

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071955.D
 Acq On : 14 Feb 2022 14:22
 Operator : VA/SY
 Sample : N1521-03
 Misc : 6.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-B

Quant Time: Feb 15 00:35:42 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)

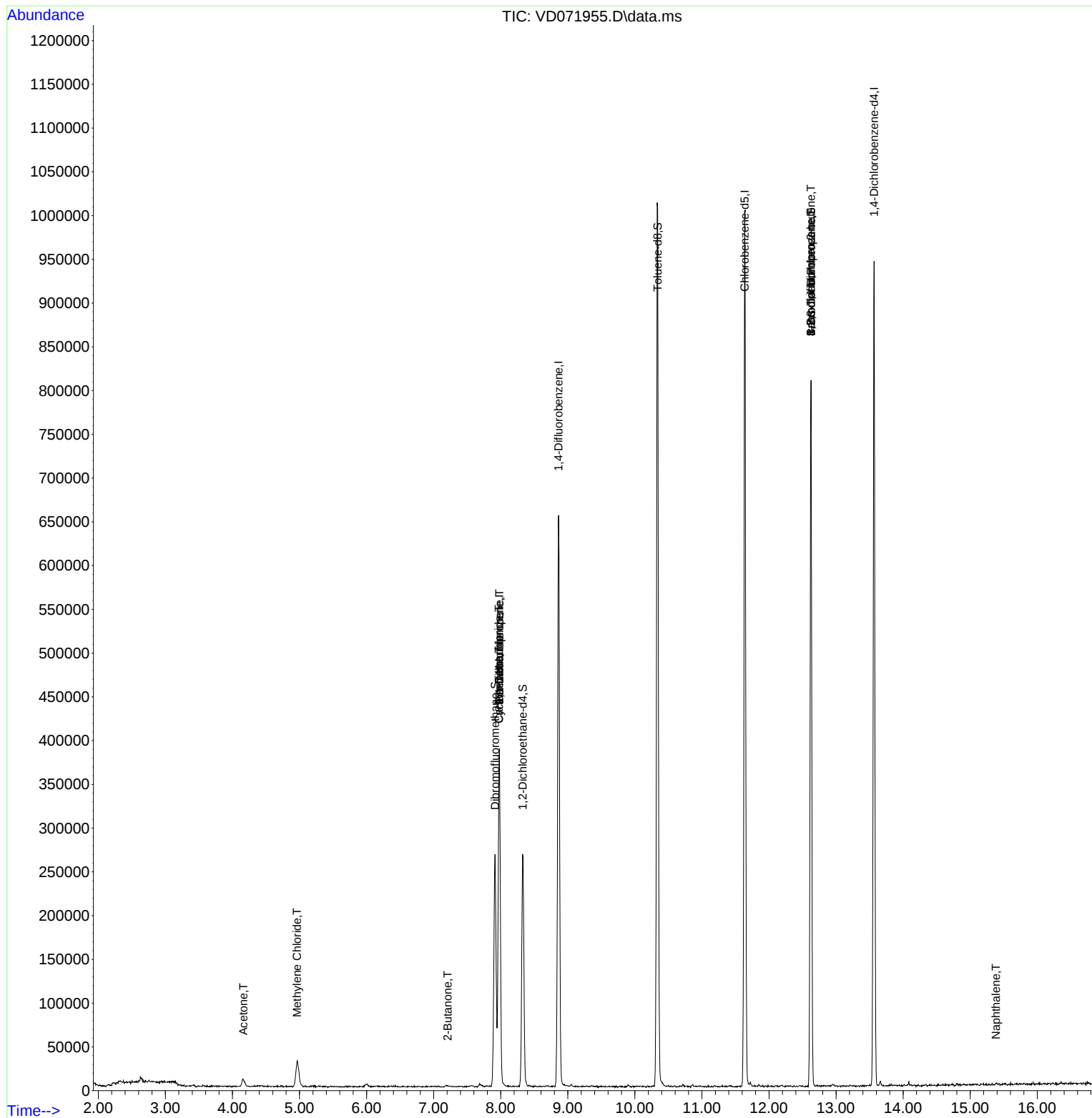
Internal Standards						
1) Pentafluorobenzene	7.979	168	265737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	517918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	525038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	229642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	214526	63.870	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.740%	
35) Dibromofluoromethane	7.914	113	185112	54.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.740%	
50) Toluene-d8	10.338	98	663710	52.201	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.400%	
62) 4-Bromofluorobenzene	12.626	95	231751	52.196	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.197	59	298	Below Cal	#	74
16) Acetone	4.162	43	14715	16.004	ug/l #	88
20) Methylene Chloride	4.962	84	20981	2.715	ug/l	87
25) 2-Butanone	7.208	43	1714	1.599	ug/l #	77
31) Cyclohexane	7.973	56	8096	1.263	ug/l #	16
36) 1,1-Dichloropropene	7.979	75	25870	4.427	ug/l #	50
38) Carbon Tetrachloride	7.973	117	28192	4.879	ug/l #	16
71) Bromoform	12.626	173	2693	1.248	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	131592	54.374	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	131592	133.692	ug/l #	7
95) Naphthalene	15.385	128	987	1.574	ug/l #	70

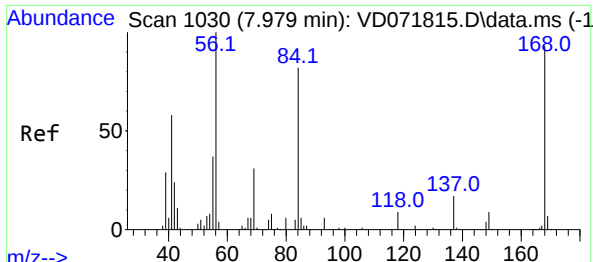
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
Data File : VD071955.D
Acq On : 14 Feb 2022 14:22
Operator : VA/SY
Sample : N1521-03
Misc : 6.16G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP1-B

Quant Time: Feb 15 00:35:42 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

