

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD071987.D
 Acq On : 16 Feb 2022 12:48
 Operator : VA/SY
 Sample : N1552-01
 Misc : 4.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Feb 17 00:48:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

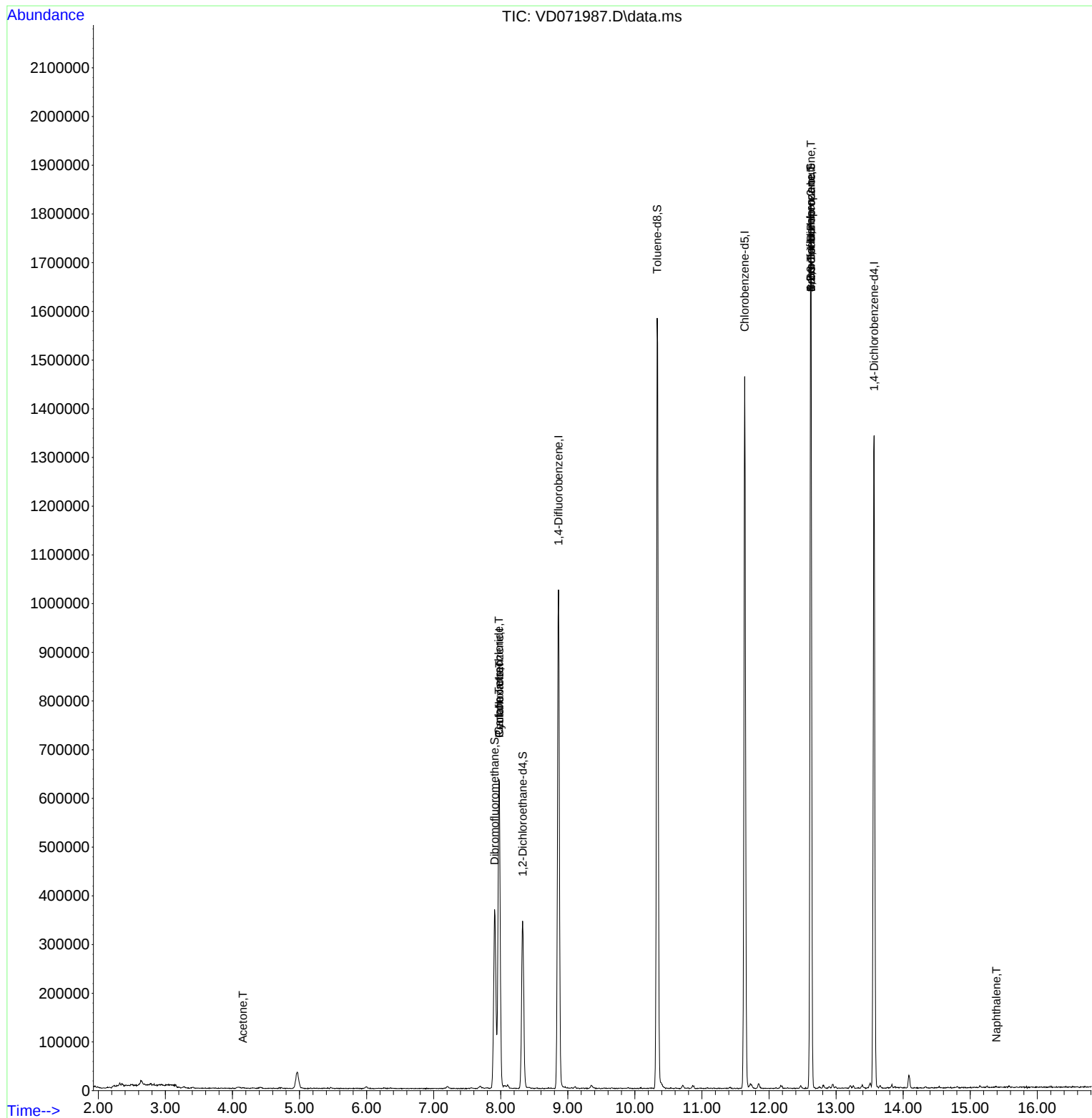
Internal Standards						
1) Pentafluorobenzene	7.979	168	433229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	800774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	756254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	322237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	278286	50.821	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.640%			
35) Dibromofluoromethane	7.909	113	256605	48.750	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.500%			
50) Toluene-d8	10.332	98	1009893	51.373	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.740%			
62) 4-Bromofluorobenzene	12.620	95	353109	51.437	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.880%			
Target Compounds						
11) Tert butyl alcohol	5.226	59	67	Below Cal	#	1
16) Acetone	4.156	43	3468	2.314	ug/l	92
31) Cyclohexane	7.979	56	14569	1.394	ug/l #	17
38) Carbon Tetrachloride	7.973	117	50056	5.603	ug/l #	17
71) Bromoform	12.626	173	3912	1.259	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	210224	61.904	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	210224	152.207	ug/l #	8
95) Naphthalene	15.390	128	2092	1.635	ug/l #	78

