

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071685.D
 Acq On : 12 Jan 2022 14:41
 Operator : VA/SY
 Sample : N1097-07
 Misc : 6.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2S

Quant Time: Jan 13 05:28:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

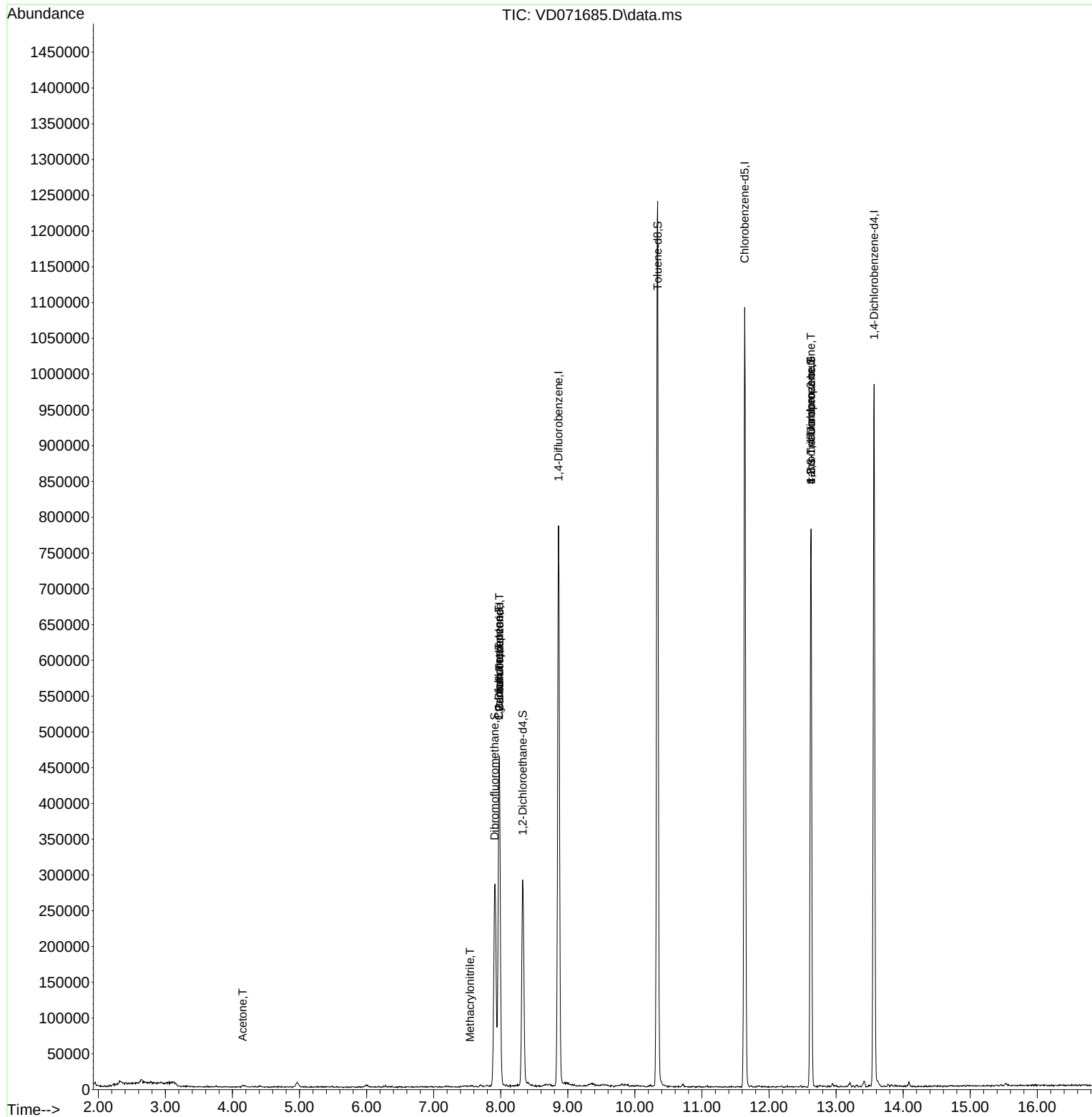
Internal Standards						
1) Pentafluorobenzene	7.979	168	311754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	612705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	558829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	235033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	230782	57.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.060%	
35) Dibromofluoromethane	7.909	113	202714	50.063	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.120%	
50) Toluene-d8	10.338	98	793403	52.344	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.680%	
62) 4-Bromofluorobenzene	12.626	95	240722	45.070	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	479	Below Cal	#	64
3) Chloromethane	2.221	50	704	Below Cal	#	43
5) Bromomethane	2.779	94	803	Below Cal	#	75
11) Tert butyl alcohol	5.320	59	58	Below Cal	#	75
16) Acetone	4.150	43	3465	3.741	ug/l #	90
18) Methyl Acetate	4.715	43	56	Below Cal	#	56
20) Methylene Chloride	4.962	84	3889	Below Cal	#	77
31) Cyclohexane	7.973	56	9409	2.005	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	31009	5.369	ug/l #	51
38) Carbon Tetrachloride	7.979	117	34128	5.834	ug/l #	20
41) Methacrylonitrile	7.544	41	60	1.166	ug/l #	25
76) 1,2,3-Trichloropropane	12.626	75	140129	61.702	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	140129	172.017	ug/l #	3

