

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062421\
 Data File : VW021559.D
 Acq On : 24 Jun 2021 09:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 25 02:56:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 24 02:30:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	457137	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	427641	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	228942	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	132302	43.958	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.920%
7) Chloroethane-d5	1.568	69	113818	50.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.680%
11) 1,1-Dichloroethene-d2	2.108	63	255572	49.695	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.380%
21) 2-Butanone-d5	3.896	46	255026	118.165	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.170%
24) Chloroform-d	4.346	84	299284	49.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.900%
26) 1,2-Dichloroethane-d4	5.031	65	179060	51.888	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.780%
32) Benzene-d6	5.047	84	588956	49.230	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.460%
36) 1,2-Dichloropropane-d6	6.069	67	188893	51.128	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.260%
41) Toluene-d8	7.313	98	543008	47.642	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.280%
43) trans-1,3-Dichloroprop...	7.619	79	96271	48.692	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.380%
47) 2-Hexanone-d5	8.088	63	182519	107.590	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.590%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	263518	51.384	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.760%
66) 1,2-Dichlorobenzene-d4	11.625	152	222535	46.760	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.520%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	143240	45.207	ug/L	99
3) Chloromethane	1.240	50	153003	48.473	ug/L	100
5) Vinyl chloride	1.310	62	162879	50.279	ug/L	99
6) Bromomethane	1.523	94	108753	49.019	ug/L	99
8) Chloroethane	1.584	64	104801	56.899	ug/L	100
9) Trichlorofluoromethane	1.751	101	231490	48.175	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	142370	50.970	ug/L	91
12) 1,1-Dichloroethene	2.118	96	131157	48.886	ug/L	93
13) Acetone	2.436	43	173308	93.329	ug/L	100
14) Carbon disulfide	2.291	76	409271	48.386	ug/L	100
15) Methyl Acetate	2.436	43	190032	59.726	ug/L	96
16) Methylene chloride	2.507	84	170184	50.635	ug/L	95
17) trans-1,2-Dichloroethene	2.757	96	159891	52.236	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	539196	55.566	ug/L	98
19) 1,1-Dichloroethane	3.188	63	299574	55.228	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	179131	52.309	ug/L	95
22) 2-Butanone	3.976	43	299337	127.250	ug/L	99
23) Bromochloromethane	4.246	128	95107	50.145	ug/L	95
25) Chloroform	4.371	83	308422	54.945	ug/L	99

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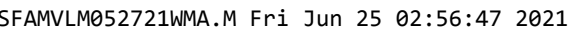
Instrument :
 MSVOA_V
 ClientSampleId :

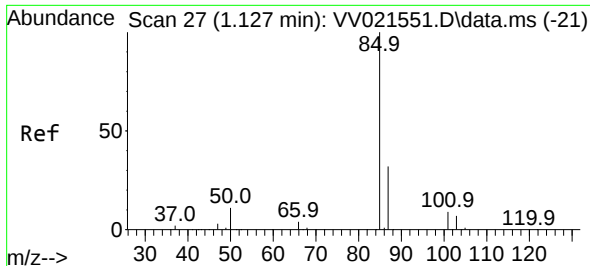
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	223310	57.586	ug/L	98
29) Cyclohexane	4.674	56	267808	53.754	ug/L	97
30) 1,1,1-Trichloroethane	4.606	97	275017	52.096	ug/L	97
31) Carbon tetrachloride	4.825	117	240029	50.086	ug/L	99
33) Benzene	5.098	78	660370	53.952	ug/L	100
34) Trichloroethene	5.912	95	177743	53.423	ug/L	96
35) Methylcyclohexane	6.130	83	274614	51.418	ug/L	99
37) 1,2-Dichloropropane	6.172	63	173634	55.637	ug/L	100
38) Bromodichloromethane	6.510	83	238495	54.460	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	286702	54.641	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	517703	122.344	ug/L	97
42) Toluene	7.387	91	713308	52.533	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	273920	55.184	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	172546	54.475	ug/L	96
46) Tetrachloroethene	7.976	164	138438	45.257	ug/L	93
48) 2-Hexanone	8.140	43	413996	127.565	ug/L	96
49) Dibromochloromethane	8.246	129	201832	50.887	ug/L	98
50) 1,2-Dibromoethane	8.352	107	186029	53.362	ug/L	98
51) Chlorobenzene	8.883	112	468895	52.232	ug/L	98
52) Ethylbenzene	9.011	91	795627	53.348	ug/L	99
53) m,p-Xylene	9.136	106	303970	53.046	ug/L	99
54) o-Xylene	9.542	106	300996	53.199	ug/L	99
55) Styrene	9.561	104	515401	52.928	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	276653	55.954	ug/L	98
59) Bromoform	9.731	173	149670	48.452	ug/L #	98
60) Isopropylbenzene	9.931	105	798702	56.300	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	222163	61.759	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	679442	55.632	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	691232	56.027	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	375164	52.355	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	369673	51.098	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	377749	52.648	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	65738	58.660	ug/L	82
69) 1,3,5-Trichlorobenzene	12.644	180	282365	46.711	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	247582	45.845	ug/L	98
71) Naphthalene	13.503	128	762602	51.194	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	243687	46.358	ug/L	98

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

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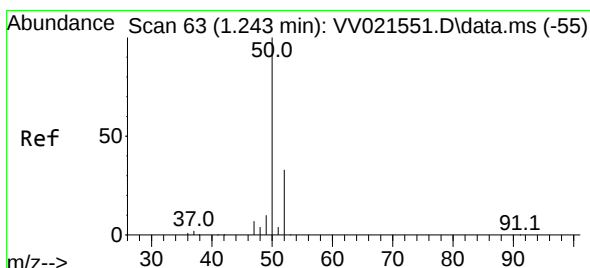
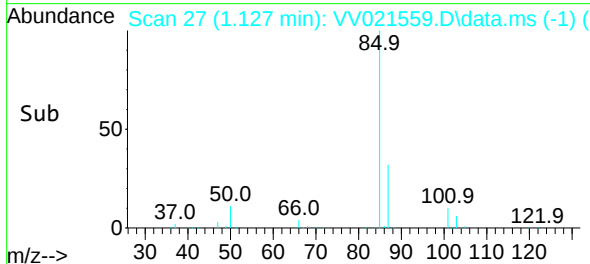
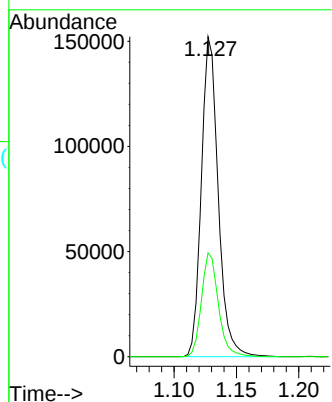
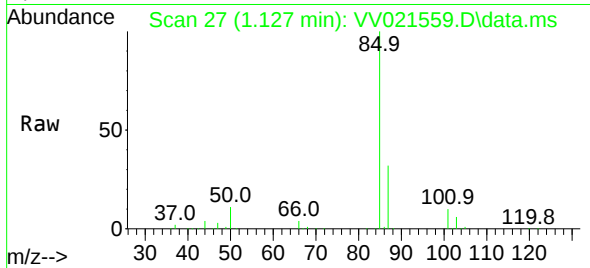




#2
 Dichlorodifluoromethane
 Concen: 45.207 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021559.D
 Acq: 24 Jun 2021 09:48

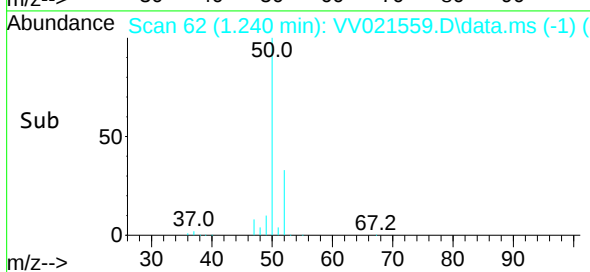
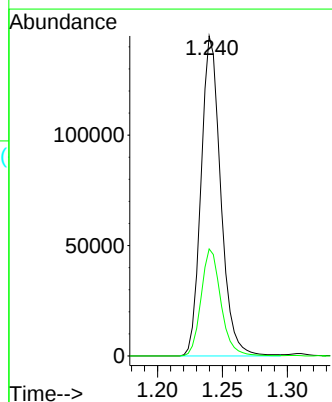
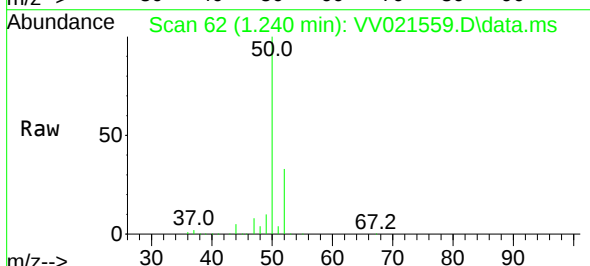
Instrument :
 MSVOA_V
 ClientSampled :

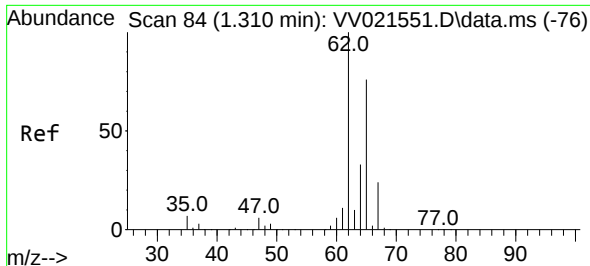
Tgt Ion: 85 Resp: 143240
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.6 39.8



#3
 Chloromethane
 Concen: 48.473 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV021559.D
 Acq: 24 Jun 2021 09:48

Tgt Ion: 50 Resp: 153003
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.3 43.3

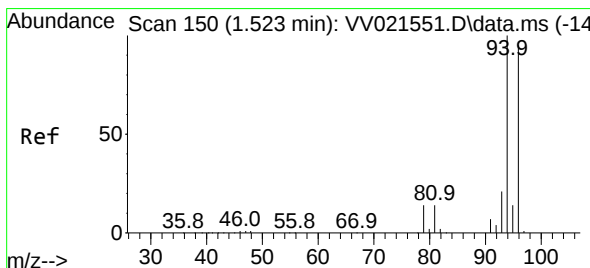
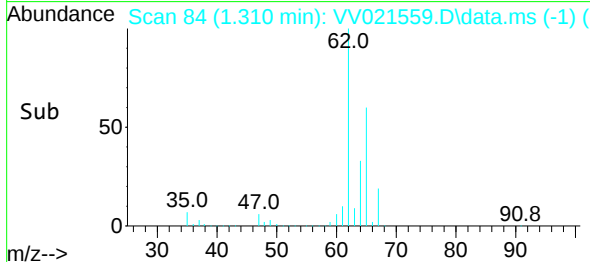
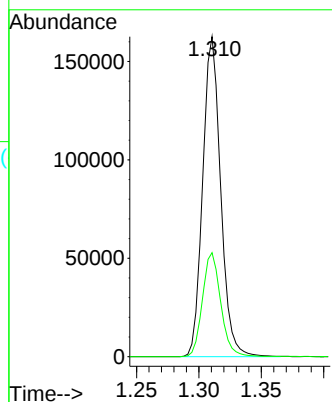
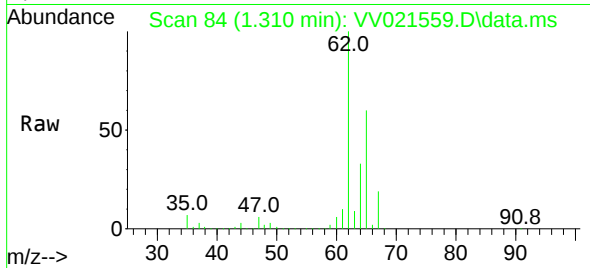




#5
 Vinyl chloride
 Concen: 50.279 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV021559.D
 Acq: 24 Jun 2021 09:48

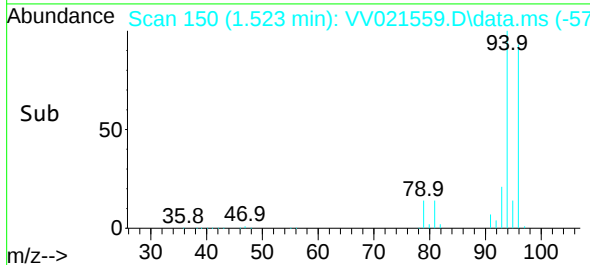
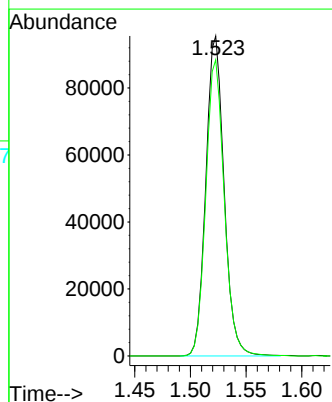
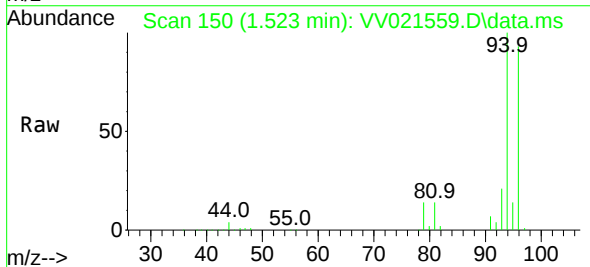
Instrument :
 MSVOA_V
 ClientSampled :

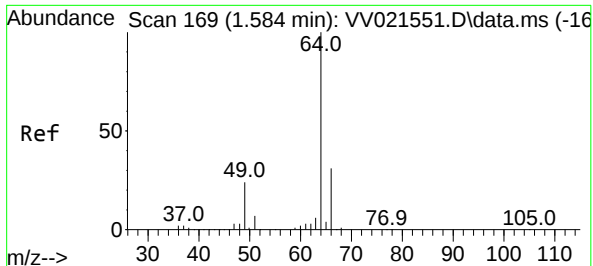
Tgt Ion: 62 Resp: 162879
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.1 42.9



#6
 Bromomethane
 Concen: 49.019 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV021559.D
 Acq: 24 Jun 2021 09:48

Tgt Ion: 94 Resp: 108753
 Ion Ratio Lower Upper
 94 100
 96 92.5 65.2 121.0

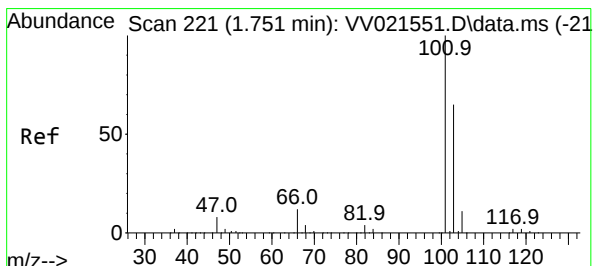
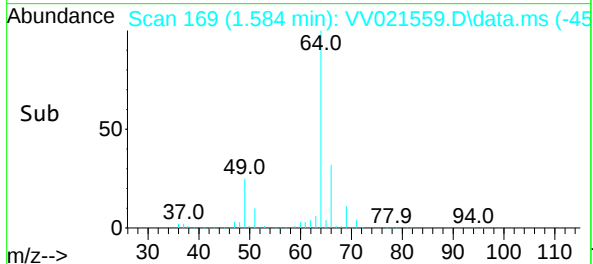
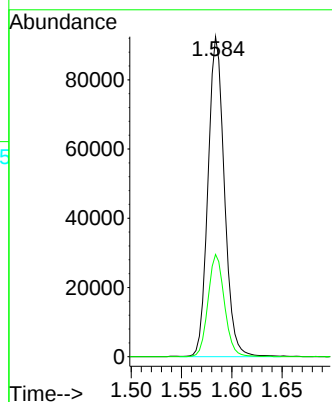
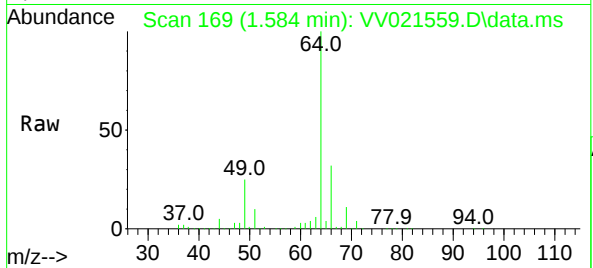




#8
Chloroethane
Concen: 56.899 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

