

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
 Data File : VD072620.D
 Acq On : 19 Apr 2022 13:00
 Operator : VA/SY
 Sample : N2462-03
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-05

Quant Time: Apr 19 16:11:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

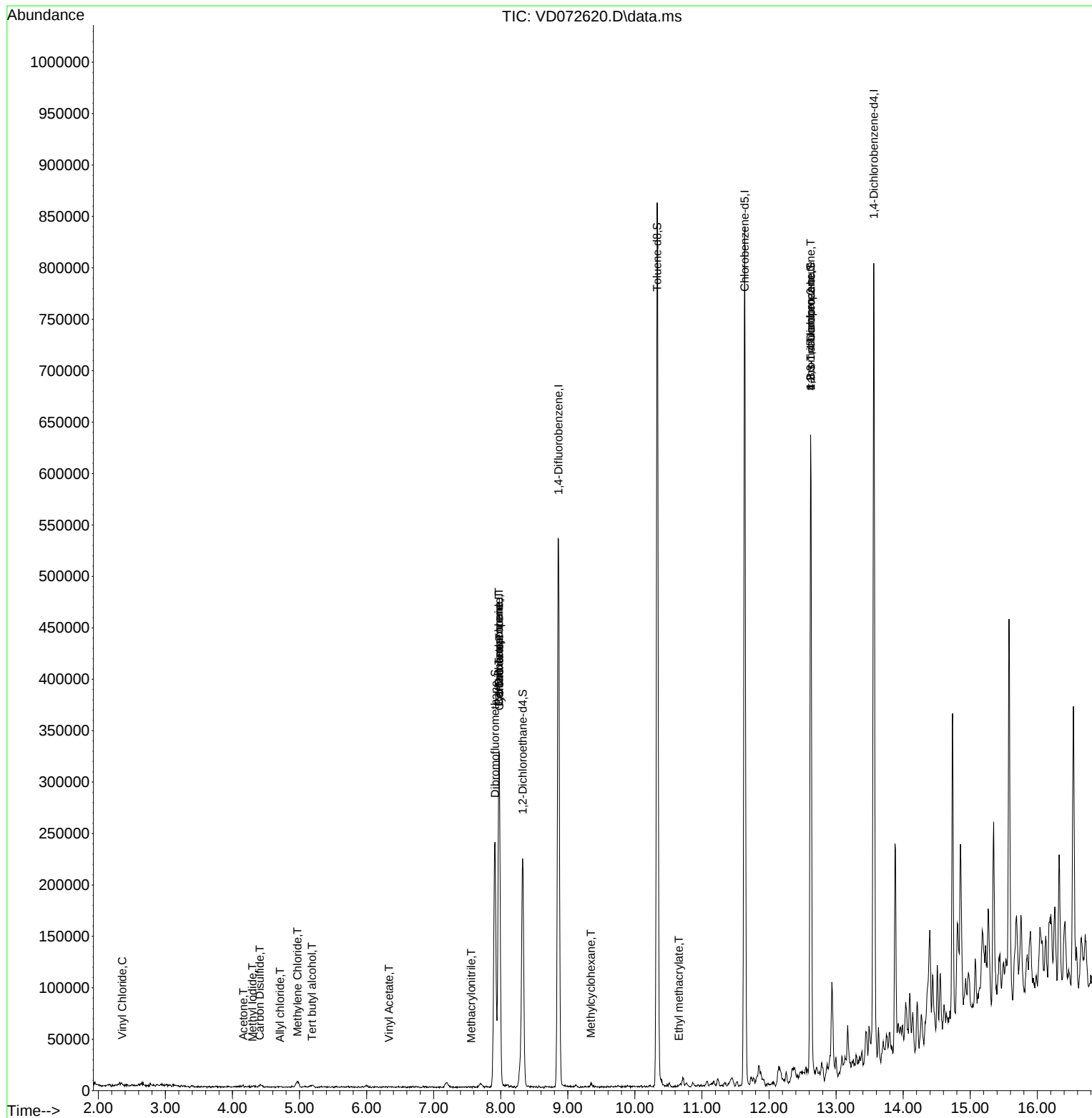
Internal Standards						
1) Pentafluorobenzene	7.973	168	240668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	475817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	478827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	203854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	173309	59.529	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.060%			
35) Dibromofluoromethane	7.914	113	172631	46.685	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.380%			
50) Toluene-d8	10.332	98	592252	46.077	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.160%			
62) 4-Bromofluorobenzene	12.620	95	214445	42.719	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 85.440%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.356	62	264	1.078	ug/l #	43
10) Methyl Iodide	4.297	142	1355	4.218	ug/l #	89
11) Tert butyl alcohol	5.185	59	1967	12.794	ug/l #	74
14) Allyl chloride	4.709	41	106	1.154	ug/l #	22
16) Acetone	4.162	43	2163	3.984	ug/l	91
17) Carbon Disulfide	4.409	76	4323	4.482	ug/l #	74
20) Methylene Chloride	4.967	84	4899	1.516	ug/l #	77
23) Vinyl Acetate	6.332	43	57	6.301	ug/l #	75
31) Cyclohexane	7.979	56	6041	1.587	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	18441	4.939	ug/l #	50
38) Carbon Tetrachloride	7.973	117	26283	5.159	ug/l #	15
39) Methylcyclohexane	9.344	83	1454	3.126	ug/l #	90
41) Methacrylonitrile	7.561	41	193	1.821	ug/l #	27
56) Ethyl methacrylate	10.655	69	564	1.347	ug/l #	35
76) 1,2,3-Trichloropropane	12.620	75	107113	48.176	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	107113	118.215	ug/l #	7

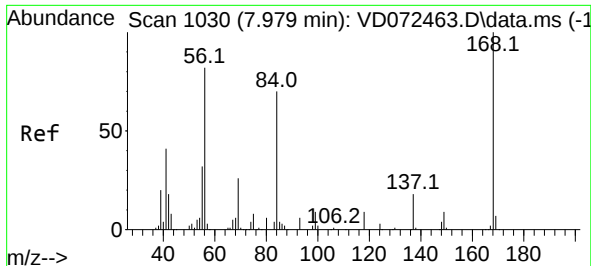
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

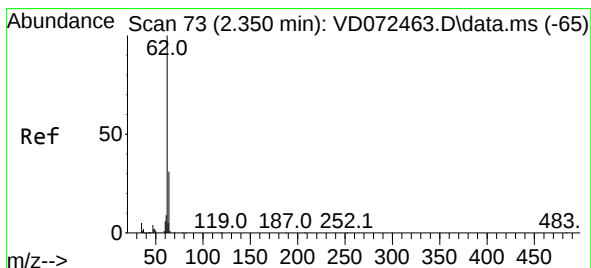
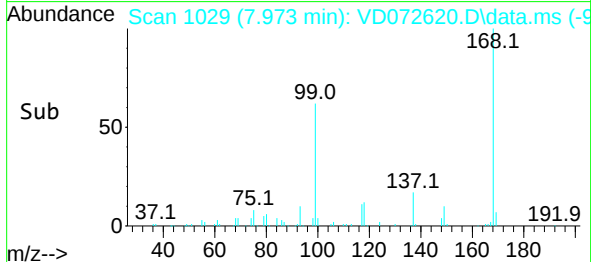
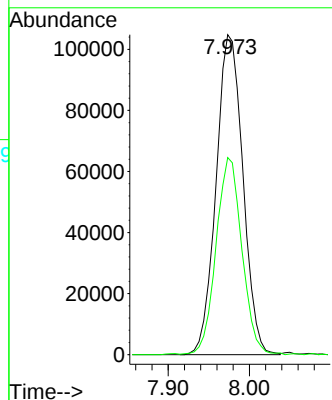
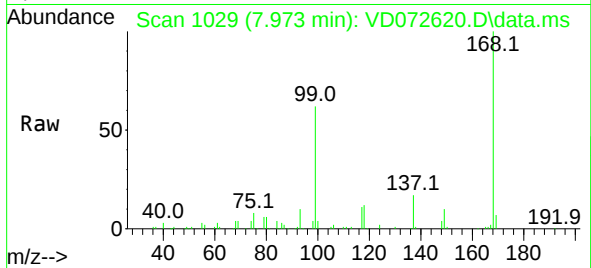




