

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
 Data File : VV021832.D
 Acq On : 17 Aug 2021 22:35
 Operator : SY/MD
 Sample : M3399-15MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 03:36:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 03:33:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	429990	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	404794	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	209825	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	121111	36.029	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.060%
7) Chloroethane-d5	1.558	69	100977	39.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.620%
11) 1,1-Dichloroethene-d2	2.108	63	208324	38.933	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.860%
21) 2-Butanone-d5	3.873	46	230217	110.117	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.120%
24) Chloroform-d	4.349	84	269731	46.314	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.620%
26) 1,2-Dichloroethane-d4	5.034	65	156805	46.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.620%
32) Benzene-d6	5.050	84	509593	43.778	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.560%
36) 1,2-Dichloropropane-d6	6.072	67	166932	46.051	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.100%
41) Toluene-d8	7.316	98	450090	41.833	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.660%
43) trans-1,3-Dichloroprop...	7.622	79	77463	43.421	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.840%
47) 2-Hexanone-d5	8.088	63	138687	116.732	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.730%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	243471	54.200	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	202097	46.540	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	155691	46.802	ug/L	99
3) Chloromethane	1.240	50	169893	49.177	ug/L	99
5) Vinyl chloride	1.310	62	165862	48.756	ug/L	98
6) Bromomethane	1.506	94	103652	50.693	ug/L	98
8) Chloroethane	1.577	64	101323	49.843	ug/L	100
9) Trichlorofluoromethane	1.748	101	224068	48.073	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	122259	45.814	ug/L	99
12) 1,1-Dichloroethene	2.114	96	122772	48.301	ug/L	95
13) Acetone	2.159	43	122820	71.397	ug/L #	100
14) Carbon disulfide	2.291	76	415642	48.600	ug/L	99
15) Methyl Acetate	2.426	43	157868	49.954	ug/L	98
16) Methylene chloride	2.503	84	167550	47.390	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	152126	51.004	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	489344	53.347	ug/L	99
19) 1,1-Dichloroethane	3.188	63	275156	51.825	ug/L	99
20) cis-1,2-Dichloroethene	3.911	96	170884	49.477	ug/L	98
22) 2-Butanone	3.960	43	229142	91.465	ug/L	100
23) Bromochloromethane	4.249	128	91123	49.728	ug/L	97
25) Chloroform	4.374	83	282156	49.390	ug/L	99

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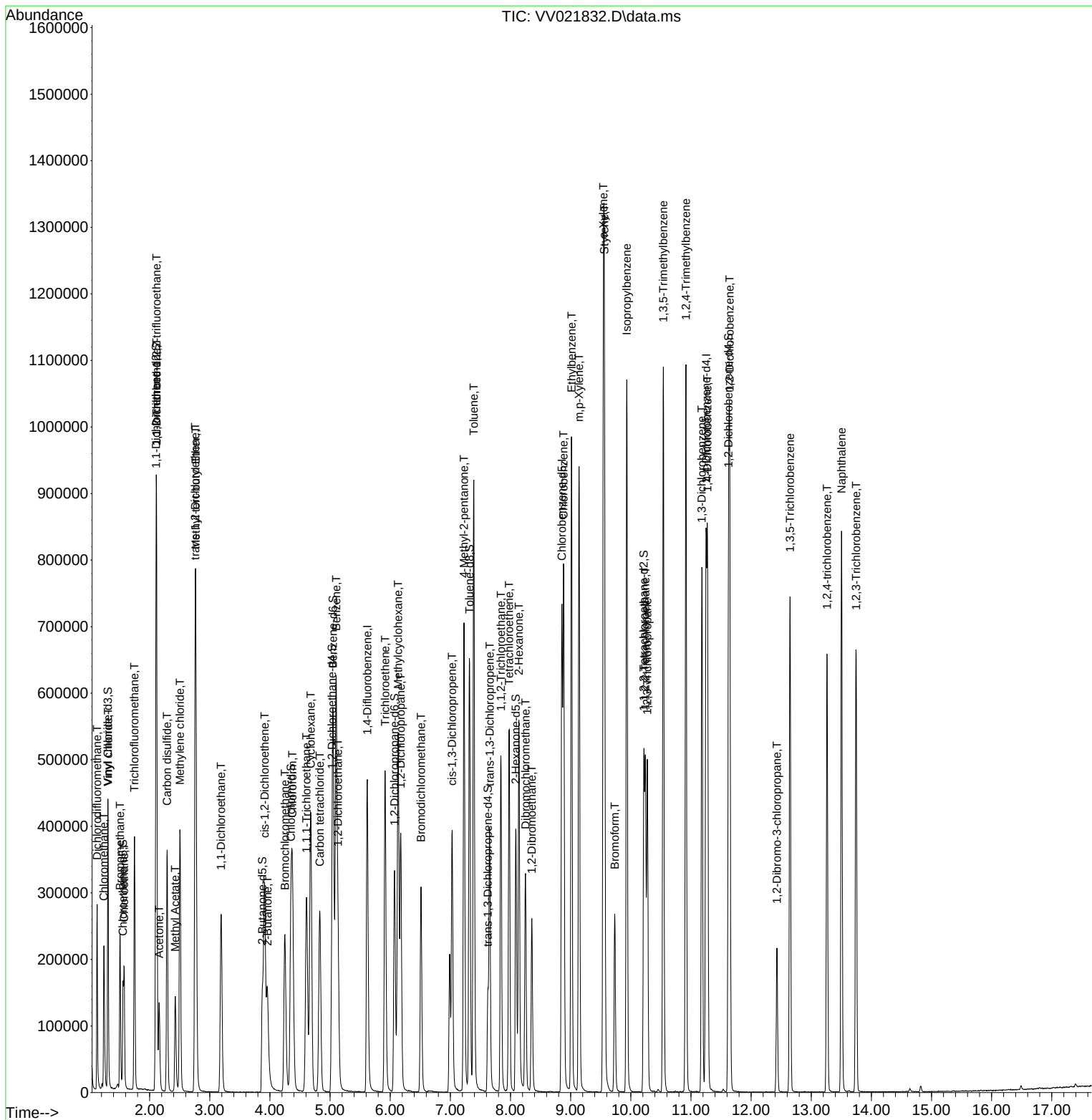
Quant Time: Aug 18 03:36:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 03:33:12 2021
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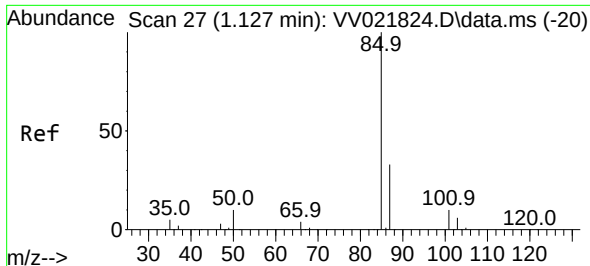
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

27) 1,2-Dichloroethane	5.130	62	201098	49.961	ug/L	98
29) Cyclohexane	4.680	56	245385	49.221	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	245923	48.551	ug/L	99
31) Carbon tetrachloride	4.828	117	211311	48.213	ug/L	99
33) Benzene	5.101	78	623409	50.046	ug/L	100
34) Trichloroethene	5.915	95	167620	46.826	ug/L	99
35) Methylcyclohexane	6.133	83	244328	46.784	ug/L	99
37) 1,2-Dichloropropane	6.175	63	156967	49.765	ug/L	99
38) Bromodichloromethane	6.513	83	206453	49.661	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	245562	49.166	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	457630	105.474	ug/L	100
42) Toluene	7.390	91	680791	51.171	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	229128	48.680	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	160248	50.716	ug/L	99
46) Tetrachloroethene	7.979	164	127793	48.037	ug/L	98
48) 2-Hexanone	8.140	43	340704	101.374	ug/L	99
49) Dibromochloromethane	8.249	129	171191	49.071	ug/L	98
50) 1,2-Dibromoethane	8.355	107	172453	50.153	ug/L	99
51) Chlorobenzene	8.882	112	425200	48.950	ug/L	99
52) Ethylbenzene	9.014	91	702873	49.520	ug/L	99
53) m,p-Xylene	9.140	106	272163	49.476	ug/L	99
54) o-Xylene	9.545	106	272796	50.030	ug/L	100
55) Styrene	9.561	104	462753	50.680	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	239225	54.385	ug/L	96
59) Bromoform	9.734	173	123416	49.479	ug/L	100
60) Isopropylbenzene	9.934	105	707987	50.329	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	197776	51.005	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	590663	50.035	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	603633	50.291	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	333472	48.951	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	330949	48.669	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	342536	49.844	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	49516	52.522	ug/L	95
69) 1,3,5-Trichlorobenzene	12.647	180	231588	46.898	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	201732	48.710	ug/L	100
71) Naphthalene	13.506	128	670536	55.738	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	207833	49.954	ug/L	100

