

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072963.D
 Acq On : 12 May 2022 22:40
 Operator : VA/SY
 Sample : N2817-05
 Misc : 5.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 13 05:59:23 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)

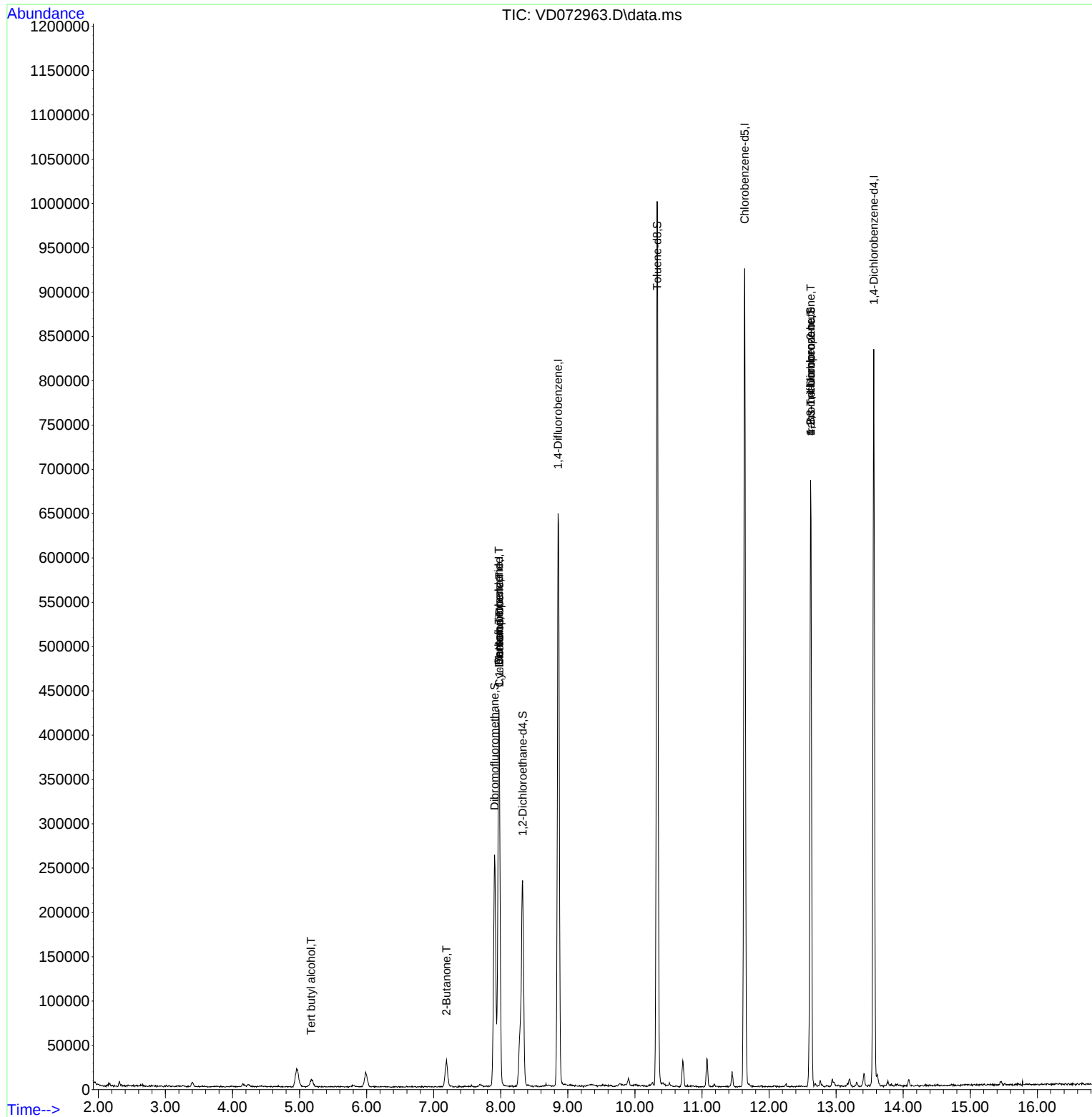
Internal Standards						
1) Pentafluorobenzene	7.973	168	302807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	547499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	539234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	216230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177955	45.273	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.540%
35) Dibromofluoromethane	7.908	113	186443	48.488	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.980%
50) Toluene-d8	10.331	98	673239	48.810	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.620%
62) 4-Bromofluorobenzene	12.620	95	225438	43.834	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.660%
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	536	Below Cal	#	1
11) Tert butyl alcohol	5.173	59	8054	23.682	ug/l #	74
16) Acetone	4.167	43	5358	Below Cal	#	78
18) Methyl Acetate	4.914	43	124	Below Cal	#	55
20) Methylene Chloride	4.961	84	16496	Below Cal	#	82
25) 2-Butanone	7.190	43	1870	1.633	ug/l #	52
31) Cyclohexane	7.979	56	7641	1.112	ug/l #	15
36) 1,1-Dichloropropene	7.979	75	26516	4.241	ug/l #	51
38) Carbon Tetrachloride	7.973	117	32050	4.938	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	116205	48.196	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	116205	110.831	ug/l #	7

