

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072952.D
 Acq On : 12 May 2022 17:21
 Operator : VA/SY
 Sample : N2782-03
 Misc : 5.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P018-SS001-2430-01

Quant Time: May 13 05:56:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

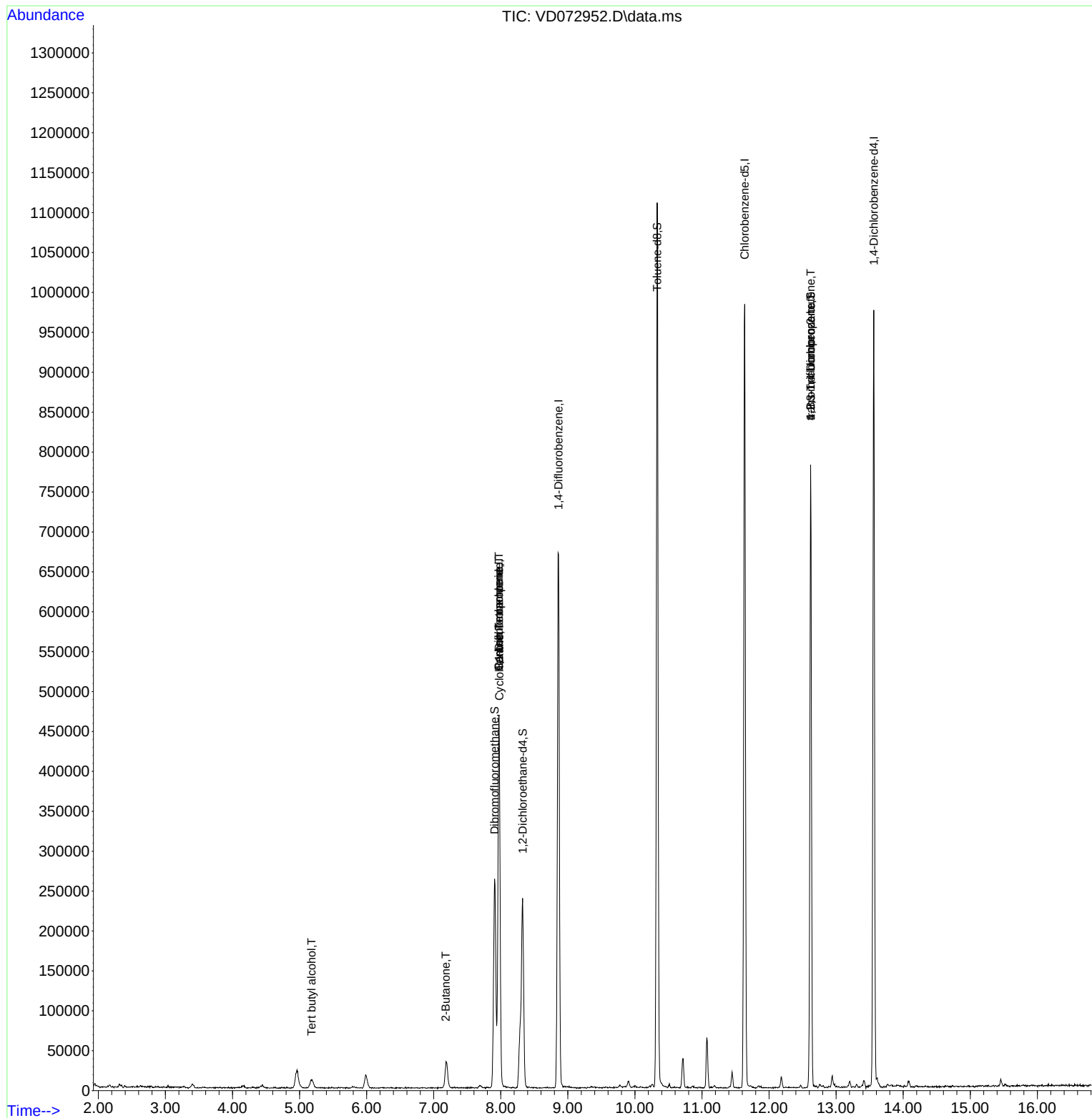
Internal Standards						
1) Pentafluorobenzene	7.973	168	328735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	579620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	571854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	255089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	178338	41.792	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.580%
35) Dibromofluoromethane	7.908	113	189444	46.538	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.080%
50) Toluene-d8	10.332	98	708564	48.525	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.620	95	252136	46.308	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.620%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1021	Below Cal		87
11) Tert butyl alcohol	5.179	59	9762	26.441 ug/l	#	74
16) Acetone	4.161	43	4776	Below Cal	#	60
18) Methyl Acetate	4.708	43	74	Below Cal	#	55
20) Methylene Chloride	4.973	84	16085	Below Cal	#	81
25) 2-Butanone	7.179	43	2189	1.761 ug/l	#	52
31) Cyclohexane	7.979	56	8237	1.104 ug/l	#	1
36) 1,1-Dichloropropene	7.973	75	27697	4.184 ug/l	#	52
38) Carbon Tetrachloride	7.973	117	35018	5.096 ug/l	#	17
76) 1,2,3-Trichloropropane	12.620	75	130043	45.719 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	130043	105.135 ug/l	#	7

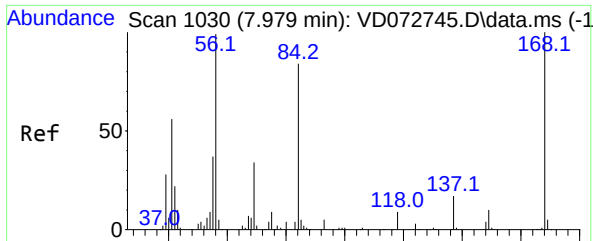
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P018-SS001-2430-01