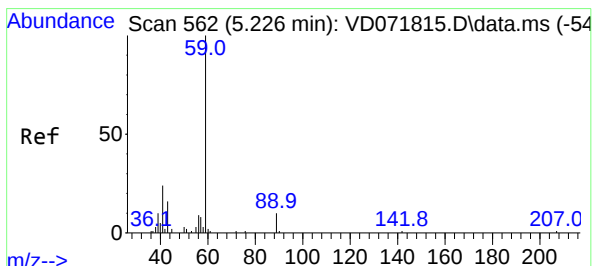
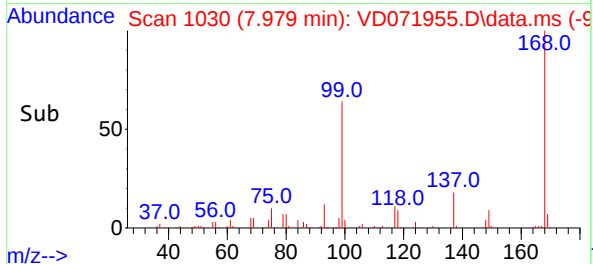
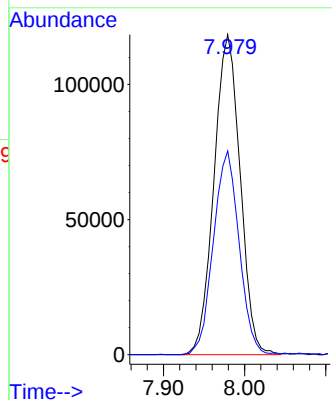
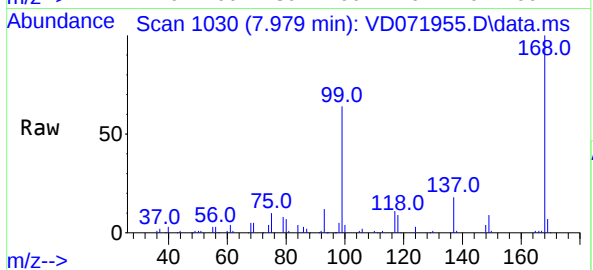




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

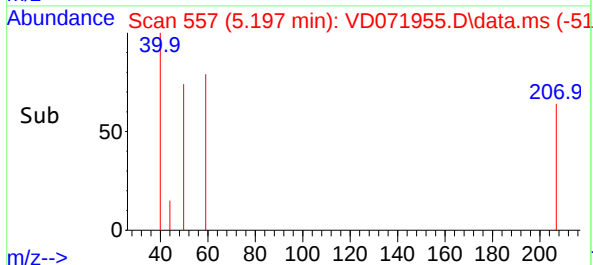
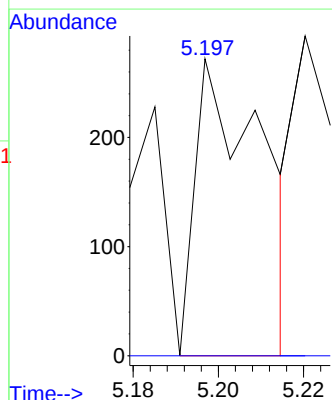
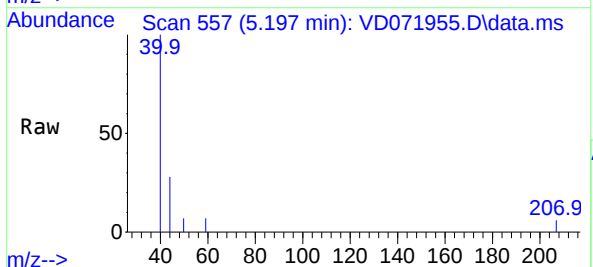
Instrument :
MSVOA_D
ClientSampleId :
TP1-B

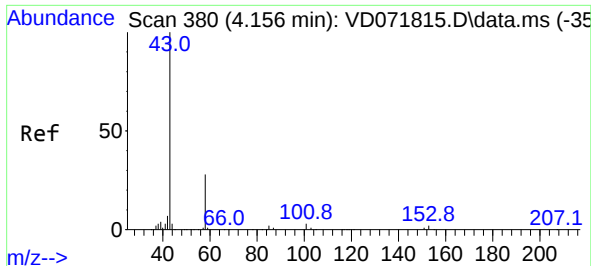
Tgt Ion:168 Resp: 265737
Ion Ratio Lower Upper
168 100
99 63.7 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.024 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

Tgt Ion: 59 Resp: 298
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

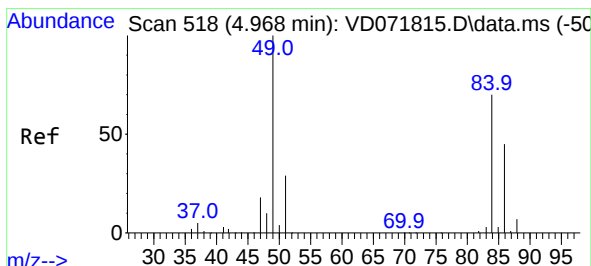
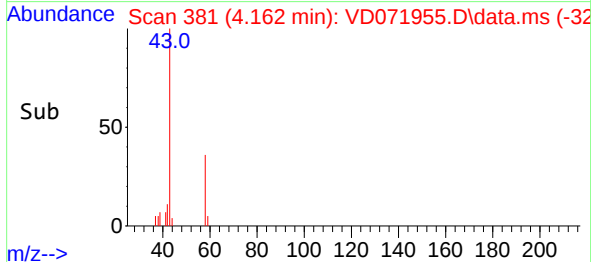
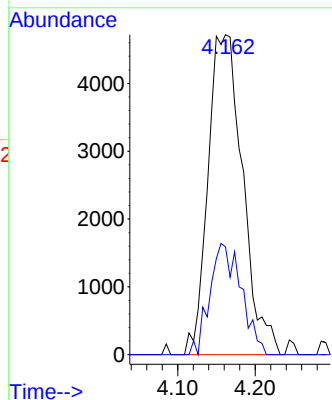
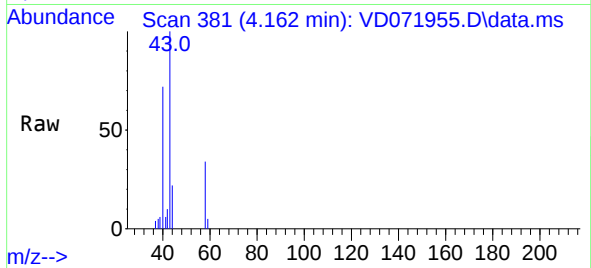