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

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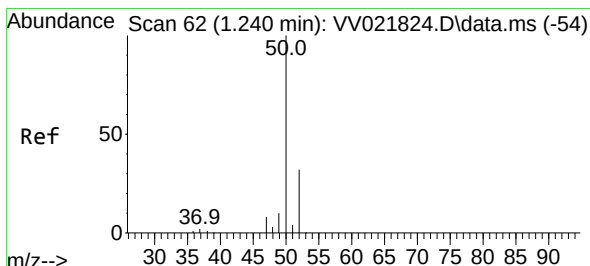
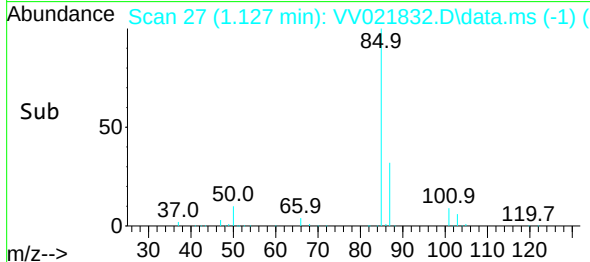
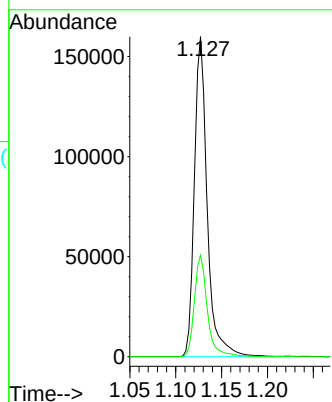
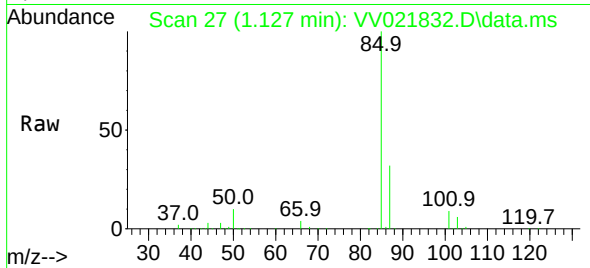




#2
 Dichlorodifluoromethane
 Concen: 46.802 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021832.D
 Acq: 17 Aug 2021 22:35

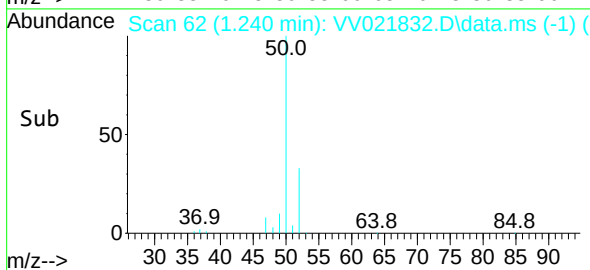
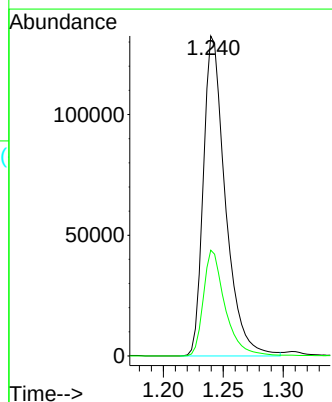
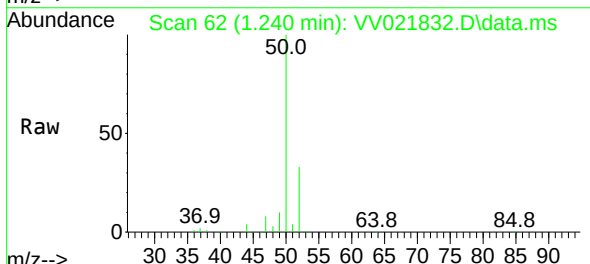
Instrument :
 MSVOA_V
 ClientSampled :

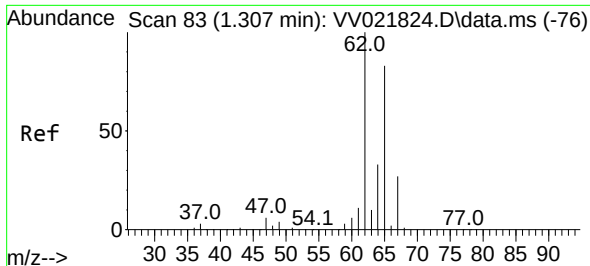
Tgt Ion: 85 Resp: 155691
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.1 39.1



#3
 Chloromethane
 Concen: 49.177 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021832.D
 Acq: 17 Aug 2021 22:35

Tgt Ion: 50 Resp: 169893
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.7 42.1

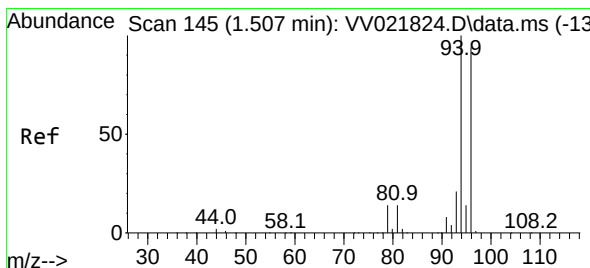
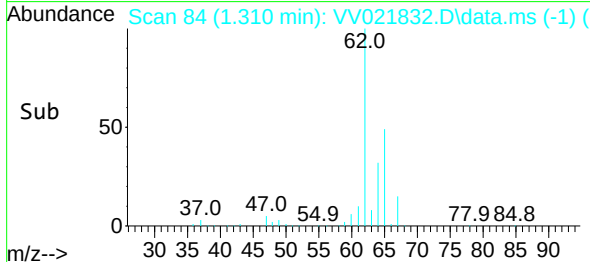
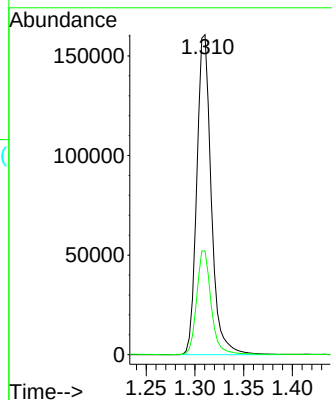
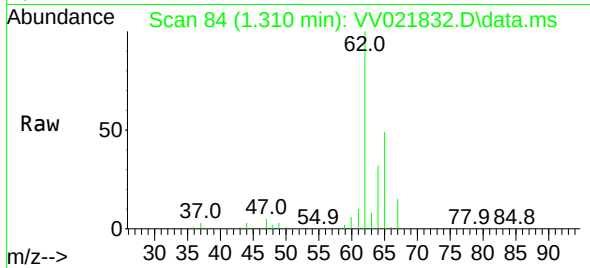




#5
 Vinyl chloride
 Concen: 48.756 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV021832.D
 Acq: 17 Aug 2021 22:35

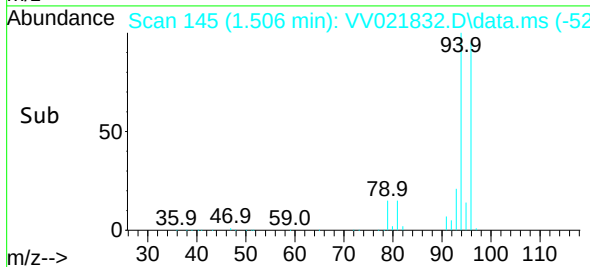
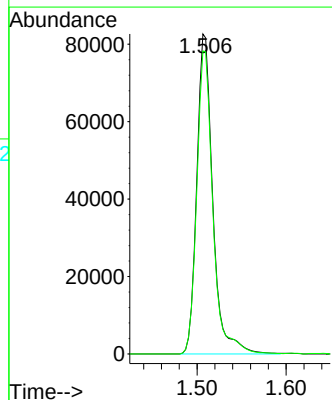
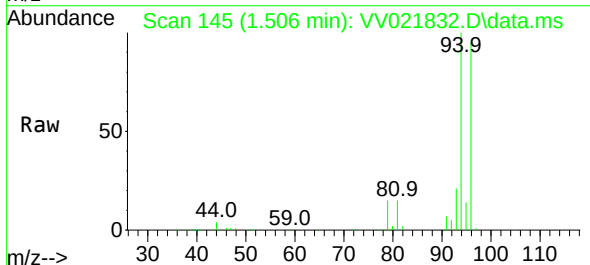
Instrument :
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 ClientSampled :