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072620.D
Acq: 19 Apr 2022 13:00

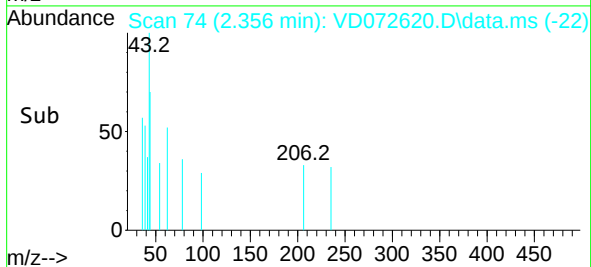
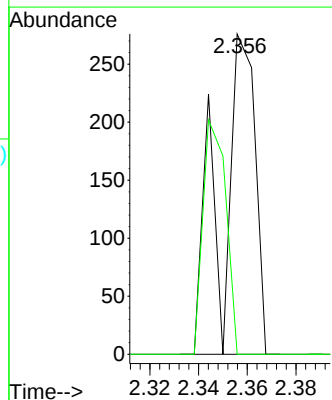
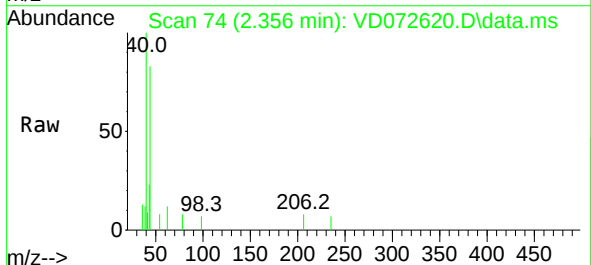
Instrument :
MSVOA_D
ClientSampleId :
COMP-05

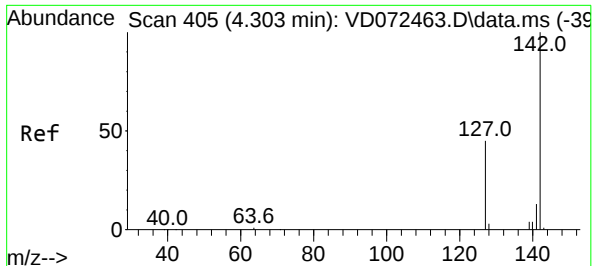
Tgt Ion:168 Resp: 240668
Ion Ratio Lower Upper
168 100
99 61.4 49.8 74.6



#4
Vinyl Chloride
Concen: 1.078 ug/l
RT: 2.356 min Scan# 74
Delta R.T. 0.006 min
Lab File: VD072620.D
Acq: 19 Apr 2022 13:00

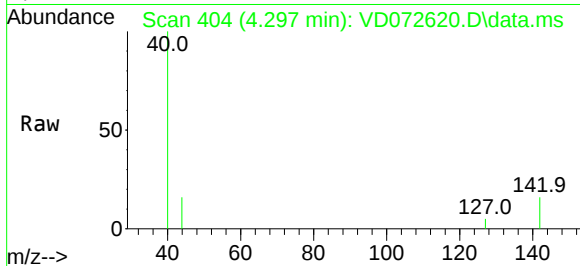
Tgt Ion: 62 Resp: 264
Ion Ratio Lower Upper
62 100
64 0.0 25.4 38.0#



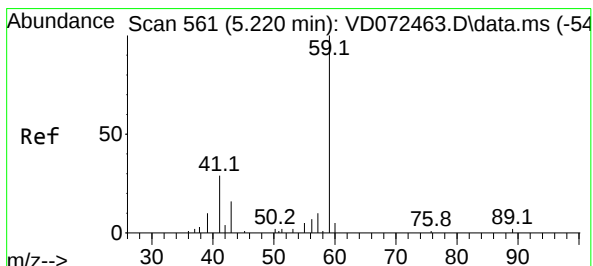
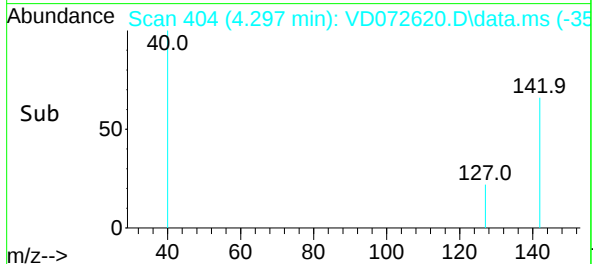
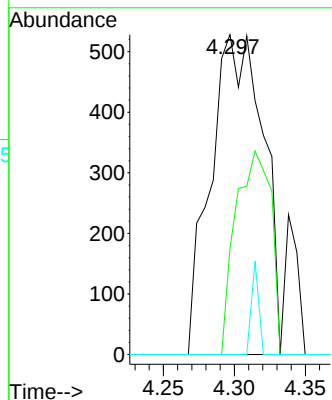


#10
Methyl Iodide
Concen: 4.218 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072620.D
Acq: 19 Apr 2022 13:00

Instrument :
MSVOA_D
ClientSampleId :
COMP-05

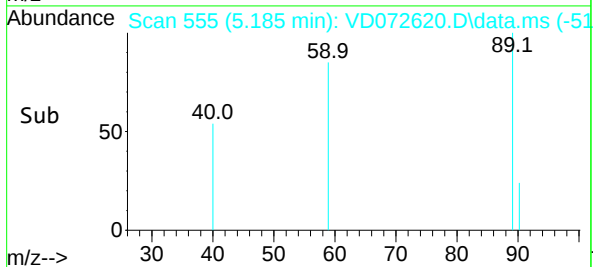
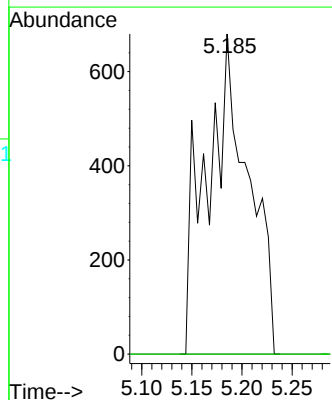
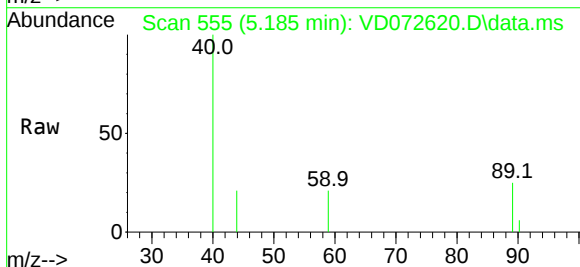


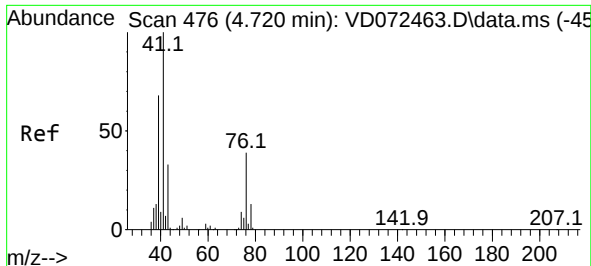
Tgt Ion:142 Resp: 1355
Ion Ratio Lower Upper
142 100
127 42.7 37.3 55.9
141 4.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 12.794 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD072620.D
Acq: 19 Apr 2022 13:00