#16
Acetone
Concen: 16.004 ug/l
RT: 4.162 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

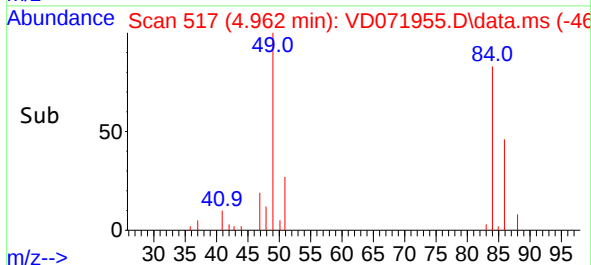
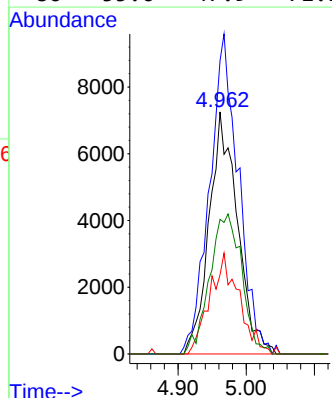
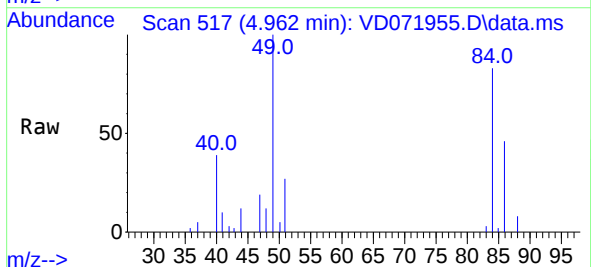
Instrument :
MSVOA_D
ClientSampleId :
TP1-B

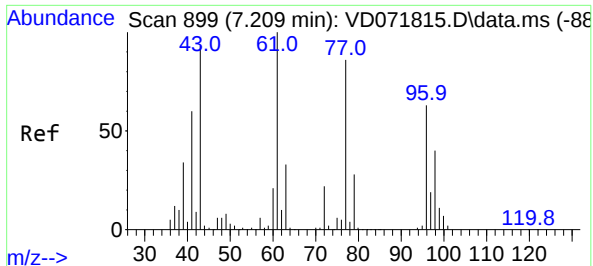
Tgt Ion: 43 Resp: 14715
Ion Ratio Lower Upper
43 100
58 33.7 22.1 33.1#



#20
Methylene Chloride
Concen: 2.715 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

Tgt Ion: 84 Resp: 20981
Ion Ratio Lower Upper
84 100
49 121.2 112.8 169.2
51 32.7 32.6 48.8
86 55.6 47.9 71.9





#25

2-Butanone

Concen: 1.599 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD071955.D

Acq: 14 Feb 2022 14:22

Instrument :

MSVOA_D

ClientSampleId :

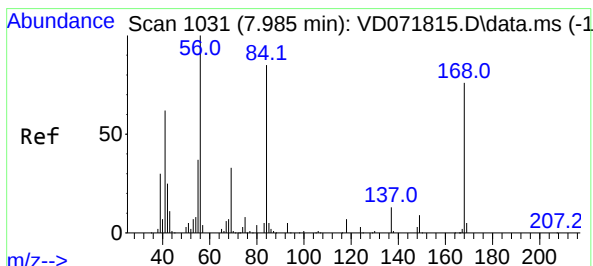
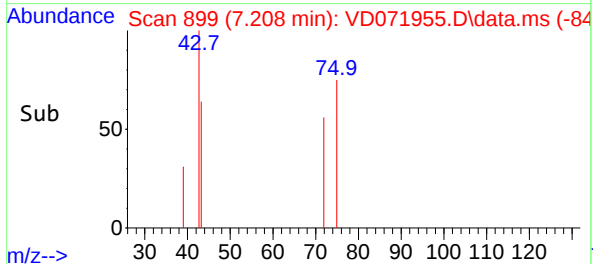
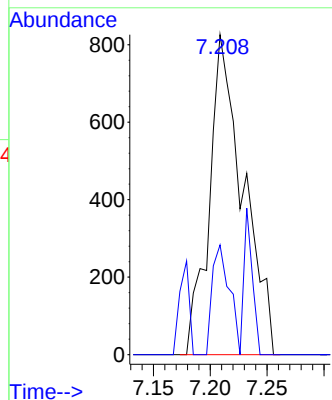
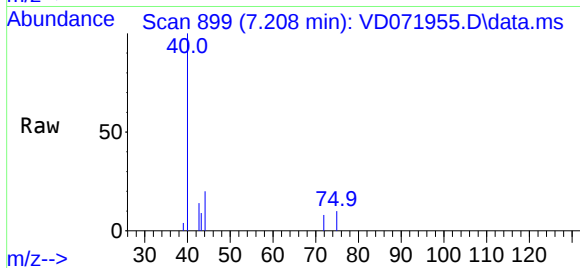
TP1-B