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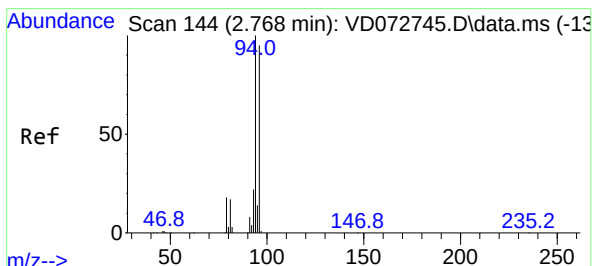
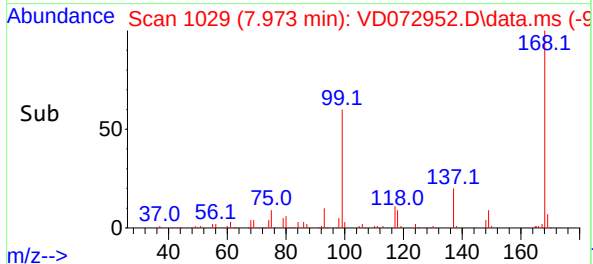
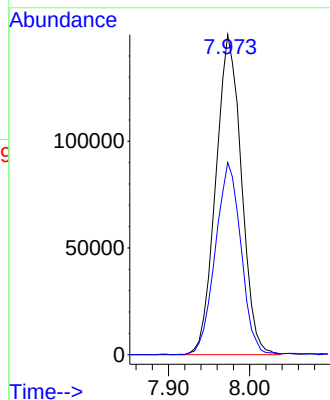
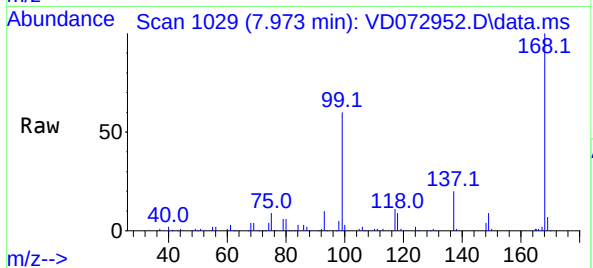




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

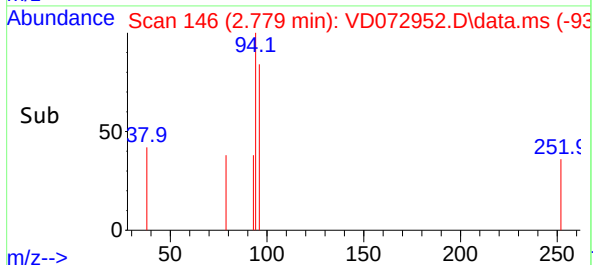
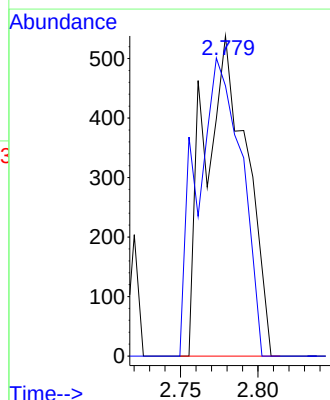
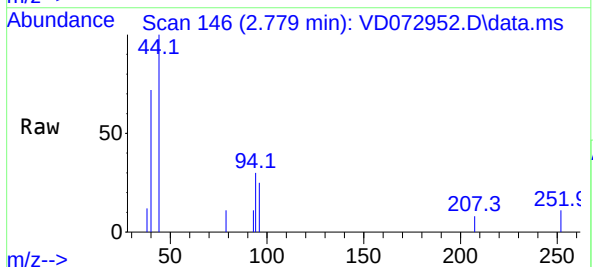
Instrument :
MSVOA_D
ClientSampleId :
P018-SS001-2430-01

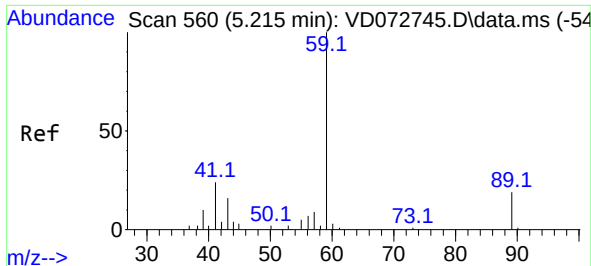
Tgt Ion:168 Resp: 328735
Ion Ratio Lower Upper
168 100
99 59.9 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

