

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111622\
 Data File : VD074950.D
 Acq On : 16 Nov 2022 15:53
 Operator : VA/SY
 Sample : N5642-05
 Misc : 6.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 17 00:21:20 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)

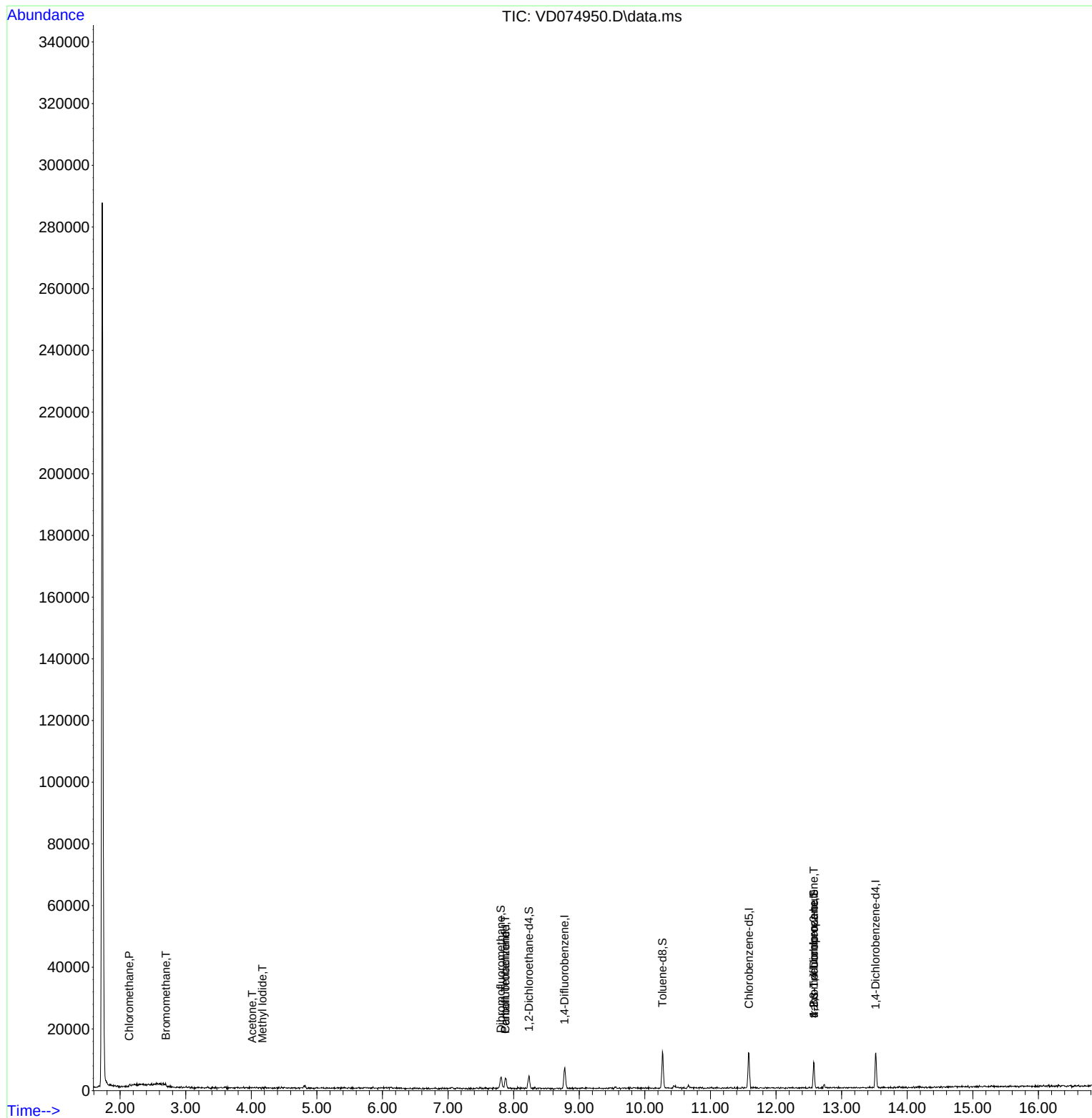
Internal Standards						
1) Pentafluorobenzene	7.875	168	3830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	8169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	8015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	3719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	3109	131.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 263.740%#	
35) Dibromofluoromethane	7.804	113	3115	61.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.720%	
50) Toluene-d8	10.269	98	8929	53.829	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.660%	
62) 4-Bromofluorobenzene	12.575	95	2654	52.106	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	312	4.358	ug/l #	37
5) Bromomethane	2.699	94	199	4.027	ug/l	83
10) Methyl Iodide	4.169	142	194	8.548	ug/l #	43
16) Acetone	4.016	43	127	20.086	ug/l #	37
20) Methylene Chloride	4.799	84	629	Below Cal	#	53
38) Carbon Tetrachloride	7.875	117	261	3.747	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	1487	47.805	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	1487	117.601	ug/l #	17