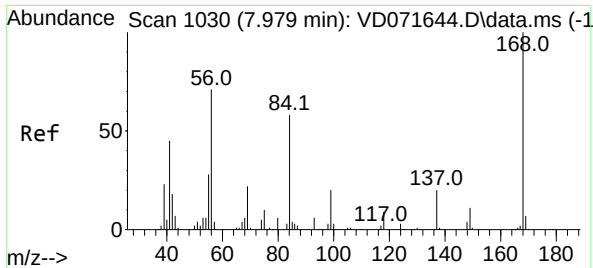
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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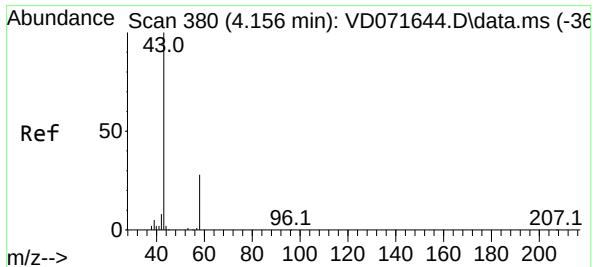
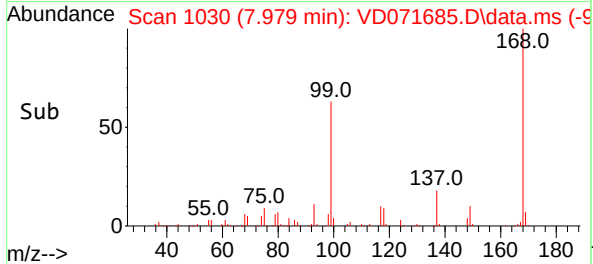
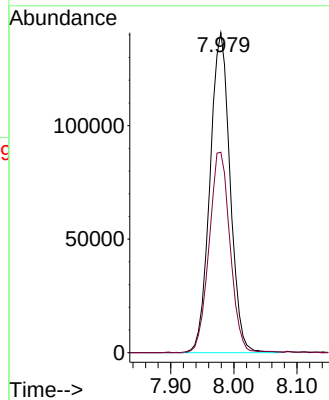
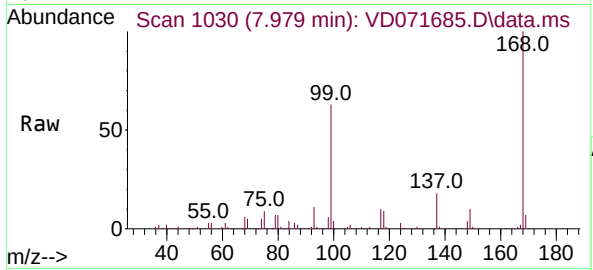




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071685.D
Acq: 12 Jan 2022 14:41

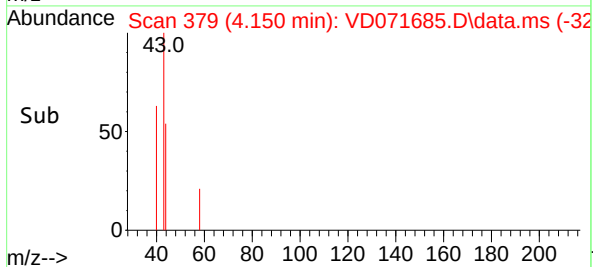
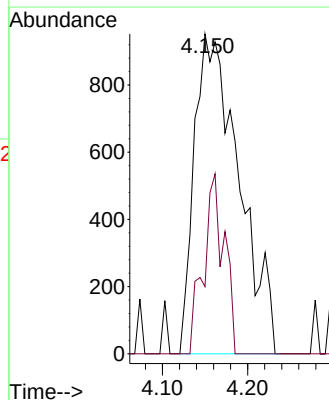
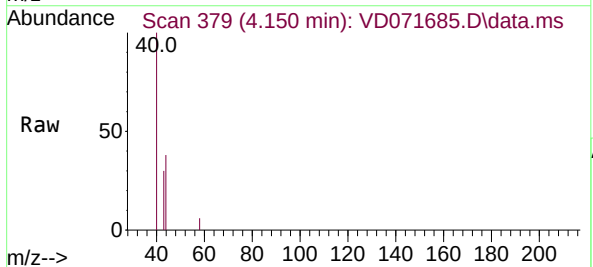
Instrument :
MSVOA_D
ClientSampleId :
TP-2S

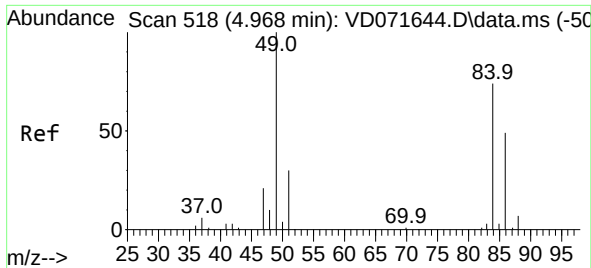
Tgt Ion:168 Resp: 311754
Ion Ratio Lower Upper
168 100
99 62.7 51.8 77.6