Tgt Ion: 94 Resp: 1021
Ion Ratio Lower Upper
94 100
96 84.4 77.6 116.4

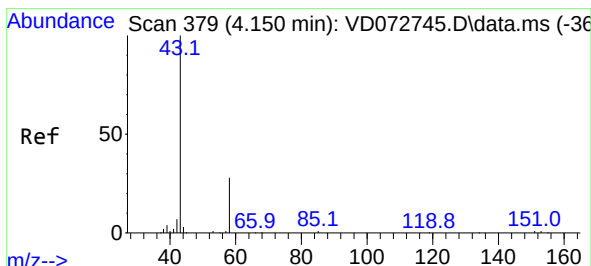
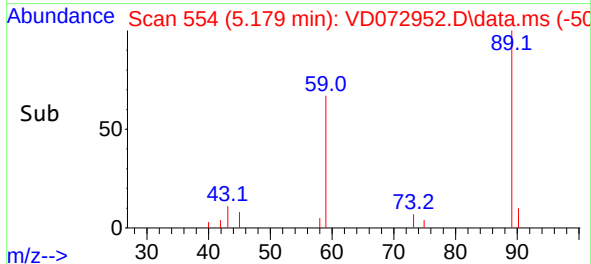
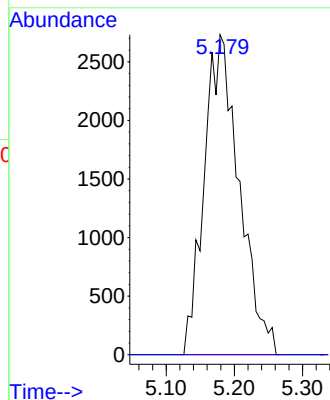
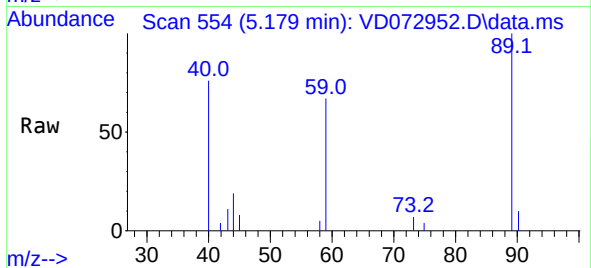




#11
Tert butyl alcohol
Concen: 26.441 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

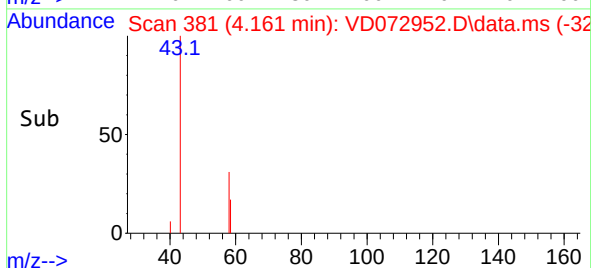
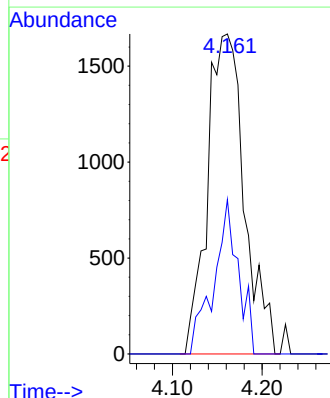
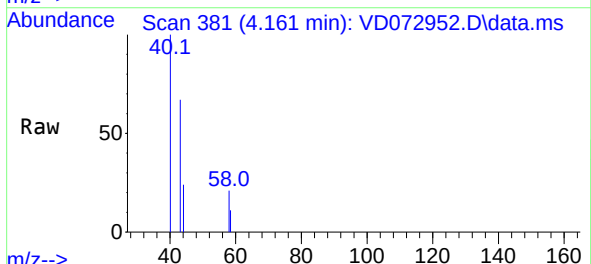
Instrument :
MSVOA_D
ClientSampleId :
P018-SS001-2430-01

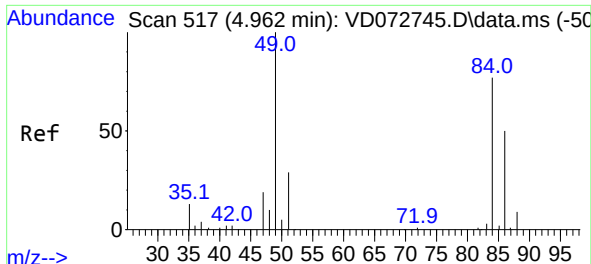
Tgt Ion: 59 Resp: 9762
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: Below Cal
RT: 4.161 min Scan# 381
Delta R.T. 0.011 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

Tgt Ion: 43 Resp: 4776
Ion Ratio Lower Upper
43 100
58 48.3 22.1 33.1#



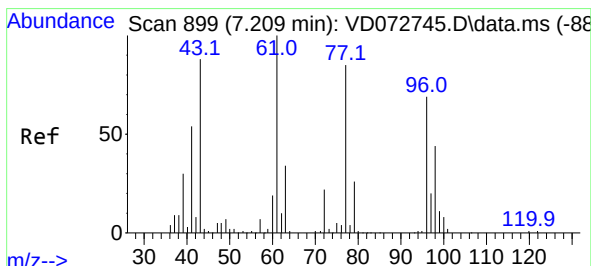
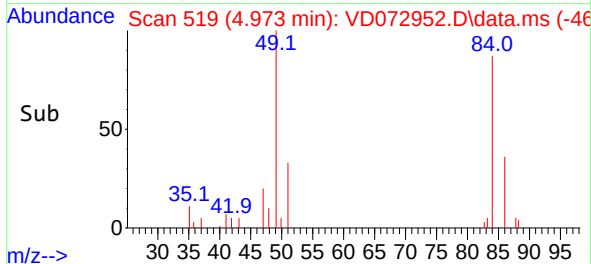
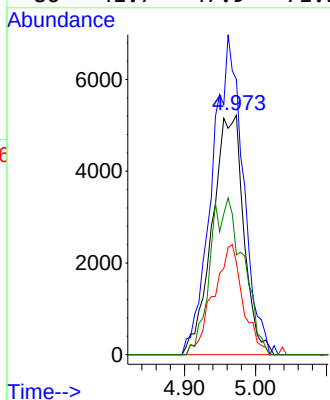
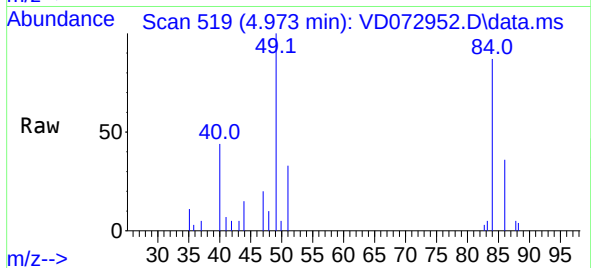


