

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092021\
 Data File : VV022220.D
 Acq On : 20 Sep 2021 10:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 21 04:35:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 18 04:25:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	326557	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	317348	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	165892	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	115103	50.898	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.800%
7) Chloroethane-d5	1.565	69	90784	51.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.820%
11) 1,1-Dichloroethene-d2	2.105	63	205497	54.945	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.900%
21) 2-Butanone-d5	3.899	46	160977	103.793	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.790%
24) Chloroform-d	4.346	84	216227	52.437	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.880%
26) 1,2-Dichloroethane-d4	5.031	65	128039	52.716	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.440%
32) Benzene-d6	5.047	84	428321	49.761	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.520%
36) 1,2-Dichloropropane-d6	6.069	67	135751	50.149	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.300%
41) Toluene-d8	7.317	98	399804	49.205	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.622	79	62795	48.739	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.480%
47) 2-Hexanone-d5	8.092	63	108022	104.002	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.000%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	173674	50.095	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	152946	46.898	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	81463	36.291	ug/L	99
3) Chloromethane	1.240	50	86768	36.505	ug/L	99
5) Vinyl chloride	1.307	62	95321	39.788	ug/L	99
6) Bromomethane	1.520	94	63598	44.154	ug/L	96
8) Chloroethane	1.584	64	64735	43.194	ug/L	99
9) Trichlorofluoromethane	1.751	101	156270	45.805	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	100156	50.052	ug/L	99
12) 1,1-Dichloroethene	2.114	96	88082	46.762	ug/L	96
13) Acetone	2.436	43	114959	88.465	ug/L	100
14) Carbon disulfide	2.291	76	212136	37.323	ug/L	100
15) Methyl Acetate	2.436	43	122236	48.302	ug/L	99
16) Methylene chloride	2.503	84	115586	45.800	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	97822	42.951	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	350309	48.403	ug/L	99
19) 1,1-Dichloroethane	3.188	63	196428	48.425	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	115260	45.470	ug/L	98
22) 2-Butanone	3.982	43	192949	105.631	ug/L	97
23) Bromochloromethane	4.246	128	63158	46.785	ug/L	96
25) Chloroform	4.372	83	204882	47.714	ug/L	98

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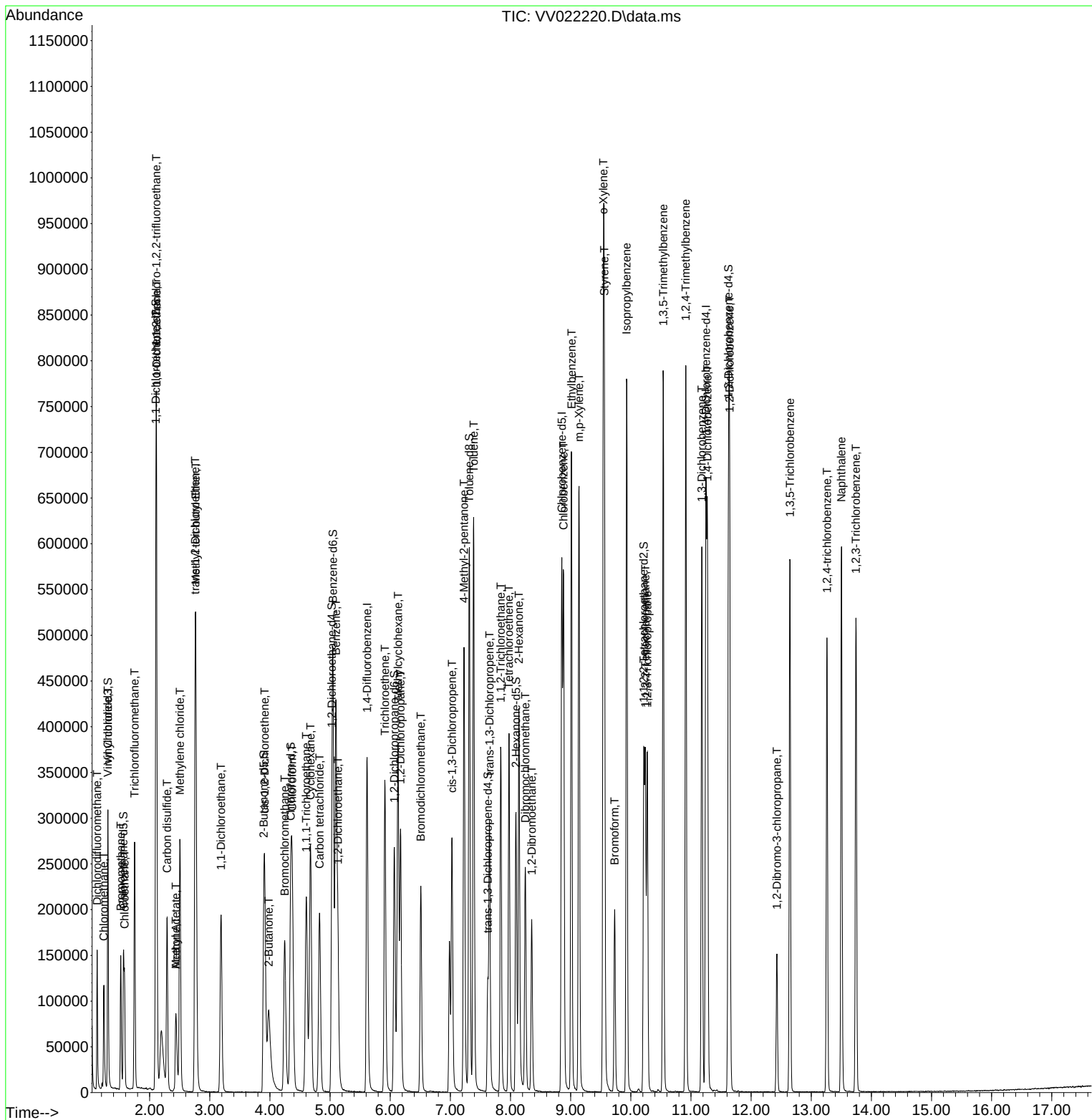
Instrument :
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 ClientSampleId :

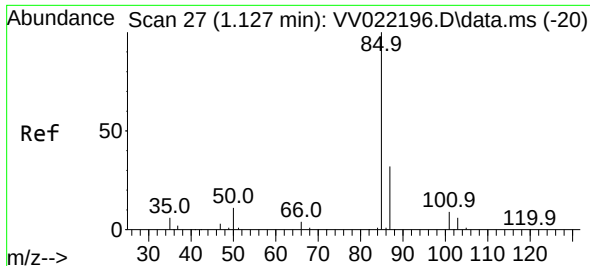
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 QLast Update : Sat Sep 18 04:25:40 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	146920	51.043	ug/L	99
29) Cyclohexane	4.674	56	146886	41.405	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	175750	46.597	ug/L	99
31) Carbon tetrachloride	4.825	117	148586	45.853	ug/L	99
33) Benzene	5.098	78	426108	46.151	ug/L	100
34) Trichloroethene	5.912	95	115221	44.056	ug/L	98
35) Methylcyclohexane	6.130	83	160517	41.983	ug/L	98
37) 1,2-Dichloropropane	6.172	63	114248	47.735	ug/L	99
38) Bromodichloromethane	6.510	83	150690	49.234	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	169186	45.786	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	323751	99.779	ug/L	98
42) Toluene	7.387	91	462832	46.445	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	169273	49.220	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	118596	48.700	ug/L	99
46) Tetrachloroethene	7.976	164	89301	43.913	ug/L	96
48) 2-Hexanone	8.140	43	261380	103.824	ug/L	98
49) Dibromochloromethane	8.246	129	127574	48.941	ug/L	99
50) 1,2-Dibromoethane	8.352	107	123220	47.146	ug/L	99
51) Chlorobenzene	8.883	112	307074	45.832	ug/L	99
52) Ethylbenzene	9.014	91	486171	45.069	ug/L	98
53) m,p-Xylene	9.140	106	192228	45.846	ug/L	97
54) o-Xylene	9.545	106	190469	45.912	ug/L	97
55) Styrene	9.561	104	335003	47.317	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	176308	49.969	ug/L	100
59) Bromoform	9.731	173	89734	50.929	ug/L	99
60) Isopropylbenzene	9.931	105	499264	47.896	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	144792	50.360	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	409896	46.839	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	424184	47.688	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	242736	45.864	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	246117	45.445	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	249426	47.464	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	34342	49.560	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	178227	45.036	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	149366	42.905	ug/L	100
71) Naphthalene	13.503	128	461631	46.097	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	157855	46.489	ug/L	99

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

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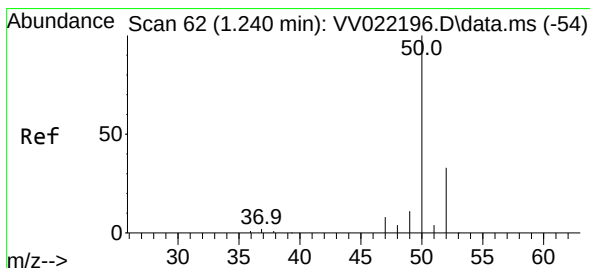
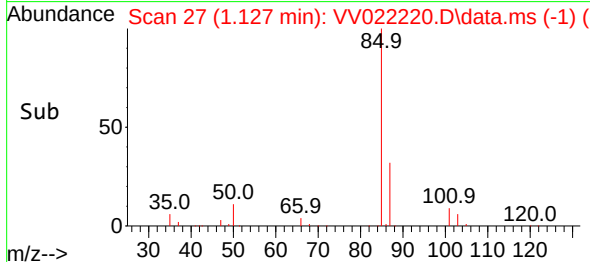
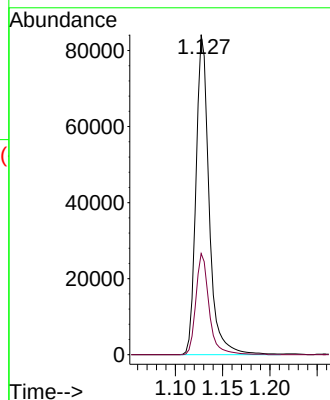
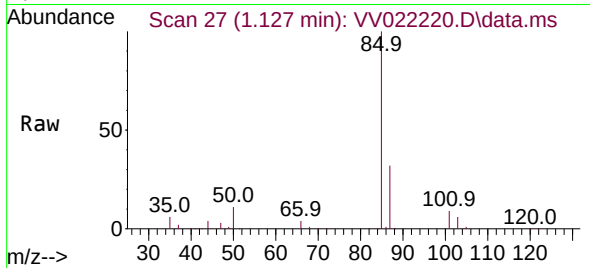




#2
Dichlorodifluoromethane
Concen: 36.291 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

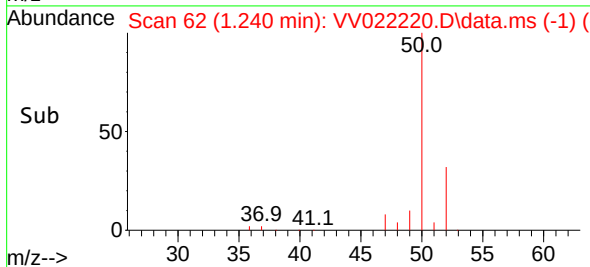
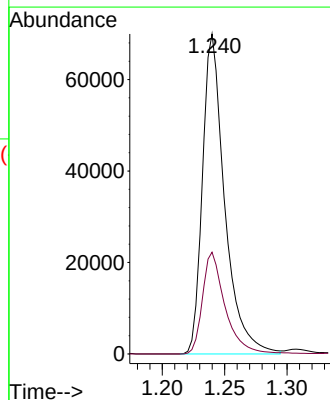
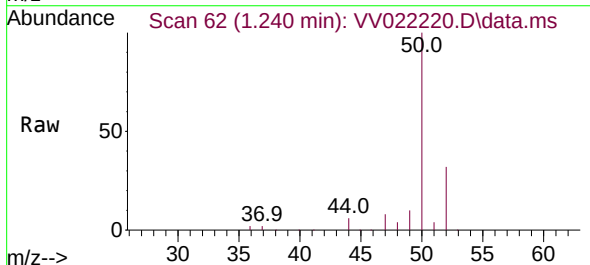
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MSVOA_V
ClientSampled :

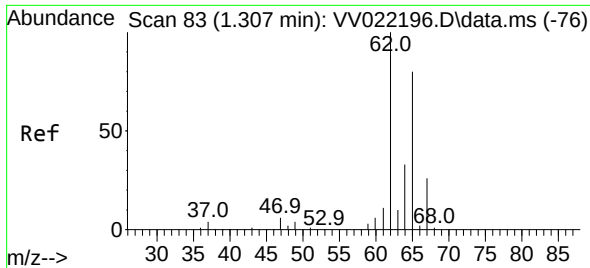
Tgt Ion: 85 Resp: 81463
Ion Ratio Lower Upper
85 100
87 31.7 26.0 39.0



#3
Chloromethane
Concen: 36.505 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Tgt Ion: 50 Resp: 86768
Ion Ratio Lower Upper
50 100
52 31.8 22.5 41.9

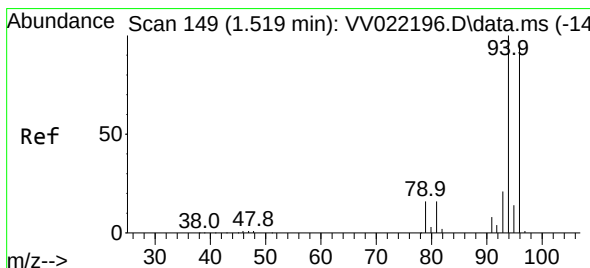
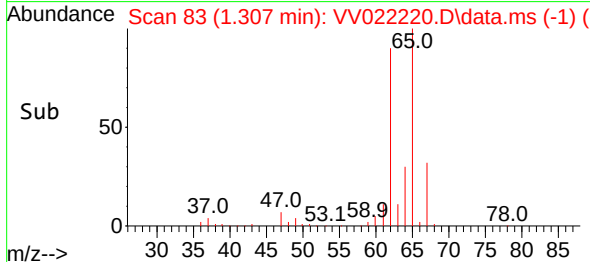
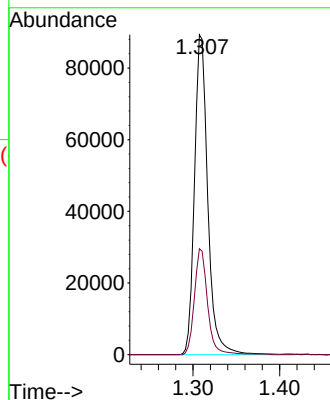
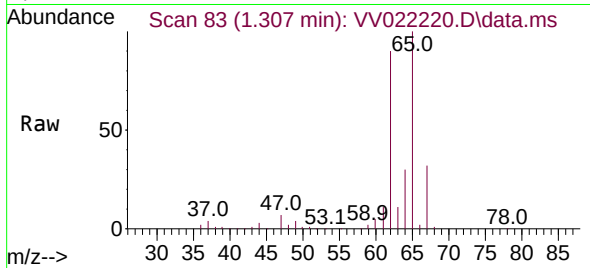




#5
 Vinyl chloride
 Concen: 39.788 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV022220.D
 Acq: 20 Sep 2021 10:08

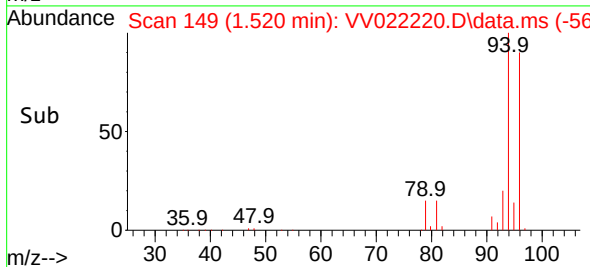
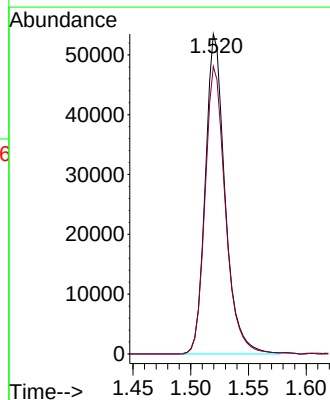
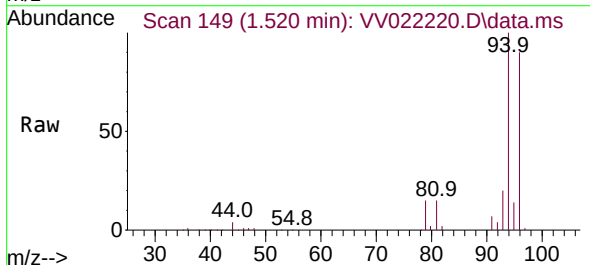
Instrument :
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 ClientSampled :