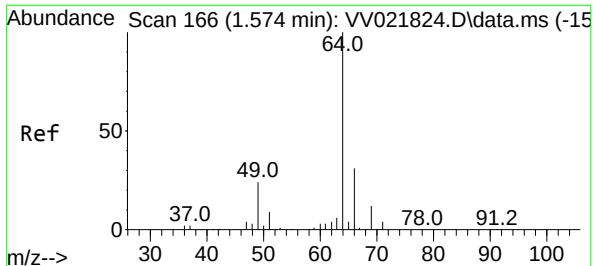
Tgt Ion: 62 Resp: 165862
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.4 43.4



#6
 Bromomethane
 Concen: 50.693 ug/L
 RT: 1.506 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VV021832.D
 Acq: 17 Aug 2021 22:35

Tgt Ion: 94 Resp: 103652
 Ion Ratio Lower Upper
 94 100
 96 94.7 64.8 120.3

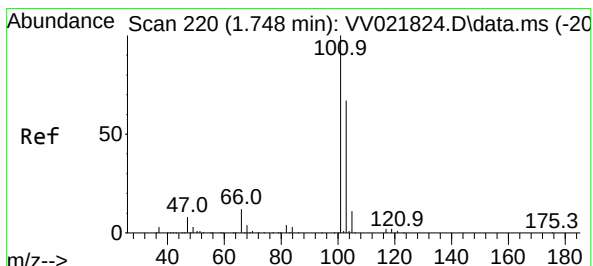
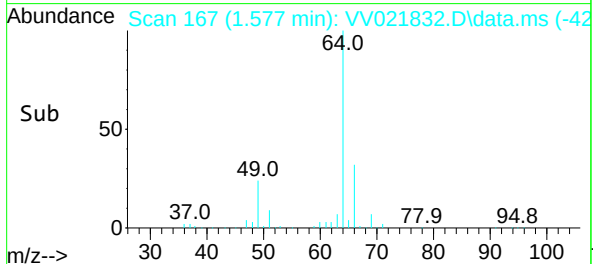
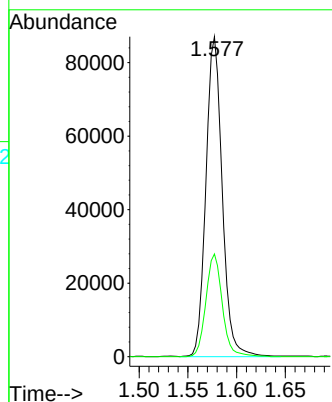
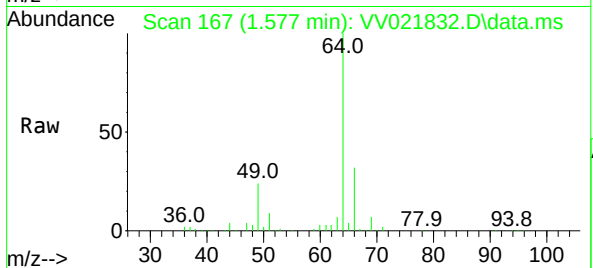




#8
Chloroethane
Concen: 49.843 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.003 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

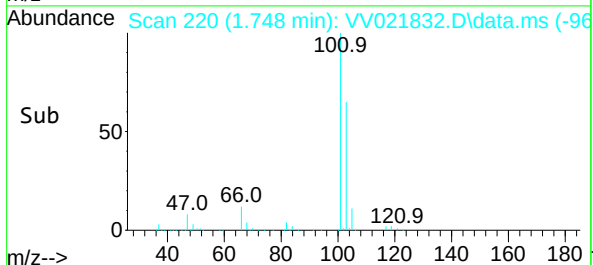
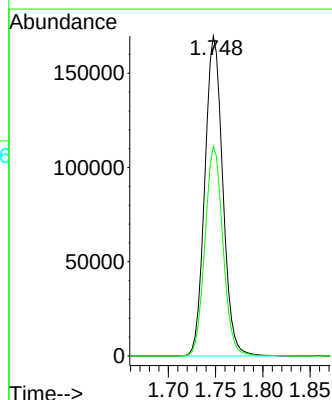
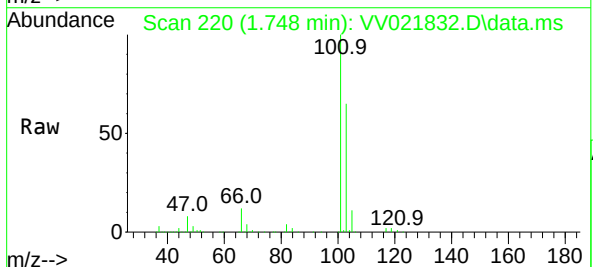
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MSVOA_V
ClientSampled :

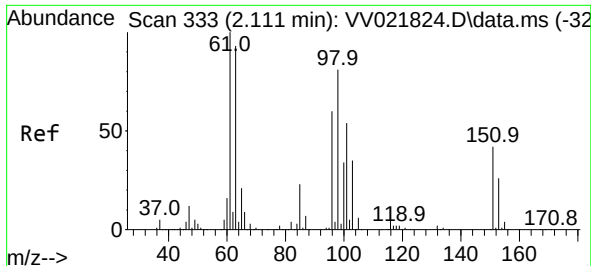
Tgt Ion: 64 Resp: 101323
Ion Ratio Lower Upper
64 100
66 32.1 22.6 42.0



#9
Trichlorofluoromethane
Concen: 48.073 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Tgt Ion:101 Resp: 224068
Ion Ratio Lower Upper
101 100
103 65.6 51.8 77.8





#10

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

Concen: 45.814 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV021832.D

Acq: 17 Aug 2021 22:35

Tgt Ion:101 Resp: 122259

Ion Ratio Lower Upper

101 100

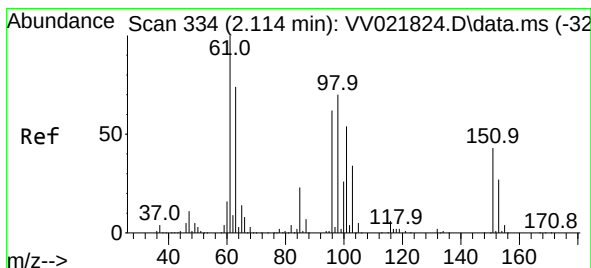
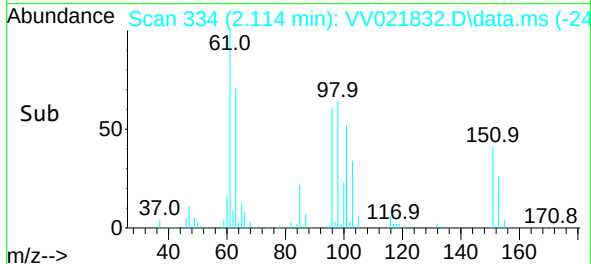
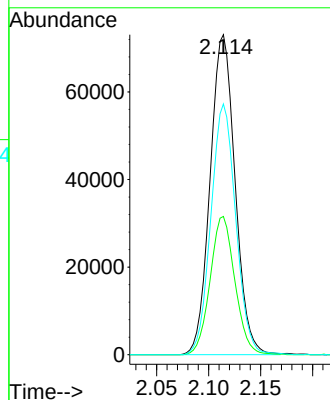
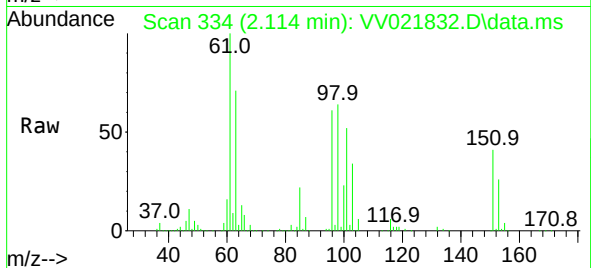
85 42.8 33.4 50.2

151 78.0 62.2 93.2

Instrument :

MSVOA_V

ClientSampled :