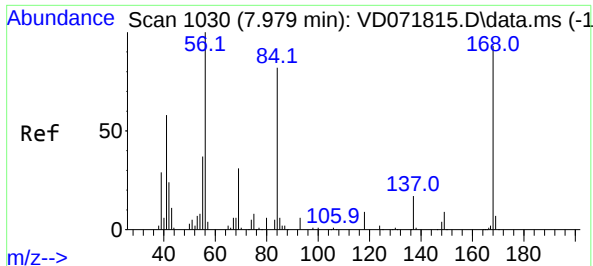
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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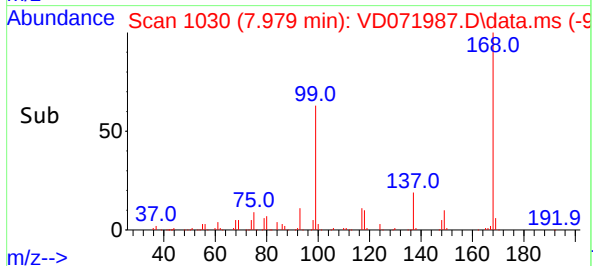
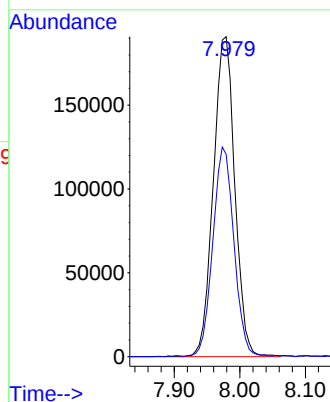
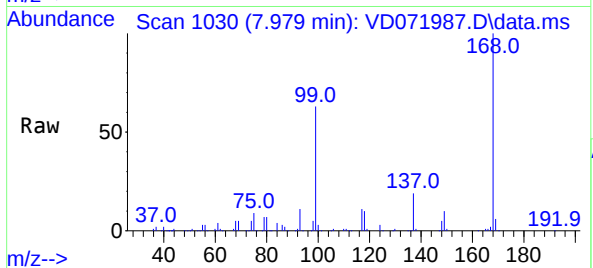




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071987.D
Acq: 16 Feb 2022 12:48

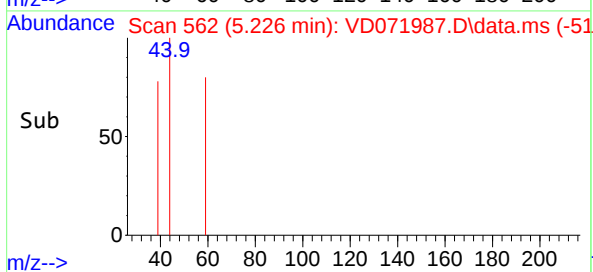
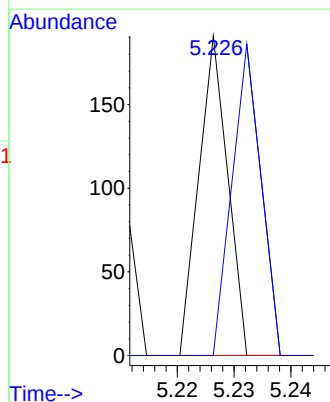
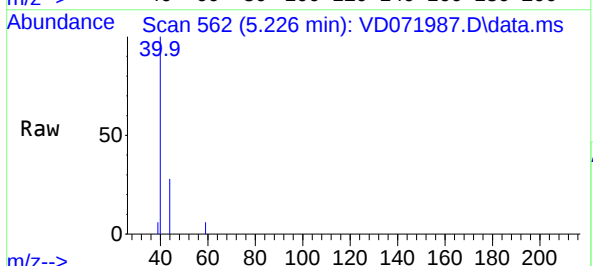
Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion:168 Resp: 433229
Ion Ratio Lower Upper
168 100
99 63.0 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD071987.D
Acq: 16 Feb 2022 12:48