Tgt Ion: 43 Resp: 1714

Ion Ratio Lower Upper

43 100

72 34.3 18.6 27.8#



#31

Cyclohexane

Concen: 1.263 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071955.D

Acq: 14 Feb 2022 14:22

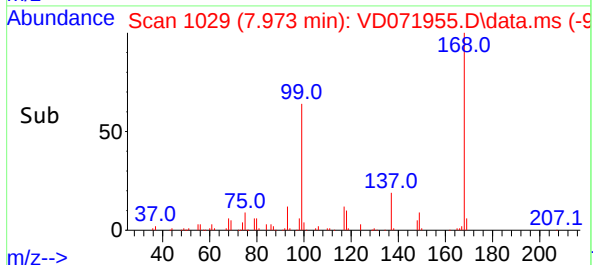
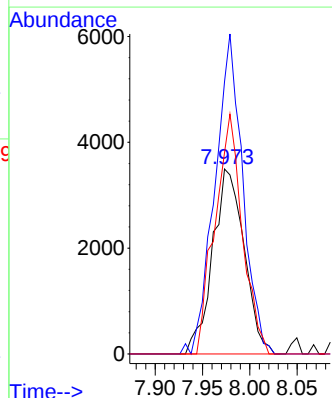
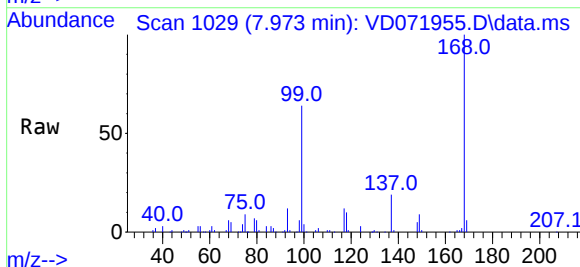
Tgt Ion: 56 Resp: 8096

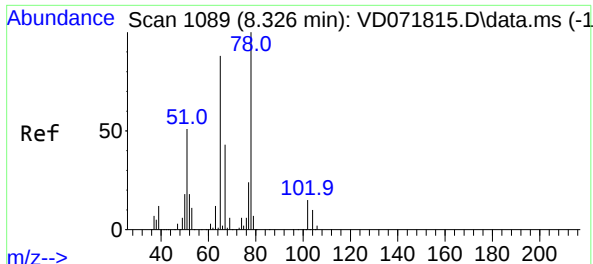
Ion Ratio Lower Upper

56 100

69 147.1 25.4 38.2#

84 108.8 63.0 94.4#

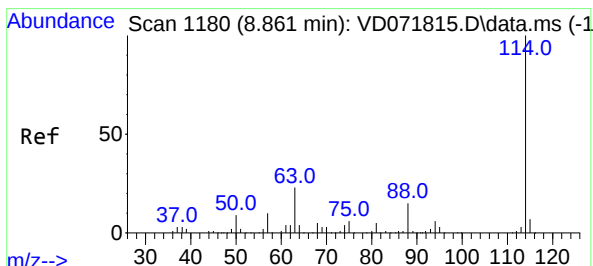
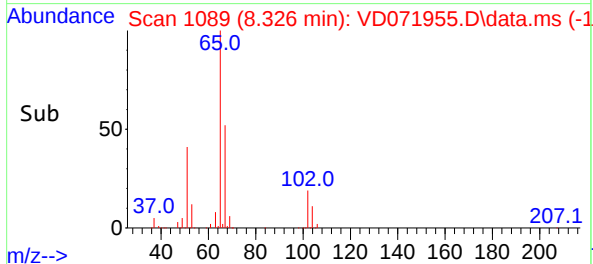
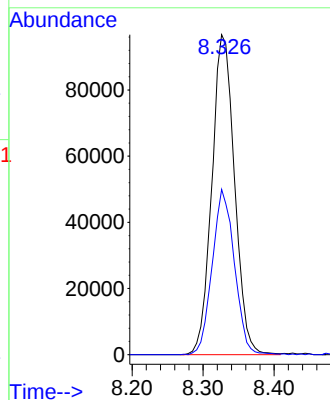
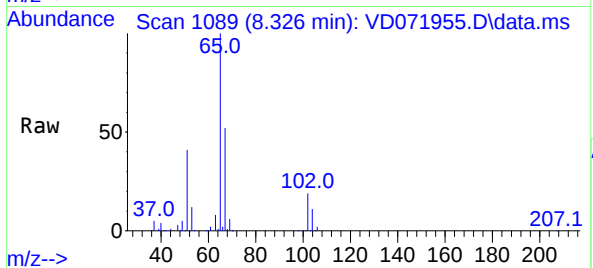




#33
1,2-Dichloroethane-d4
Concen: 63.870 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

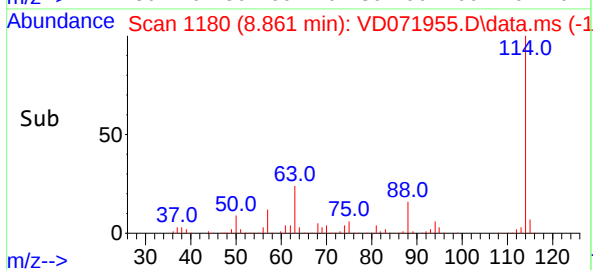
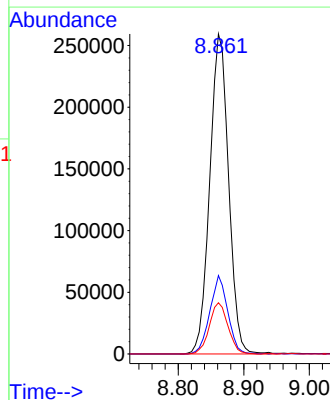
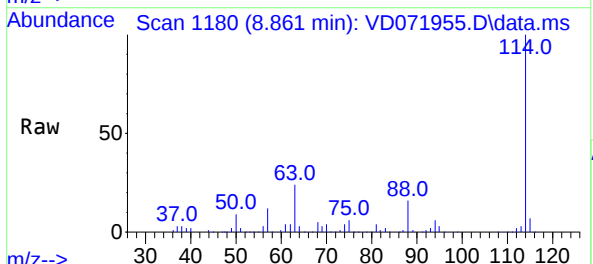
Instrument :
MSVOA_D
ClientSampleId :
TP1-B

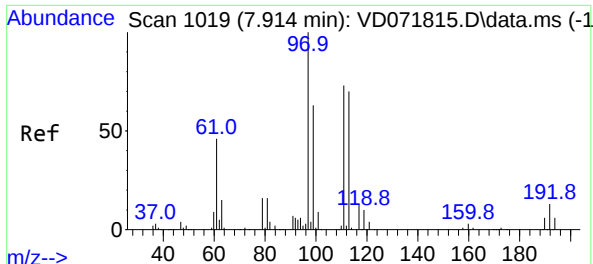
Tgt Ion: 65 Resp: 214526
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

