

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
 Data File : VV021968.D
 Acq On : 27 Aug 2021 11:36
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 02:39:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 28 02:34:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	397814	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	377918	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	210328	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	136574	49.575	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.140%
7) Chloroethane-d5	1.561	69	107051	49.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.520%
11) 1,1-Dichloroethene-d2	2.105	63	229918	50.463	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.920%
21) 2-Butanone-d5	3.873	46	193397	102.361	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.360%
24) Chloroform-d	4.346	84	255986	50.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.920%
26) 1,2-Dichloroethane-d4	5.031	65	151889	51.334	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.660%
32) Benzene-d6	5.050	84	524532	51.172	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.340%
36) 1,2-Dichloropropane-d6	6.069	67	158650	49.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.420%
41) Toluene-d8	7.317	98	499663	51.639	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.280%
43) trans-1,3-Dichloroprop...	7.622	79	80482	52.455	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.900%
47) 2-Hexanone-d5	8.088	63	133361	107.819	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.820%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	217726	52.736	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.480%
66) 1,2-Dichlorobenzene-d4	11.625	152	205898	49.796	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	131730	48.173	ug/L	99
3) Chloromethane	1.240	50	137673	47.547	ug/L	99
5) Vinyl chloride	1.310	62	140325	48.082	ug/L	99
6) Bromomethane	1.513	94	90273	51.448	ug/L	99
8) Chloroethane	1.581	64	86598	47.432	ug/L	100
9) Trichlorofluoromethane	1.751	101	204122	49.115	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	120361	49.376	ug/L	98
12) 1,1-Dichloroethene	2.114	96	113133	49.303	ug/L	94
13) Acetone	2.426	43	133478	84.317	ug/L	100
14) Carbon disulfide	2.291	76	348282	50.301	ug/L	100
15) Methyl Acetate	2.426	43	150240	48.734	ug/L	99
16) Methylene chloride	2.503	84	149030	48.475	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	138235	49.824	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	436564	49.516	ug/L	100
19) 1,1-Dichloroethane	3.188	63	243569	49.291	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	153578	49.734	ug/L	97
22) 2-Butanone	3.957	43	217661	97.816	ug/L	100
23) Bromochloromethane	4.246	128	81745	49.707	ug/L	97
25) Chloroform	4.375	83	251593	48.097	ug/L	99

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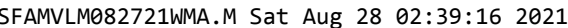
Instrument :
 MSVOA_V
 ClientSampleId :

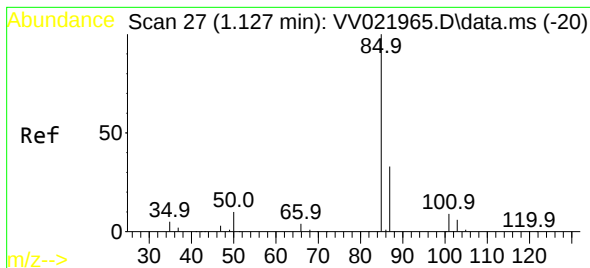
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	176673	50.385	ug/L	99
29) Cyclohexane	4.677	56	209191	49.517	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	223722	49.809	ug/L	98
31) Carbon tetrachloride	4.828	117	193501	50.144	ug/L	100
33) Benzene	5.098	78	541019	49.205	ug/L	100
34) Trichloroethene	5.915	95	149347	47.952	ug/L	99
35) Methylcyclohexane	6.130	83	222139	48.789	ug/L	99
37) 1,2-Dichloropropane	6.172	63	137782	48.342	ug/L	100
38) Bromodichloromethane	6.510	83	181945	49.918	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	225359	51.213	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	381706	98.786	ug/L	99
42) Toluene	7.387	91	594987	50.138	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	210741	51.457	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	143473	49.473	ug/L	99
46) Tetrachloroethene	7.976	164	122019	50.385	ug/L	99
48) 2-Hexanone	8.140	43	301144	100.447	ug/L	99
49) Dibromochloromethane	8.246	129	156704	50.481	ug/L	99
50) 1,2-Dibromoethane	8.352	107	155201	49.866	ug/L	100
51) Chlorobenzene	8.882	112	393155	49.276	ug/L	99
52) Ethylbenzene	9.014	91	646932	50.360	ug/L	100
53) m,p-Xylene	9.140	106	248526	49.774	ug/L	98
54) o-Xylene	9.545	106	247379	50.072	ug/L	97
55) Styrene	9.561	104	427219	50.671	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	217585	51.784	ug/L	100
59) Bromoform	9.735	173	114062	51.060	ug/L	99
60) Isopropylbenzene	9.934	105	654380	49.514	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	173791	47.676	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	553359	49.873	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	572538	50.768	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	328311	48.927	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	333855	48.622	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	324993	48.778	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	45748	52.073	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	253387	50.501	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	226213	51.251	ug/L	100
71) Naphthalene	13.503	128	701609	55.259	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	224635	52.179	ug/L	100

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

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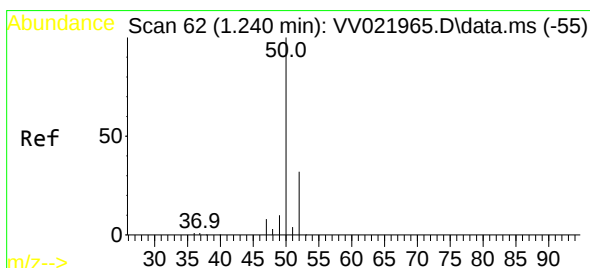
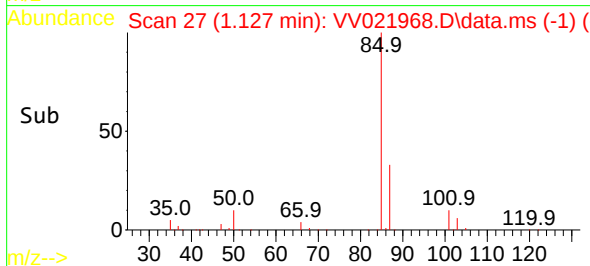
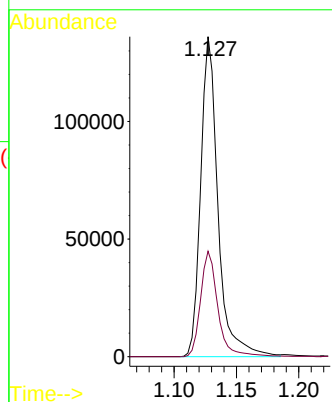
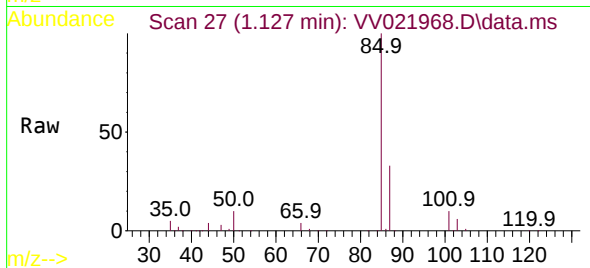




#2
 Dichlorodifluoromethane
 Concen: 48.173 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021968.D
 Acq: 27 Aug 2021 11:36

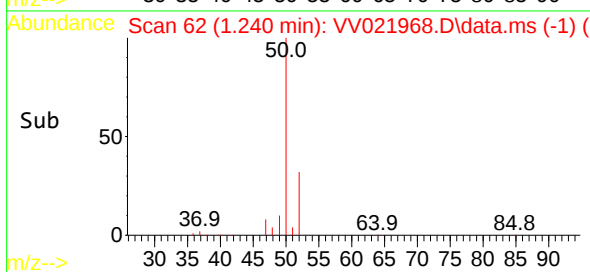
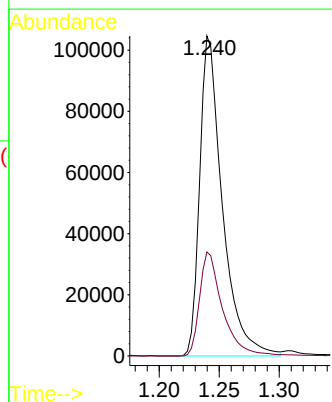
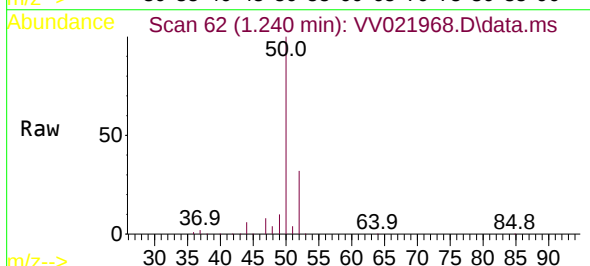
Instrument :
 MSVOA_V
 ClientSampled :

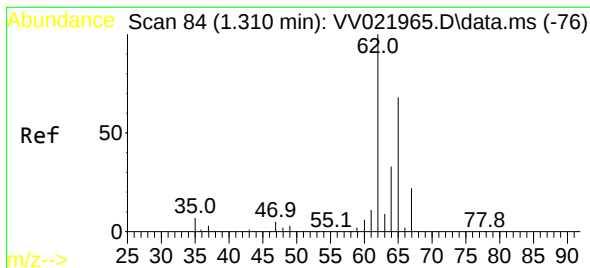
Tgt Ion: 85 Resp: 131730
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.0 39.0



#3
 Chloromethane
 Concen: 47.547 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021968.D
 Acq: 27 Aug 2021 11:36

Tgt Ion: 50 Resp: 137673
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.5 41.9





#5

Vinyl chloride

Concen: 48.082 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV021968.D

Acq: 27 Aug 2021 11:36

Tgt Ion: 62 Resp: 140325

Ion Ratio Lower Upper

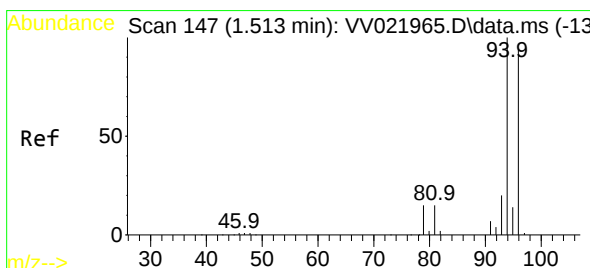
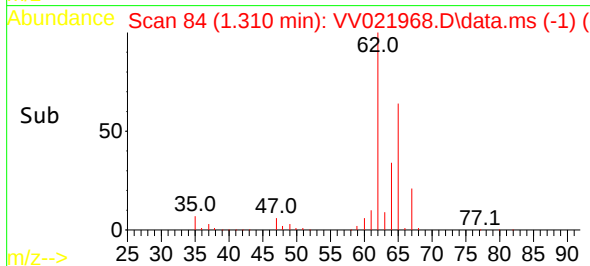
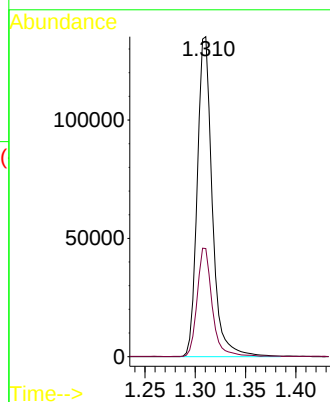
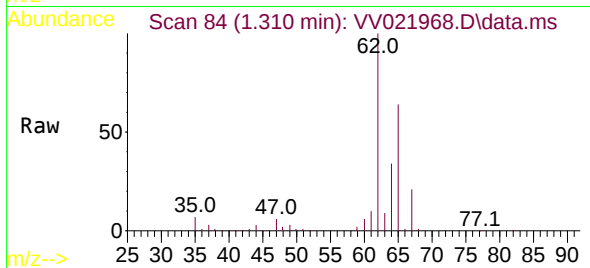
62 100

64 33.8 23.4 43.6

Instrument :

MSVOA_V

ClientSampled :



#6

Bromomethane

Concen: 51.448 ug/L

RT: 1.513 min Scan# 147

Delta R.T. 0.000 min

Lab File: VV021968.D

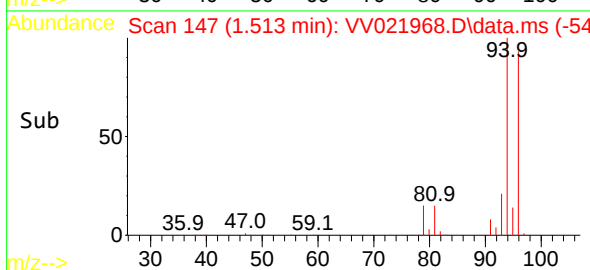
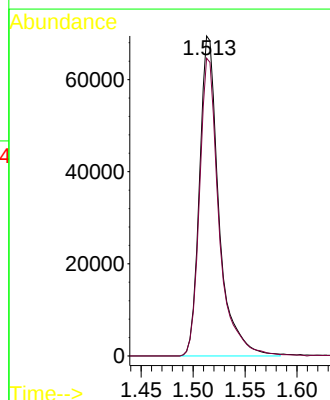
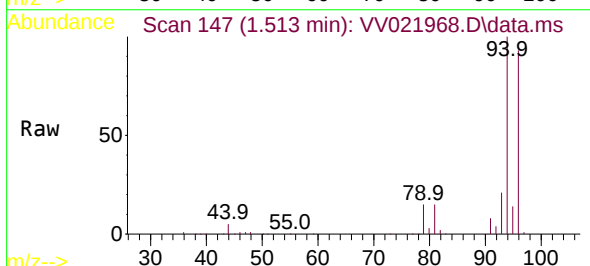
Acq: 27 Aug 2021 11:36

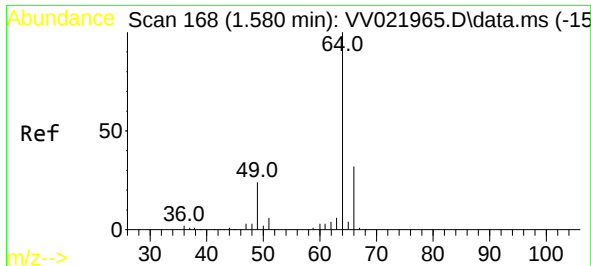
Tgt Ion: 94 Resp: 90273

Ion Ratio Lower Upper

94 100

96 93.0 65.8 122.2

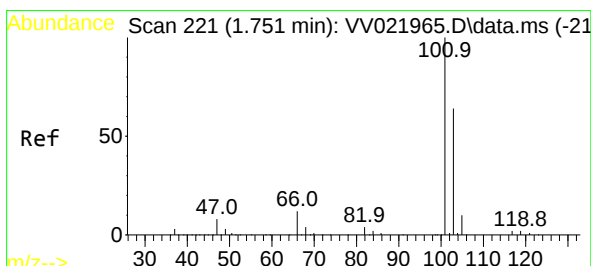
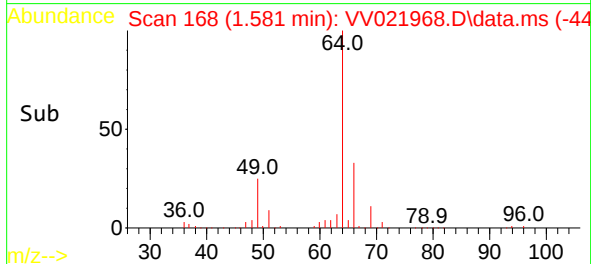
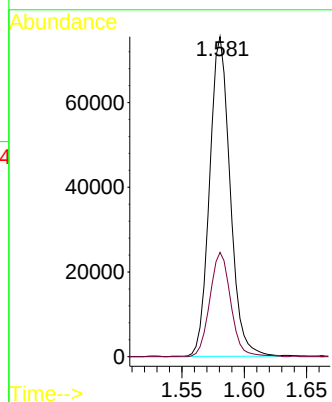
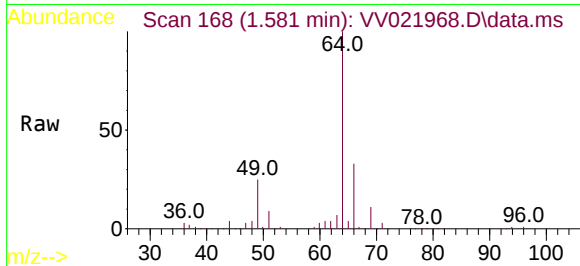




#8
Chloroethane
Concen: 47.432 ug/L
RT: 1.581 min Scan# 168
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