#12

1,1-Dichloroethene

Concen: 48.301 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV021832.D

Acq: 17 Aug 2021 22:35

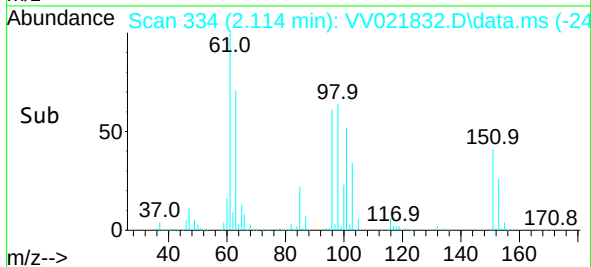
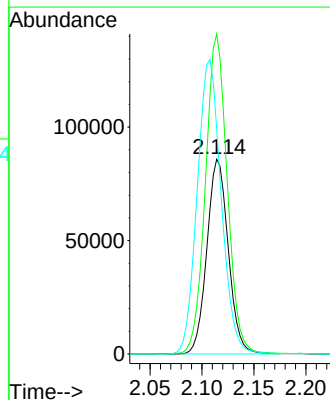
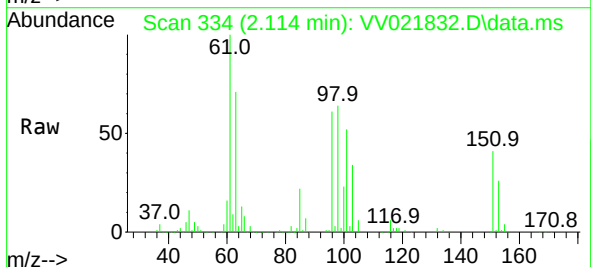
Tgt Ion: 96 Resp: 122772

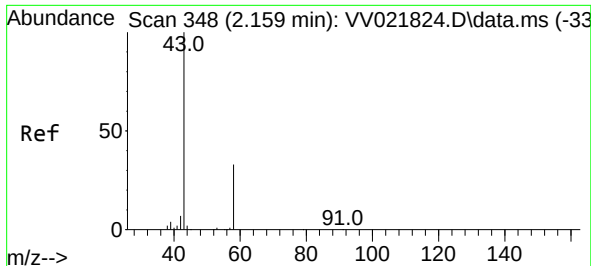
Ion Ratio Lower Upper

96 100

61 164.4 115.5 214.5

63 115.9 90.3 167.7

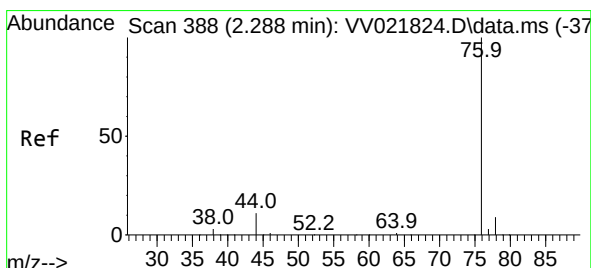
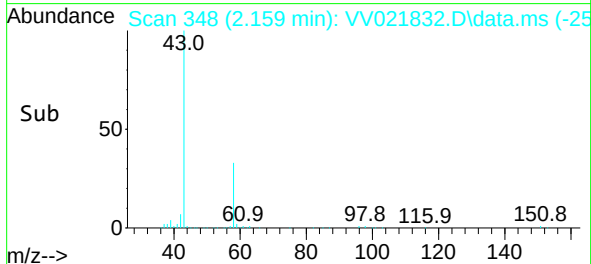
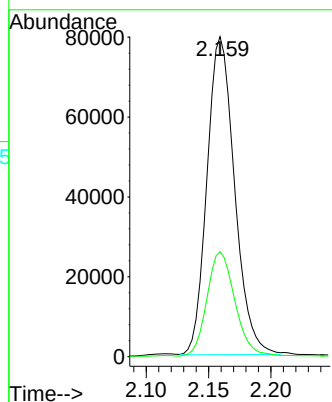
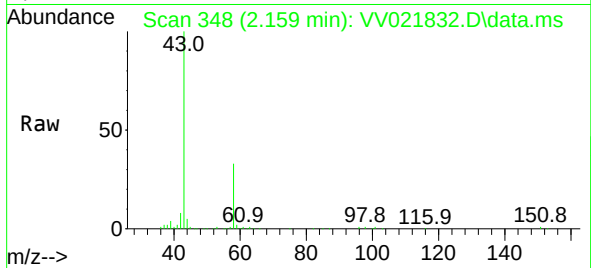




#13
Acetone
Concen: 71.397 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

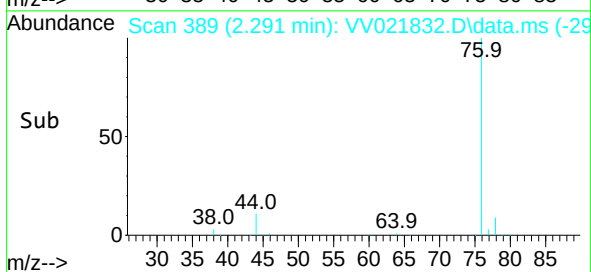
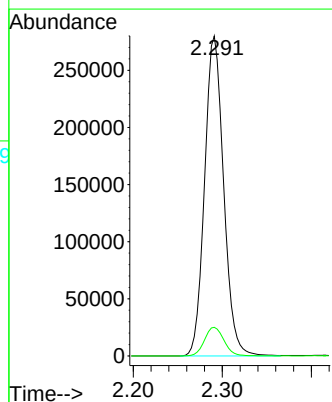
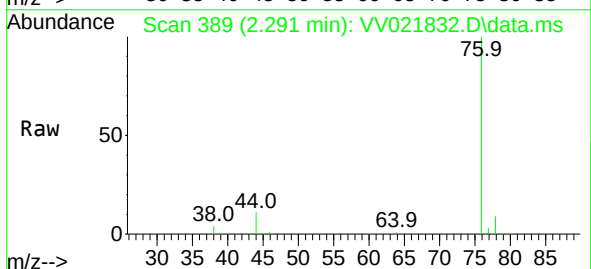
Instrument :
MSVOA_V
ClientSampleId :

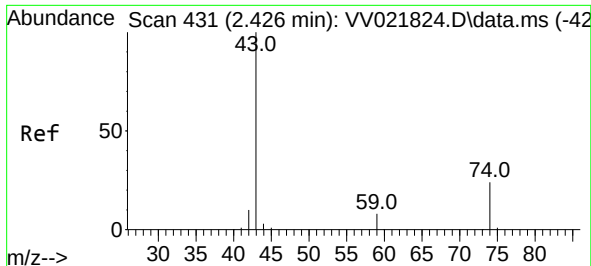
Tgt Ion: 43 Resp: 122820
Ion Ratio Lower Upper
43 100
58 33.4 0.0 0.0#



#14
Carbon disulfide
Concen: 48.600 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Tgt Ion: 76 Resp: 415642
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

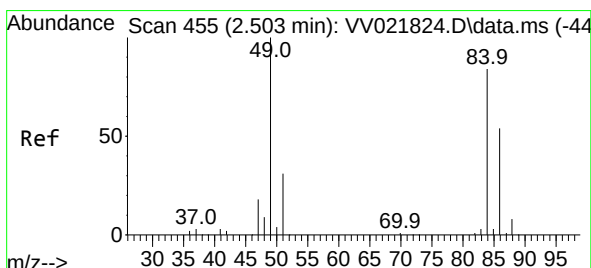
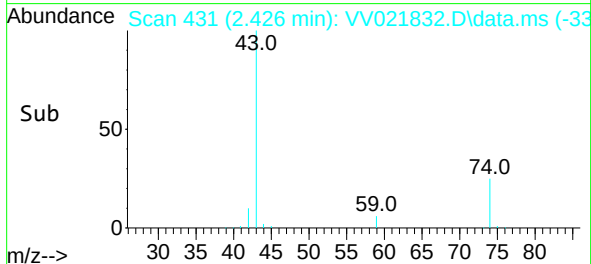
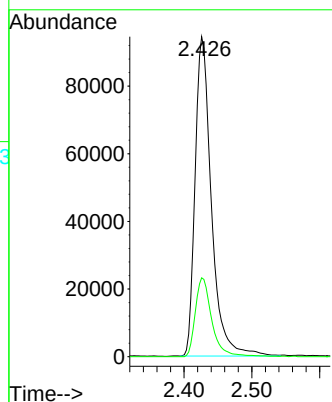
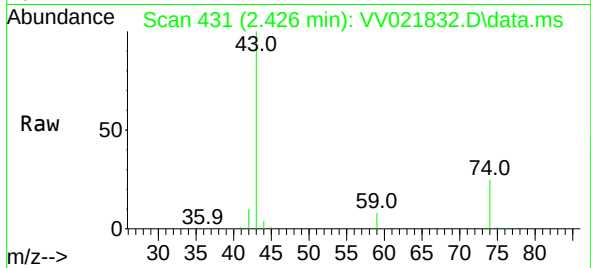




#15
Methyl Acetate
Concen: 49.954 ug/L
RT: 2.426 min Scan# 431
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

