

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD071988.D
 Acq On : 16 Feb 2022 13:16
 Operator : VA/SY
 Sample : N1552-04
 Misc : 4.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Feb 17 00:48:29 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)

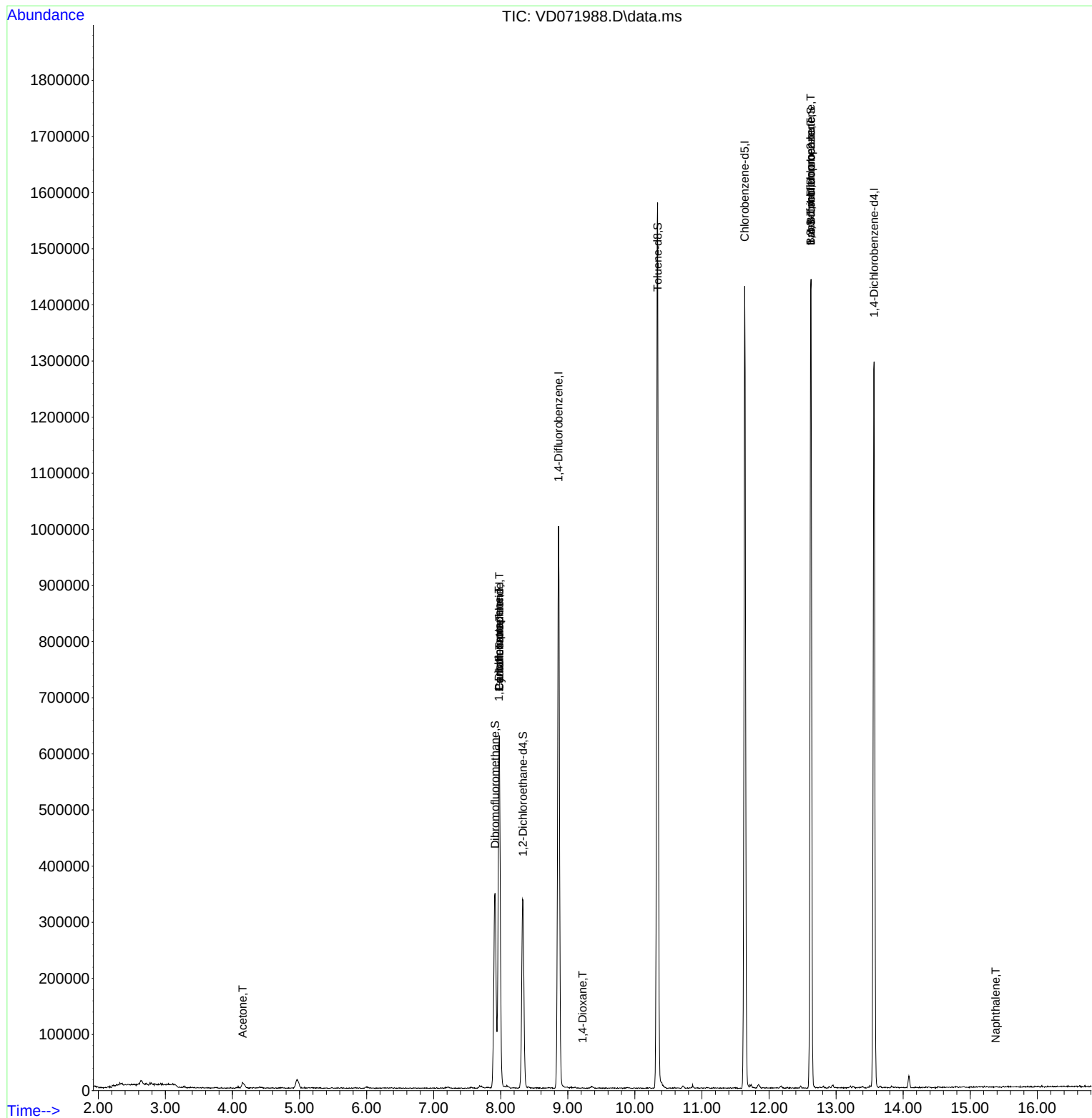
Internal Standards						
1) Pentafluorobenzene	7.979	168	421551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	768081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	737079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	320112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	275000	51.612	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.220%			
35) Dibromofluoromethane	7.914	113	249613	49.440	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.880%			
50) Toluene-d8	10.338	98	1000829	53.078	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.160%			
62) 4-Bromofluorobenzene	12.626	95	343788	52.211	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.420%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.209	59	678	Below Cal	#	74
16) Acetone	4.150	43	18593	12.748	ug/l	93
20) Methylene Chloride	4.962	84	10711	Below Cal	#	76
31) Cyclohexane	7.979	56	12290	1.208	ug/l	# 17
36) 1,1-Dichloropropene	7.973	75	40254	4.645	ug/l	# 51
38) Carbon Tetrachloride	7.979	117	46088	5.378	ug/l	# 16
49) 1,4-Dioxane	9.220	88	61	1.692	ug/l	# 21
71) Bromoform	12.620	173	3104	1.025	ug/l	# 1
76) 1,2,3-Trichloropropane	12.620	75	196600	58.276	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	196600	143.288	ug/l	# 7
95) Naphthalene	15.379	128	999	1.541	ug/l	# 80

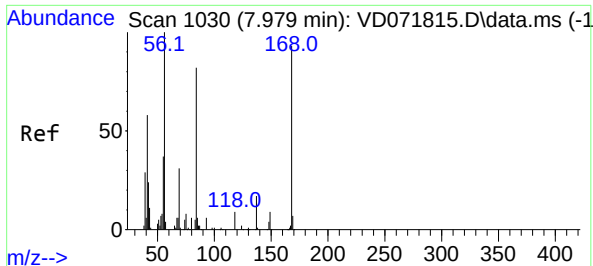
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 17 00:48:29 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

