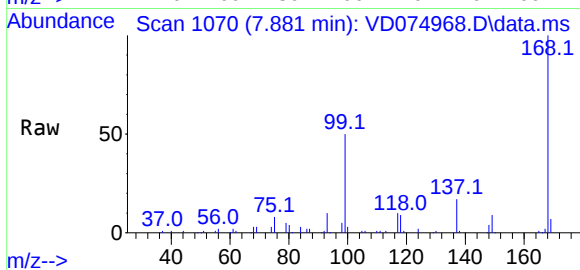
Tgt Ion: 75 Resp: 10365

Ion Ratio Lower Upper

75 100

110 8.3 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.235 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.106 min

Lab File: VD074968.D

Acq: 17 Nov 2022 14:34

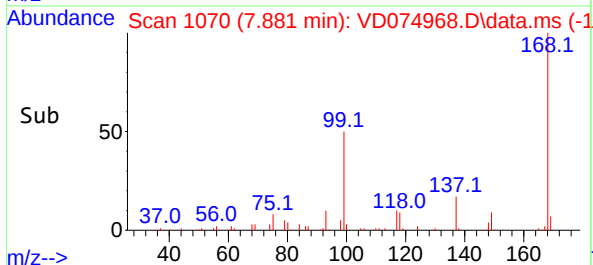
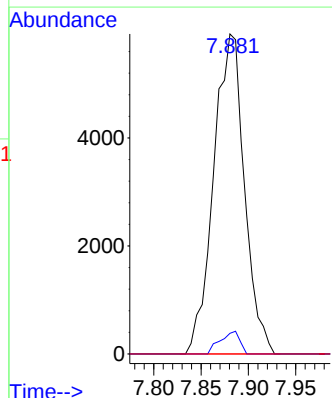
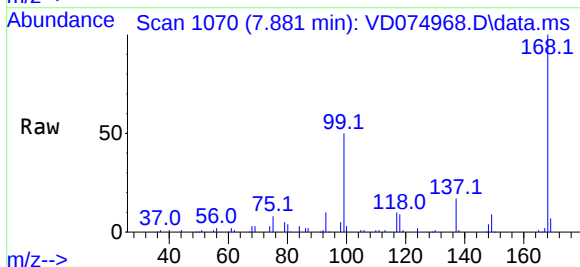
Tgt Ion: 117 Resp: 13410

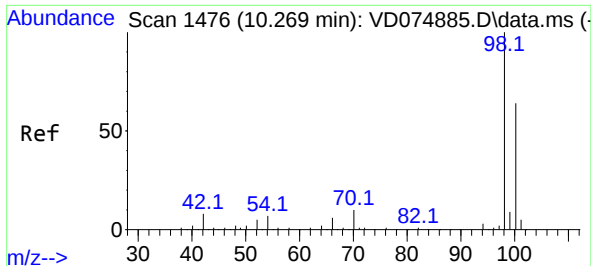
Ion Ratio Lower Upper

117 100

119 6.4 73.1 109.7#

121 0.0 25.0 37.6#

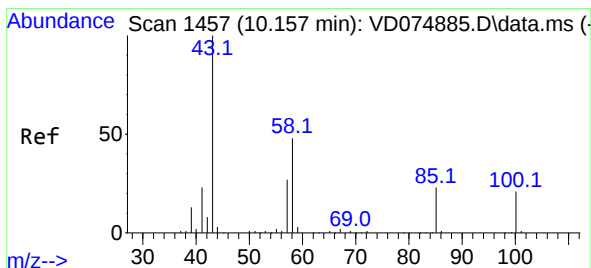
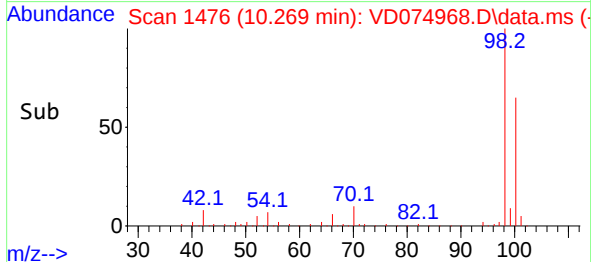
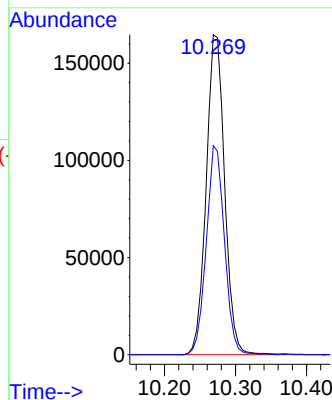
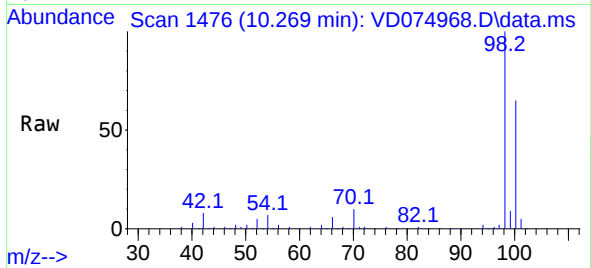