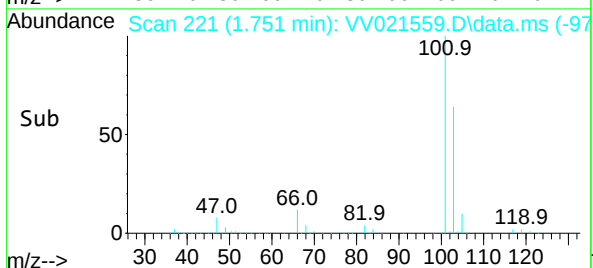
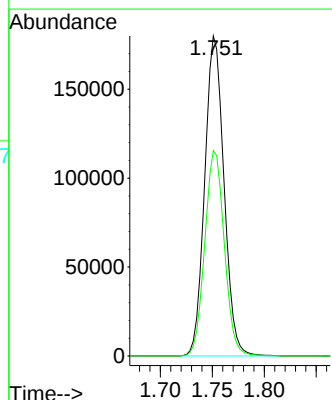
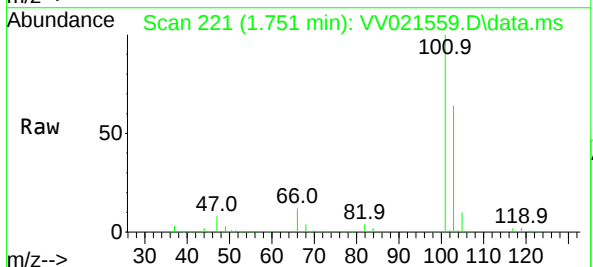
Instrument :
MSVOA_V
ClientSampleId :

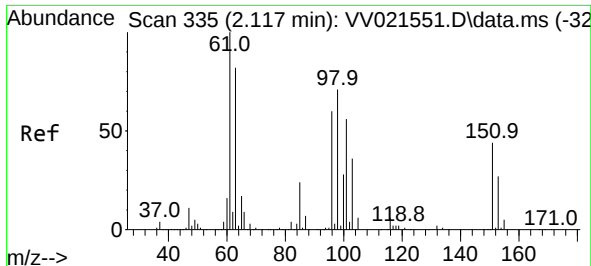
Tgt Ion: 64 Resp: 104801
Ion Ratio Lower Upper
64 100
66 32.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 48.175 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

Tgt Ion:101 Resp: 231490
Ion Ratio Lower Upper
101 100
103 65.0 52.1 78.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 50.970 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV021559.D

Acq: 24 Jun 2021 09:48

Tgt Ion:101 Resp: 142370

Ion Ratio Lower Upper

101 100

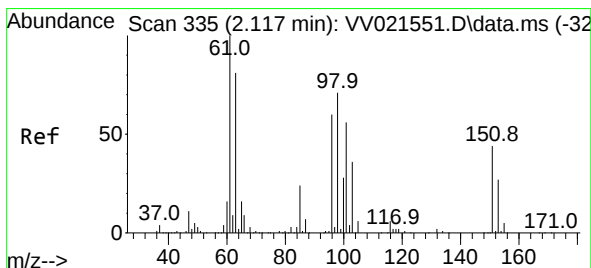
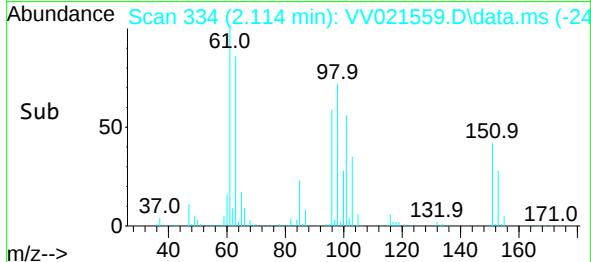
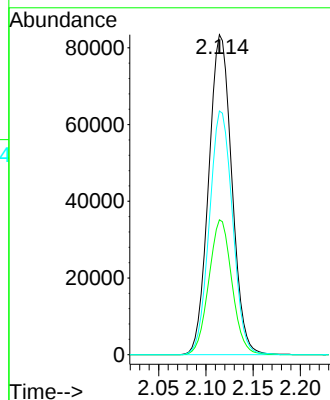
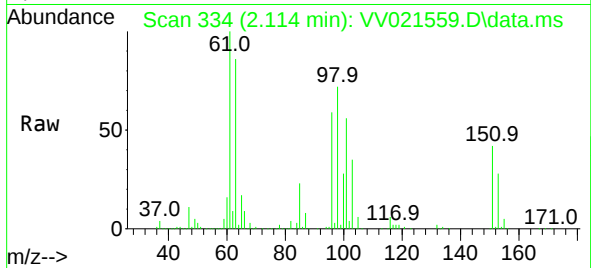
85 42.0 32.6 49.0

151 76.2 70.0 105.0

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 48.886 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV021559.D

Acq: 24 Jun 2021 09:48

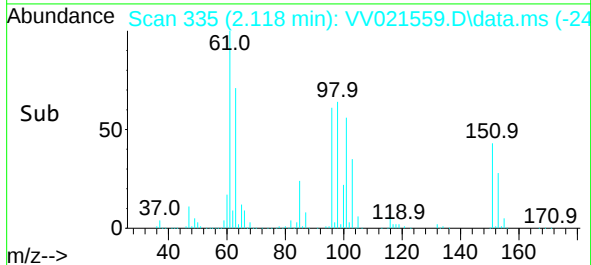
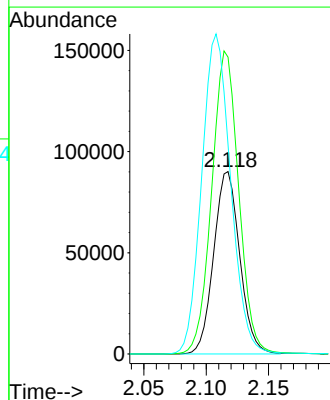
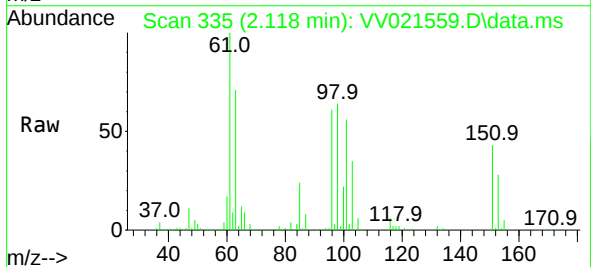
Tgt Ion: 96 Resp: 131157

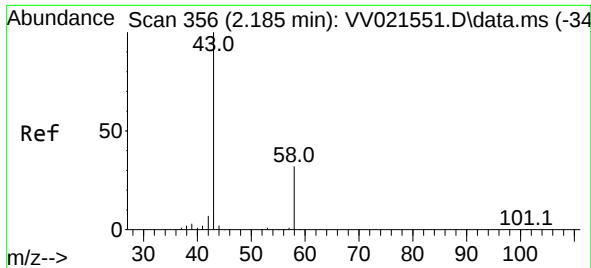
Ion Ratio Lower Upper

96 100

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63 114.7 86.6 160.8

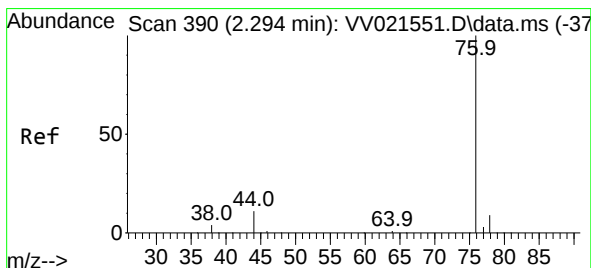
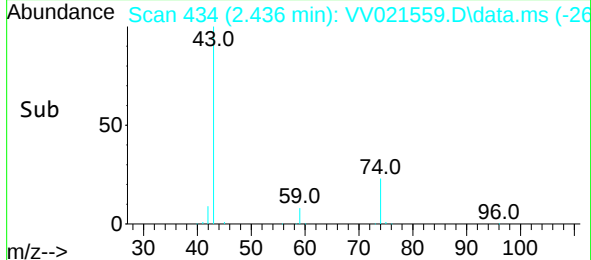
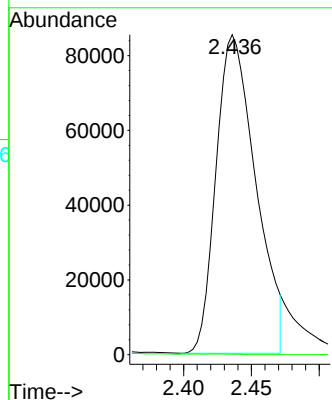
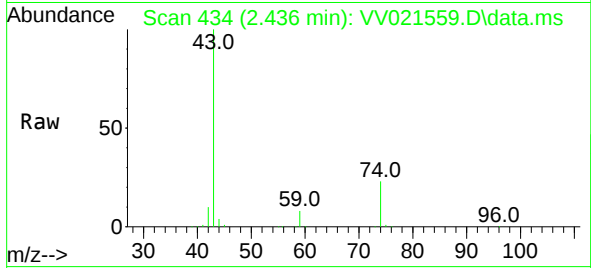




#13
Acetone
Concen: 93.329 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.251 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

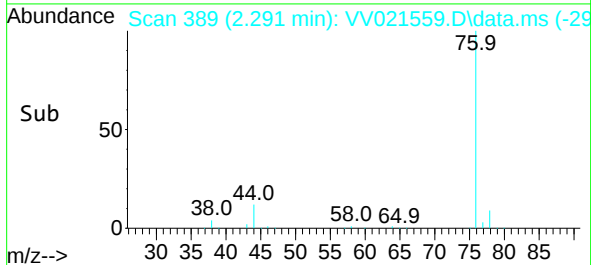
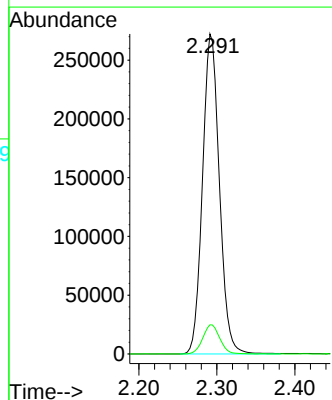
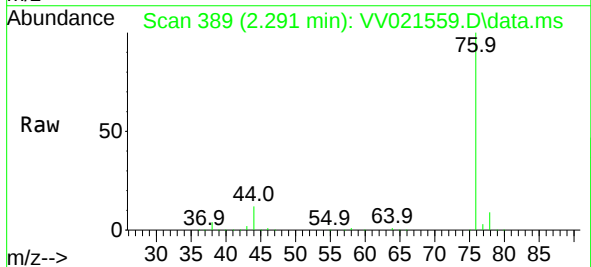
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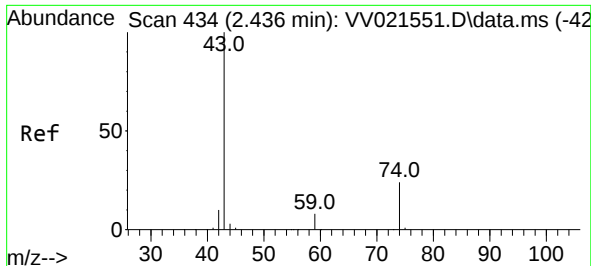
Tgt Ion: 43 Resp: 173308
Ion Ratio Lower Upper
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58 0.1 0.0 0.2



#14
Carbon disulfide
Concen: 48.386 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

Tgt Ion: 76 Resp: 409271
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

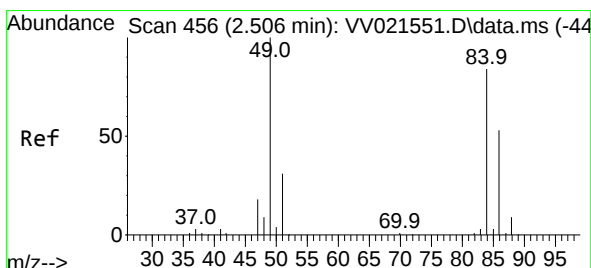
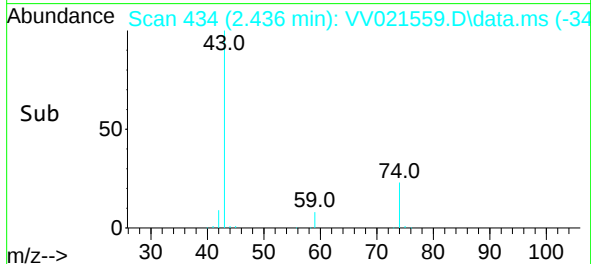
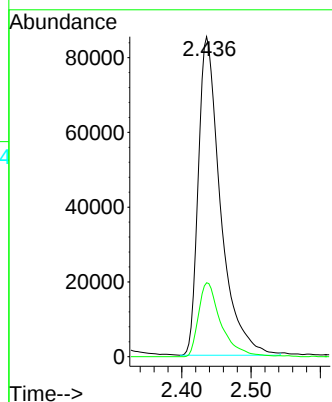
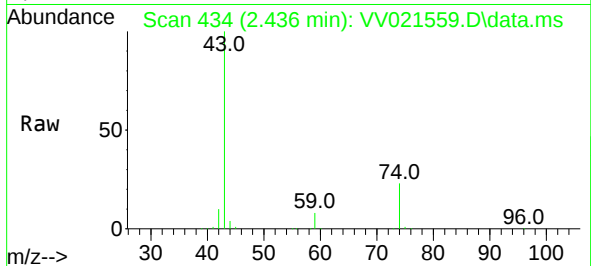




#15
Methyl Acetate
Concen: 59.726 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

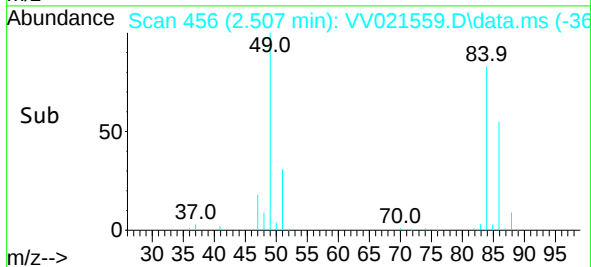
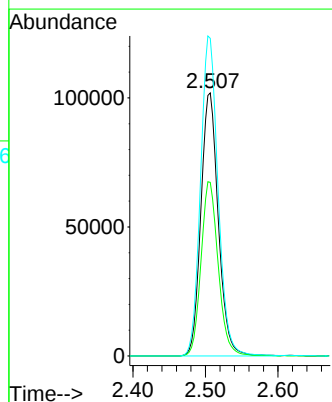
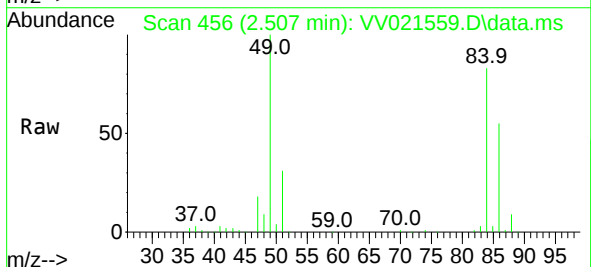
Instrument :
MSVOA_V
ClientSampled :

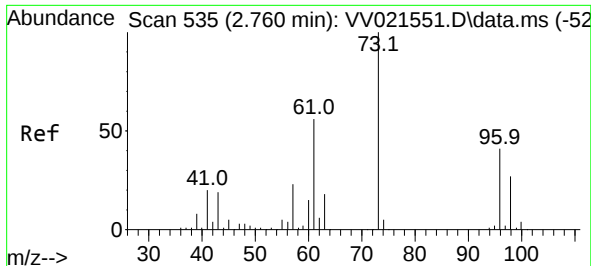
Tgt Ion: 43 Resp: 190032
Ion Ratio Lower Upper
43 100
74 23.5 20.4 30.6



#16
Methylene chloride
Concen: 50.635 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

Tgt Ion: 84 Resp: 170184
Ion Ratio Lower Upper
84 100
86 66.0 44.1 81.9
49 120.7 80.8 150.0