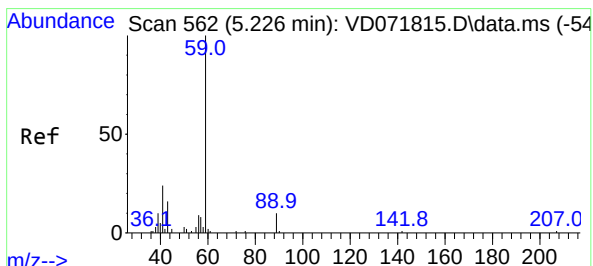
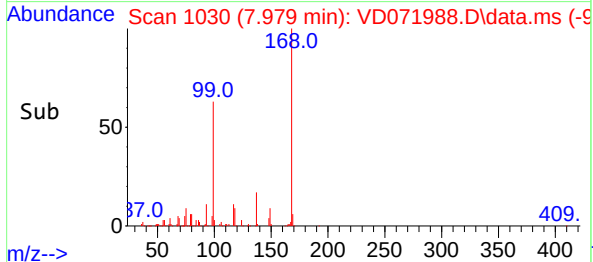
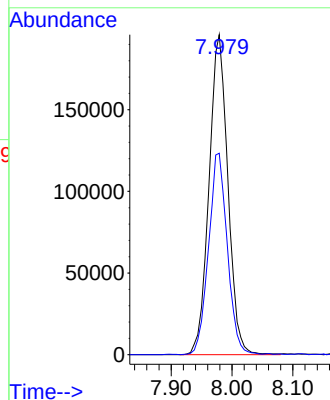
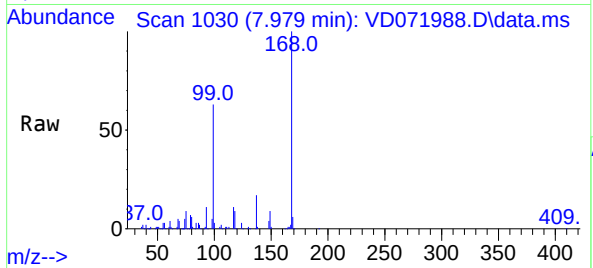




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

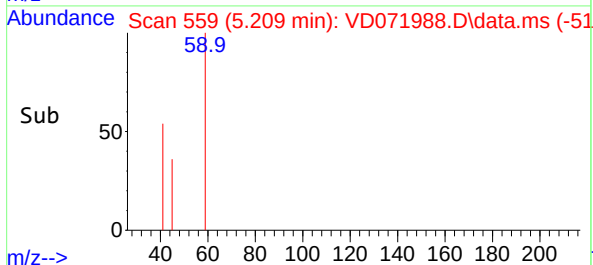
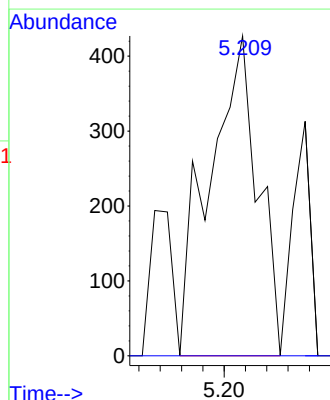
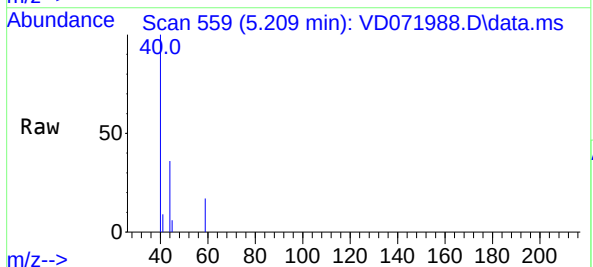
Instrument :
MSVOA_D
ClientSampleId :
TP-2

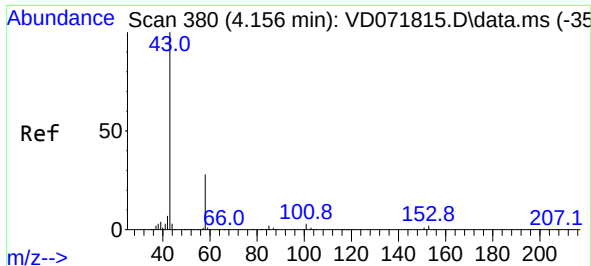
Tgt Ion:168 Resp: 421551
Ion Ratio Lower Upper
168 100
99 63.0 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

Tgt Ion: 59 Resp: 678
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

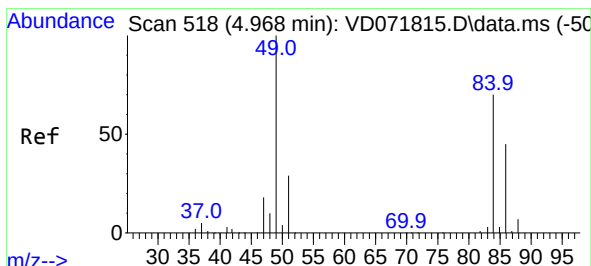
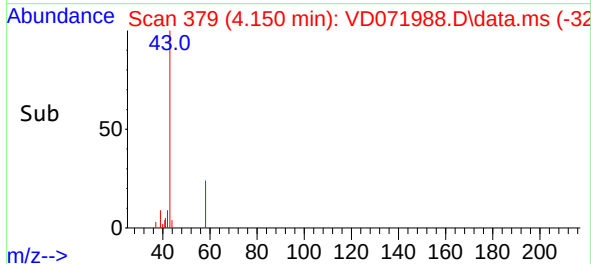
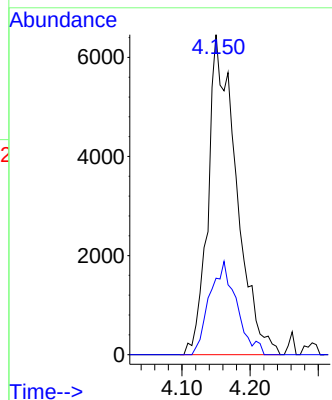
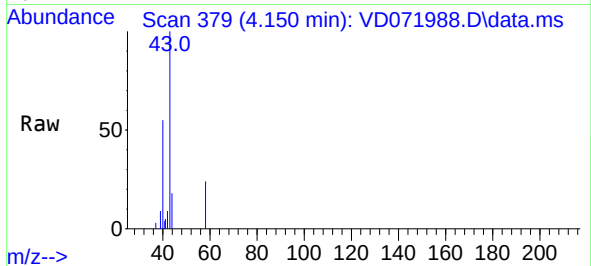