#16
Acetone
Concen: 3.741 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.005 min
Lab File: VD071685.D
Acq: 12 Jan 2022 14:41

Tgt Ion: 43 Resp: 3465
Ion Ratio Lower Upper
43 100
58 21.0 21.0 31.6#

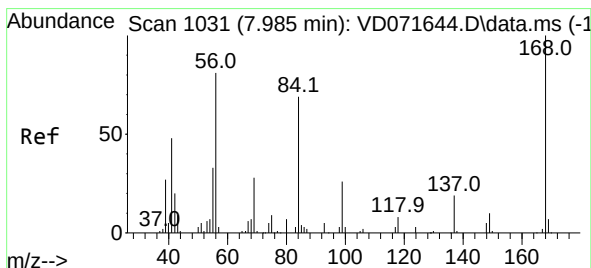
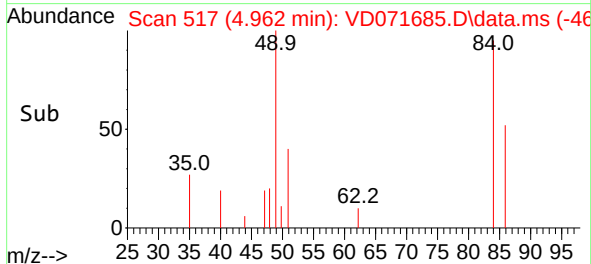
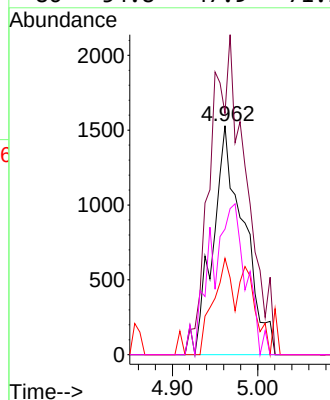
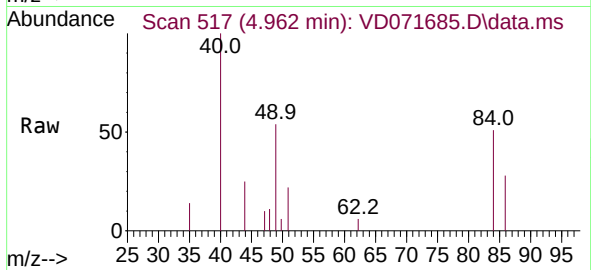




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD071685.D
Acq: 12 Jan 2022 14:41

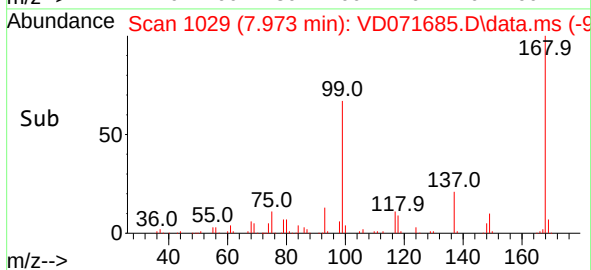
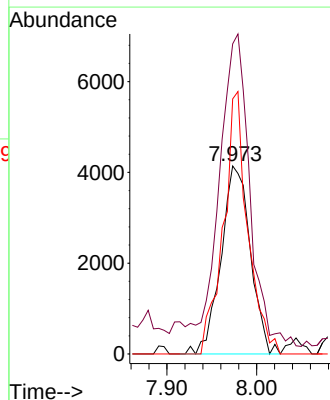
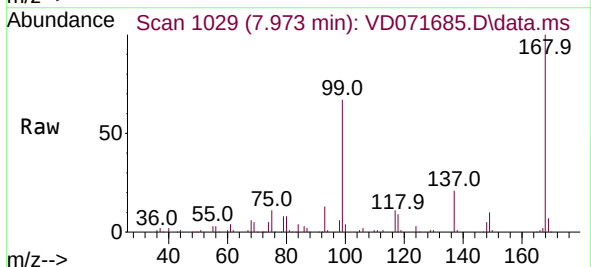
Instrument :
MSVOA_D
ClientSampleId :
TP-2S

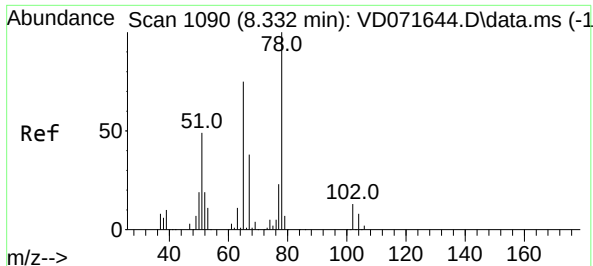
Tgt Ion:	84	Resp:	3889
Ion	Ratio	Lower	Upper
84	100		
49	105.4	118.6	178.0#
51	42.1	37.8	56.6
86	54.8	47.9	71.9



#31
Cyclohexane
Concen: 2.005 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD071685.D
Acq: 12 Jan 2022 14:41

Tgt Ion:	56	Resp:	9409
Ion	Ratio	Lower	Upper
56	100		
69	153.8	21.7	32.5#
84	135.7	65.7	98.5#





#33

1,2-Dichloroethane-d4

Concen: 57.532 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071685.D

Acq: 12 Jan 2022 14:41

Instrument :