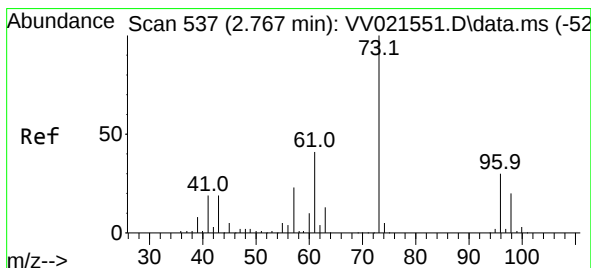
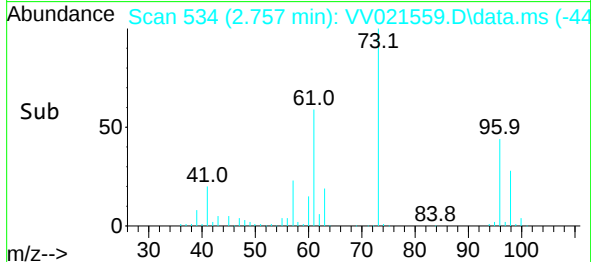
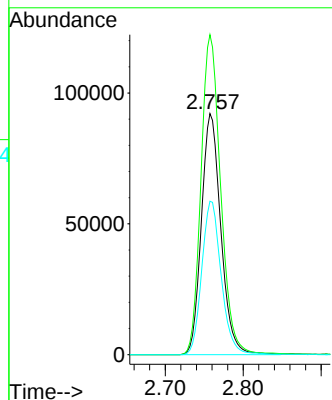
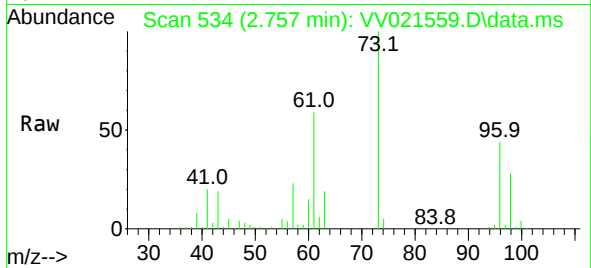




#17
trans-1,2-Dichloroethene
Concen: 52.236 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

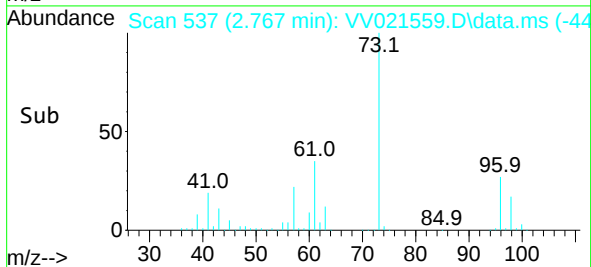
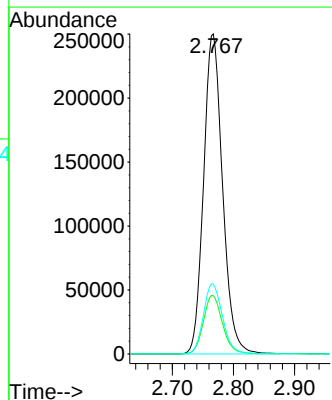
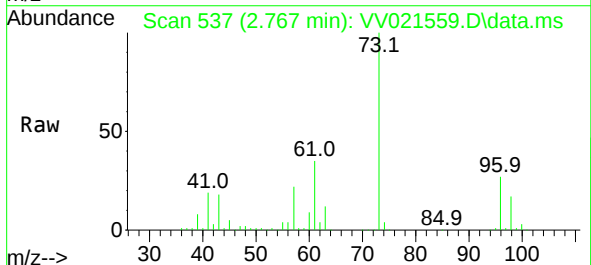
Instrument :
MSVOA_V
ClientSampleId :

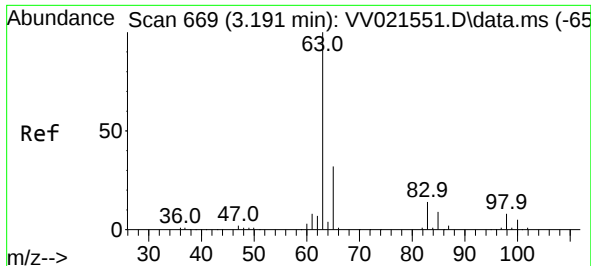
Tgt Ion: 96 Resp: 159891
Ion Ratio Lower Upper
96 100
61 132.7 88.8 165.0
98 63.7 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 55.566 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

Tgt Ion: 73 Resp: 539196
Ion Ratio Lower Upper
73 100
43 18.1 13.9 20.9
57 22.1 17.1 25.7

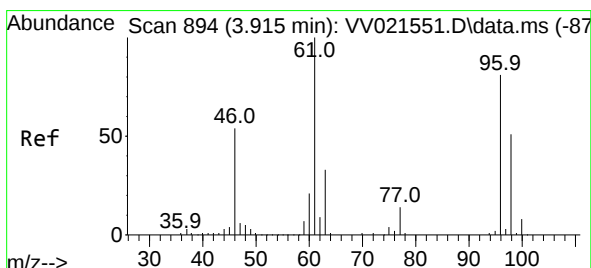
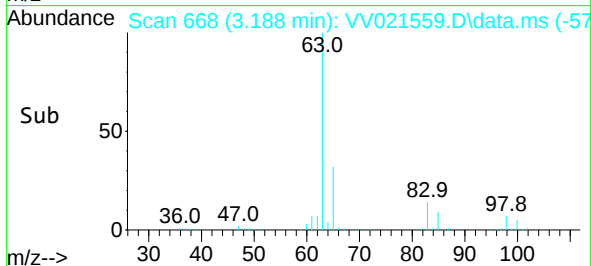
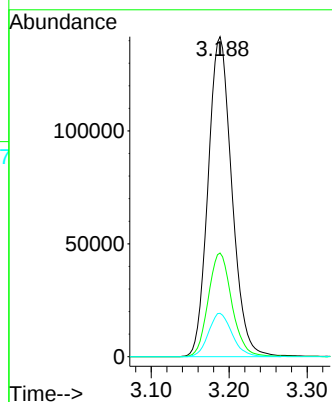
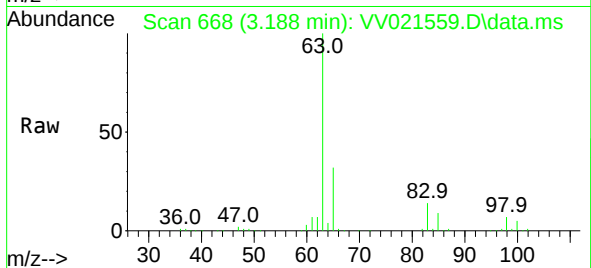




#19
1,1-Dichloroethane
Concen: 55.228 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.003 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

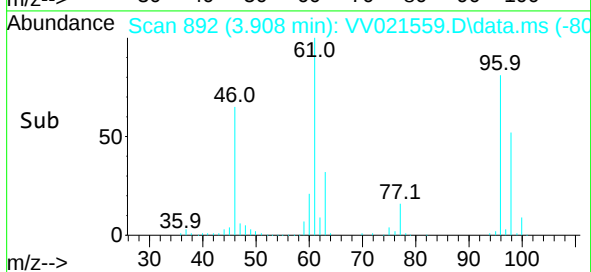
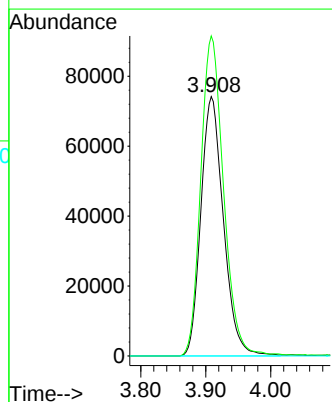
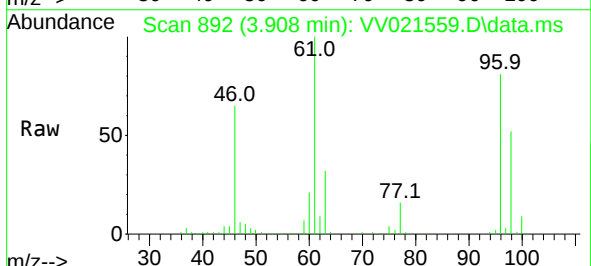
Instrument :
MSVOA_V
ClientSampleId :

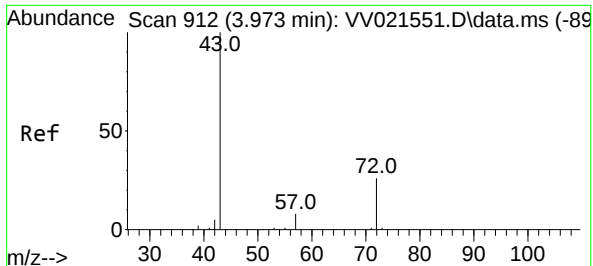
Tgt Ion: 63 Resp: 299574
Ion Ratio Lower Upper
63 100
65 32.4 22.5 41.7
83 13.6 10.1 18.9



#20
cis-1,2-Dichloroethene
Concen: 52.309 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.006 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

Tgt Ion: 96 Resp: 179131
Ion Ratio Lower Upper
96 100
61 123.4 82.4 153.0
68 0.0 0.0 0.0

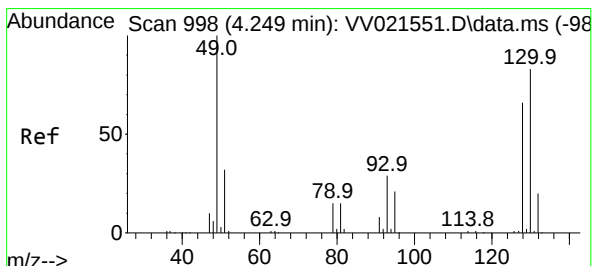
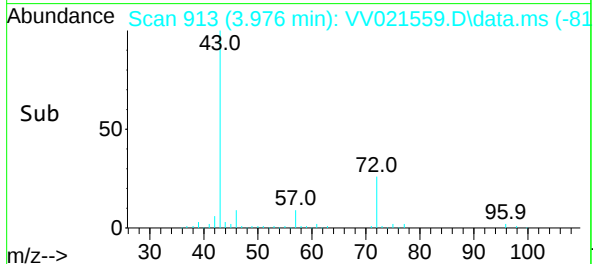
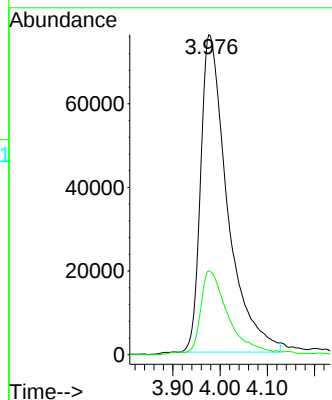
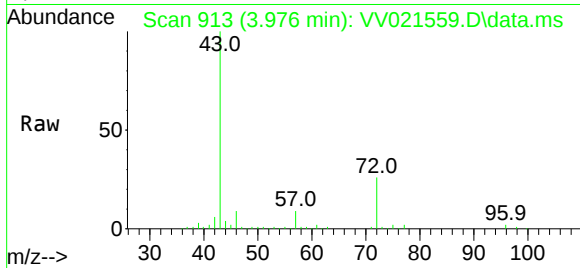




#22
2-Butanone
Concen: 127.250 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.003 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

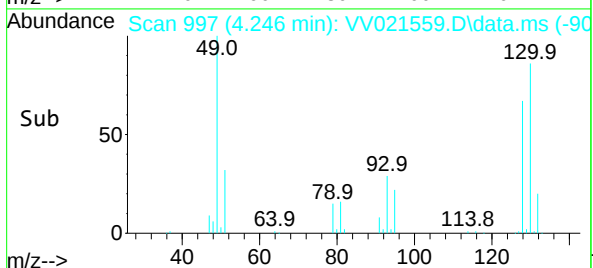
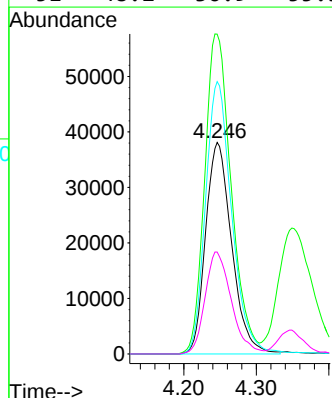
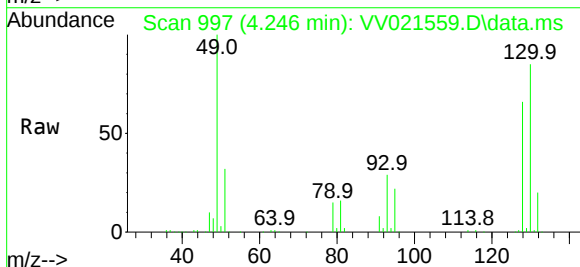
Instrument :
MSVOA_V
ClientSampled :

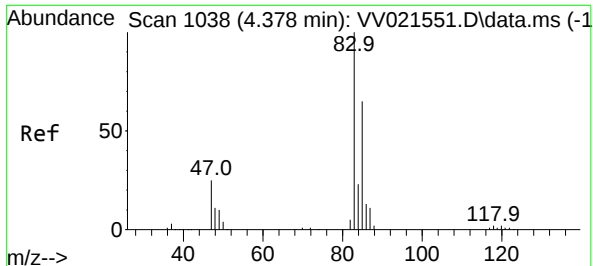
Tgt Ion: 43 Resp: 299337
Ion Ratio Lower Upper
43 100
72 25.7 13.1 39.1



#23
Bromochloromethane
Concen: 50.145 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

Tgt Ion: 128 Resp: 95107
Ion Ratio Lower Upper
128 100
49 151.2 96.8 179.8
130 128.8 90.2 167.6
51 48.2 36.9 55.3





#25

Chloroform

Concen: 54.945 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VV021559.D

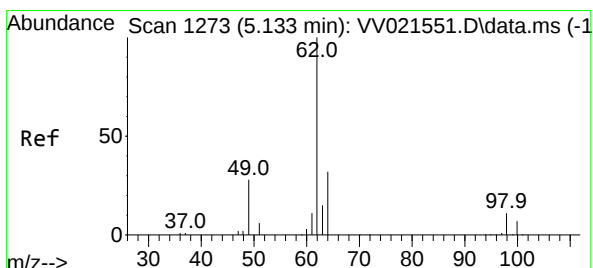
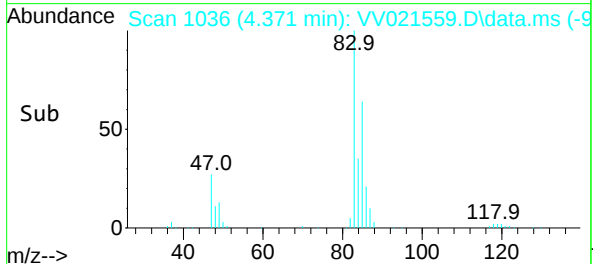
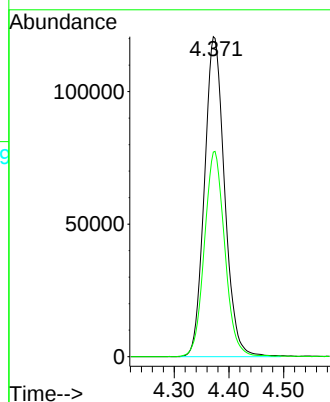
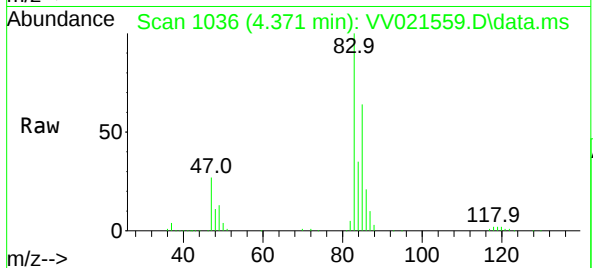
Acq: 24 Jun 2021 09:48