Tgt Ion: 59 Resp: 67
Ion Ratio Lower Upper
59 100
57 98.5 7.8 11.6#

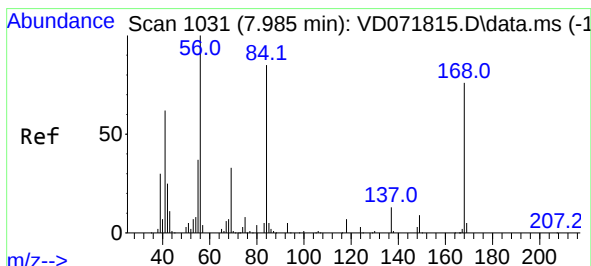
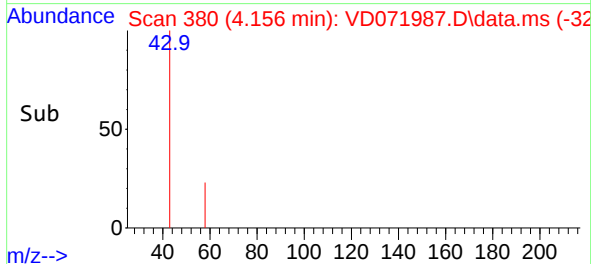
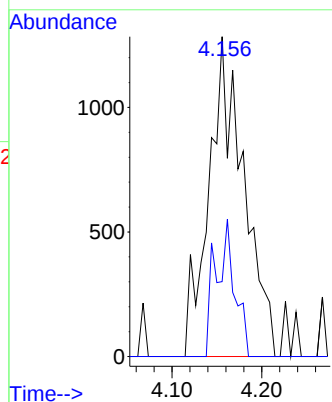
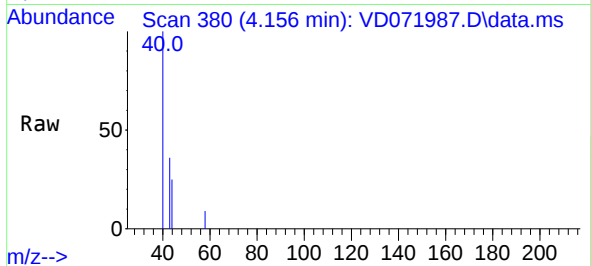




#16
Acetone
Concen: 2.314 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD071987.D
Acq: 16 Feb 2022 12:48

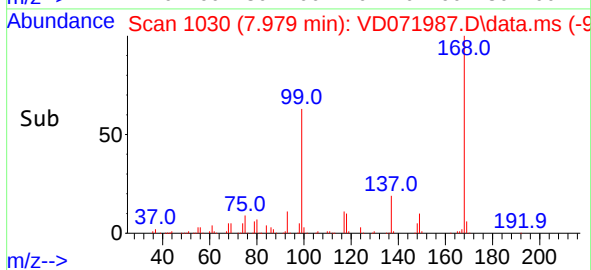
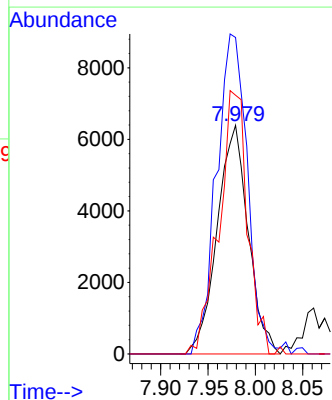
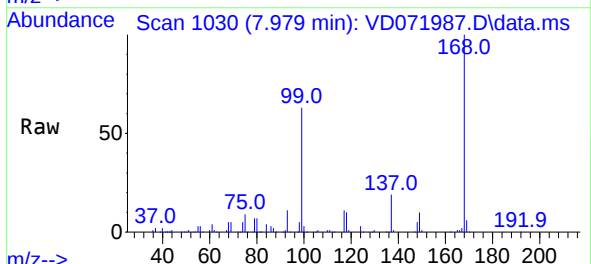
Instrument :
MSVOA_D
ClientSampleId :
TP-1

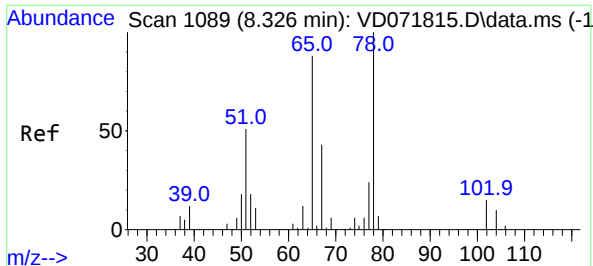
Tgt Ion: 43 Resp: 3468
Ion Ratio Lower Upper
43 100
58 23.4 22.1 33.1



#31
Cyclohexane
Concen: 1.394 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071987.D
Acq: 16 Feb 2022 12:48

Tgt Ion: 56 Resp: 14569
Ion Ratio Lower Upper
56 100
69 138.4 25.4 38.2#
84 113.2 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 50.821 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071987.D