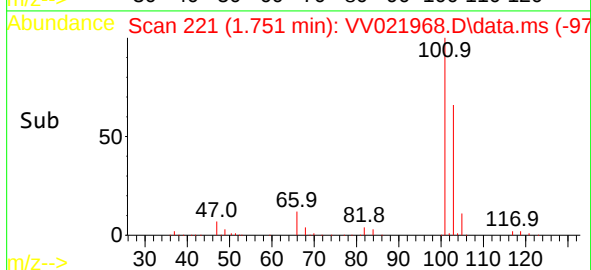
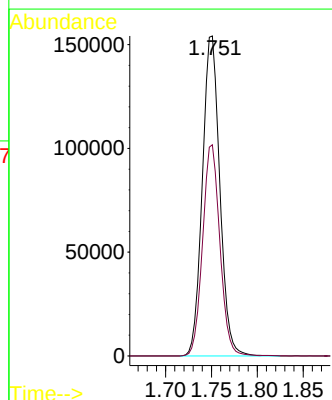
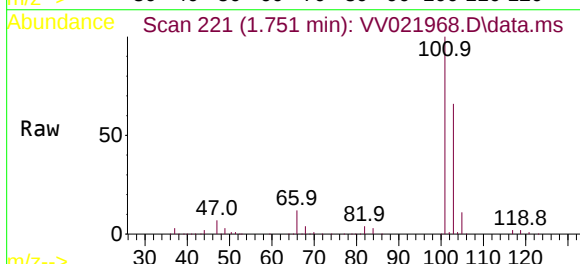
Instrument :
MSVOA_V
ClientSampled :

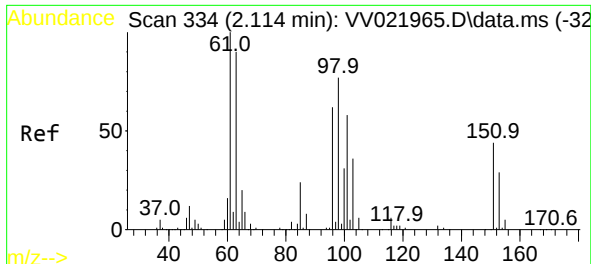
Tgt Ion: 64 Resp: 86598
Ion Ratio Lower Upper
64 100
66 32.6 22.7 42.3



#9
Trichlorofluoromethane
Concen: 49.115 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Tgt Ion: 101 Resp: 204122
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0

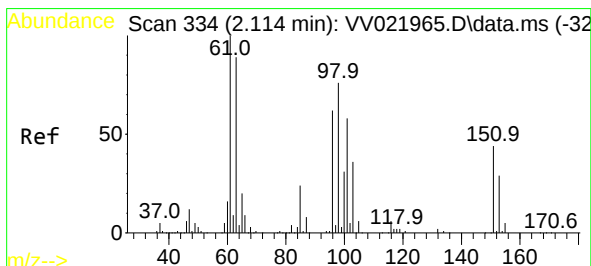
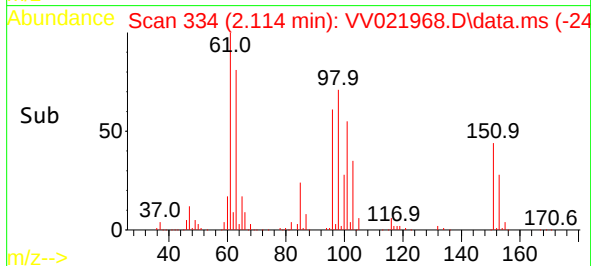
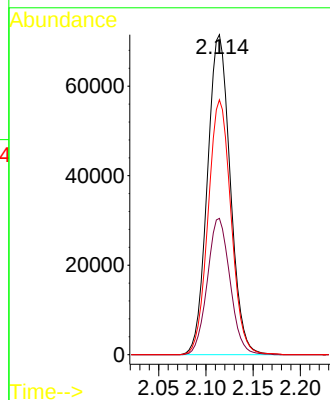
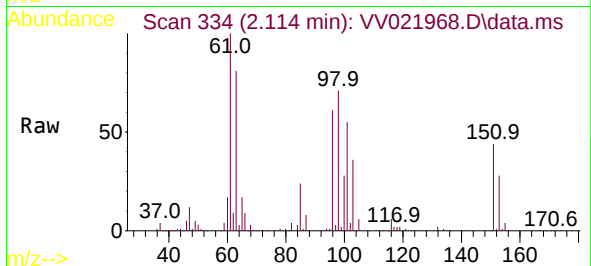




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.376 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

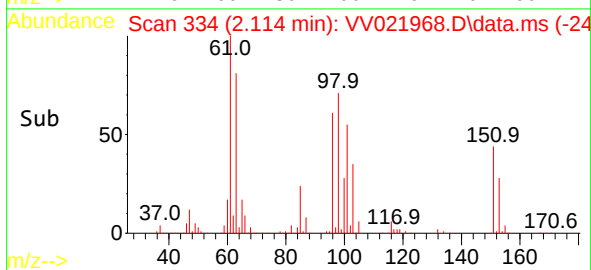
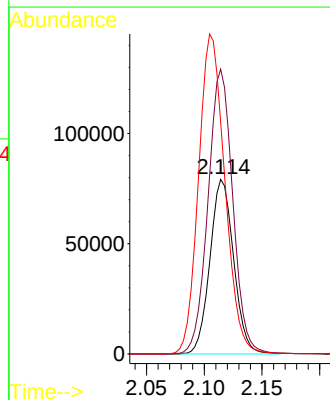
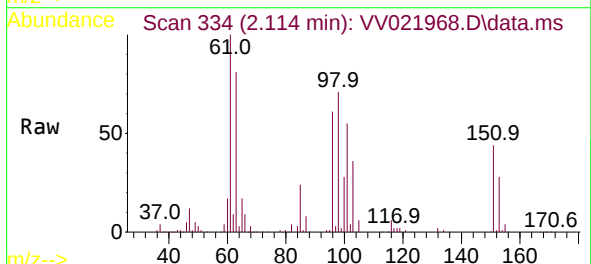
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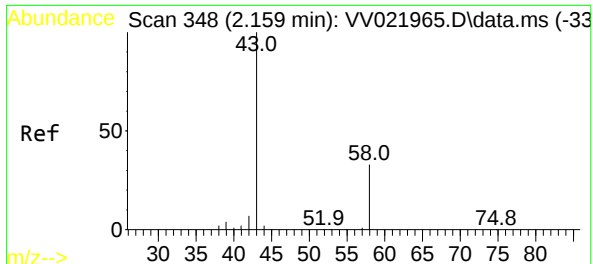
Tgt Ion:101 Resp: 120361
Ion Ratio Lower Upper
101 100
85 42.3 33.4 50.0
151 80.0 61.7 92.5



#12
1,1-Dichloroethene
Concen: 49.303 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Tgt Ion: 96 Resp: 113133
Ion Ratio Lower Upper
96 100
61 163.2 113.2 210.2
63 132.7 102.3 189.9

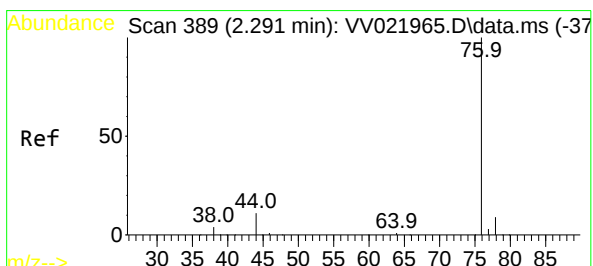
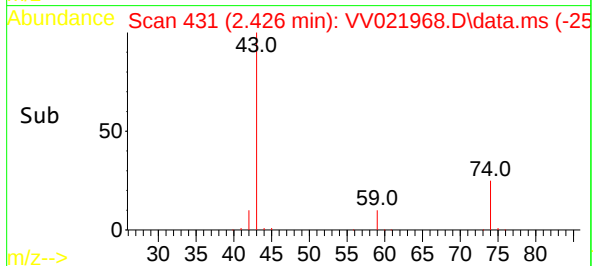
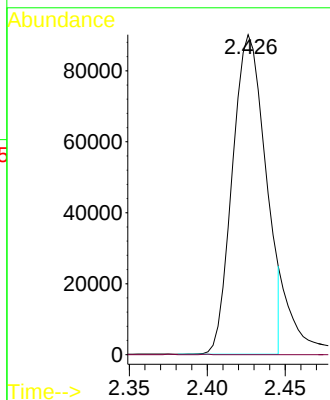
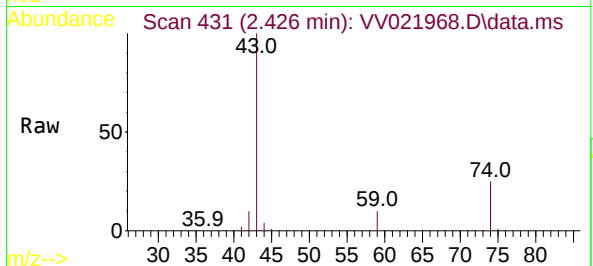




#13
Acetone
Concen: 84.317 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.267 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

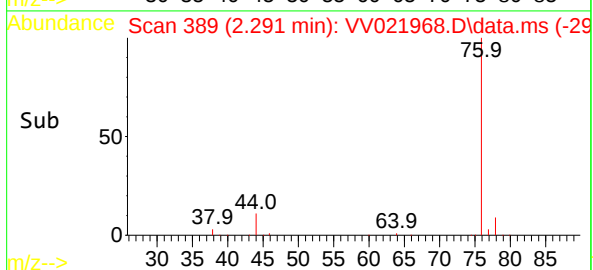
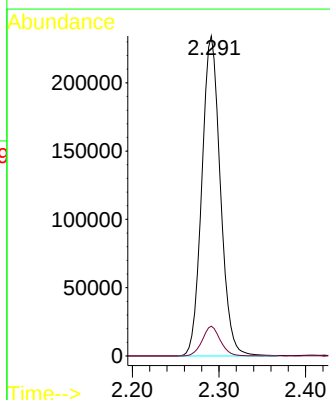
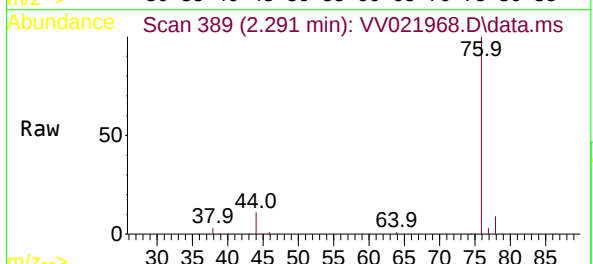
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ClientSampled :

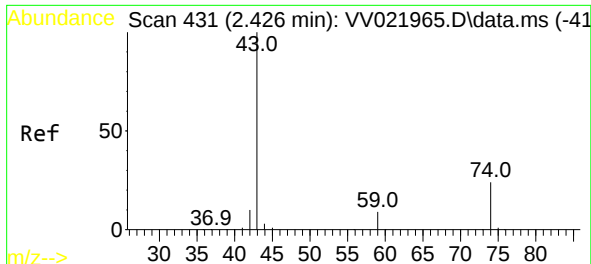
Tgt Ion: 43 Resp: 133478
Ion Ratio Lower Upper
43 100
58 0.0 0.0 0.4



#14
Carbon disulfide
Concen: 50.301 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Tgt Ion: 76 Resp: 348282
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

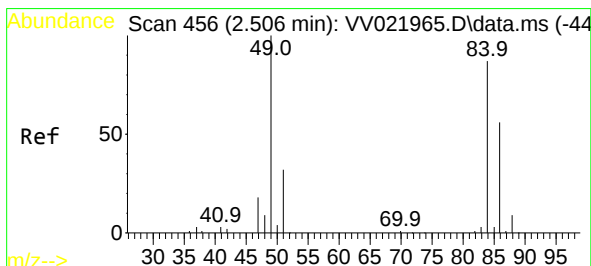
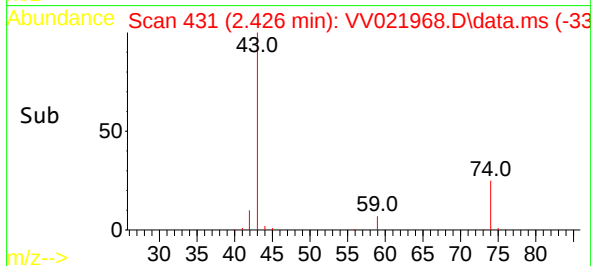
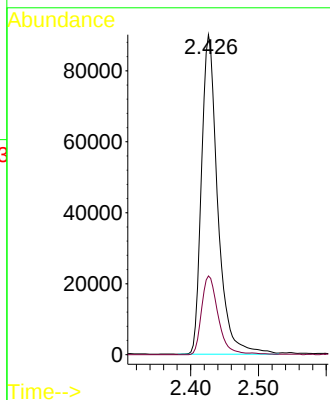
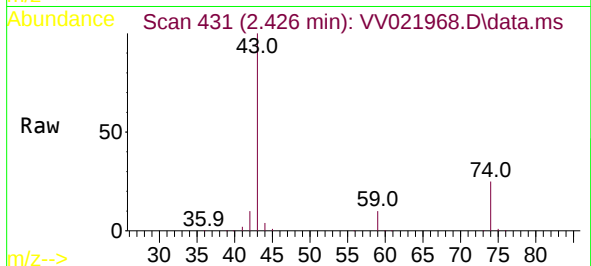




#15
Methyl Acetate
Concen: 48.734 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

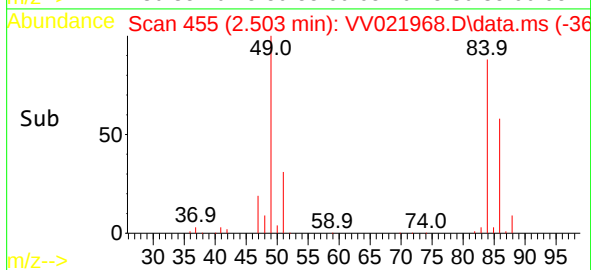
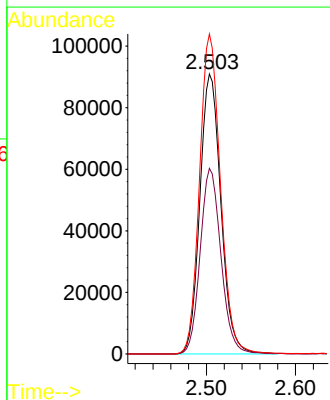
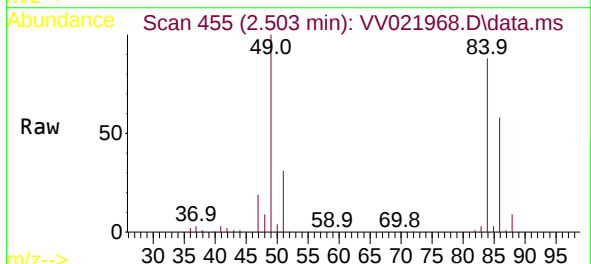
Instrument :
MSVOA_V
ClientSampled :

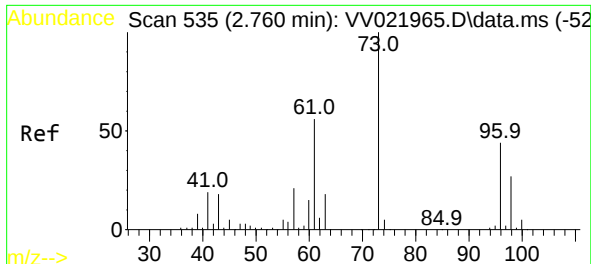
Tgt Ion: 43 Resp: 150240
Ion Ratio Lower Upper
43 100
74 24.9 20.2 30.2



#16
Methylene chloride
Concen: 48.475 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Tgt Ion: 84 Resp: 149030
Ion Ratio Lower Upper
84 100
86 66.3 44.8 83.2
49 114.3 80.2 149.0