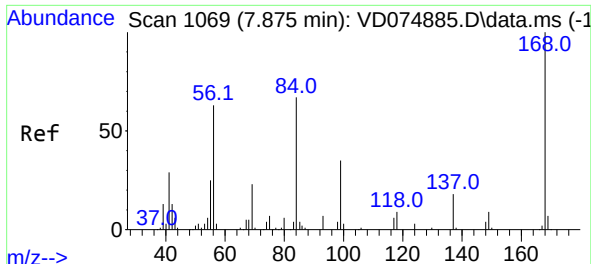
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

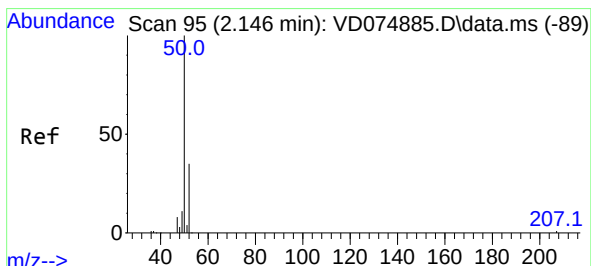
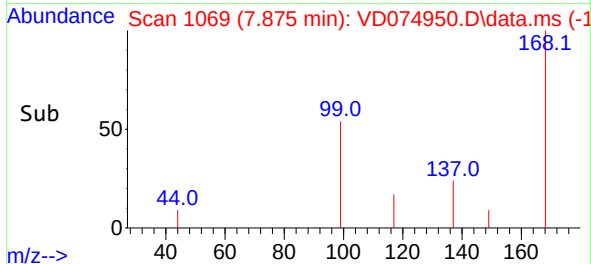
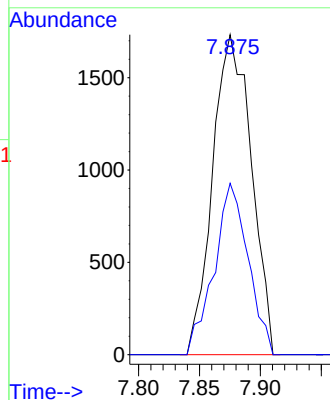
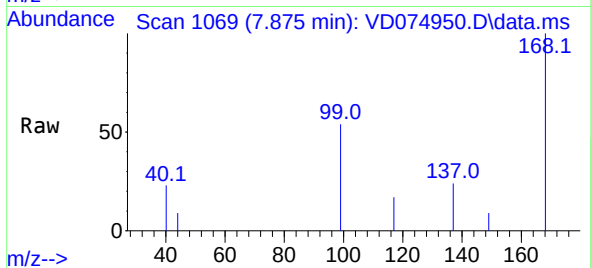




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD074950.D
Acq: 16 Nov 2022 15:53

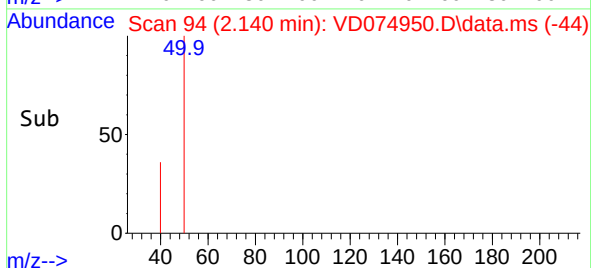
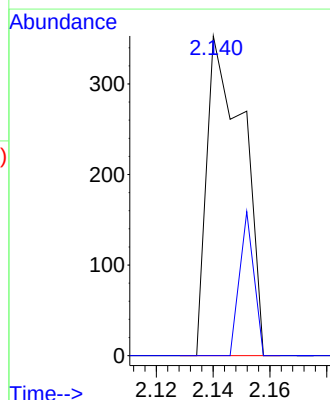
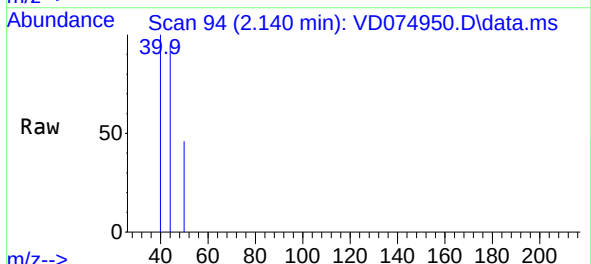
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-25

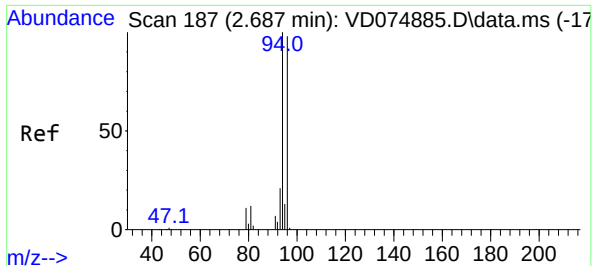
Tgt Ion:168 Resp: 3830
Ion Ratio Lower Upper
168 100
99 53.5 40.9 61.3



#3
Chloromethane
Concen: 4.358 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD074950.D
Acq: 16 Nov 2022 15:53