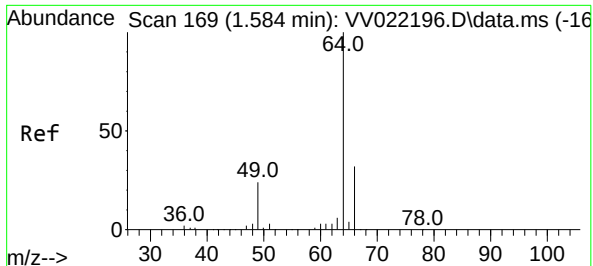
Tgt Ion: 62 Resp: 95321
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.4 43.6



#6
 Bromomethane
 Concen: 44.154 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV022220.D
 Acq: 20 Sep 2021 10:08

Tgt Ion: 94 Resp: 63598
 Ion Ratio Lower Upper
 94 100
 96 89.8 65.8 122.2

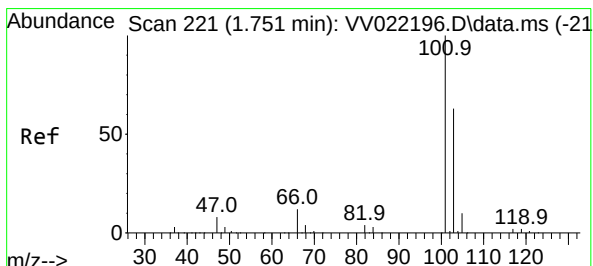
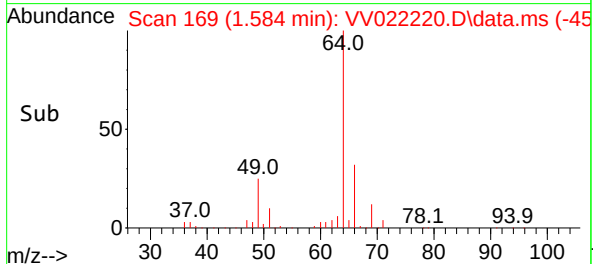
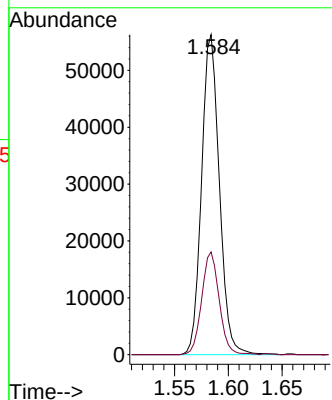
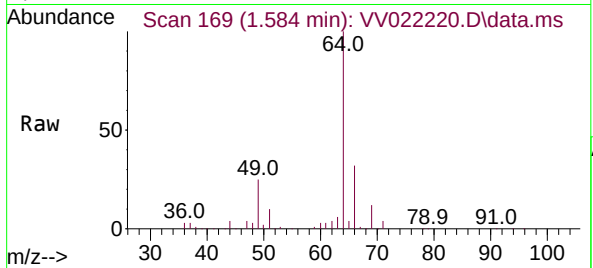




#8
Chloroethane
Concen: 43.194 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

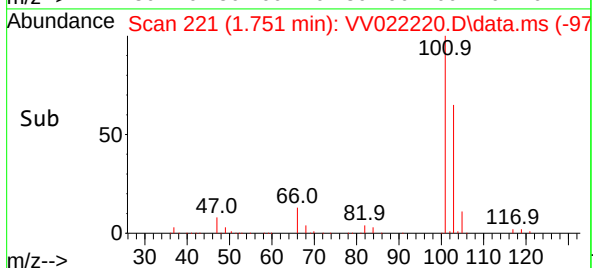
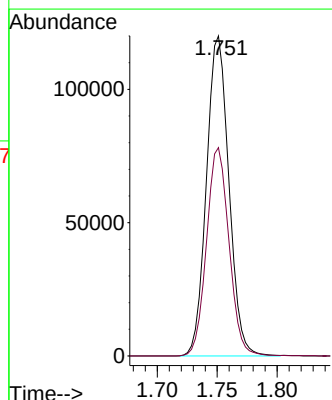
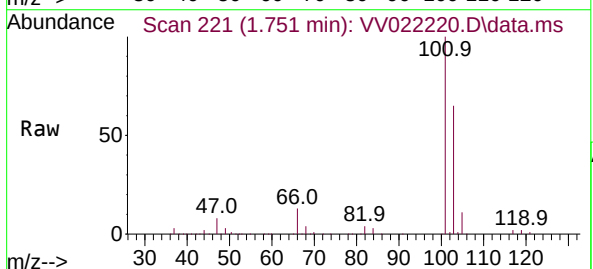
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MSVOA_V
ClientSampled :

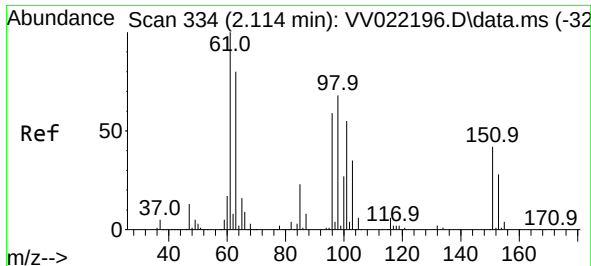
Tgt Ion: 64 Resp: 64735
Ion Ratio Lower Upper
64 100
66 32.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 45.805 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Tgt Ion:101 Resp: 156270
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0





#10

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

Concen: 50.052 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV022220.D

Acq: 20 Sep 2021 10:08

Tgt Ion:101 Resp: 100156

Ion Ratio Lower Upper

101 100

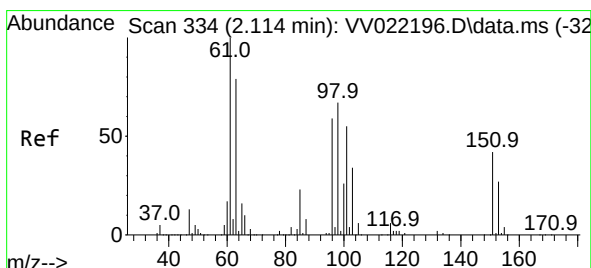
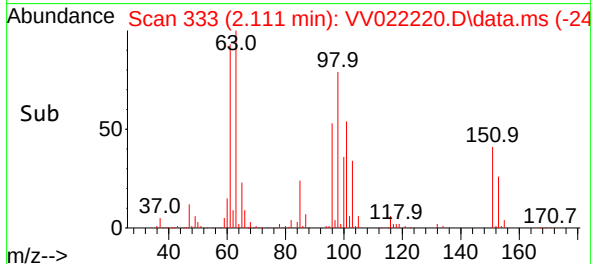
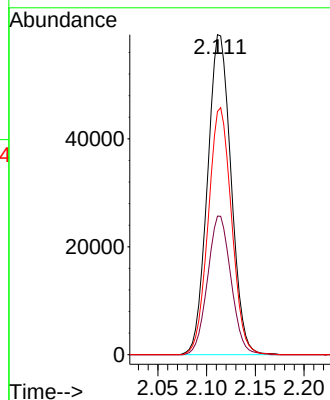
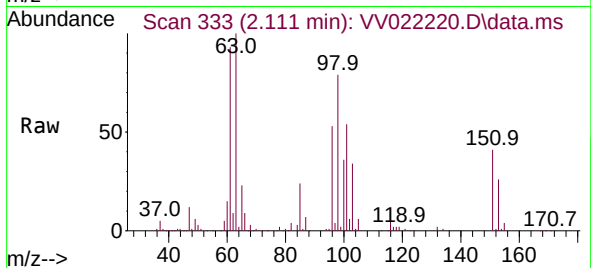
85 43.0 33.4 50.0

151 76.4 61.7 92.5

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 46.762 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV022220.D

Acq: 20 Sep 2021 10:08

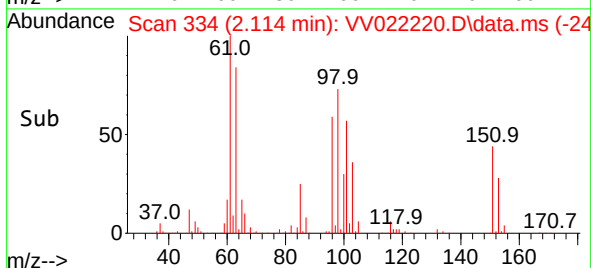
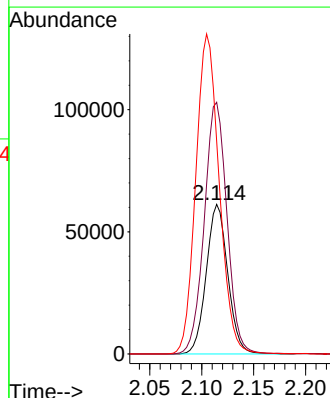
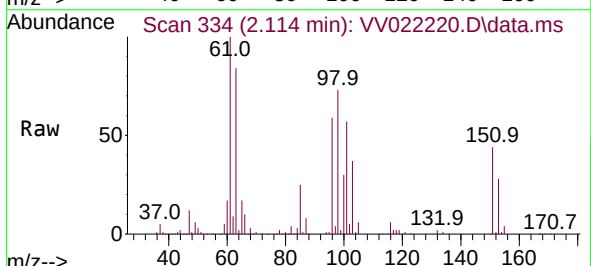
Tgt Ion: 96 Resp: 88082

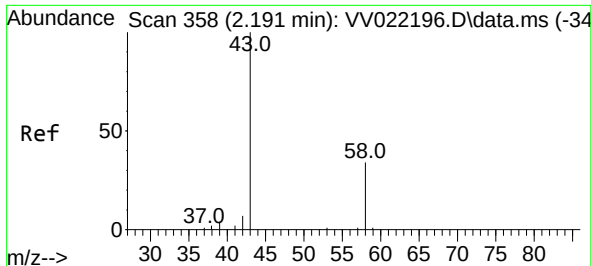
Ion Ratio Lower Upper

96 100

61 168.3 113.2 210.2

63 142.2 102.3 189.9

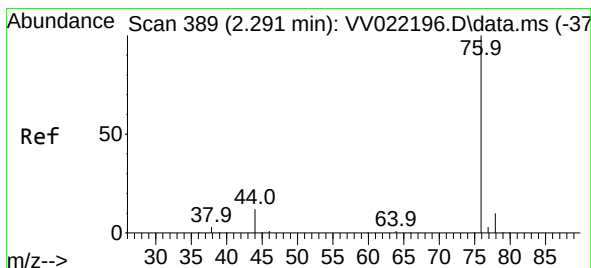
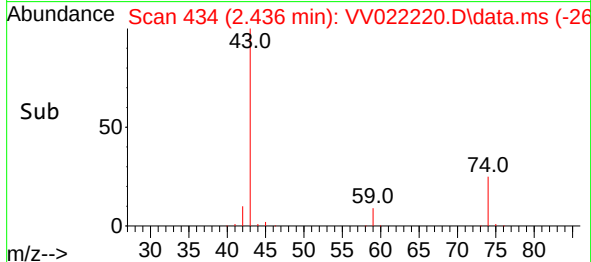
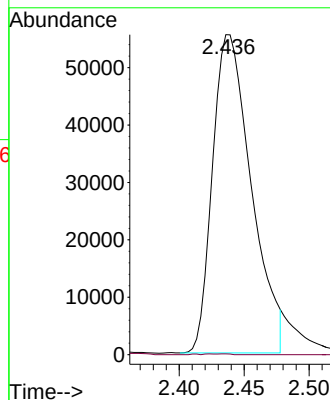
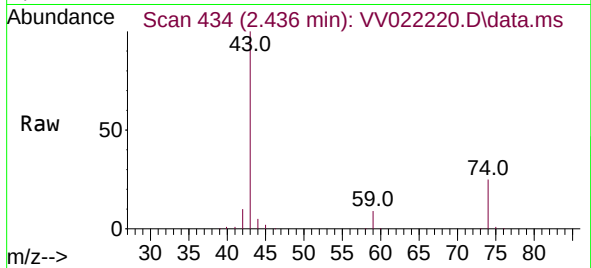




#13
Acetone
Concen: 88.465 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.245 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

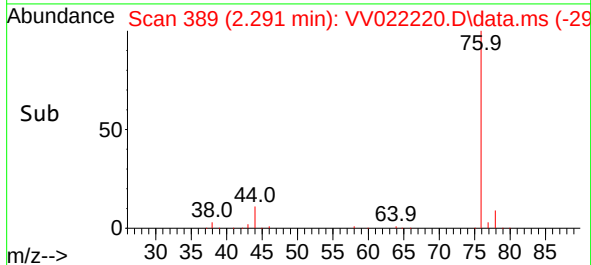
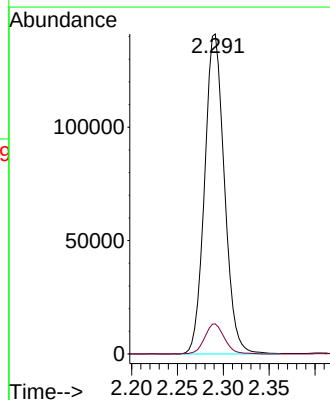
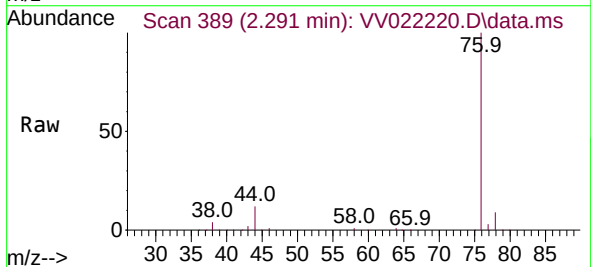
Instrument :
MSVOA_V
ClientSampled :

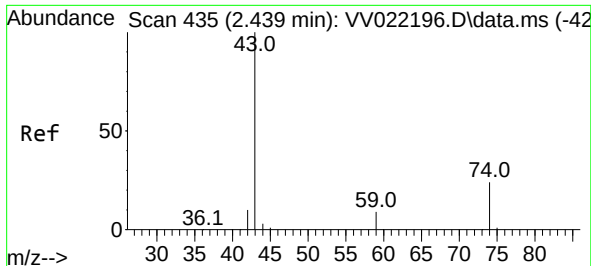
Tgt Ion: 43 Resp: 114959
Ion Ratio Lower Upper
43 100
58 0.1 0.0 0.4



#14
Carbon disulfide
Concen: 37.323 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Tgt Ion: 76 Resp: 212136
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

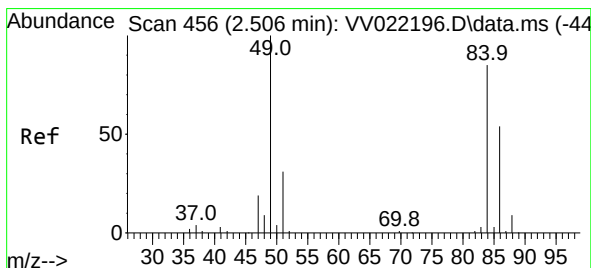
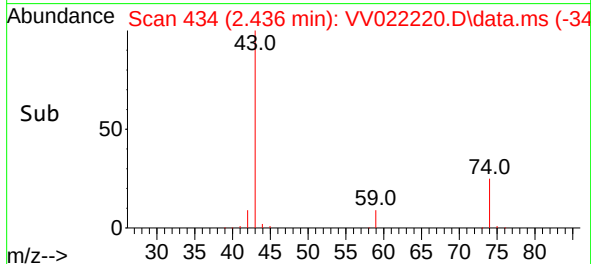
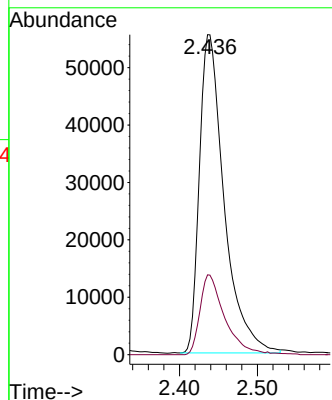
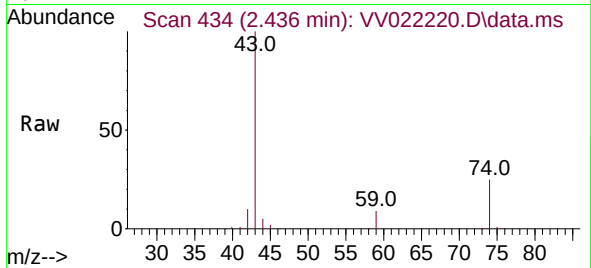




#15
Methyl Acetate
Concen: 48.302 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