Tgt Ion: 59 Resp: 1967
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

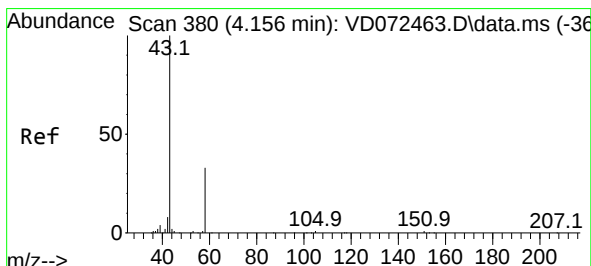
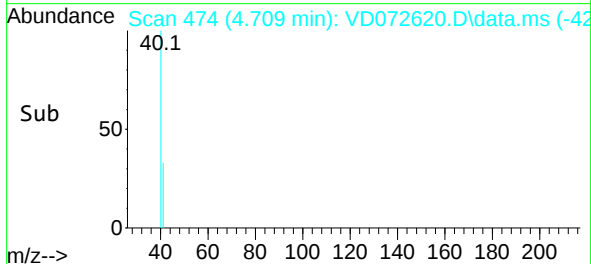
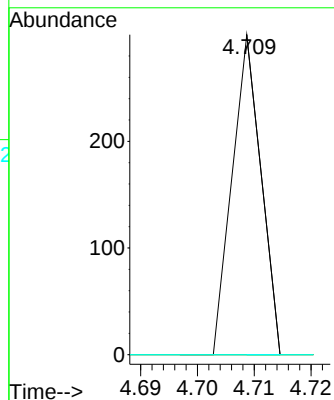
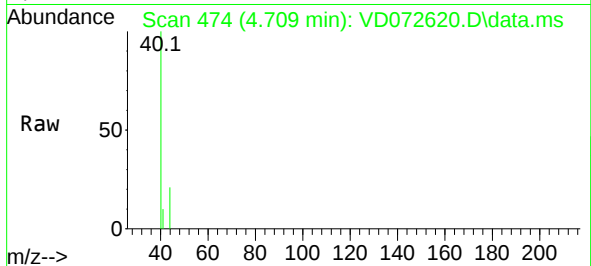




#14
 Allyl chloride
 Concen: 1.154 ug/l
 RT: 4.709 min Scan# 41
 Delta R.T. -0.011 min
 Lab File: VD072620.D
 Acq: 19 Apr 2022 13:00

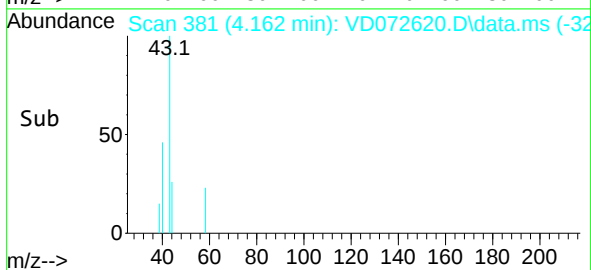
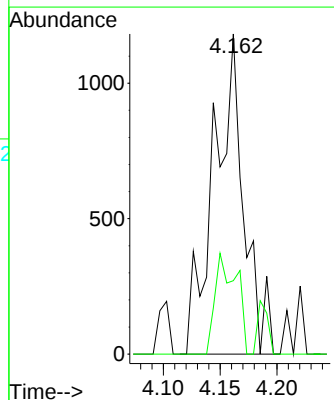
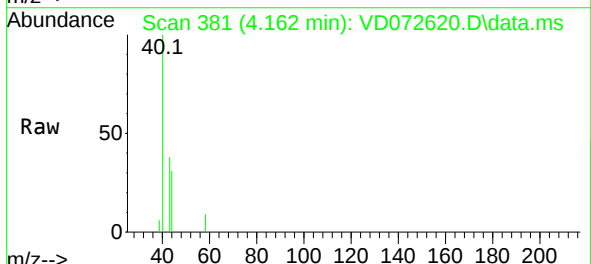
Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-05

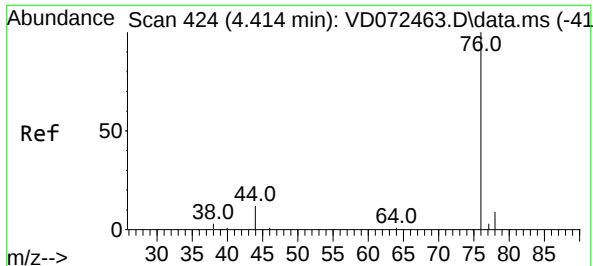
Tgt Ion: 41 Resp: 106
 Ion Ratio Lower Upper
 41 100
 39 0.0 59.3 88.9#
 76 0.0 25.7 38.5#



#16
 Acetone
 Concen: 3.984 ug/l
 RT: 4.162 min Scan# 381
 Delta R.T. 0.006 min
 Lab File: VD072620.D
 Acq: 19 Apr 2022 13:00

Tgt Ion: 43 Resp: 2163
 Ion Ratio Lower Upper
 43 100
 58 22.9 22.1 33.1

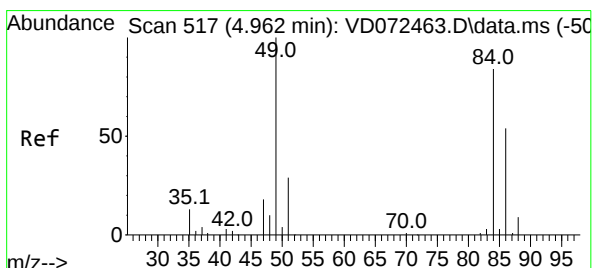
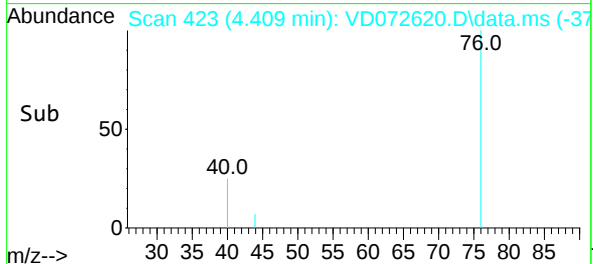
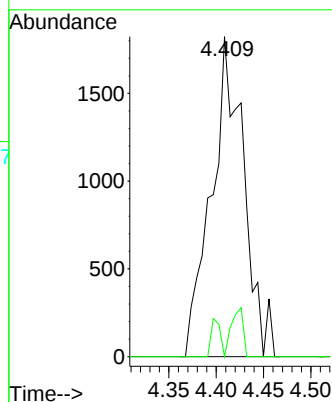
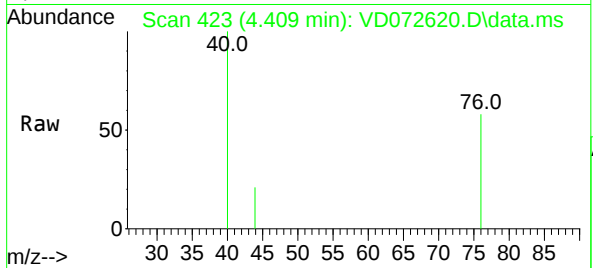




#17
Carbon Disulfide
Concen: 4.482 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD072620.D
Acq: 19 Apr 2022 13:00