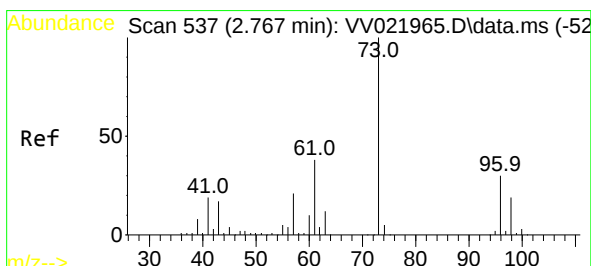
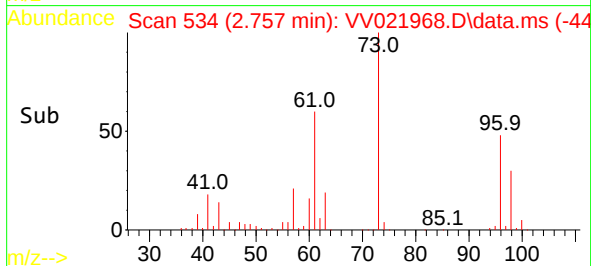
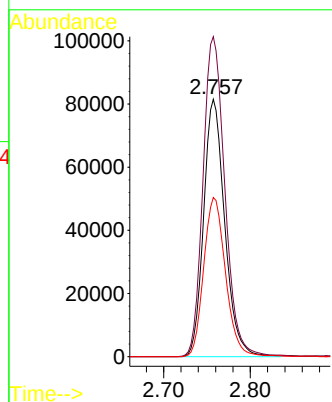
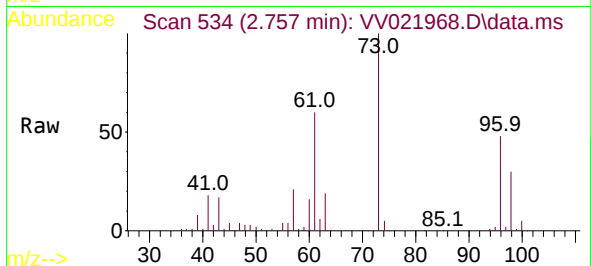




#17
trans-1,2-Dichloroethene
Concen: 49.824 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

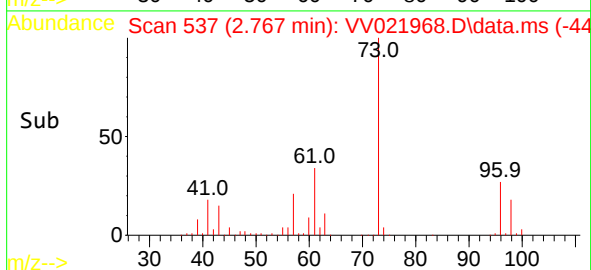
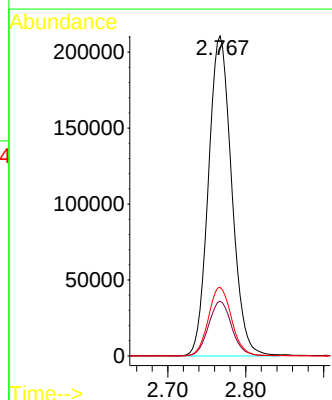
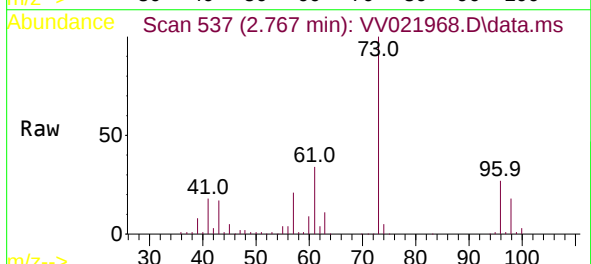
Instrument :
MSVOA_V
ClientSampleId :

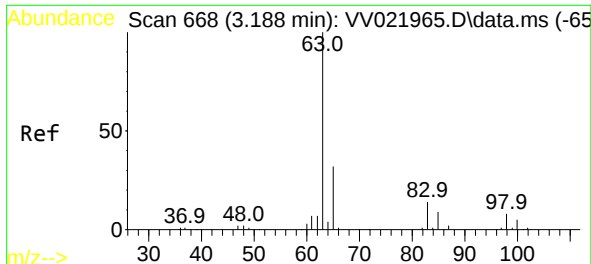
Tgt Ion: 96 Resp: 138235
Ion Ratio Lower Upper
96 100
61 124.3 89.1 165.5
98 61.9 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 49.516 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Tgt Ion: 73 Resp: 436564
Ion Ratio Lower Upper
73 100
43 16.9 13.8 20.6
57 21.5 17.1 25.7





#19

1,1-Dichloroethane

Concen: 49.291 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.000 min

Lab File: VV021968.D

Acq: 27 Aug 2021 11:36

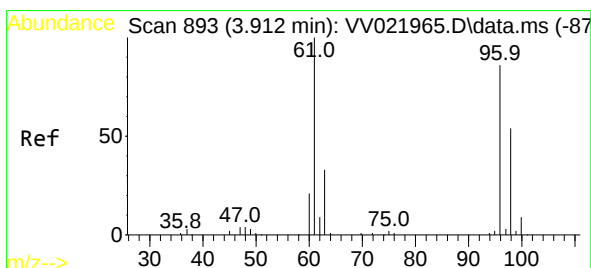
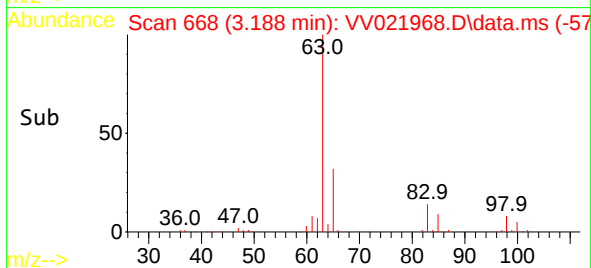
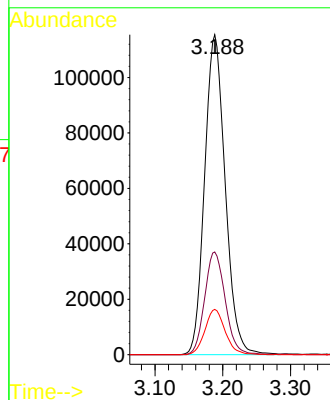
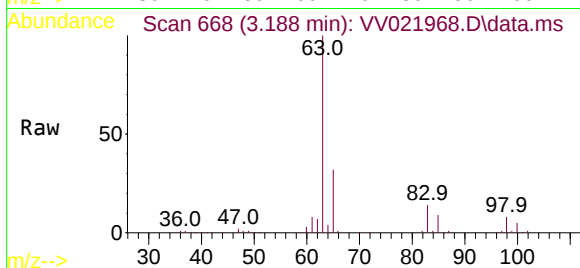
Tgt Ion: 63 Resp: 243569

Ion Ratio Lower Upper

63 100

65 32.1 22.2 41.2

83 14.1 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 49.734 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.000 min

Lab File: VV021968.D

Acq: 27 Aug 2021 11:36

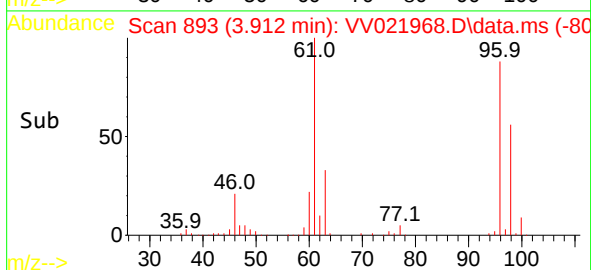
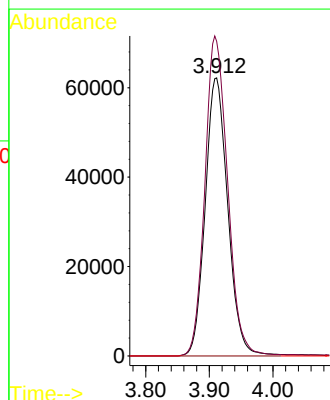
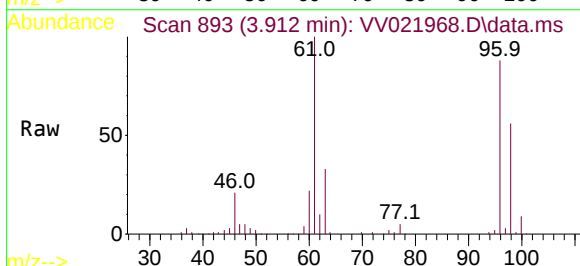
Tgt Ion: 96 Resp: 153578

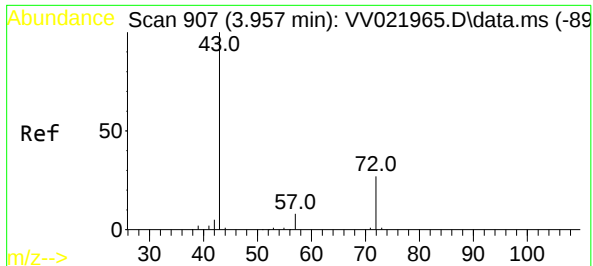
Ion Ratio Lower Upper

96 100

61 113.1 81.8 152.0

68 0.0 0.0 0.0

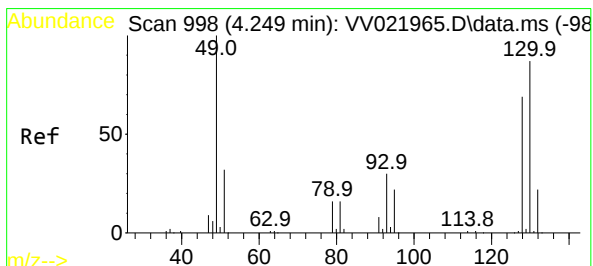
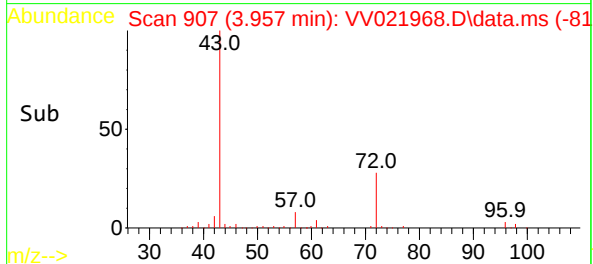
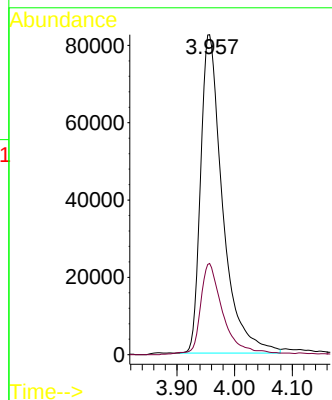
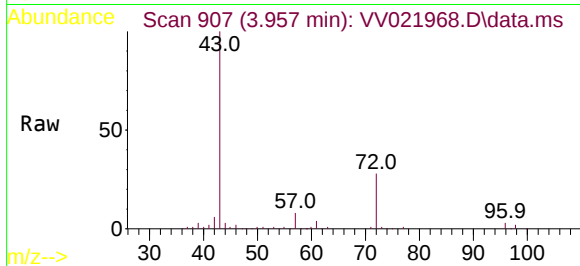




#22
2-Butanone
Concen: 97.816 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

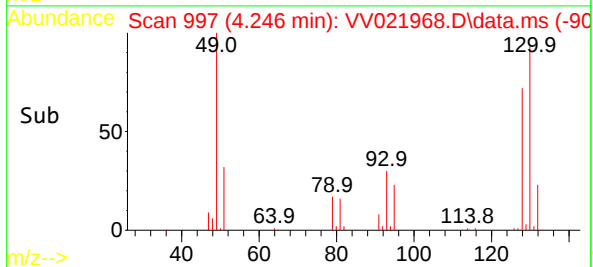
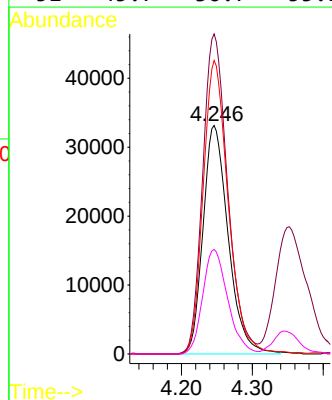
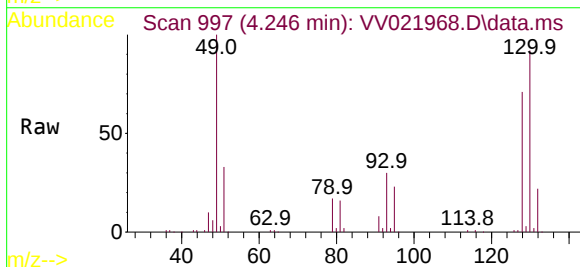
Instrument :
MSVOA_V
ClientSampled :

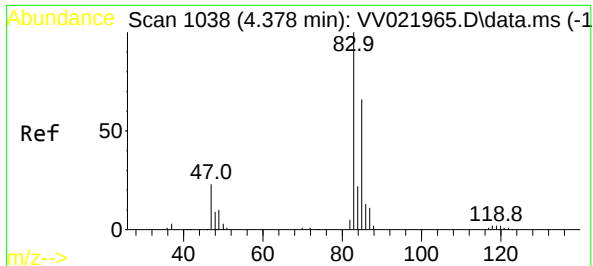
Tgt Ion: 43 Resp: 217661
Ion Ratio Lower Upper
43 100
72 26.7 13.3 39.8



#23
Bromochloromethane
Concen: 49.707 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Tgt Ion: 128 Resp: 81745
Ion Ratio Lower Upper
128 100
49 140.1 101.6 188.8
130 128.5 88.5 164.3
51 45.7 36.7 55.1





#25

Chloroform

Concen: 48.097 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV021968.D

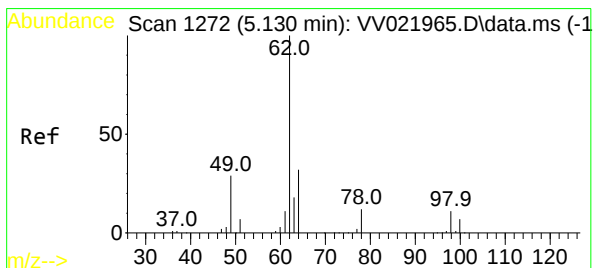
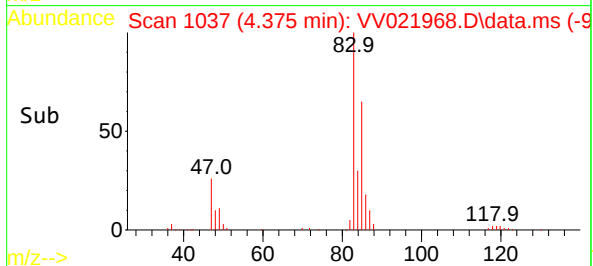
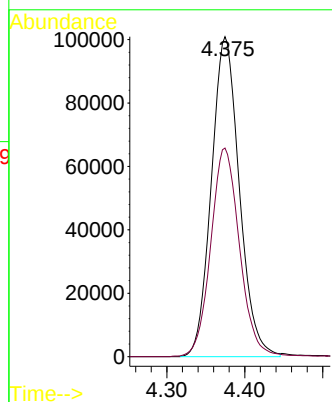
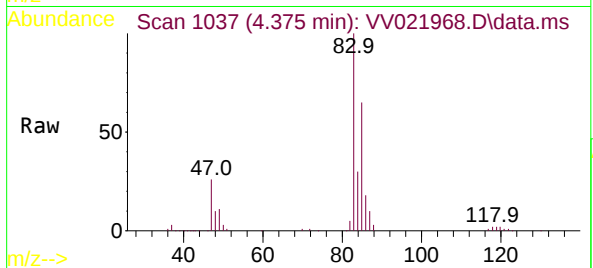
Acq: 27 Aug 2021 11:36