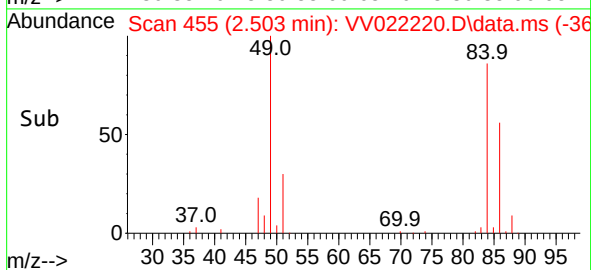
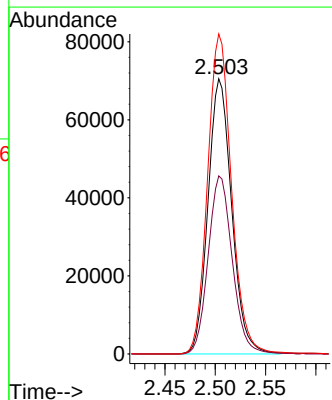
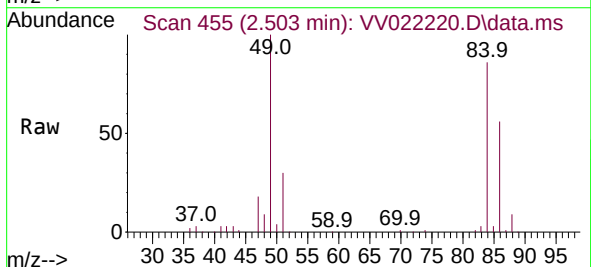
Instrument :
MSVOA_V
ClientSampled :

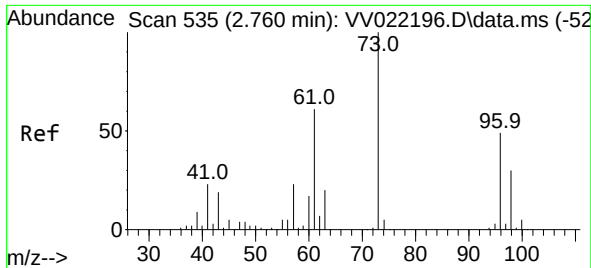
Tgt Ion: 43 Resp: 122236
Ion Ratio Lower Upper
43 100
74 24.8 20.2 30.2



#16
Methylene chloride
Concen: 45.800 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Tgt Ion: 84 Resp: 115586
Ion Ratio Lower Upper
84 100
86 64.7 44.8 83.2
49 116.3 80.2 149.0

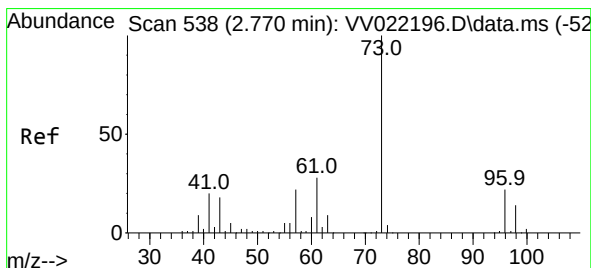
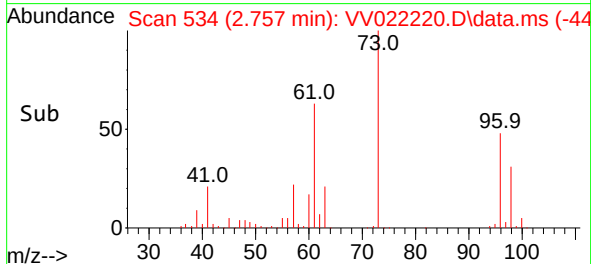
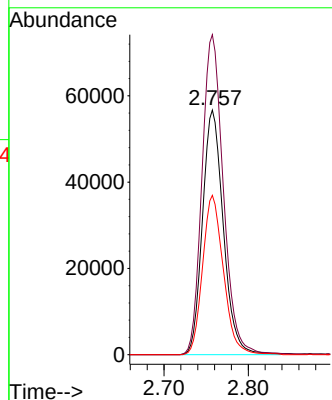
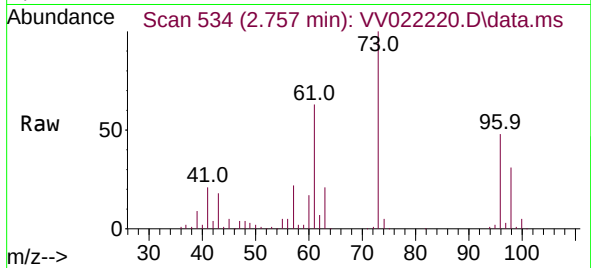




#17
trans-1,2-Dichloroethene
Concen: 42.951 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

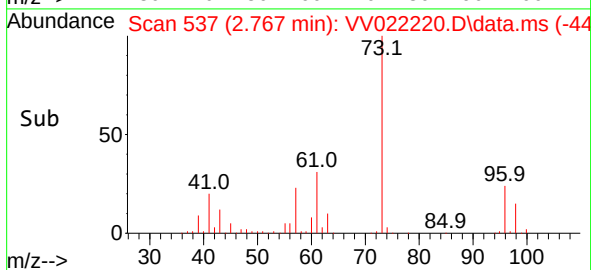
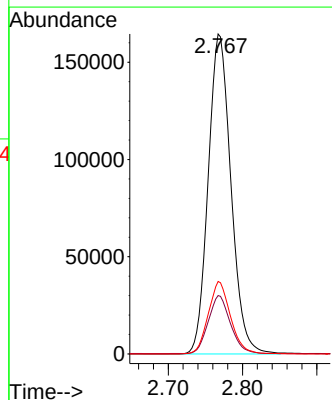
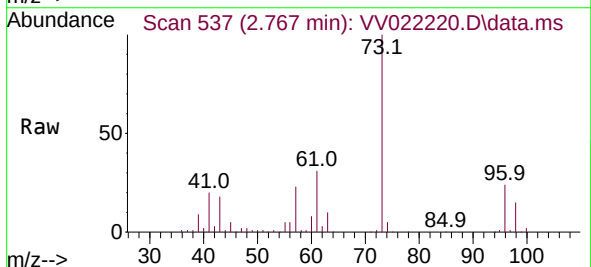
Instrument :
MSVOA_V
ClientSampleId :

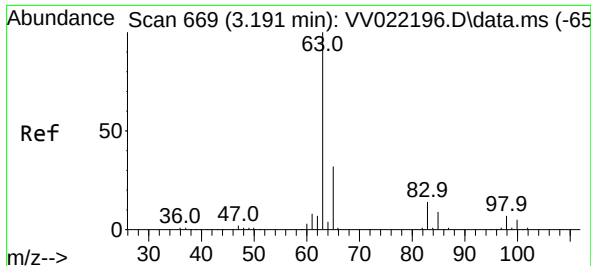
Tgt Ion: 96 Resp: 97822
Ion Ratio Lower Upper
96 100
61 130.8 89.1 165.5
98 65.1 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 48.403 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Tgt Ion: 73 Resp: 350309
Ion Ratio Lower Upper
73 100
43 17.6 13.8 20.6
57 22.1 17.1 25.7





#19

1,1-Dichloroethane

Concen: 48.425 ug/L

RT: 3.188 min Scan# 668

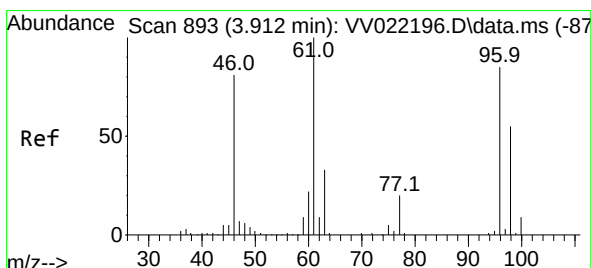
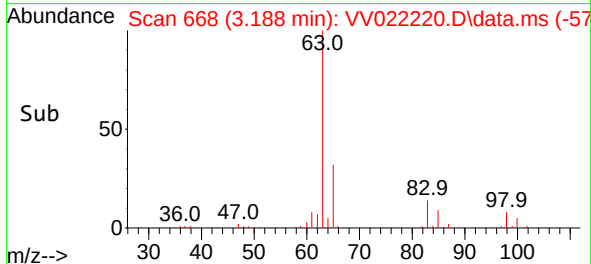
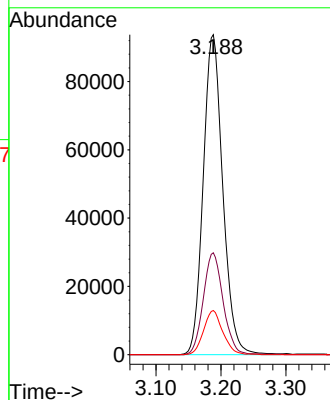
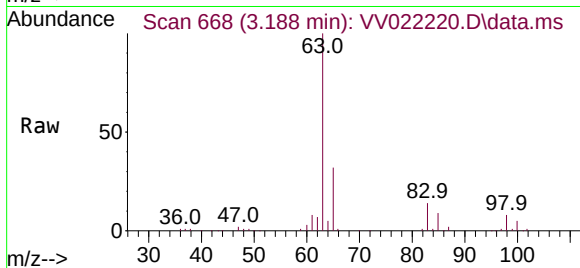
Delta R.T. -0.003 min

Lab File: VV022220.D

Acq: 20 Sep 2021 10:08

Tgt Ion: 63 Resp: 196428

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.2	41.2
83	13.8	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 45.470 ug/L

RT: 3.912 min Scan# 893

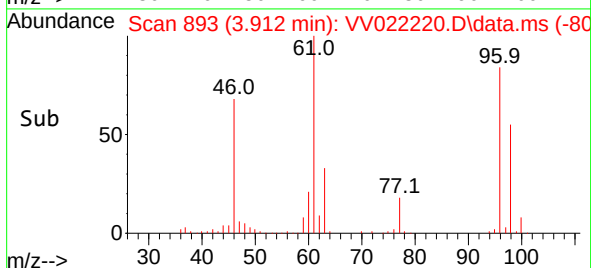
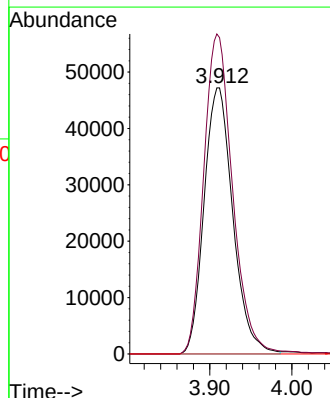
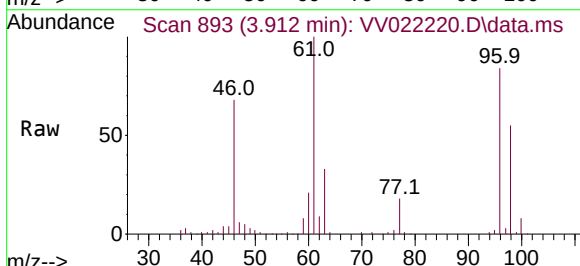
Delta R.T. 0.000 min

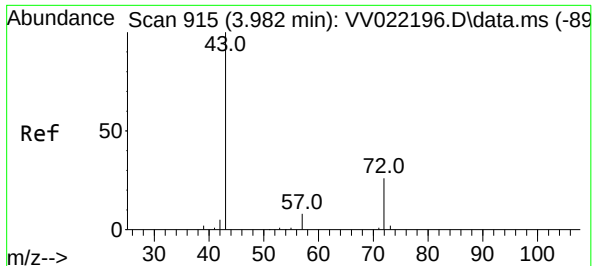
Lab File: VV022220.D

Acq: 20 Sep 2021 10:08

Tgt Ion: 96 Resp: 115260

Ion	Ratio	Lower	Upper
96	100		
61	118.9	81.8	152.0
68	0.0	0.0	0.0

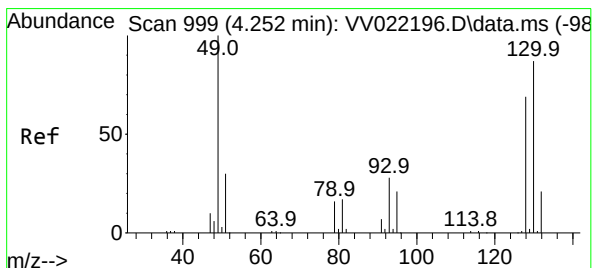
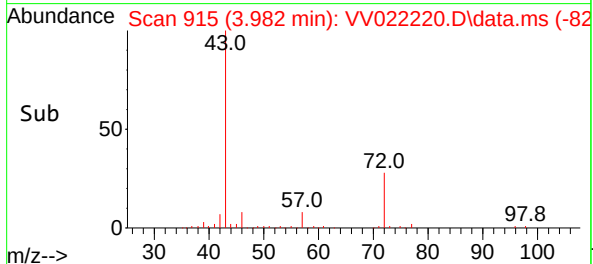
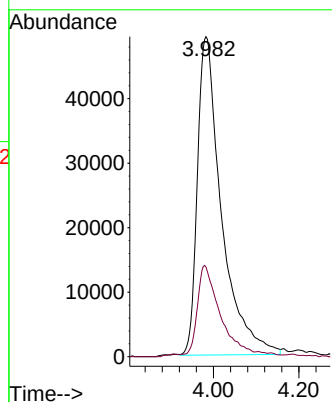
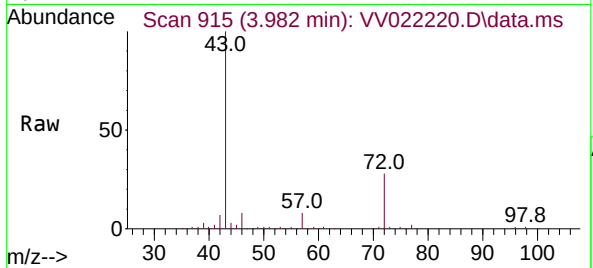




#22
2-Butanone
Concen: 105.631 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.000 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

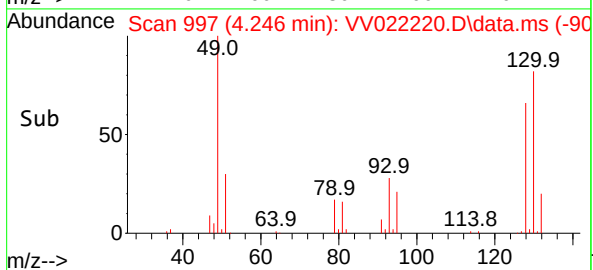
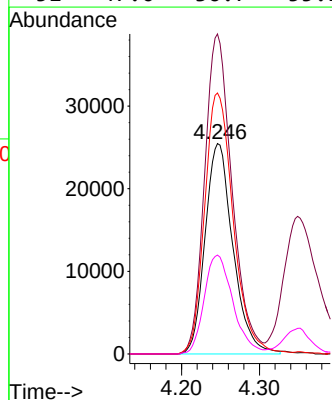
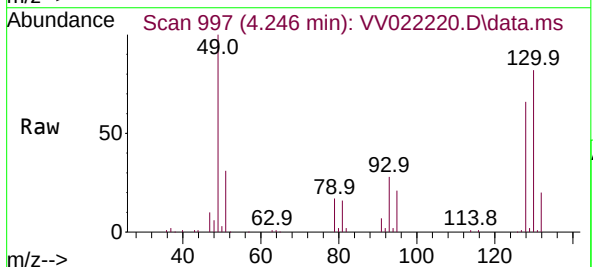
Instrument :
MSVOA_V
ClientSampled :

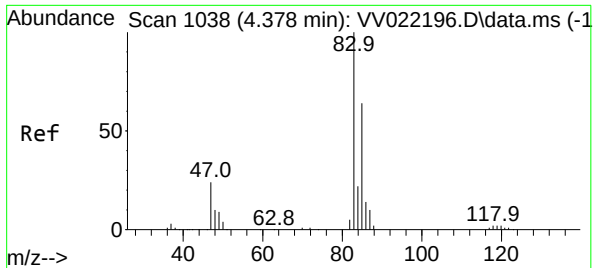
Tgt Ion: 43 Resp: 192949
Ion Ratio Lower Upper
43 100
72 24.9 13.3 39.8



#23
Bromochloromethane
Concen: 46.785 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.006 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Tgt Ion:128 Resp: 63158
Ion Ratio Lower Upper
128 100
49 152.1 101.6 188.8
130 124.1 88.5 164.3
51 47.0 36.7 55.1