#16
Acetone
Concen: 12.748 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

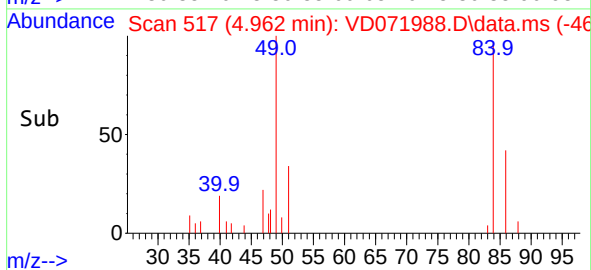
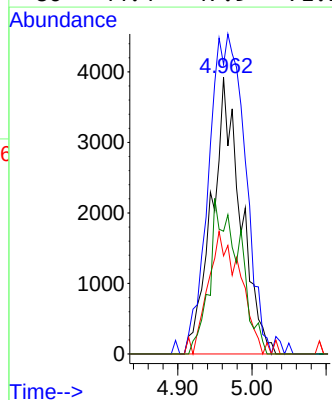
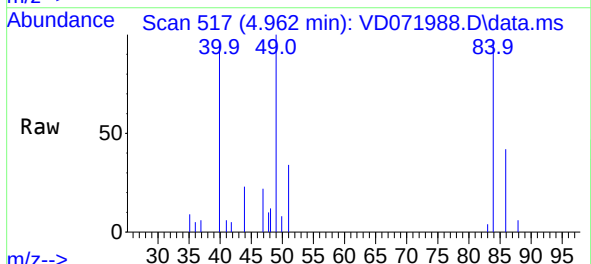
Instrument :
MSVOA_D
ClientSampleId :
TP-2

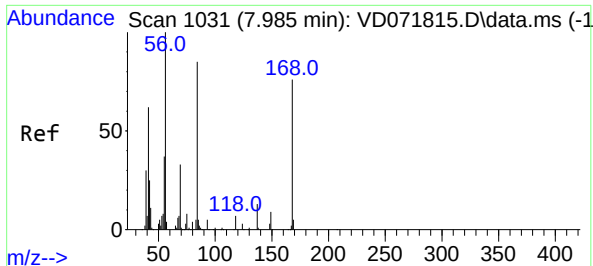
Tgt Ion: 43 Resp: 18593
Ion Ratio Lower Upper
43 100
58 23.9 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

Tgt Ion: 84 Resp: 10711
Ion Ratio Lower Upper
84 100
49 104.7 112.8 169.2#
51 35.5 32.6 48.8
86 44.4 47.9 71.9#

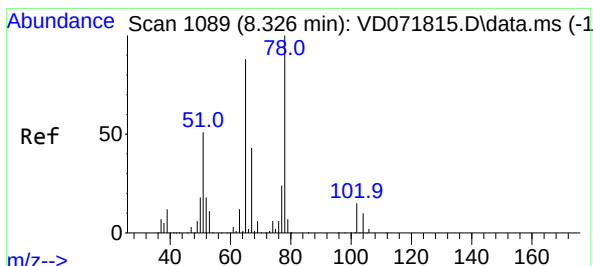
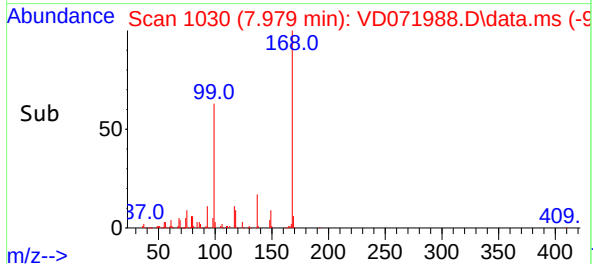
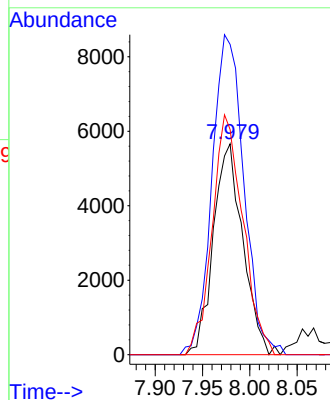
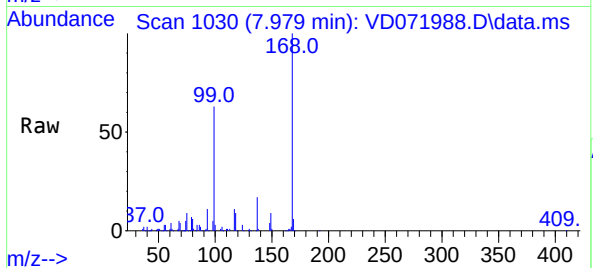




#31
Cyclohexane
Concen: 1.208 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

