

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
 Data File : VD073530.D
 Acq On : 10 Jun 2022 16:03
 Operator : VA/SY
 Sample : N3299-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COM-4

Quant Time: Jun 10 23:06:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

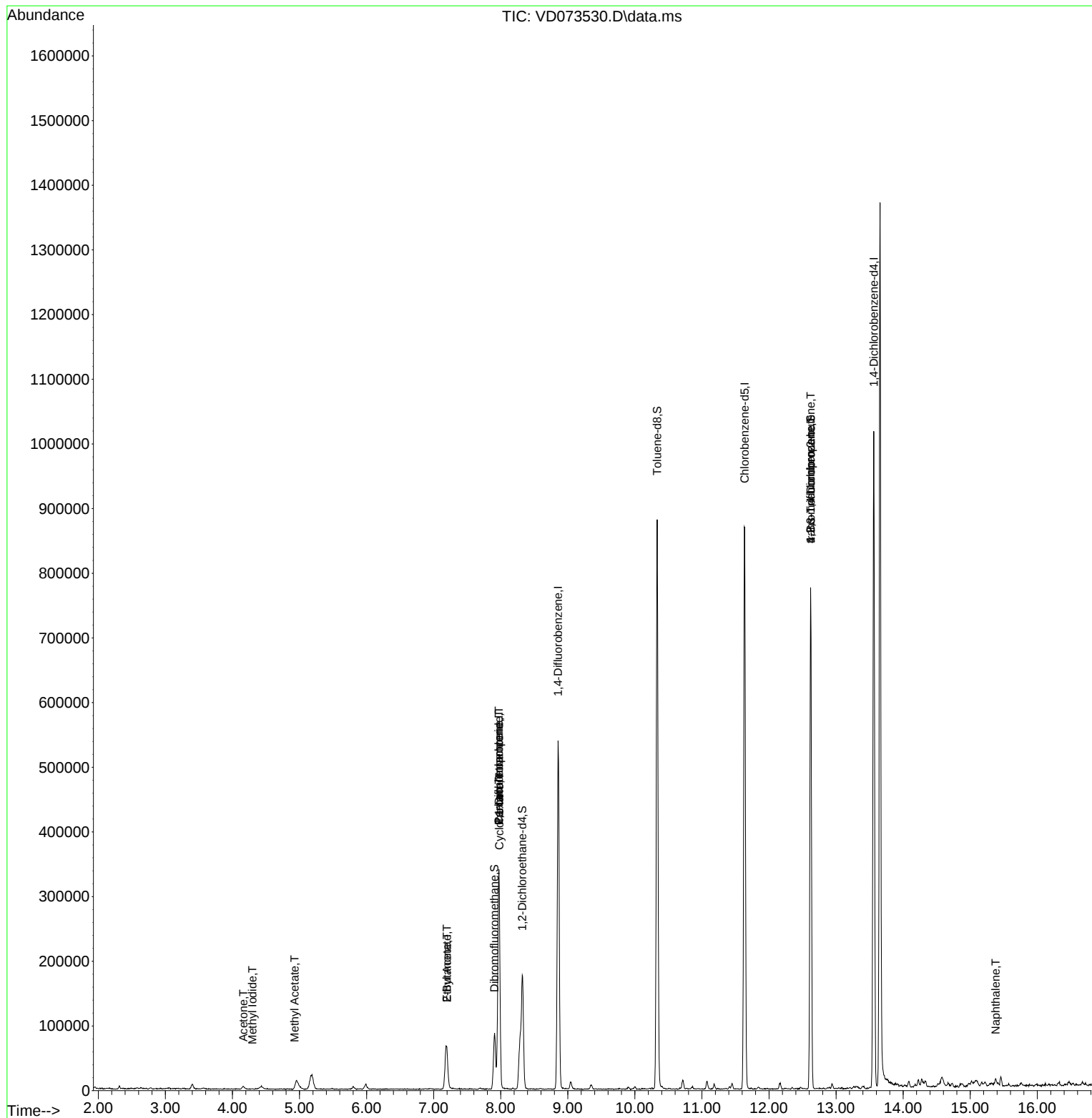
Internal Standards						
1) Pentafluorobenzene	7.973	168	249922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	461461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	537925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	276155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	133203	49.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.340%
35) Dibromofluoromethane	7.903	113	64027	21.577	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	43.160%#
50) Toluene-d8	10.332	98	587626	52.376	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.760%
62) 4-Bromofluorobenzene	12.620	95	260897	64.057	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	128.120%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	523	4.328	ug/l #	74
11) Tert butyl alcohol	5.185	59	20517	Below Cal	#	76
16) Acetone	4.162	43	7329	15.520	ug/l	93
18) Methyl Acetate	4.926	43	513	1.744	ug/l #	55
25) 2-Butanone	7.197	43	4025	5.793	ug/l #	88
31) Cyclohexane	7.979	56	6125	1.356	ug/l #	14
36) 1,1-Dichloropropene	7.973	75	20510	4.602	ug/l #	52
37) Ethyl Acetate	7.197	43	4025	2.236	ug/l #	1
38) Carbon Tetrachloride	7.973	117	26156	5.610	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	130012	48.462	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	130012	113.749	ug/l #	7
95) Naphthalene	15.379	128	10008	5.123	ug/l	99

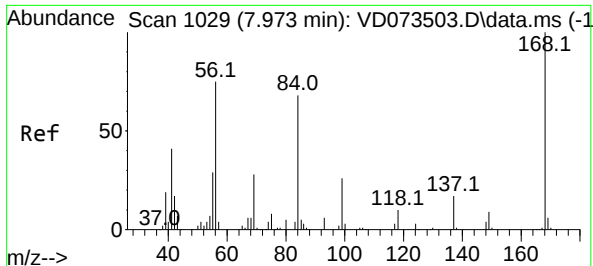
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
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Quant Time: Jun 10 23:06:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