Tgt Ion: 50 Resp: 312
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

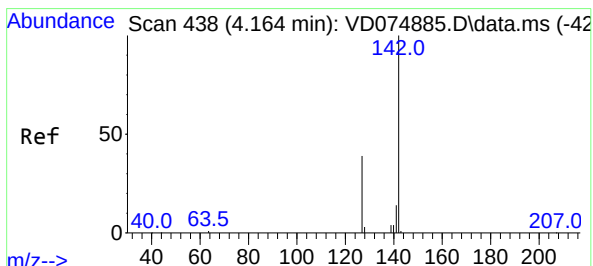
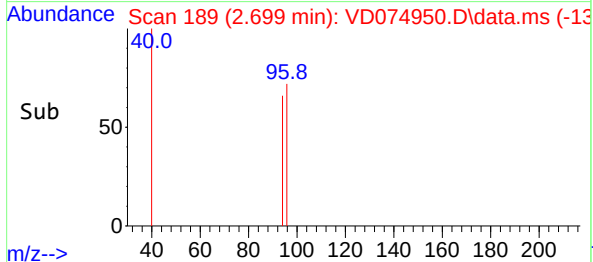
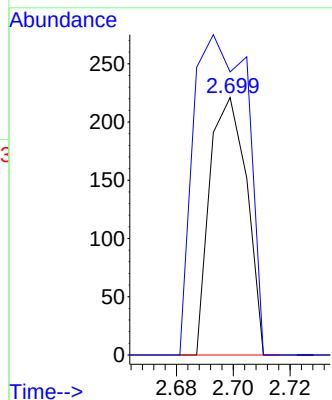
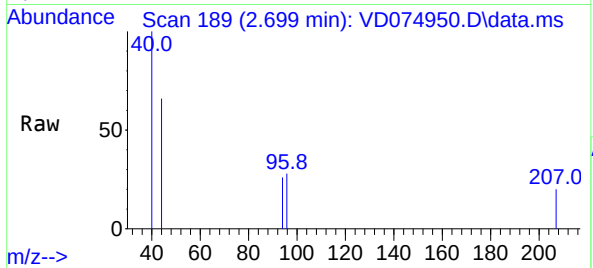




#5
Bromomethane
Concen: 4.027 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD074950.D
Acq: 16 Nov 2022 15:53

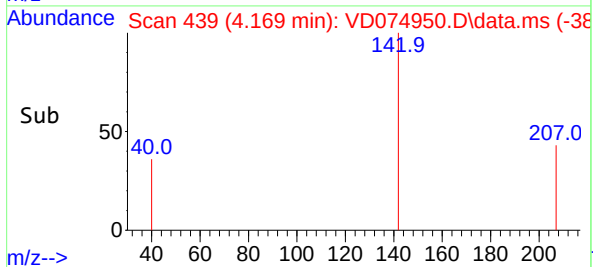
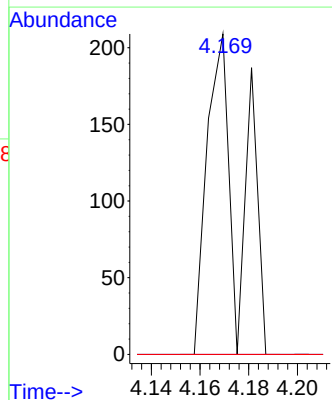
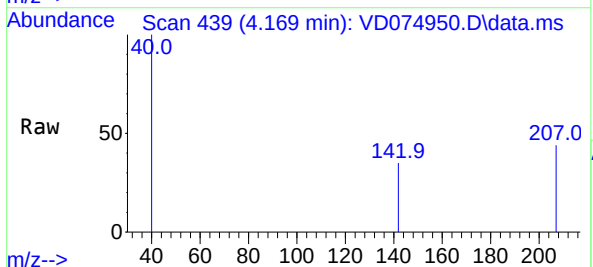
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-25

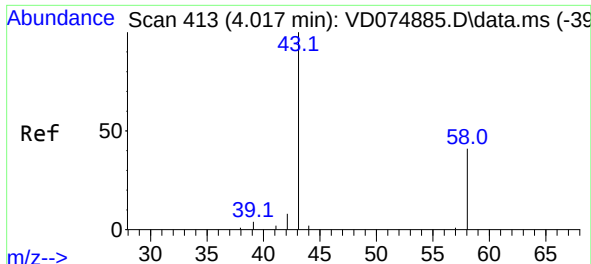
Tgt Ion: 94 Resp: 199
Ion Ratio Lower Upper
94 100
96 110.0 74.6 112.0



#10
Methyl Iodide
Concen: 8.548 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.005 min
Lab File: VD074950.D
Acq: 16 Nov 2022 15:53