Acq: 16 Feb 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

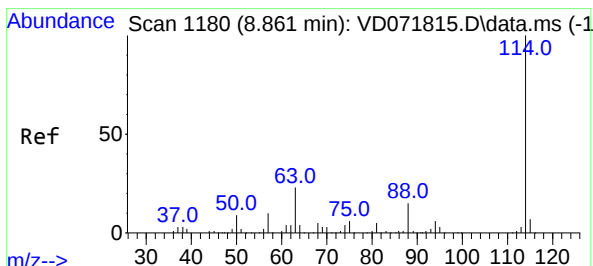
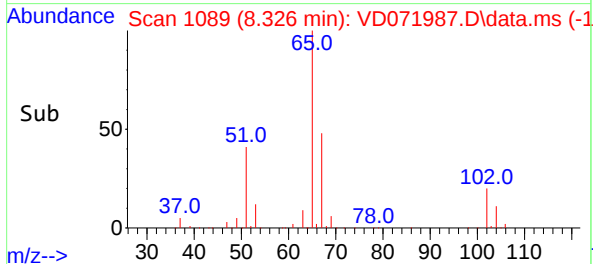
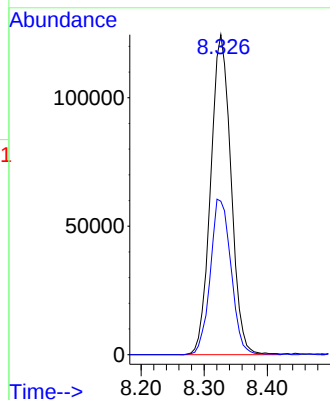
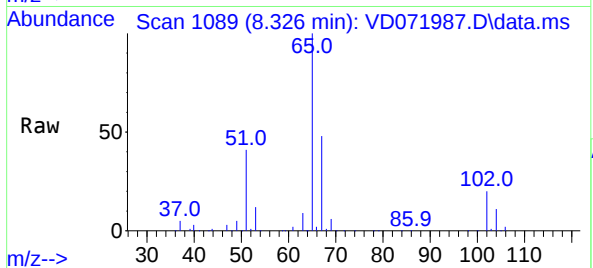
TP-1

Tgt Ion: 65 Resp: 278286

Ion Ratio Lower Upper

65 100

67 49.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071987.D

Acq: 16 Feb 2022 12:48

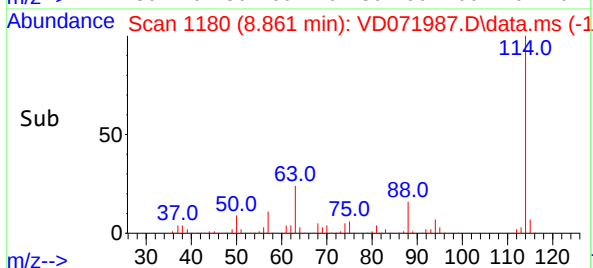
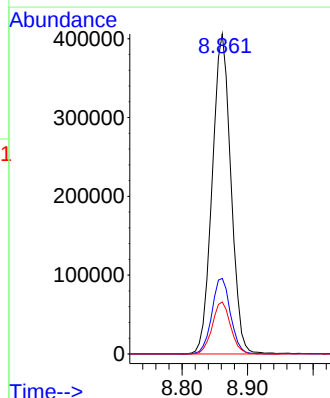
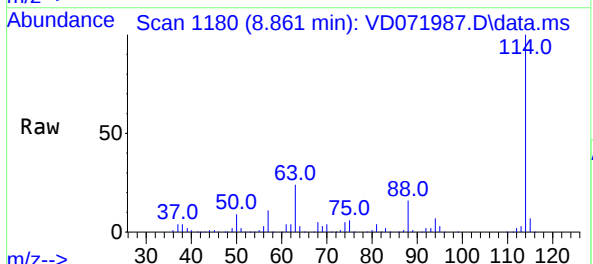
Tgt Ion: 114 Resp: 800774

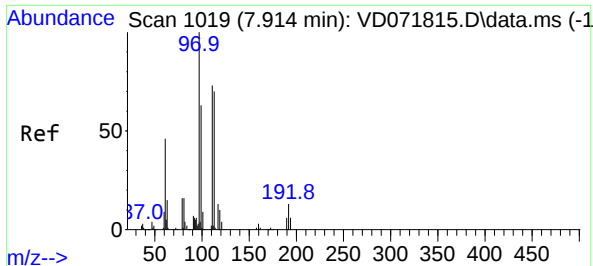
Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.6

88 16.2 0.0 33.2

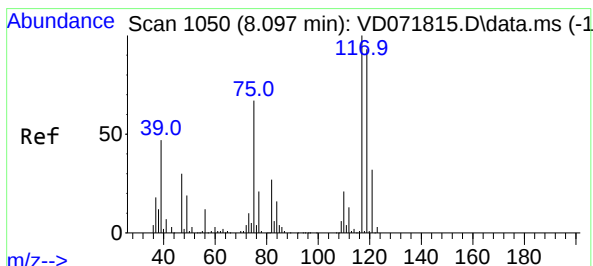
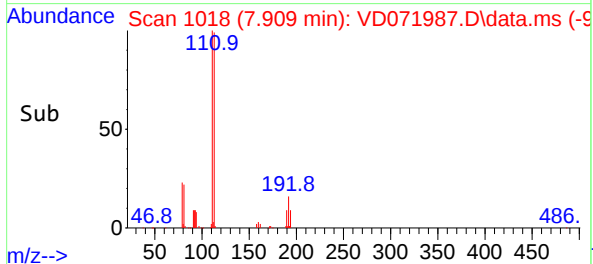
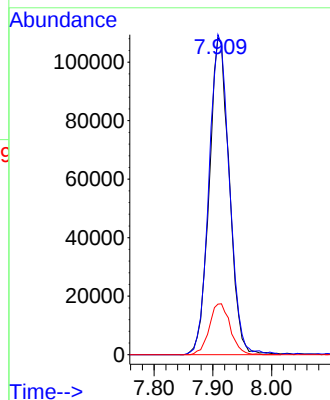
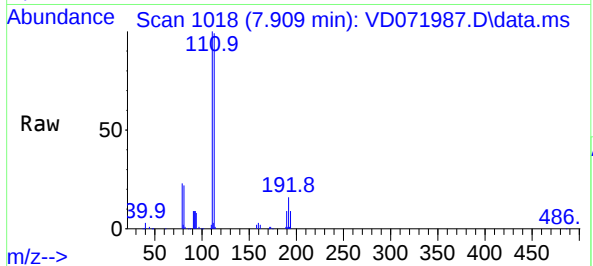