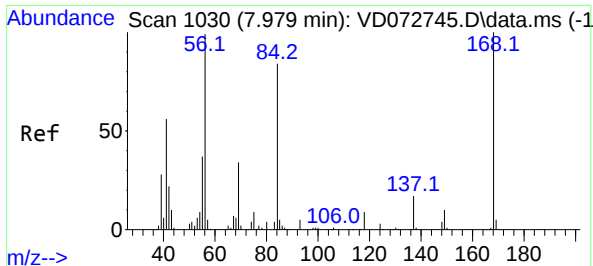
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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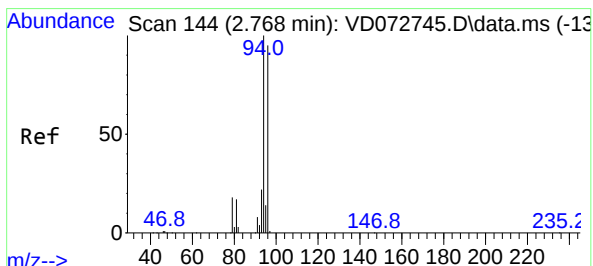
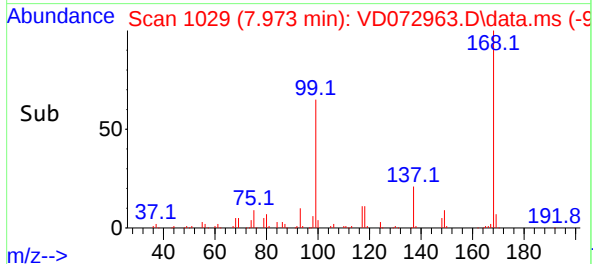
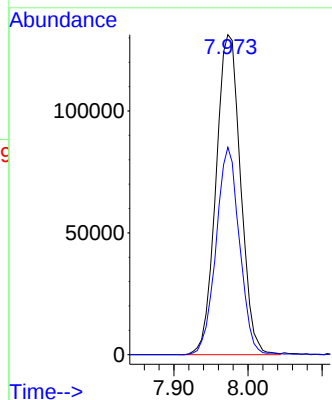
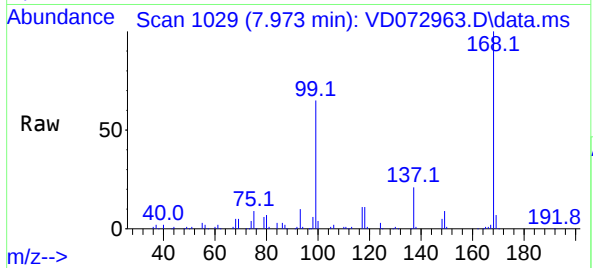




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

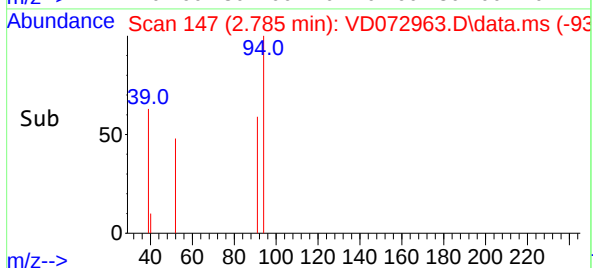
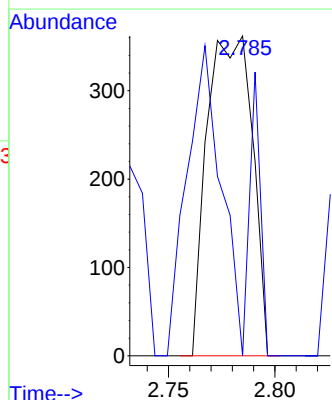
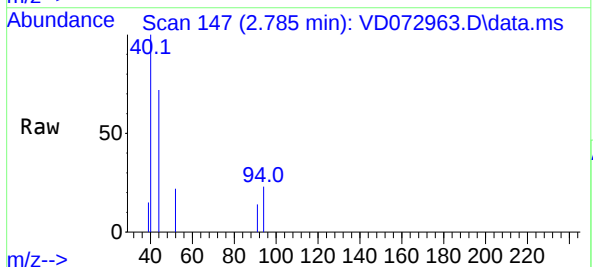
Instrument :
MSVOA_D
ClientSampleId :

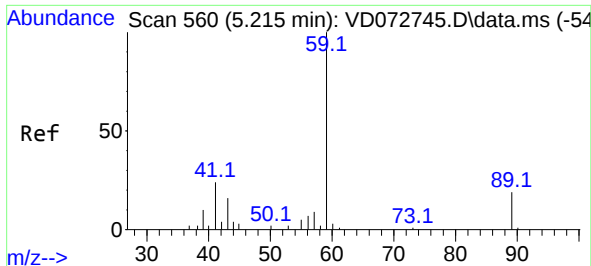
Tgt Ion:168 Resp: 302807
Ion Ratio Lower Upper
168 100
99 64.8 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

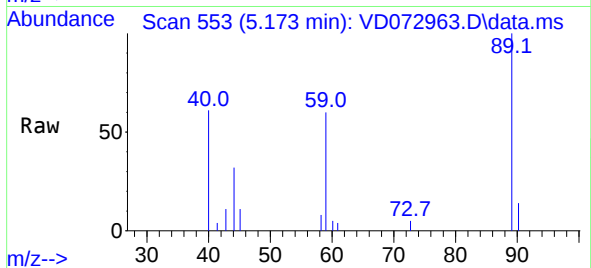
Tgt Ion: 94 Resp: 536
Ion Ratio Lower Upper
94 100
96 0.0 77.6 116.4#