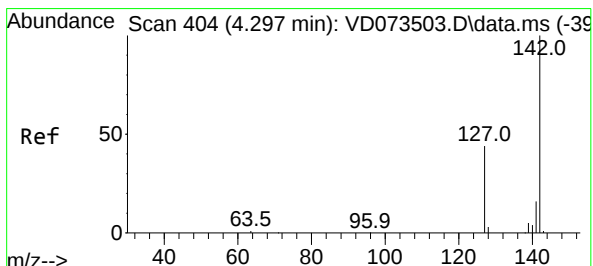
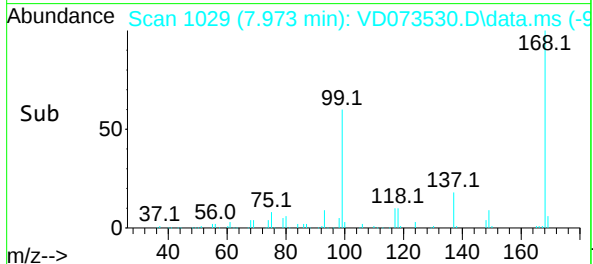
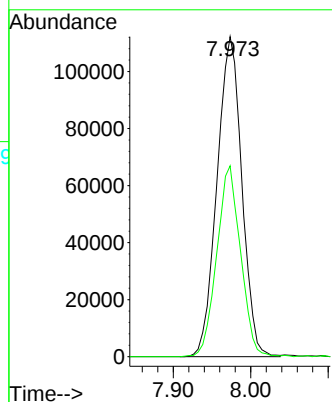
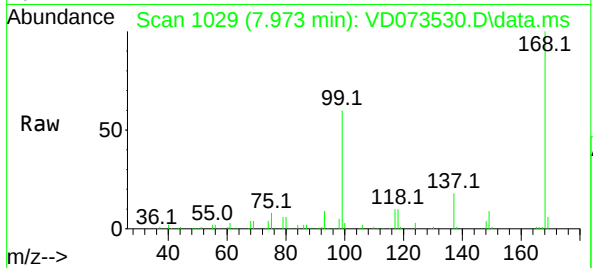




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073530.D
Acq: 10 Jun 2022 16:03

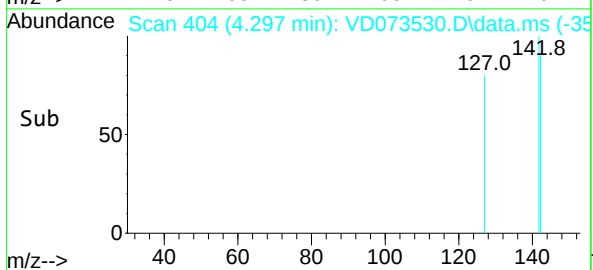
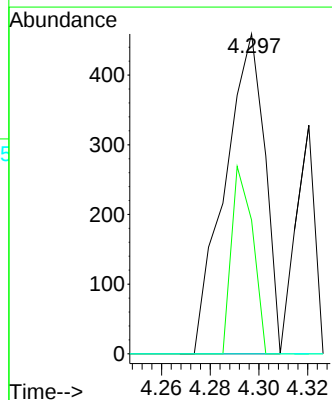
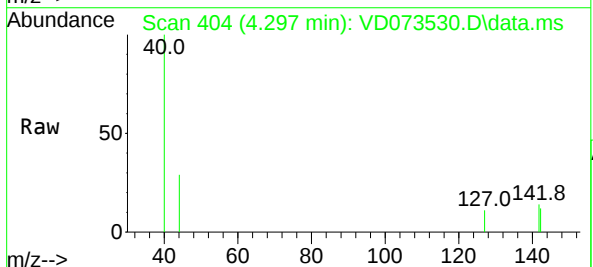
Instrument :
MSVOA_D
ClientSampleId :
COM-4

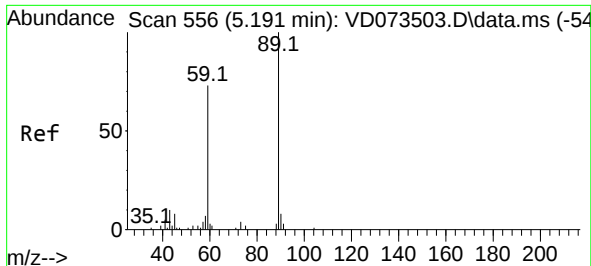
Tgt Ion:168 Resp: 249922
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#10
Methyl Iodide
Concen: 4.328 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073530.D
Acq: 10 Jun 2022 16:03

Tgt Ion:142 Resp: 523
Ion Ratio Lower Upper
142 100
127 31.2 37.3 55.9#
141 0.0 11.7 17.5#

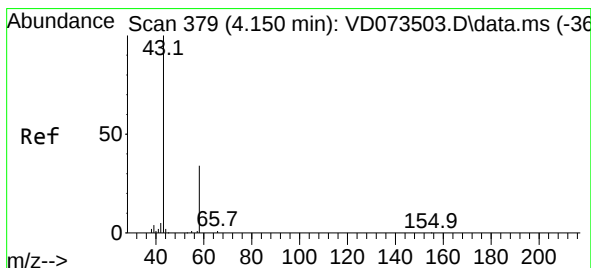
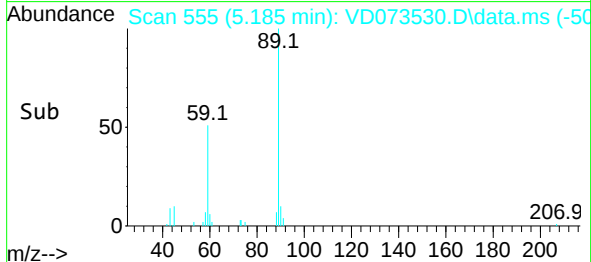
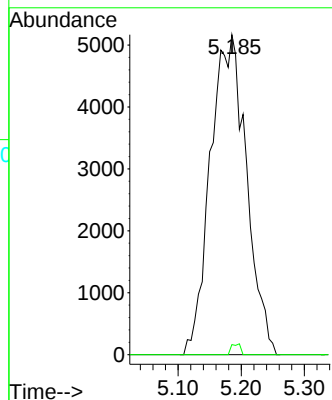
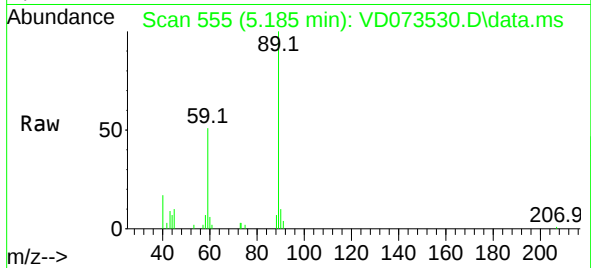