Tgt Ion: 83 Resp: 308422

Ion Ratio Lower Upper

83 100

85 63.9 45.1 83.7



#27

1,2-Dichloroethane

Concen: 57.586 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV021559.D

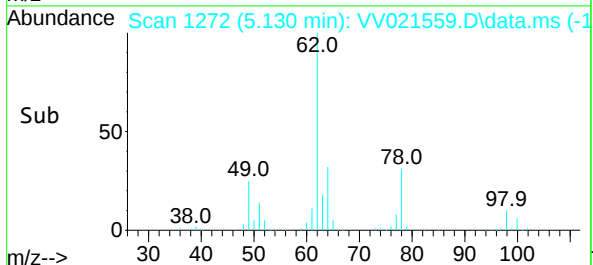
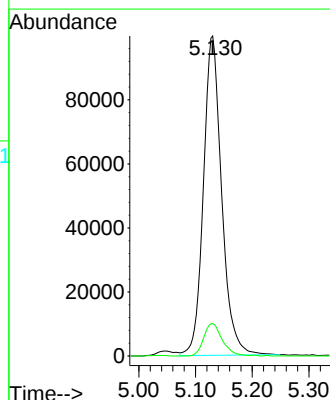
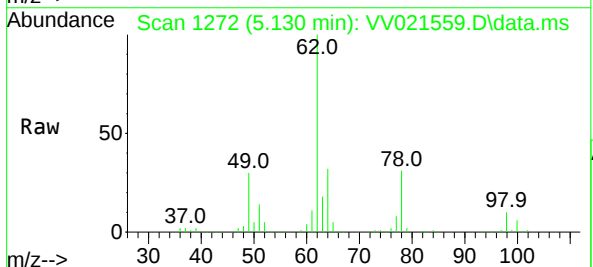
Acq: 24 Jun 2021 09:48

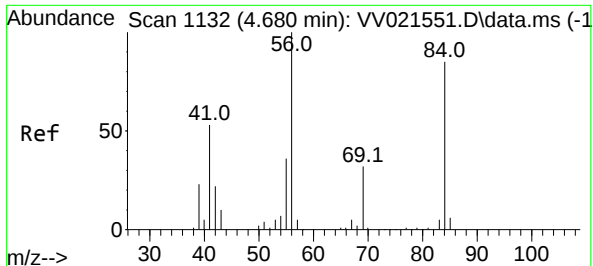
Tgt Ion: 62 Resp: 223310

Ion Ratio Lower Upper

62 100

98 10.1 8.6 12.8





#29

Cyclohexane

Concen: 53.754 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.006 min

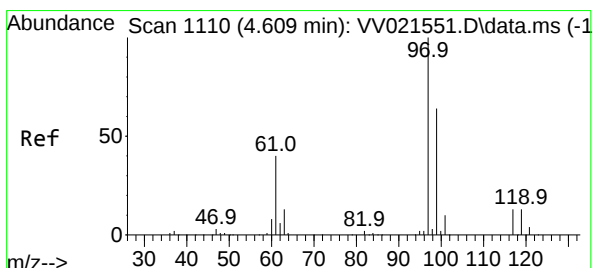
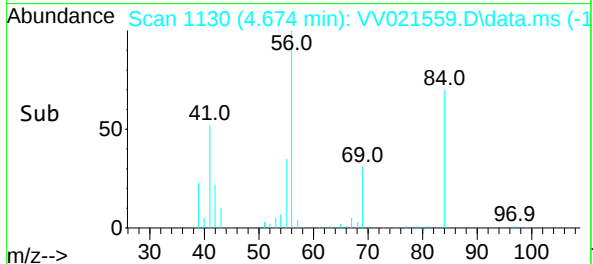
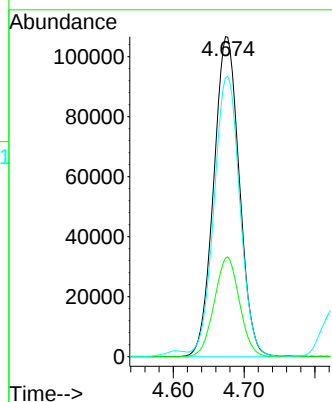
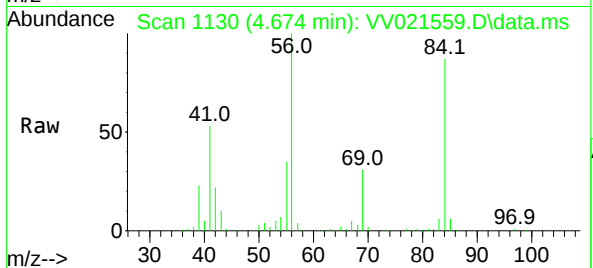
Lab File: VV021559.D

Acq: 24 Jun 2021 09:48

Tgt Ion: 56 Resp: 267808

Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.9	37.3
84	88.4	73.7	110.5

Instrument :
MSVOA_V
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 52.096 ug/L

RT: 4.606 min Scan# 1109

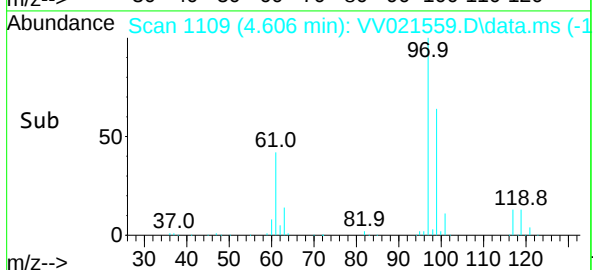
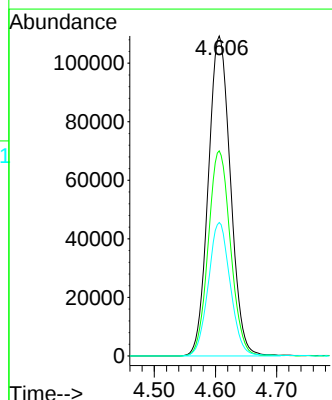
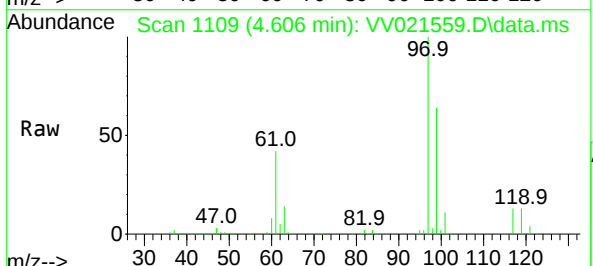
Delta R.T. -0.003 min

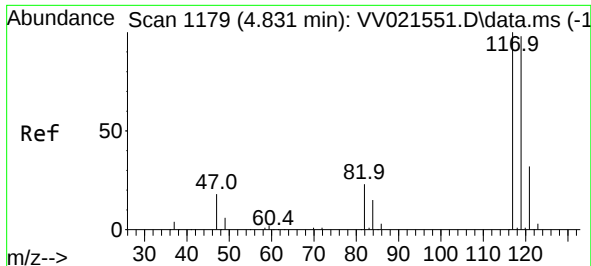
Lab File: VV021559.D

Acq: 24 Jun 2021 09:48

Tgt Ion: 97 Resp: 275017

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.6
61	41.3	30.2	45.4

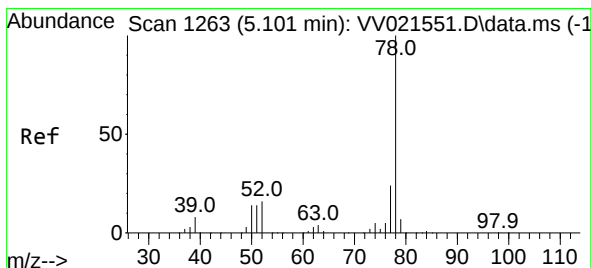
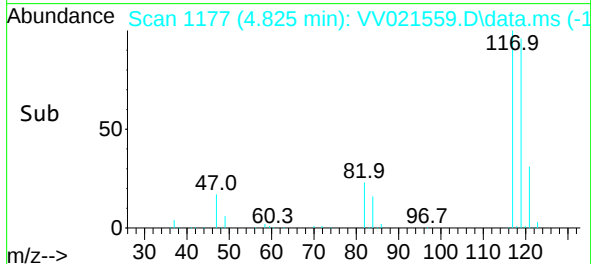
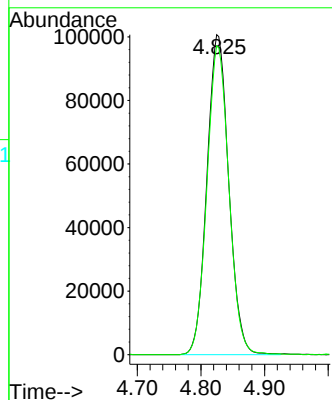
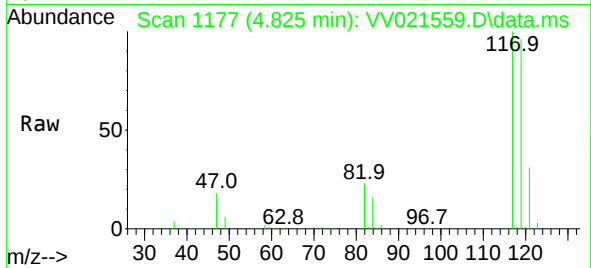




#31
Carbon tetrachloride
Concen: 50.086 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.006 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

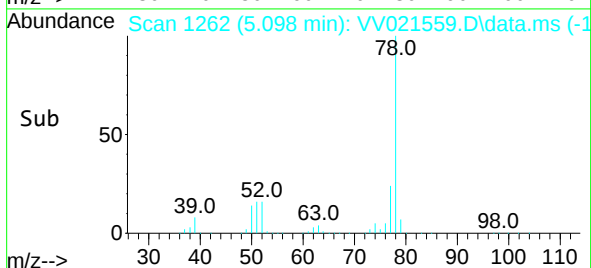
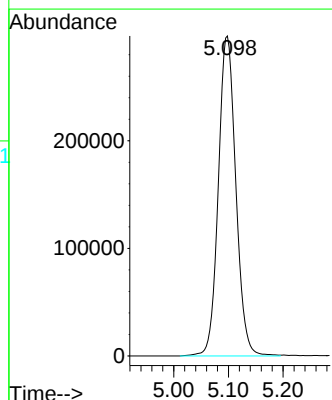
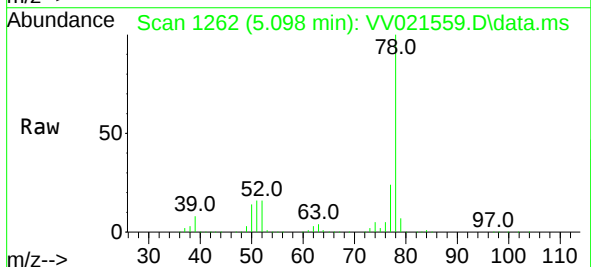
Instrument :
MSVOA_V
ClientSampled :

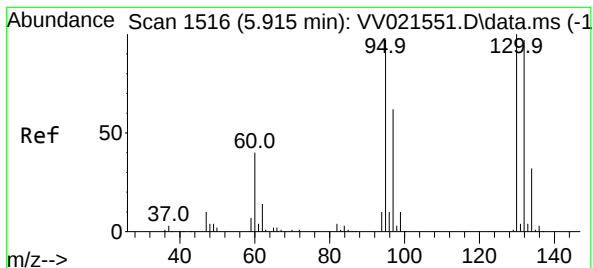
Tgt Ion:117 Resp: 240029
Ion Ratio Lower Upper
117 100
119 97.0 76.8 115.2



#33
Benzene
Concen: 53.952 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

Tgt Ion: 78 Resp: 660370





#34

Trichloroethene

Concen: 53.423 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. -0.003 min

Lab File: VV021559.D

Acq: 24 Jun 2021 09:48

Tgt Ion: 95 Resp: 177743

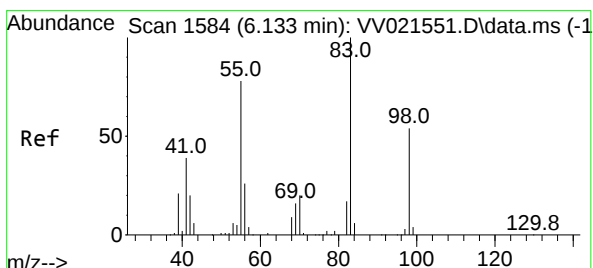
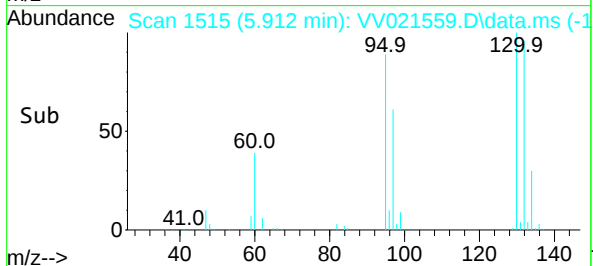
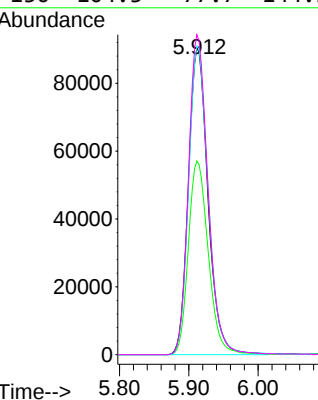
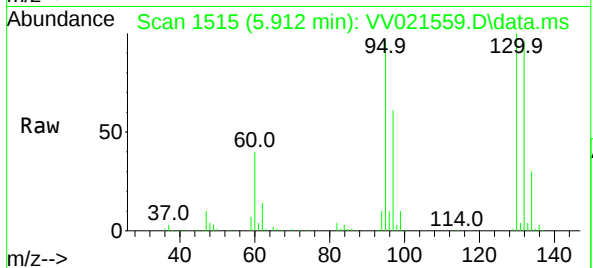
Ion Ratio Lower Upper

95 100

97 63.1 44.3 82.3

132 100.6 73.2 136.0

130 104.3 77.7 144.3



#35

Methylcyclohexane

Concen: 51.418 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.003 min

Lab File: VV021559.D

Acq: 24 Jun 2021 09:48

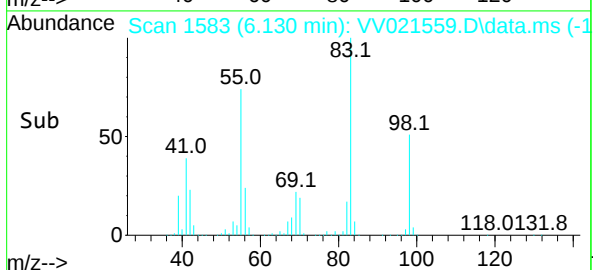
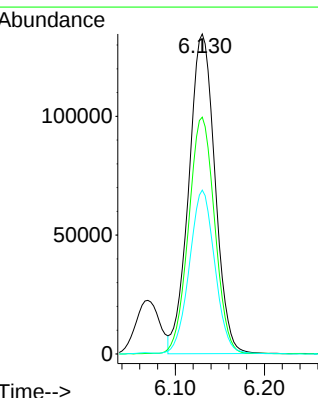
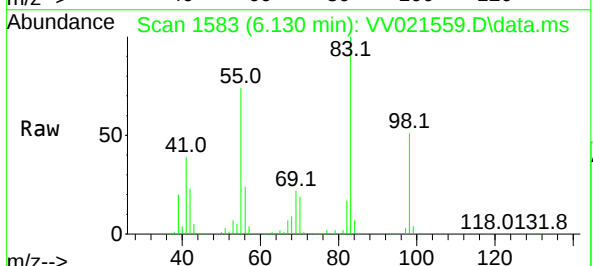
Tgt Ion: 83 Resp: 274614

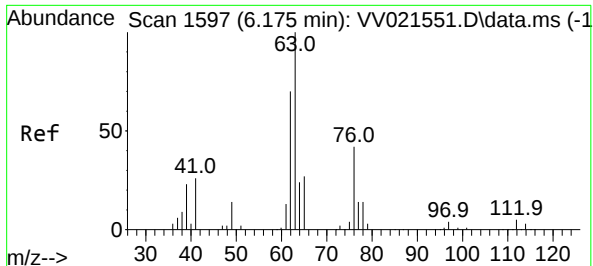
Ion Ratio Lower Upper

83 100

55 73.5 58.0 87.0

98 49.9 40.8 61.2



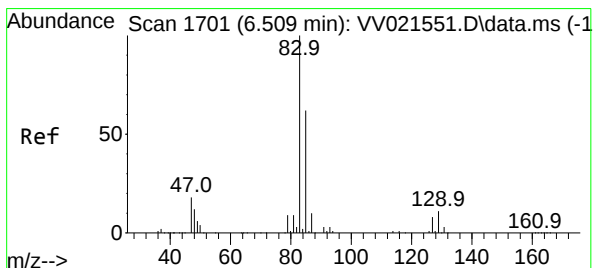
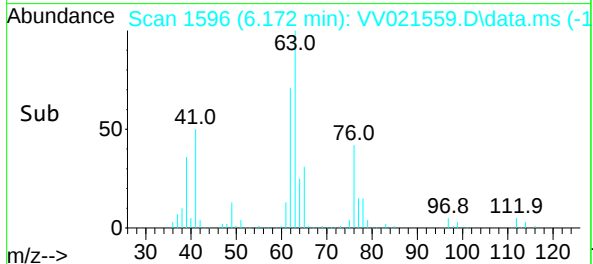
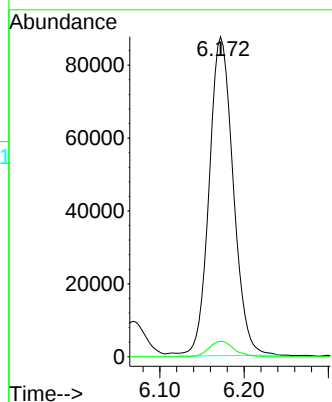
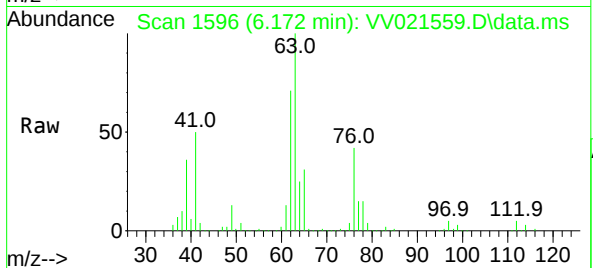