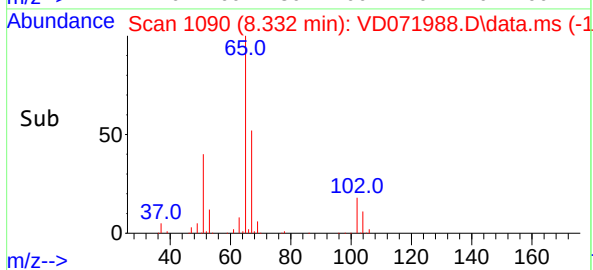
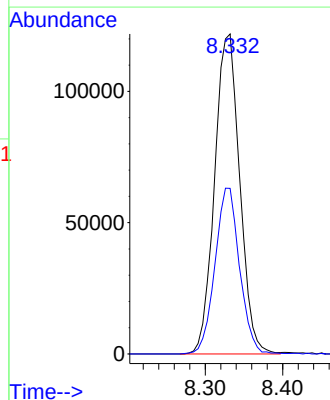
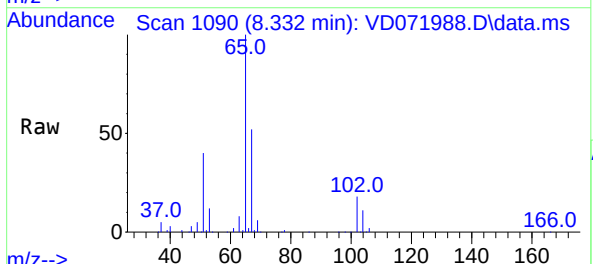
Instrument :
MSVOA_D
ClientSampleId :
TP-2

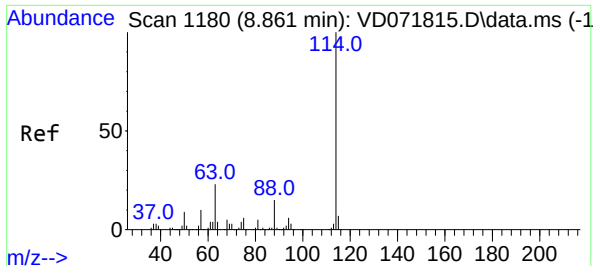
Tgt Ion: 56 Resp: 12290
Ion Ratio Lower Upper
56 100
69 147.1 25.4 38.2#
84 106.7 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 51.612 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

Tgt Ion: 65 Resp: 275000
Ion Ratio Lower Upper
65 100
67 50.7 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: VD071988.D

Acq: 16 Feb 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

TP-2

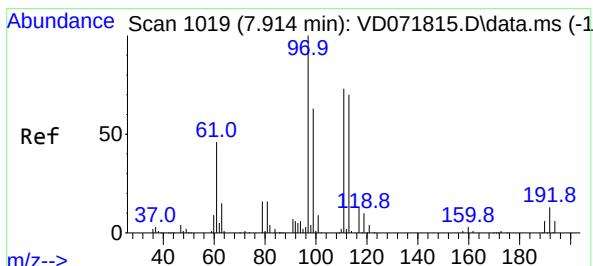
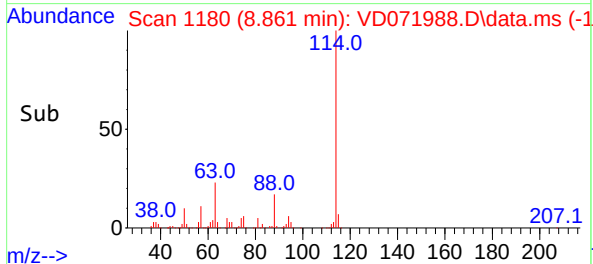
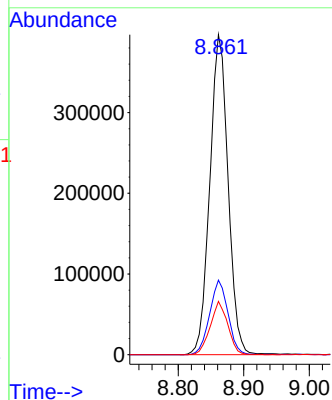
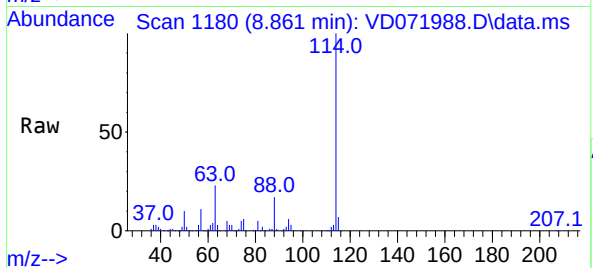
Tgt Ion:114 Resp: 768081

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.6

88 16.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.440 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071988.D

Acq: 16 Feb 2022 13:16

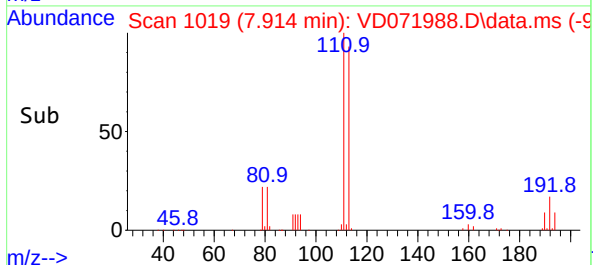
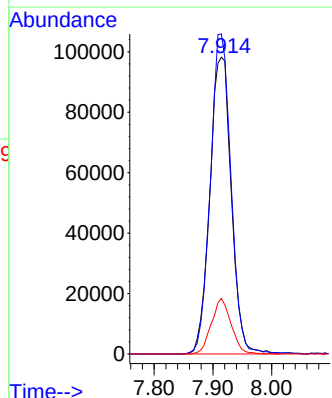
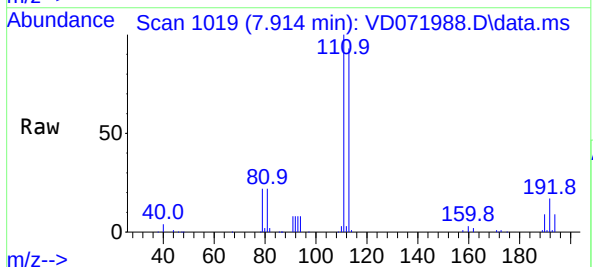
Tgt Ion:113 Resp: 249613

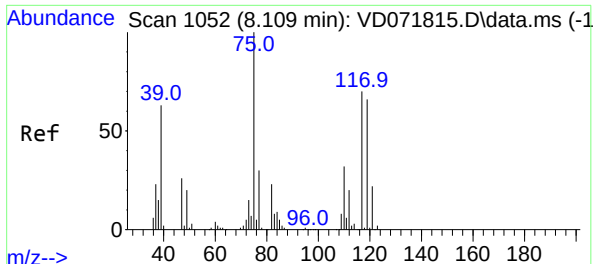
Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 17.1 14.6 21.8