#35
Dibromofluoromethane
Concen: 48.750 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD071987.D
Acq: 16 Feb 2022 12:48

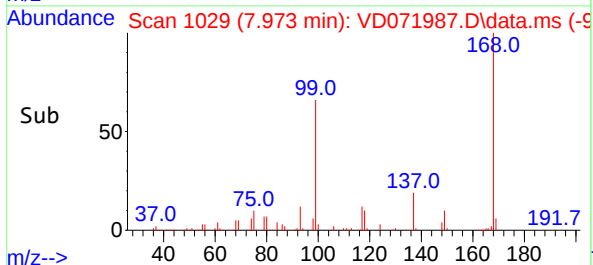
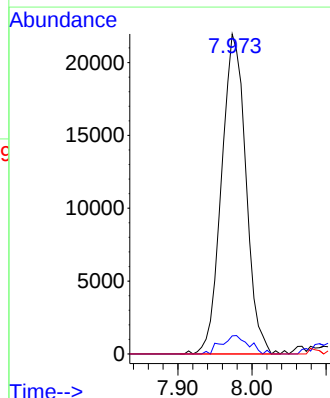
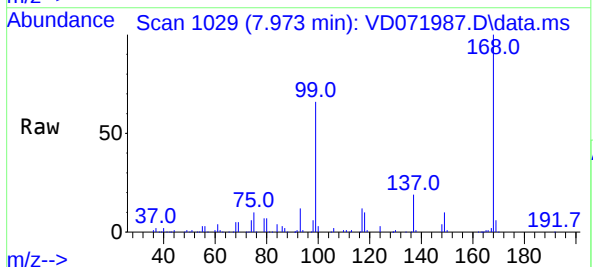
Instrument :
MSVOA_D
ClientSampleId :
TP-1

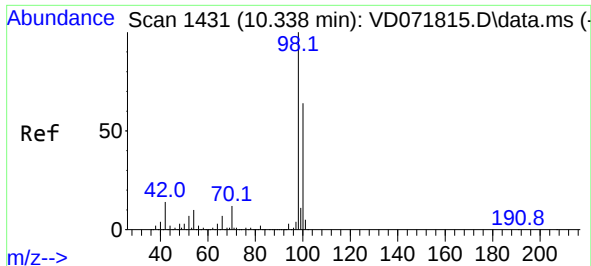
Tgt Ion:113 Resp: 256605
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 16.8 14.6 21.8



#38
Carbon Tetrachloride
Concen: 5.603 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD071987.D
Acq: 16 Feb 2022 12:48

Tgt Ion:117 Resp: 50056
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.5 36.7#

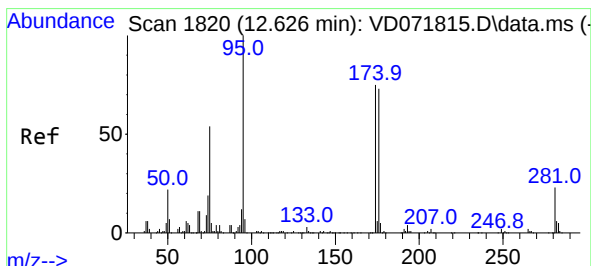
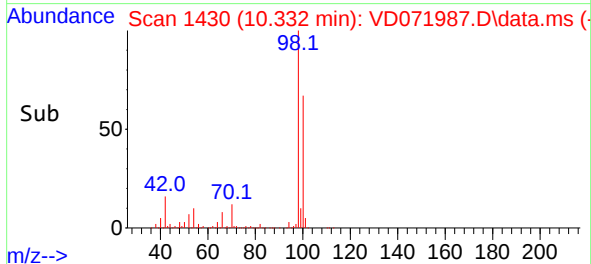
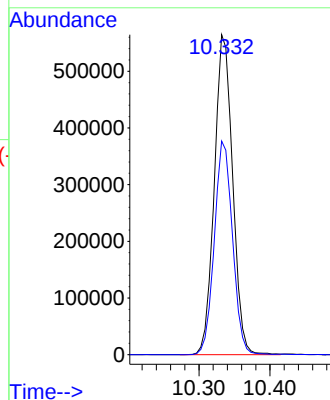
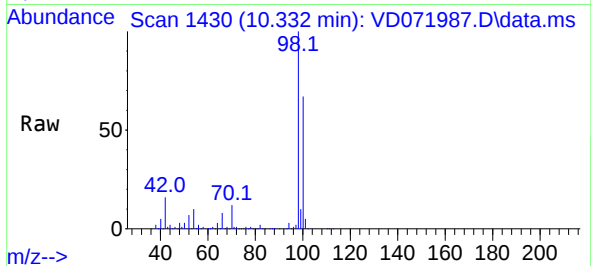