Tgt Ion: 83 Resp: 251593

Ion Ratio Lower Upper

83 100

85 65.2 46.3 85.9



#27

1,2-Dichloroethane

Concen: 50.385 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV021968.D

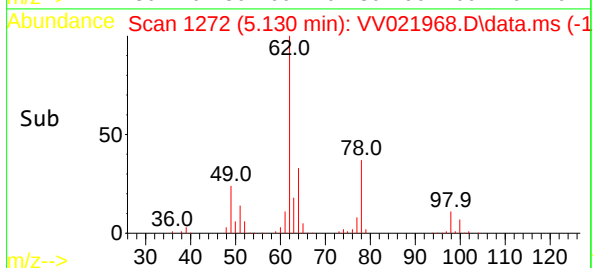
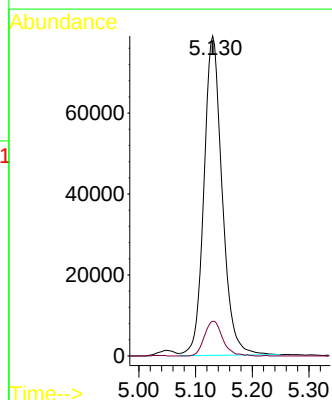
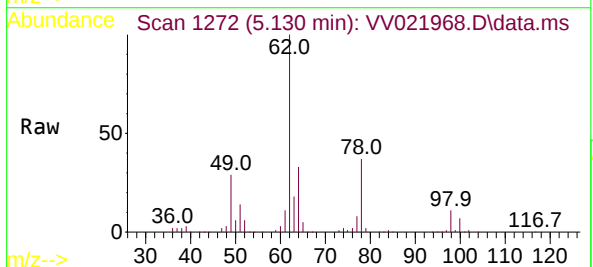
Acq: 27 Aug 2021 11:36

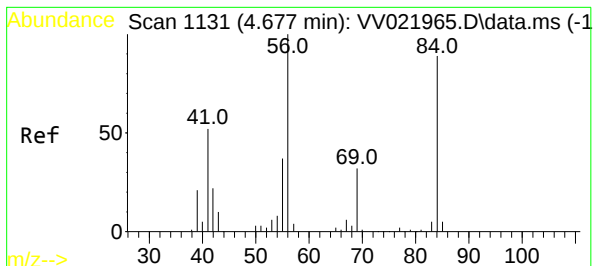
Tgt Ion: 62 Resp: 176673

Ion Ratio Lower Upper

62 100

98 10.9 8.5 12.7





#29

Cyclohexane

Concen: 49.517 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV021968.D

Acq: 27 Aug 2021 11:36

Tgt Ion: 56 Resp: 209191

Ion Ratio Lower Upper

56 100

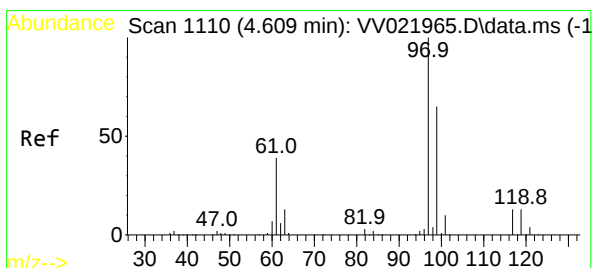
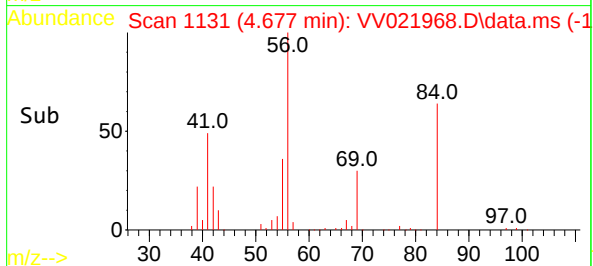
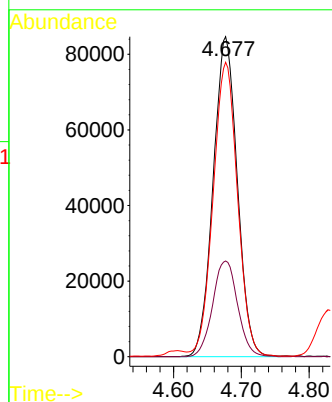
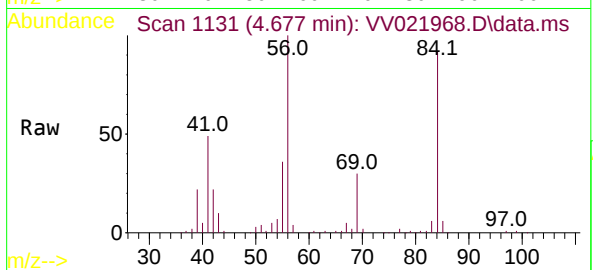
69 31.0 25.2 37.8

84 92.9 74.6 111.8

Instrument :

MSVOA_V

ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 49.809 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV021968.D

Acq: 27 Aug 2021 11:36

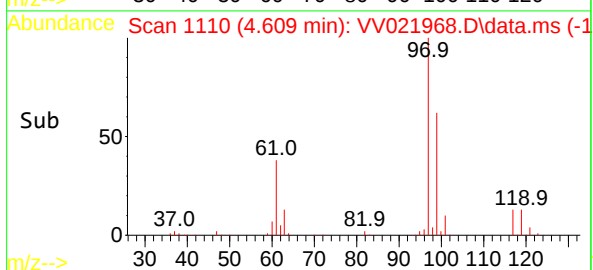
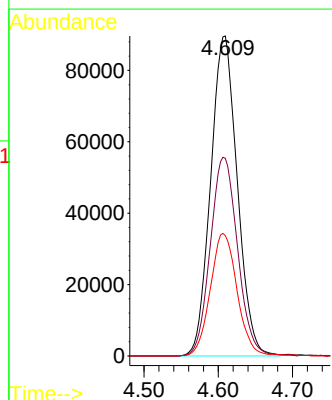
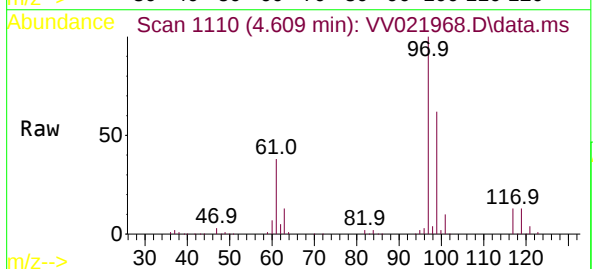
Tgt Ion: 97 Resp: 223722

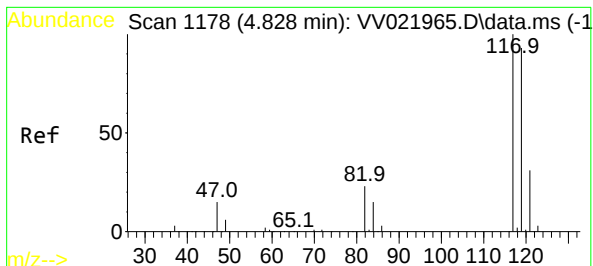
Ion Ratio Lower Upper

97 100

99 63.6 52.0 78.0

61 38.4 31.8 47.8

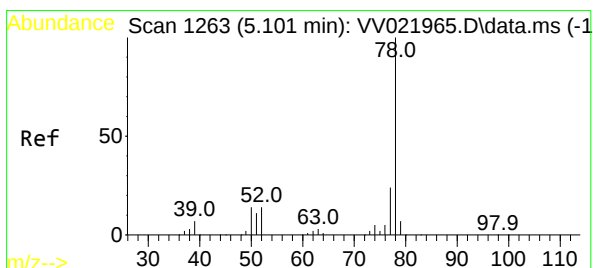
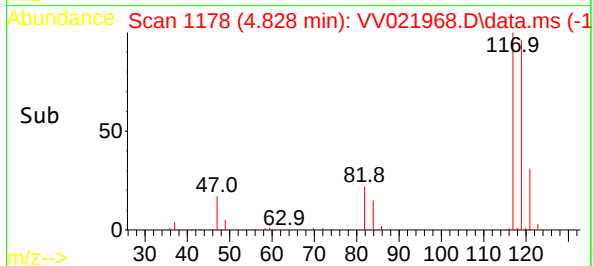
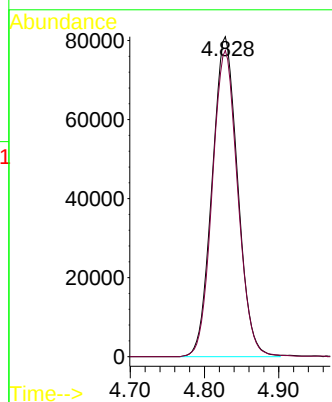
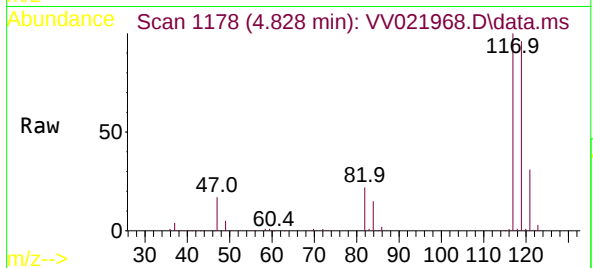




#31
Carbon tetrachloride
Concen: 50.144 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

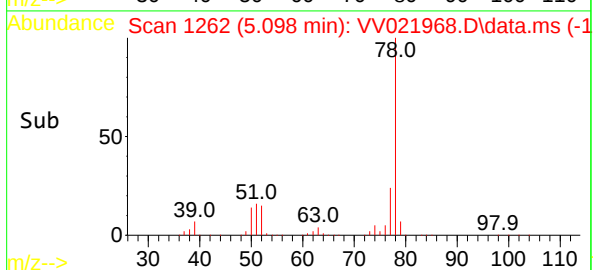
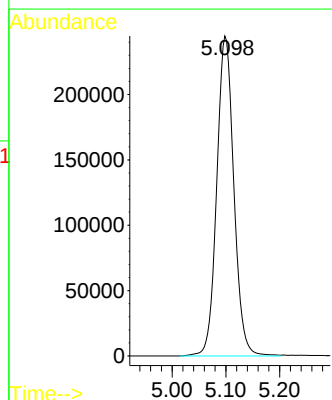
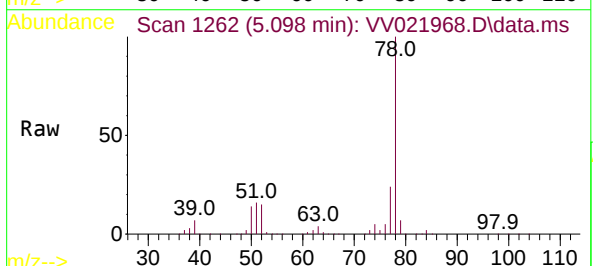
Instrument :
MSVOA_V
ClientSampled :

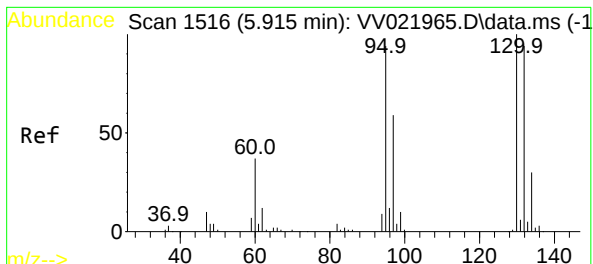
Tgt Ion:117 Resp: 193501
Ion Ratio Lower Upper
117 100
119 95.5 76.6 114.8



#33
Benzene
Concen: 49.205 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Tgt Ion: 78 Resp: 541019



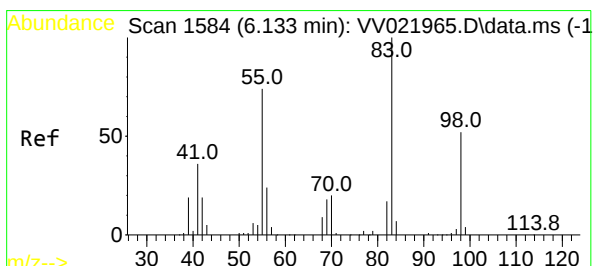
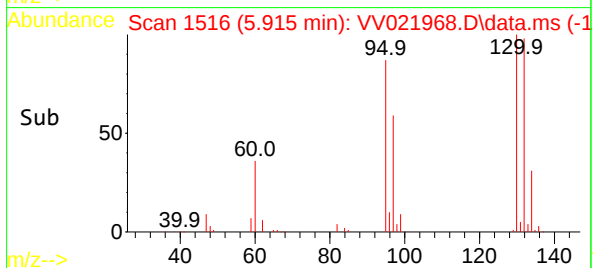
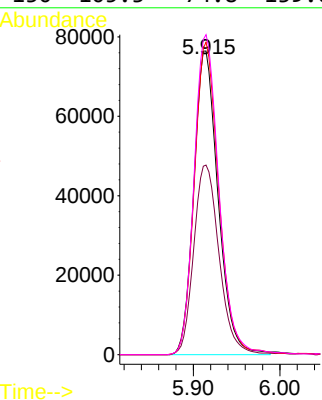
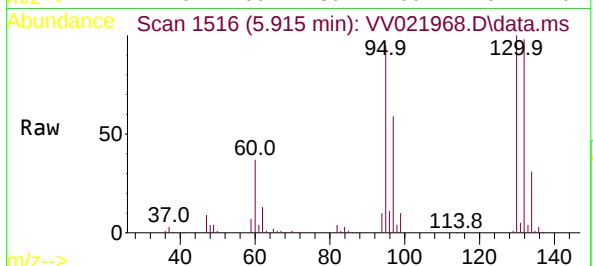


#34
Trichloroethene
Concen: 47.952 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 149347

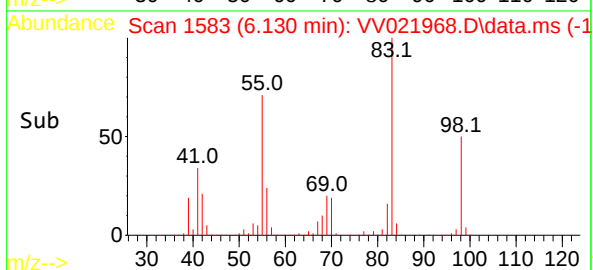
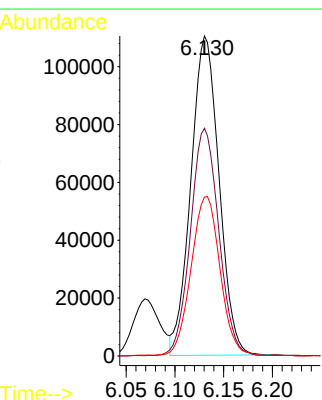
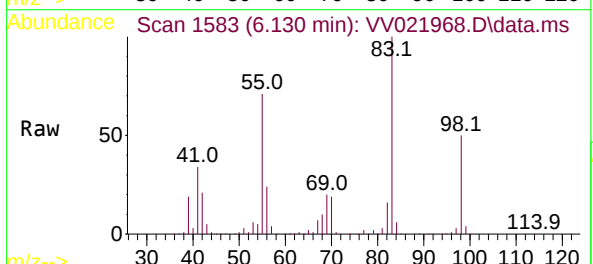
Ion	Ratio	Lower	Upper
95	100		
97	62.4	44.1	81.9
132	102.9	70.7	131.3
130	105.3	74.8	139.0

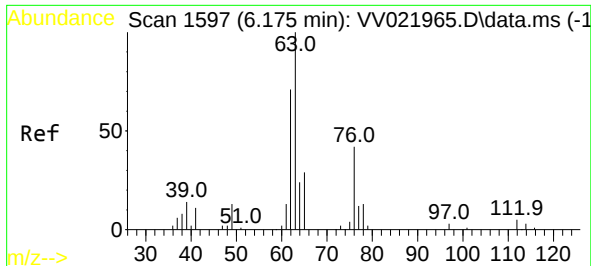


#35
Methylcyclohexane
Concen: 48.789 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Tgt Ion: 83 Resp: 222139

Ion	Ratio	Lower	Upper
83	100		
55	71.7	56.8	85.2
98	51.2	39.9	59.9

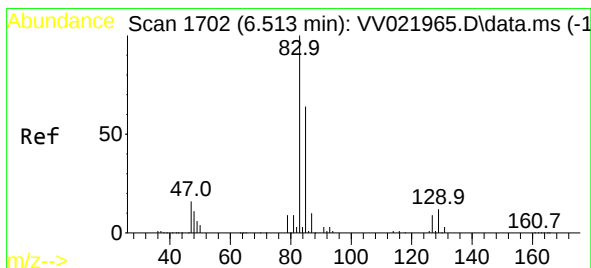
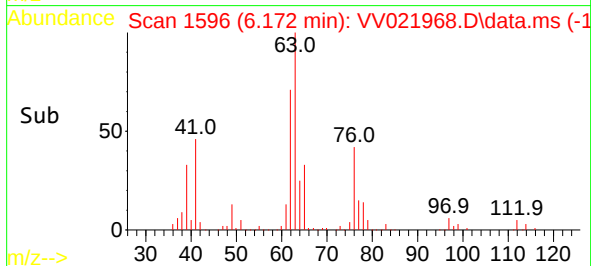
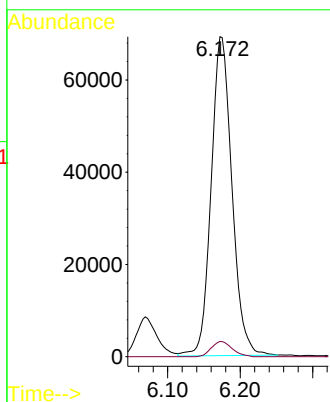
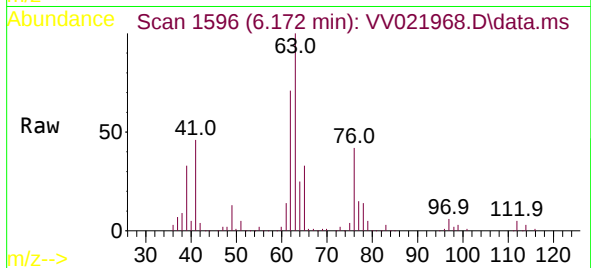