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 517
Delta R.T. 0.011 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

Instrument :
MSVOA_D
ClientSampleId :
P018-SS001-2430-01

Tgt Ion: 84 Resp: 16085

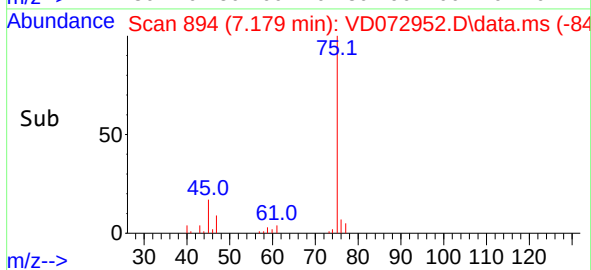
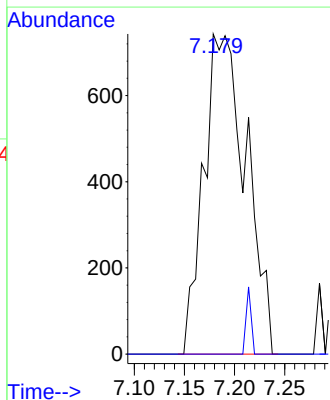
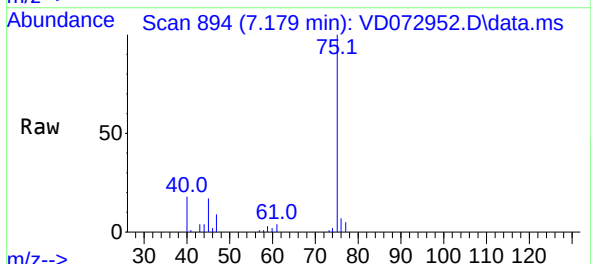
Ion	Ratio	Lower	Upper
84	100		
49	114.9	112.8	169.2
51	38.4	32.6	48.8
86	41.7	47.9	71.9#

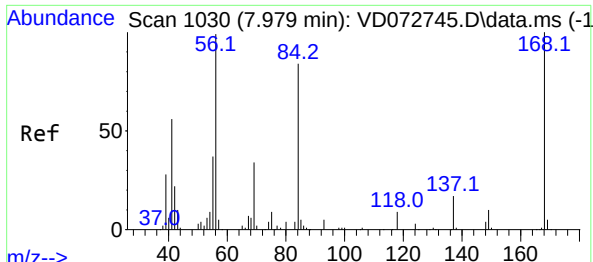


#25
2-Butanone
Concen: 1.761 ug/l
RT: 7.179 min Scan# 894
Delta R.T. -0.030 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

Tgt Ion: 43 Resp: 2189

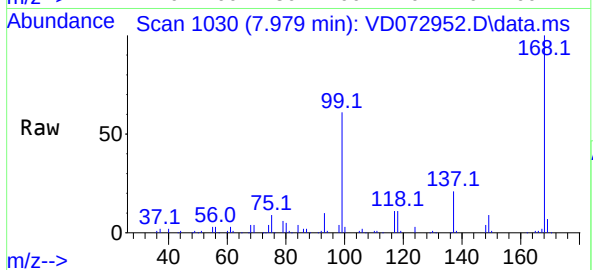
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#



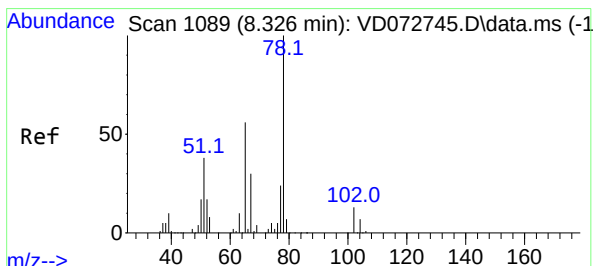
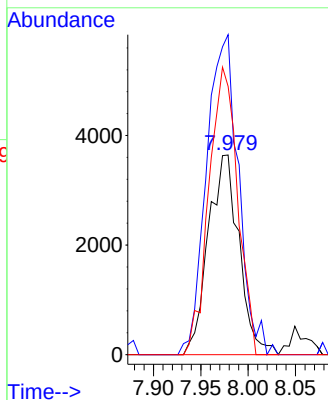
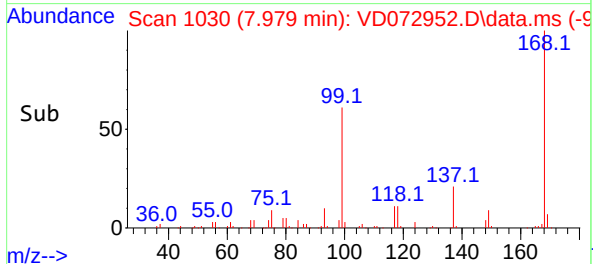


#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

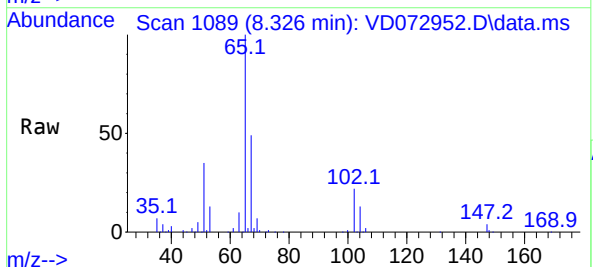
Instrument :
MSVOA_D
ClientSampleId :
P018-SS001-2430-01