#50
Toluene-d8
Concen: 51.373 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071987.D
Acq: 16 Feb 2022 12:48

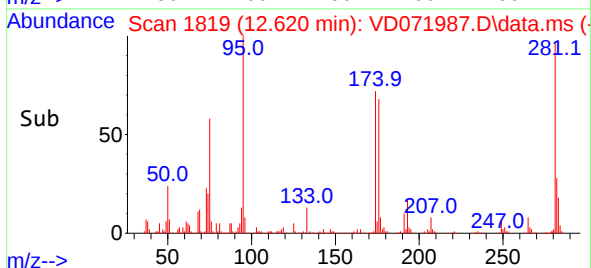
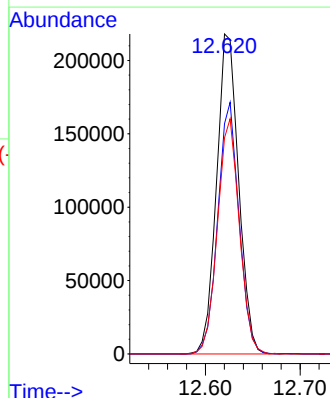
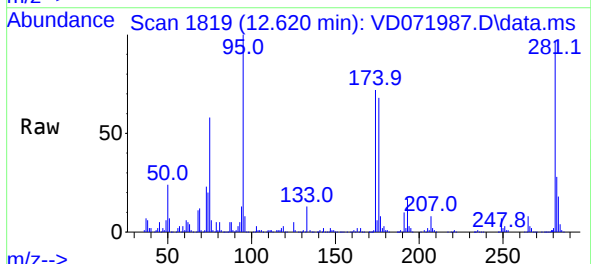
Instrument :
MSVOA_D
ClientSampleId :
TP-1

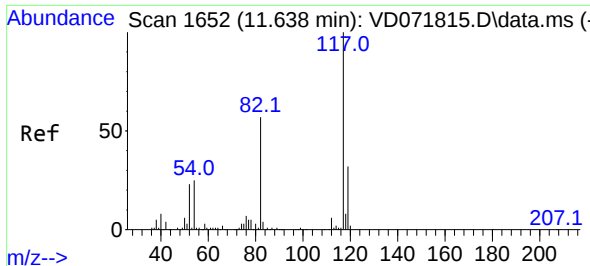
Tgt Ion: 98 Resp: 1009893
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.437 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071987.D
Acq: 16 Feb 2022 12:48

Tgt Ion: 95 Resp: 353109
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 72.7 0.0 145.4

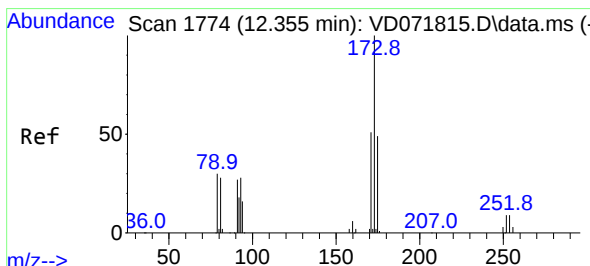
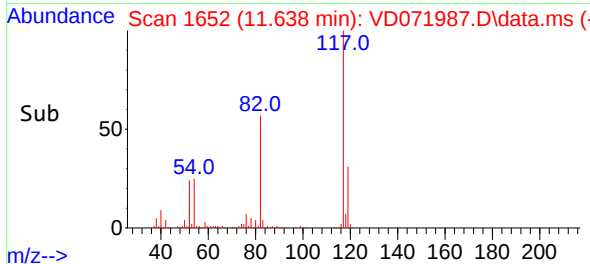
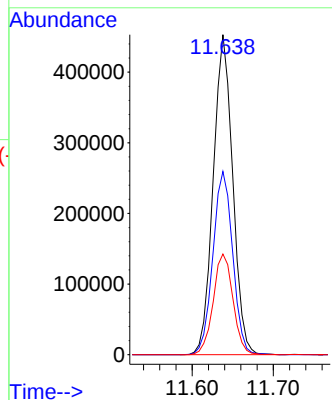
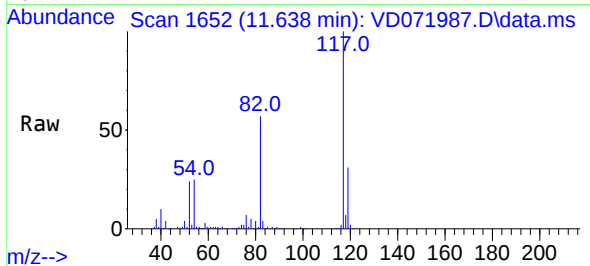