#37
1,2-Dichloropropane
Concen: 48.342 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

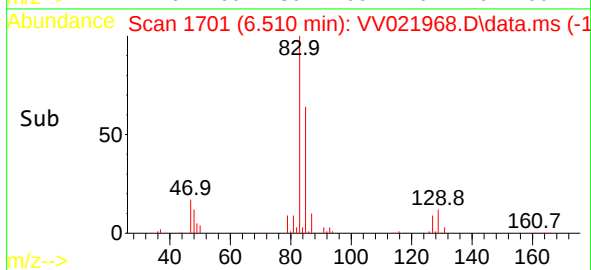
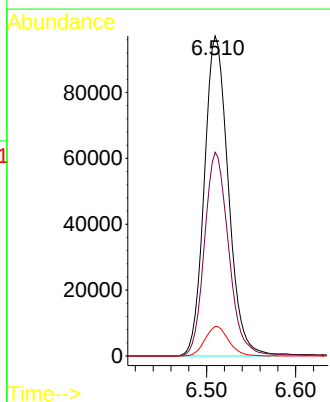
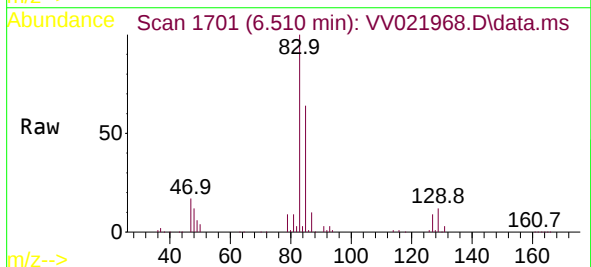
Instrument :
MSVOA_V
ClientSampleId :

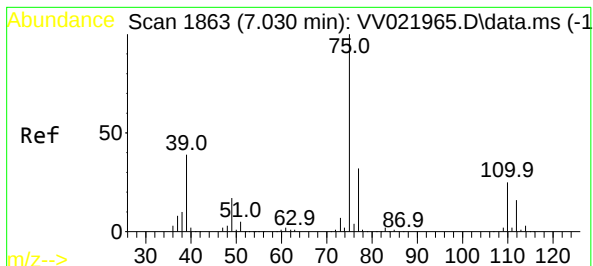
Tgt Ion: 63 Resp: 137782
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6



#38
Bromodichloromethane
Concen: 49.918 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Tgt Ion: 83 Resp: 181945
Ion Ratio Lower Upper
83 100
85 63.6 44.8 83.2
127 9.2 7.3 10.9

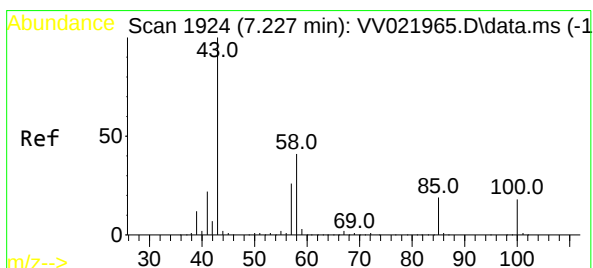
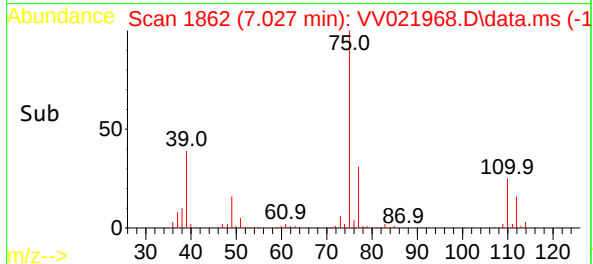
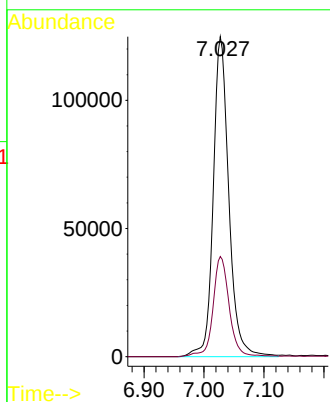
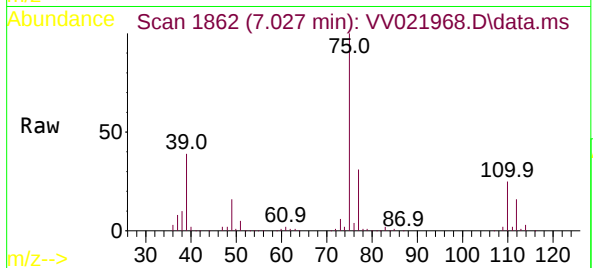




#39
 cis-1,3-Dichloropropene
 Concen: 51.213 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.003 min
 Lab File: VV021968.D
 Acq: 27 Aug 2021 11:36

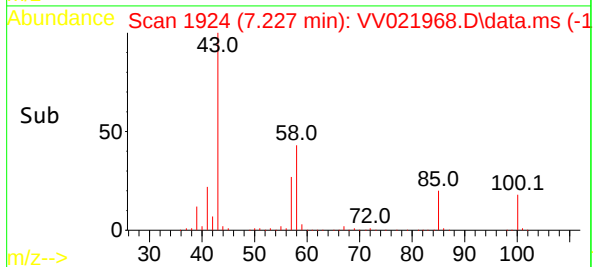
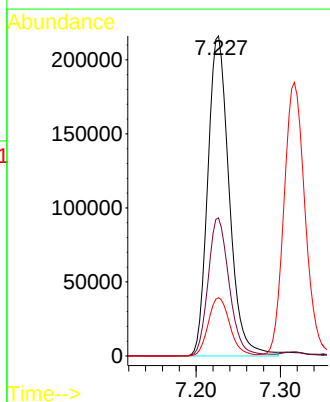
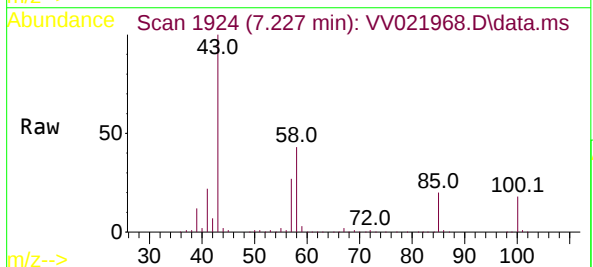
Instrument :
 MSVOA_V
 ClientSampled :

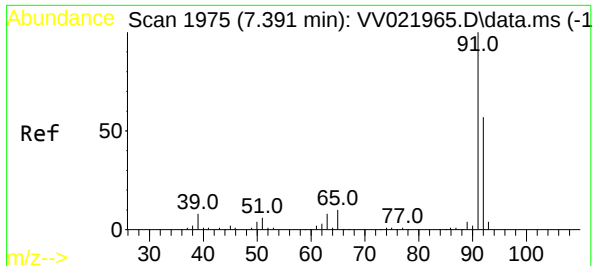
Tgt Ion: 75 Resp: 225359
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 98.786 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VV021968.D
 Acq: 27 Aug 2021 11:36

Tgt Ion: 43 Resp: 381706
 Ion Ratio Lower Upper
 43 100
 58 42.7 33.3 49.9
 100 18.4 14.5 21.7

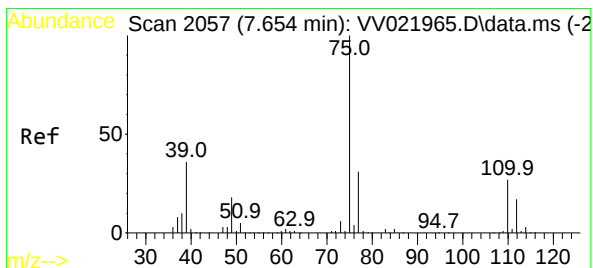
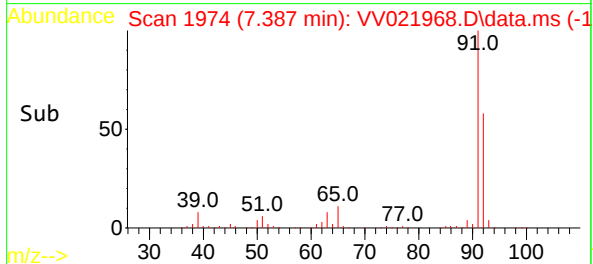
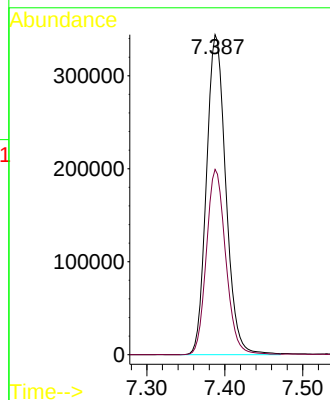
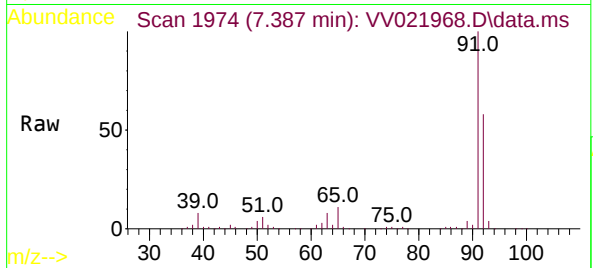




#42
Toluene
Concen: 50.138 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

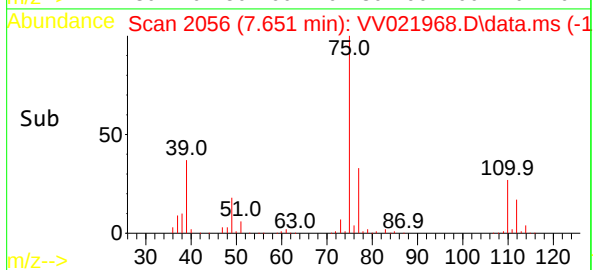
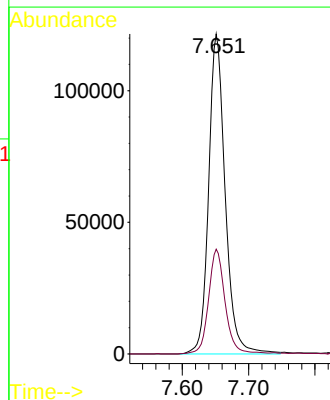
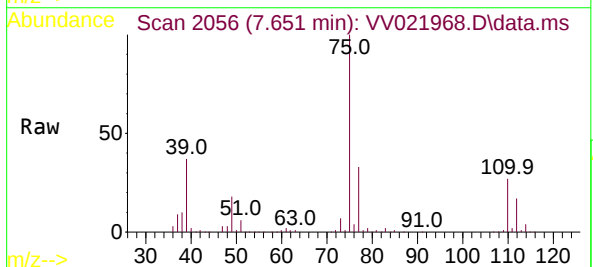
Instrument :
MSVOA_V
ClientSampled :

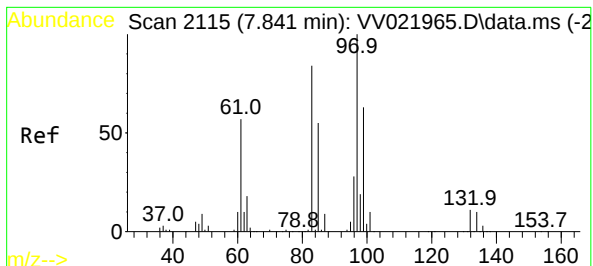
Tgt Ion: 91 Resp: 594987
Ion Ratio Lower Upper
91 100
92 57.9 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 51.457 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Tgt Ion: 75 Resp: 210741
Ion Ratio Lower Upper
75 100
77 32.7 21.8 40.6



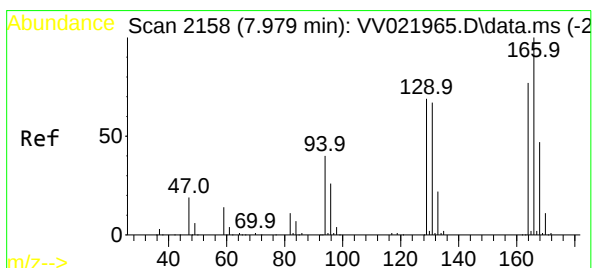
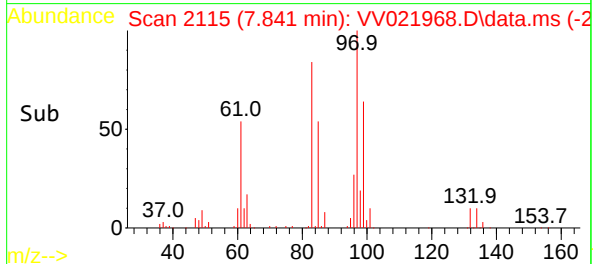
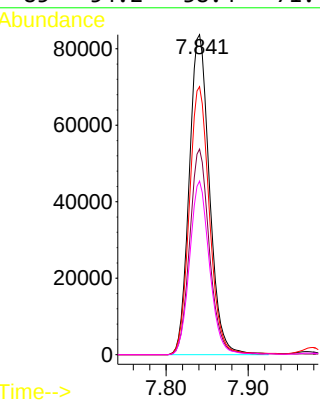
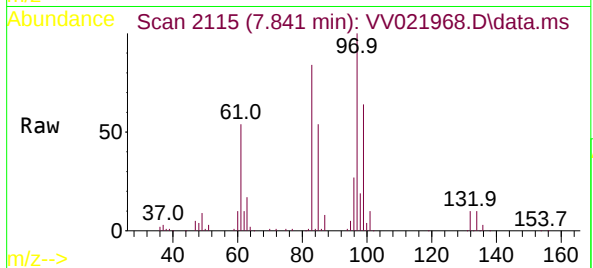


#45
1,1,2-Trichloroethane
Concen: 49.473 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 143473

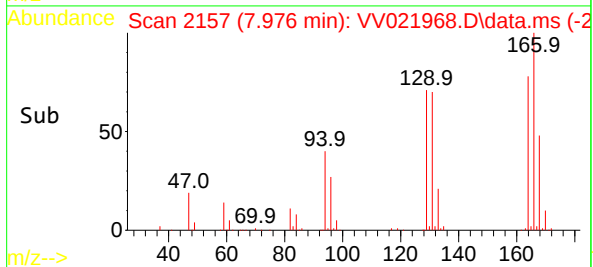
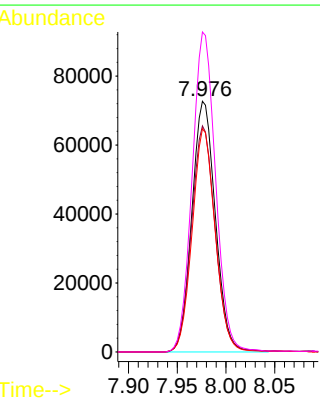
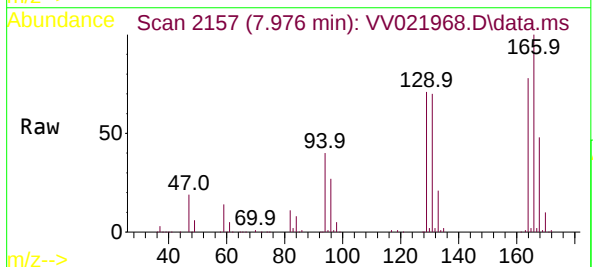
Ion	Ratio	Lower	Upper
97	100		
99	64.3	43.8	81.4
83	83.7	58.8	109.2
85	54.2	38.4	71.4