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073530.D
Acq: 10 Jun 2022 16:03

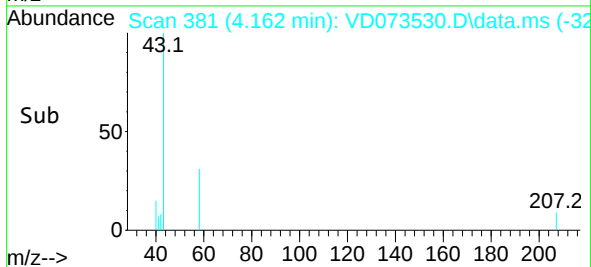
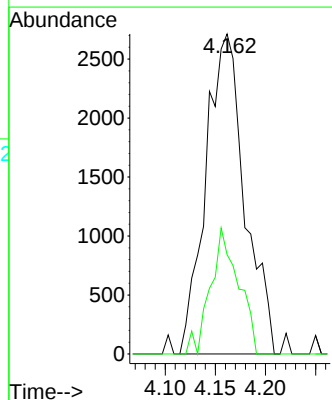
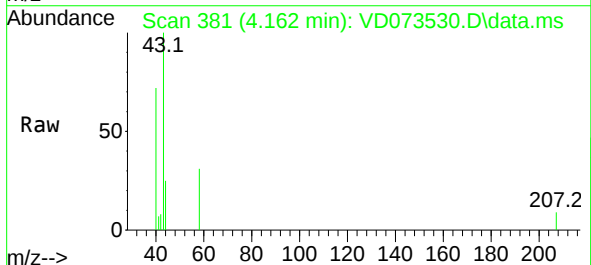
Instrument :
MSVOA_D
ClientSampleId :
COM-4

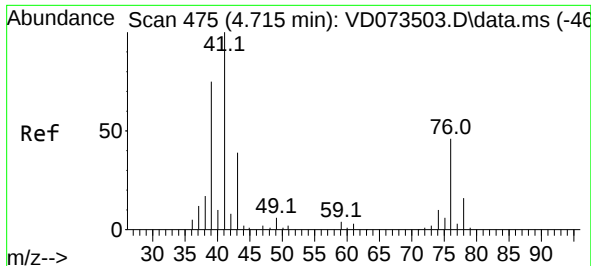
Tgt Ion: 59 Resp: 20517
Ion Ratio Lower Upper
59 100
57 0.8 7.8 11.6#



#16
Acetone
Concen: 15.520 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD073530.D
Acq: 10 Jun 2022 16:03

Tgt Ion: 43 Resp: 7329
Ion Ratio Lower Upper
43 100
58 31.1 22.1 33.1

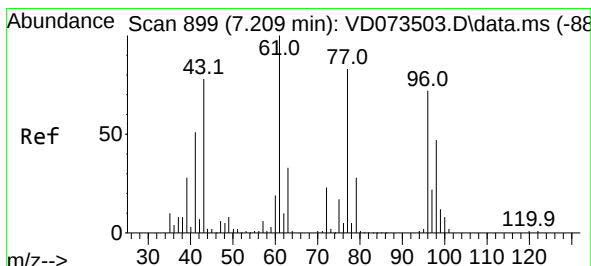
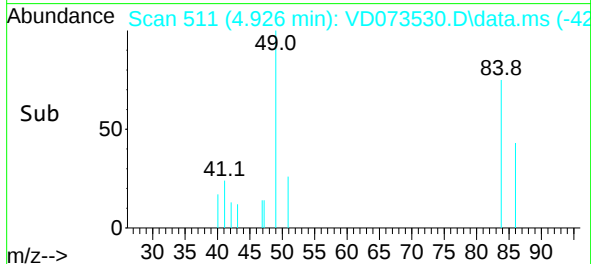
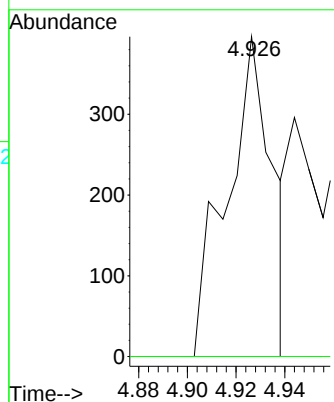
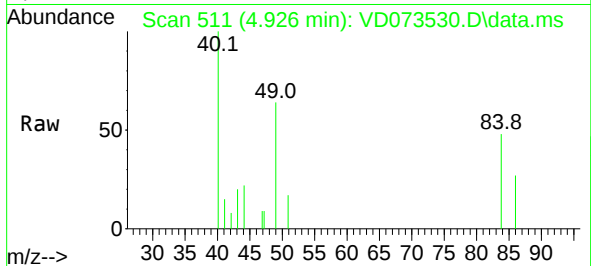




#18
Methyl Acetate
Concen: 1.744 ug/l
RT: 4.926 min Scan# 511
Delta R.T. 0.211 min
Lab File: VD073530.D
Acq: 10 Jun 2022 16:03

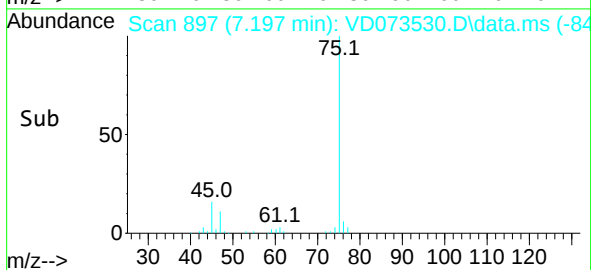
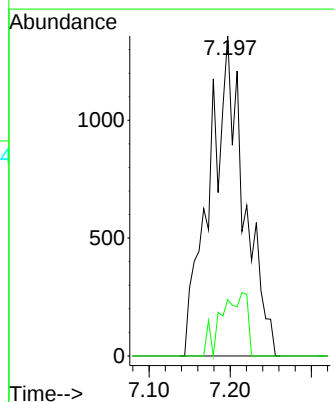
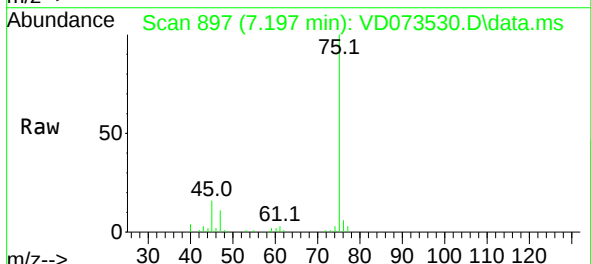
Instrument :
MSVOA_D
ClientSampleId :
COM-4