MSVOA_D

ClientSampleId :

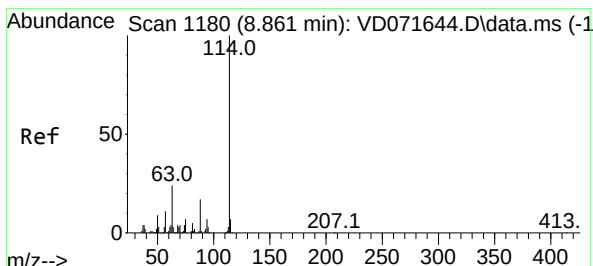
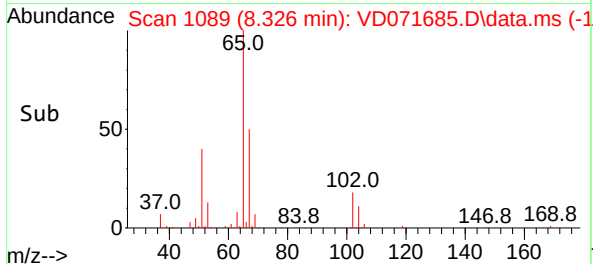
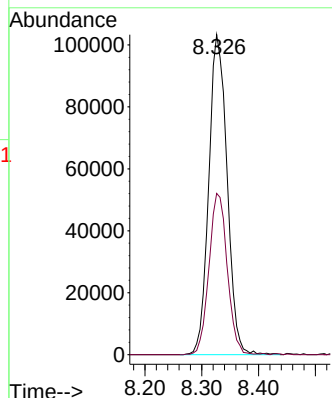
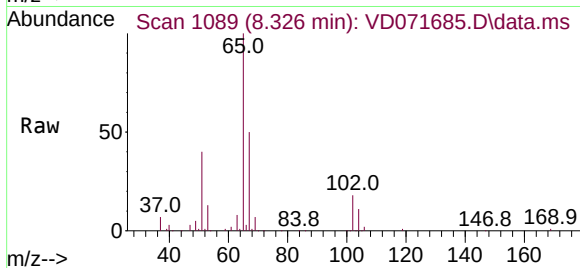
TP-2S

Tgt Ion: 65 Resp: 230782

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071685.D

Acq: 12 Jan 2022 14:41

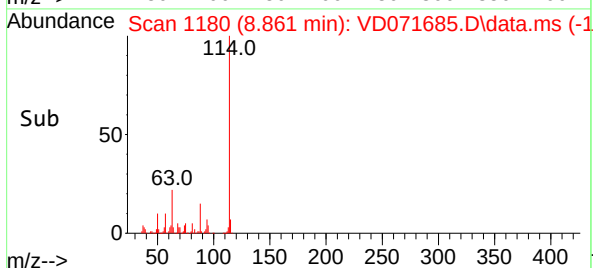
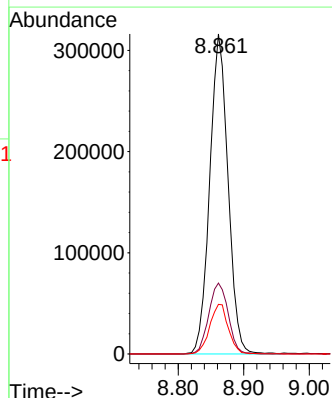
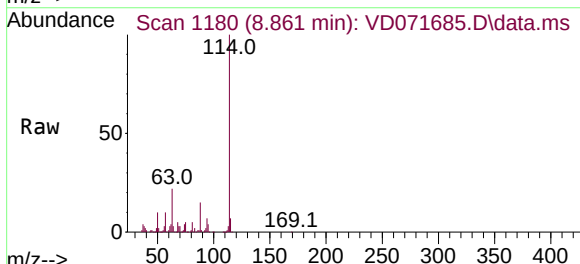
Tgt Ion: 114 Resp: 612705

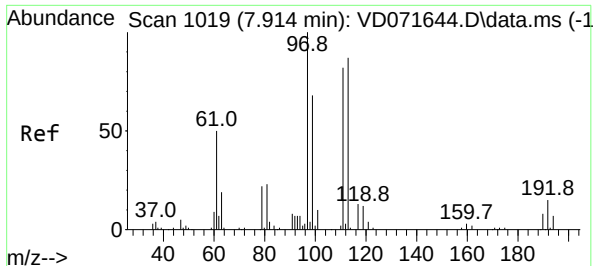
Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.2

88 15.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.063 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD071685.D

Acq: 12 Jan 2022 14:41

Instrument :

MSVOA_D

ClientSampleId :