#25

Chloroform

Concen: 47.714 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VV022220.D

Acq: 20 Sep 2021 10:08

Tgt Ion: 83 Resp: 204882

Ion Ratio Lower Upper

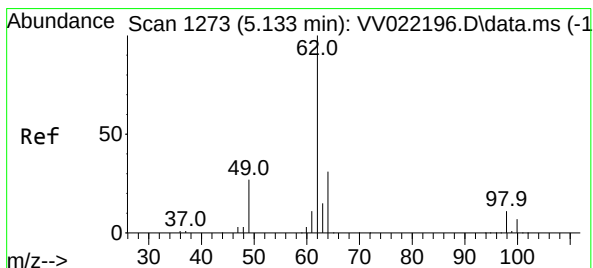
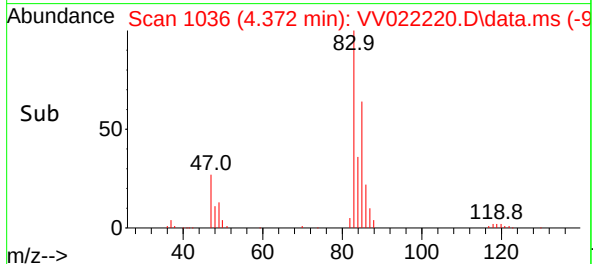
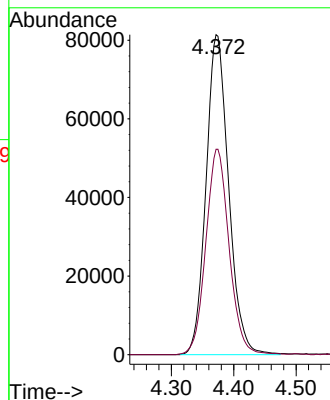
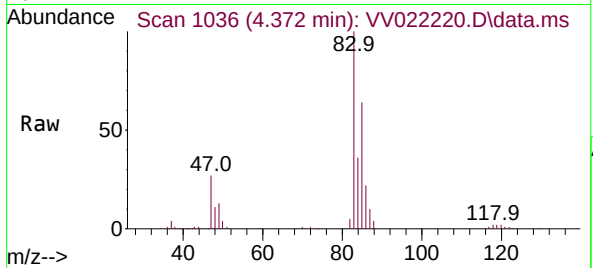
83 100

85 64.2 46.3 85.9

Instrument :

MSVOA_V

ClientSampled :



#27

1,2-Dichloroethane

Concen: 51.043 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV022220.D

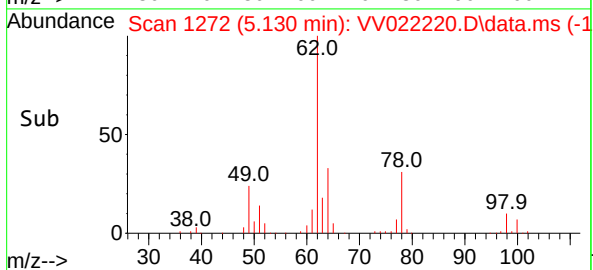
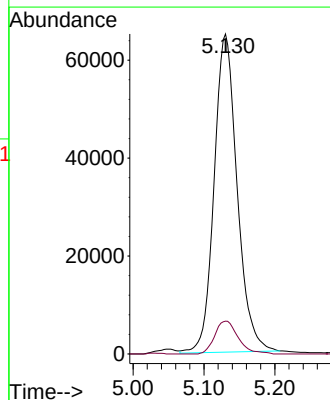
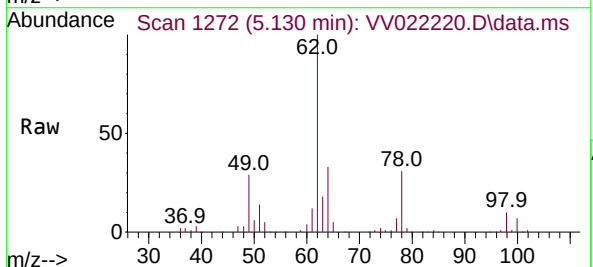
Acq: 20 Sep 2021 10:08

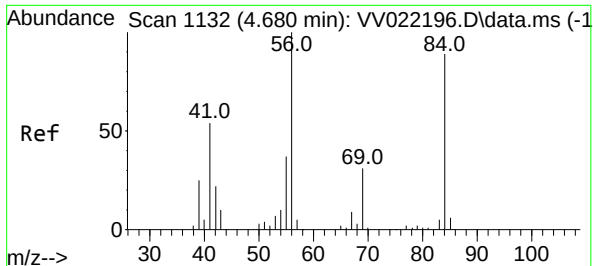
Tgt Ion: 62 Resp: 146920

Ion Ratio Lower Upper

62 100

98 10.3 8.5 12.7





#29

Cyclohexane

Concen: 41.405 ug/L

RT: 4.674 min Scan# 1130

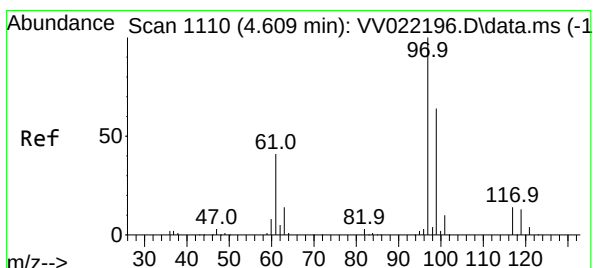
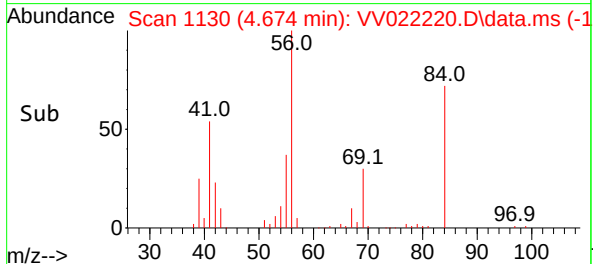
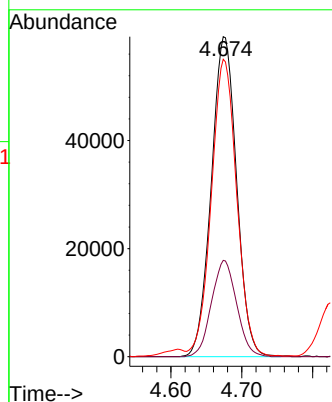
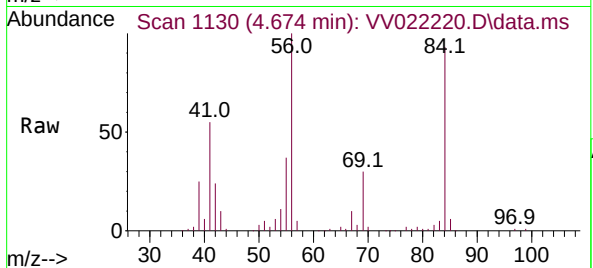
Delta R.T. -0.006 min

Lab File: VV022220.D

Acq: 20 Sep 2021 10:08

Tgt Ion:	56	Resp:	146886
Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.2	37.8
84	92.9	74.6	111.8

Instrument :
MSVOA_V
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 46.597 ug/L

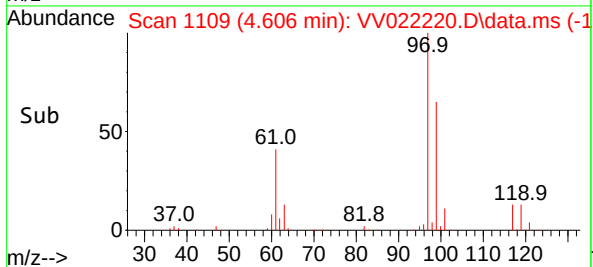
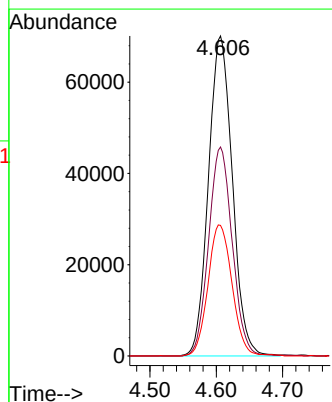
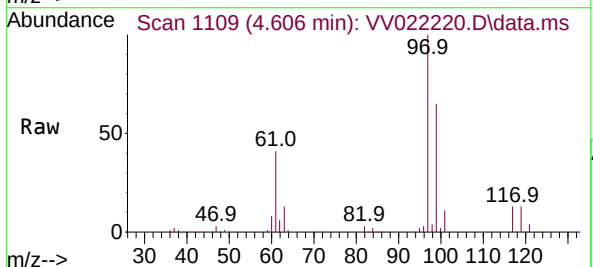
RT: 4.606 min Scan# 1109

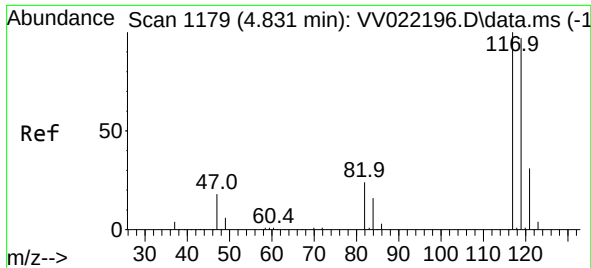
Delta R.T. -0.003 min

Lab File: VV022220.D

Acq: 20 Sep 2021 10:08

Tgt Ion:	97	Resp:	175750
Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.0	78.0
61	41.1	31.8	47.8

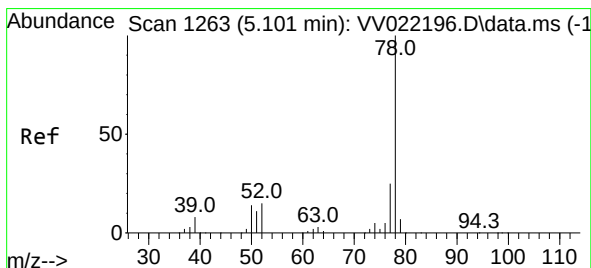
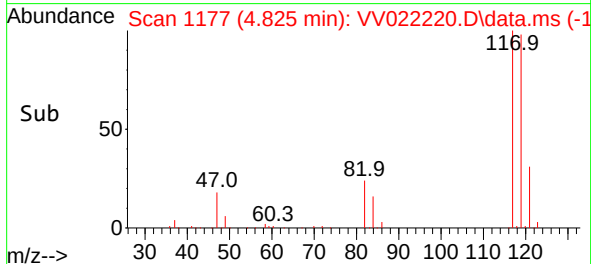
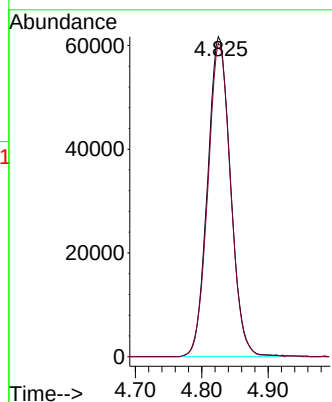
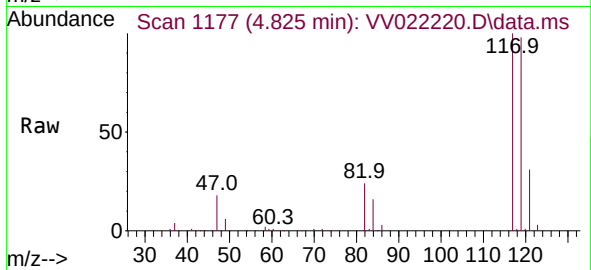




#31
Carbon tetrachloride
Concen: 45.853 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.006 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

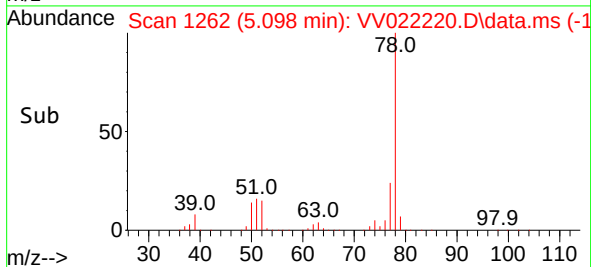
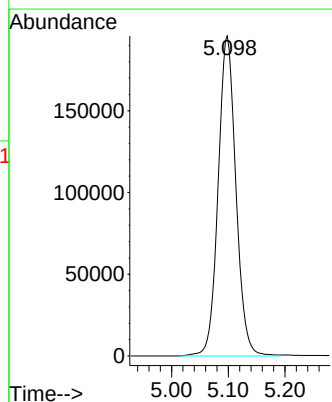
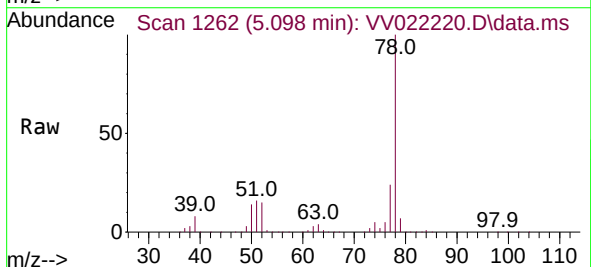
Instrument :
MSVOA_V
ClientSampled :

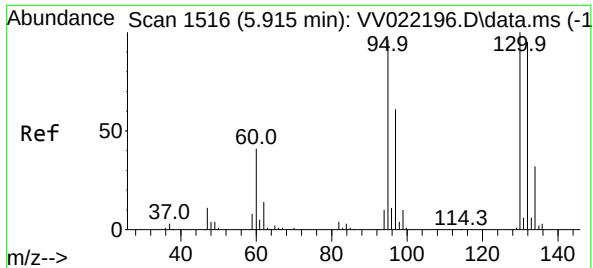
Tgt Ion:117 Resp: 148586
Ion Ratio Lower Upper
117 100
119 96.8 76.6 114.8



#33
Benzene
Concen: 46.151 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Tgt Ion: 78 Resp: 426108

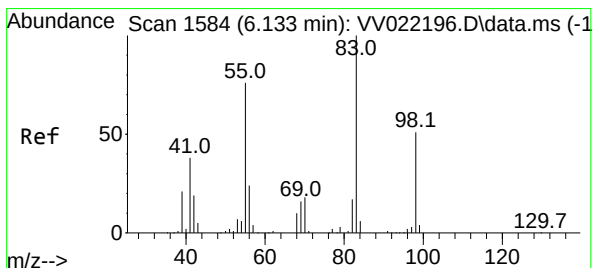
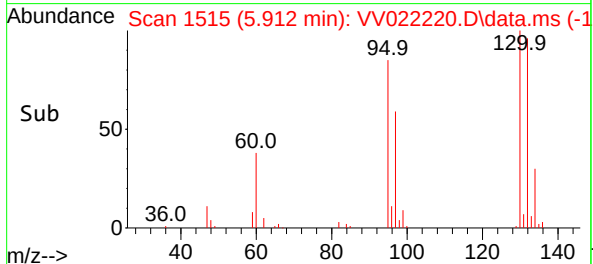
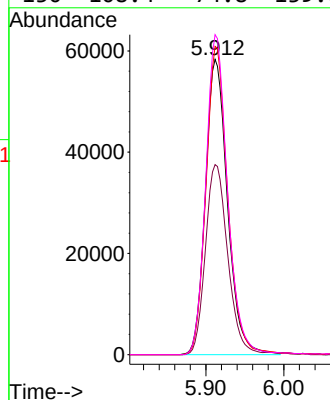
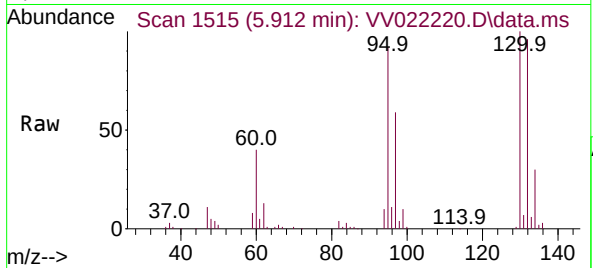




#34
Trichloroethene
Concen: 44.056 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

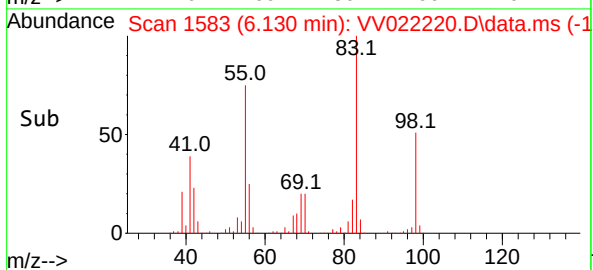
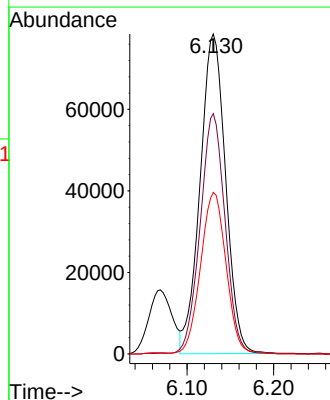
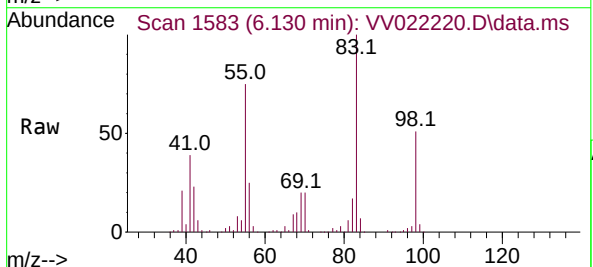
Instrument :
MSVOA_V
ClientSampleId :