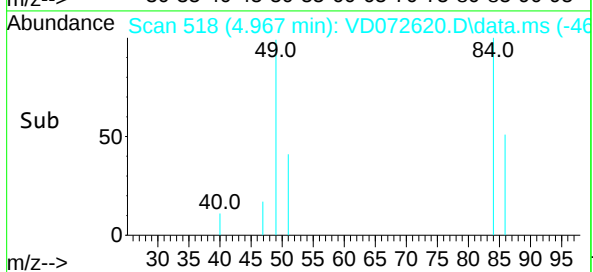
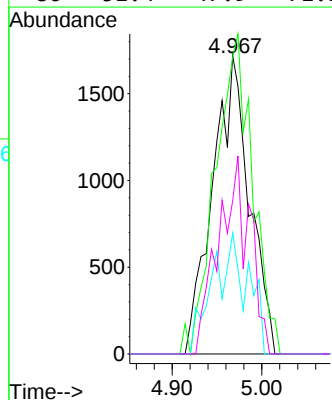
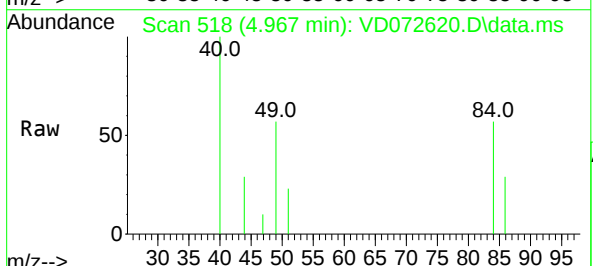
Instrument :
MSVOA_D
ClientSampleId :
COMP-05

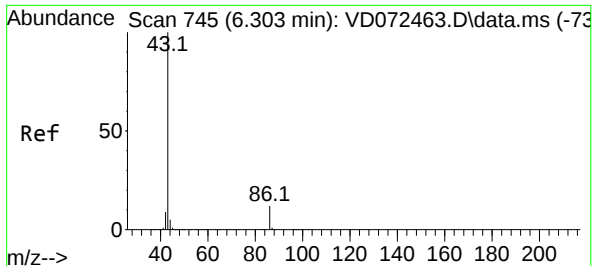
Tgt Ion: 76 Resp: 4323
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 1.516 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072620.D
Acq: 19 Apr 2022 13:00

Tgt Ion: 84 Resp: 4899
Ion Ratio Lower Upper
84 100
49 99.5 112.8 169.2#
51 40.6 32.6 48.8
86 51.4 47.9 71.9

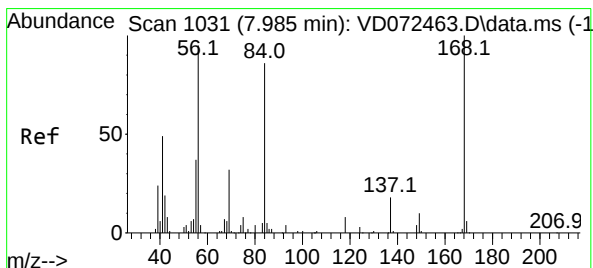
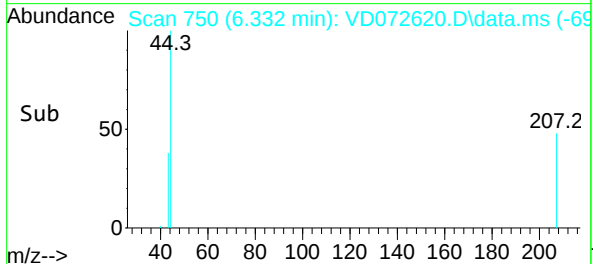
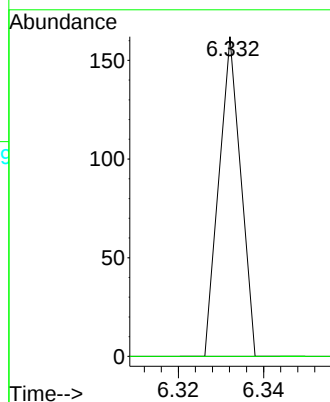
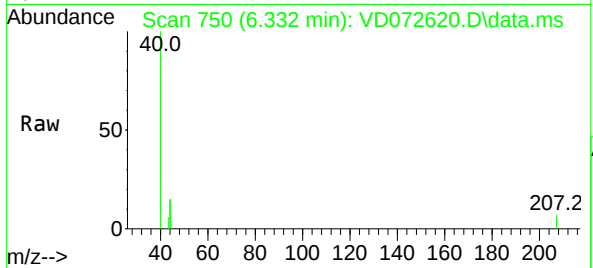




#23
 Vinyl Acetate
 Concen: 6.301 ug/l
 RT: 6.332 min Scan# 745
 Delta R.T. 0.029 min
 Lab File: VD072620.D
 Acq: 19 Apr 2022 13:00

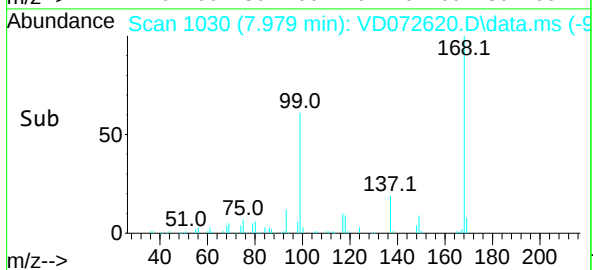
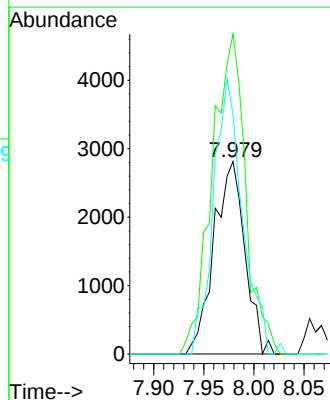
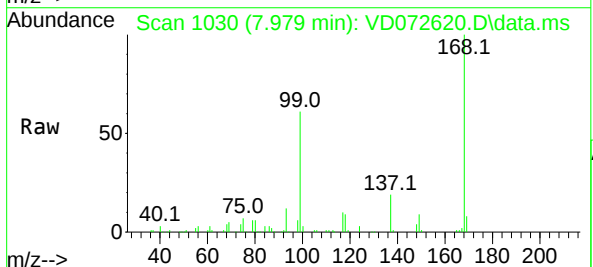
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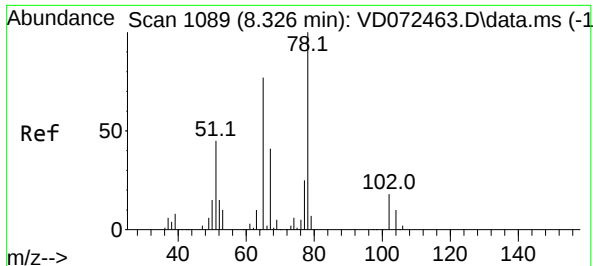
Tgt Ion: 43 Resp: 57
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#31
 Cyclohexane
 Concen: 1.587 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD072620.D
 Acq: 19 Apr 2022 13:00

Tgt Ion: 56 Resp: 6041
 Ion Ratio Lower Upper
 56 100
 69 166.2 25.4 38.2#
 84 124.4 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 59.529 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072620.D