TP-2S

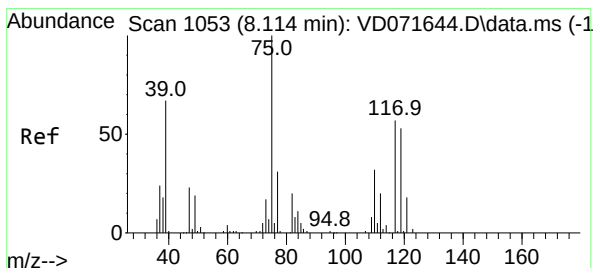
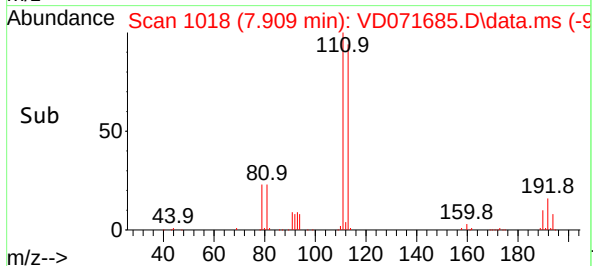
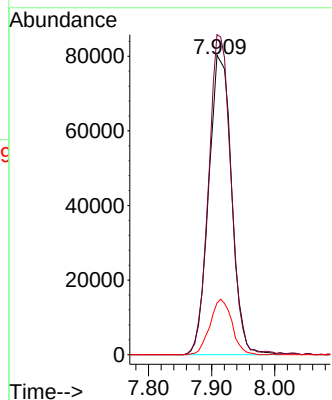
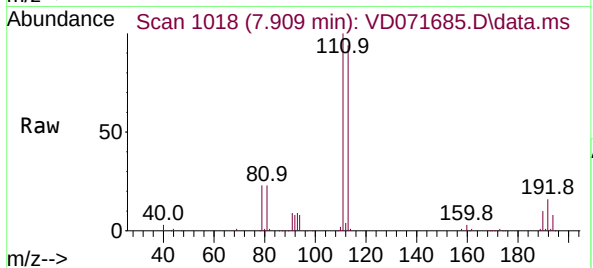
Tgt Ion:113 Resp: 202714

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 17.7 14.2 21.2



#36

1,1-Dichloropropene

Concen: 5.369 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071685.D

Acq: 12 Jan 2022 14:41

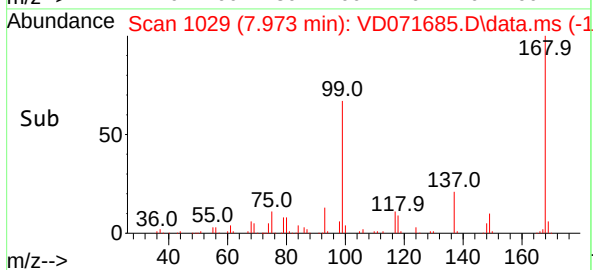
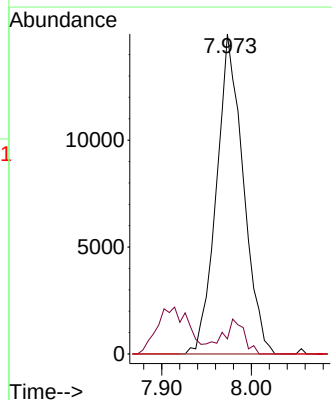
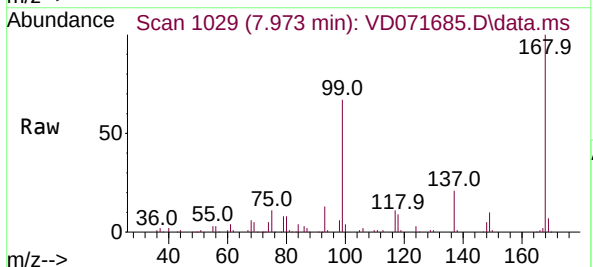
Tgt Ion: 75 Resp: 31009

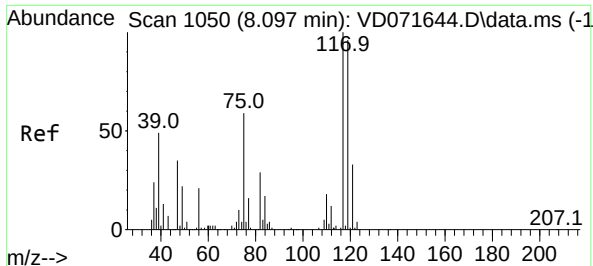
Ion Ratio Lower Upper

75 100

110 8.7 16.0 48.0#

77 0.0 24.5 36.7#

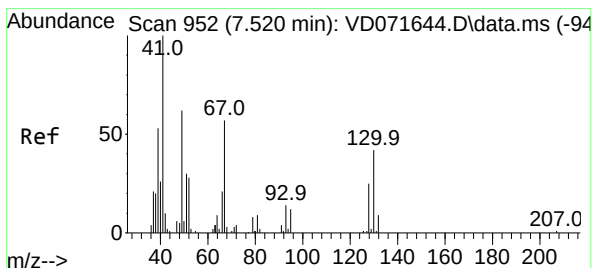
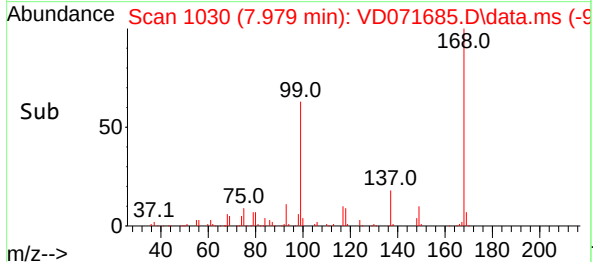
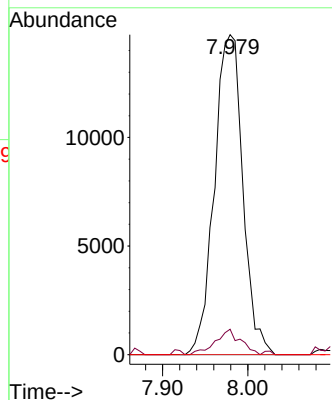
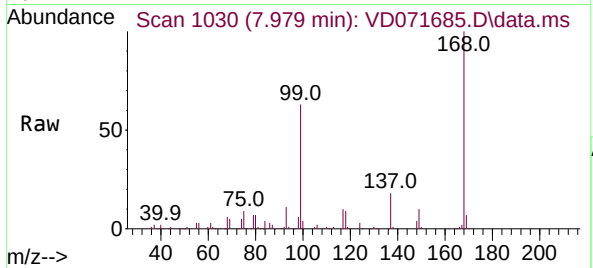