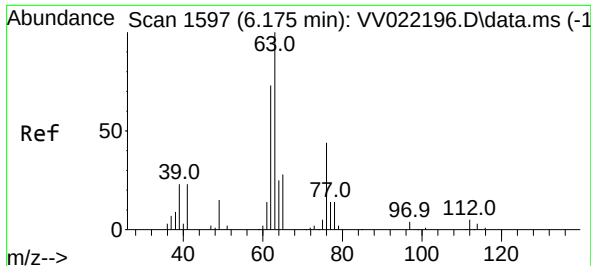
Tgt Ion: 95 Resp: 115221
Ion Ratio Lower Upper
95 100
97 64.4 44.1 81.9
132 104.4 70.7 131.3
130 108.4 74.8 139.0



#35
Methylcyclohexane
Concen: 41.983 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Tgt Ion: 83 Resp: 160517
Ion Ratio Lower Upper
83 100
55 73.1 56.8 85.2
98 50.7 39.9 59.9



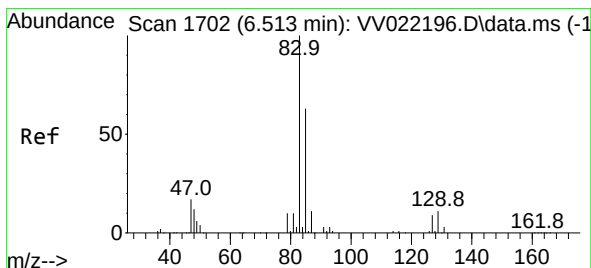
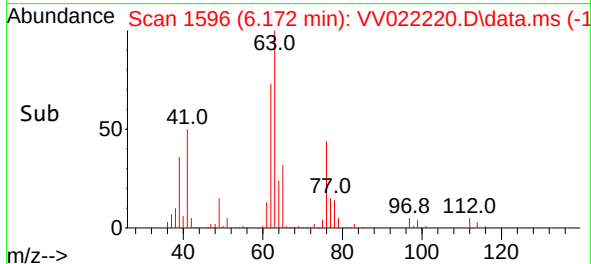
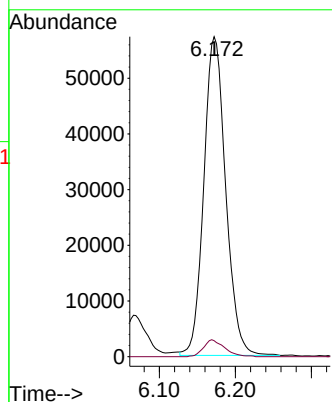
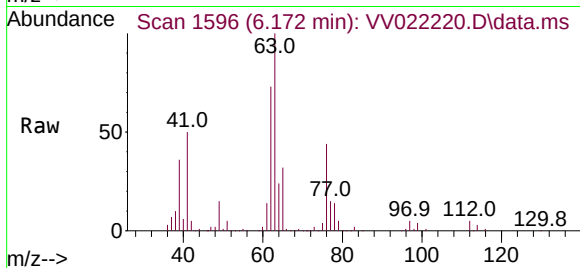


#37

1,2-Dichloropropane
Concen: 47.735 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Instrument :
MSVOA_V
ClientSampled :

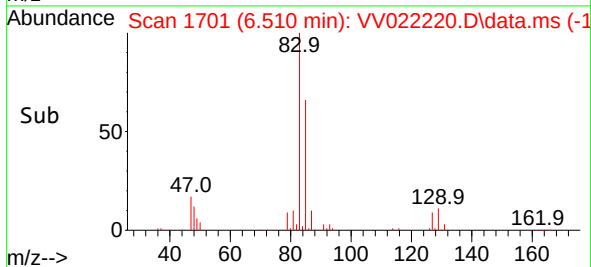
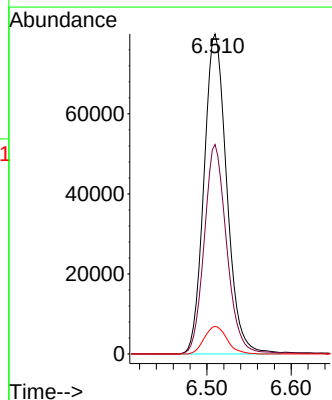
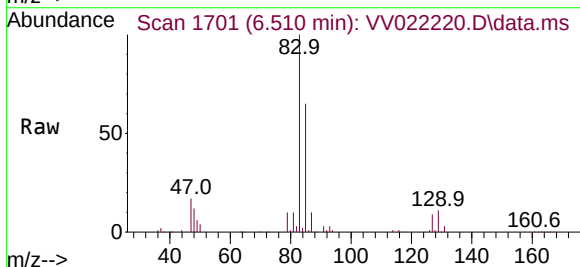
Tgt Ion: 63 Resp: 114248
Ion Ratio Lower Upper
63 100
112 5.1 3.8 5.6

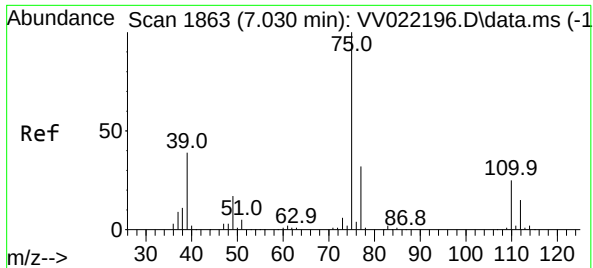


#38

Bromodichloromethane
Concen: 49.234 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Tgt Ion: 83 Resp: 150690
Ion Ratio Lower Upper
83 100
85 65.5 44.8 83.2
127 8.6 7.3 10.9

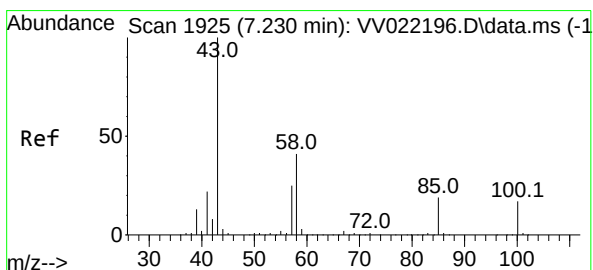
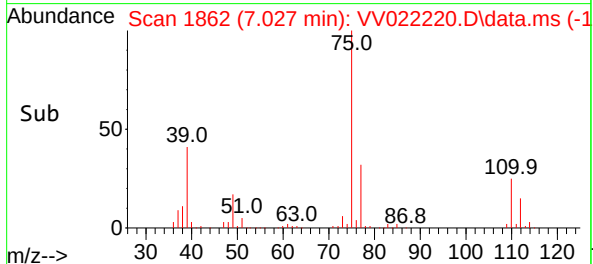
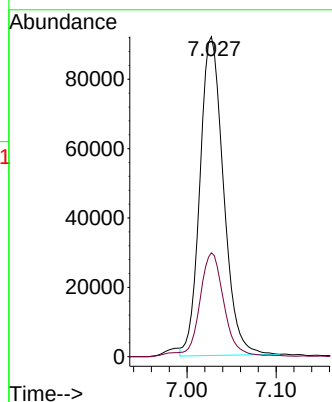
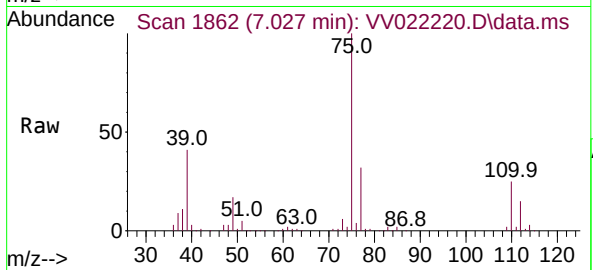




#39
 cis-1,3-Dichloropropene
 Concen: 45.786 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.003 min
 Lab File: VV022220.D
 Acq: 20 Sep 2021 10:08

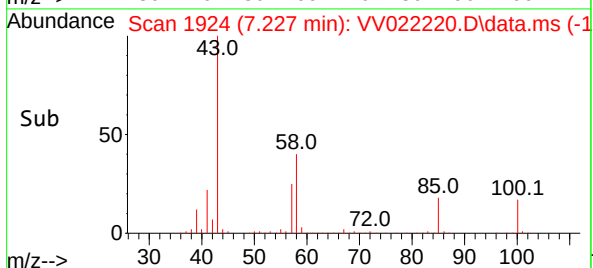
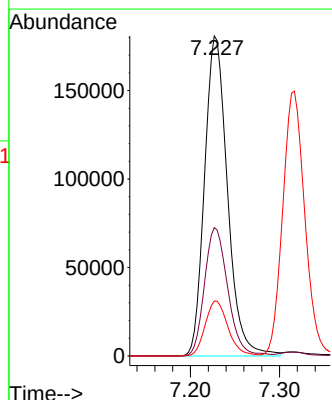
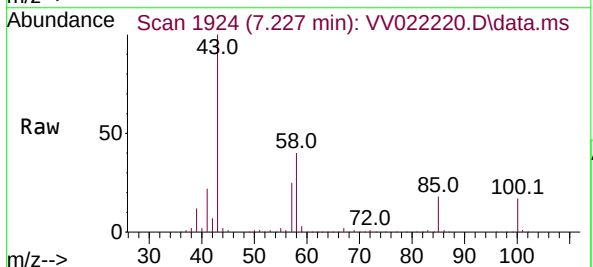
Instrument :
 MSVOA_V
 ClientSampled :

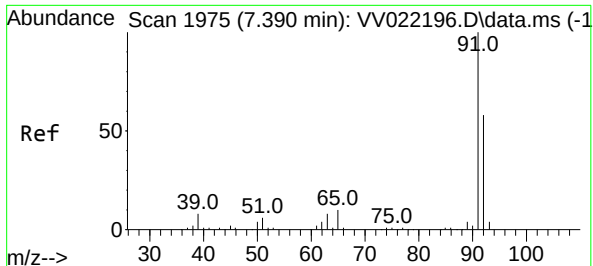
Tgt Ion: 75 Resp: 169186
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 99.779 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.003 min
 Lab File: VV022220.D
 Acq: 20 Sep 2021 10:08

Tgt Ion: 43 Resp: 323751
 Ion Ratio Lower Upper
 43 100
 58 40.4 33.3 49.9
 100 17.1 14.5 21.7

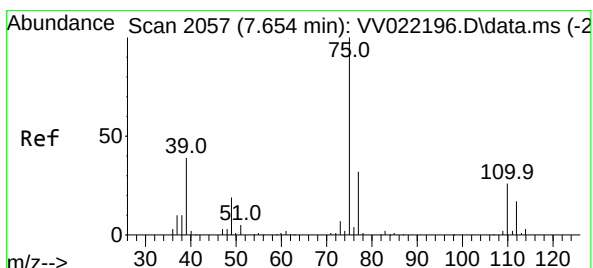
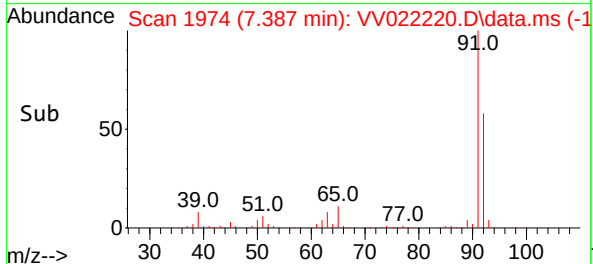
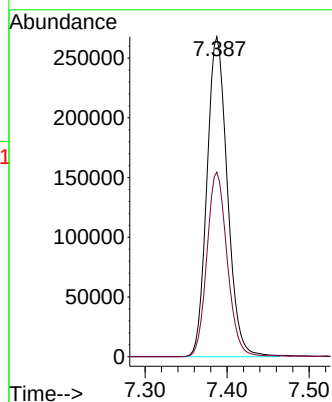
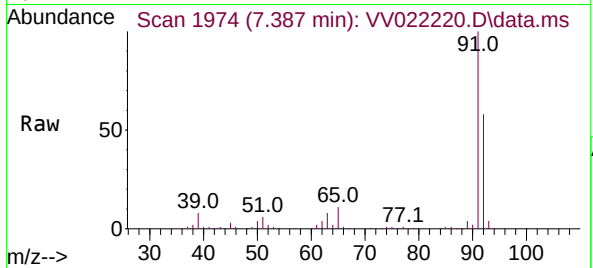




#42
Toluene
Concen: 46.445 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

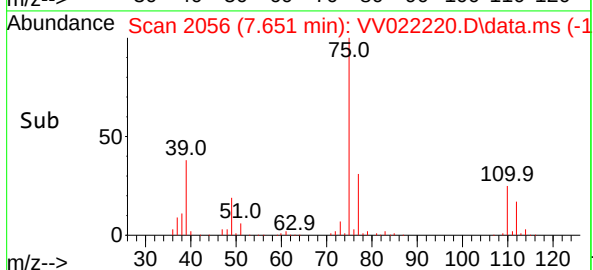
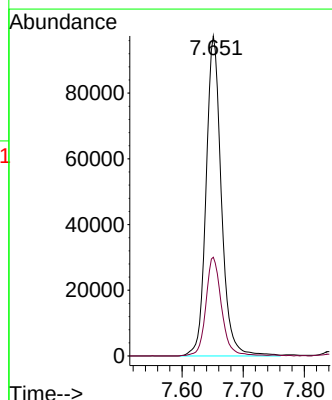
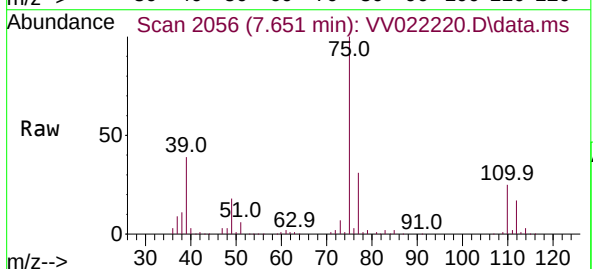
Instrument :
MSVOA_V
ClientSampled :

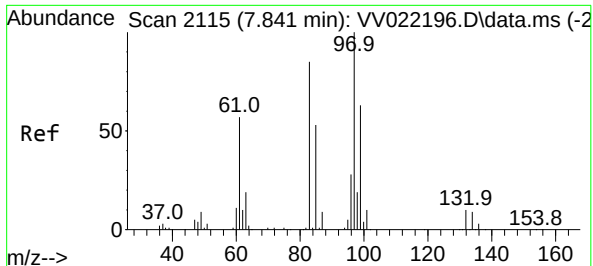
Tgt Ion: 91 Resp: 462832
Ion Ratio Lower Upper
91 100
92 57.7 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 49.220 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Tgt Ion: 75 Resp: 169273
Ion Ratio Lower Upper
75 100
77 30.8 21.8 40.6



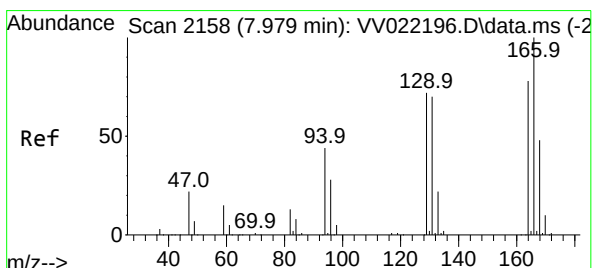
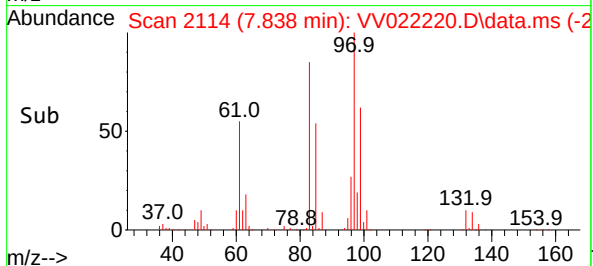
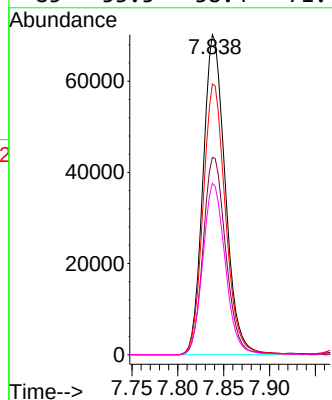
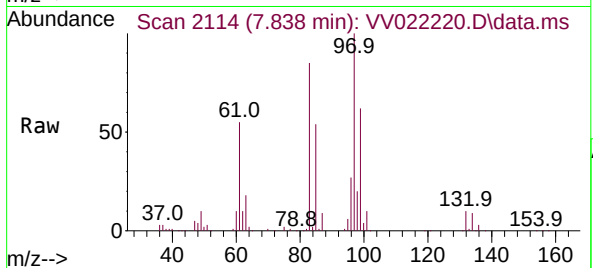


#45

1,1,2-Trichloroethane
Concen: 48.700 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Instrument :
MSVOA_V
ClientSampled :