#50
Toluene-d8
Concen: 58.145 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074968.D
Acq: 17 Nov 2022 14:34

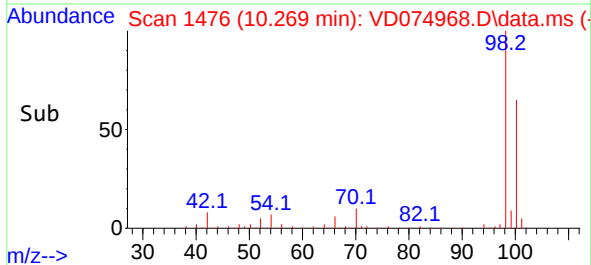
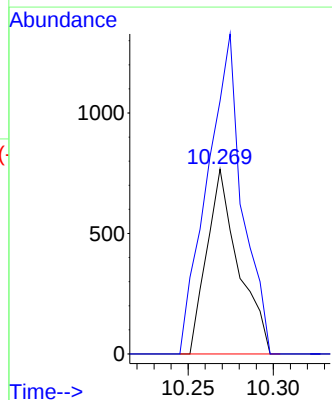
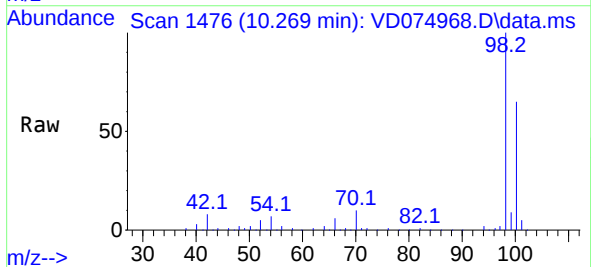
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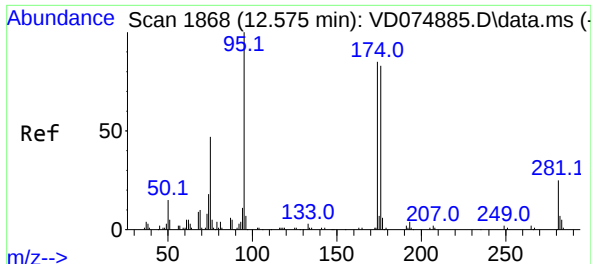
Tgt Ion: 98 Resp: 297787
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.536 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074968.D
Acq: 17 Nov 2022 14:34

Tgt Ion: 43 Resp: 989
Ion Ratio Lower Upper
43 100
58 192.5 37.8 56.6#

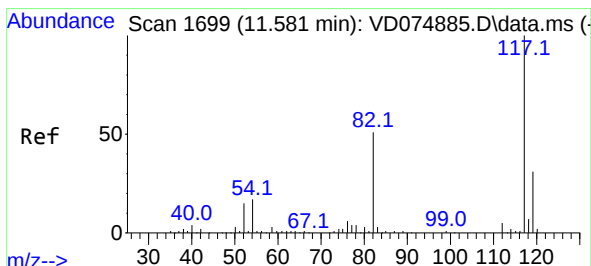
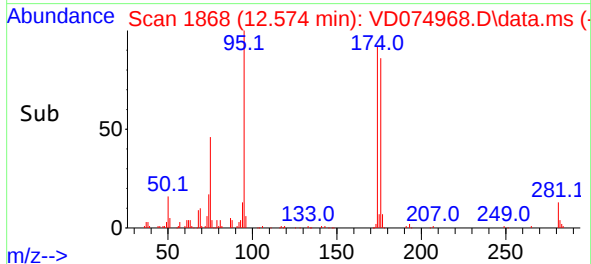
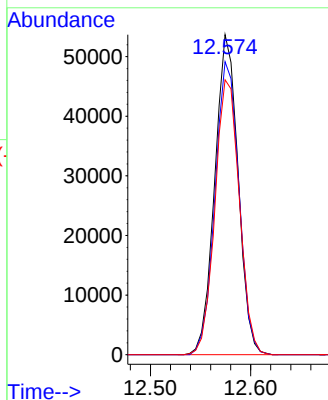
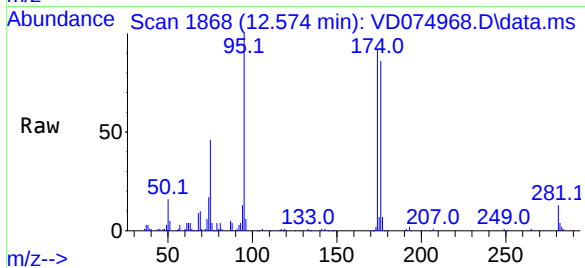