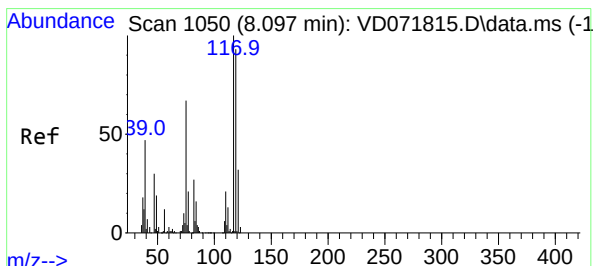
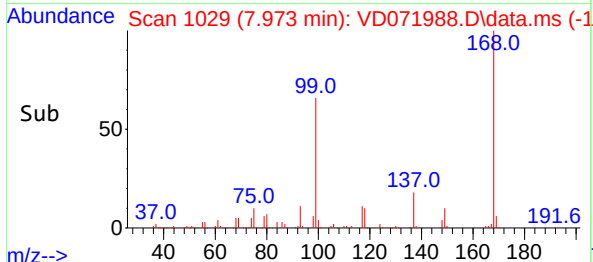
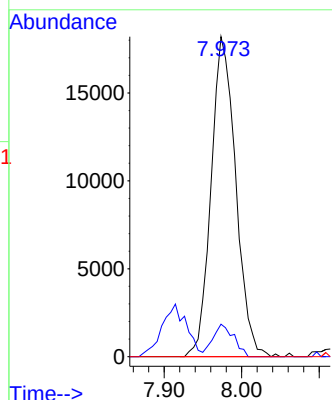
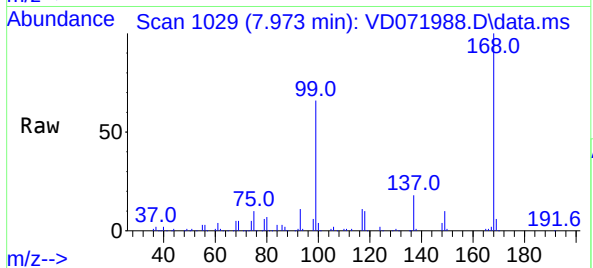




#36
1,1-Dichloropropene
Concen: 4.645 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

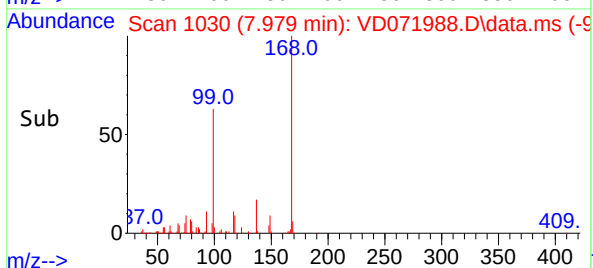
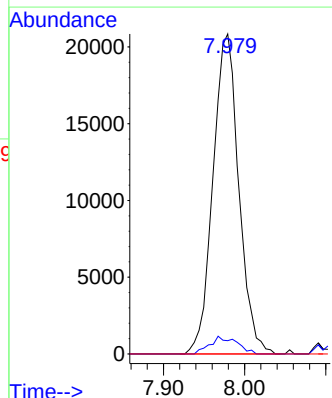
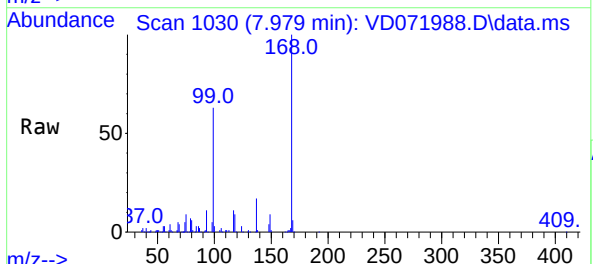
Instrument :
MSVOA_D
ClientSampleId :
TP-2

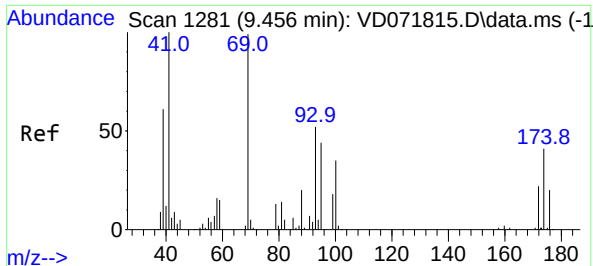
Tgt Ion: 75 Resp: 40254
Ion Ratio Lower Upper
75 100
110 8.6 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.378 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

Tgt Ion: 117 Resp: 46088
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.5 36.7#

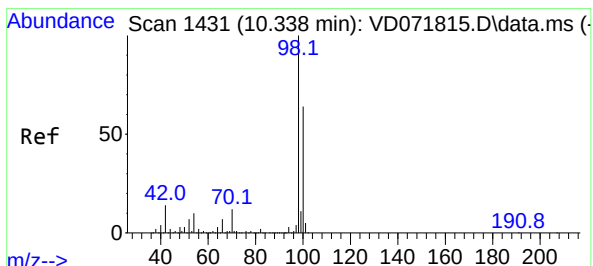
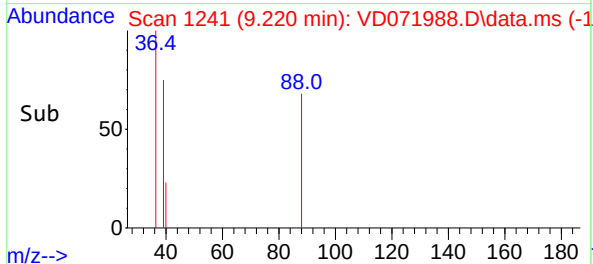
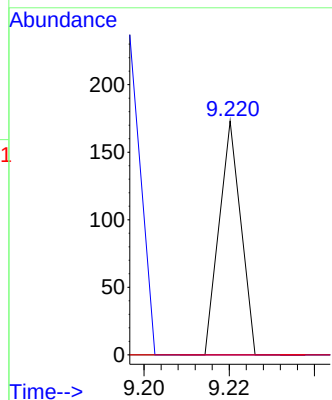
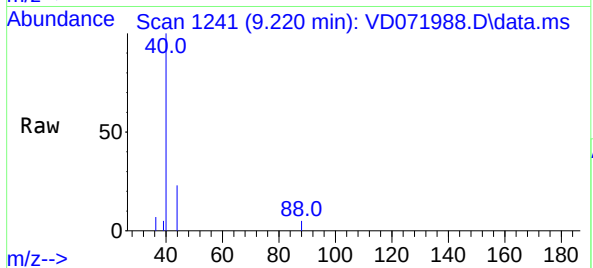