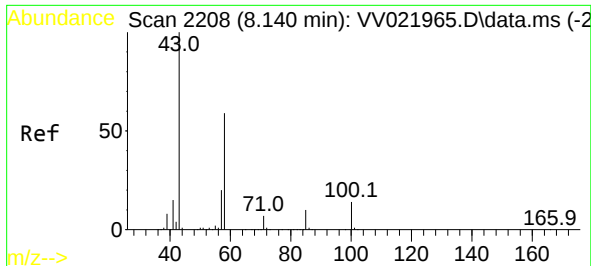


#46
Tetrachloroethene
Concen: 50.385 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Tgt Ion: 164 Resp: 122019

Ion	Ratio	Lower	Upper
164	100		
129	90.2	62.9	116.9
131	89.0	61.0	113.4
166	127.6	90.6	168.3



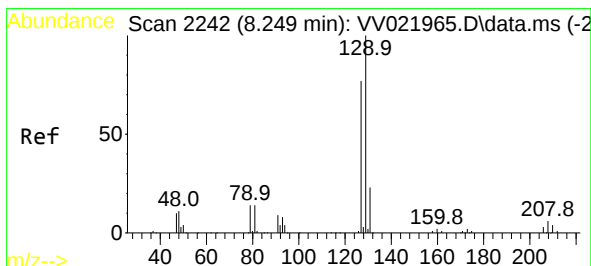
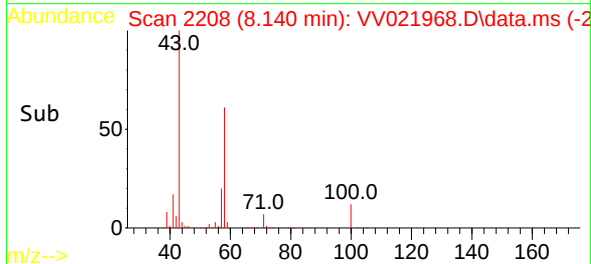
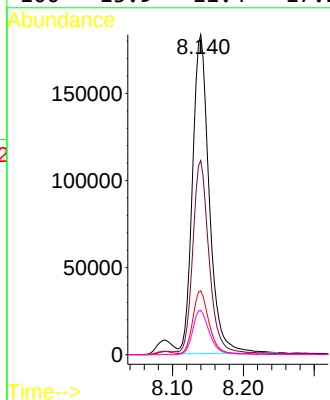
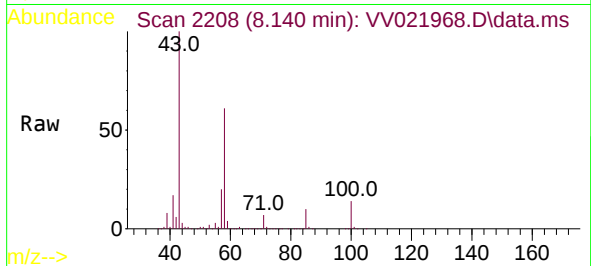


#48
2-Hexanone
Concen: 100.447 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 301144

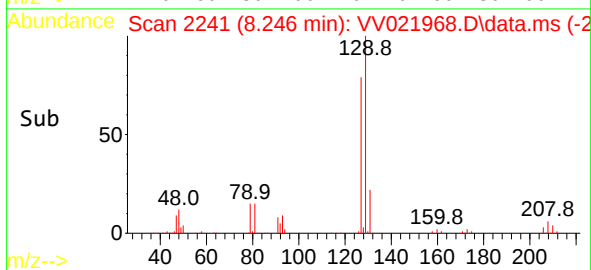
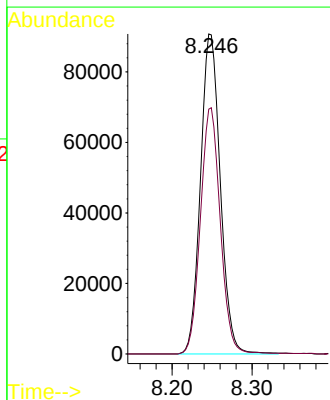
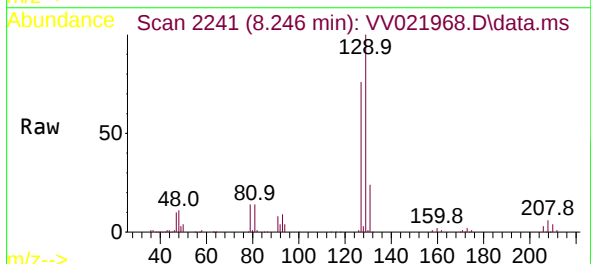
Ion	Ratio	Lower	Upper
43	100		
58	58.6	47.5	71.3
57	19.0	15.9	23.9
100	13.9	11.4	17.2

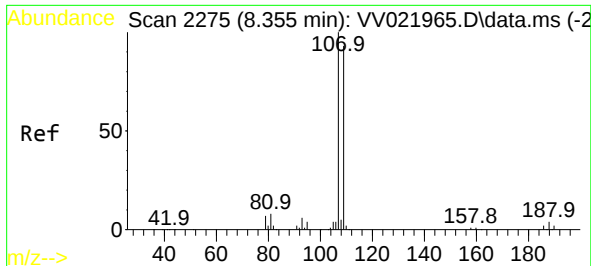


#49
Dibromochloromethane
Concen: 50.481 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Tgt Ion: 129 Resp: 156704

Ion	Ratio	Lower	Upper
129	100		
127	76.5	54.1	100.5





#50

1,2-Dibromoethane

Concen: 49.866 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.003 min

Lab File: VV021968.D

Acq: 27 Aug 2021 11:36

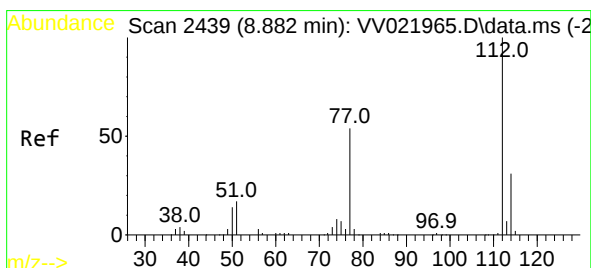
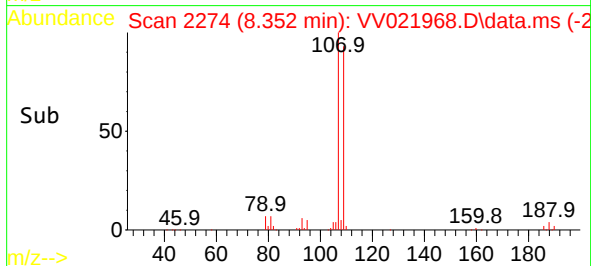
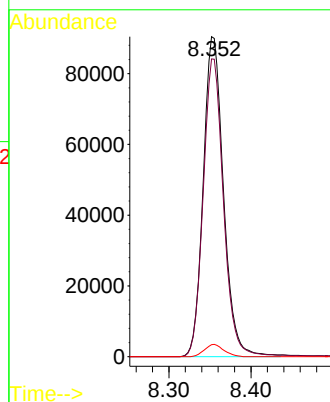
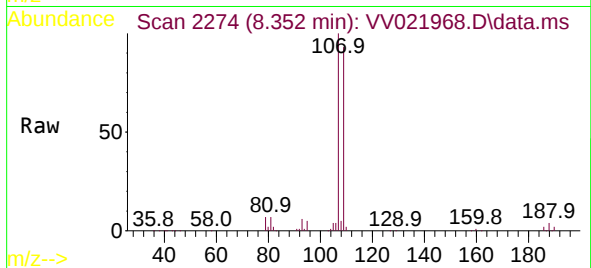
Tgt Ion:107 Resp: 155201

Ion Ratio Lower Upper

107 100

109 93.1 65.5 121.6

188 3.8 3.2 4.8



#51

Chlorobenzene

Concen: 49.276 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV021968.D

Acq: 27 Aug 2021 11:36

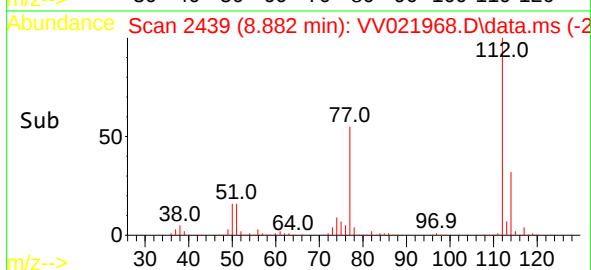
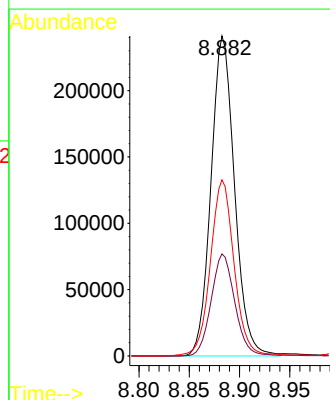
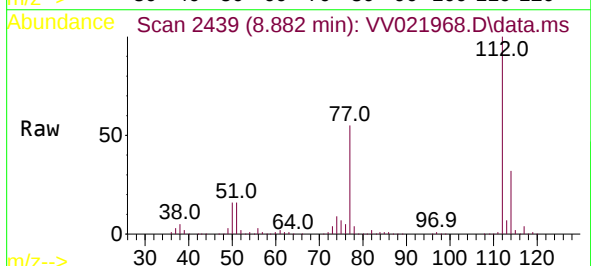
Tgt Ion:112 Resp: 393155

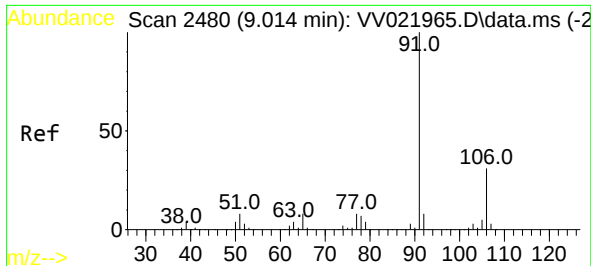
Ion Ratio Lower Upper

112 100

114 31.9 22.0 41.0

77 55.0 43.2 64.8

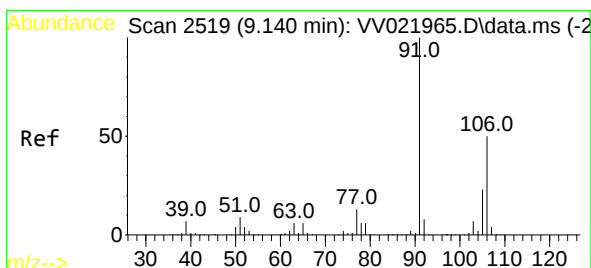
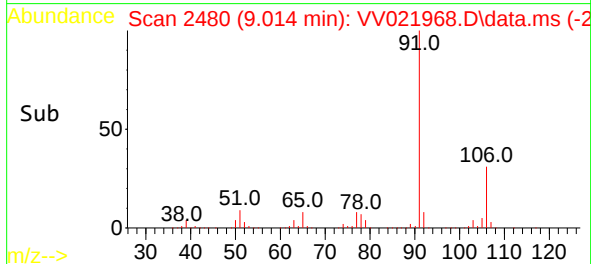
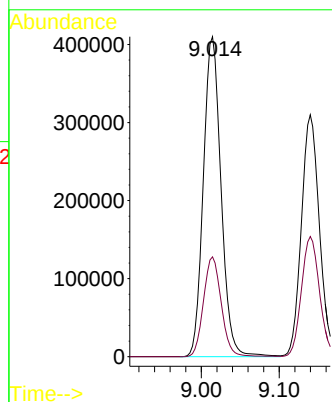
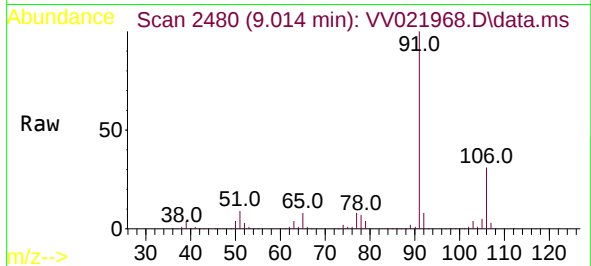




#52
Ethylbenzene
Concen: 50.360 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

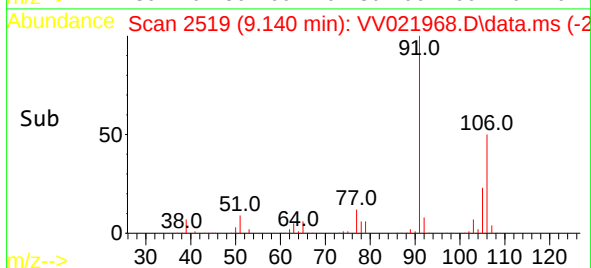
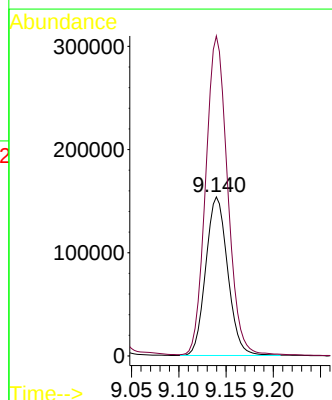
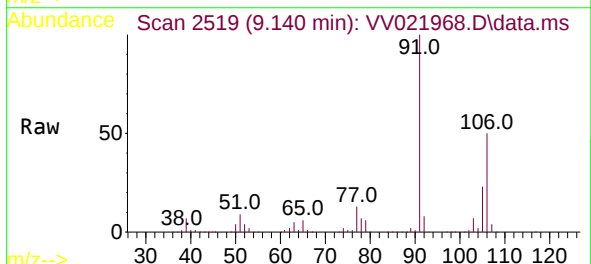
Instrument :
MSVOA_V
ClientSampled :

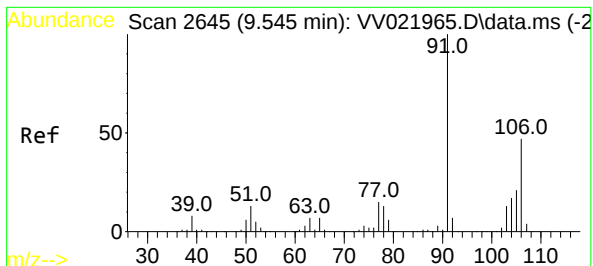
Tgt Ion: 91 Resp: 646932
Ion Ratio Lower Upper
91 100
106 31.2 21.7 40.3



#53
m,p-Xylene
Concen: 49.774 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Tgt Ion: 106 Resp: 248526
Ion Ratio Lower Upper
106 100
91 201.2 139.1 258.3

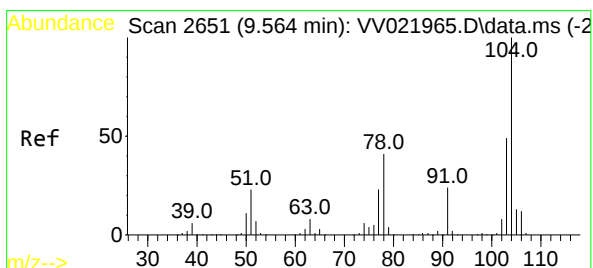
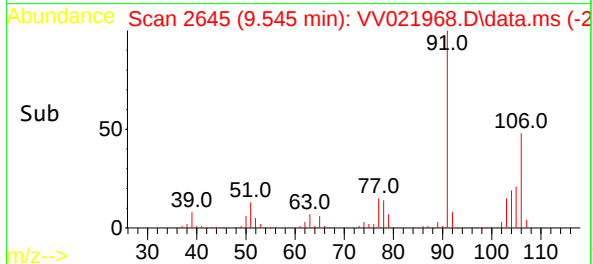
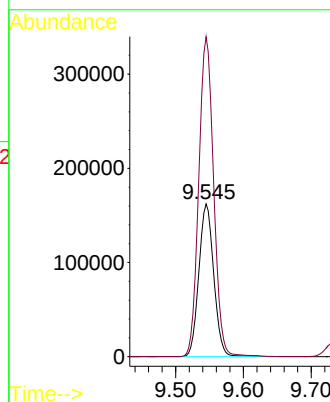
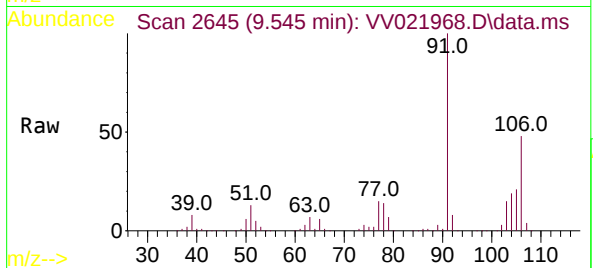