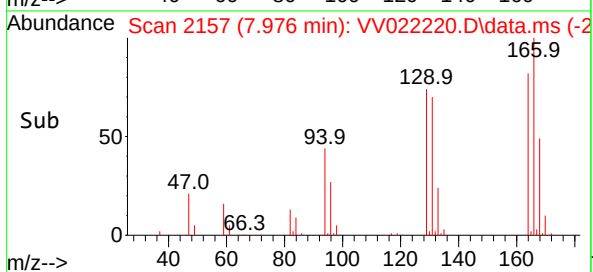
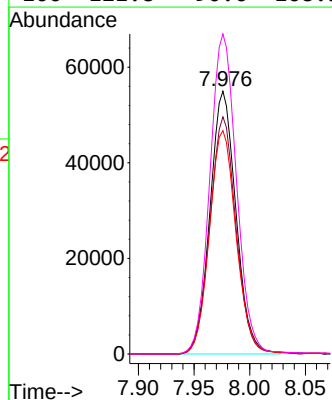
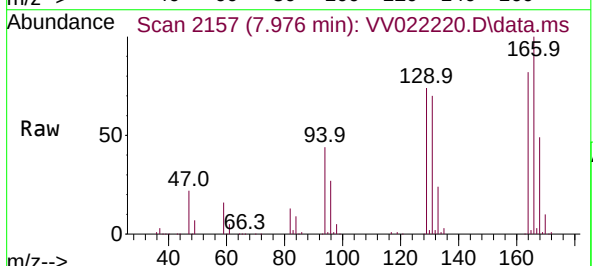
Tgt Ion:	97	Resp:	118596
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.8	81.4
83	84.6	58.8	109.2
85	53.5	38.4	71.4

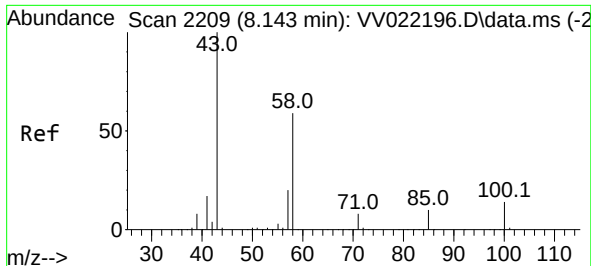


#46

Tetrachloroethene
Concen: 43.913 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Tgt Ion:	164	Resp:	89301
Ion	Ratio	Lower	Upper
164	100		
129	90.3	62.9	116.9
131	85.0	61.0	113.4
166	121.8	90.6	168.3



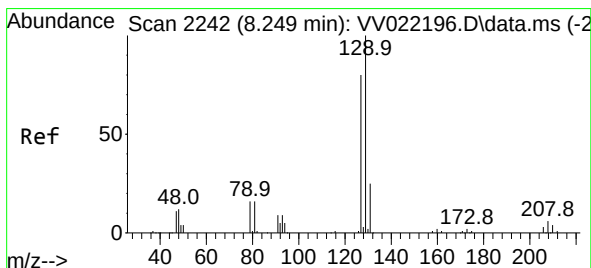
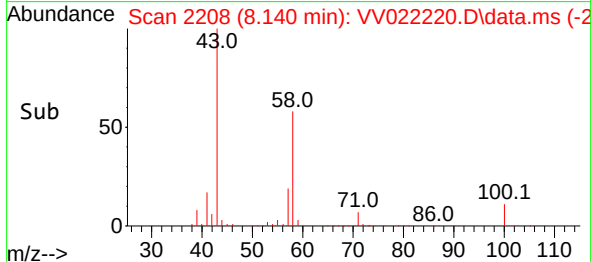
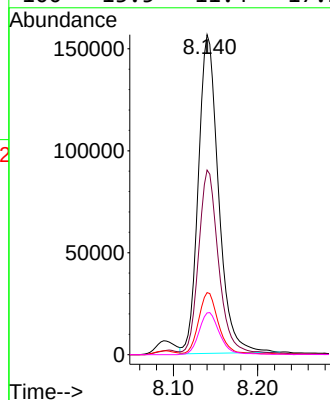
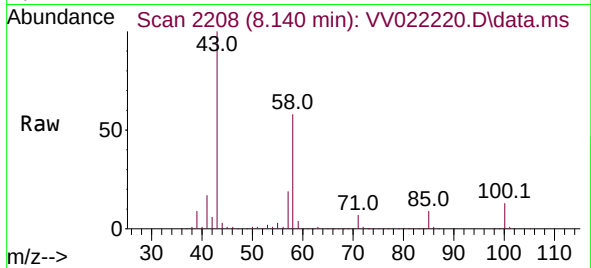


#48
2-Hexanone
Concen: 103.824 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 261380

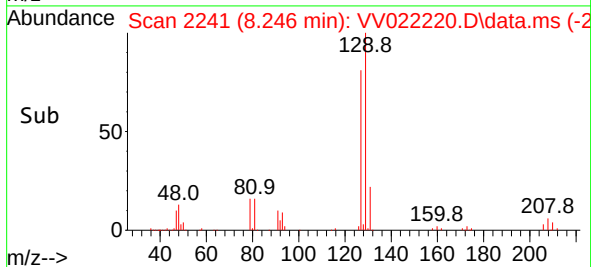
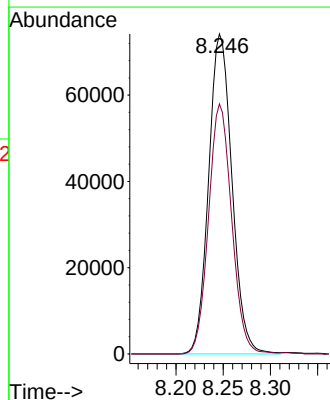
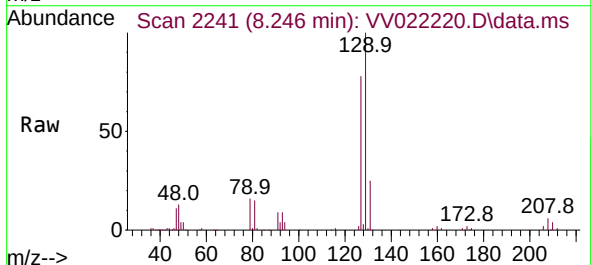
Ion	Ratio	Lower	Upper
43	100		
58	58.1	47.5	71.3
57	19.3	15.9	23.9
100	13.5	11.4	17.2

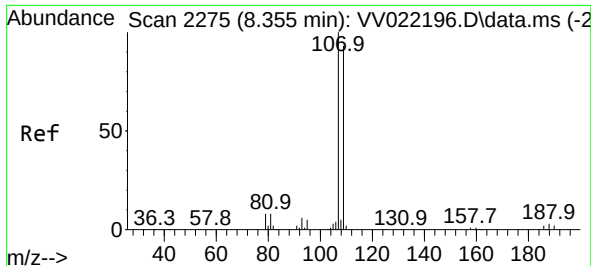


#49
Dibromochloromethane
Concen: 48.941 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Tgt Ion: 129 Resp: 127574

Ion	Ratio	Lower	Upper
129	100		
127	78.2	54.1	100.5





#50

1,2-Dibromoethane

Concen: 47.146 ug/L

RT: 8.352 min Scan# 2274

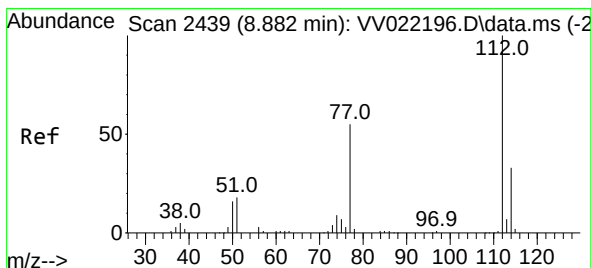
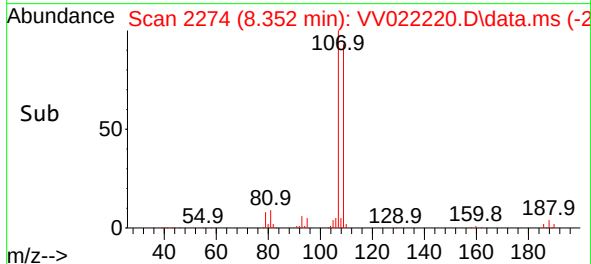
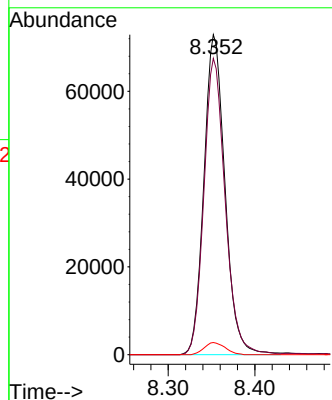
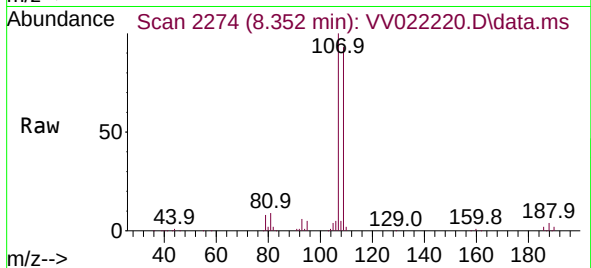
Delta R.T. -0.003 min

Lab File: VV022220.D

Acq: 20 Sep 2021 10:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	107	Resp:	123220
Ion	Ratio	Lower	Upper
107	100		
109	92.6	65.5	121.6
188	3.8	3.2	4.8



#51

Chlorobenzene

Concen: 45.832 ug/L

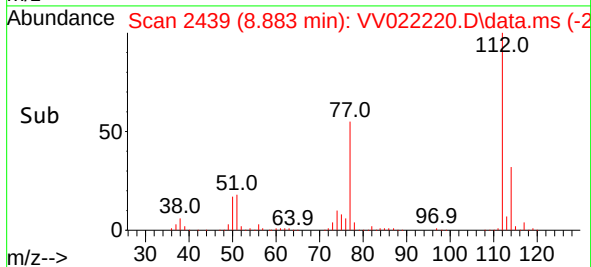
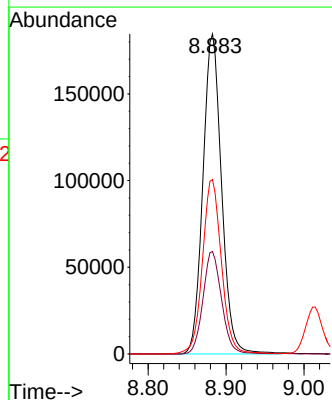
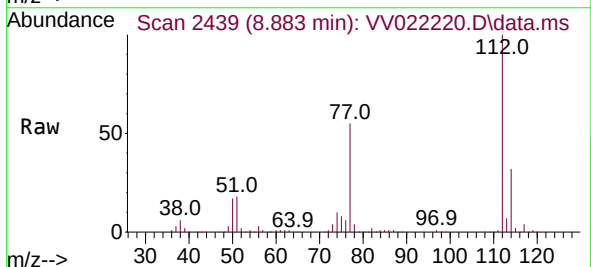
RT: 8.883 min Scan# 2439

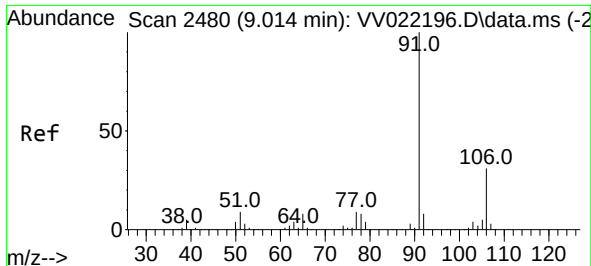
Delta R.T. 0.000 min

Lab File: VV022220.D

Acq: 20 Sep 2021 10:08

Tgt Ion:	112	Resp:	307074
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.0	41.0
77	54.5	43.2	64.8

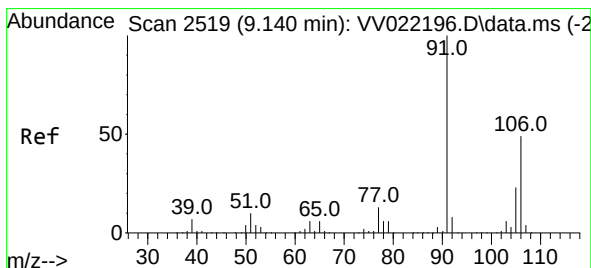
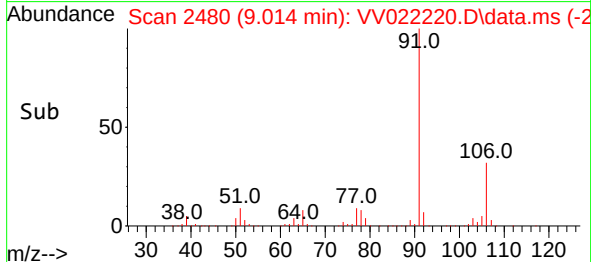
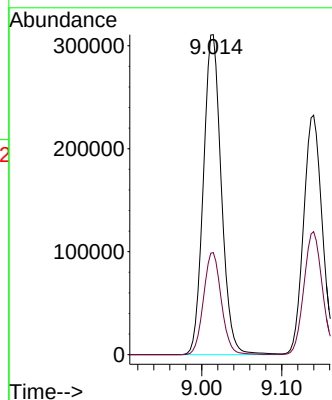
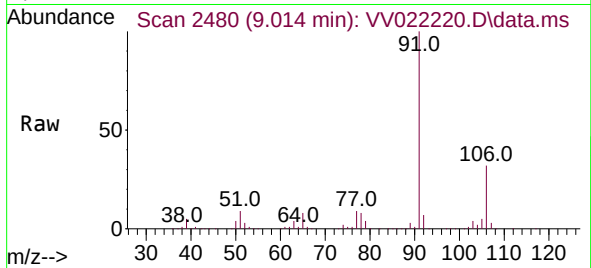




#52
Ethylbenzene
Concen: 45.069 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

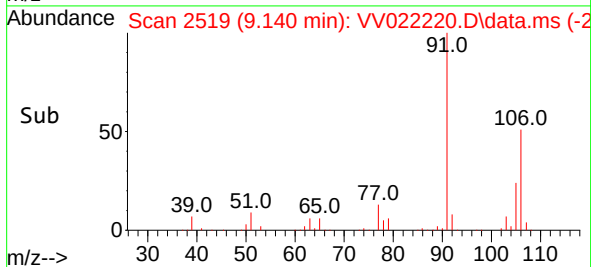
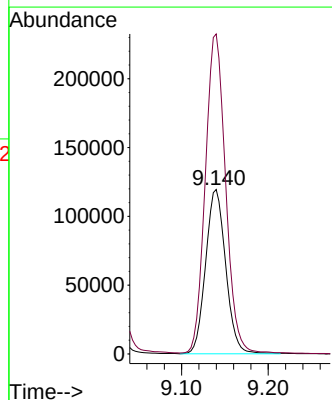
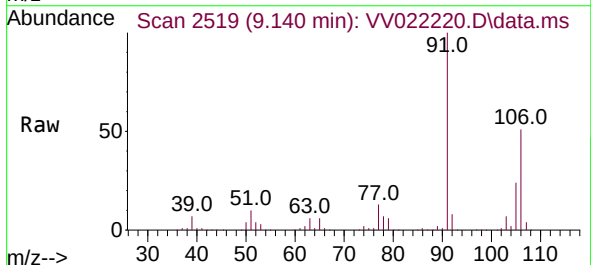
Instrument :
MSVOA_V
ClientSampled :

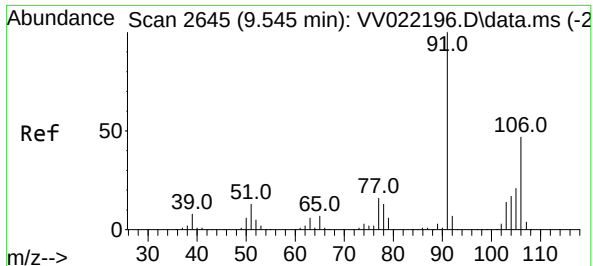
Tgt Ion: 91 Resp: 486171
Ion Ratio Lower Upper
91 100
106 31.9 21.7 40.3



#53
m,p-Xylene
Concen: 45.846 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Tgt Ion: 106 Resp: 192228
Ion Ratio Lower Upper
106 100
91 194.6 139.1 258.3