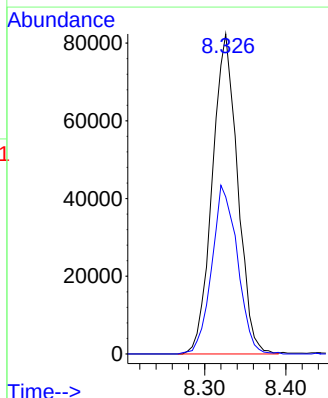
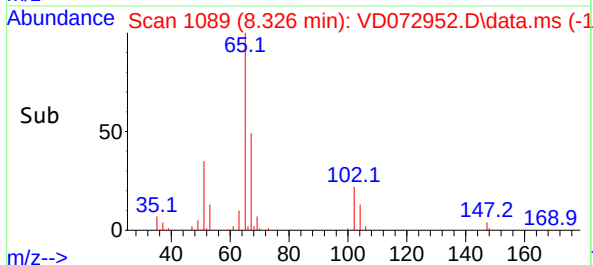
Tgt Ion: 56 Resp: 8237
Ion Ratio Lower Upper
56 100
69 160.3 25.4 38.2#
84 134.4 63.0 94.4#

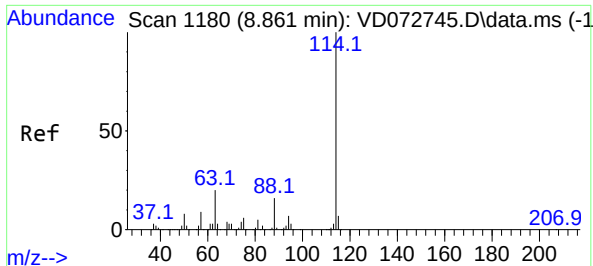


#33
1,2-Dichloroethane-d4
Concen: 41.792 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21



Tgt Ion: 65 Resp: 178338
Ion Ratio Lower Upper
65 100
67 53.4 0.0 101.4

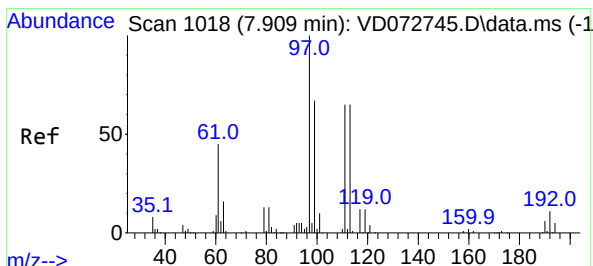
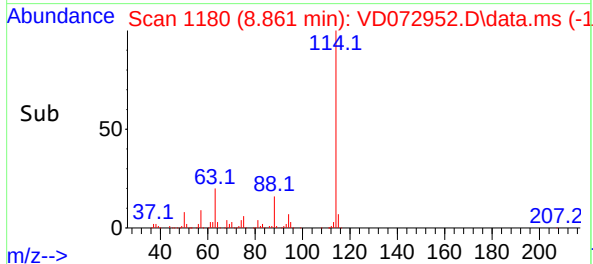
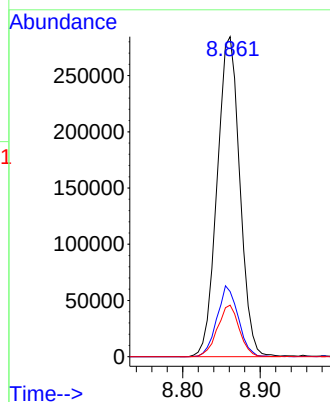
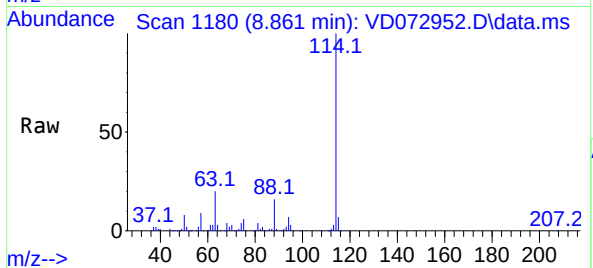




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

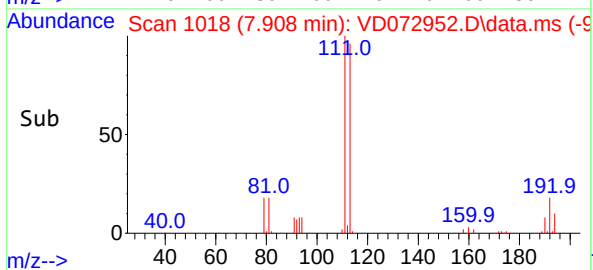
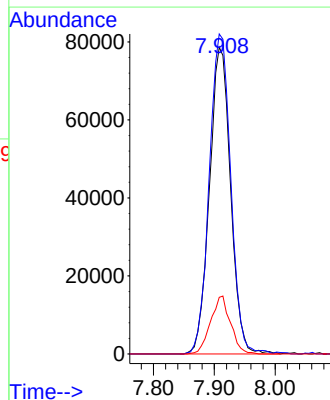
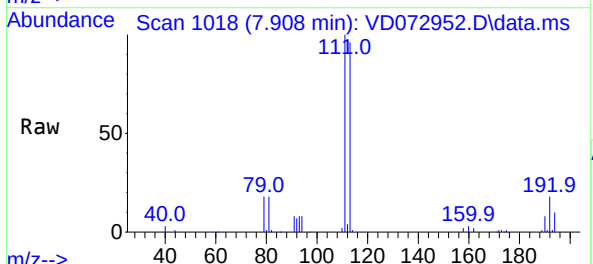
Instrument :
MSVOA_D
ClientSampleId :
P018-SS001-2430-01