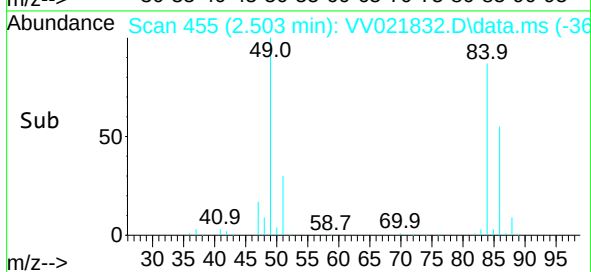
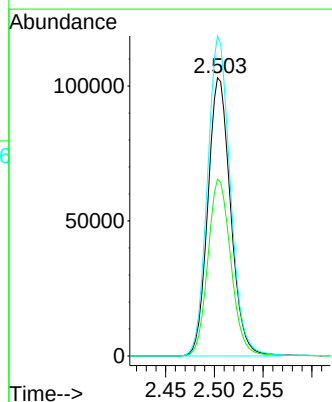
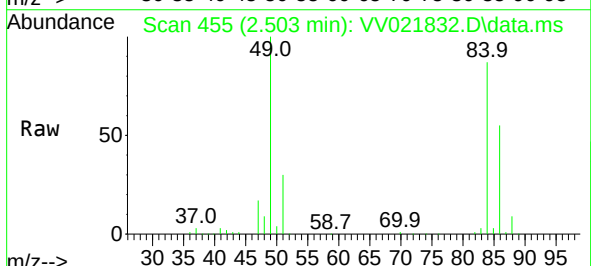
Instrument :
MSVOA_V
ClientSampled :

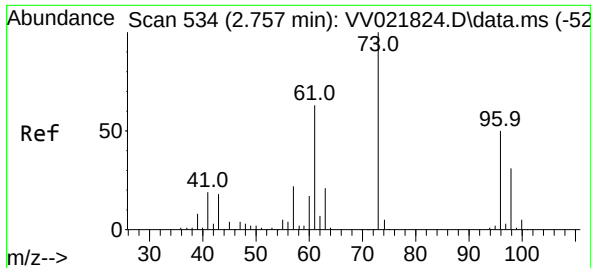
Tgt Ion: 43 Resp: 157868
Ion Ratio Lower Upper
43 100
74 24.6 19.0 28.6



#16
Methylene chloride
Concen: 47.390 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Tgt Ion: 84 Resp: 167550
Ion Ratio Lower Upper
84 100
86 63.5 44.7 83.1
49 115.0 82.5 153.3



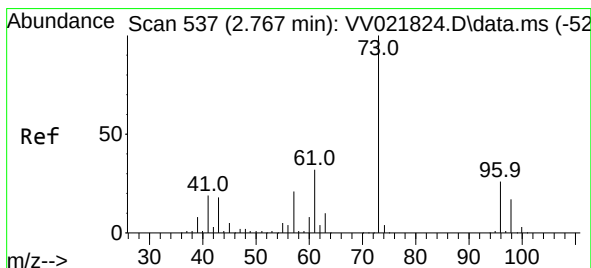
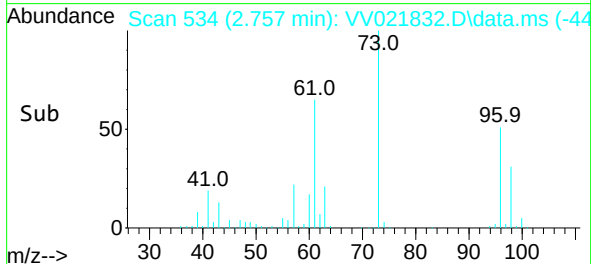
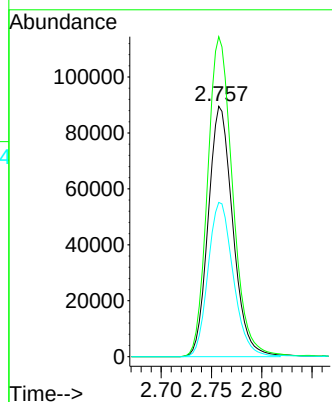
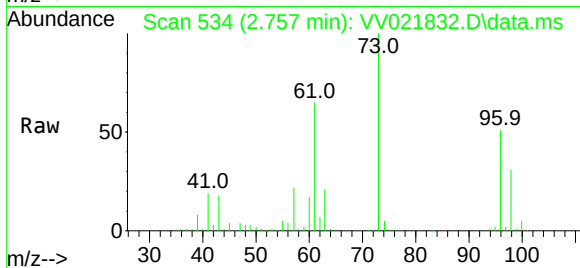


#17
 trans-1,2-Dichloroethene
 Concen: 51.004 ug/L
 RT: 2.757 min Scan# 534
 Delta R.T. -0.000 min
 Lab File: VV021832.D
 Acq: 17 Aug 2021 22:35

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 96 Resp: 152126

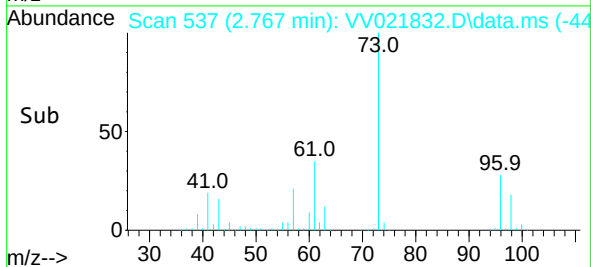
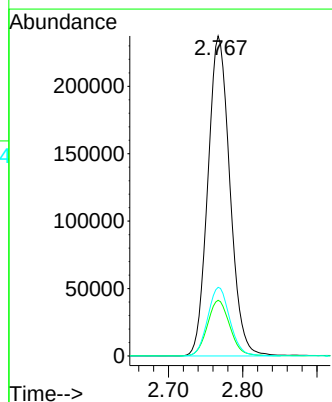
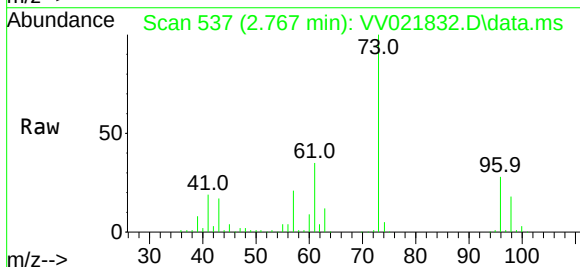
Ion	Ratio	Lower	Upper
96	100		
61	127.8	90.4	168.0
98	61.6	44.4	82.5

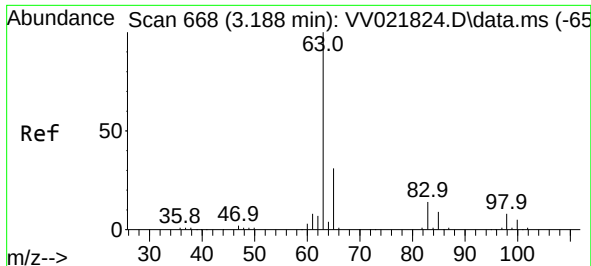


#18
 Methyl tert-butyl Ether
 Concen: 53.347 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. -0.000 min
 Lab File: VV021832.D
 Acq: 17 Aug 2021 22:35

Tgt Ion: 73 Resp: 489344

Ion	Ratio	Lower	Upper
73	100		
43	17.6	14.2	21.4
57	21.6	17.7	26.5





#19

1,1-Dichloroethane

Concen: 51.825 ug/L

RT: 3.188 min Scan# 668

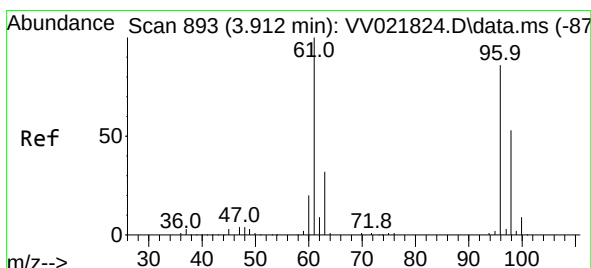
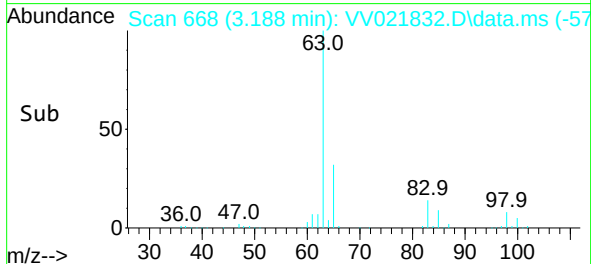
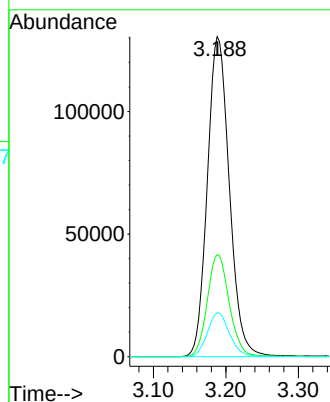
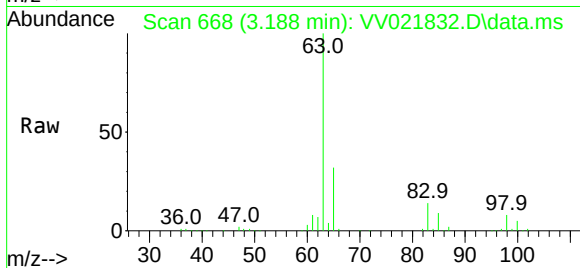
Delta R.T. -0.000 min