Tgt Ion:142 Resp: 194
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

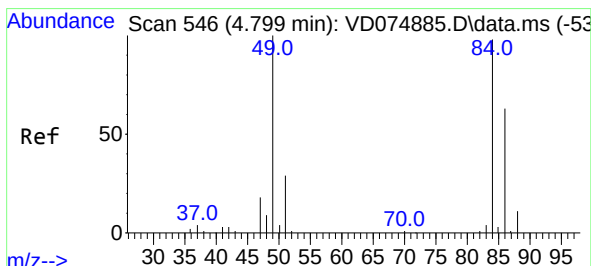
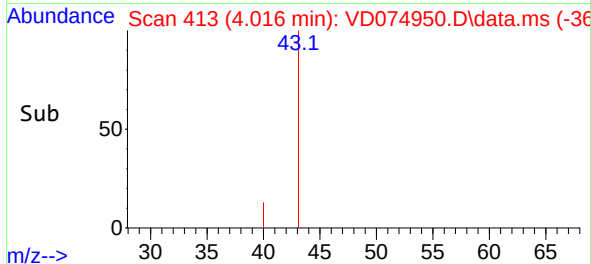
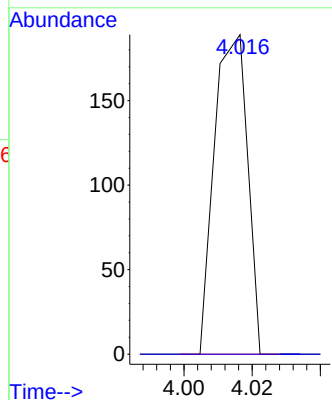
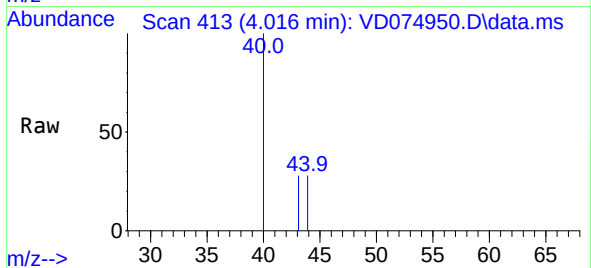




#16
Acetone
Concen: 20.086 ug/l
RT: 4.016 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD074950.D
Acq: 16 Nov 2022 15:53

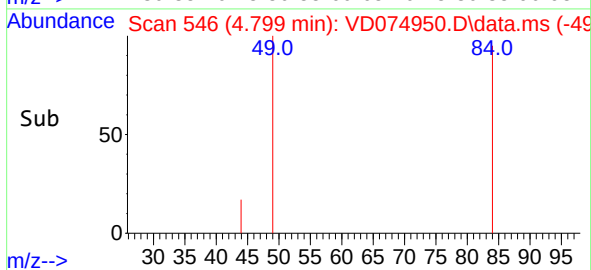
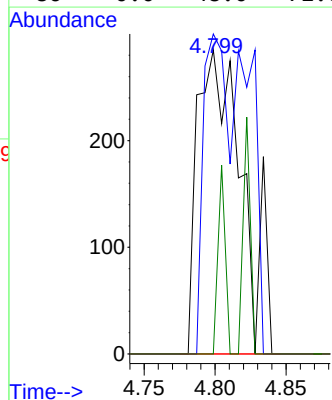
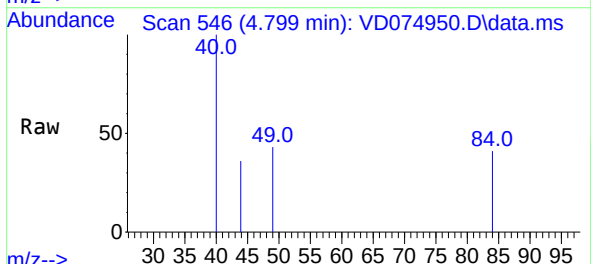
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-25

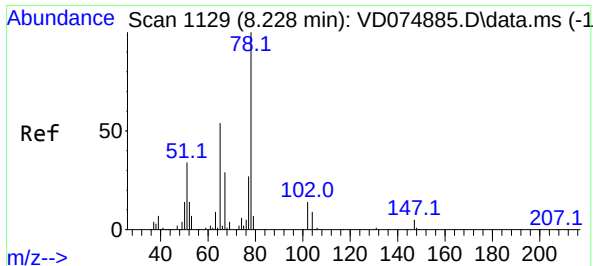
Tgt Ion: 43 Resp: 127
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074950.D
Acq: 16 Nov 2022 15:53

Tgt Ion: 84 Resp: 629
Ion Ratio Lower Upper
84 100
49 105.3 68.0 102.0#
51 0.0 23.2 34.8#
86 0.0 48.0 72.0#





#33

1,2-Dichloroethane-d4

Concen: 131.867 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074950.D

Acq: 16 Nov 2022 15:53

Instrument :

MSVOA_D

ClientSampleId :