#54
o-Xylene
Concen: 50.072 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

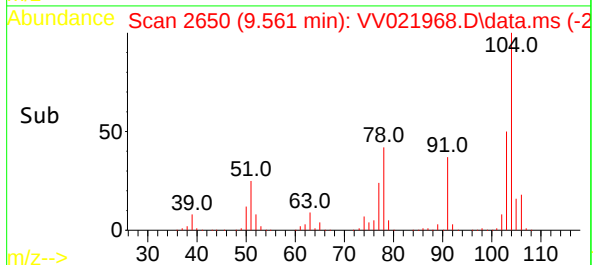
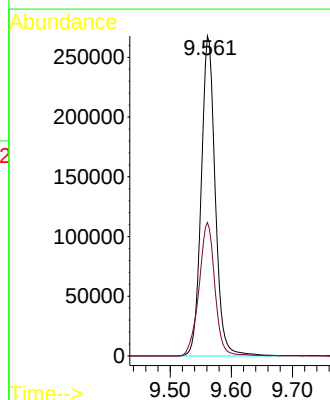
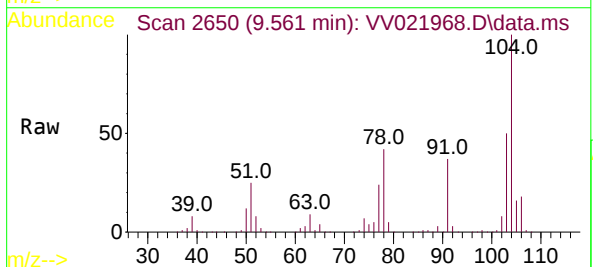
Instrument :
MSVOA_V
ClientSampleId :

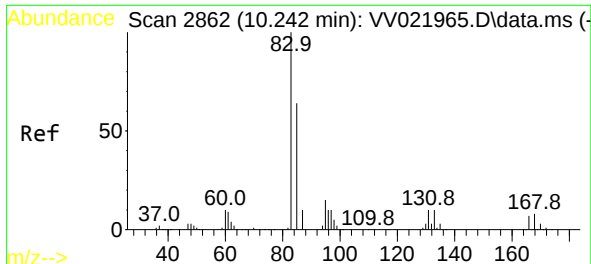
Tgt Ion:106 Resp: 247379
Ion Ratio Lower Upper
106 100
91 209.3 150.1 278.9



#55
Styrene
Concen: 50.671 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.003 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Tgt Ion:104 Resp: 427219
Ion Ratio Lower Upper
104 100
78 41.7 28.6 53.2



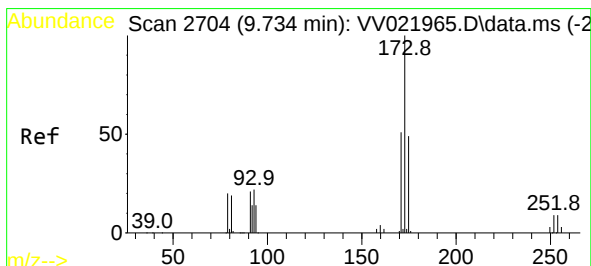
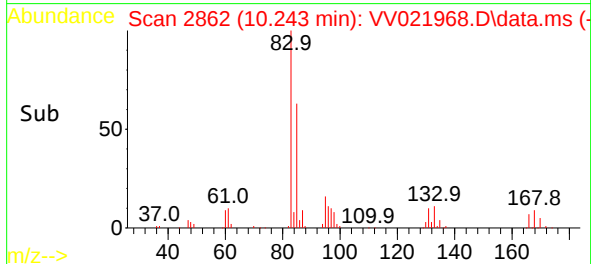
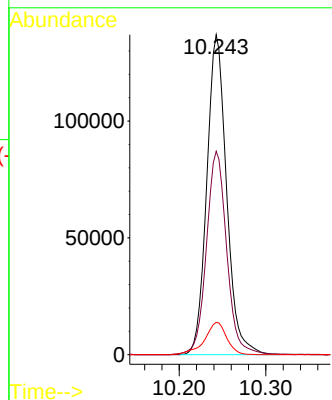
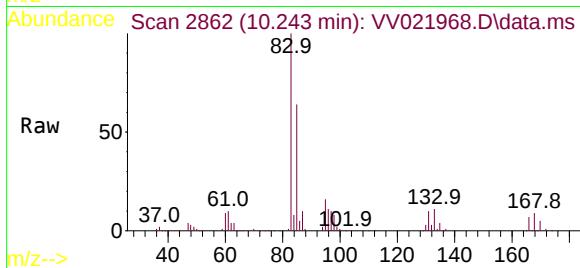


#57
1,1,2,2-Tetrachloroethane
Concen: 51.784 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 217585

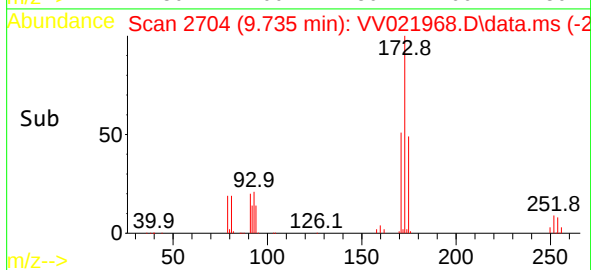
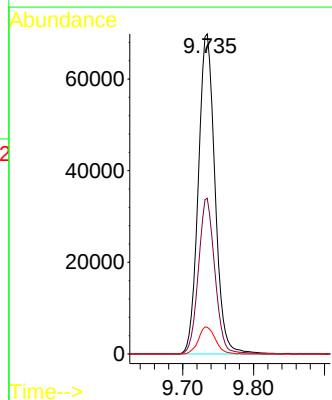
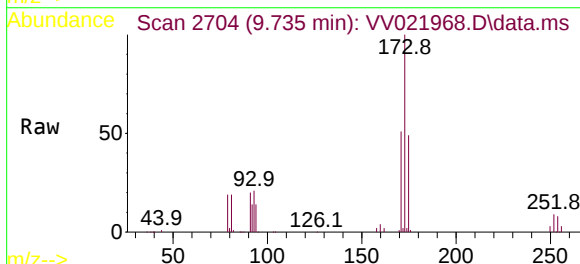
Ion	Ratio	Lower	Upper
83	100		
85	63.6	44.7	83.1
131	10.1	8.2	12.2

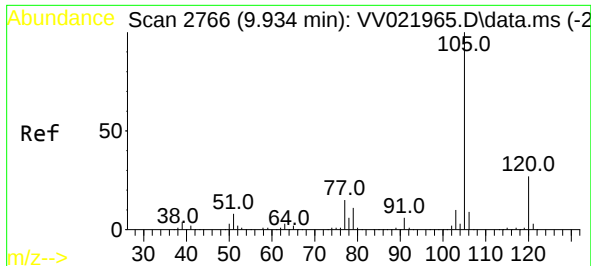


#59
Bromoform
Concen: 51.060 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Tgt Ion: 173 Resp: 114062

Ion	Ratio	Lower	Upper
173	100		
175	48.0	38.8	58.2
254	8.6	7.0	10.4

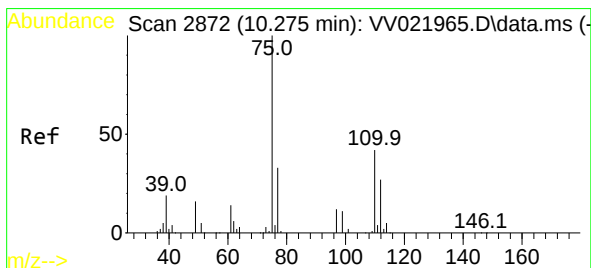
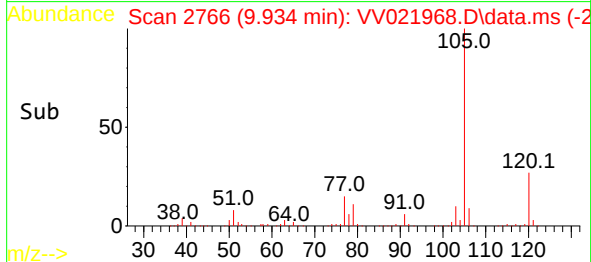
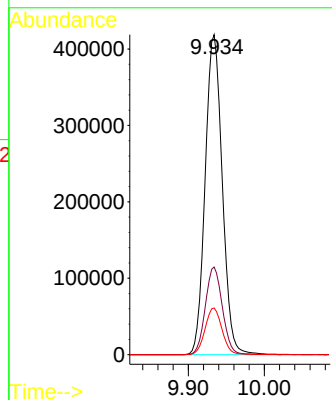
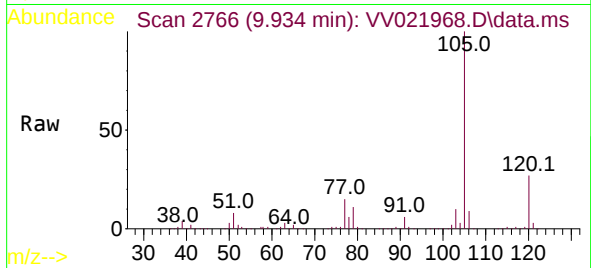




#60
Isopropylbenzene
Concen: 49.514 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

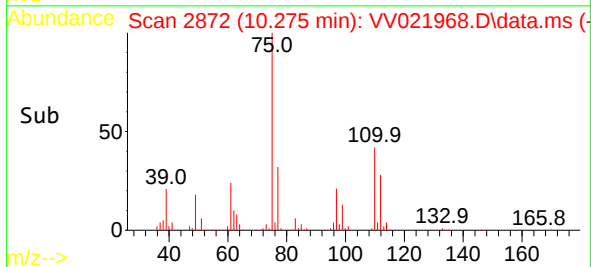
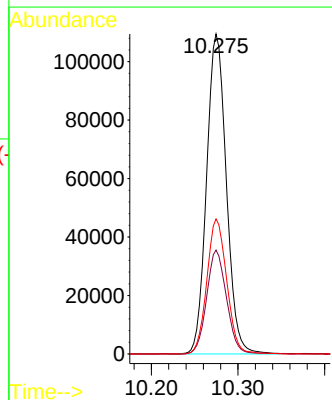
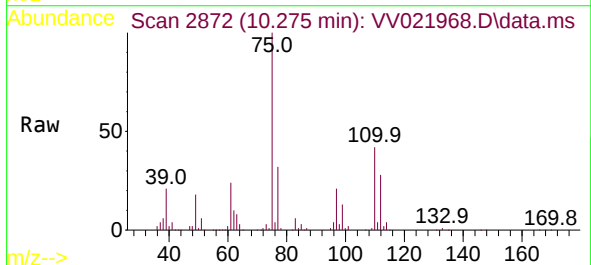
Instrument :
MSVOA_V
ClientSampled :

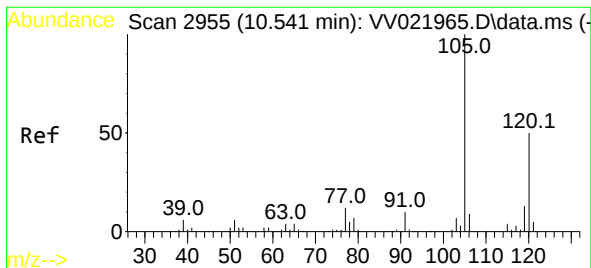
Tgt Ion:105 Resp: 654380
Ion Ratio Lower Upper
105 100
120 27.3 21.5 32.3
77 14.5 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 47.676 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

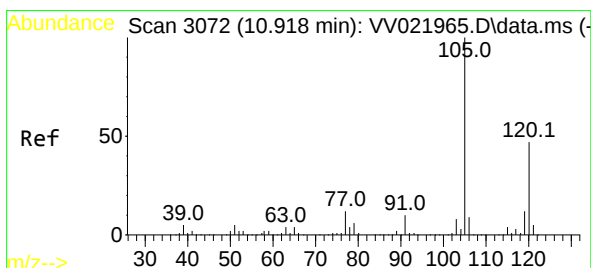
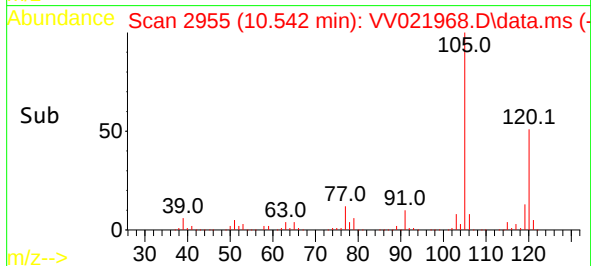
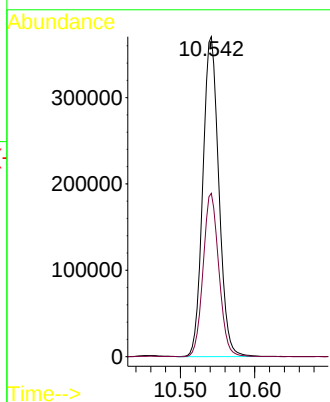
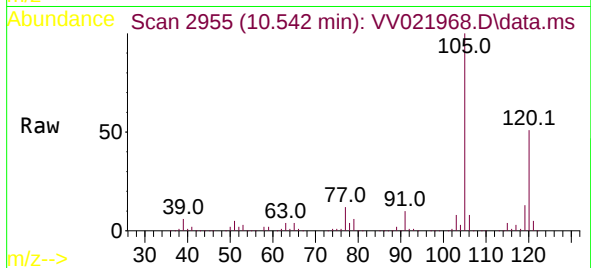
Tgt Ion: 75 Resp: 173791
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2
110 42.4 33.8 50.6





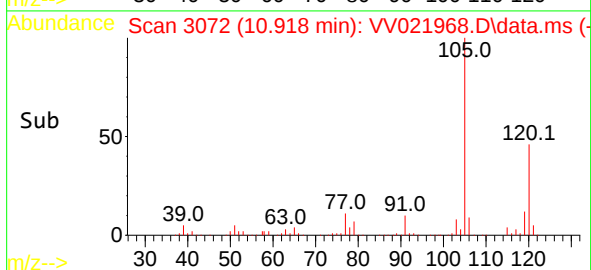
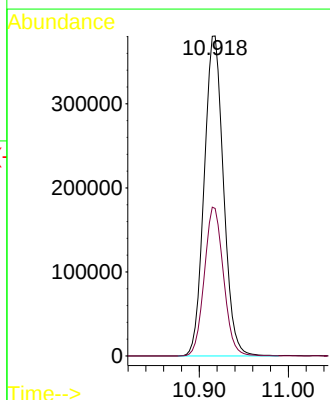
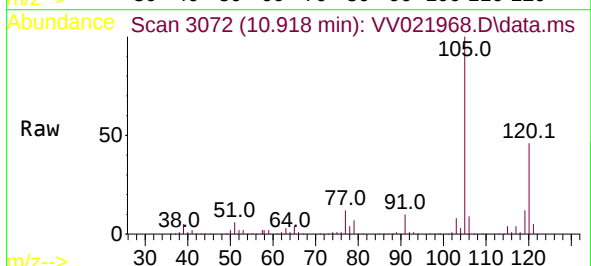
#62
1,3,5-Trimethylbenzene
Concen: 49.873 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

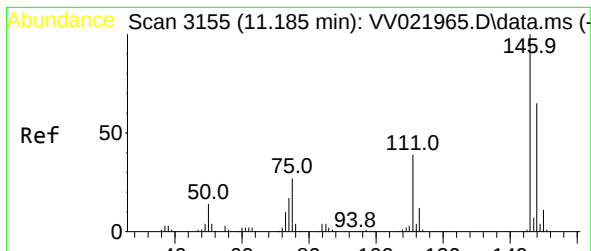
Tgt Ion:105 Resp: 553359
Ion Ratio Lower Upper
105 100
120 50.3 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 50.768 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Tgt Ion:105 Resp: 572538
Ion Ratio Lower Upper
105 100
120 46.1 37.4 56.0