Lab File: VV021832.D

Acq: 17 Aug 2021 22:35

Tgt Ion: 63 Resp: 275156

Ion	Ratio	Lower	Upper
63	100		
65	31.9	21.8	40.6
83	13.7	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 49.477 ug/L

RT: 3.911 min Scan# 893

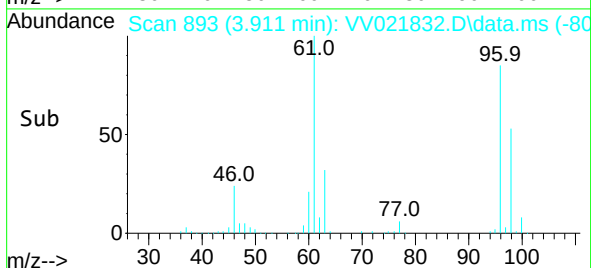
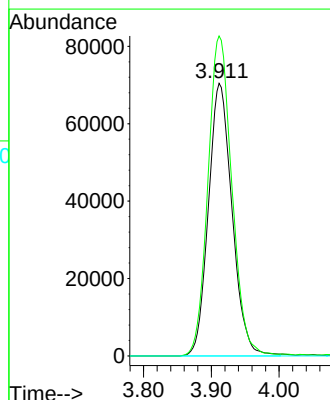
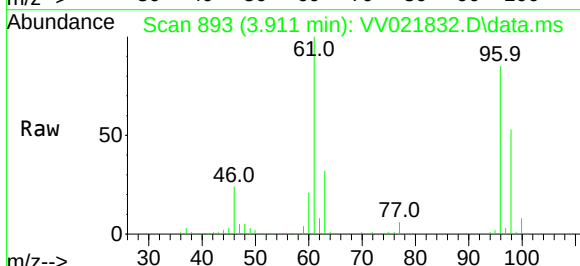
Delta R.T. -0.000 min

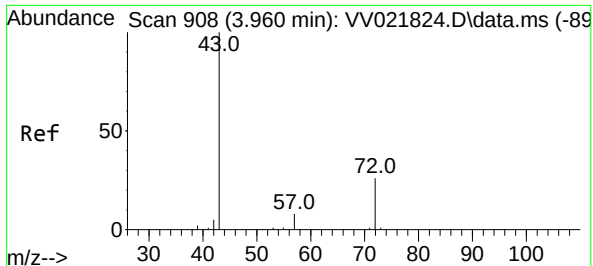
Lab File: VV021832.D

Acq: 17 Aug 2021 22:35

Tgt Ion: 96 Resp: 170884

Ion	Ratio	Lower	Upper
96	100		
61	117.4	81.0	150.4
68	0.0	0.0	0.0

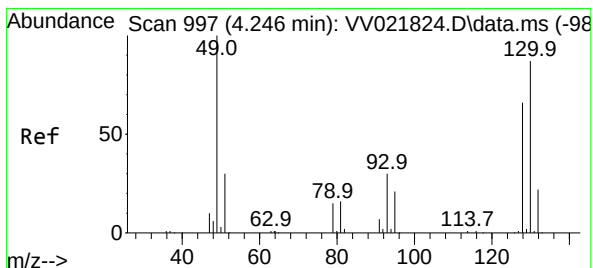
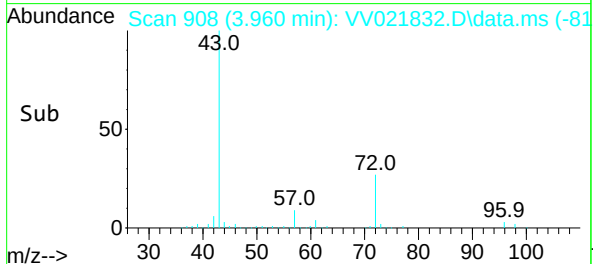
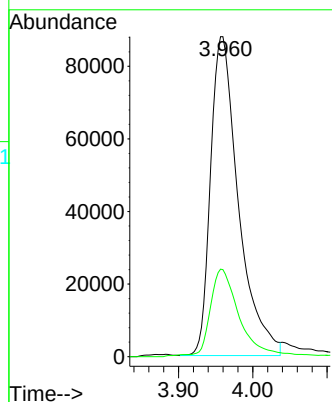
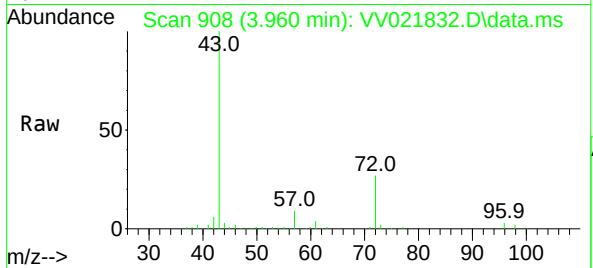




#22
2-Butanone
Concen: 91.465 ug/L
RT: 3.960 min Scan# 908
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

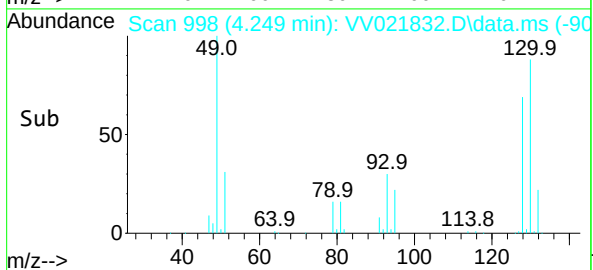
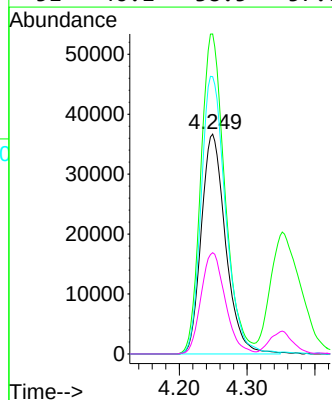
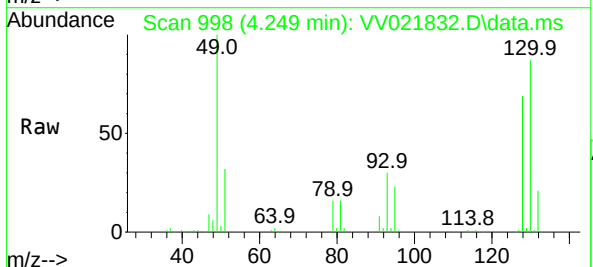
Instrument :
MSVOA_V
ClientSampled :

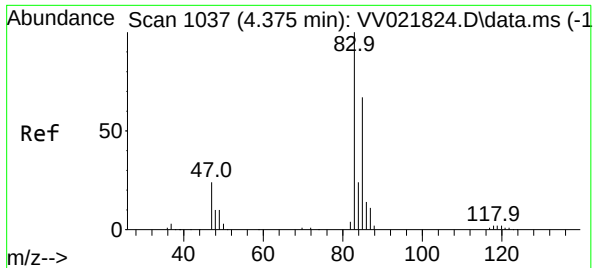
Tgt Ion: 43 Resp: 229142
Ion Ratio Lower Upper
43 100
72 27.0 13.6 40.8



#23
Bromochloromethane
Concen: 49.728 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Tgt Ion: 128 Resp: 91123
Ion Ratio Lower Upper
128 100
49 145.6 105.6 196.0
130 126.1 89.5 166.1
51 46.1 38.5 57.7