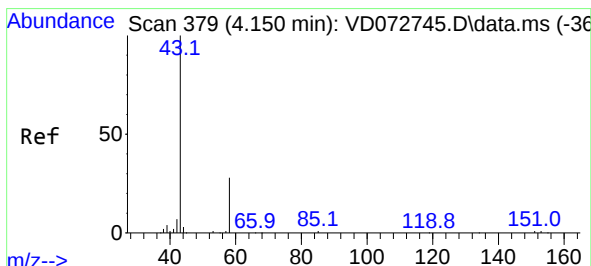
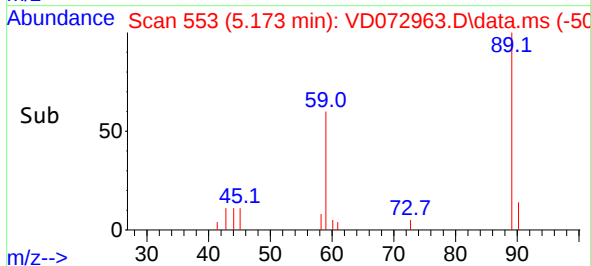
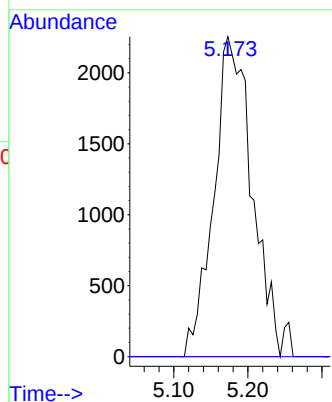


#11
Tert butyl alcohol
Concen: 23.682 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.042 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

Instrument :
MSVOA_D
ClientSampleId :

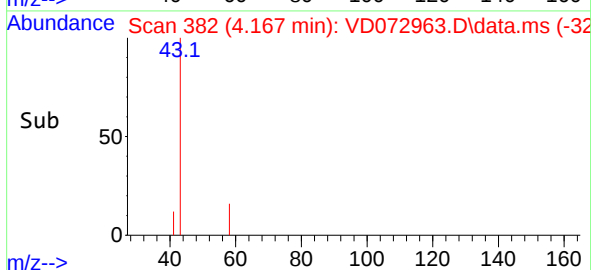
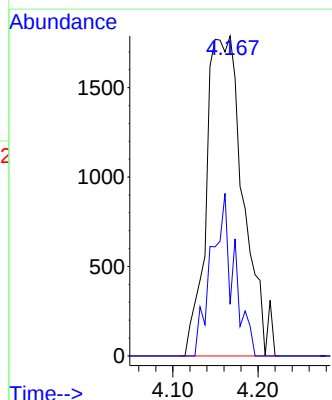
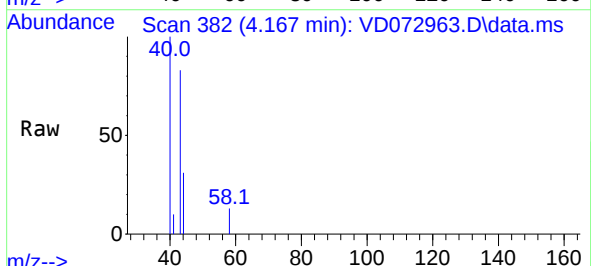


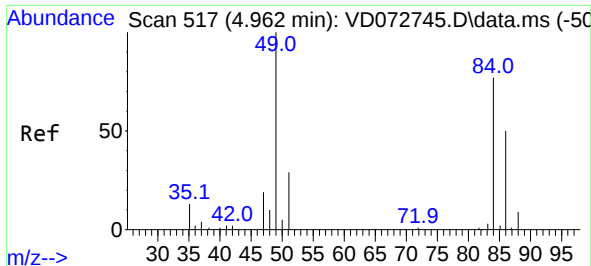
Tgt Ion: 59 Resp: 8054
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: Below Cal
RT: 4.167 min Scan# 382
Delta R.T. 0.017 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

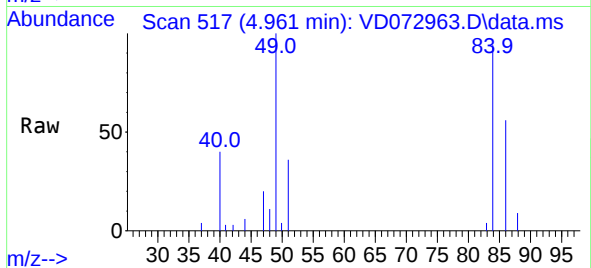
Tgt Ion: 43 Resp: 5358
Ion Ratio Lower Upper
43 100
58 16.2 22.1 33.1#





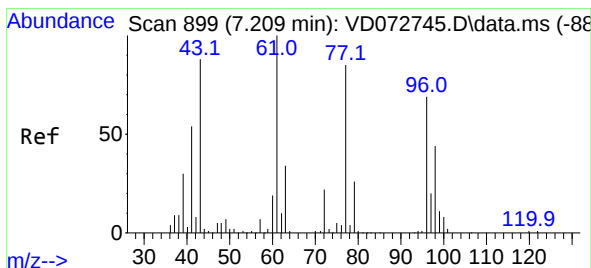
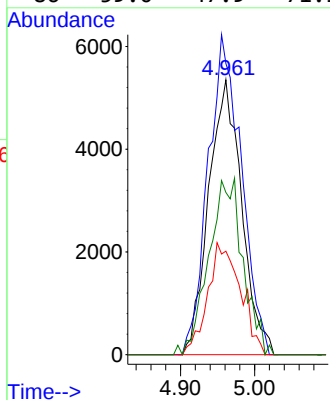
#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 16496