Acq: 19 Apr 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

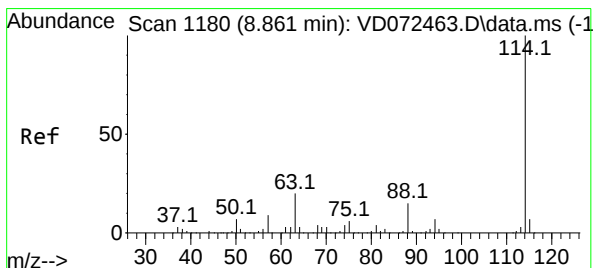
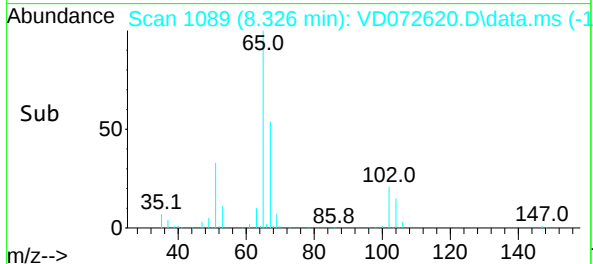
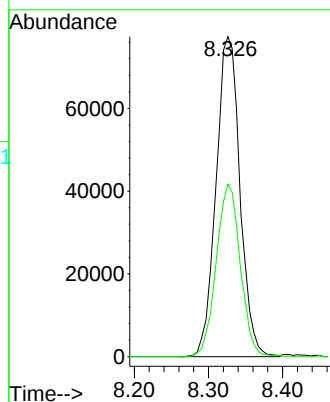
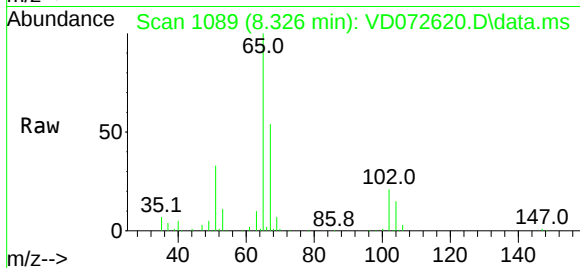
COMP-05

Tgt Ion: 65 Resp: 173309

Ion Ratio Lower Upper

65 100

67 54.1 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: VD072620.D

Acq: 19 Apr 2022 13:00

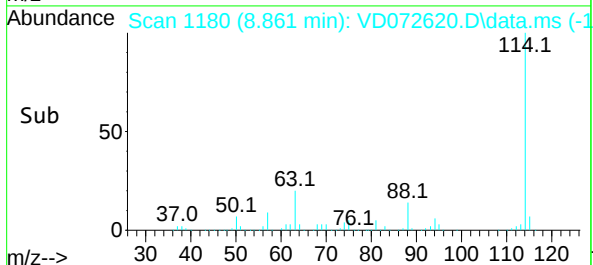
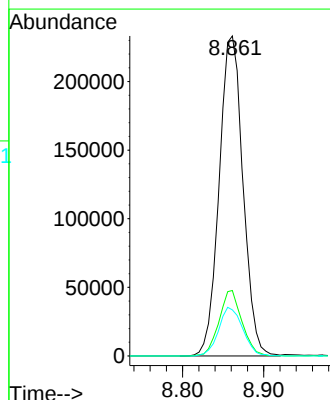
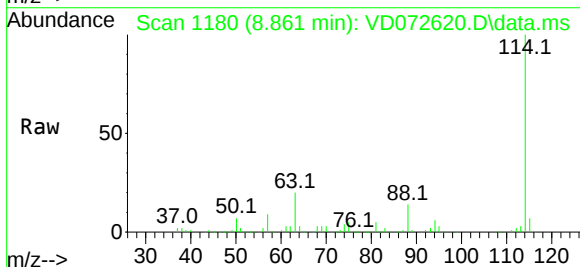
Tgt Ion: 114 Resp: 475817

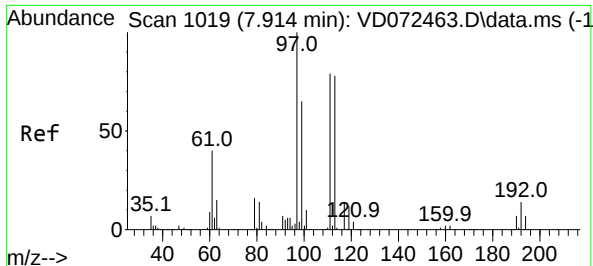
Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 14.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.685 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD072620.D

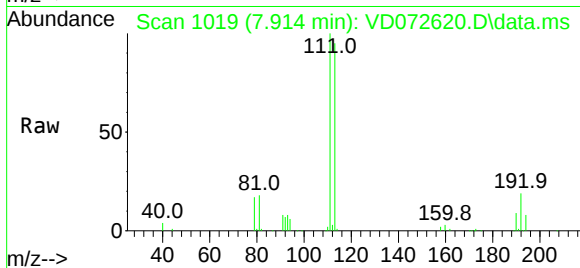
Acq: 19 Apr 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

COMP-05



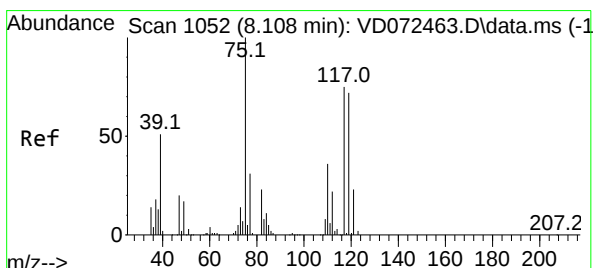
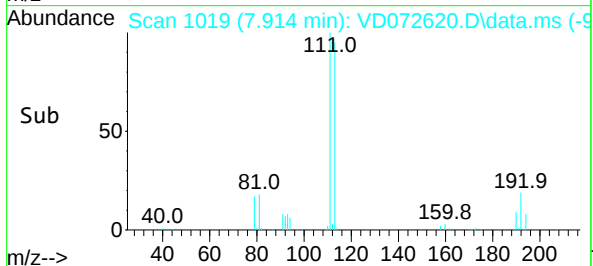
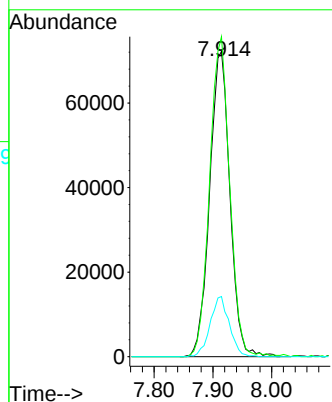
Tgt Ion:113 Resp: 172631

Ion Ratio Lower Upper

113 100

111 103.9 83.8 125.6

192 18.6 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.939 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072620.D

Acq: 19 Apr 2022 13:00

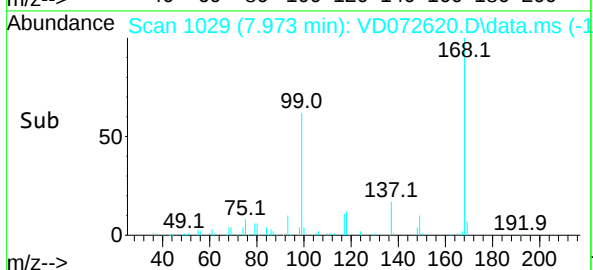
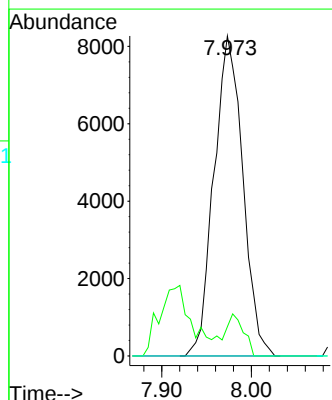
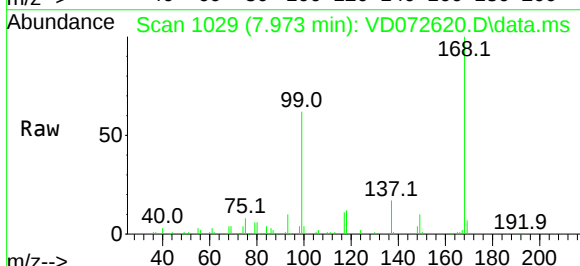
Tgt Ion: 75 Resp: 18441