#49
1,4-Dioxane
Concen: 1.692 ug/l
RT: 9.220 min Scan# 11
Delta R.T. -0.241 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

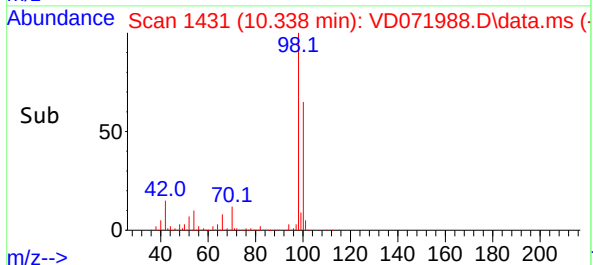
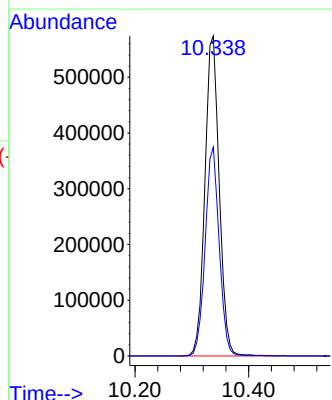
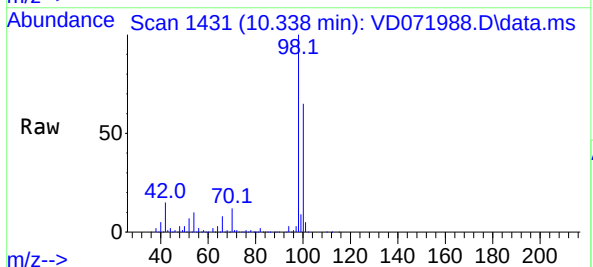
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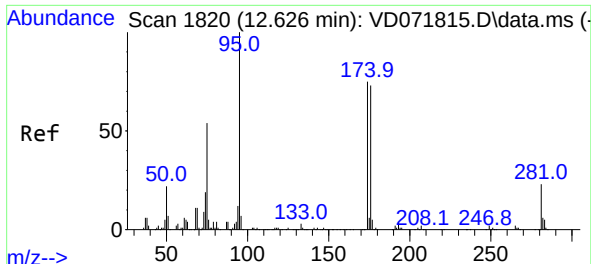
Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4#
58 0.0 58.1 87.1#



#50
Toluene-d8
Concen: 53.078 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

Tgt Ion: 98 Resp: 1000829
Ion Ratio Lower Upper
98 100
100 64.1 52.4 78.6

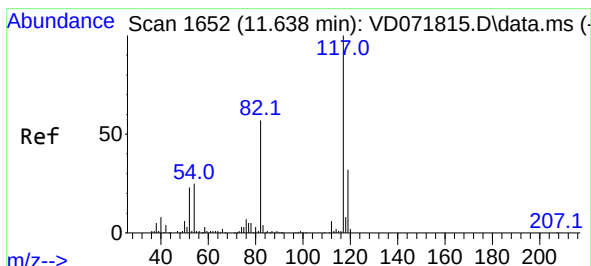
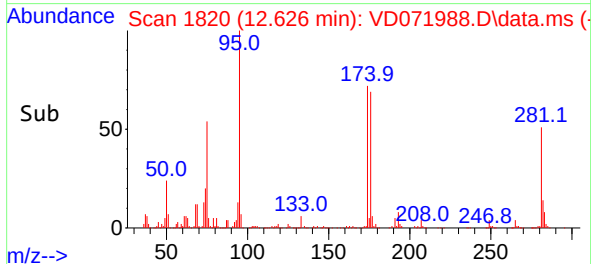
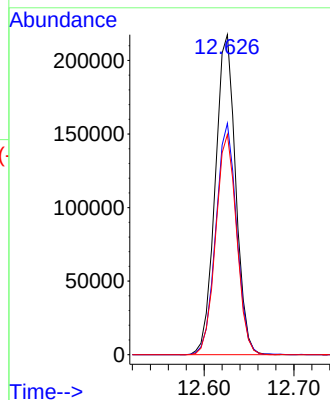
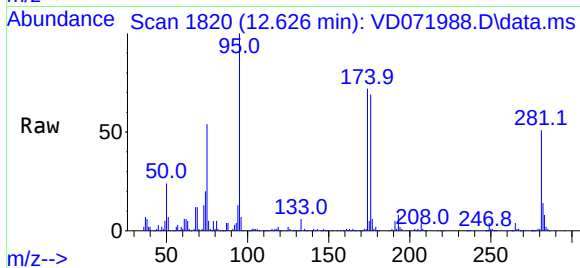




#62
4-Bromofluorobenzene
Concen: 52.211 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