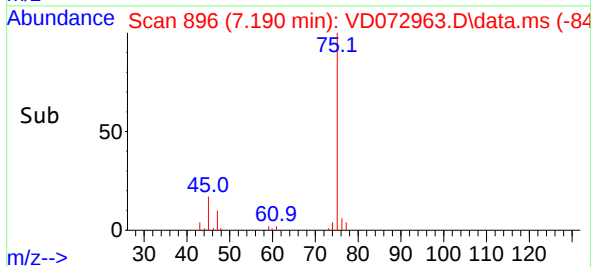
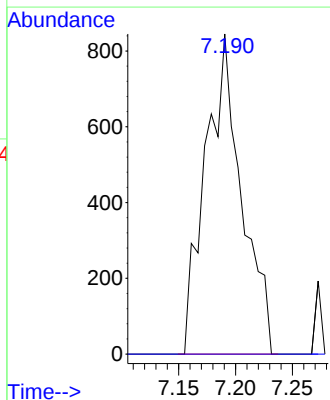
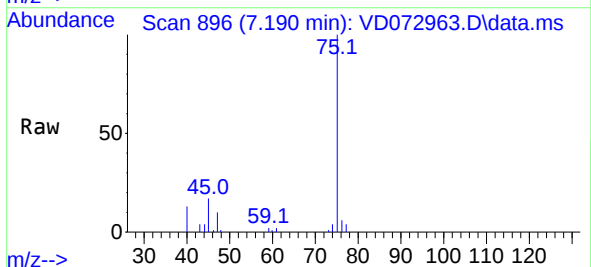
Ion	Ratio	Lower	Upper
84	100		
49	105.9	112.8	169.2#
51	37.7	32.6	48.8
86	59.0	47.9	71.9

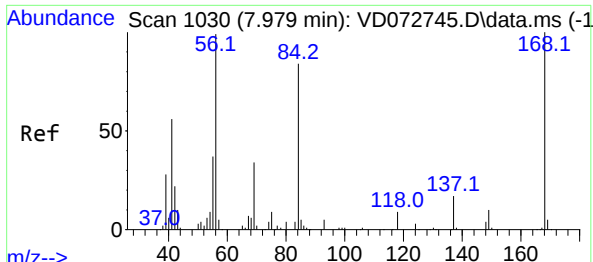


#25
2-Butanone
Concen: 1.633 ug/l
RT: 7.190 min Scan# 896
Delta R.T. -0.019 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

Tgt Ion: 43 Resp: 1870

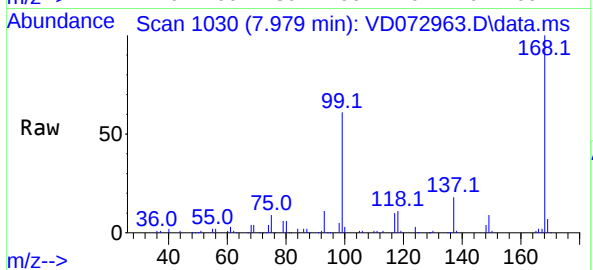
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#



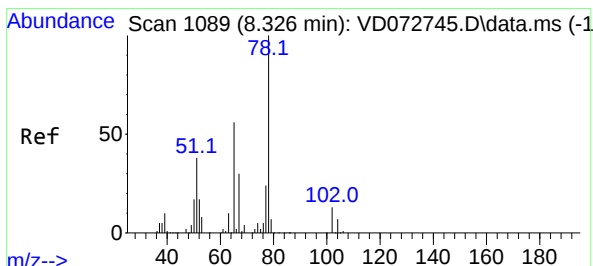
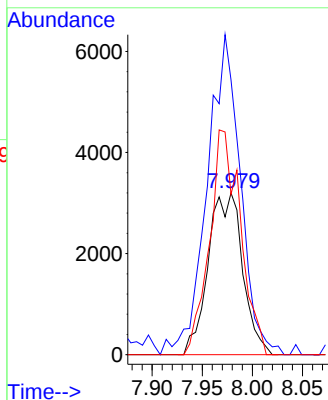
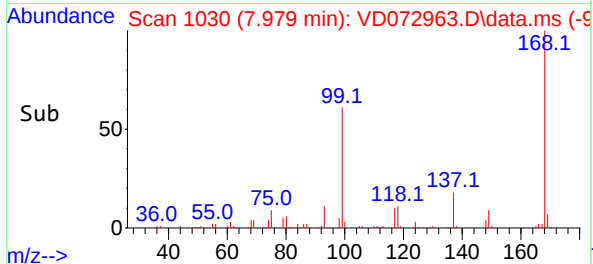


#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

Instrument :
MSVOA_D
ClientSampleId :

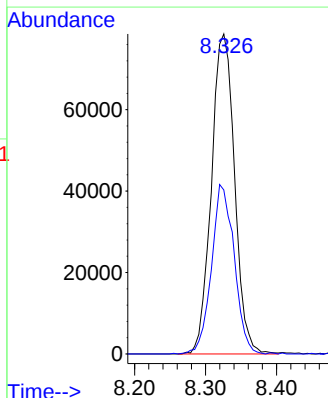
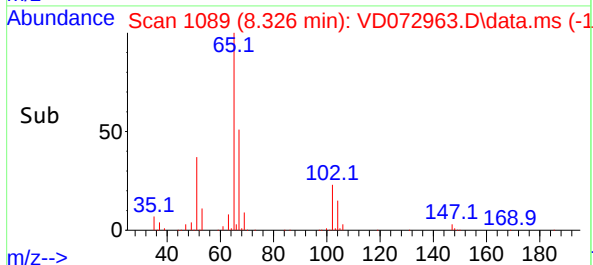
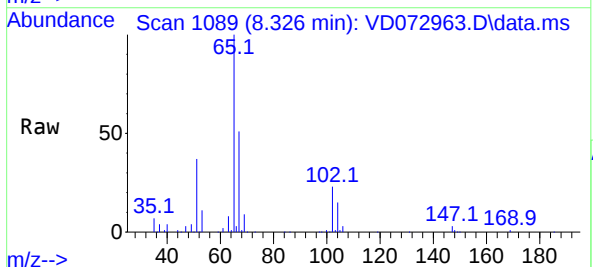