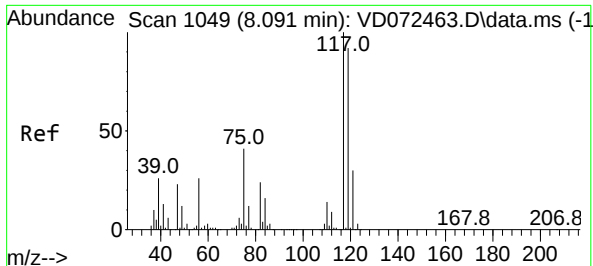
Ion Ratio Lower Upper

75 100

110 7.4 16.4 49.1#

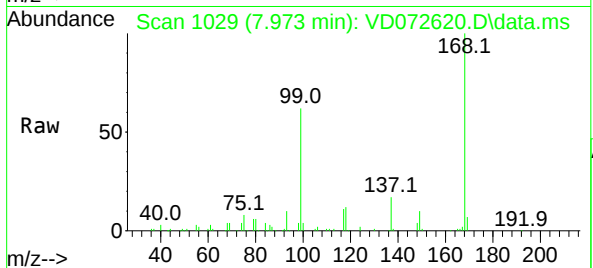
77 0.0 24.2 36.2#



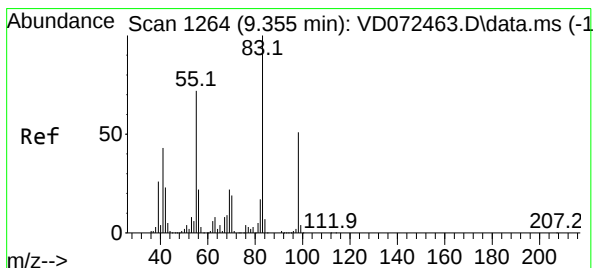
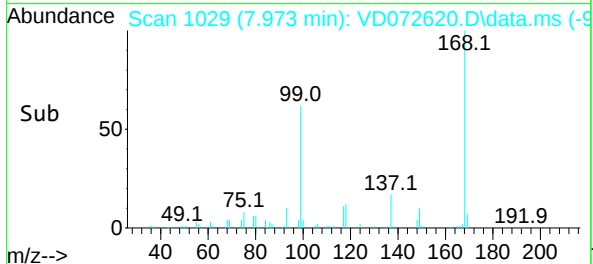
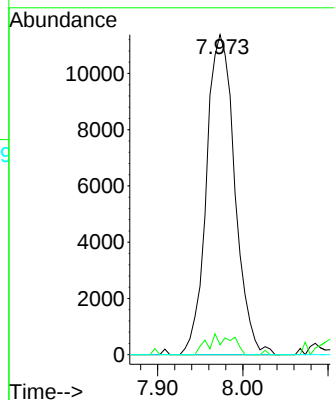


#38
Carbon Tetrachloride
Concen: 5.159 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072620.D
Acq: 19 Apr 2022 13:00

Instrument :
MSVOA_D
ClientSampleId :
COMP-05

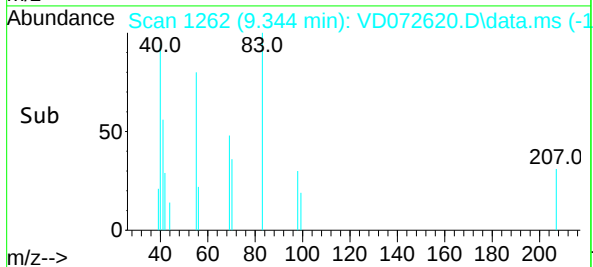
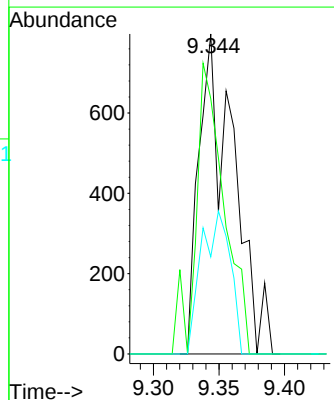
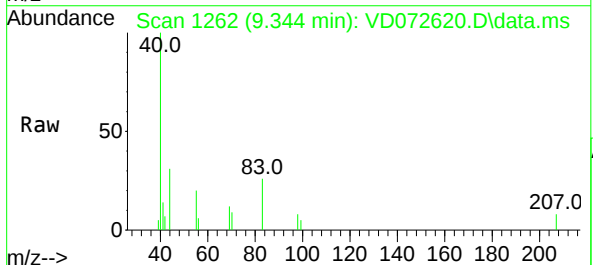


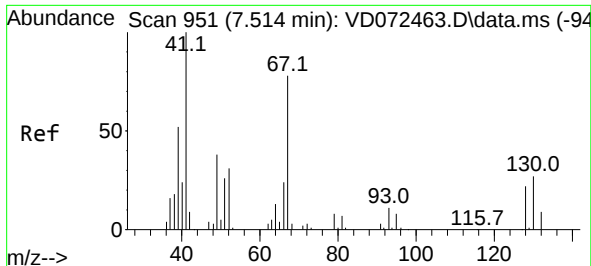
Tgt Ion:117 Resp: 26283
Ion Ratio Lower Upper
117 100
119 3.1 75.8 113.6#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 3.126 ug/l
RT: 9.344 min Scan# 1262
Delta R.T. -0.011 min
Lab File: VD072620.D
Acq: 19 Apr 2022 13:00

Tgt Ion: 83 Resp: 1454
Ion Ratio Lower Upper
83 100
55 79.8 63.2 94.8
98 30.4 38.2 57.4#

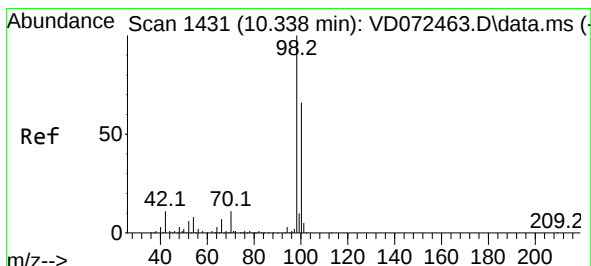
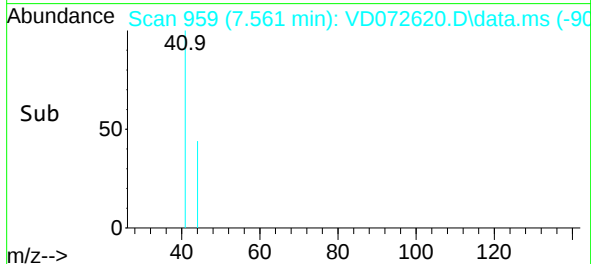
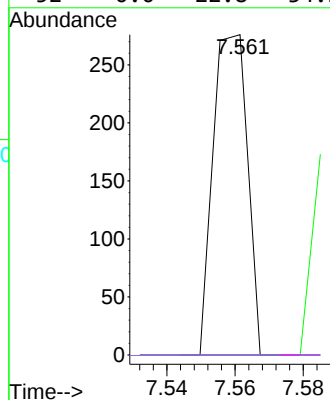
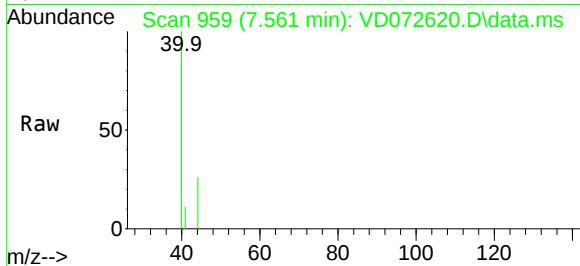