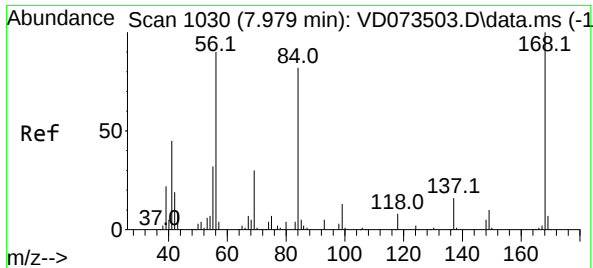
Tgt Ion: 43 Resp: 513
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#25
2-Butanone
Concen: 5.793 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.012 min
Lab File: VD073530.D
Acq: 10 Jun 2022 16:03

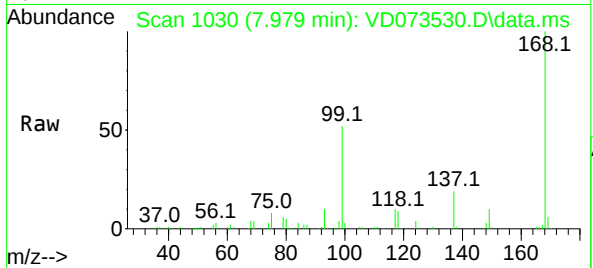
Tgt Ion: 43 Resp: 4025
Ion Ratio Lower Upper
43 100
72 17.6 18.6 27.8#



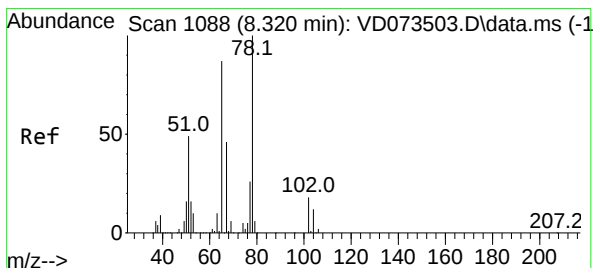
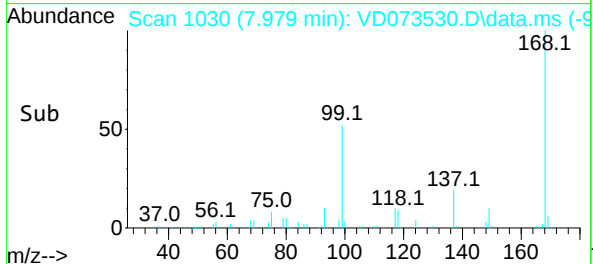
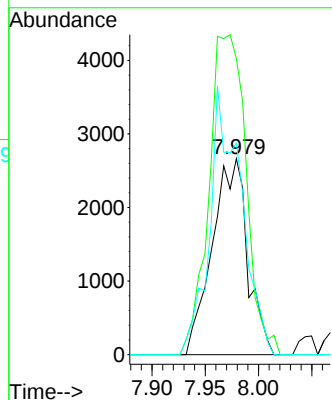


#31
Cyclohexane
Concen: 1.356 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073530.D
Acq: 10 Jun 2022 16:03

Instrument :
MSVOA_D
ClientSampleId :
COM-4

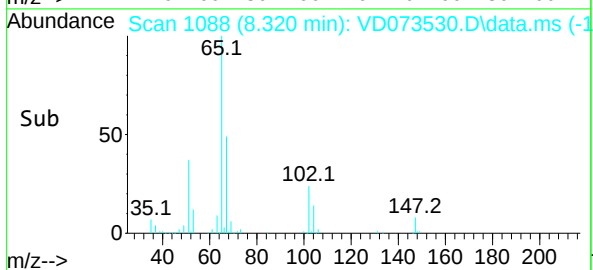
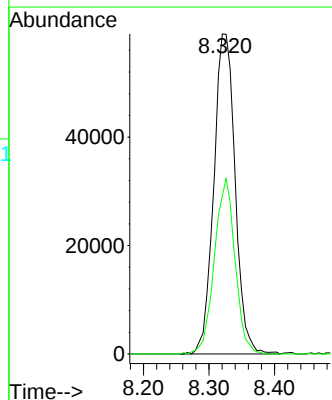
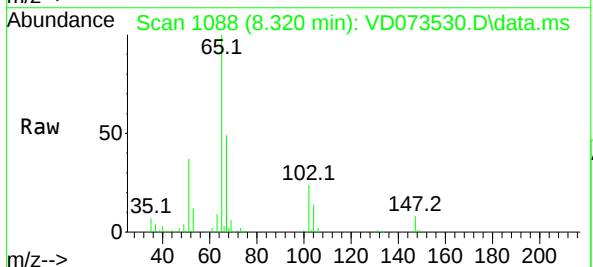


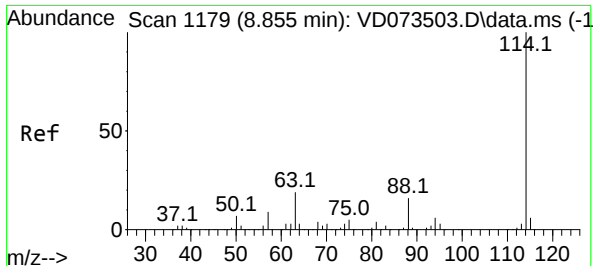
Tgt Ion: 56 Resp: 6125
Ion Ratio Lower Upper
56 100
69 151.1 25.4 38.2#
84 107.9 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 49.666 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073530.D
Acq: 10 Jun 2022 16:03

Tgt Ion: 65 Resp: 133203
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073530.D

Acq: 10 Jun 2022 16:03

Instrument :

MSVOA_D

ClientSampleId :