#37

1,2-Dichloropropane
Concen: 55.637 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

Instrument :
MSVOA_V
ClientSampled :

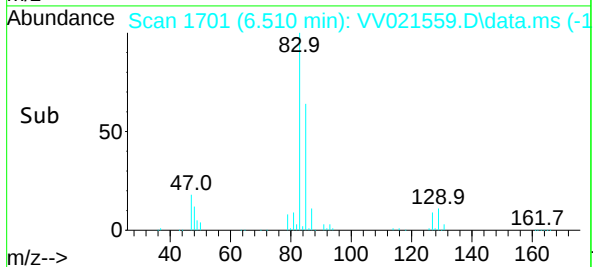
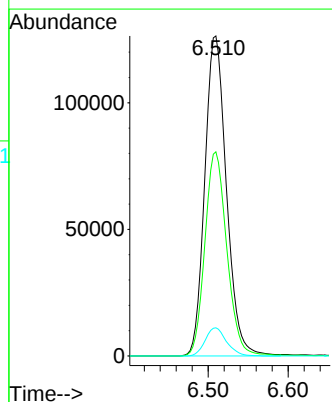
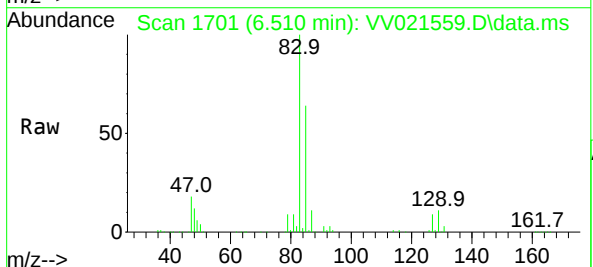
Tgt Ion: 63 Resp: 173634
Ion Ratio Lower Upper
63 100
112 5.0 4.0 6.0

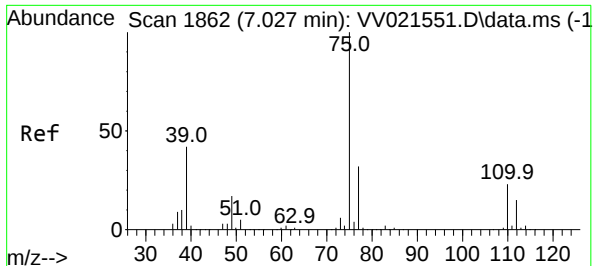


#38

Bromodichloromethane
Concen: 54.460 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

Tgt Ion: 83 Resp: 238495
Ion Ratio Lower Upper
83 100
85 63.8 44.6 82.8
127 8.8 7.6 11.4

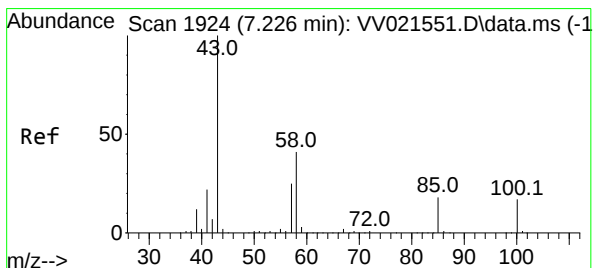
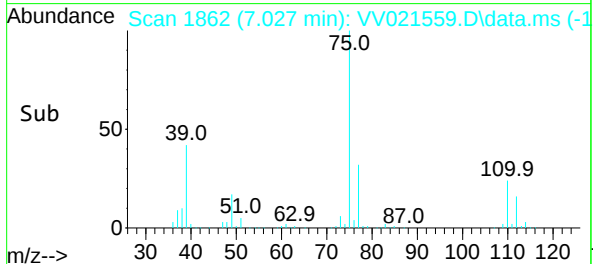
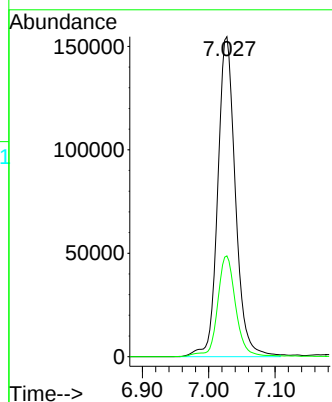
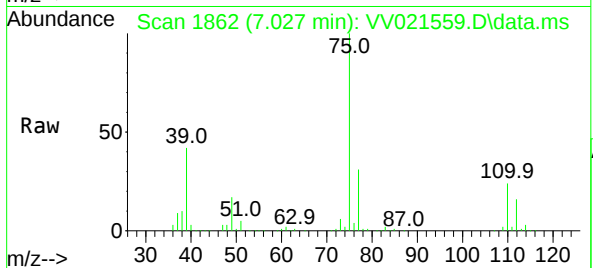




#39
 cis-1,3-Dichloropropene
 Concen: 54.641 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV021559.D
 Acq: 24 Jun 2021 09:48

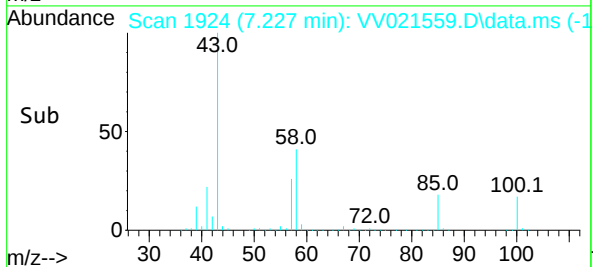
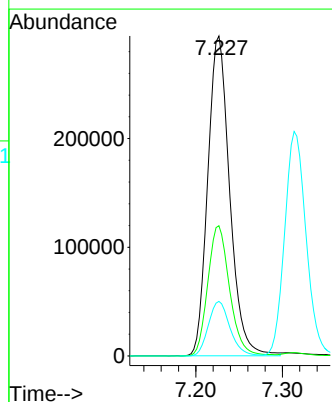
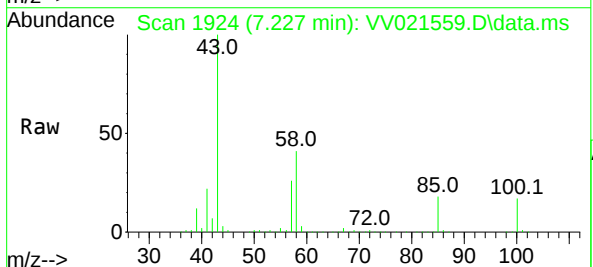
Instrument :
 MSVOA_V
 ClientSampled :

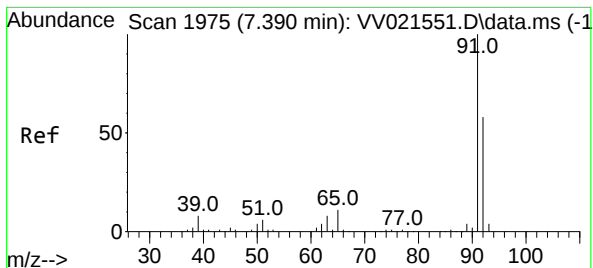
Tgt Ion: 75 Resp: 286702
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 122.344 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VV021559.D
 Acq: 24 Jun 2021 09:48

Tgt Ion: 43 Resp: 517703
 Ion Ratio Lower Upper
 43 100
 58 40.6 33.5 50.3
 100 16.9 14.8 22.2





#42

Toluene

Concen: 52.533 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV021559.D

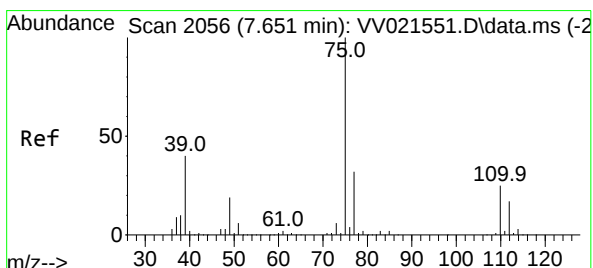
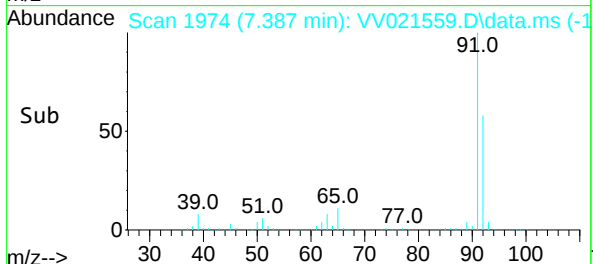
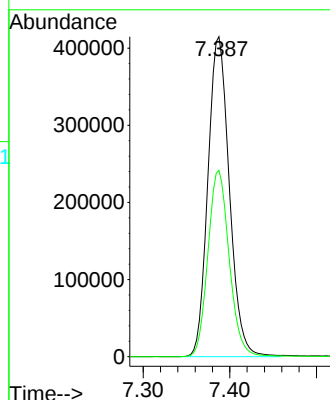
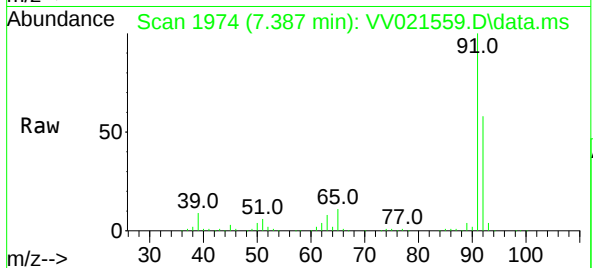
Acq: 24 Jun 2021 09:48

Tgt Ion: 91 Resp: 713308

Ion Ratio Lower Upper

91 100

92 58.2 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 55.184 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV021559.D

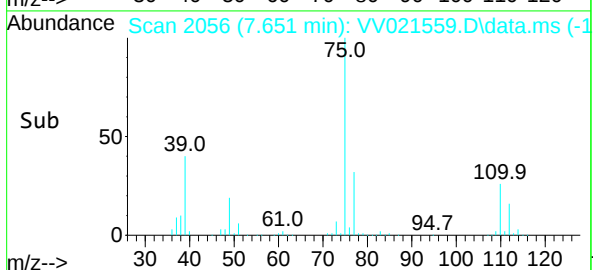
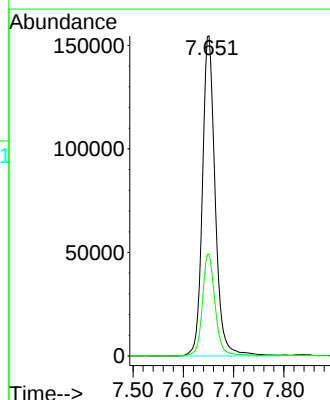
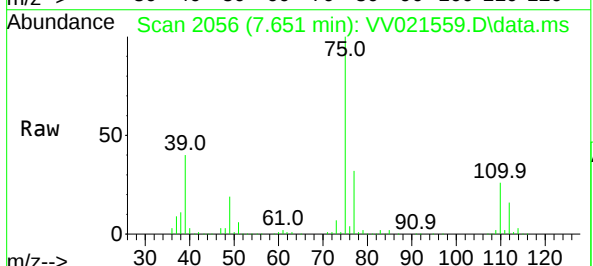
Acq: 24 Jun 2021 09:48

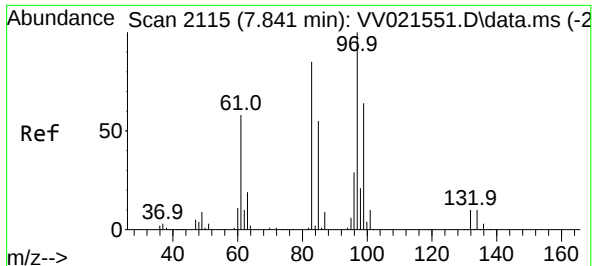
Tgt Ion: 75 Resp: 273920

Ion Ratio Lower Upper

75 100

77 31.9 22.9 42.5



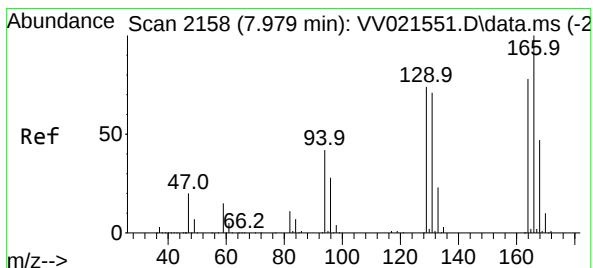
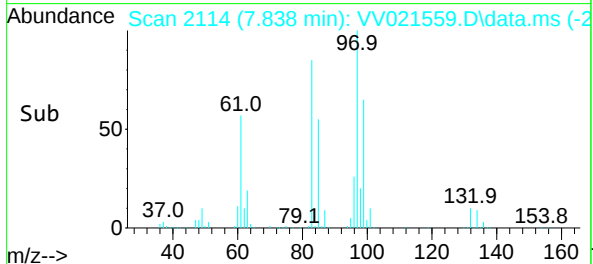
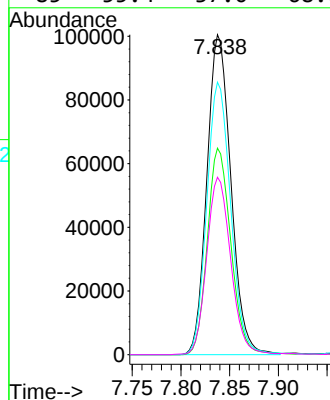
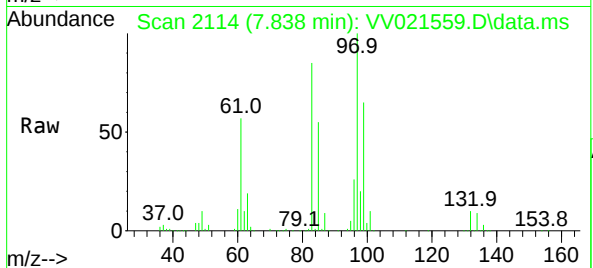


#45
1,1,2-Trichloroethane
Concen: 54.475 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 172546

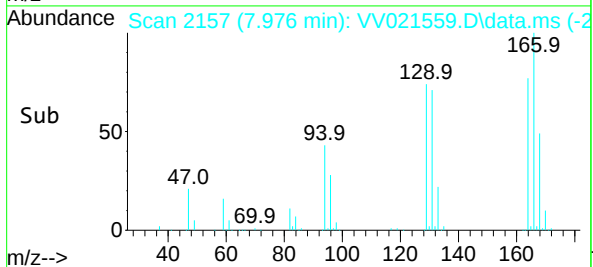
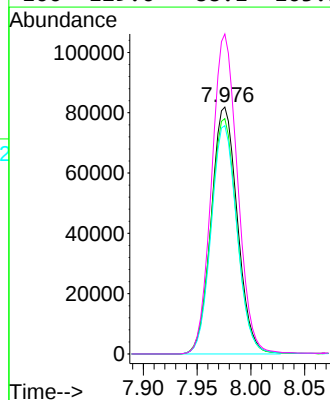
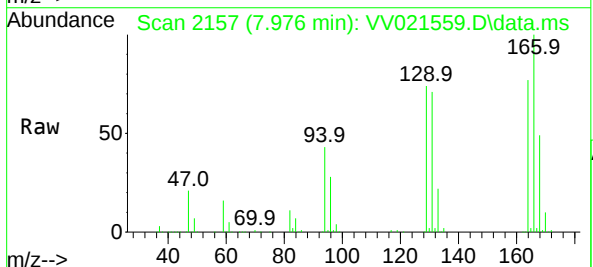
Ion	Ratio	Lower	Upper
97	100		
99	64.5	43.7	81.1
83	85.1	57.1	106.1
85	55.4	37.0	68.6