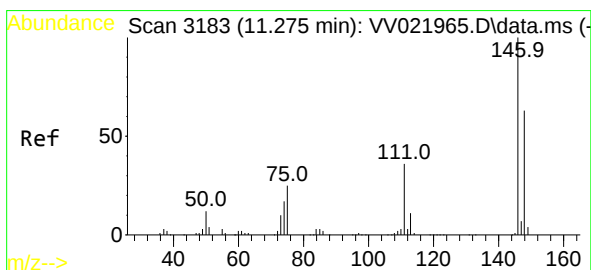
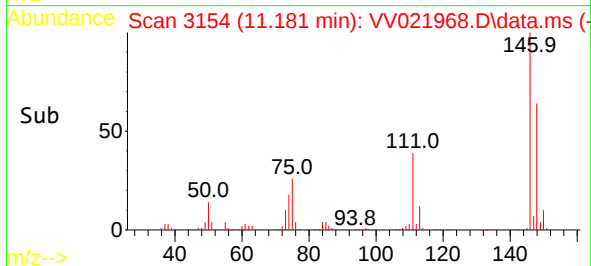
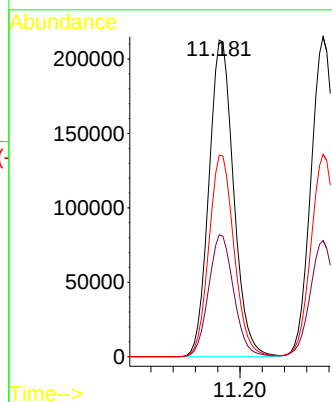
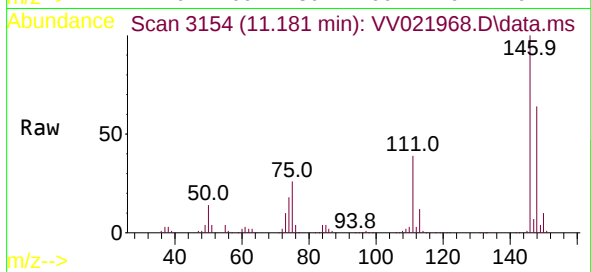




#64
1,3-Dichlorobenzene
Concen: 48.927 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.003 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

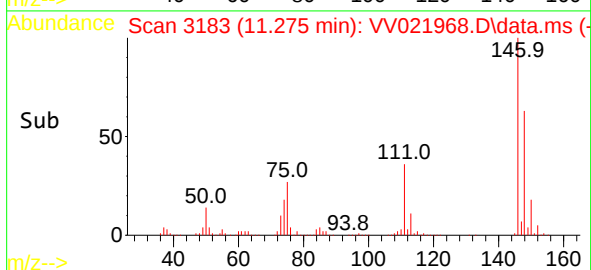
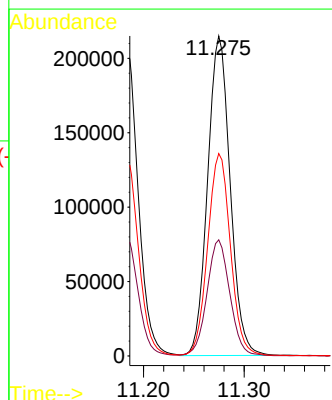
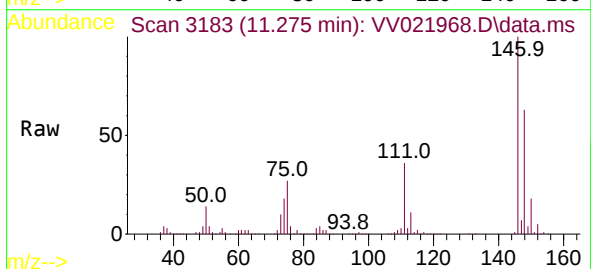
Instrument :
MSVOA_V
ClientSampleId :

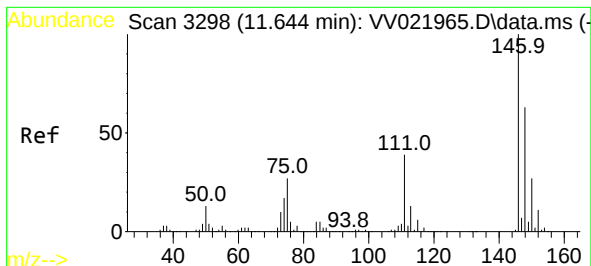
Tgt Ion:146 Resp: 328311
Ion Ratio Lower Upper
146 100
111 38.5 26.9 50.1
148 63.7 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 48.622 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Tgt Ion:146 Resp: 333855
Ion Ratio Lower Upper
146 100
111 36.3 25.3 46.9
148 63.3 44.4 82.5

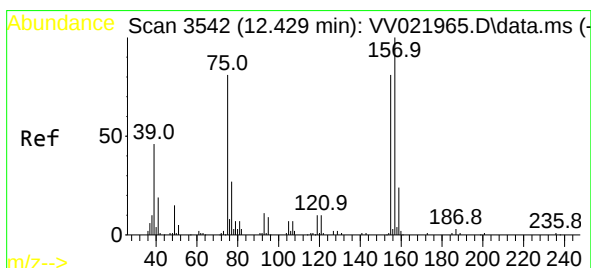
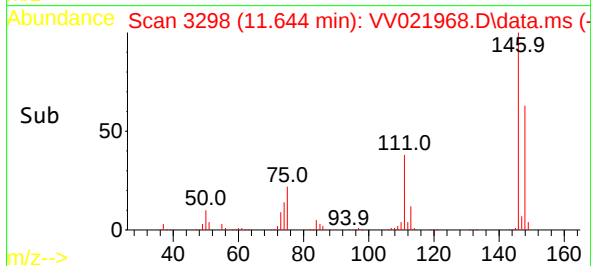
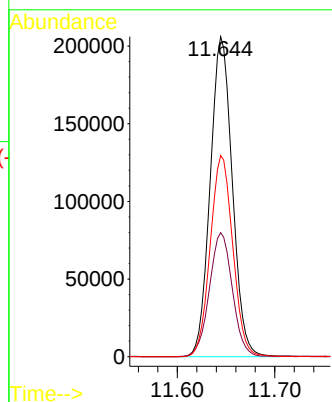
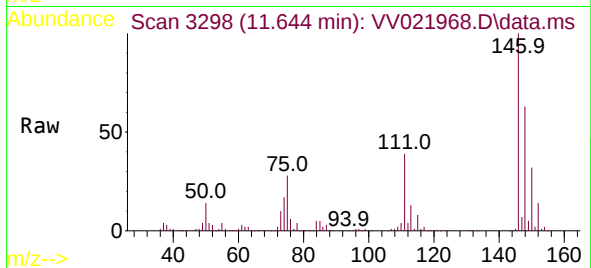




#67
1,2-Dichlorobenzene
Concen: 48.778 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

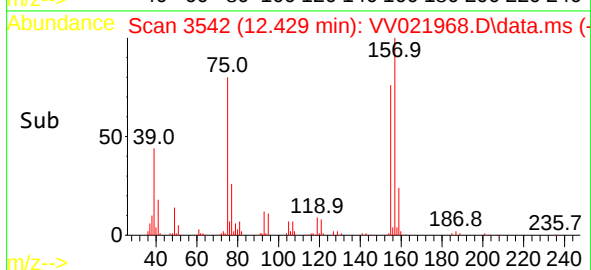
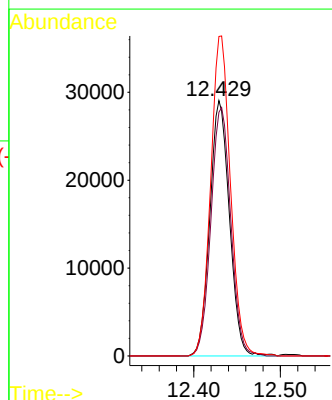
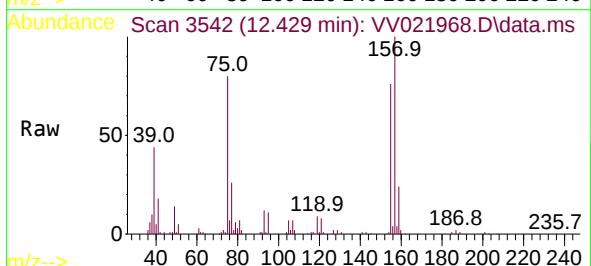
Instrument :
MSVOA_V
ClientSampled :

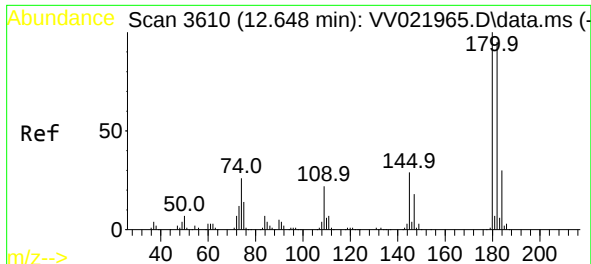
Tgt Ion:146 Resp: 324993
Ion Ratio Lower Upper
146 100
111 38.8 31.6 47.4
148 62.9 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 52.073 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Tgt Ion: 75 Resp: 45748
Ion Ratio Lower Upper
75 100
155 95.4 79.8 119.6
157 125.1 98.3 147.5

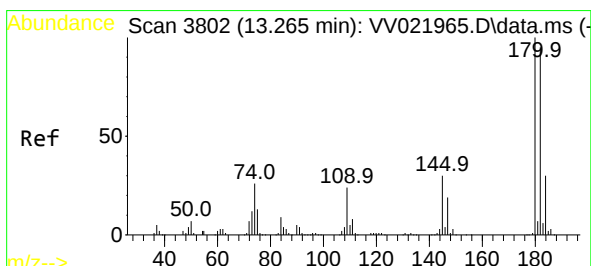
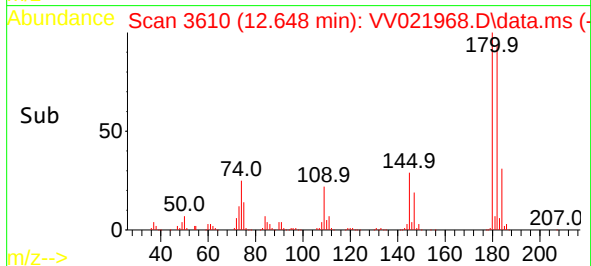
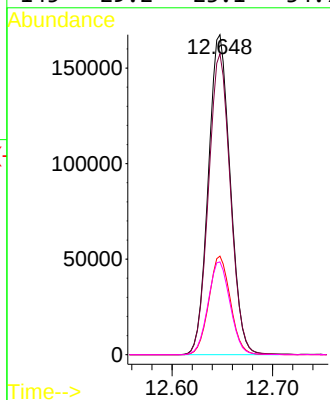
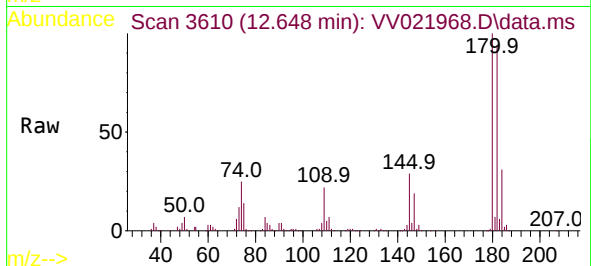




#69
1,3,5-Trichlorobenzene
Concen: 50.501 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

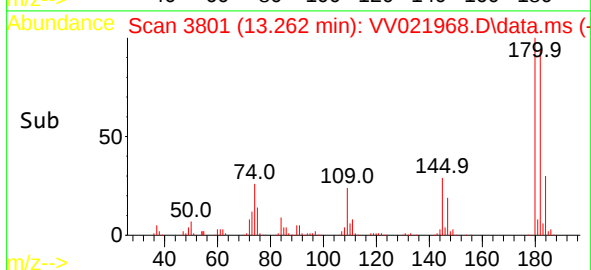
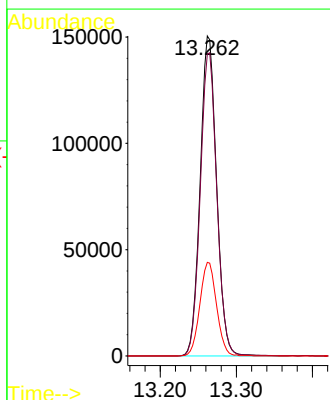
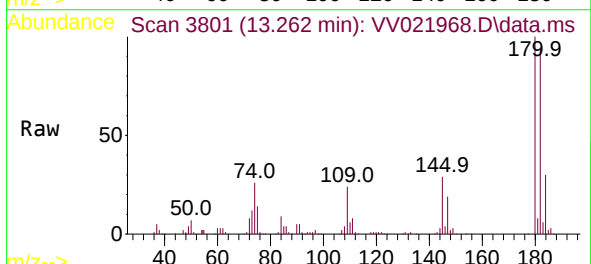
Instrument :
MSVOA_V
ClientSampleId :

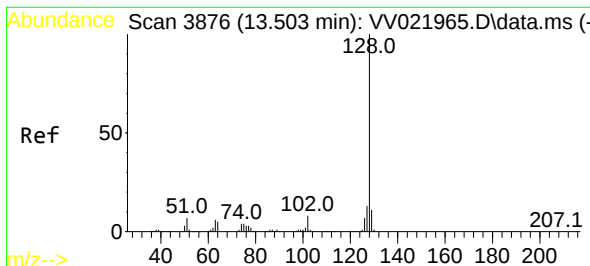
Tgt Ion:	180	Resp:	253387
Ion Ratio	Lower	Upper	
180	100		
182	94.2	76.4	114.6
184	30.3	24.0	36.0
145	29.2	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 51.251 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.003 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Tgt Ion:	180	Resp:	226213
Ion Ratio	Lower	Upper	
180	100		
182	95.3	75.9	113.9
145	29.6	23.8	35.6

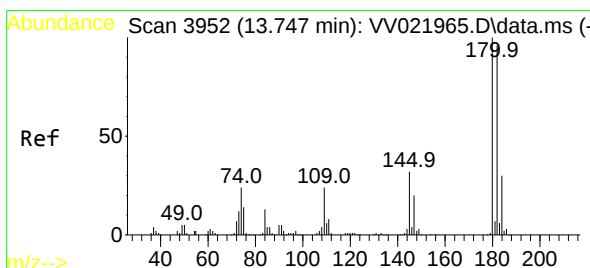
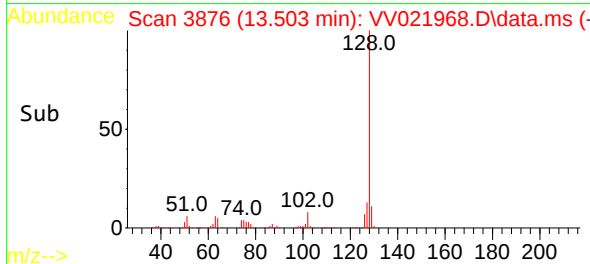
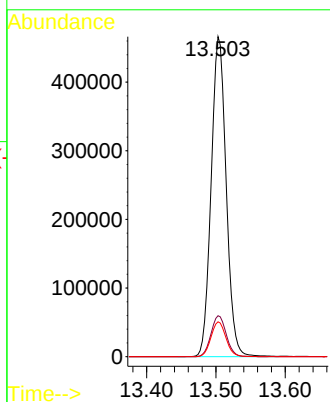
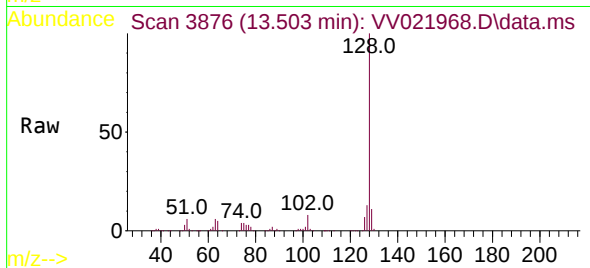




#71
Naphthalene
Concen: 55.259 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 701609
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 52.179 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.000 min
Lab File: VV021968.D
Acq: 27 Aug 2021 11:36

Tgt Ion:180 Resp: 224635
Ion Ratio Lower Upper
180 100
182 95.2 76.3 114.5
145 31.5 25.4 38.0