COM-4

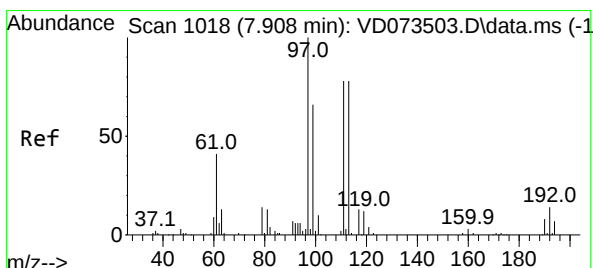
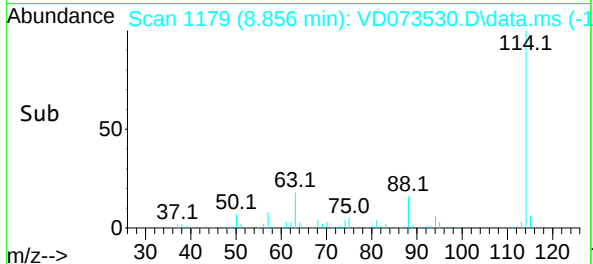
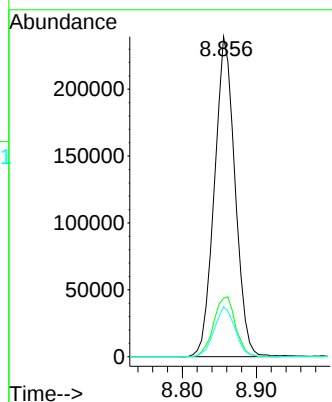
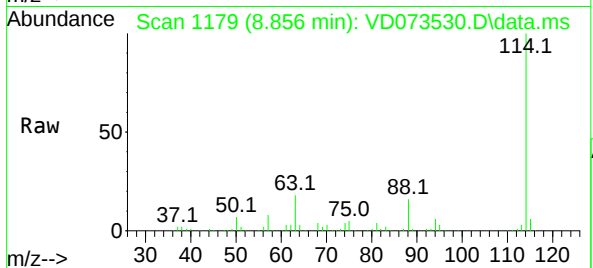
Tgt Ion:114 Resp: 461461

Ion Ratio Lower Upper

114 100

63 18.2 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 21.577 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.005 min

Lab File: VD073530.D

Acq: 10 Jun 2022 16:03

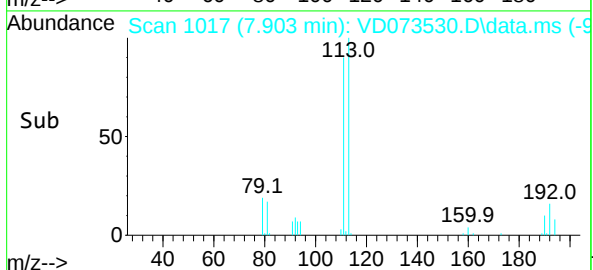
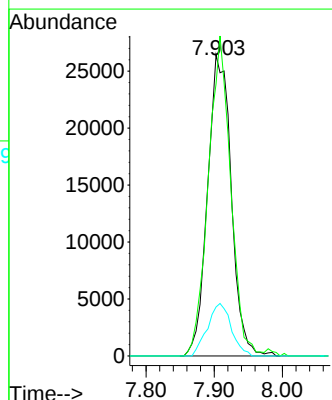
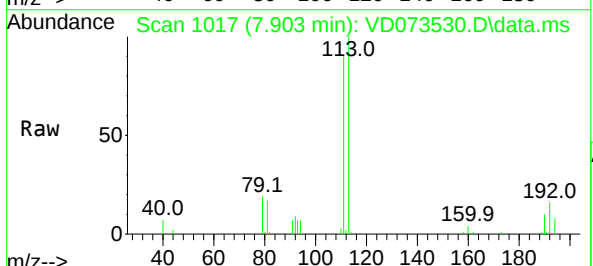
Tgt Ion:113 Resp: 64027

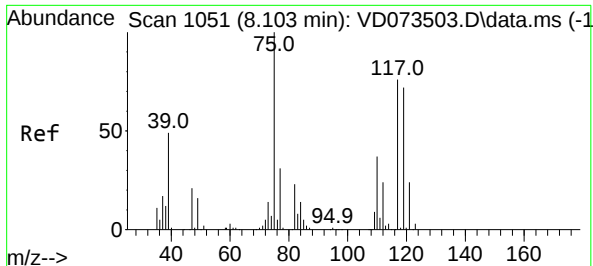
Ion Ratio Lower Upper

113 100

111 100.2 83.8 125.6

192 17.4 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.602 ug/l

RT: 7.973 min Scan# 1051

Delta R.T. -0.130 min

Lab File: VD073530.D

Acq: 10 Jun 2022 16:03

Instrument :

MSVOA_D

ClientSampleId :

COM-4

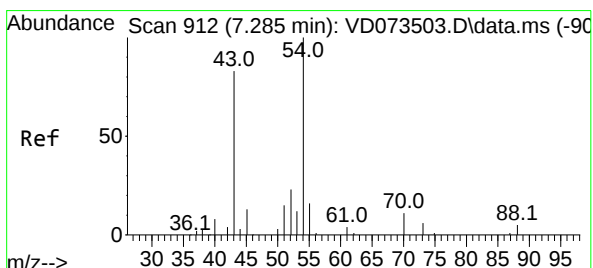
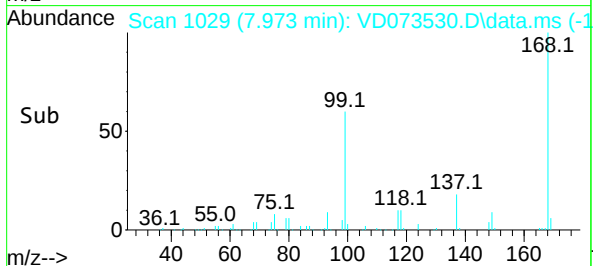
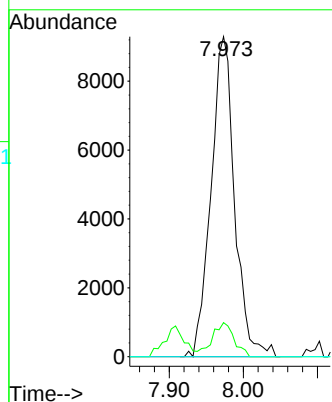
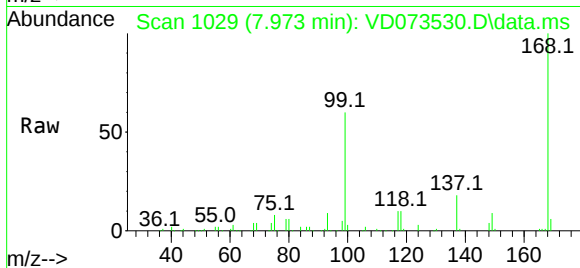
Tgt Ion: 75 Resp: 20510