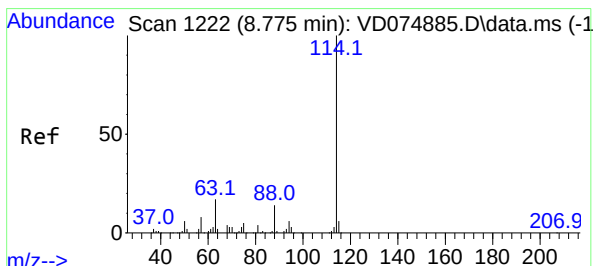
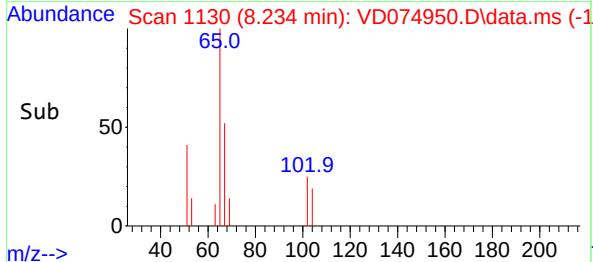
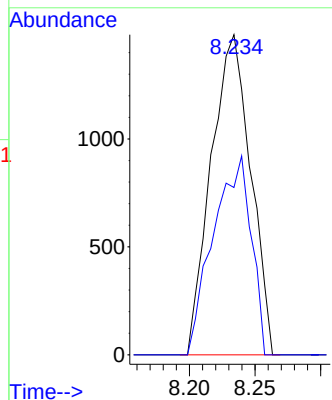
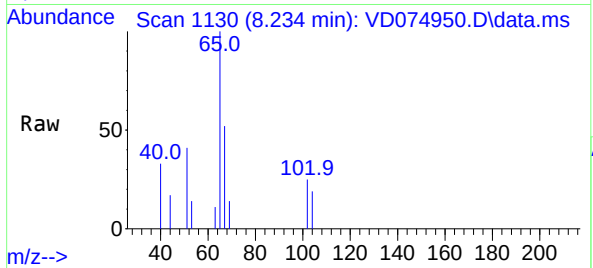
RIGHT-SIDE-FLATS-25

Tgt Ion: 65 Resp: 3109

Ion Ratio Lower Upper

65 100

67 59.3 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074950.D

Acq: 16 Nov 2022 15:53

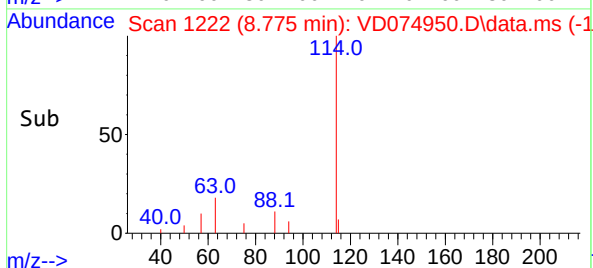
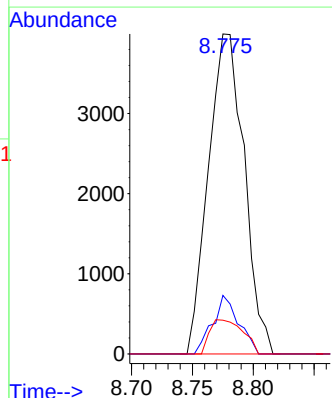
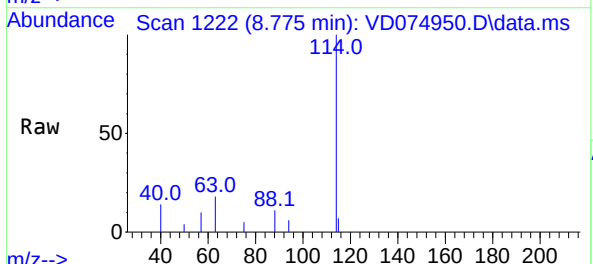
Tgt Ion: 114 Resp: 8169

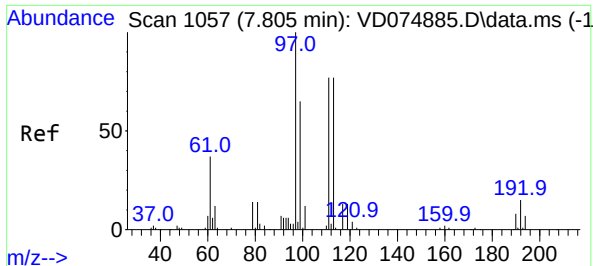
Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.2

88 10.6 0.0 28.2





#35

Dibromofluoromethane

Concen: 61.859 ug/l

RT: 7.804 min Scan# 1069

Delta R.T. -0.001 min

Lab File: VD074950.D

Acq: 16 Nov 2022 15:53

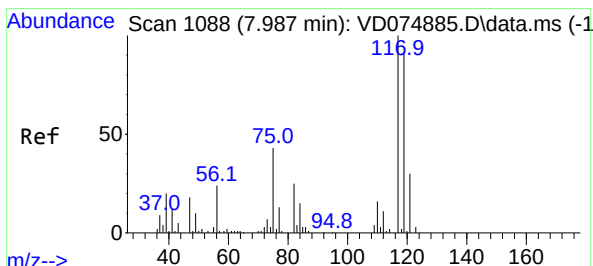
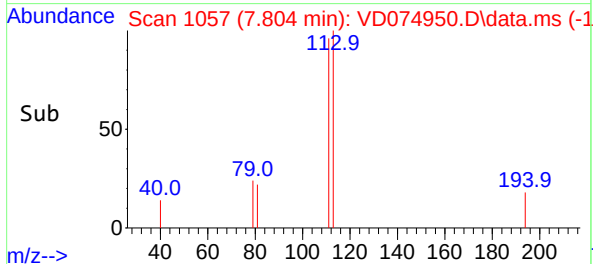
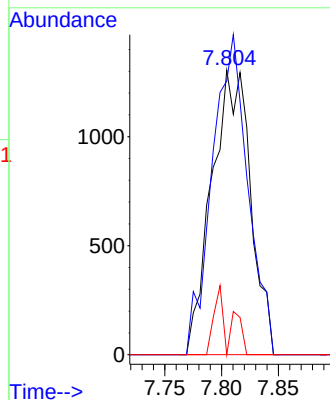
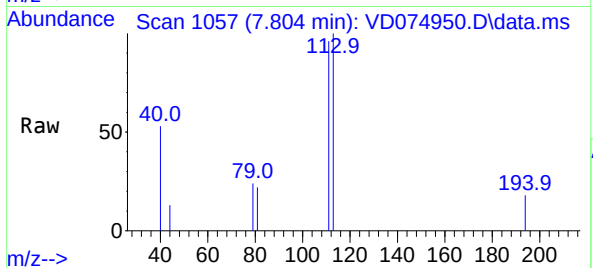
Instrument :