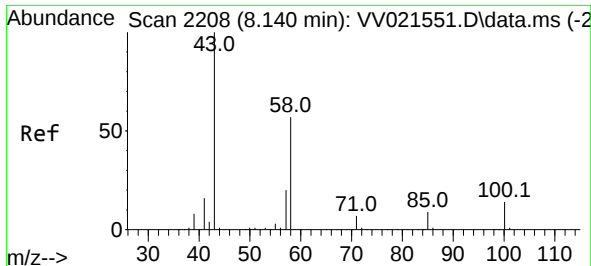


#46
Tetrachloroethene
Concen: 45.257 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

Tgt Ion: 164 Resp: 138438

Ion	Ratio	Lower	Upper
164	100		
129	95.3	60.5	112.3
131	92.5	58.7	108.9
166	129.6	88.1	163.5

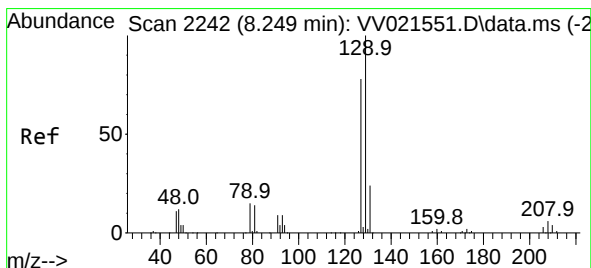
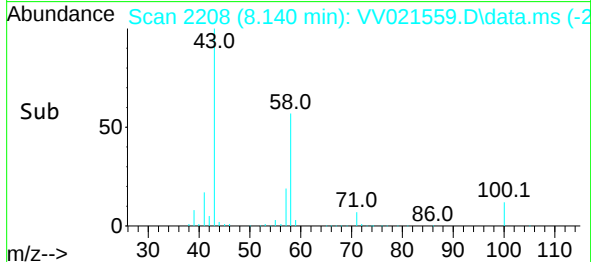
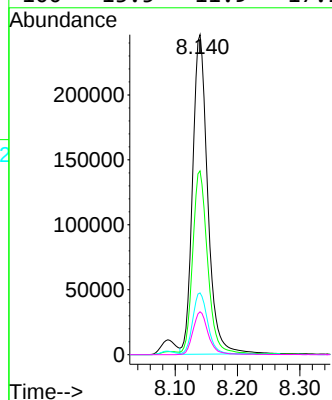
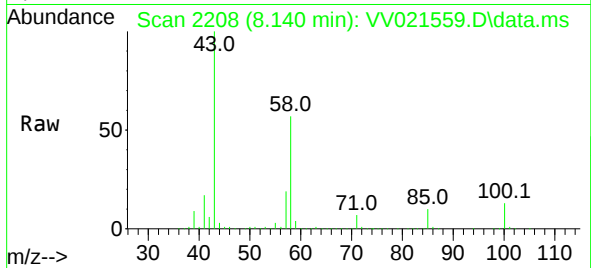




#48
2-Hexanone
Concen: 127.565 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

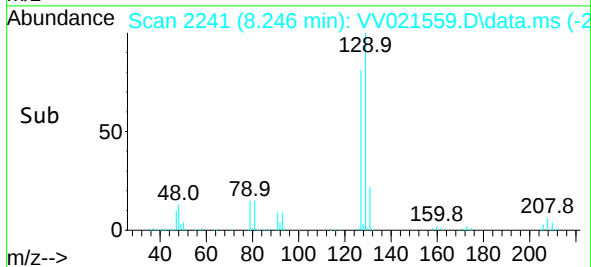
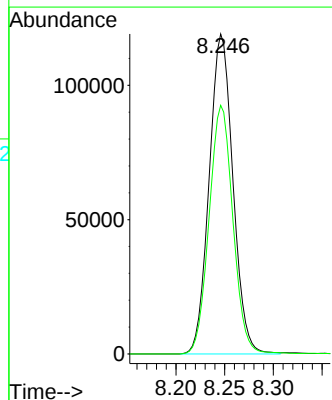
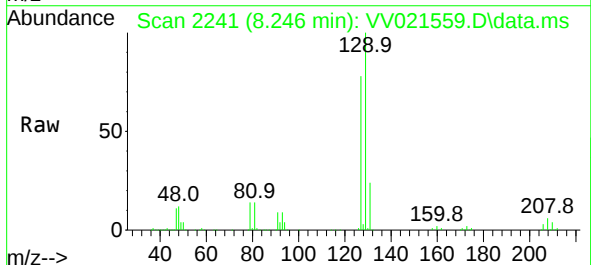
Instrument :
MSVOA_V
ClientSampled :

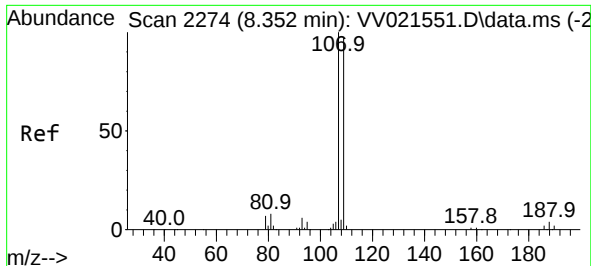
Tgt Ion:	43	Resp:	413996
Ion	Ratio	Lower	Upper
43	100		
58	55.6	47.1	70.7
57	18.9	16.0	24.0
100	13.5	11.9	17.9



#49
Dibromochloromethane
Concen: 50.887 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

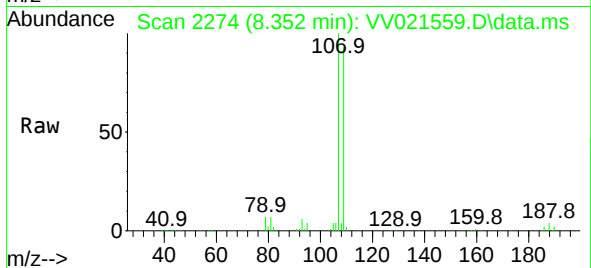
Tgt Ion:	129	Resp:	201832
Ion	Ratio	Lower	Upper
129	100		
127	77.7	53.0	98.4



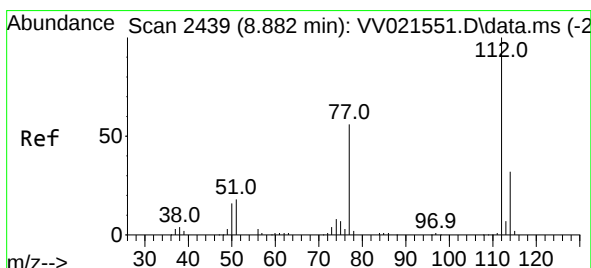
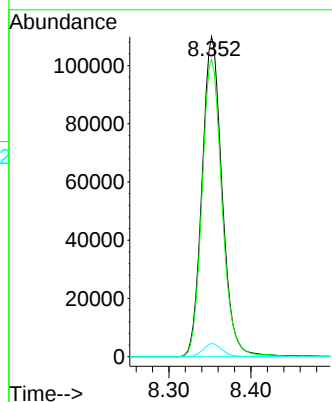
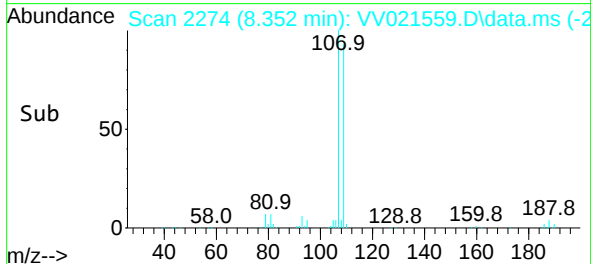


#50
1,2-Dibromoethane
Concen: 53.362 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

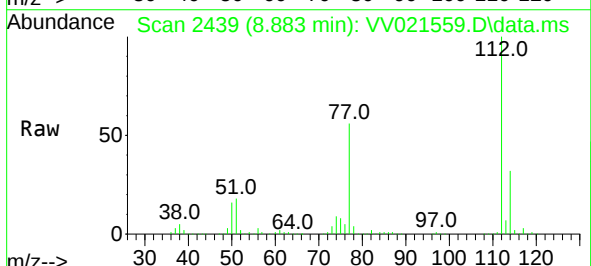
Instrument :
MSVOA_V
ClientSampleId :



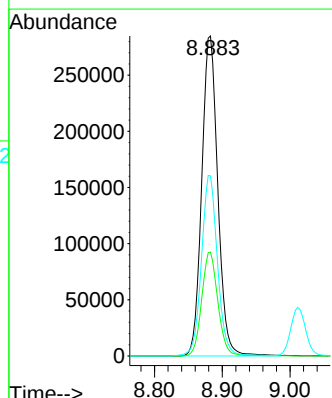
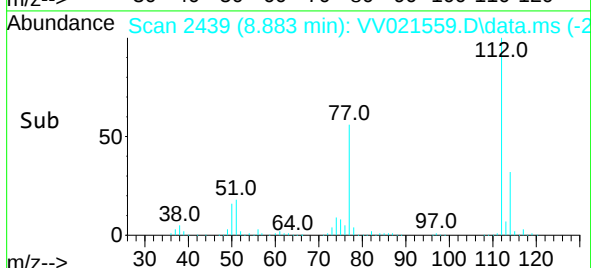
Tgt Ion:107 Resp: 186029
Ion Ratio Lower Upper
107 100
109 93.0 66.7 123.9
188 4.1 3.8 5.8

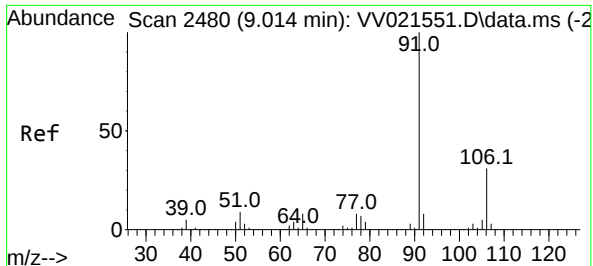


#51
Chlorobenzene
Concen: 52.232 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48



Tgt Ion:112 Resp: 468895
Ion Ratio Lower Upper
112 100
114 32.5 22.5 41.9
77 56.3 43.8 65.6





#52

Ethylbenzene

Concen: 53.348 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV021559.D

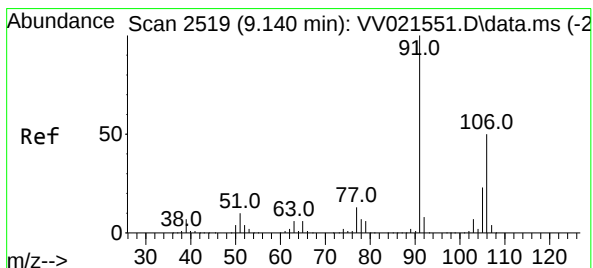
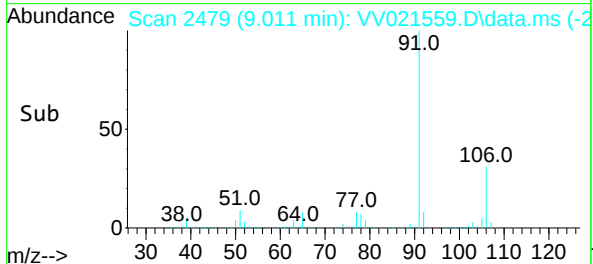
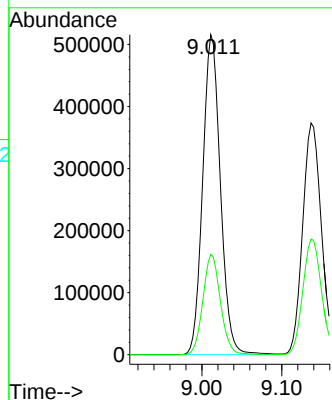
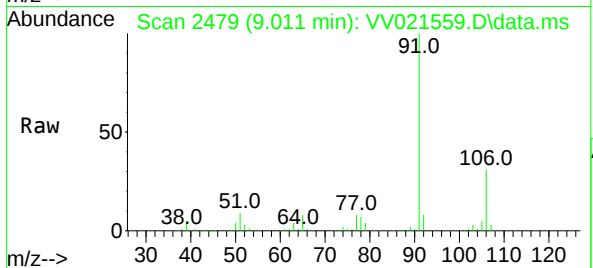
Acq: 24 Jun 2021 09:48

Tgt Ion: 91 Resp: 795627

Ion Ratio Lower Upper

91 100

106 31.3 22.4 41.6



#53

m,p-Xylene

Concen: 53.046 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV021559.D

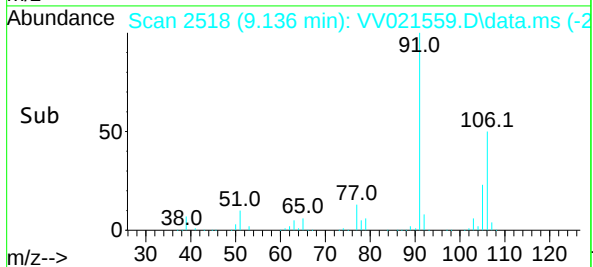
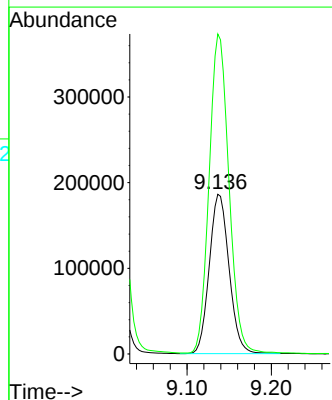
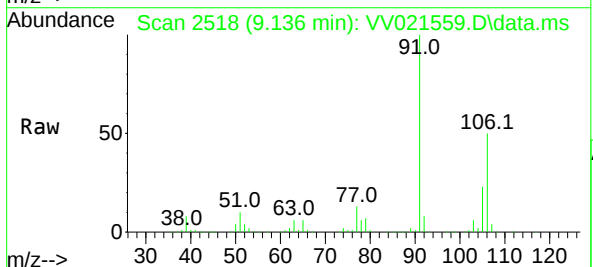
Acq: 24 Jun 2021 09:48

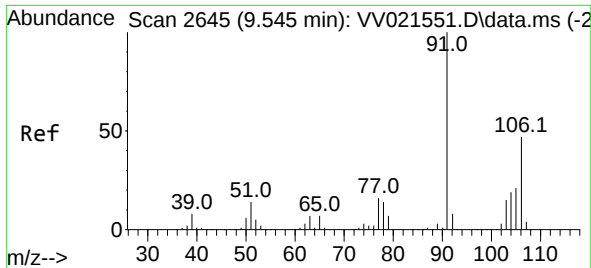
Tgt Ion: 106 Resp: 303970

Ion Ratio Lower Upper

106 100

91 200.3 139.4 258.8

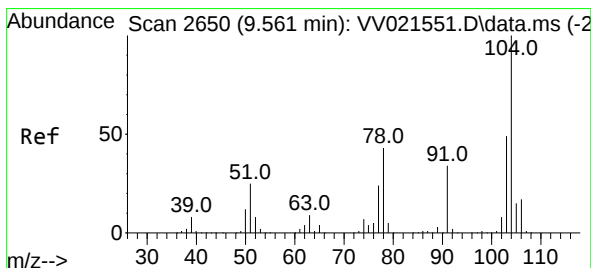
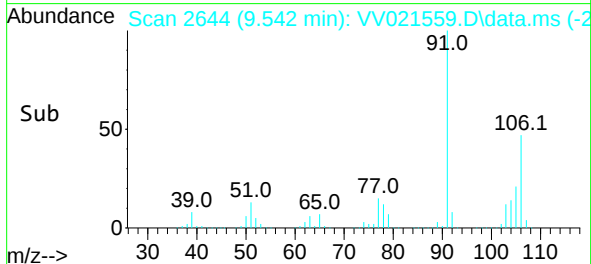
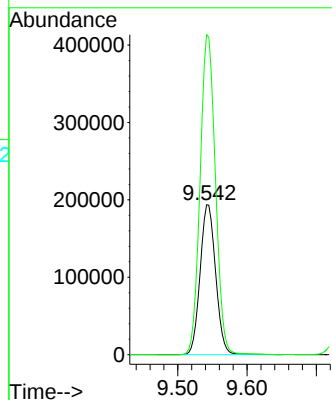
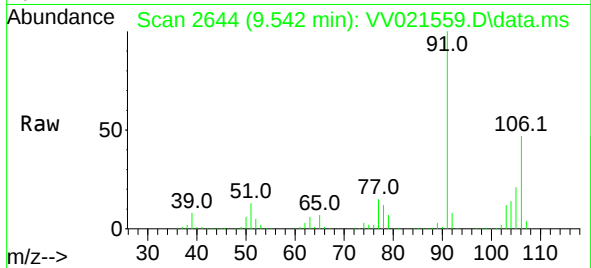