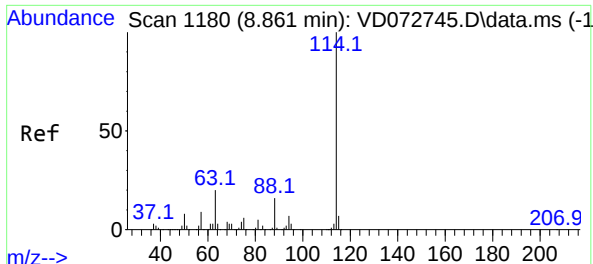
Tgt Ion: 56 Resp: 7641
Ion Ratio Lower Upper
56 100
69 164.5 25.4 38.2#
84 99.1 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 45.273 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

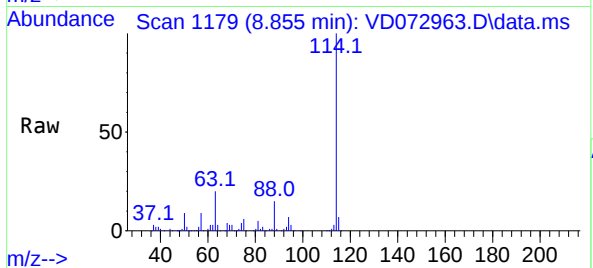
Tgt Ion: 65 Resp: 177955
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.4



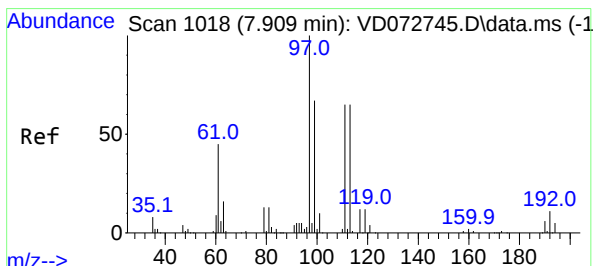
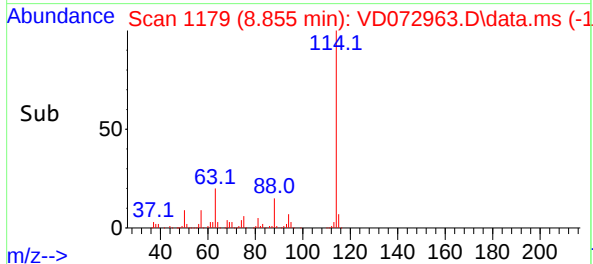
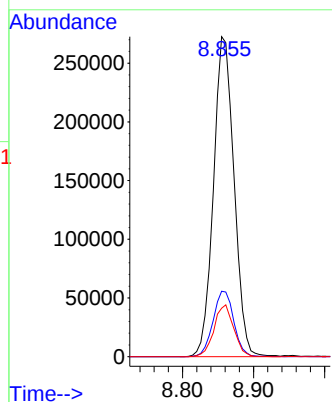


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

Instrument :
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ClientSampleId :

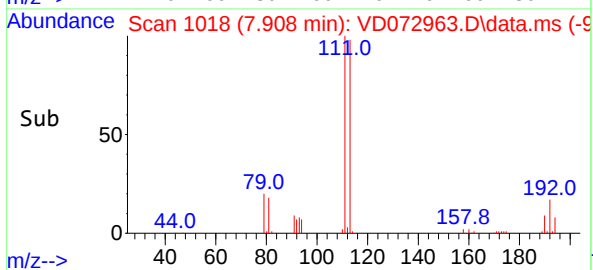
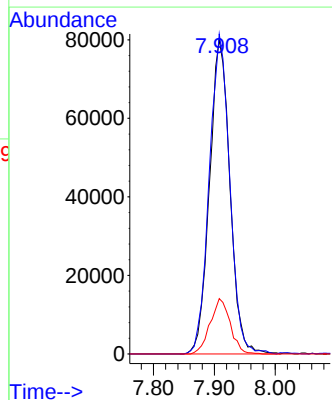
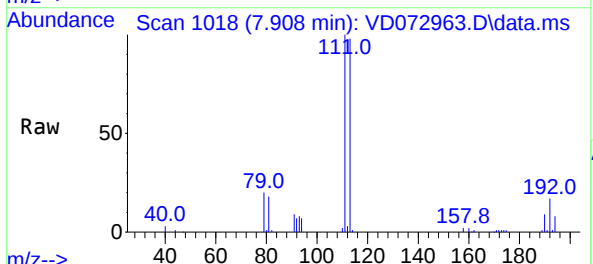


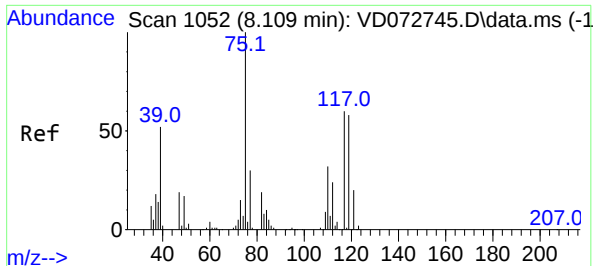
Tgt Ion:114 Resp: 547499
Ion Ratio Lower Upper
114 100
63 20.5 0.0 46.6
88 15.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.488 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