Ion Ratio Lower Upper

75 100

110 9.8 16.4 49.1#

77 0.0 24.2 36.2#



#37

Ethyl Acetate

Concen: 2.236 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.088 min

Lab File: VD073530.D

Acq: 10 Jun 2022 16:03

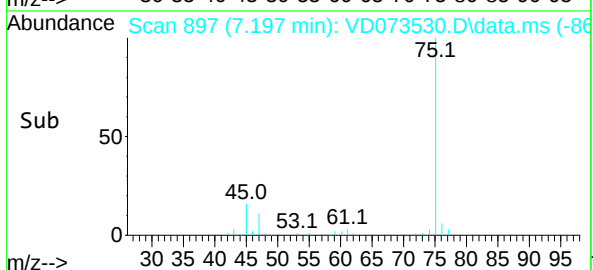
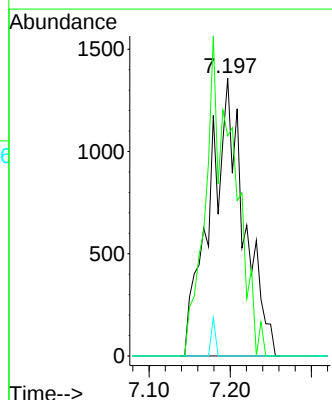
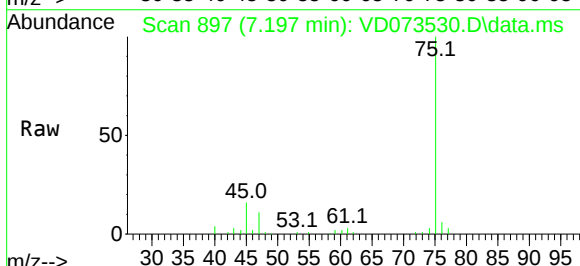
Tgt Ion: 43 Resp: 4025

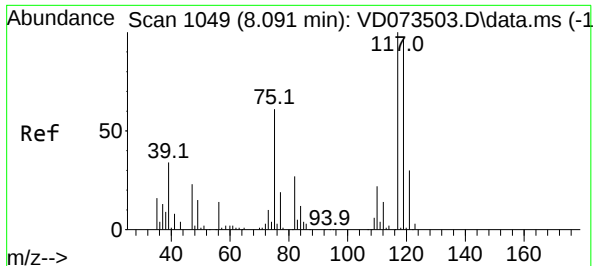
Ion Ratio Lower Upper

43 100

61 94.8 9.8 14.8#

70 1.6 6.9 10.3#

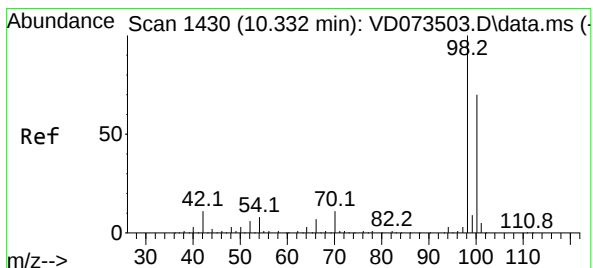
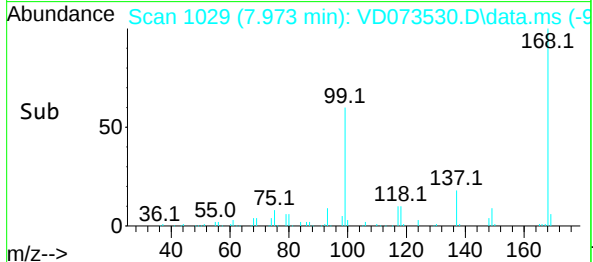
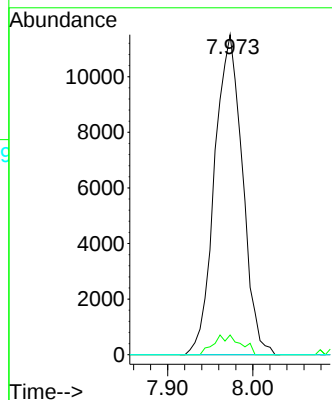
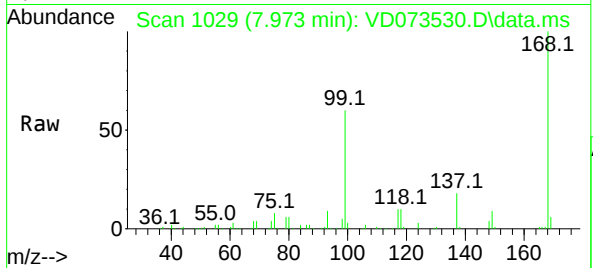




#38
Carbon Tetrachloride
Concen: 5.610 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073530.D
Acq: 10 Jun 2022 16:03

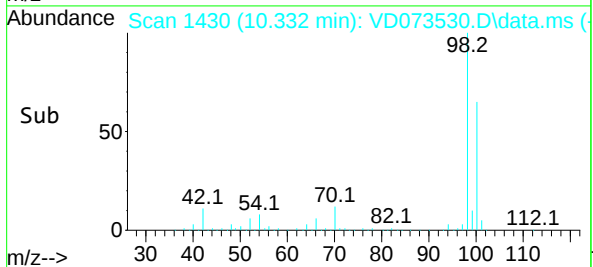
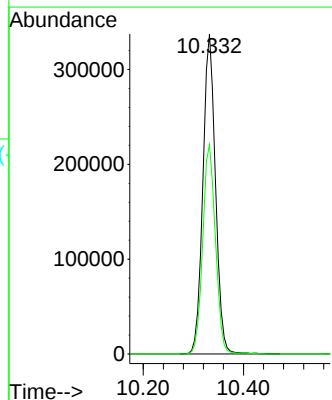
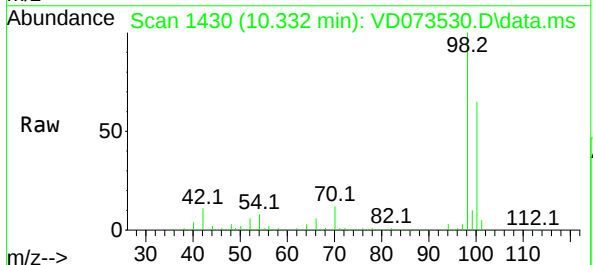
Instrument :
MSVOA_D
ClientSampleId :
COM-4