#54
o-Xylene
Concen: 53.199 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

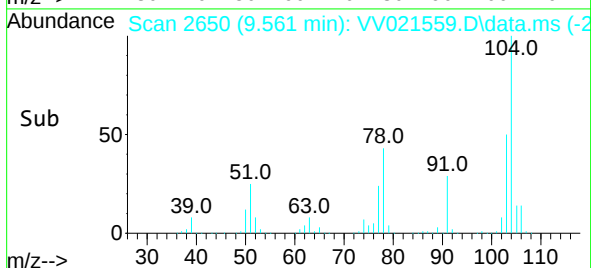
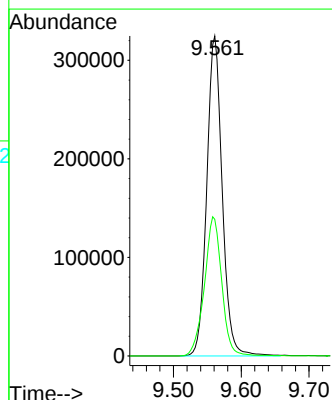
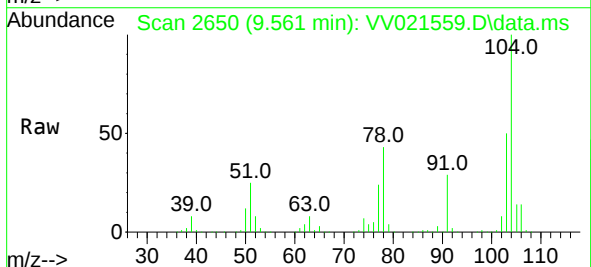
Instrument :
MSVOA_V
ClientSampled :

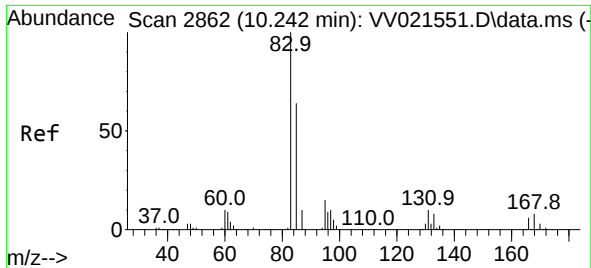
Tgt Ion:106 Resp: 300996
Ion Ratio Lower Upper
106 100
91 213.5 148.5 275.9



#55
Styrene
Concen: 52.928 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

Tgt Ion:104 Resp: 515401
Ion Ratio Lower Upper
104 100
78 42.7 30.3 56.3

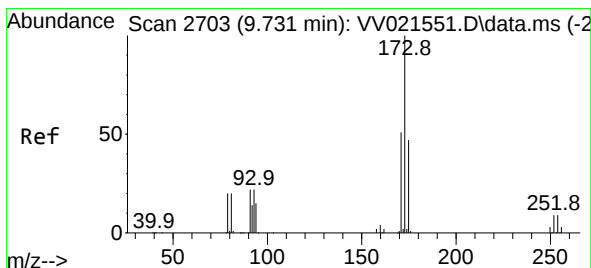
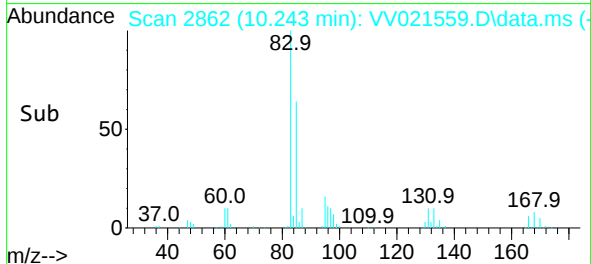
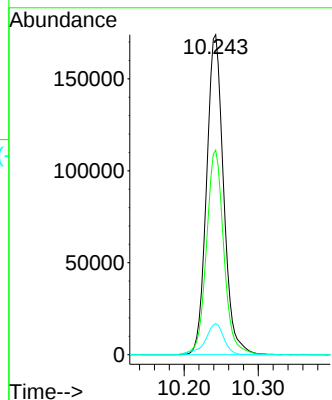
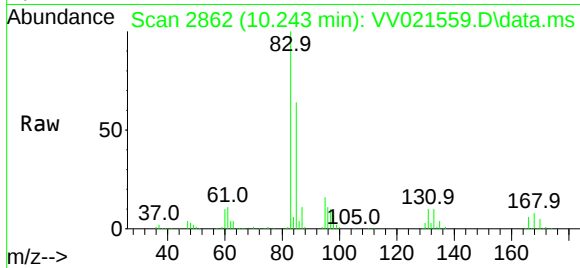




#57
1,1,2,2-Tetrachloroethane
Concen: 55.954 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

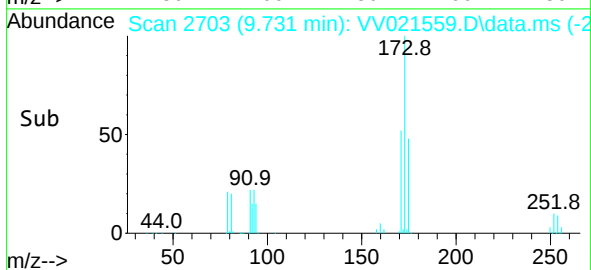
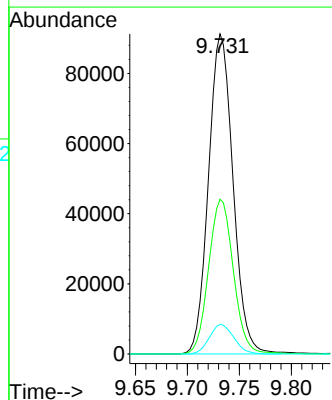
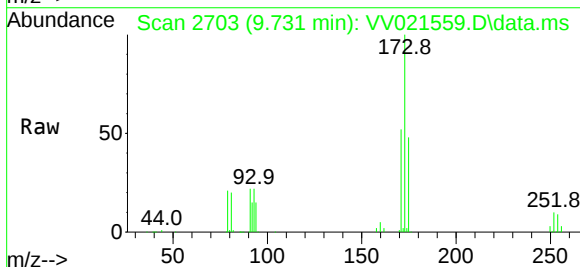
Instrument :
MSVOA_V
ClientSampleId :

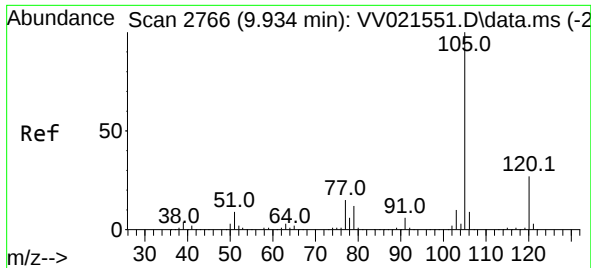
Tgt Ion: 83 Resp: 276653
Ion Ratio Lower Upper
83 100
85 63.9 45.8 85.2
131 9.7 8.7 13.1



#59
Bromoform
Concen: 48.452 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

Tgt Ion: 173 Resp: 149670
Ion Ratio Lower Upper
173 100
175 48.9 38.7 58.1
254 9.2 9.8 14.8#

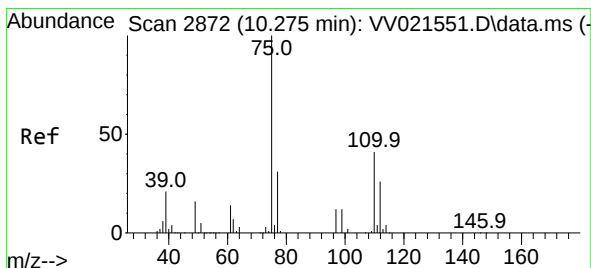
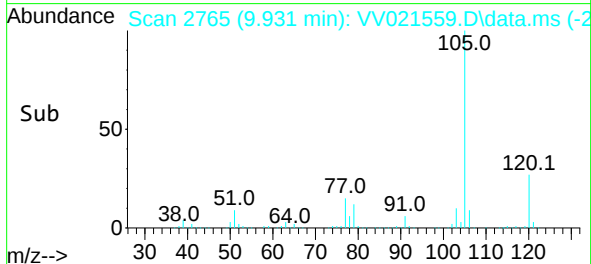
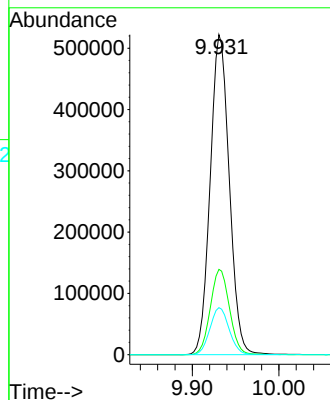
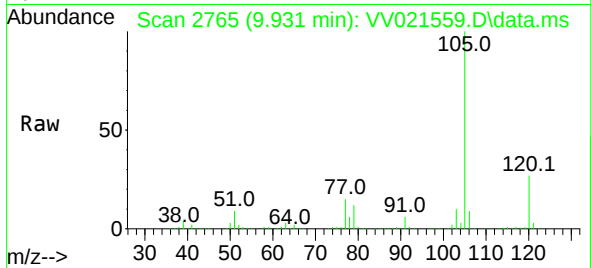




#60
Isopropylbenzene
Concen: 56.300 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

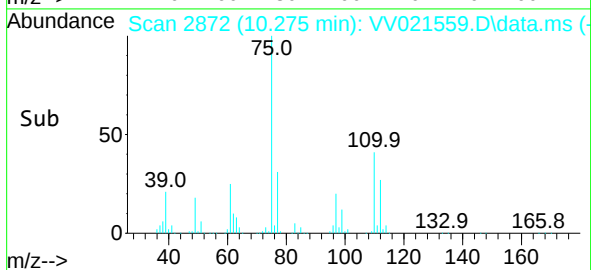
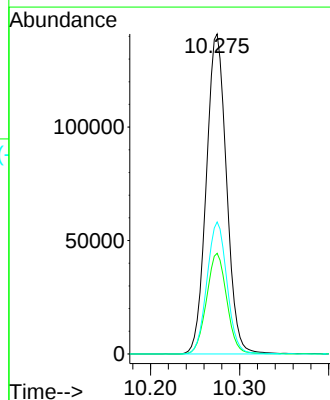
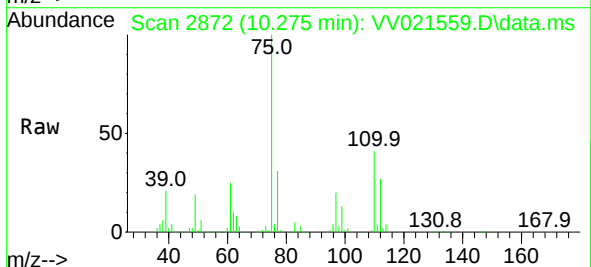
Instrument :
MSVOA_V
ClientSampleId :

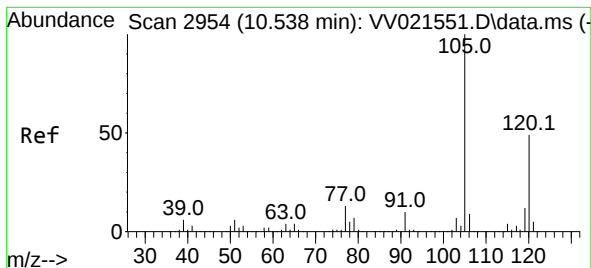
Tgt Ion:105 Resp: 798702
Ion Ratio Lower Upper
105 100
120 26.8 21.7 32.5
77 14.9 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 61.759 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

Tgt Ion: 75 Resp: 222163
Ion Ratio Lower Upper
75 100
77 31.5 25.9 38.9
110 40.9 34.8 52.2

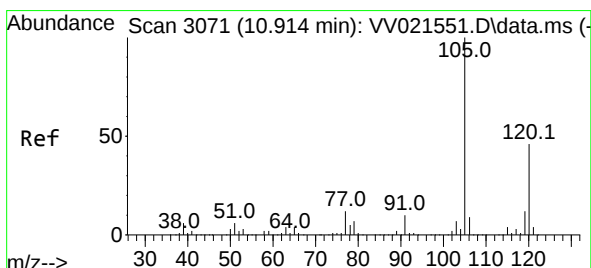
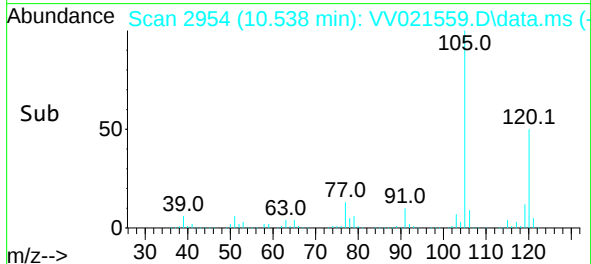
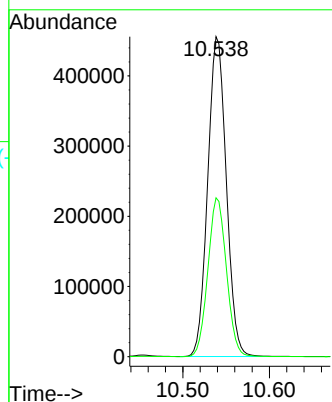
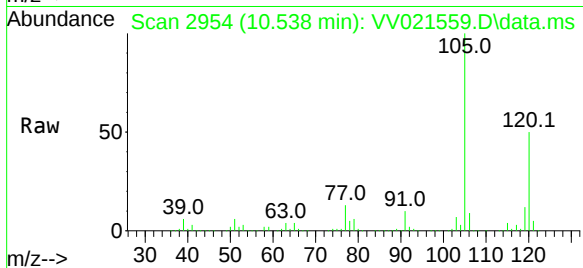




#62
1,3,5-Trimethylbenzene
Concen: 55.632 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

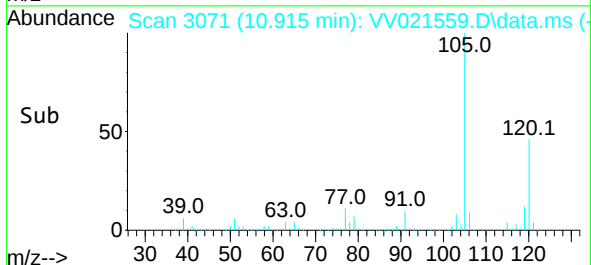
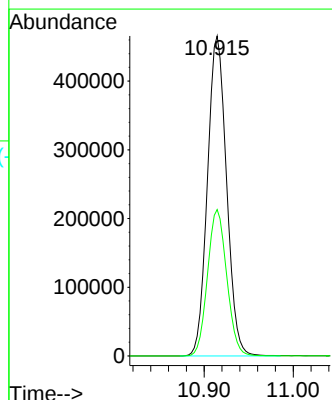
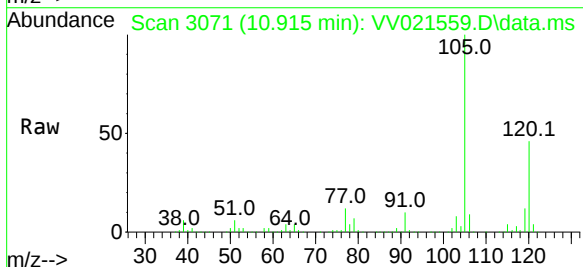
Instrument :
MSVOA_V
ClientSampleId :

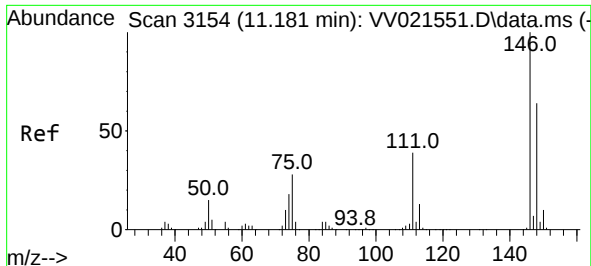
Tgt Ion:105 Resp: 679442
Ion Ratio Lower Upper
105 100
120 49.6 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 56.027 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