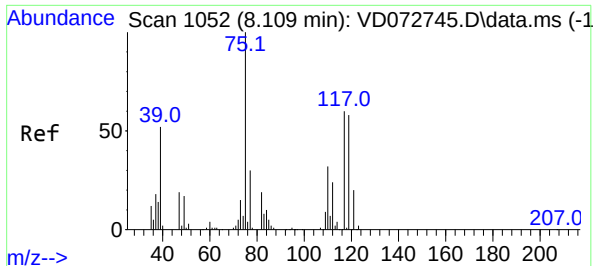
Tgt Ion:	114	Resp:	579620
Ion Ratio	Lower	Upper	
114	100		
63	20.3	0.0	46.6
88	16.1	0.0	33.2



#35
Dibromofluoromethane
Concen: 46.538 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

Tgt Ion:	113	Resp:	189444
Ion Ratio	Lower	Upper	
113	100		
111	105.8	83.8	125.6
192	17.8	14.6	21.8





#36

1,1-Dichloropropene

Concen: 4.184 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072952.D

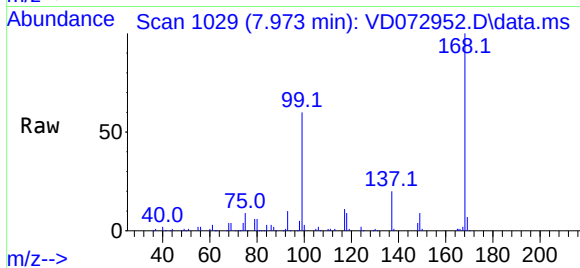
Acq: 12 May 2022 17:21

Instrument :

MSVOA_D

ClientSampleId :

P018-SS001-2430-01



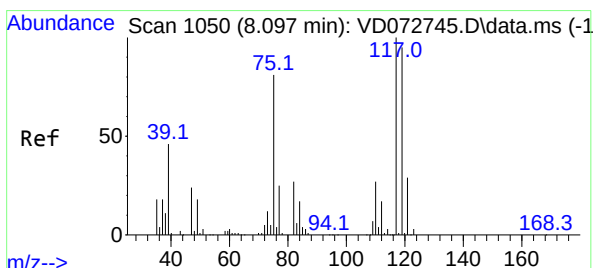
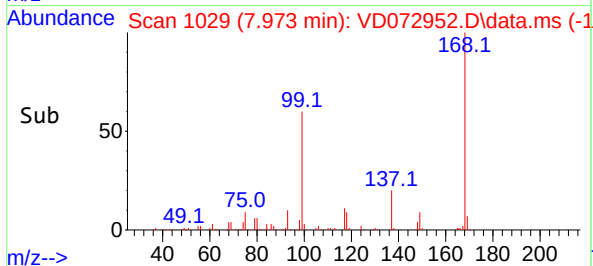
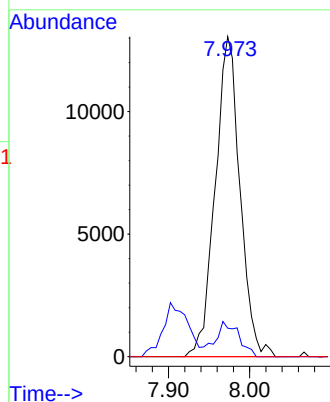
Tgt Ion: 75 Resp: 27697

Ion Ratio Lower Upper

75 100

110 10.0 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.096 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD072952.D

Acq: 12 May 2022 17:21

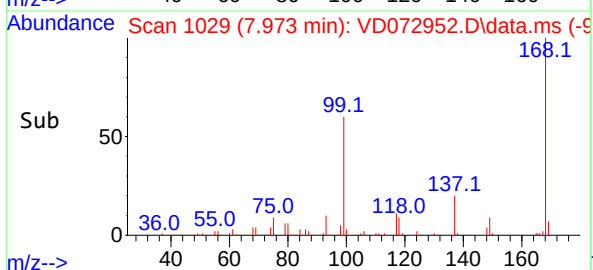
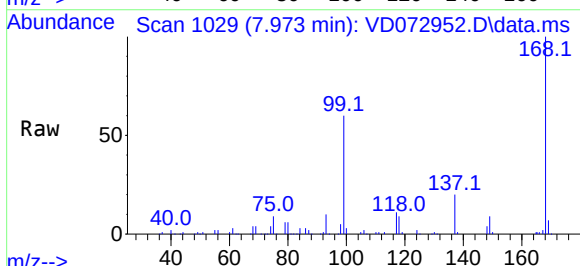
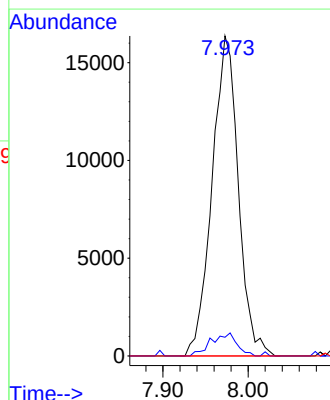
Tgt Ion: 117 Resp: 35018