#25

Chloroform

Concen: 49.390 ug/L

RT: 4.374 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VV021832.D

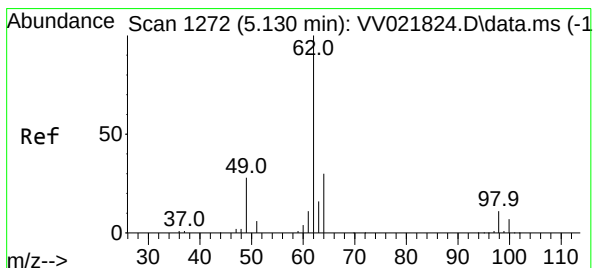
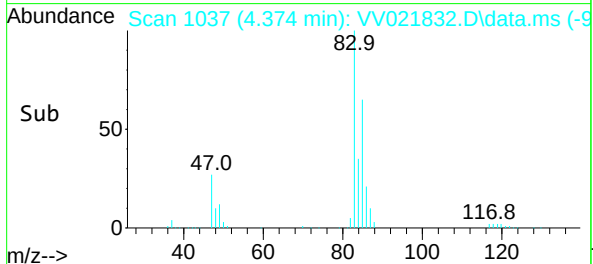
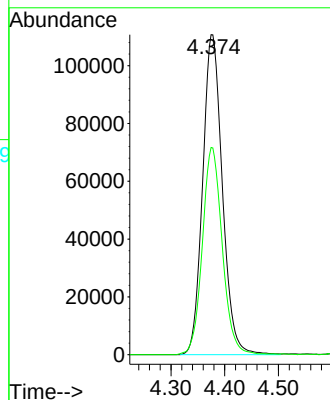
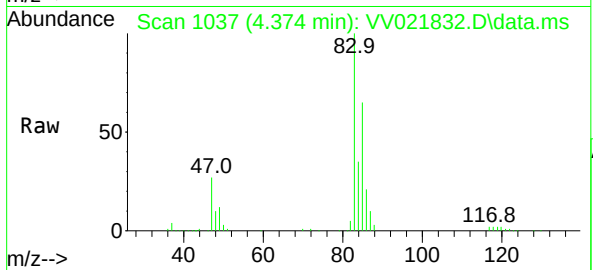
Acq: 17 Aug 2021 22:35

Tgt Ion: 83 Resp: 282156

Ion Ratio Lower Upper

83 100

85 64.7 44.8 83.2



#27

1,2-Dichloroethane

Concen: 49.961 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV021832.D

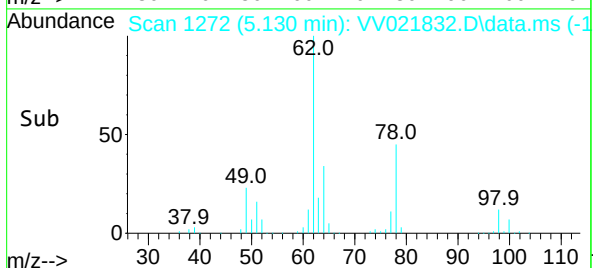
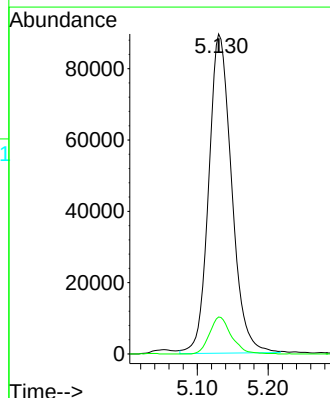
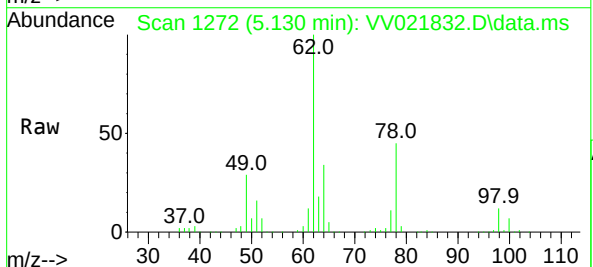
Acq: 17 Aug 2021 22:35

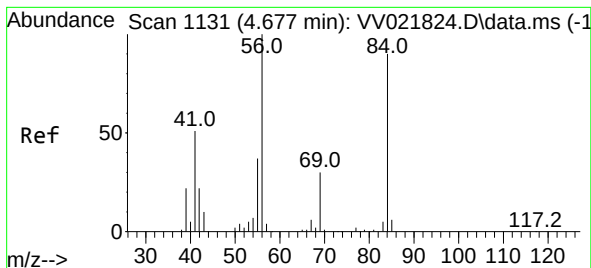
Tgt Ion: 62 Resp: 201098

Ion Ratio Lower Upper

62 100

98 11.5 8.6 13.0





#29

Cyclohexane

Concen: 49.221 ug/L

RT: 4.680 min Scan# 1132

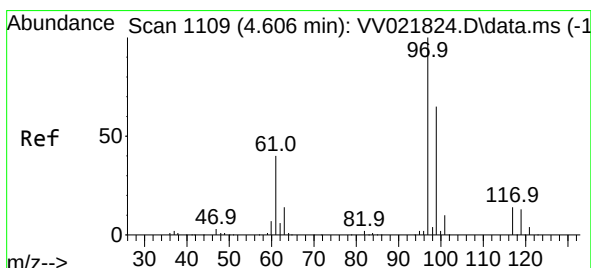
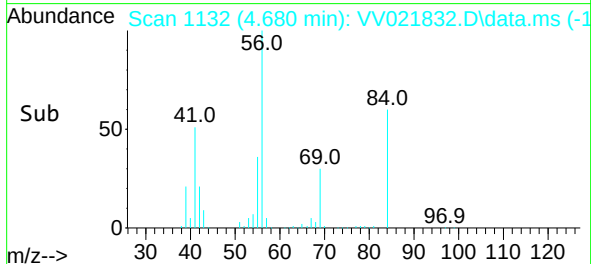
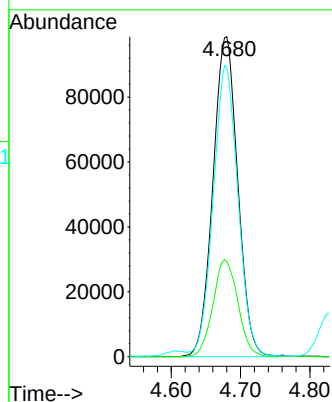
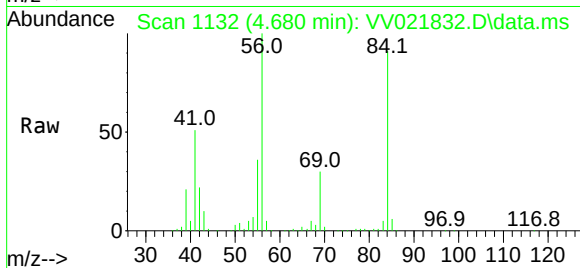
Delta R.T. 0.003 min

Lab File: VV021832.D

Acq: 17 Aug 2021 22:35

Tgt Ion:	56	Resp:	245385
Ion Ratio	Lower	Upper	
56	100		
69	30.4	24.9	37.3
84	90.3	72.6	109.0

Instrument :
MSVOA_V
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 48.551 ug/L

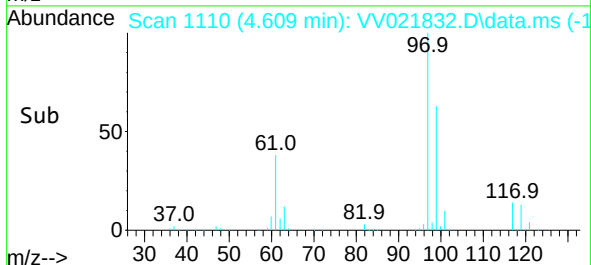
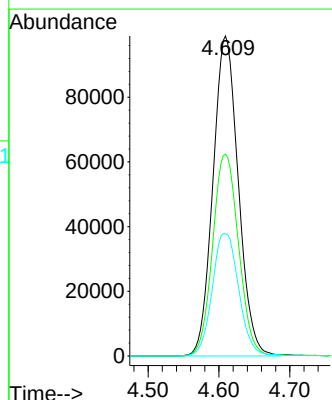
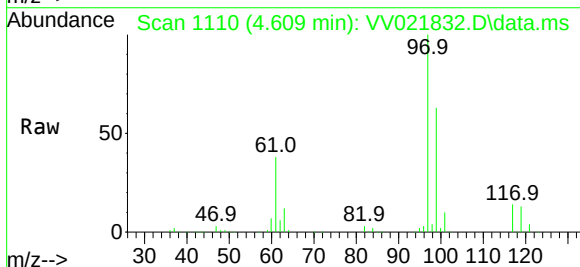
RT: 4.609 min Scan# 1110

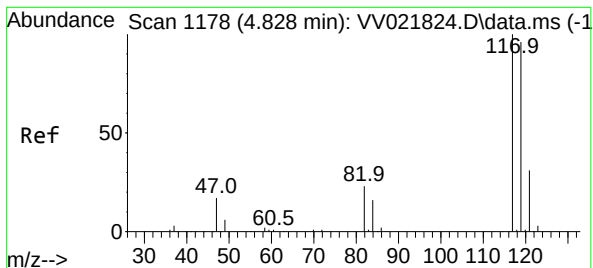
Delta R.T. 0.003 min

Lab File: VV021832.D

Acq: 17 Aug 2021 22:35

Tgt Ion:	97	Resp:	245923
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.0	76.4
61	39.9	32.3	48.5