Tgt Ion:113 Resp: 186443
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 17.3 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.241 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. -0.130 min

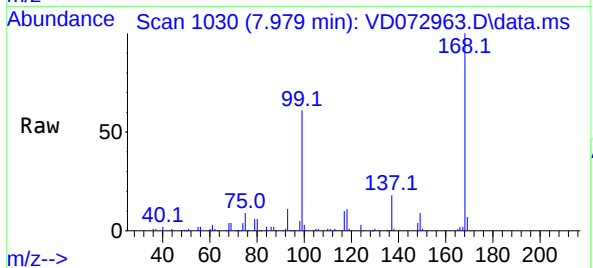
Lab File: VD072963.D

Acq: 12 May 2022 22:40

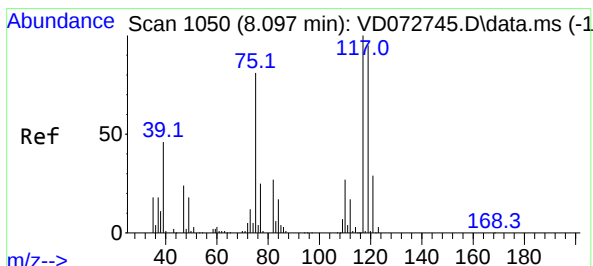
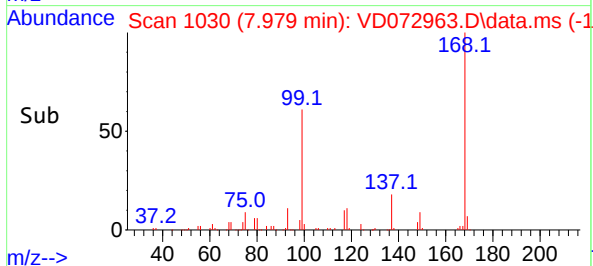
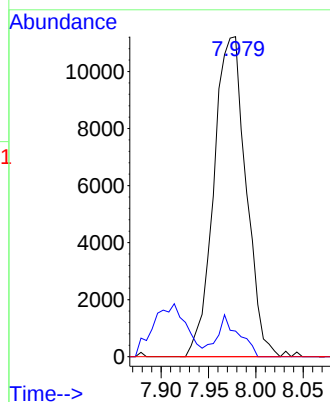
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 26516
Ion Ratio	Lower Upper
75	100
110	8.9 16.4 49.1#
77	0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.938 ug/l

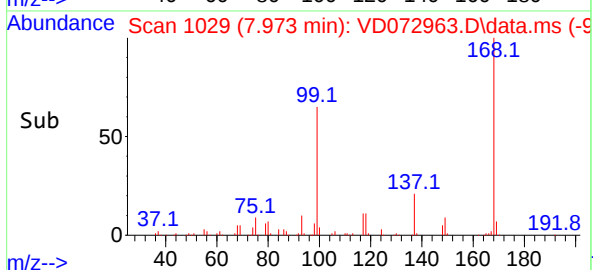
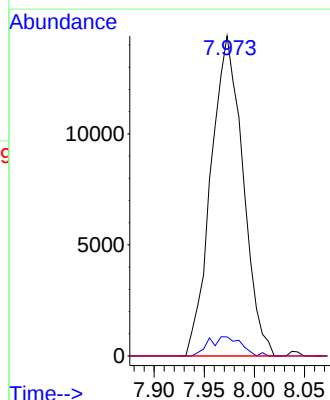
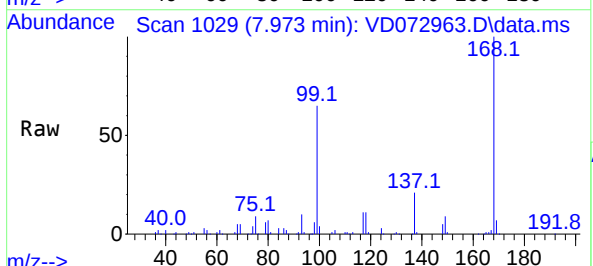
RT: 7.973 min Scan# 1029

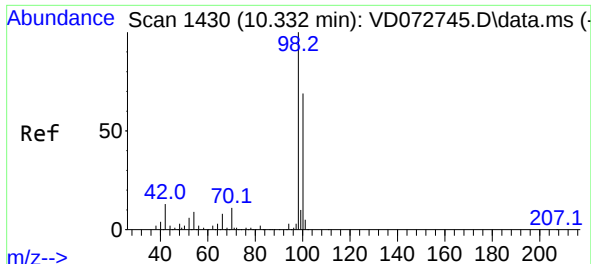
Delta R.T. -0.124 min

Lab File: VD072963.D

Acq: 12 May 2022 22:40

Tgt Ion: 117	Resp: 32050
Ion Ratio	Lower Upper
117	100
119	5.9 75.8 113.6#
121	0.0 24.5 36.7#