#41
Methacrylonitrile
Concen: 1.821 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.047 min
Lab File: VD072620.D
Acq: 19 Apr 2022 13:00

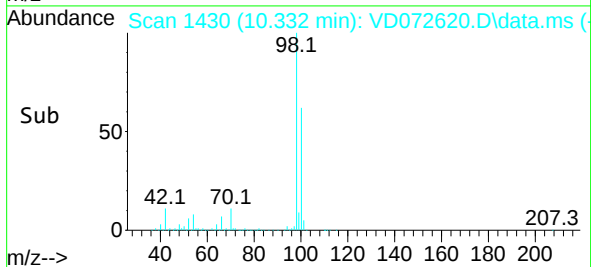
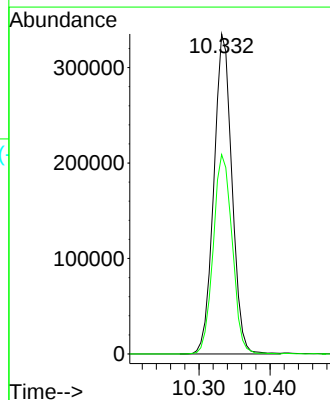
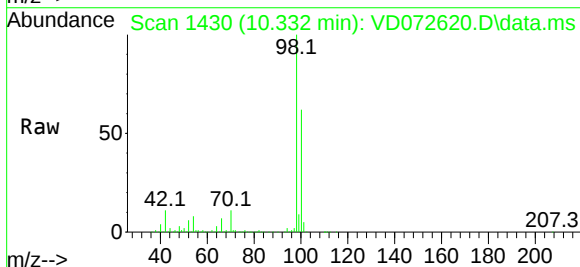
Instrument :
MSVOA_D
ClientSampleId :
COMP-05

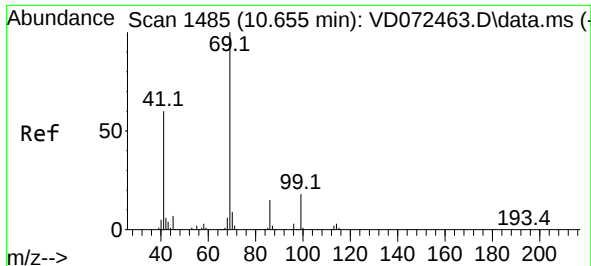
Tgt Ion: 41	Resp:	193
Ion	Ratio	Lower Upper
41	100	
39	0.0	44.6 67.0#
67	0.0	48.2 72.4#
52	0.0	22.8 34.2#



#50
Toluene-d8
Concen: 46.077 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072620.D
Acq: 19 Apr 2022 13:00

Tgt Ion: 98	Resp:	592252
Ion	Ratio	Lower Upper
98	100	
100	65.1	52.4 78.6

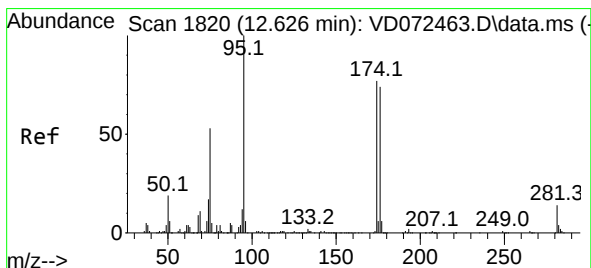
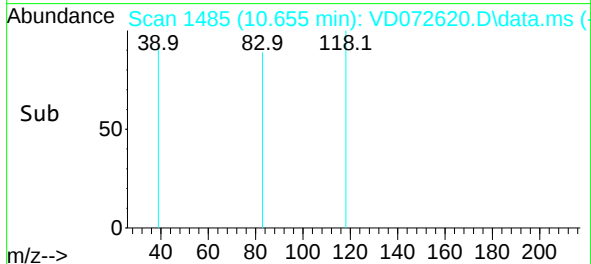
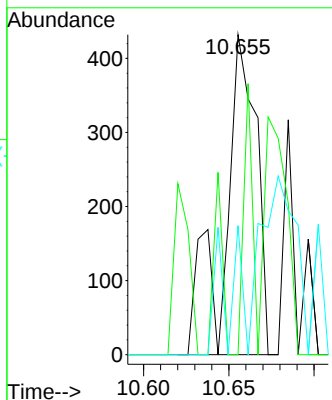
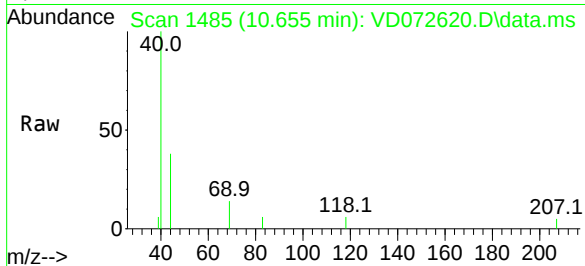




#56
Ethyl methacrylate
Concen: 1.347 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072620.D
Acq: 19 Apr 2022 13:00

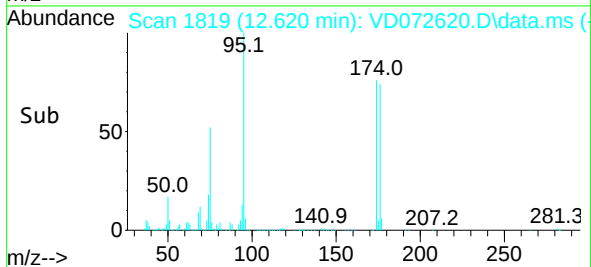
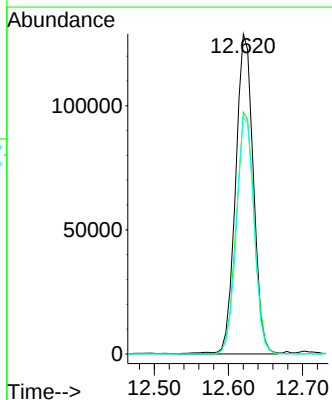
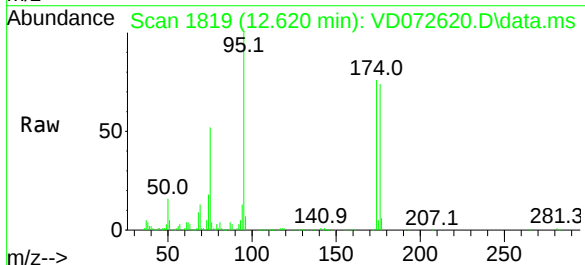
Instrument :
MSVOA_D
ClientSampleId :
COMP-05

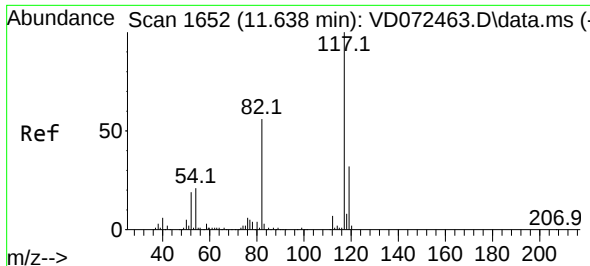
Tgt Ion: 69 Resp: 564
Ion Ratio Lower Upper
69 100
41 22.9 63.0 94.6#
39 0.0 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 42.719 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072620.D
Acq: 19 Apr 2022 13:00