Tgt Ion: 114 Resp: 517918
Ion Ratio Lower Upper
114 100
63 24.5 0.0 46.6
88 16.0 0.0 33.2

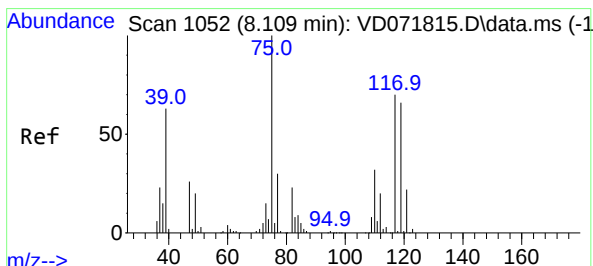
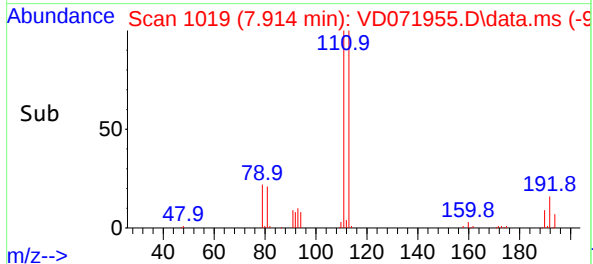
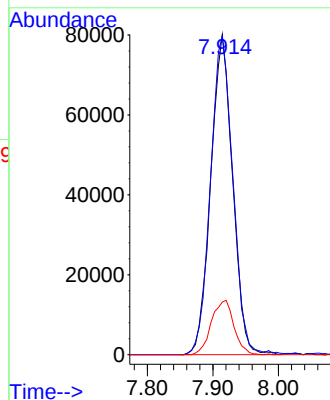
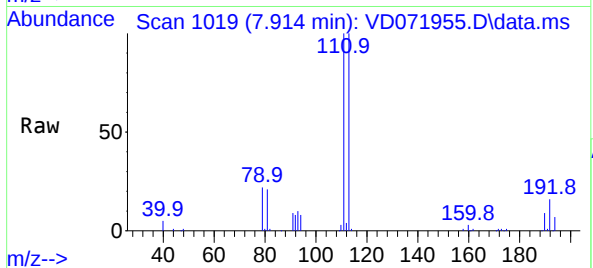




#35
Dibromofluoromethane
Concen: 54.374 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

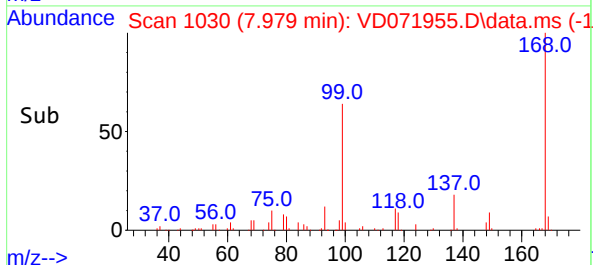
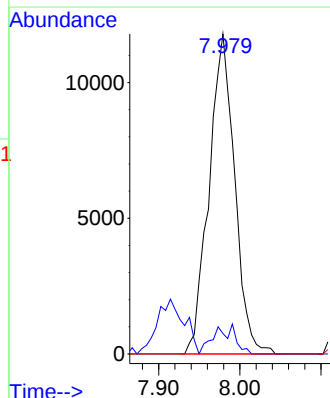
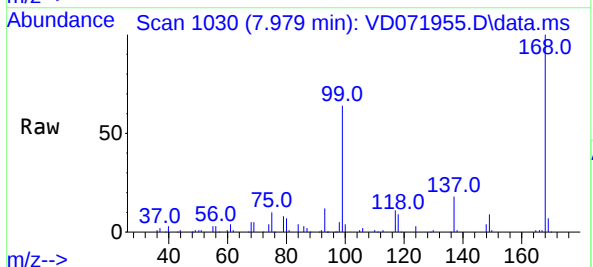
Instrument :
MSVOA_D
ClientSampleId :
TP1-B

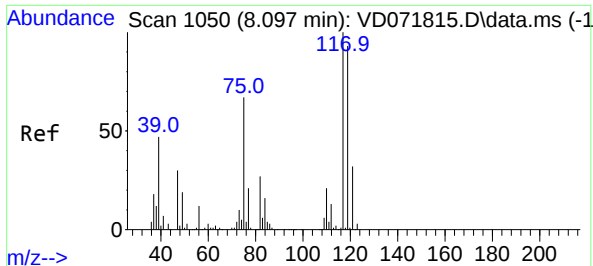
Tgt Ion:113 Resp: 185112
Ion Ratio Lower Upper
113 100
111 101.4 83.8 125.6
192 17.5 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.427 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

Tgt Ion: 75 Resp: 25870
Ion Ratio Lower Upper
75 100
110 7.6 16.4 49.1#
77 0.0 24.2 36.2#