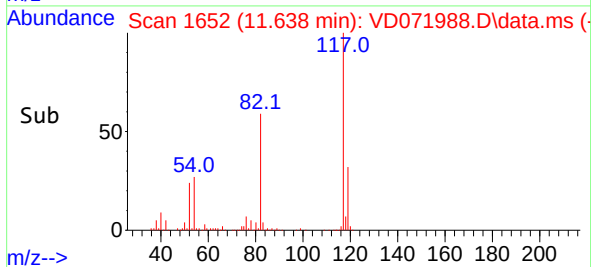
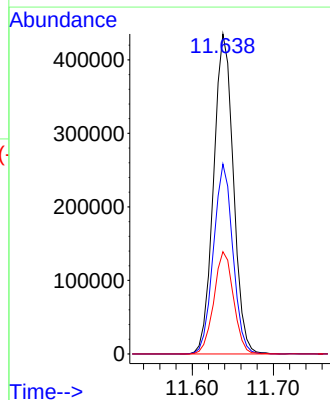
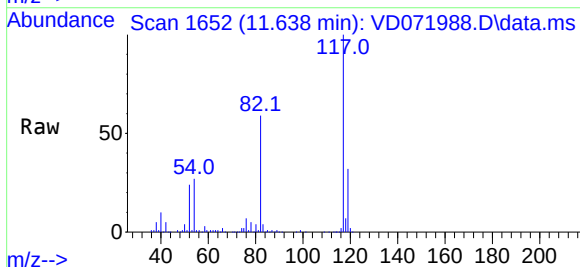
Instrument :
MSVOA_D
ClientSampleId :
TP-2

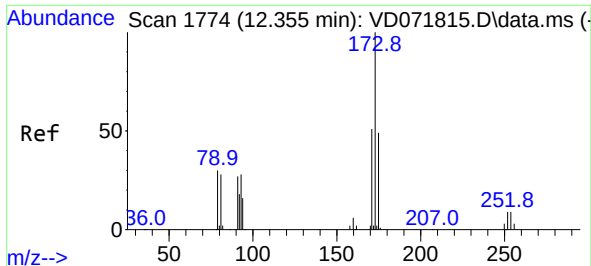
Tgt Ion: 95 Resp: 343788
Ion Ratio Lower Upper
95 100
174 73.6 0.0 152.8
176 70.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

Tgt Ion: 117 Resp: 737079
Ion Ratio Lower Upper
117 100
82 59.4 45.3 67.9
119 32.0 26.6 40.0

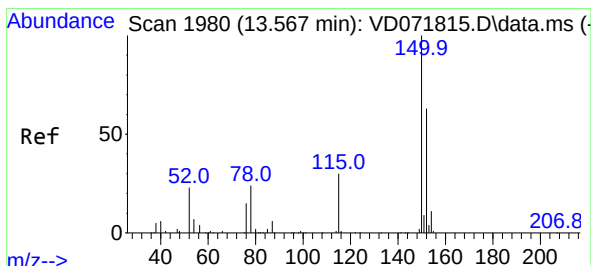
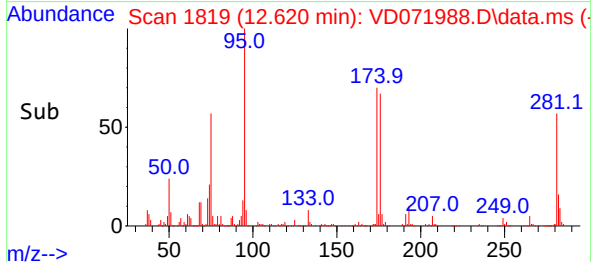
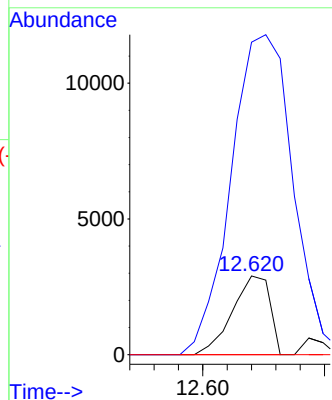
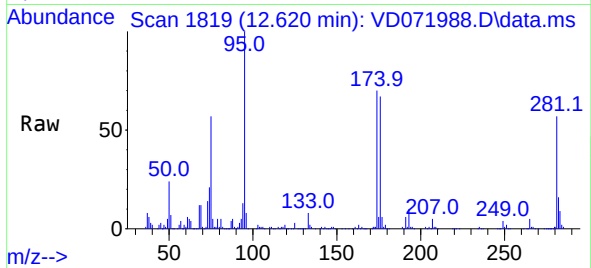




#71
Bromoform
Concen: 1.025 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

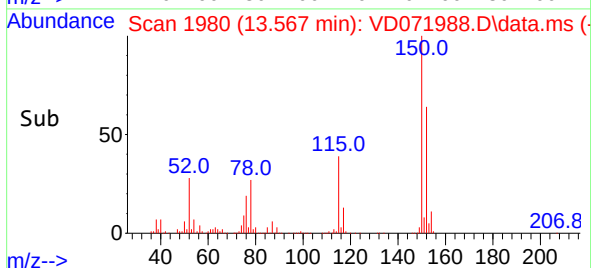
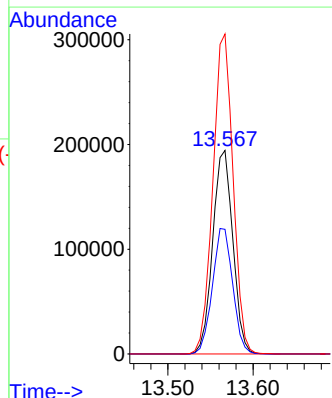
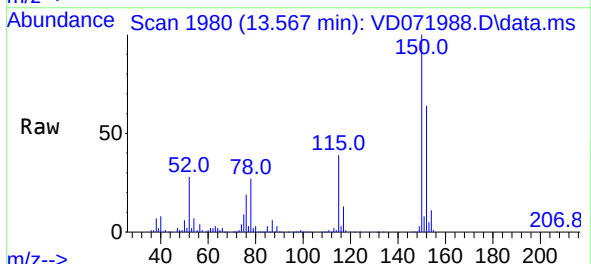
Instrument :
MSVOA_D
ClientSampleId :
TP-2