Tgt Ion: 95 Resp: 214445
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.8
176 73.9 0.0 145.4

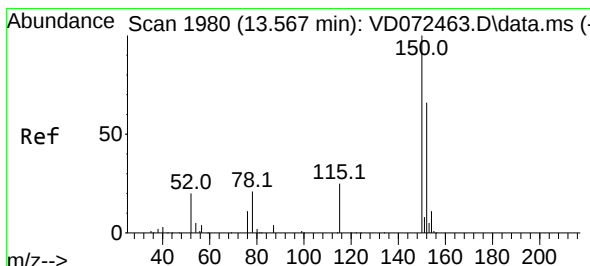
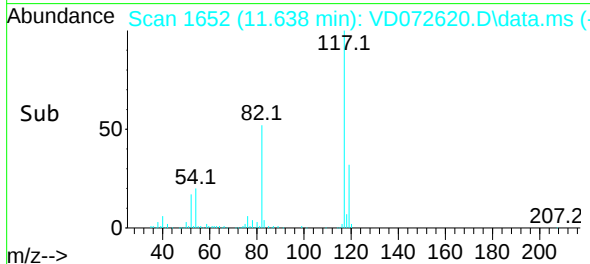
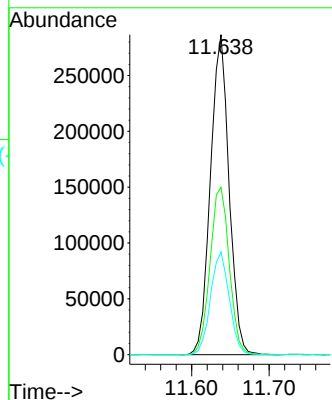
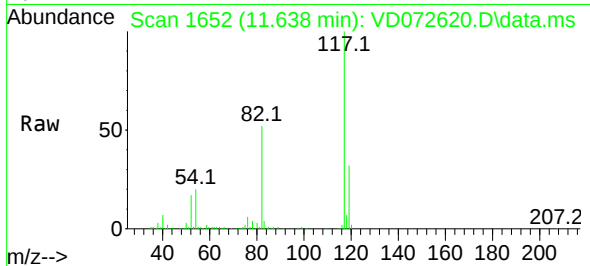




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072620.D
Acq: 19 Apr 2022 13:00

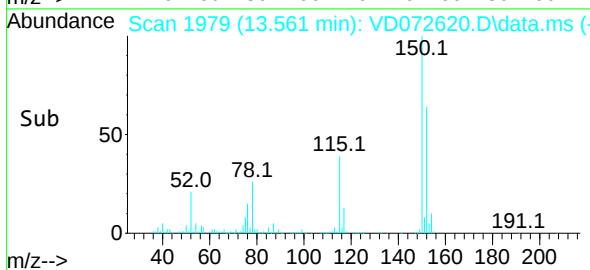
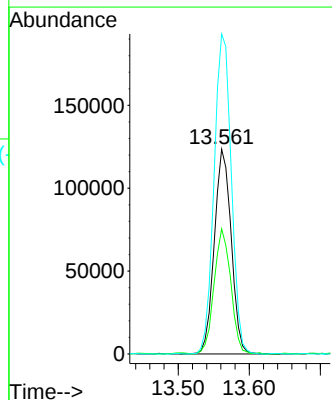
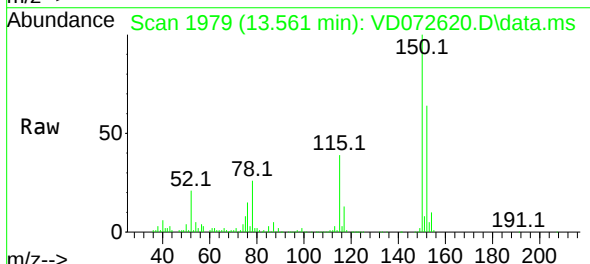
Instrument :
MSVOA_D
ClientSampleId :
COMP-05

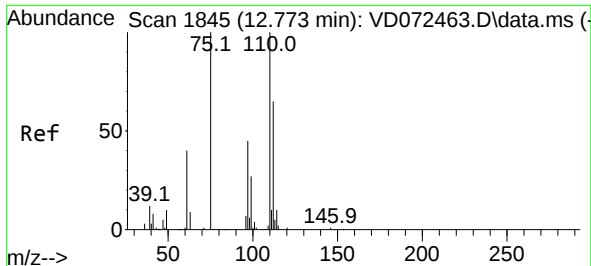
Tgt Ion:117 Resp: 478827
Ion Ratio Lower Upper
117 100
82 52.3 45.3 67.9
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072620.D
Acq: 19 Apr 2022 13:00

Tgt Ion:152 Resp: 203854
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 159.2 0.0 348.6

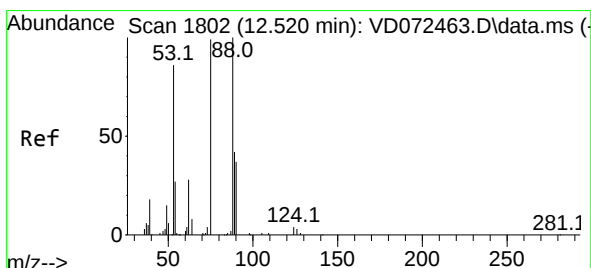
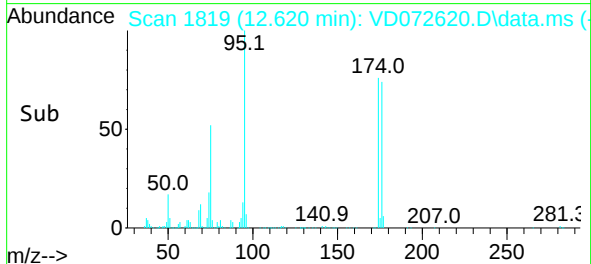
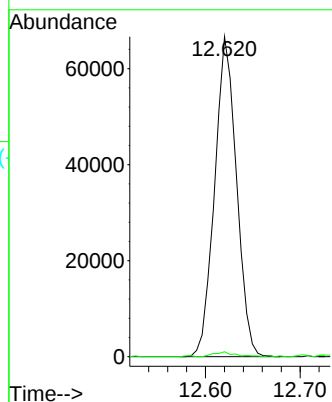
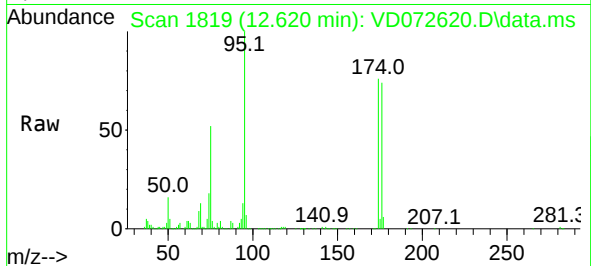




#76
1,2,3-Trichloropropane
Concen: 48.176 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072620.D
Acq: 19 Apr 2022 13:00

Instrument :
MSVOA_D
ClientSampleId :
COMP-05

Tgt Ion: 75 Resp: 107113
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.215 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072620.D
Acq: 19 Apr 2022 13:00

Tgt Ion: 75 Resp: 107113
Ion Ratio Lower Upper
75 100
53 0.6 86.5 129.7#
89 0.0 33.9 50.9#