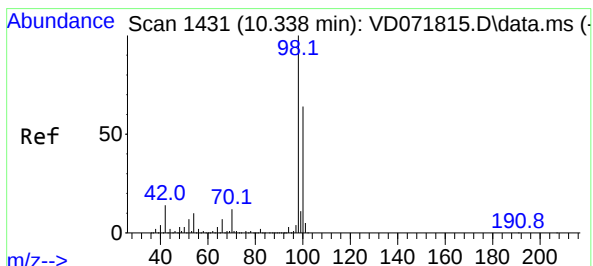
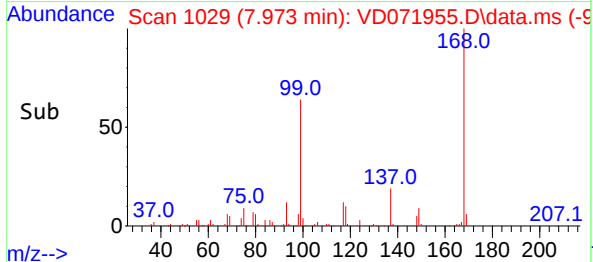
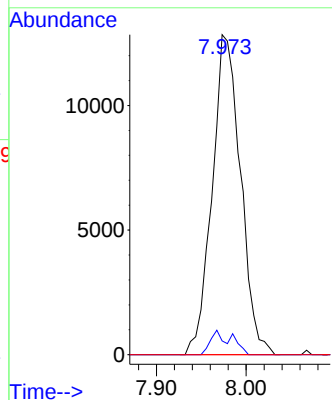
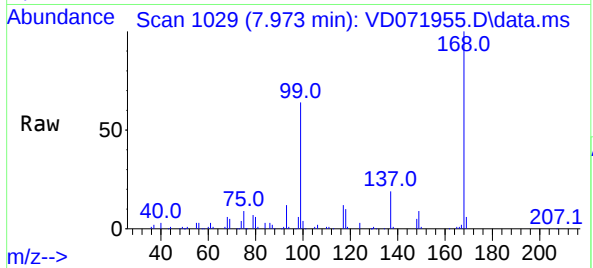




#38
Carbon Tetrachloride
Concen: 4.879 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

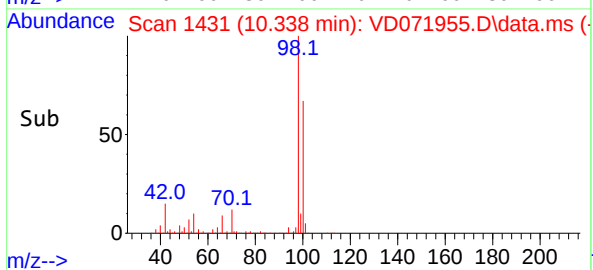
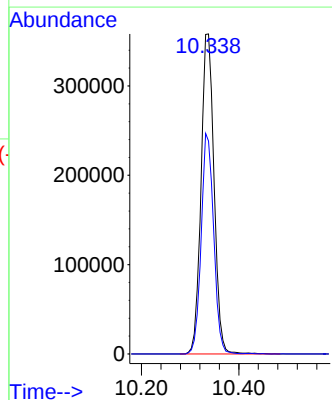
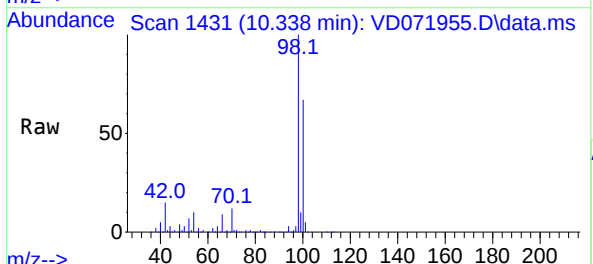
Instrument :
MSVOA_D
ClientSampleId :
TP1-B

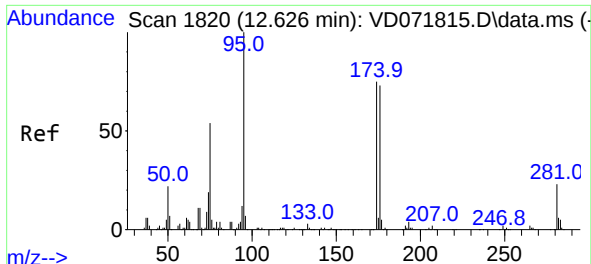
Tgt Ion:117 Resp: 28192
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.201 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

Tgt Ion: 98 Resp: 663710
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6

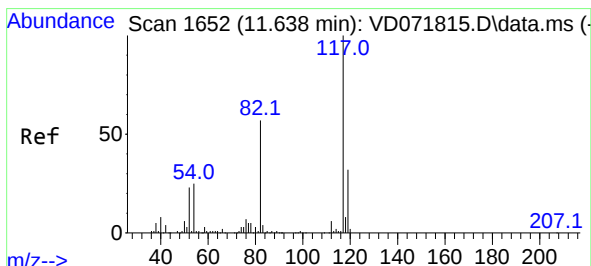
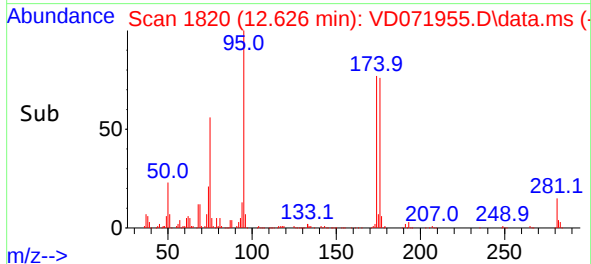
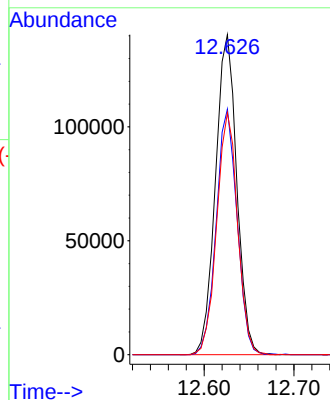
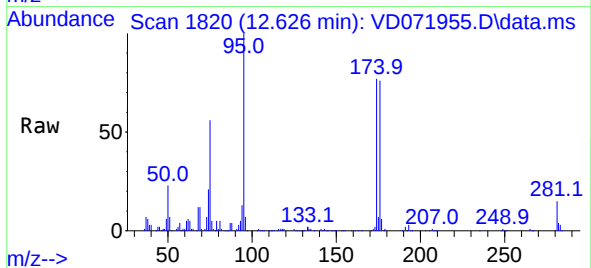




#62
4-Bromofluorobenzene
Concen: 52.196 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