MSVOA_D

ClientSampleId :

RIGHT-SIDE-FLATS-25

Tgt Ion:	113	Resp:	3115
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.3	123.5
192	5.6	16.4	24.6#



#38

Carbon Tetrachloride

Concen: 3.747 ug/l

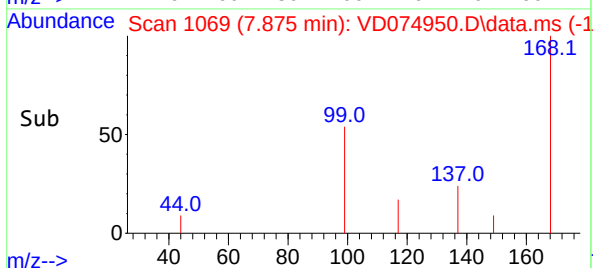
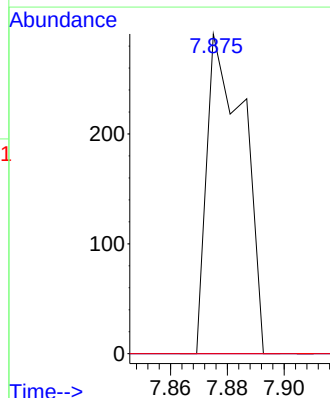
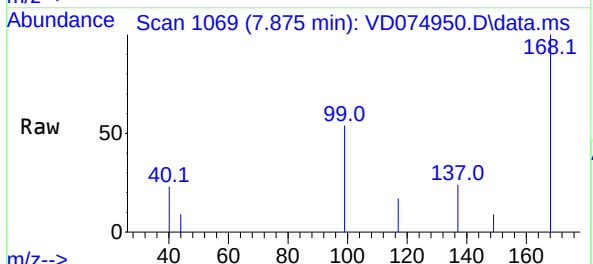
RT: 7.875 min Scan# 1069

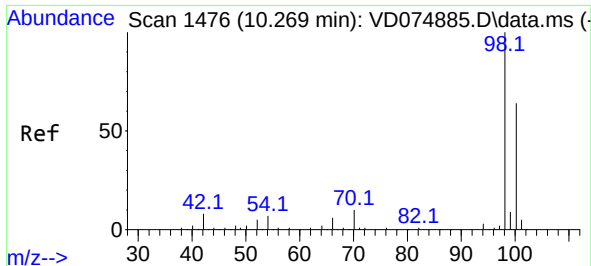
Delta R.T. -0.112 min

Lab File: VD074950.D

Acq: 16 Nov 2022 15:53

Tgt Ion:	117	Resp:	261
Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.1	109.7#
121	0.0	25.0	37.6#

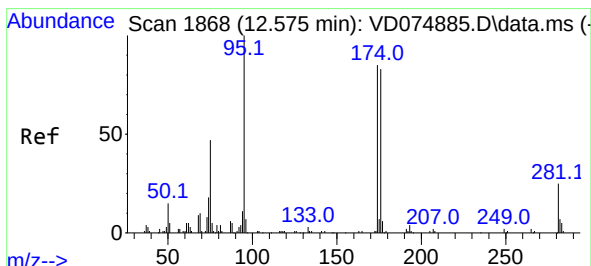
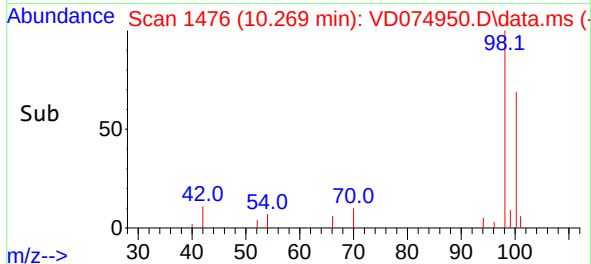
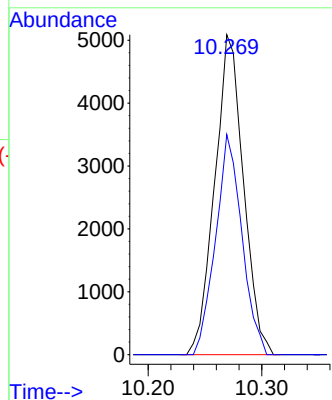
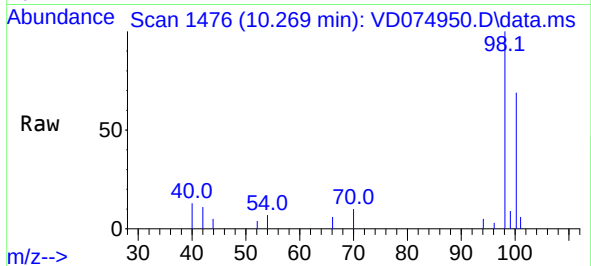