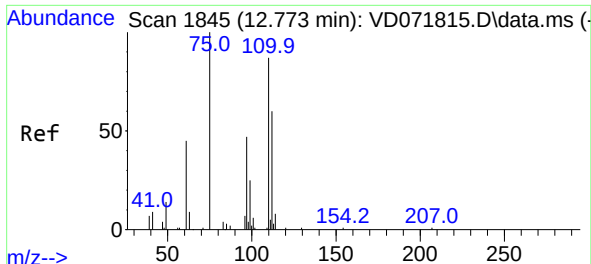
Tgt Ion:173 Resp: 3104
Ion Ratio Lower Upper
173 100
175 559.9 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

Tgt Ion:152 Resp: 320112
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.8
150 157.0 0.0 348.6

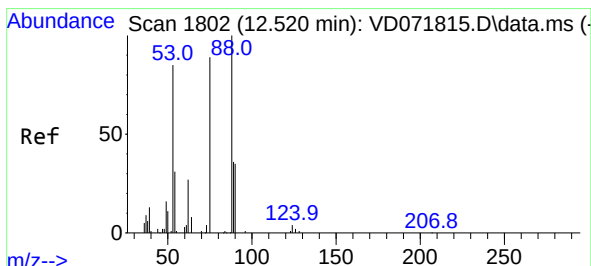
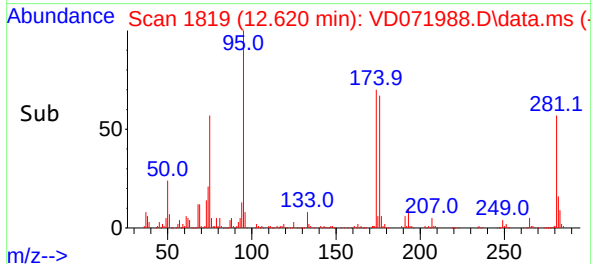
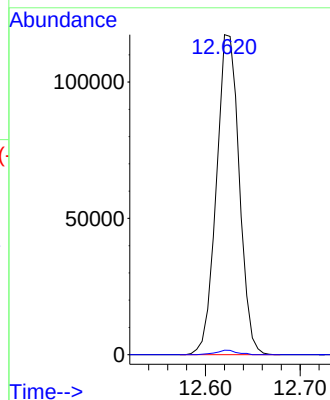
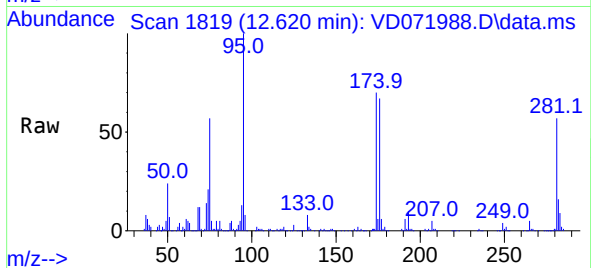




#76
1,2,3-Trichloropropane
Concen: 58.276 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

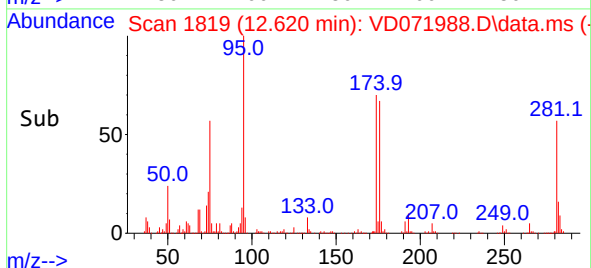
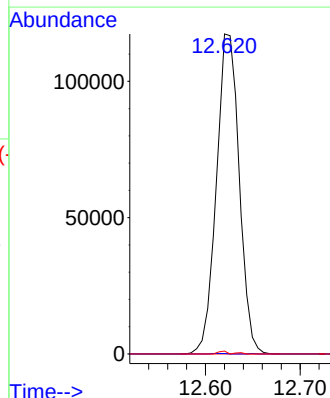
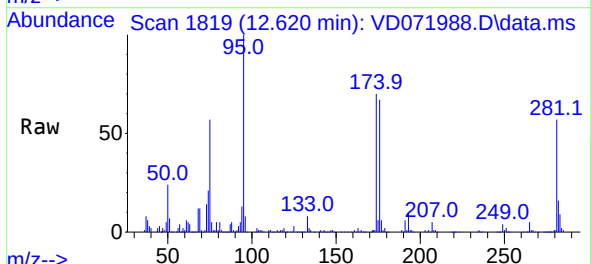
Instrument :
MSVOA_D
ClientSampleId :
TP-2

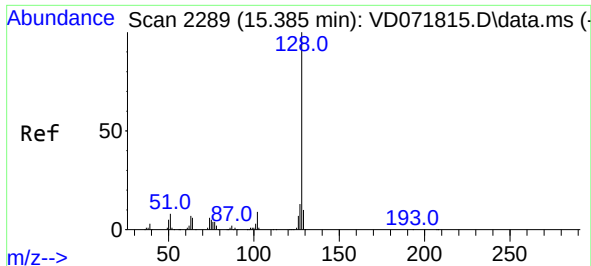
Tgt Ion: 75 Resp: 196600
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 143.288 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

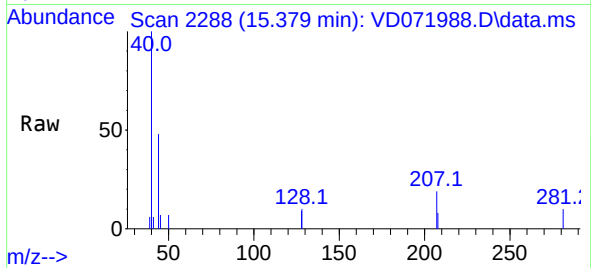
Tgt Ion: 75 Resp: 196600
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.5 33.9 50.9#





#95
Naphthalene
Concen: 1.541 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071988.D
Acq: 16 Feb 2022 13:16

Instrument :
MSVOA_D
ClientSampleId :
TP-2



Tgt Ion:	128	Resp:	999
Ion	Ratio	Lower	Upper
128	100		
127	7.8	10.3	15.5#
129	0.0	8.4	12.6#