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD071987.D
Acq: 16 Feb 2022 12:48

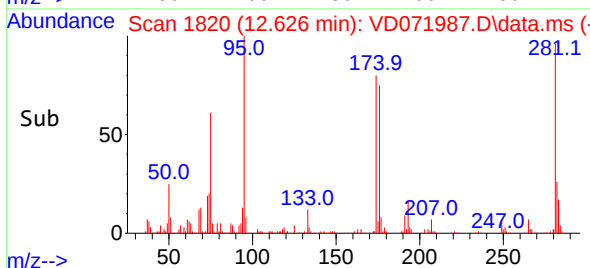
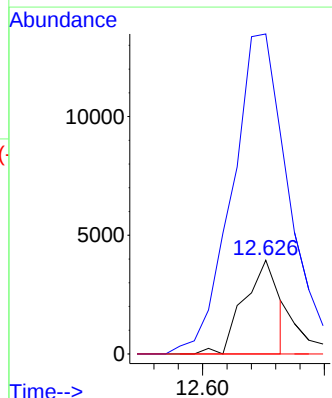
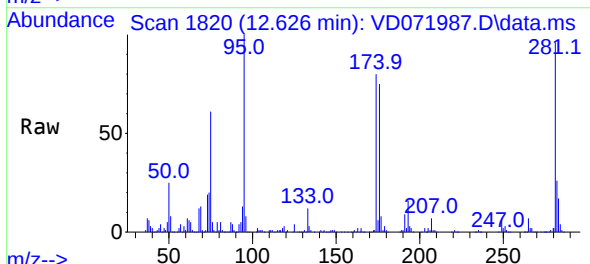
Instrument :
MSVOA_D
ClientSampleId :
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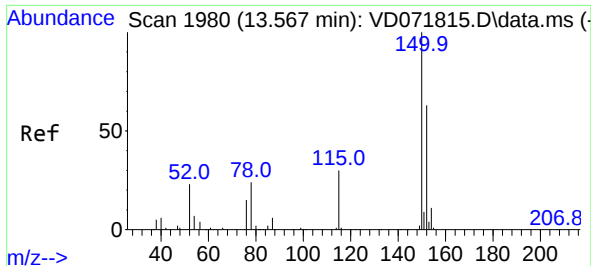
Tgt Ion:117 Resp: 756254
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 31.5 26.6 40.0



#71
Bromoform
Concen: 1.259 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD071987.D
Acq: 16 Feb 2022 12:48

Tgt Ion:173 Resp: 3912
Ion Ratio Lower Upper
173 100
175 468.1 23.9 71.8#
254 0.0 0.0 0.0

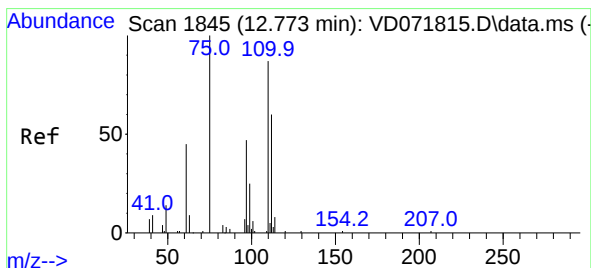
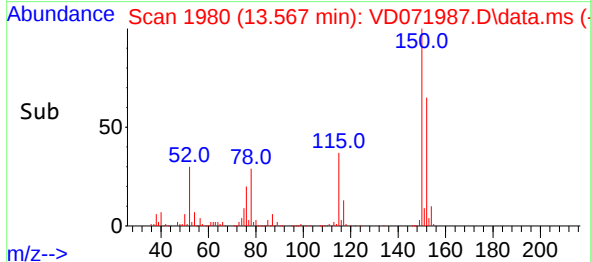
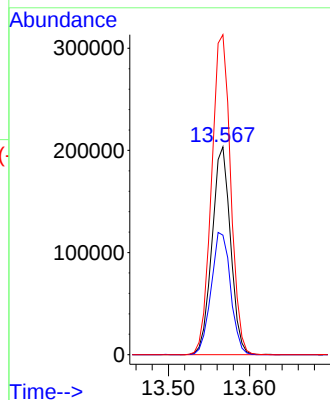
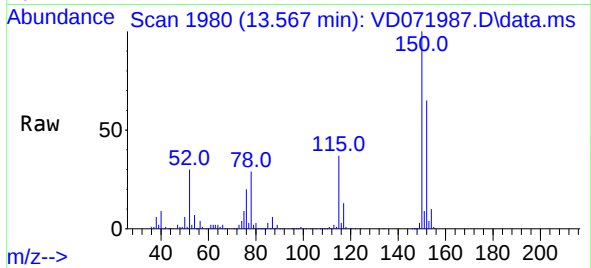




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071987.D
Acq: 16 Feb 2022 12:48