#50
Toluene-d8
Concen: 53.829 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074950.D
Acq: 16 Nov 2022 15:53

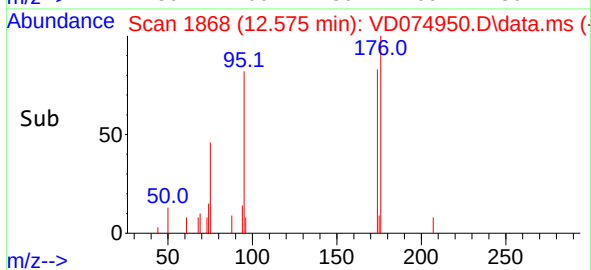
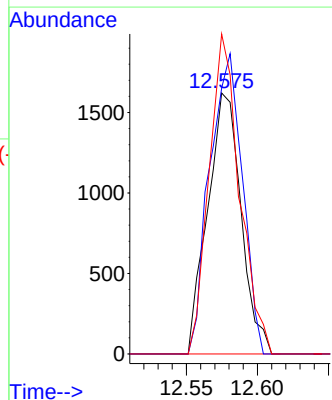
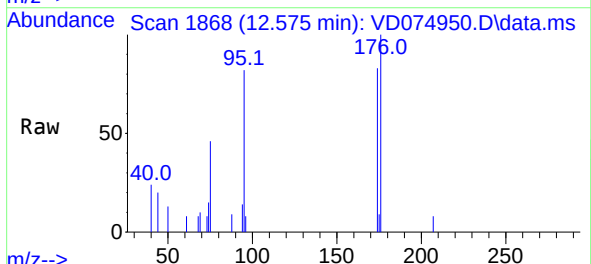
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-25

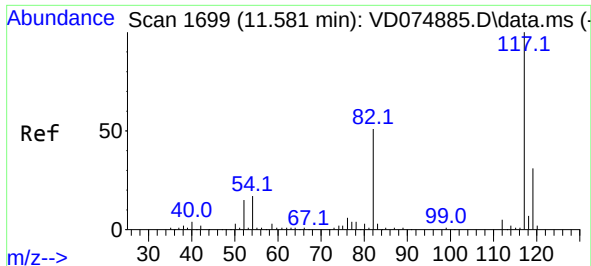
Tgt Ion: 98 Resp: 8929
Ion Ratio Lower Upper
98 100
100 63.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 52.106 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074950.D
Acq: 16 Nov 2022 15:53

Tgt Ion: 95 Resp: 2654
Ion Ratio Lower Upper
95 100
174 112.7 0.0 197.0
176 112.2 0.0 182.6

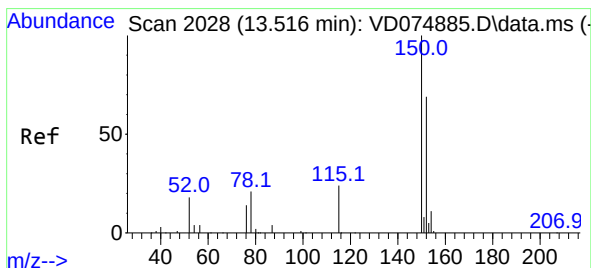
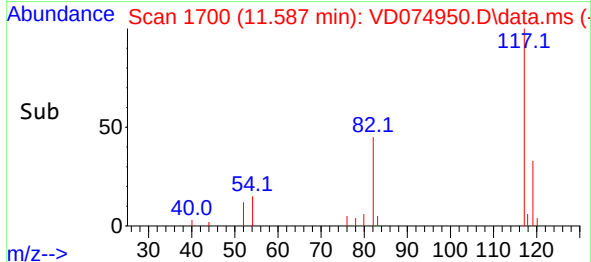
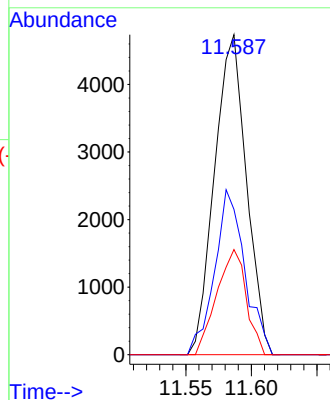
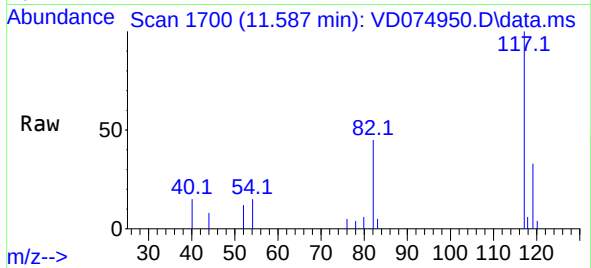