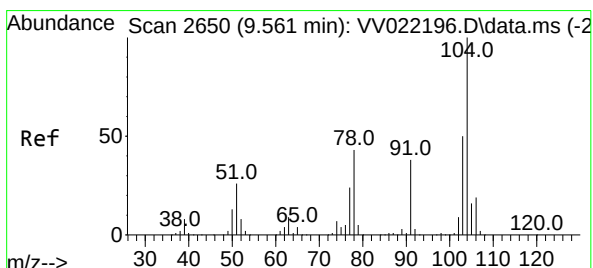
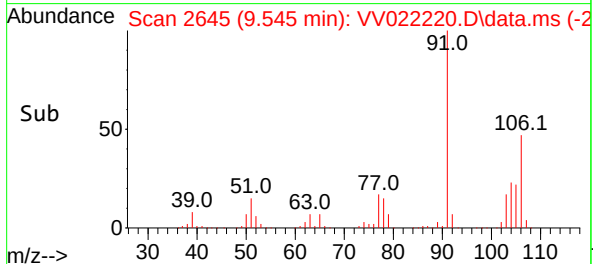
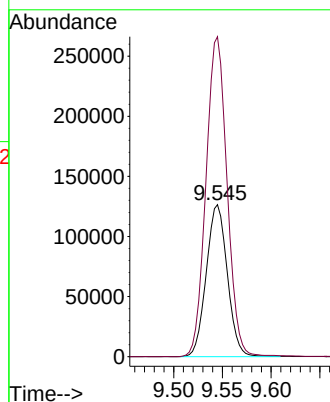
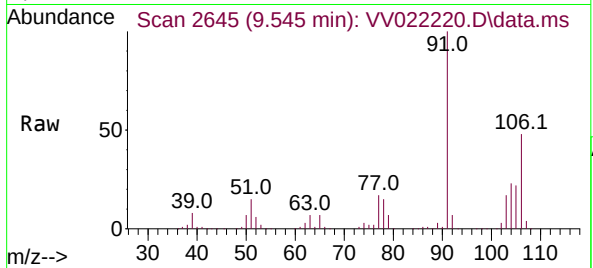




#54
o-Xylene
Concen: 45.912 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

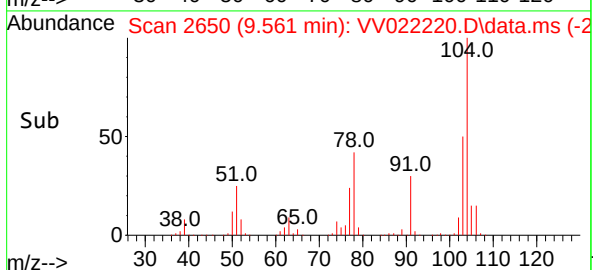
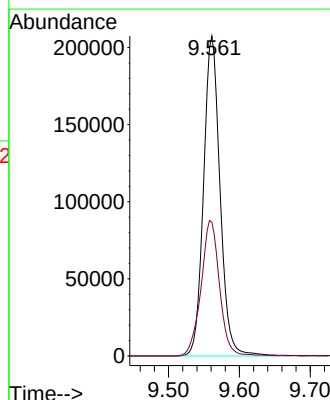
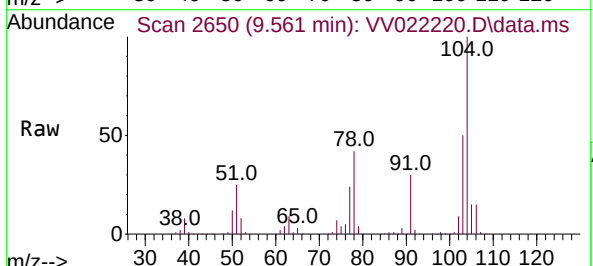
Instrument :
MSVOA_V
ClientSampled :

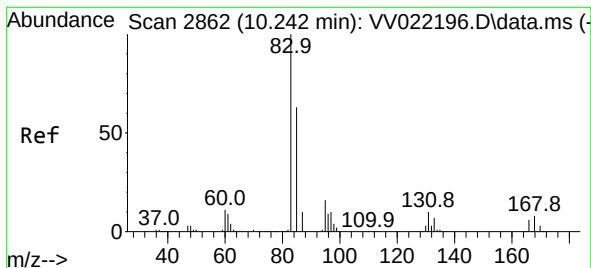
Tgt Ion:106 Resp: 190469
Ion Ratio Lower Upper
106 100
91 210.4 150.1 278.9



#55
Styrene
Concen: 47.317 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Tgt Ion:104 Resp: 335003
Ion Ratio Lower Upper
104 100
78 41.8 28.6 53.2



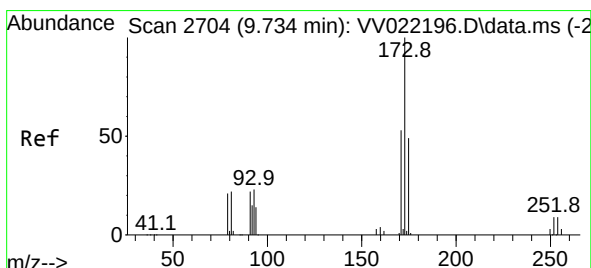
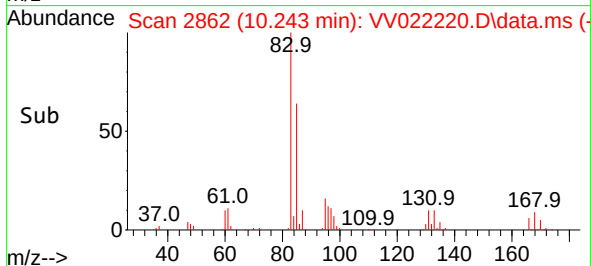
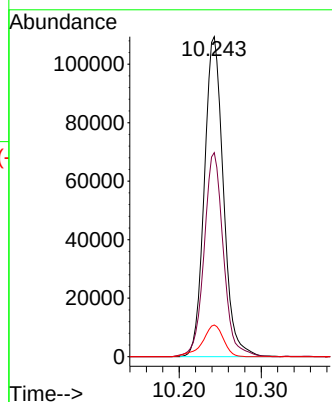
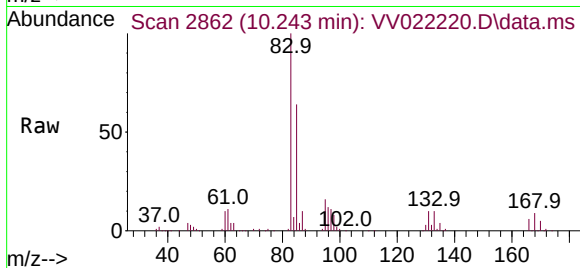


#57
 1,1,2,2-Tetrachloroethane
 Concen: 49.969 ug/L
 RT: 10.243 min Scan# 2862
 Delta R.T. 0.000 min
 Lab File: VV022220.D
 Acq: 20 Sep 2021 10:08

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 83 Resp: 176308

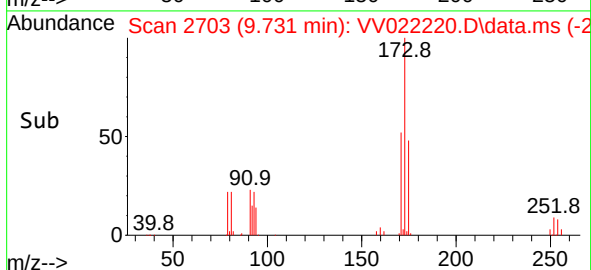
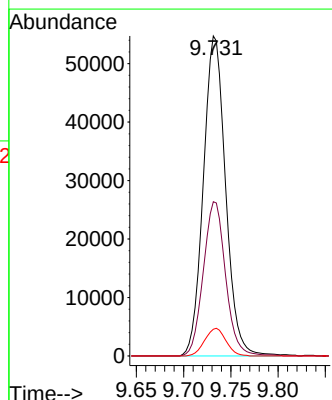
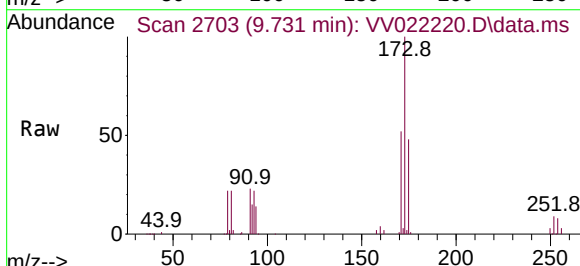
Ion	Ratio	Lower	Upper
83	100		
85	63.8	44.7	83.1
131	9.9	8.2	12.2

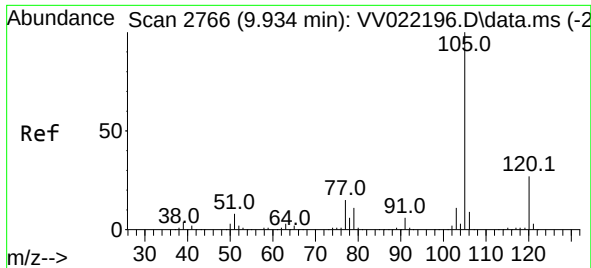


#59
 Bromoform
 Concen: 50.929 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.003 min
 Lab File: VV022220.D
 Acq: 20 Sep 2021 10:08

Tgt Ion: 173 Resp: 89734

Ion	Ratio	Lower	Upper
173	100		
175	48.0	38.8	58.2
254	8.2	7.0	10.4

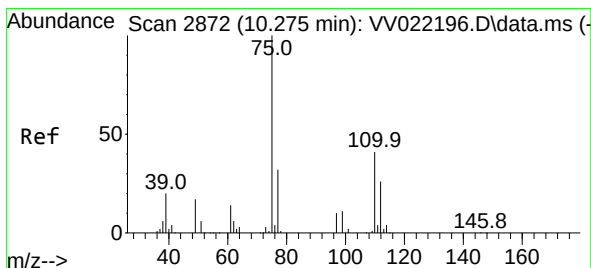
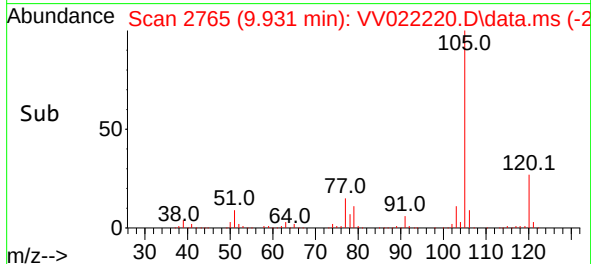
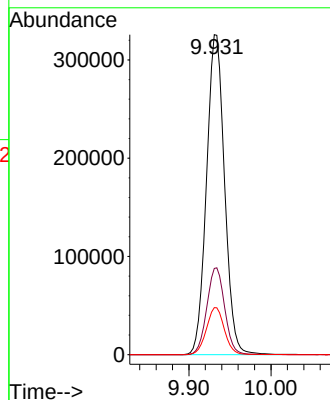
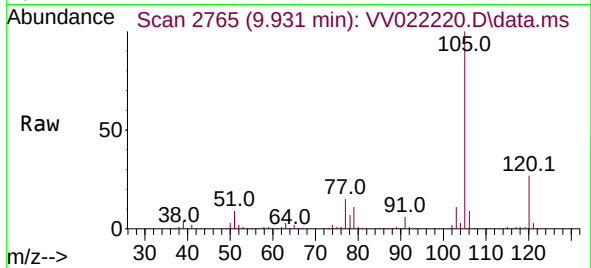




#60
Isopropylbenzene
Concen: 47.896 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

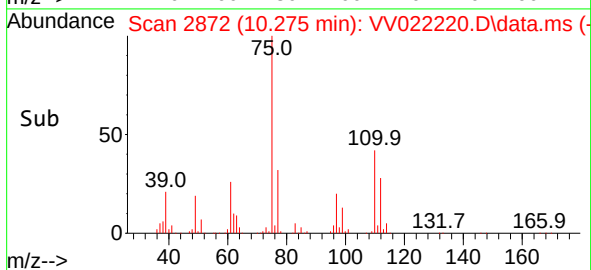
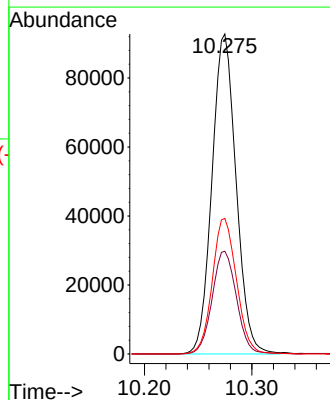
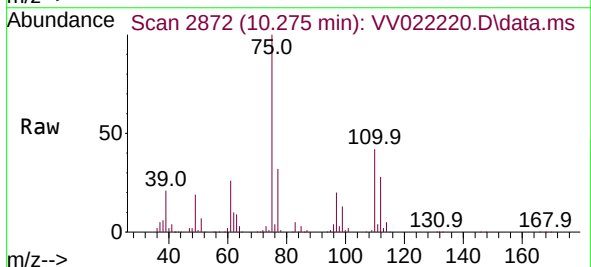
Instrument :
MSVOA_V
ClientSampleId :

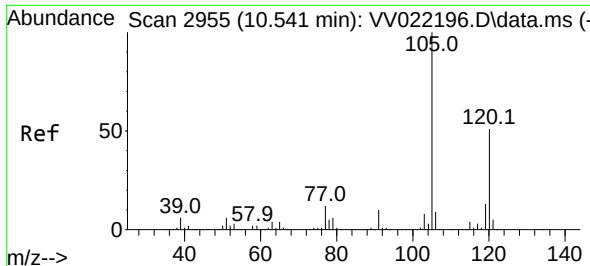
Tgt Ion:105 Resp: 499264
Ion Ratio Lower Upper
105 100
120 26.8 21.5 32.3
77 14.7 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 50.360 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Tgt Ion: 75 Resp: 144792
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2
110 42.4 33.8 50.6

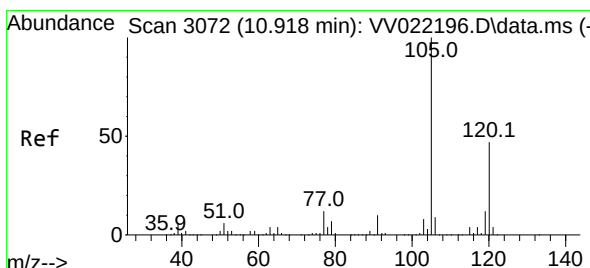
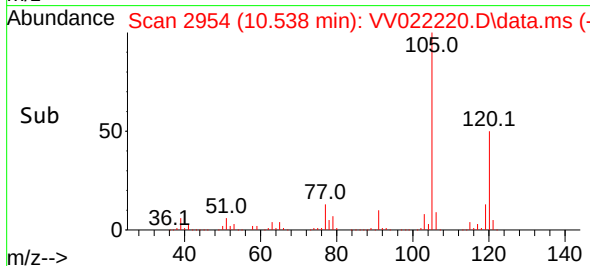
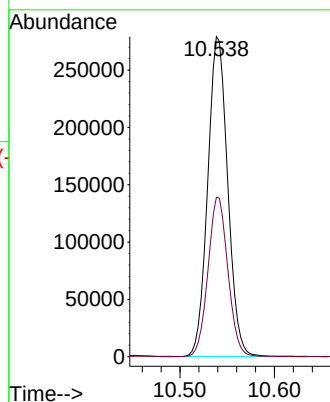
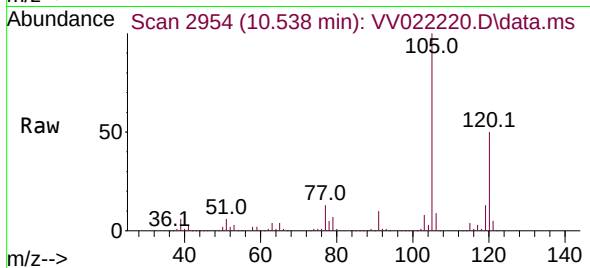




#62
1,3,5-Trimethylbenzene
Concen: 46.839 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

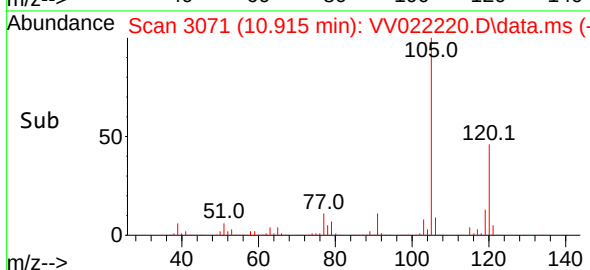
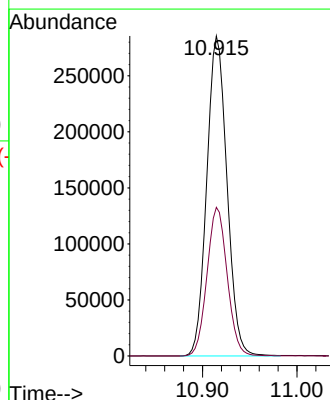
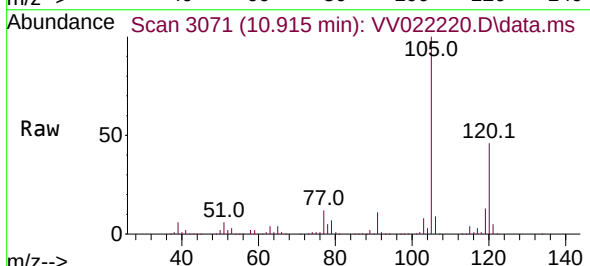
Instrument :
MSVOA_V
ClientSampled :