#38
Carbon Tetrachloride
Concen: 5.834 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.117 min
Lab File: VD071685.D
Acq: 12 Jan 2022 14:41

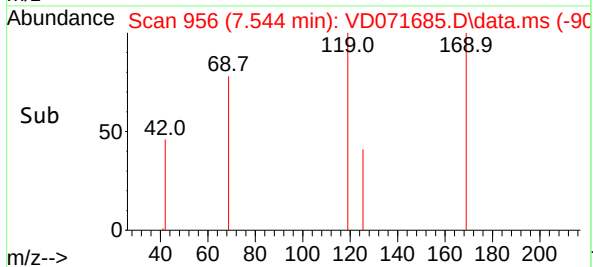
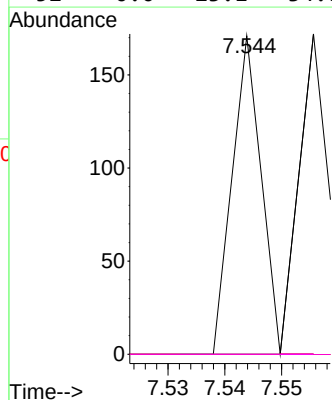
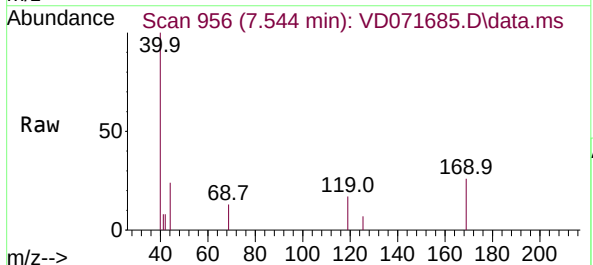
Instrument :
MSVOA_D
ClientSampleId :
TP-2S

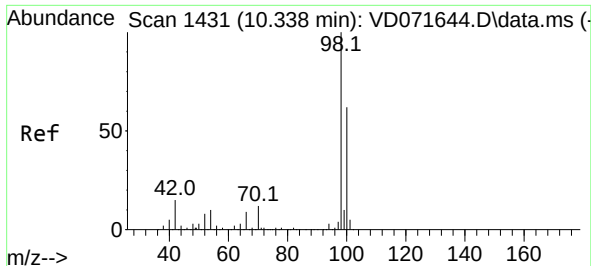
Tgt Ion:117 Resp: 34128
Ion Ratio Lower Upper
117 100
119 7.9 73.4 110.2#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 1.166 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.024 min
Lab File: VD071685.D
Acq: 12 Jan 2022 14:41

Tgt Ion: 41 Resp: 60
Ion Ratio Lower Upper
41 100
39 0.0 46.9 70.3#
67 0.0 49.3 73.9#
52 0.0 23.1 34.7#

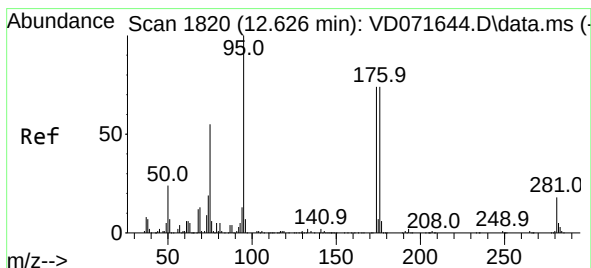
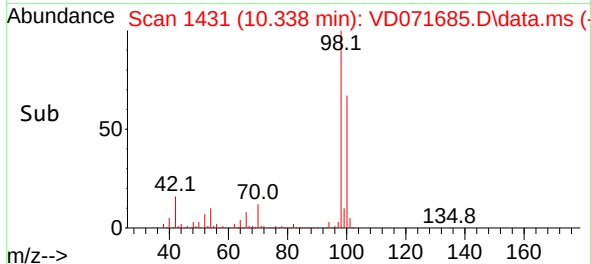
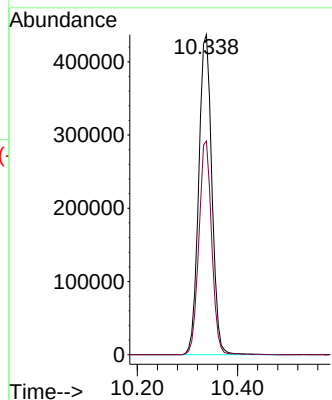
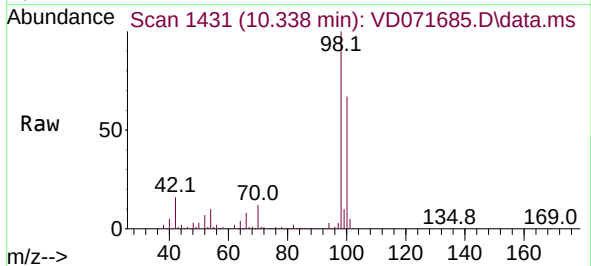