#62
4-Bromofluorobenzene
Concen: 55.061 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD074968.D
Acq: 17 Nov 2022 14:34

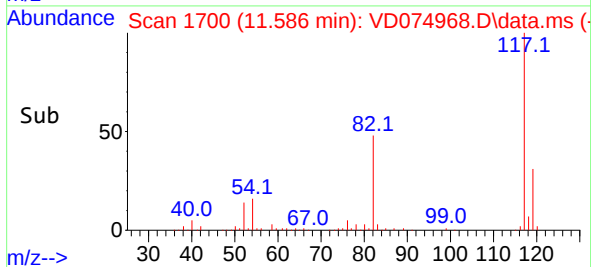
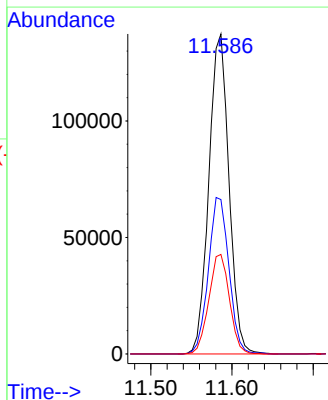
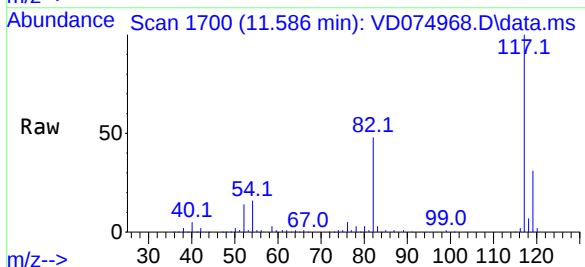
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-25

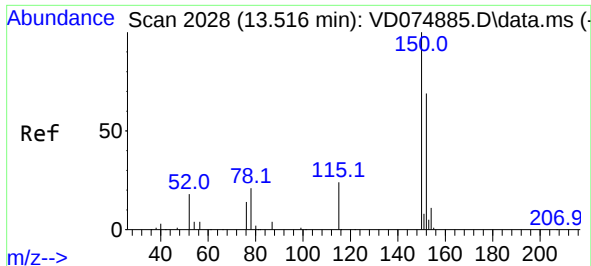
Tgt Ion:	95	Resp:	86591
Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	197.0
176	90.0	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1700
Delta R.T. 0.005 min
Lab File: VD074968.D
Acq: 17 Nov 2022 14:34

Tgt Ion:	117	Resp:	236273
Ion	Ratio	Lower	Upper
117	100		
82	48.2	41.6	62.4
119	31.1	25.2	37.8

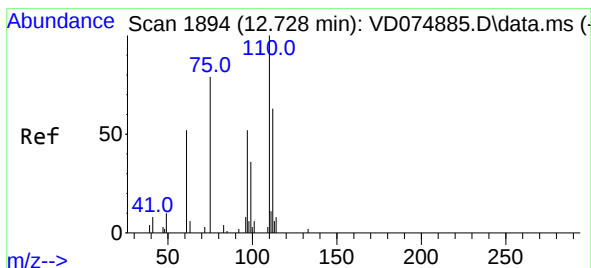
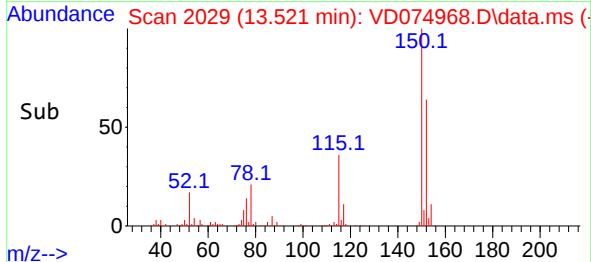
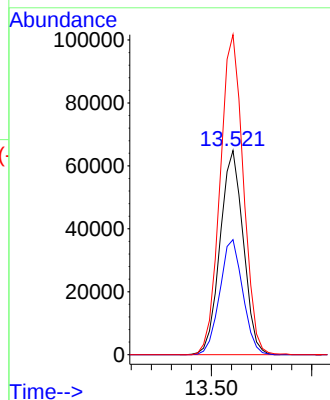
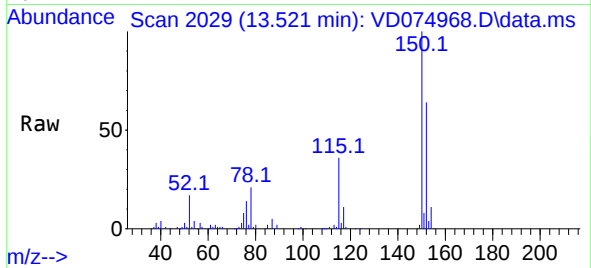