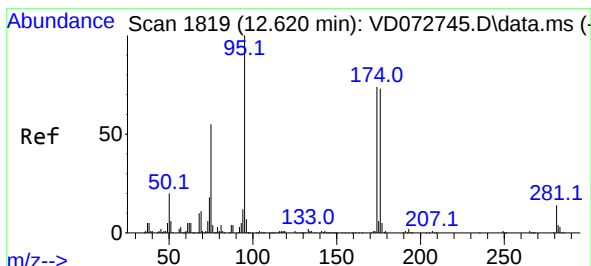
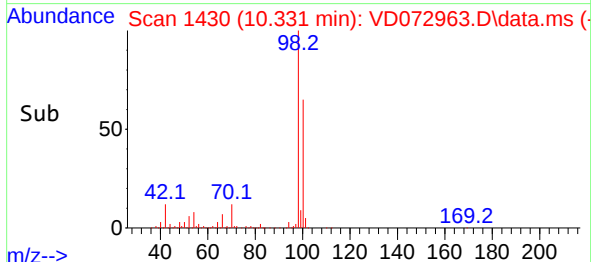
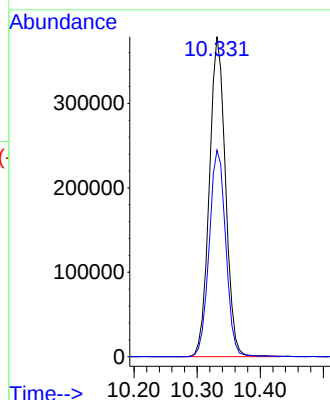
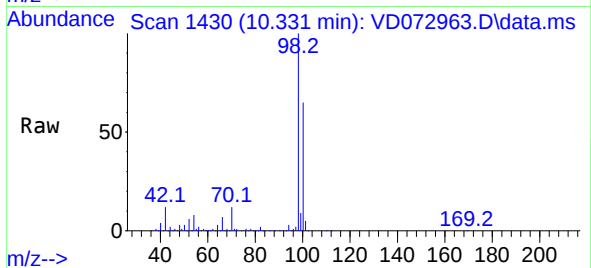




#50
Toluene-d8
Concen: 48.810 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.001 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

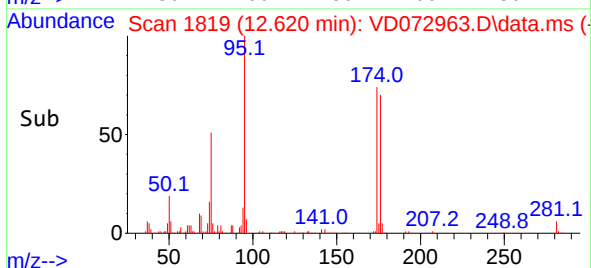
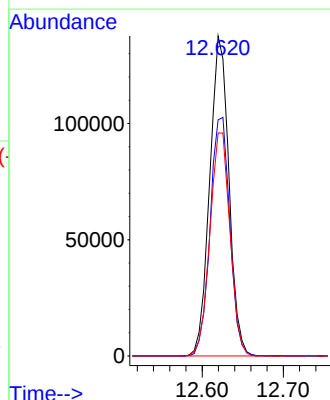
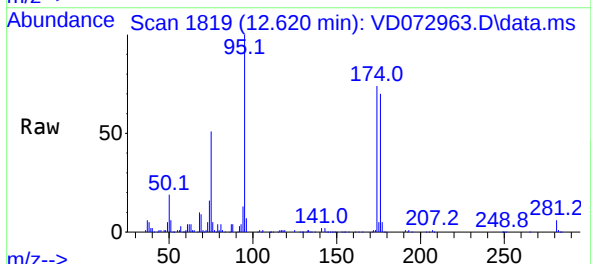
Instrument :
MSVOA_D
ClientSampleId :

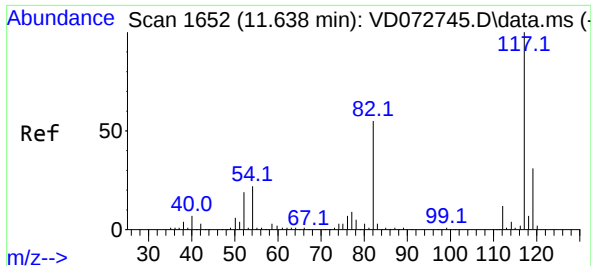
Tgt Ion: 98 Resp: 673239
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 43.834 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

Tgt Ion: 95 Resp: 225438
Ion Ratio Lower Upper
95 100
174 76.7 0.0 152.8
176 73.2 0.0 145.4

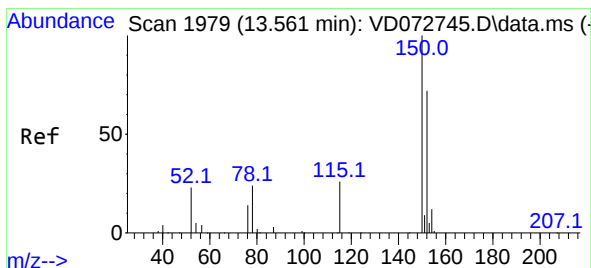
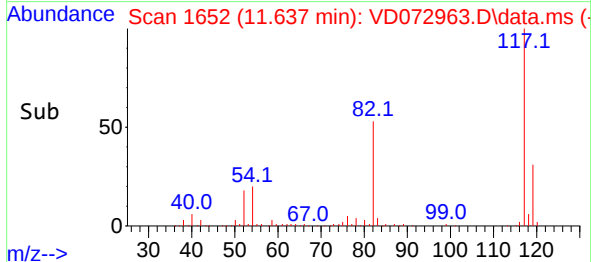
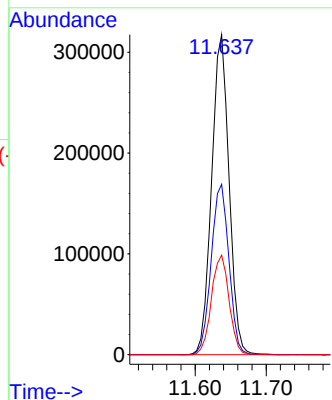
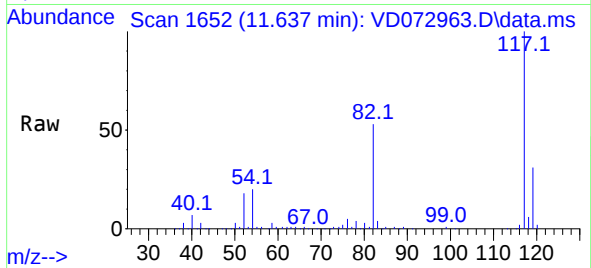