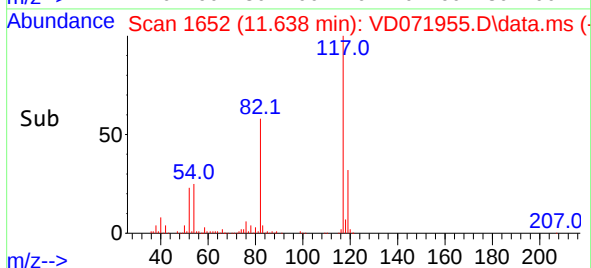
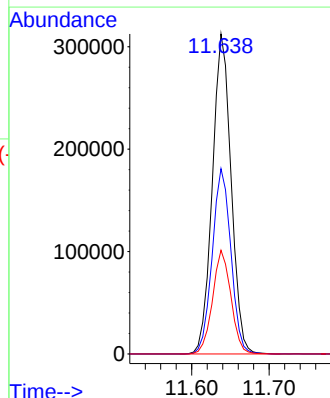
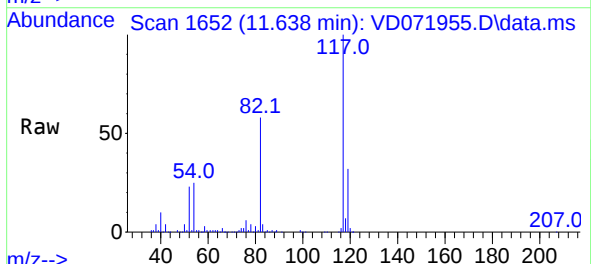
Instrument :
MSVOA_D
ClientSampleId :
TP1-B

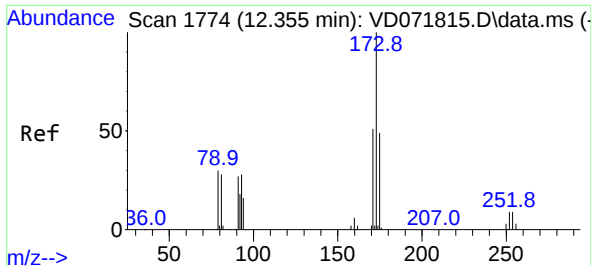
Tgt Ion: 95 Resp: 231751
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 73.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

Tgt Ion: 117 Resp: 525038
Ion Ratio Lower Upper
117 100
82 57.9 45.3 67.9
119 32.4 26.6 40.0

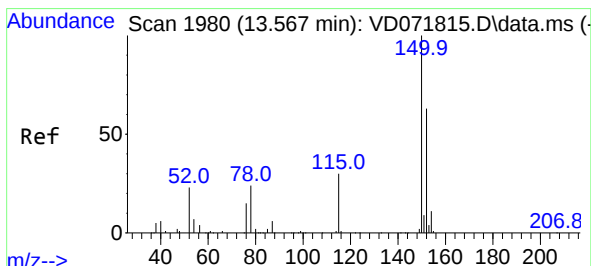
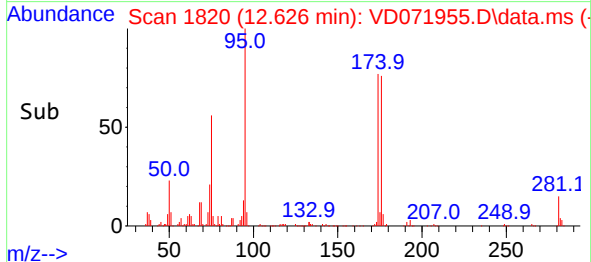
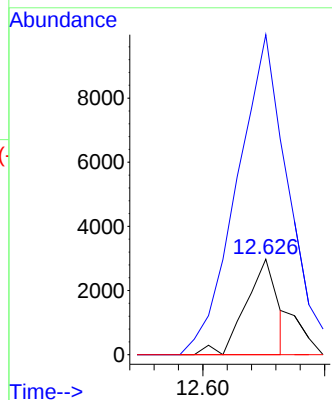
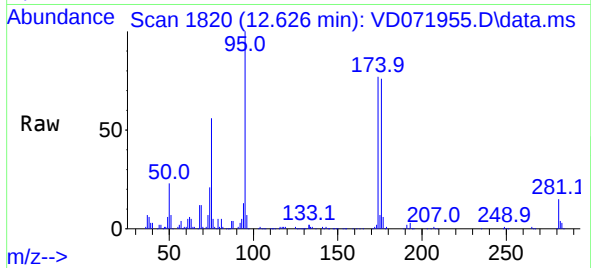




#71
Bromoform
Concen: 1.248 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.271 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

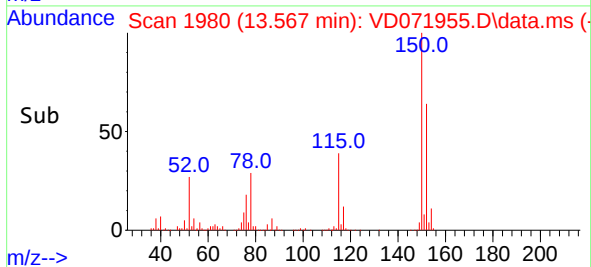
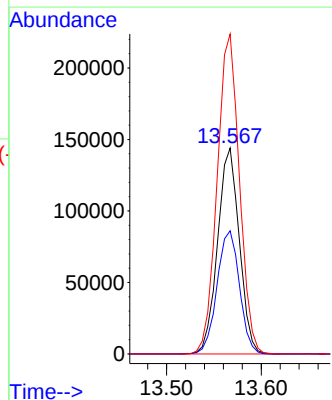
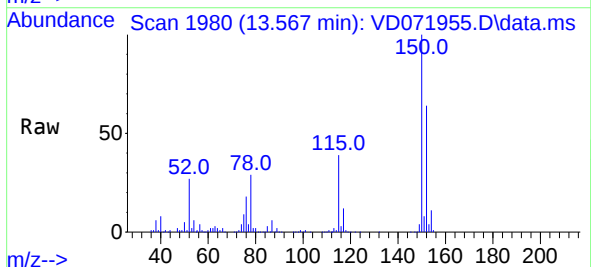
Instrument :
MSVOA_D
ClientSampleId :
TP1-B