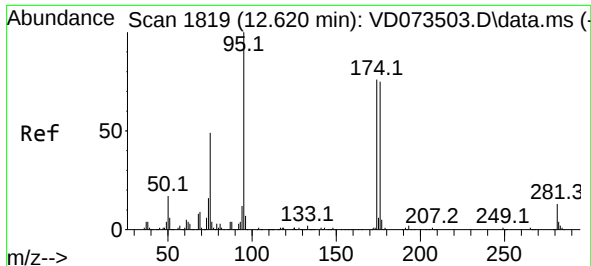
Tgt Ion:117 Resp: 26156
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.376 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073530.D
Acq: 10 Jun 2022 16:03

Tgt Ion: 98 Resp: 587626
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

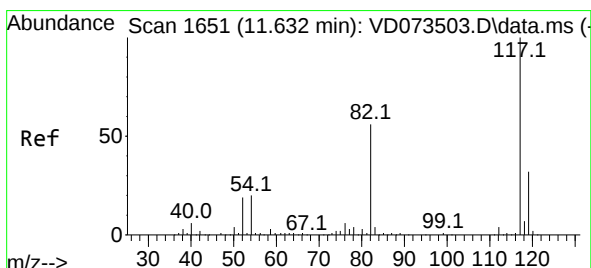
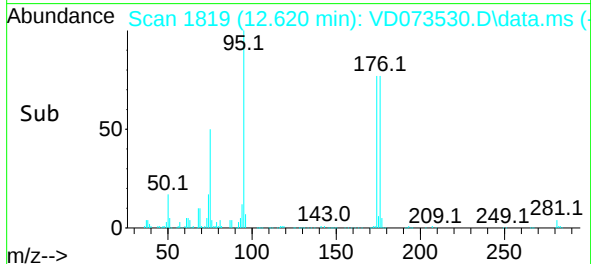
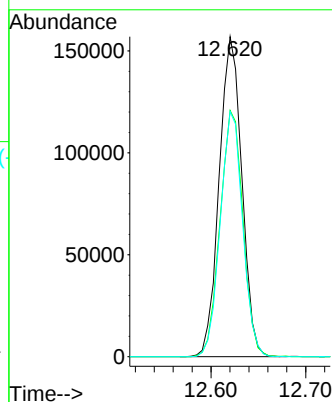
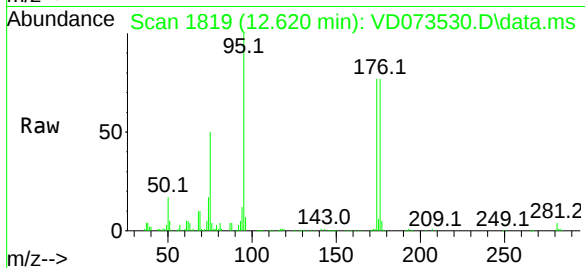




#62
4-Bromofluorobenzene
Concen: 64.057 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073530.D
Acq: 10 Jun 2022 16:03

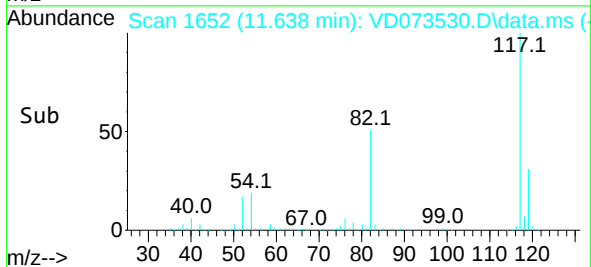
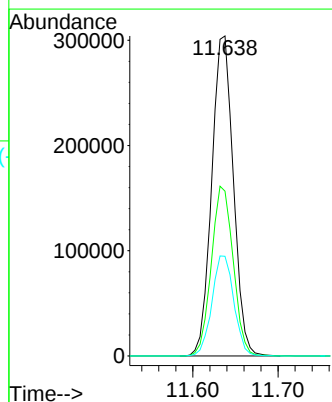
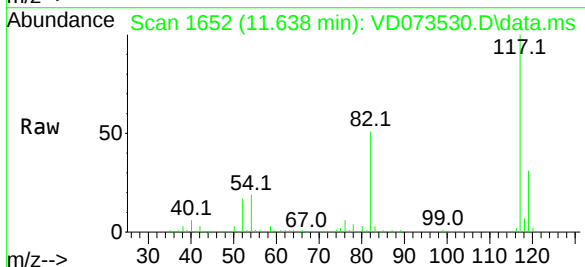
Instrument :
MSVOA_D
ClientSampleId :
COM-4

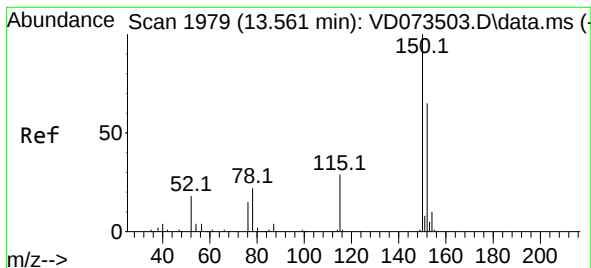
Tgt Ion: 95 Resp: 260897
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 75.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073530.D
Acq: 10 Jun 2022 16:03

Tgt Ion: 117 Resp: 537925
Ion Ratio Lower Upper
117 100
82 51.5 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: VD073530.D

Acq: 10 Jun 2022 16:03

Instrument :

MSVOA_D

ClientSampleId :