Tgt Ion:105 Resp: 691232
Ion Ratio Lower Upper
105 100
120 46.1 37.0 55.4

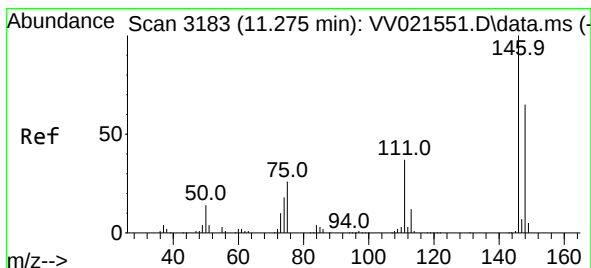
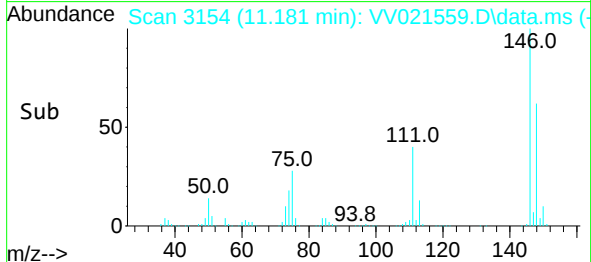
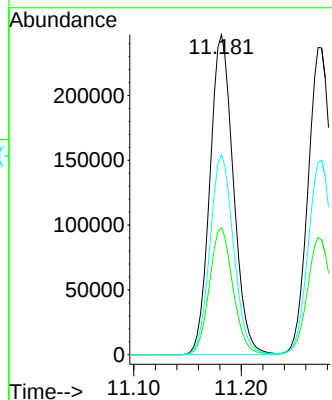
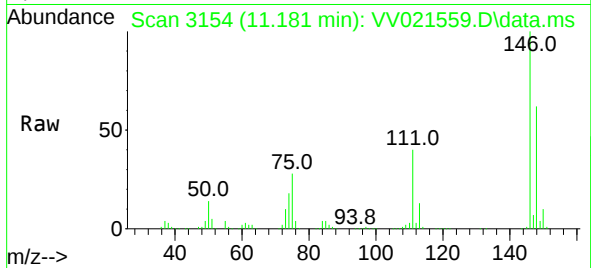




#64
1,3-Dichlorobenzene
Concen: 52.355 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

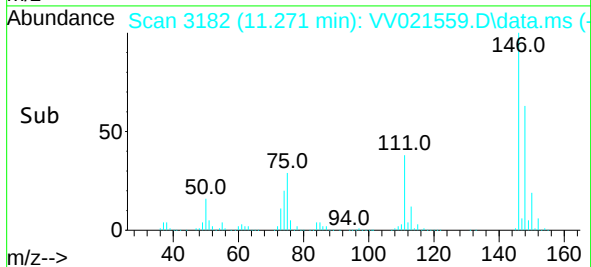
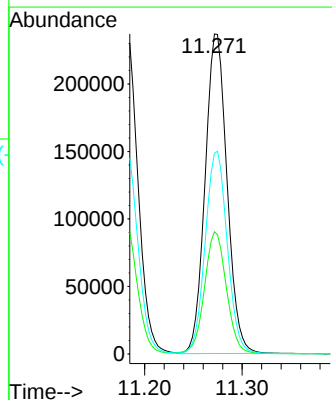
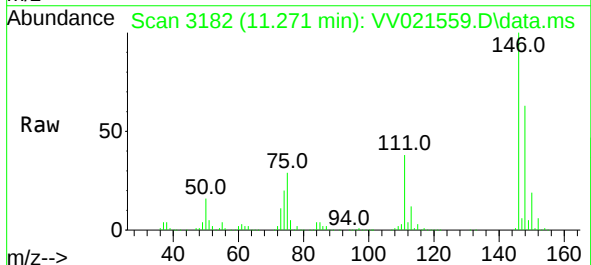
Instrument :
MSVOA_V
ClientSampleId :

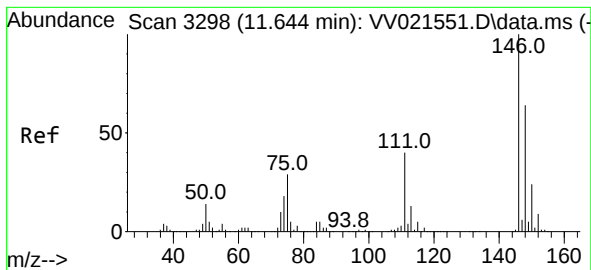
Tgt Ion:146 Resp: 375164
Ion Ratio Lower Upper
146 100
111 39.7 26.0 48.2
148 62.4 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 51.098 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

Tgt Ion:146 Resp: 369673
Ion Ratio Lower Upper
146 100
111 38.2 25.4 47.2
148 62.7 45.4 84.4

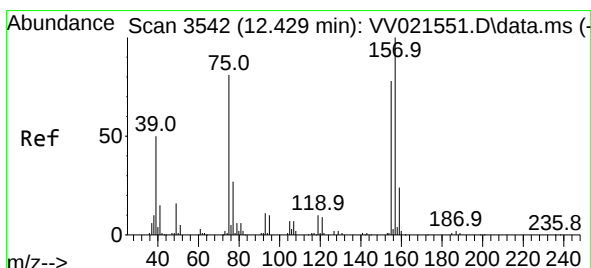
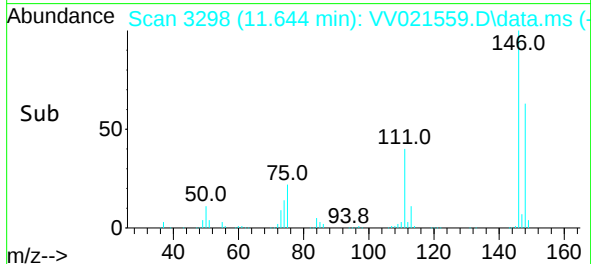
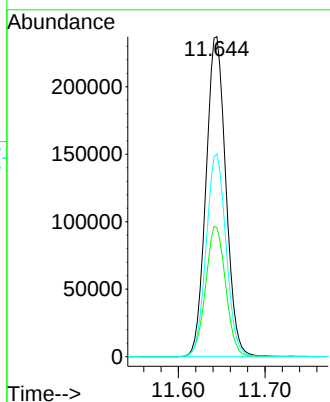
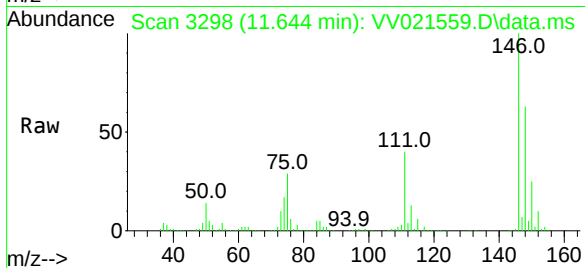




#67
1,2-Dichlorobenzene
Concen: 52.648 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

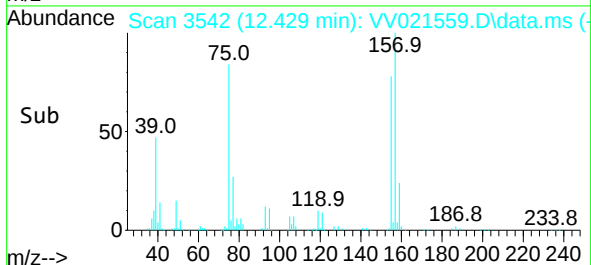
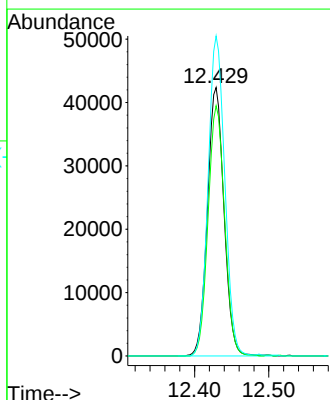
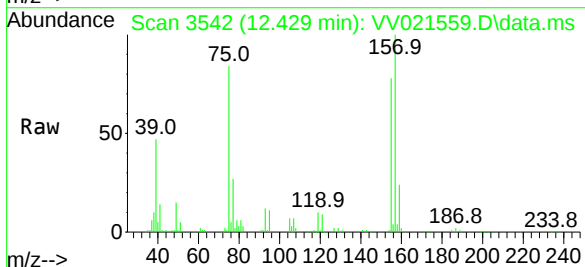
Instrument :
MSVOA_V
ClientSampleId :

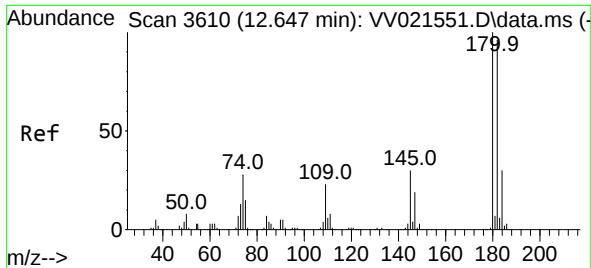
Tgt Ion:146 Resp: 377749
Ion Ratio Lower Upper
146 100
111 40.4 30.8 46.2
148 63.3 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 58.660 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

Tgt Ion: 75 Resp: 65738
Ion Ratio Lower Upper
75 100
155 93.2 89.7 134.5
157 119.2 113.2 169.8

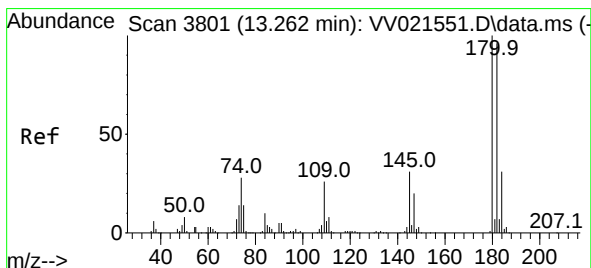
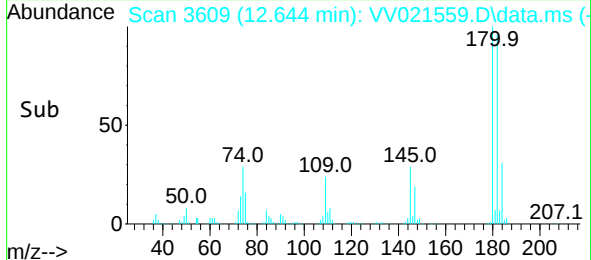
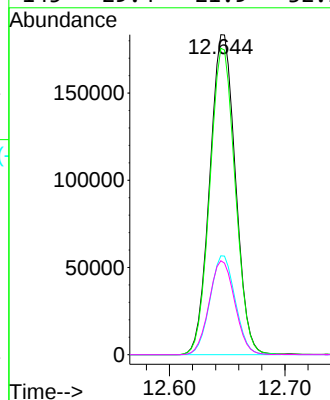
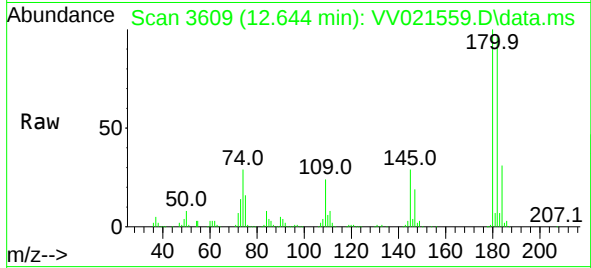




#69
1,3,5-Trichlorobenzene
Concen: 46.711 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

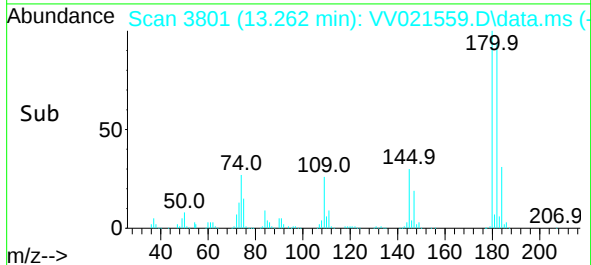
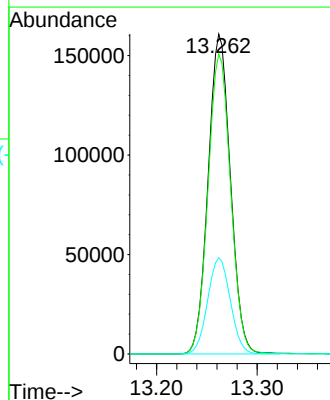
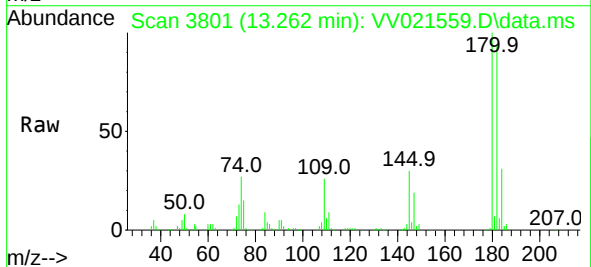
Instrument :
MSVOA_V
ClientSampleId :

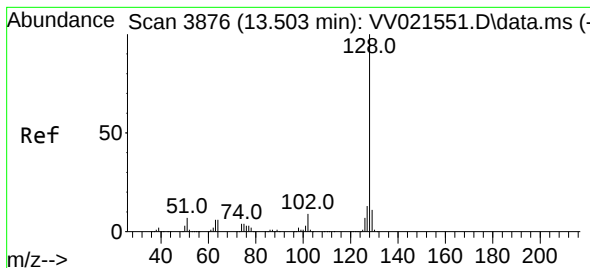
Tgt Ion:	180	Resp:	282365
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.8	115.2
184	30.5	24.3	36.5
145	29.4	21.9	32.9



#70
1,2,4-trichlorobenzene
Concen: 45.845 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

Tgt Ion:	180	Resp:	247582
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.2	114.4
145	30.7	21.8	32.8

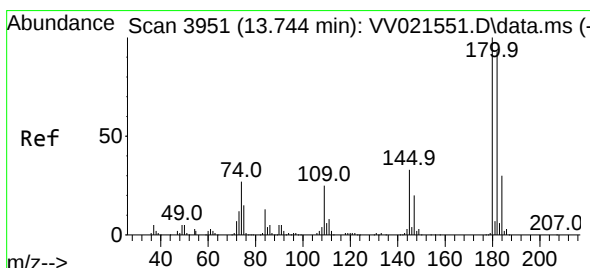
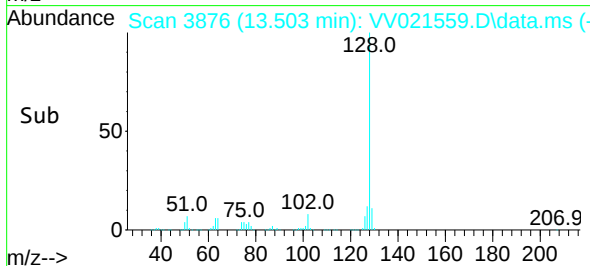
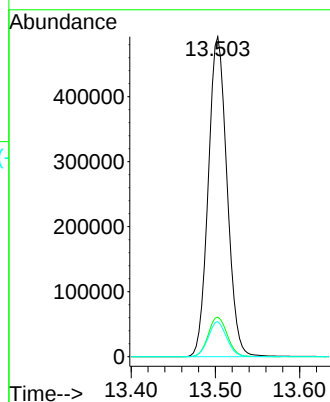
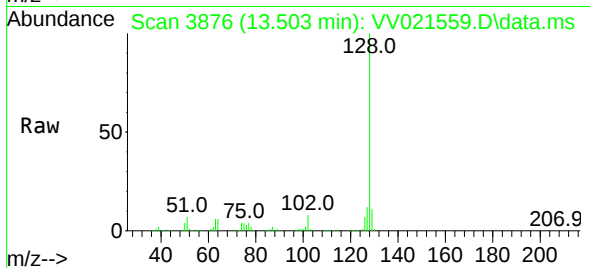




#71
Naphthalene
Concen: 51.194 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 762602
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 46.358 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021559.D
Acq: 24 Jun 2021 09:48

Tgt Ion:180 Resp: 243687
Ion Ratio Lower Upper
180 100
182 96.4 76.3 114.5
145 32.8 24.0 36.0