#50
Toluene-d8
Concen: 52.344 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071685.D
Acq: 12 Jan 2022 14:41

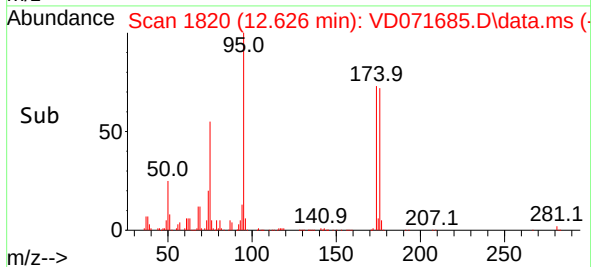
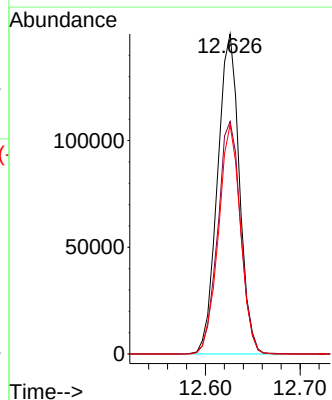
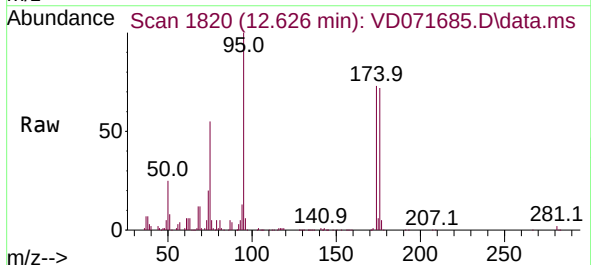
Instrument :
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ClientSampleId :
TP-2S

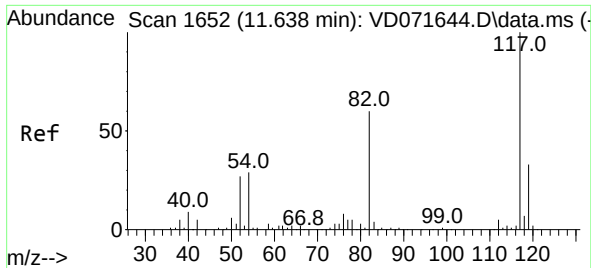
Tgt Ion: 98 Resp: 793403
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.070 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071685.D
Acq: 12 Jan 2022 14:41

Tgt Ion: 95 Resp: 240722
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.0
176 72.2 0.0 146.4

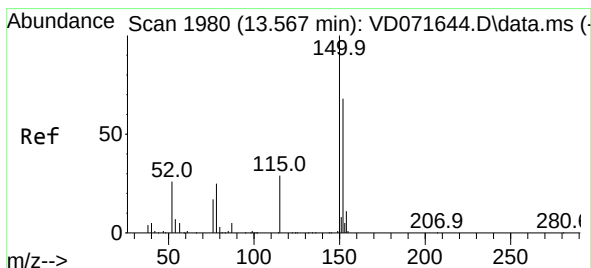
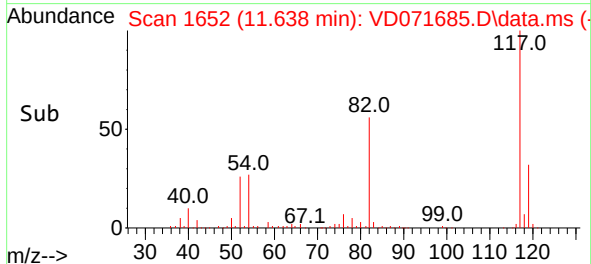
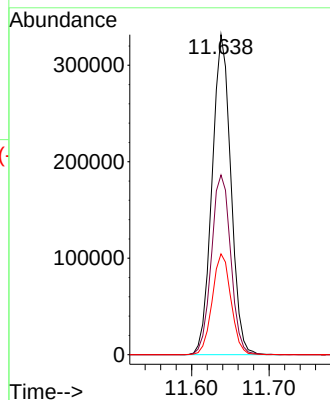
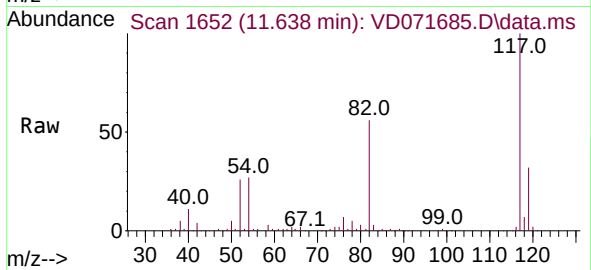