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.521 min Scan# 20
Delta R.T. 0.005 min
Lab File: VD074968.D
Acq: 17 Nov 2022 14:34

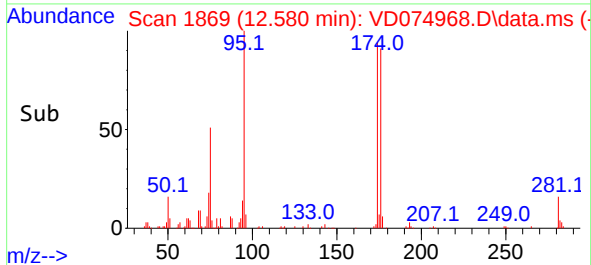
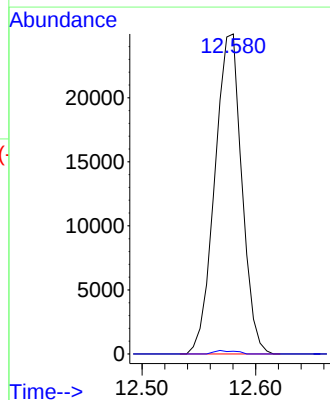
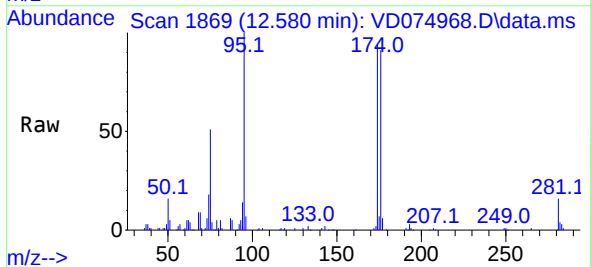
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-25

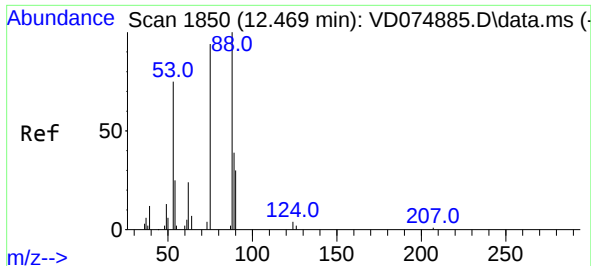
Tgt Ion:152 Resp: 103985
Ion Ratio Lower Upper
152 100
115 56.0 26.8 80.4
150 156.9 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 47.511 ug/l
RT: 12.580 min Scan# 1869
Delta R.T. -0.148 min
Lab File: VD074968.D
Acq: 17 Nov 2022 14:34

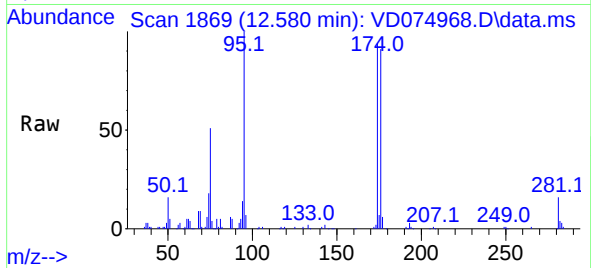
Tgt Ion: 75 Resp: 41322
Ion Ratio Lower Upper
75 100
77 0.9 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.879 ug/l
 RT: 12.580 min Scan# 11
 Delta R.T. 0.111 min
 Lab File: VD074968.D
 Acq: 17 Nov 2022 14:34

Instrument :
 MSVOA_D
 ClientSampleId :
 RIGHT-SIDE-FLATS-25



Tgt Ion: 75 Resp: 41322
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