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074950.D
Acq: 16 Nov 2022 15:53

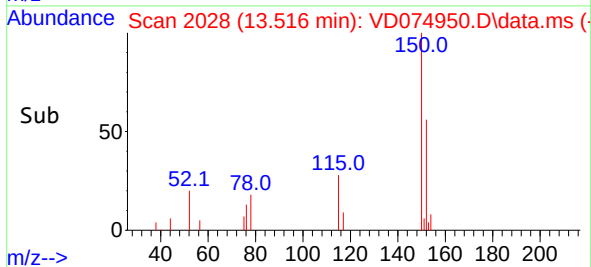
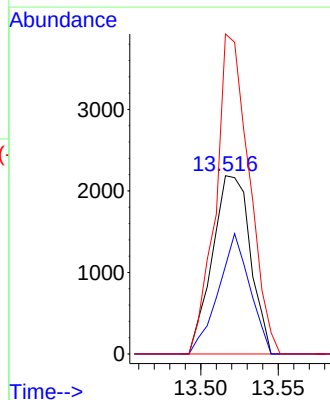
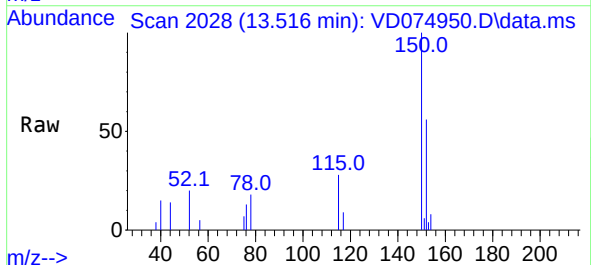
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-25

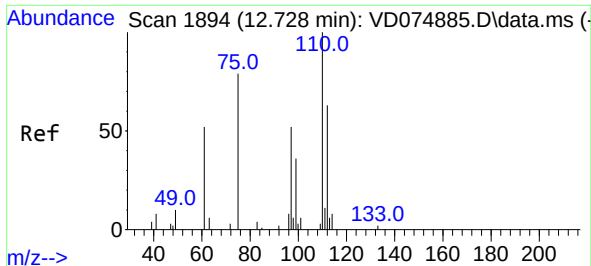
Tgt Ion:117	Resp:	8015
Ion	Ratio	Lower Upper
117	100	
82	45.4	41.6 62.4
119	32.9	25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074950.D
Acq: 16 Nov 2022 15:53

Tgt Ion:152	Resp:	3719
Ion	Ratio	Lower Upper
152	100	
115	56.1	26.8 80.4
150	158.4	0.0 348.2

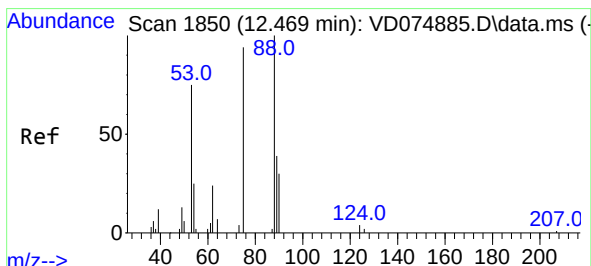
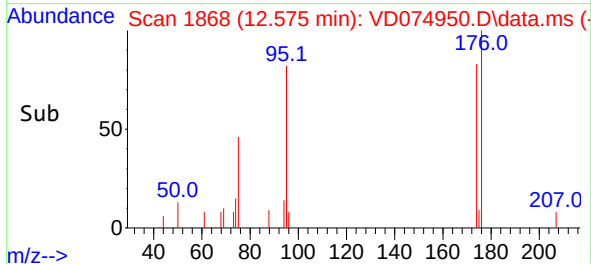
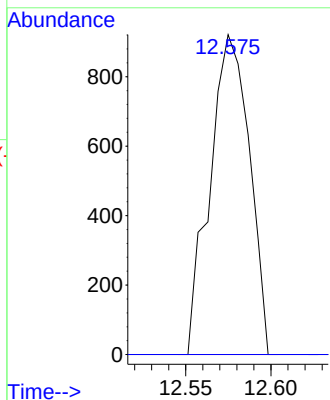
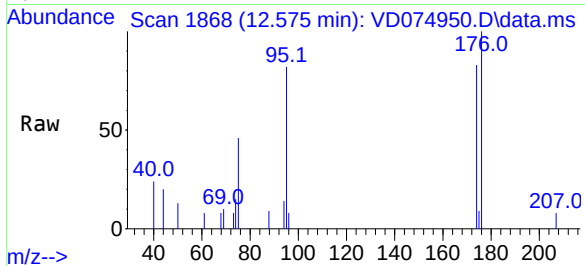




#76
1,2,3-Trichloropropane
Concen: 47.805 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074950.D
Acq: 16 Nov 2022 15:53

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

Tgt Ion: 75 Resp: 1487
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.601 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074950.D
Acq: 16 Nov 2022 15:53

Tgt Ion: 75 Resp: 1487
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