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

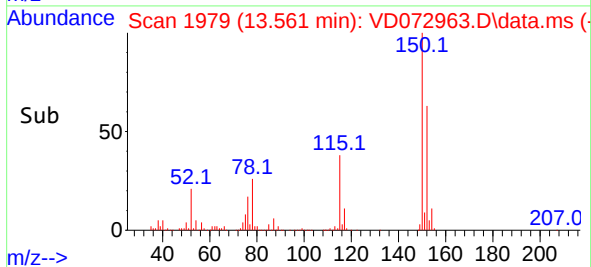
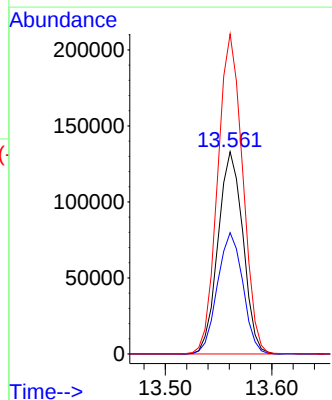
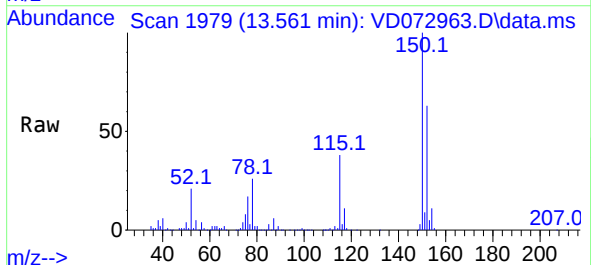
Instrument :
MSVOA_D
ClientSampleId :

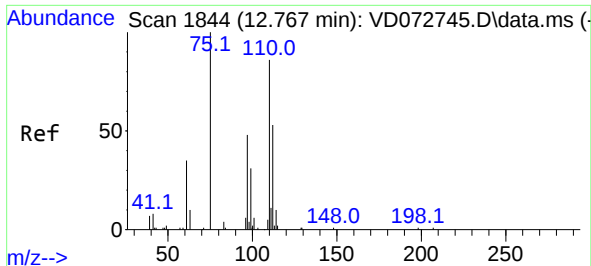
Tgt Ion:117 Resp: 539234
Ion Ratio Lower Upper
117 100
82 53.3 45.3 67.9
119 31.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

Tgt Ion:152 Resp: 216230
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 158.8 0.0 348.6

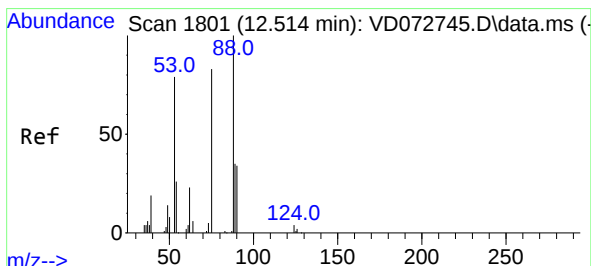
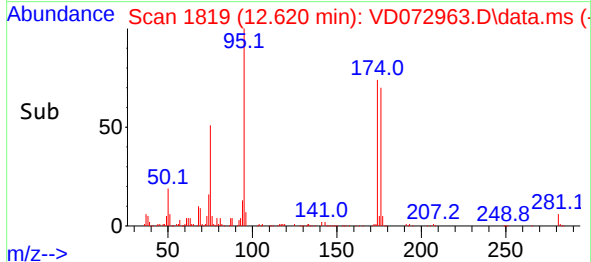
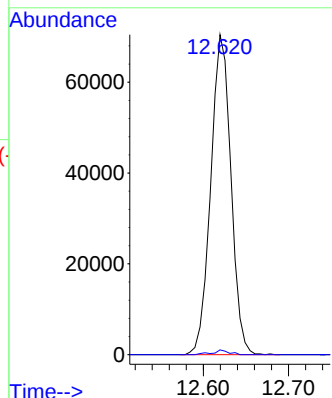
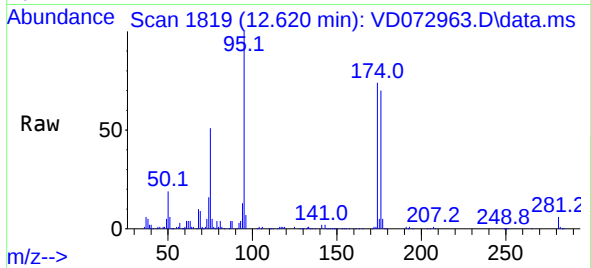




#76
1,2,3-Trichloropropane
Concen: 48.196 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 116205
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.831 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072963.D
Acq: 12 May 2022 22:40

Tgt Ion: 75 Resp: 116205
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#