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071685.D
Acq: 12 Jan 2022 14:41

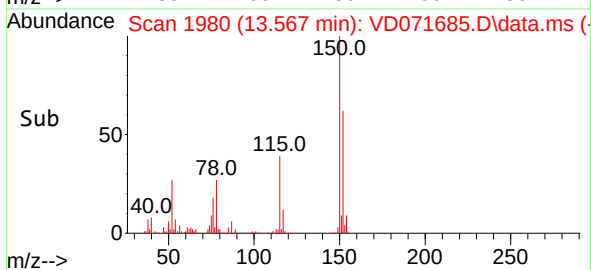
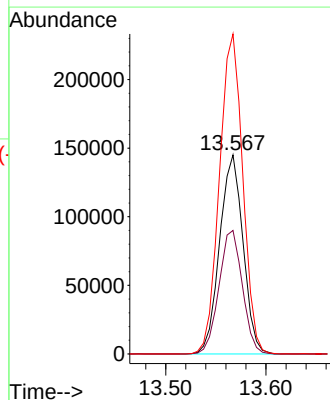
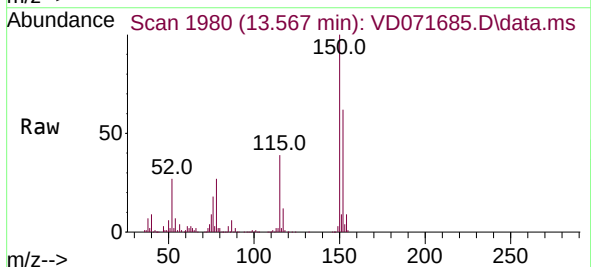
Instrument :
MSVOA_D
ClientSampleId :
TP-2S

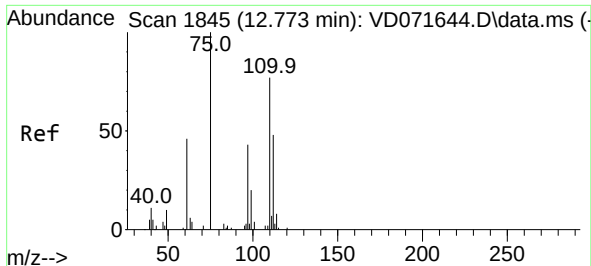
Tgt Ion:117 Resp: 558829
Ion Ratio Lower Upper
117 100
82 56.2 46.9 70.3
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071685.D
Acq: 12 Jan 2022 14:41

Tgt Ion:152 Resp: 235033
Ion Ratio Lower Upper
152 100
115 61.9 31.5 94.5
150 160.1 0.0 348.0

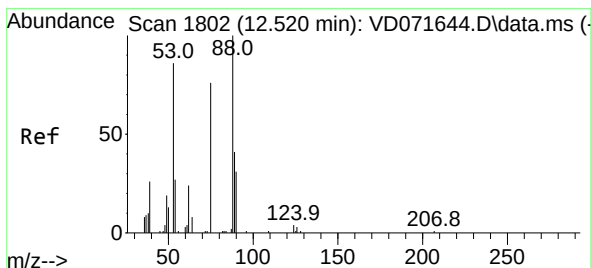
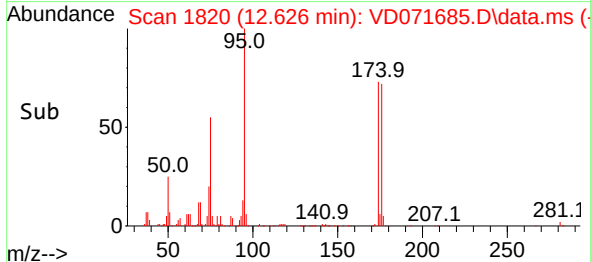
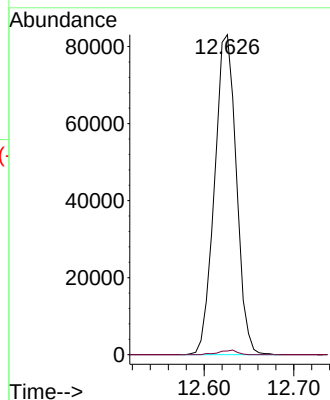
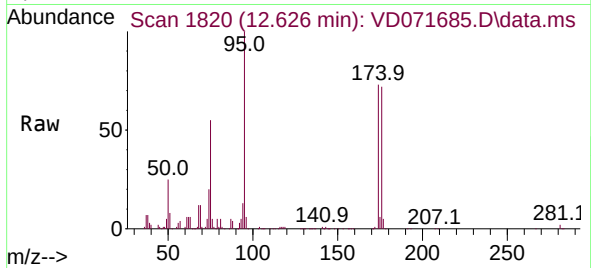




#76
1,2,3-Trichloropropane
Concen: 61.702 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071685.D
Acq: 12 Jan 2022 14:41

Instrument :
MSVOA_D
ClientSampleId :
TP-2S

Tgt Ion: 75 Resp: 140129
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 172.017 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071685.D
Acq: 12 Jan 2022 14:41

Tgt Ion: 75 Resp: 140129
Ion Ratio Lower Upper
75 100
53 0.0 95.4 143.0#
89 0.1 37.2 55.8#