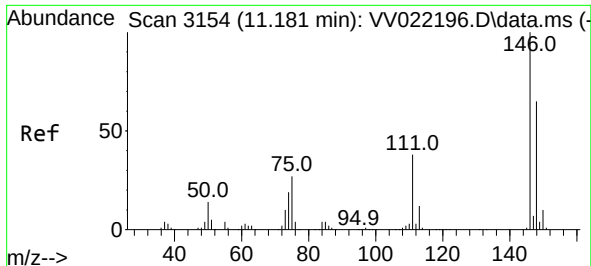
Tgt Ion:105 Resp: 409896
Ion Ratio Lower Upper
105 100
120 49.8 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 47.688 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.003 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Tgt Ion:105 Resp: 424184
Ion Ratio Lower Upper
105 100
120 46.3 37.4 56.0

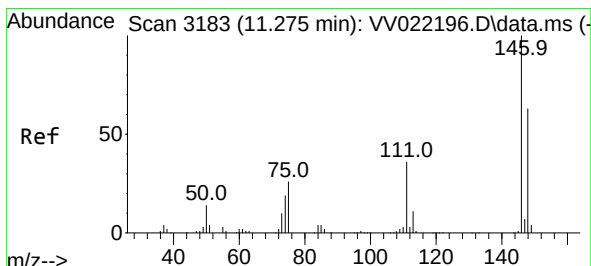
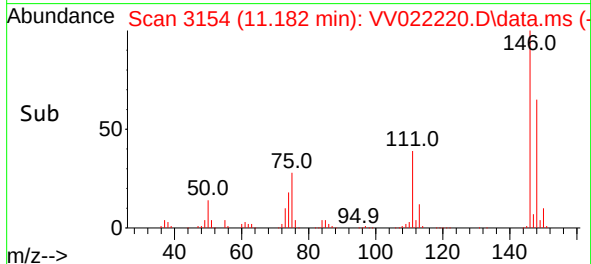
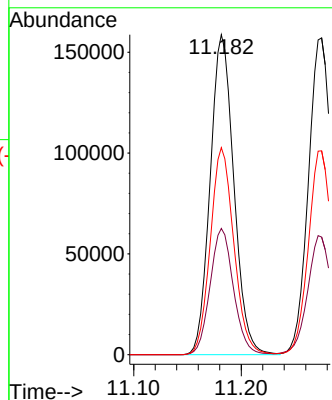
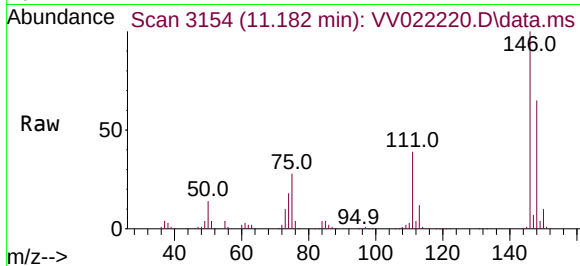




#64
1,3-Dichlorobenzene
Concen: 45.864 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

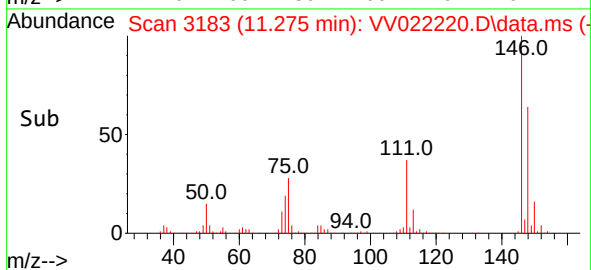
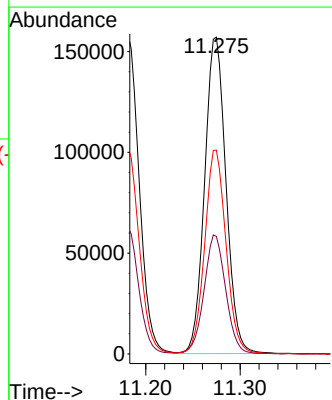
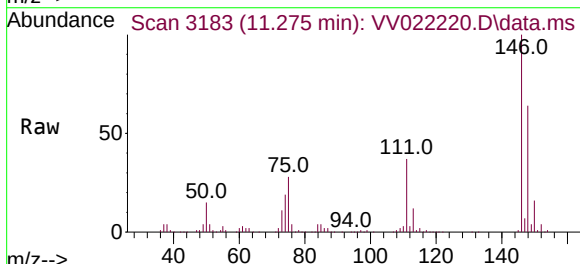
Instrument :
MSVOA_V
ClientSampleId :

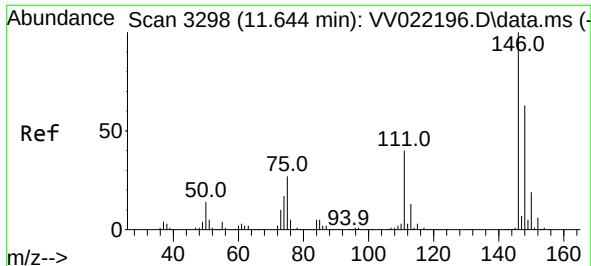
Tgt Ion:146 Resp: 242736
Ion Ratio Lower Upper
146 100
111 39.5 26.9 50.1
148 64.7 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 45.445 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Tgt Ion:146 Resp: 246117
Ion Ratio Lower Upper
146 100
111 37.1 25.3 46.9
148 64.4 44.4 82.5

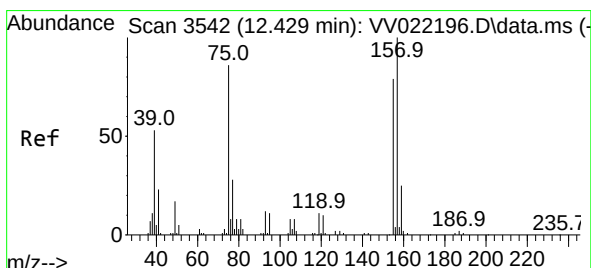
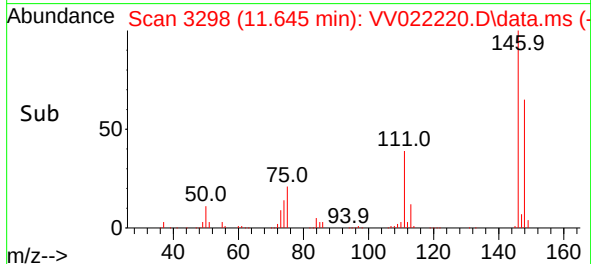
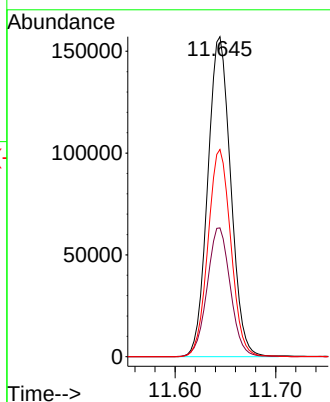
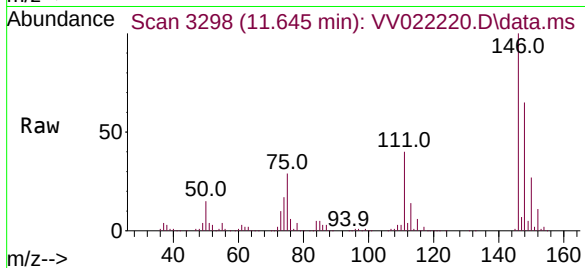




#67
1,2-Dichlorobenzene
Concen: 47.464 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

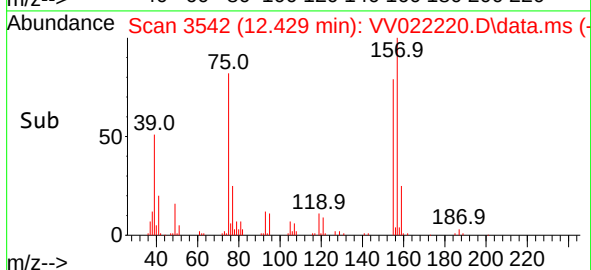
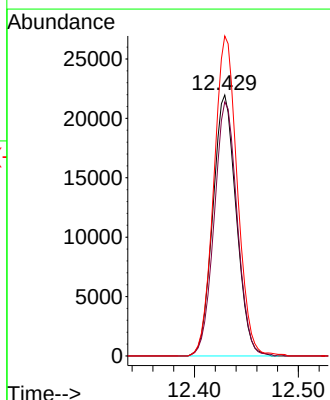
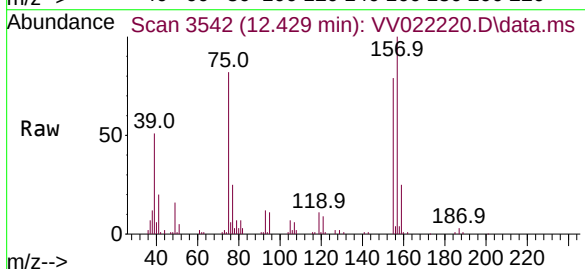
Instrument :
MSVOA_V
ClientSampled :

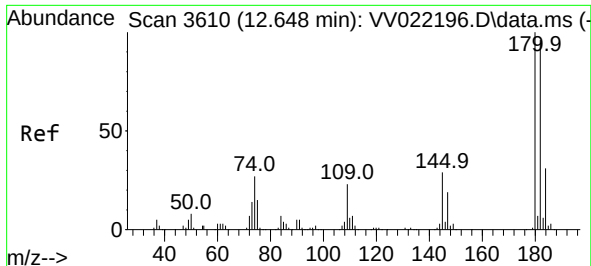
Tgt Ion:146 Resp: 249426
Ion Ratio Lower Upper
146 100
111 40.3 31.6 47.4
148 64.7 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 49.560 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

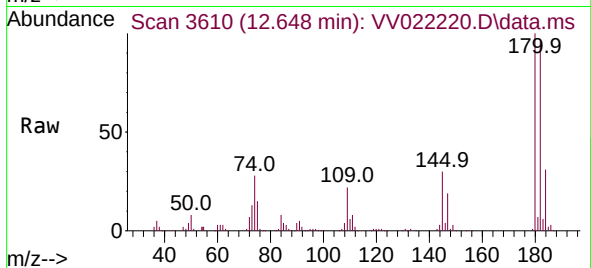
Tgt Ion: 75 Resp: 34342
Ion Ratio Lower Upper
75 100
155 97.3 79.8 119.6
157 122.6 98.3 147.5



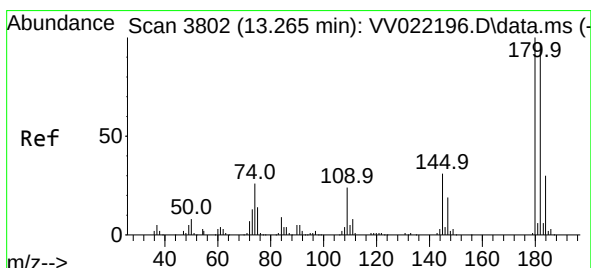
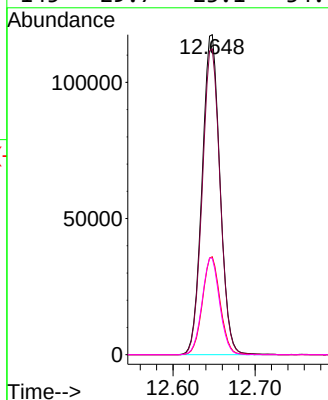
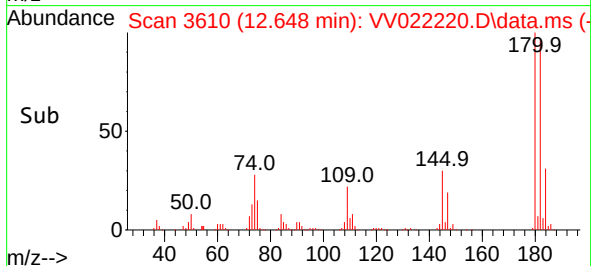


#69
1,3,5-Trichlorobenzene
Concen: 45.036 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

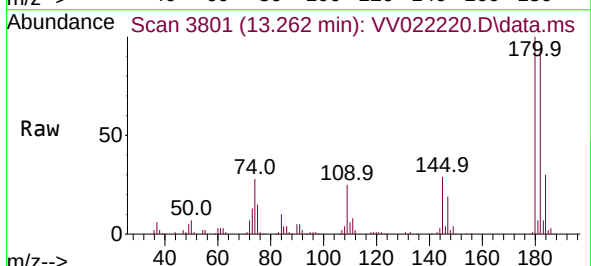
Instrument :
MSVOA_V
ClientSampleId :



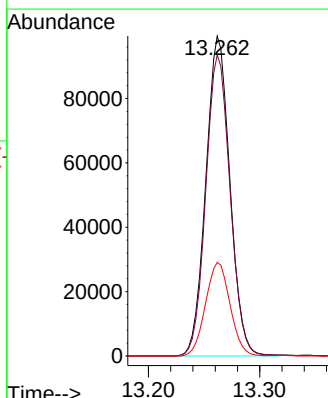
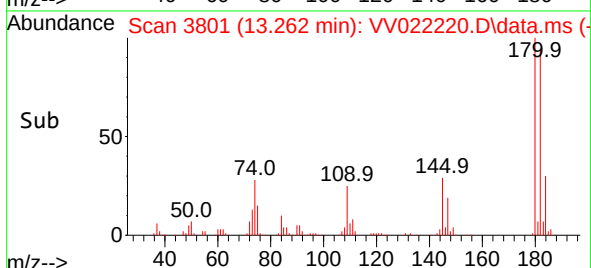
Tgt Ion:180 Resp: 178227
Ion Ratio Lower Upper
180 100
182 95.4 76.4 114.6
184 30.2 24.0 36.0
145 29.7 23.1 34.7

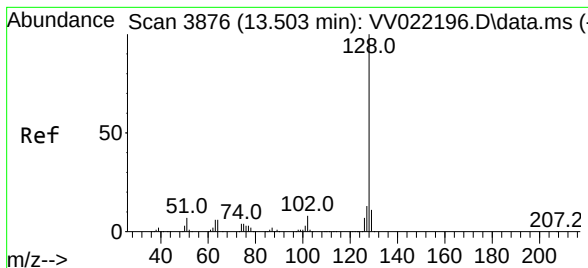


#70
1,2,4-trichlorobenzene
Concen: 42.905 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.003 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08



Tgt Ion:180 Resp: 149366
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 29.7 23.8 35.6

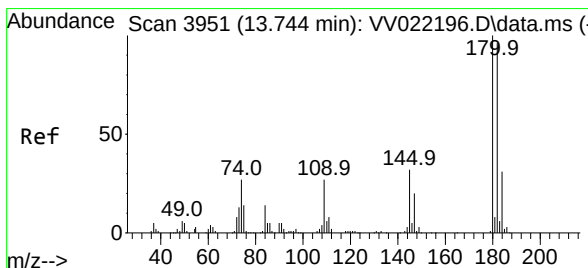
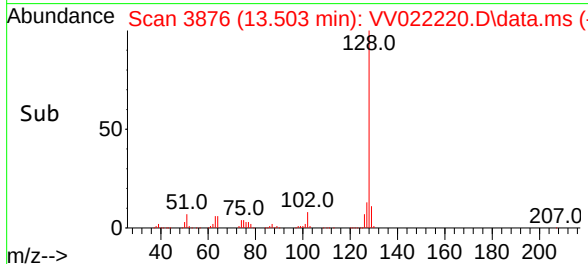
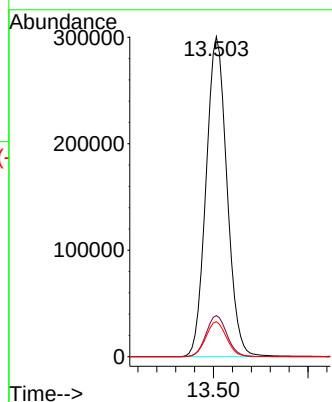
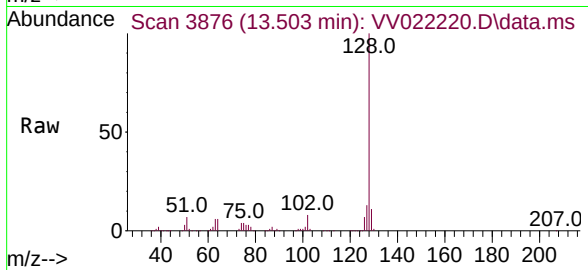




#71
Naphthalene
Concen: 46.097 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 461631
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 46.489 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022220.D
Acq: 20 Sep 2021 10:08

Tgt Ion:180 Resp: 157855
Ion Ratio Lower Upper
180 100
182 94.2 76.3 114.5
145 31.2 25.4 38.0