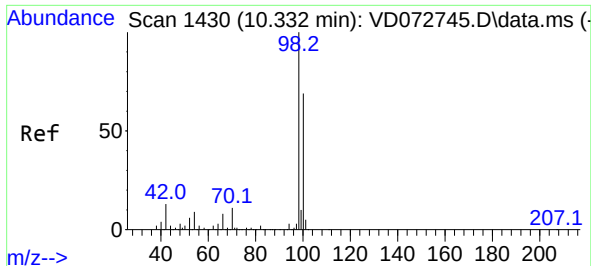
Ion Ratio Lower Upper

117 100

119 5.8 75.8 113.6#

121 0.0 24.5 36.7#

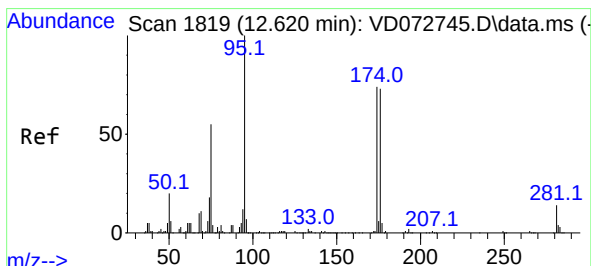
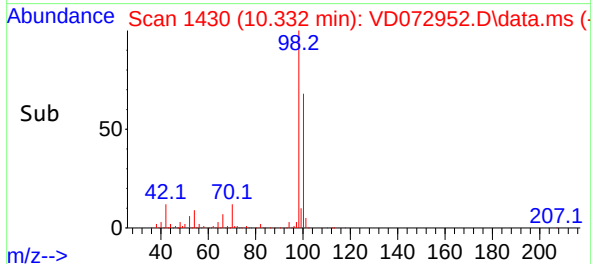
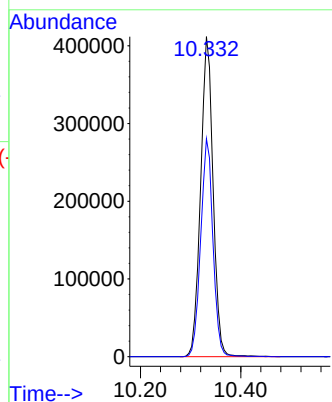
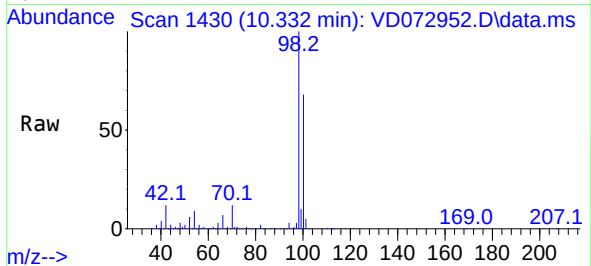




#50
Toluene-d8
Concen: 48.525 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

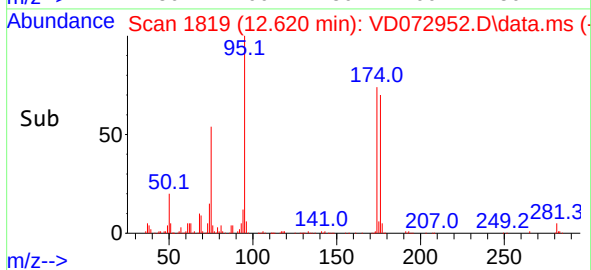
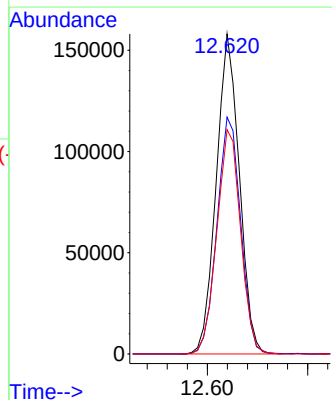
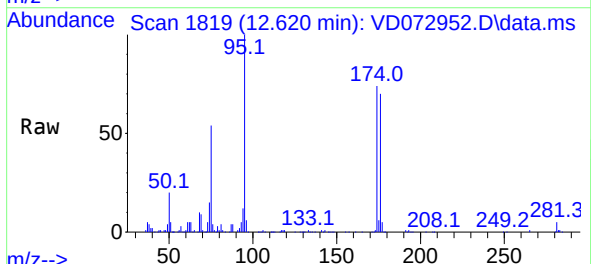
Instrument :
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P018-SS001-2430-01

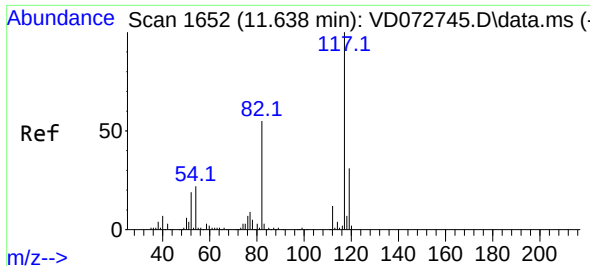
Tgt Ion: 98 Resp: 708564
Ion Ratio Lower Upper
98 100
100 67.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.308 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

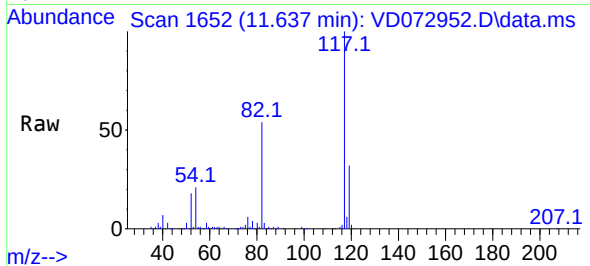
Tgt Ion: 95 Resp: 252136
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 72.1 0.0 145.4