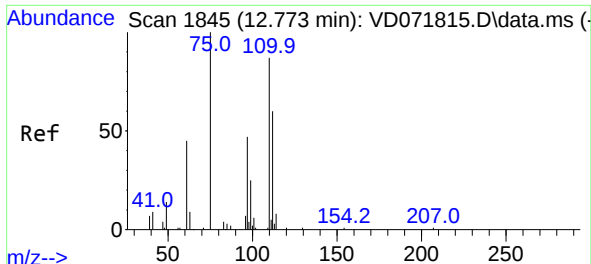
Tgt Ion:173 Resp: 2693
Ion Ratio Lower Upper
173 100
175 453.4 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

Tgt Ion:152 Resp: 229642
Ion Ratio Lower Upper
152 100
115 61.8 31.3 93.8
150 158.9 0.0 348.6

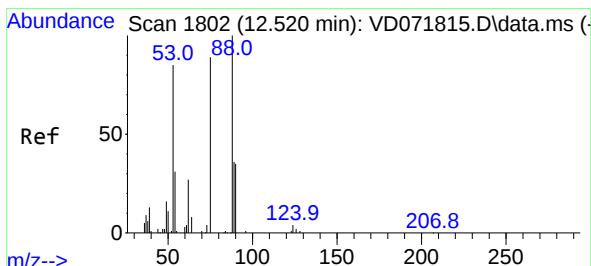
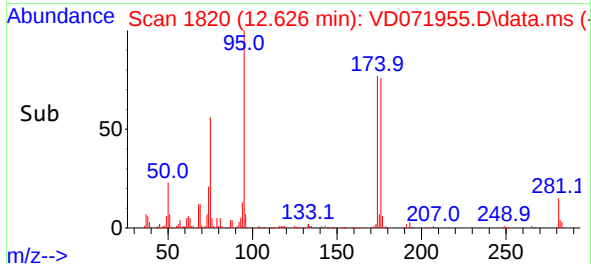
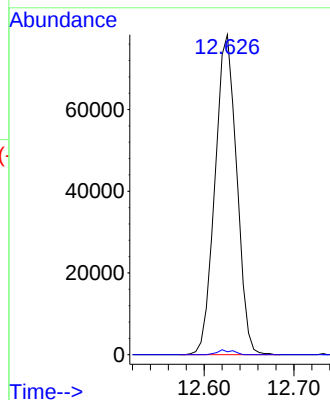
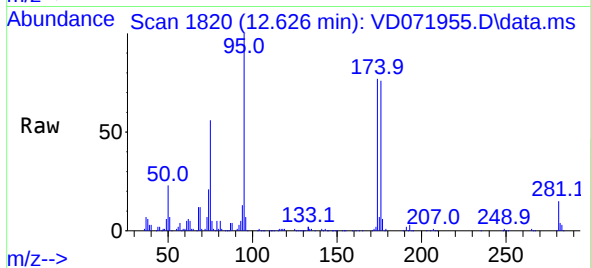




#76
1,2,3-Trichloropropane
Concen: 54.374 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

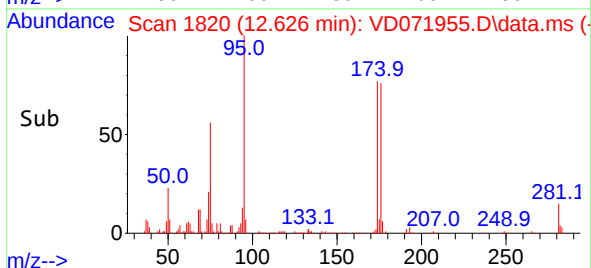
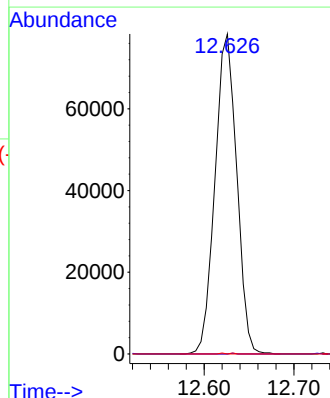
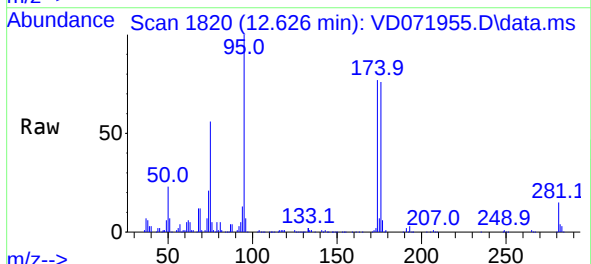
Instrument :
MSVOA_D
ClientSampleId :
TP1-B

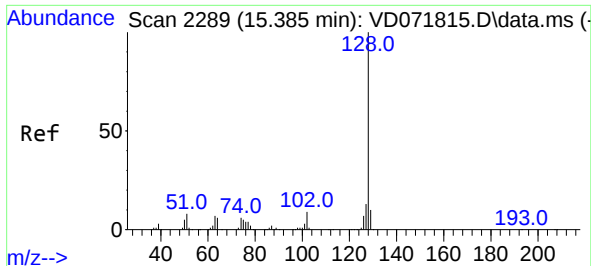
Tgt Ion: 75 Resp: 131592
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.692 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

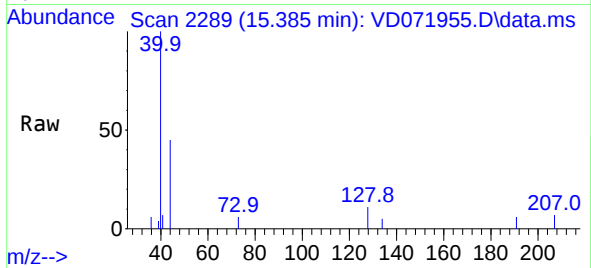
Tgt Ion: 75 Resp: 131592
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.1 33.9 50.9#





#95
Naphthalene
Concen: 1.574 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

Instrument :
MSVOA_D
ClientSampleId :
TP1-B



Tgt Ion:128 Resp: 987
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