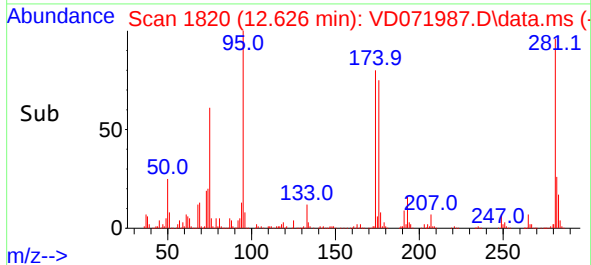
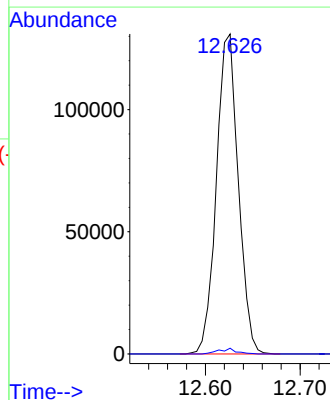
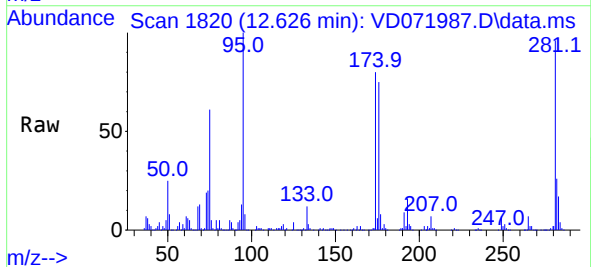
Instrument :
MSVOA_D
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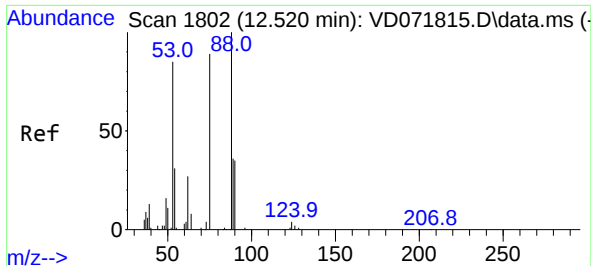
Tgt Ion:152 Resp: 322237
Ion Ratio Lower Upper
152 100
115 61.7 31.3 93.8
150 158.6 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 61.904 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071987.D
Acq: 16 Feb 2022 12:48

Tgt Ion: 75 Resp: 210224
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

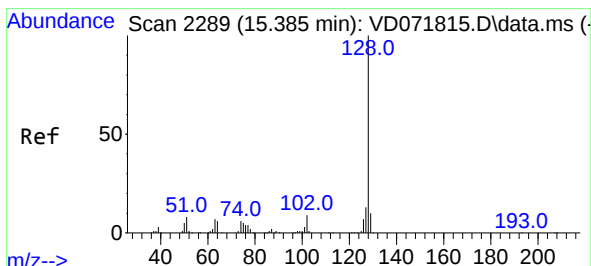
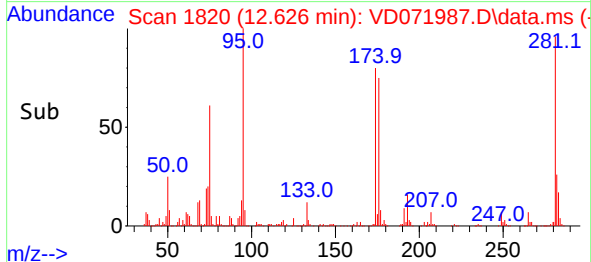
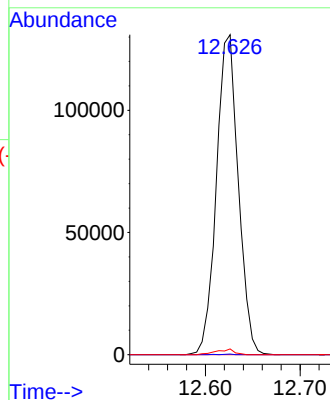
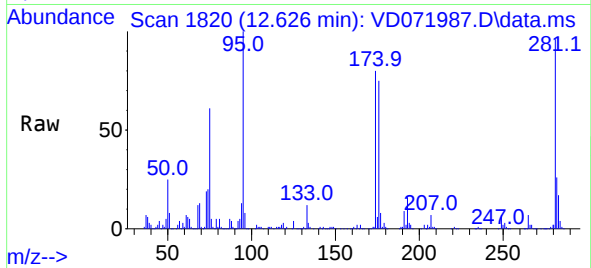




#81
trans-1,4-Dichloro-2-butene
Concen: 152.207 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071987.D
Acq: 16 Feb 2022 12:48

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion: 75 Resp: 210224
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 1.5 33.9 50.9#



#95
Naphthalene
Concen: 1.635 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD071987.D
Acq: 16 Feb 2022 12:48

Tgt Ion:128 Resp: 2092
Ion Ratio Lower Upper
128 100
127 2.7 10.3 15.5#
129 3.8 8.4 12.6#