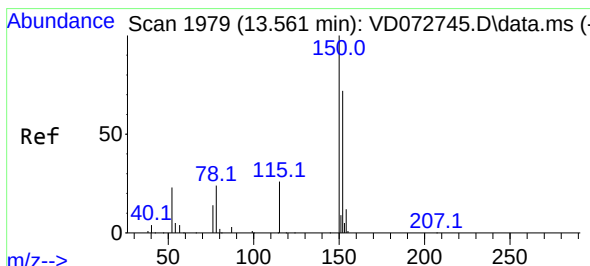
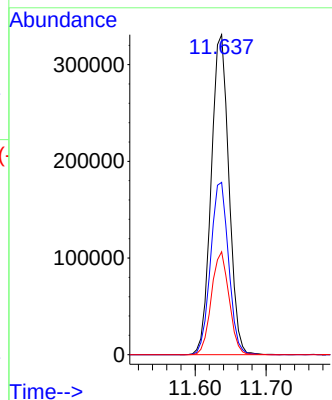
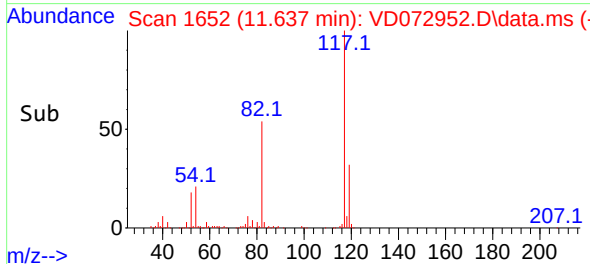


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

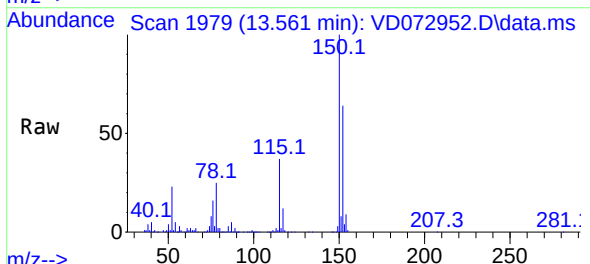
Instrument :
MSVOA_D
ClientSampleId :
P018-SS001-2430-01



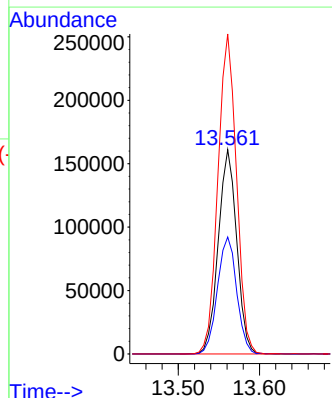
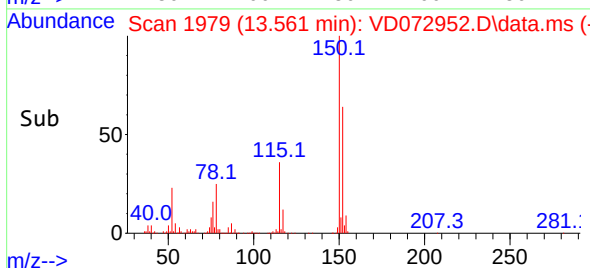
Tgt Ion:117 Resp: 571854
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 32.2 26.6 40.0

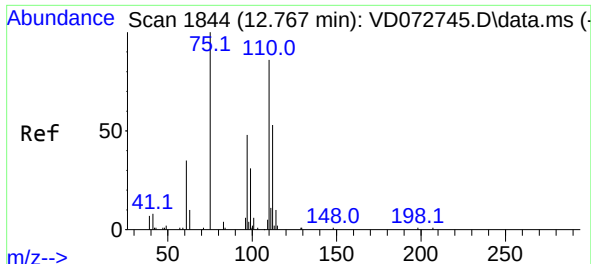


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21



Tgt Ion:152 Resp: 255089
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 156.9 0.0 348.6

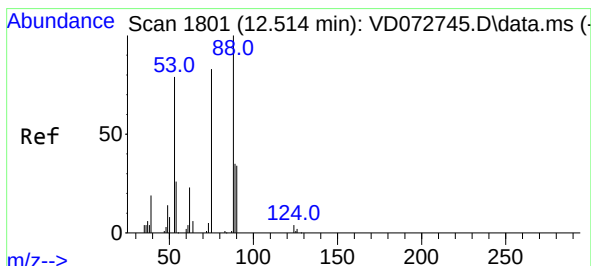
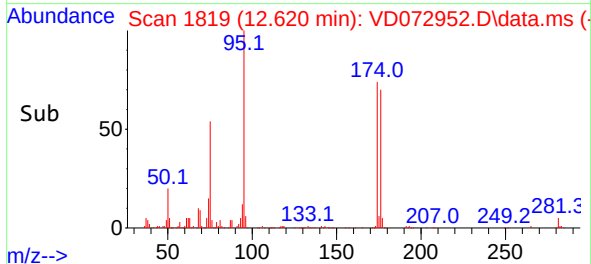
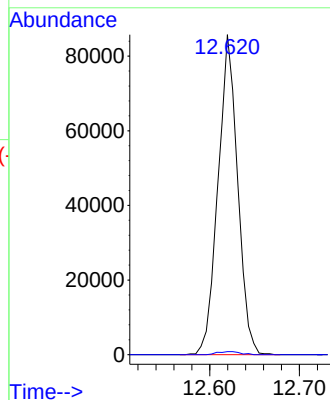
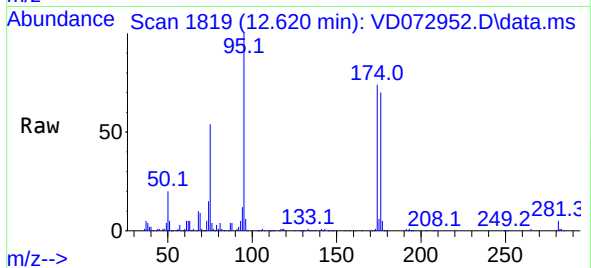




#76
1,2,3-Trichloropropane
Concen: 45.719 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

Instrument :
MSVOA_D
ClientSampleId :
P018-SS001-2430-01

Tgt Ion: 75 Resp: 130043
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.135 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

Tgt Ion: 75 Resp: 130043
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#