COM-4

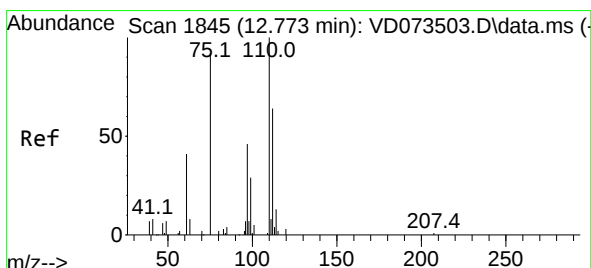
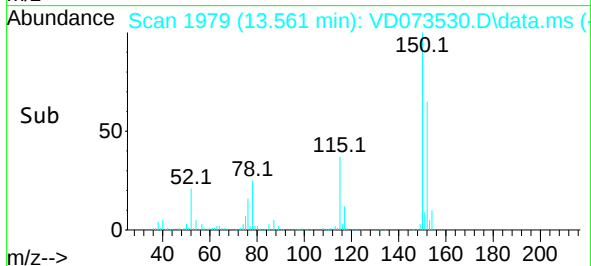
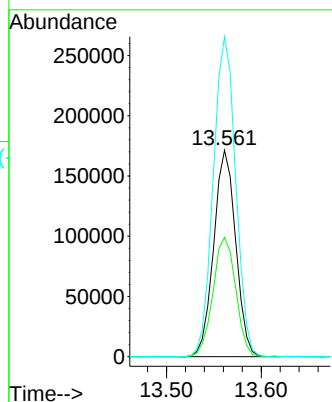
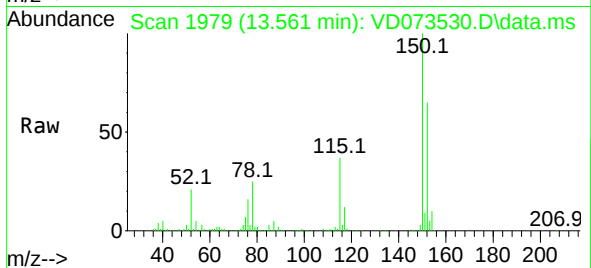
Tgt Ion:152 Resp: 276155

Ion Ratio Lower Upper

152 100

115 59.9 31.3 93.8

150 158.3 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 48.462 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.153 min

Lab File: VD073530.D

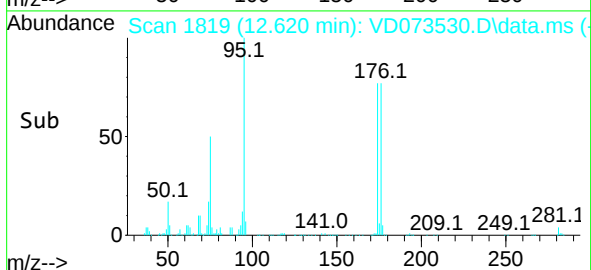
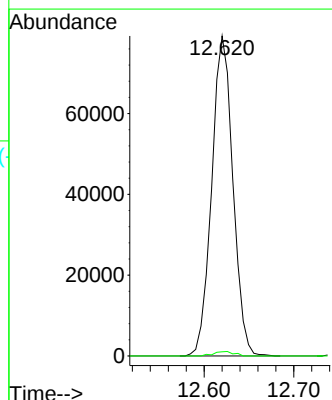
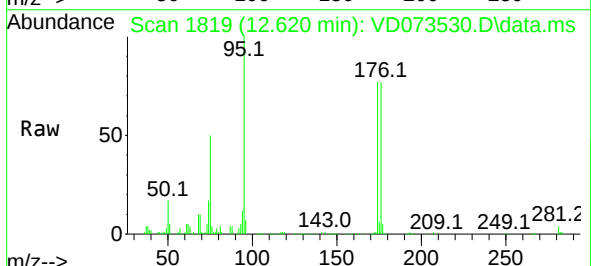
Acq: 10 Jun 2022 16:03

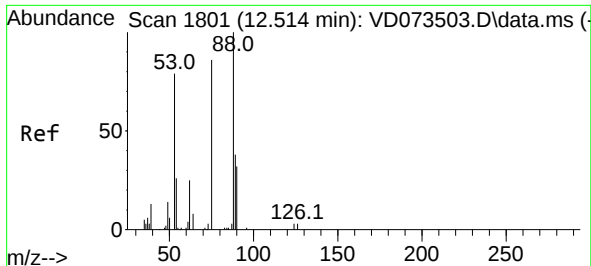
Tgt Ion: 75 Resp: 130012

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

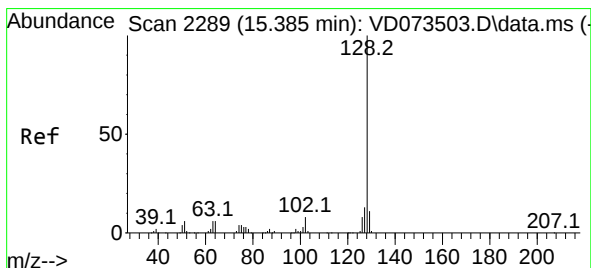
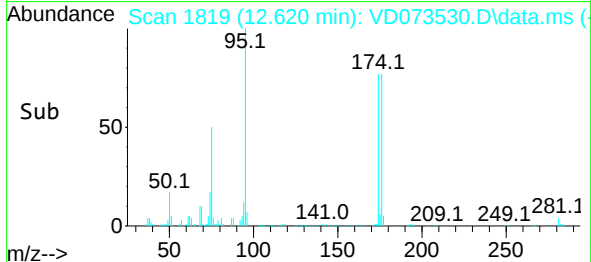
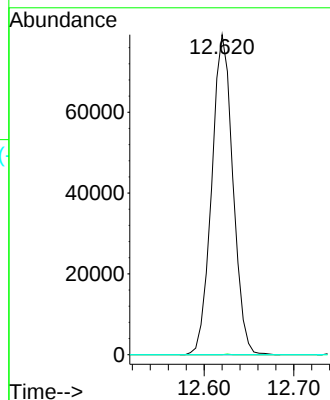
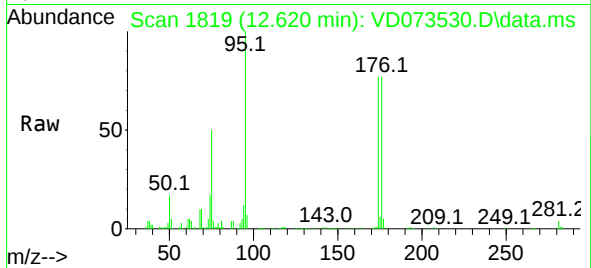




#81
trans-1,4-Dichloro-2-butene
Concen: 113.749 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073530.D
Acq: 10 Jun 2022 16:03

Instrument :
MSVOA_D
ClientSampleId :
COM-4

Tgt Ion: 75 Resp: 130012
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 5.123 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073530.D
Acq: 10 Jun 2022 16:03

Tgt Ion: 128 Resp: 10008
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.2 8.4 12.6