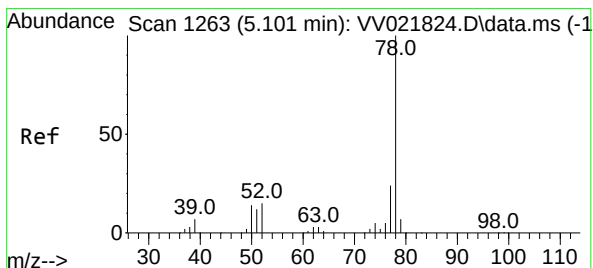
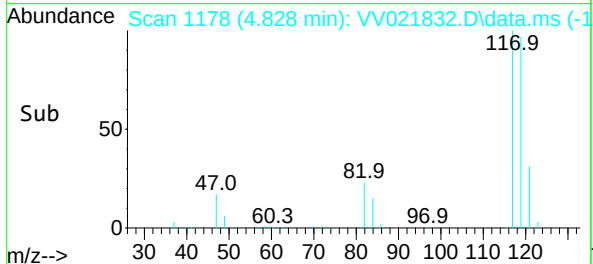
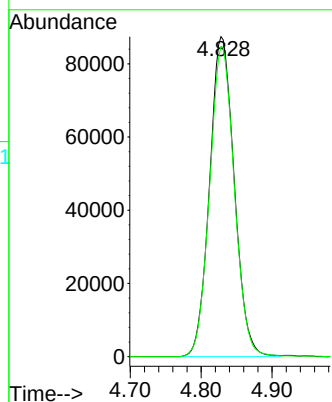
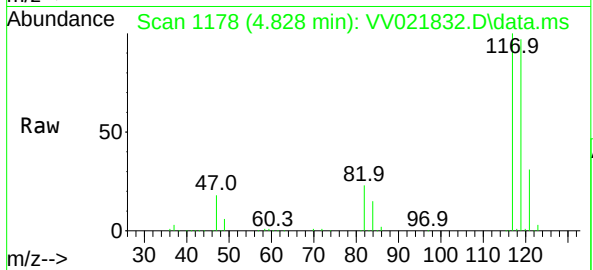




#31
Carbon tetrachloride
Concen: 48.213 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

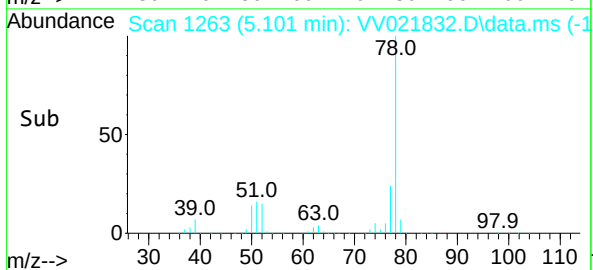
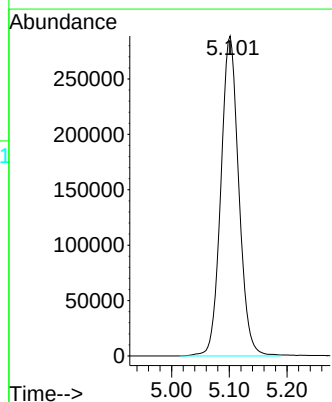
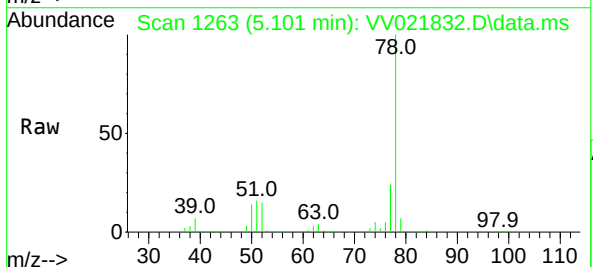
Instrument :
MSVOA_V
ClientSampled :

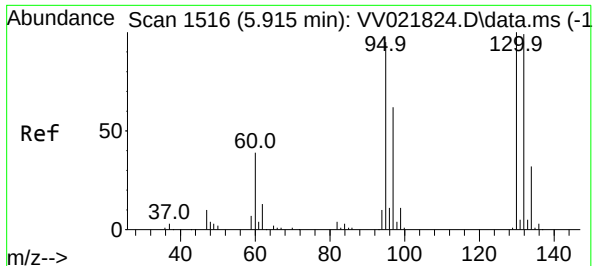
Tgt Ion:117 Resp: 211311
Ion Ratio Lower Upper
117 100
119 97.1 77.1 115.7



#33
Benzene
Concen: 50.046 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Tgt Ion: 78 Resp: 623409

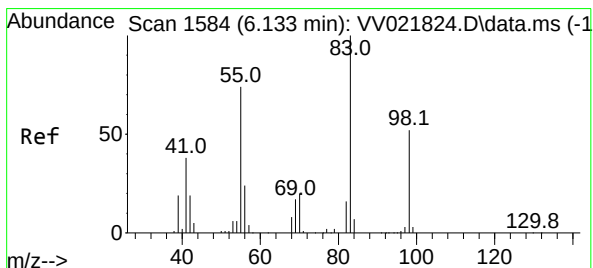
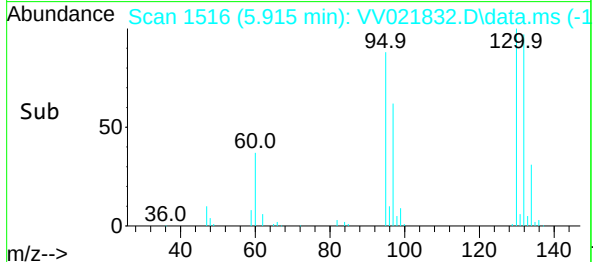
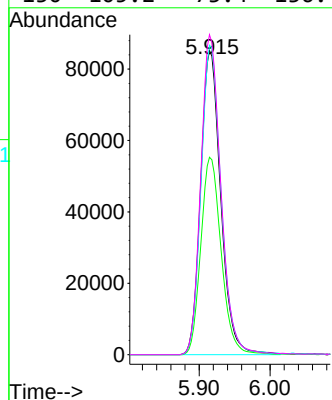
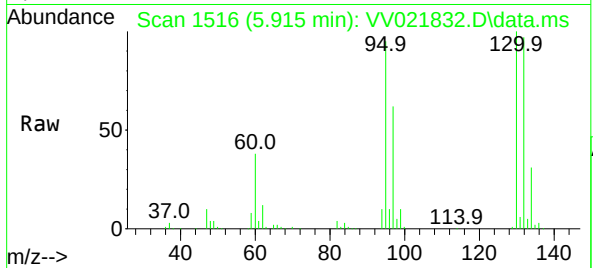




#34
Trichloroethene
Concen: 46.826 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

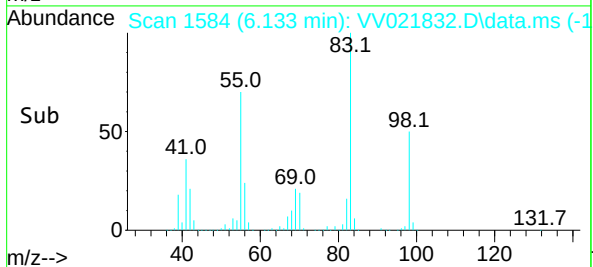
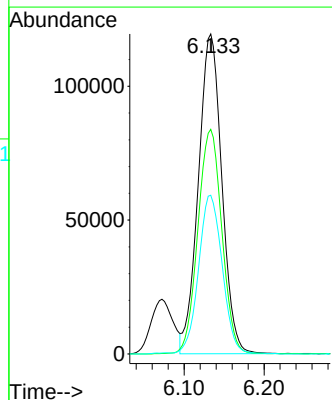
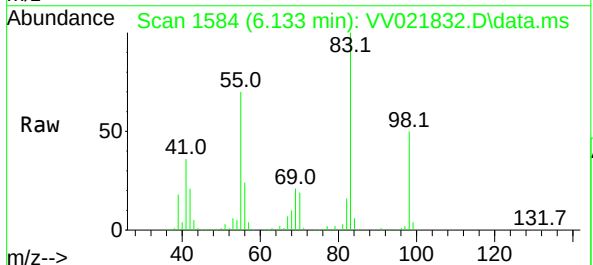
Instrument :
MSVOA_V
ClientSampleId :

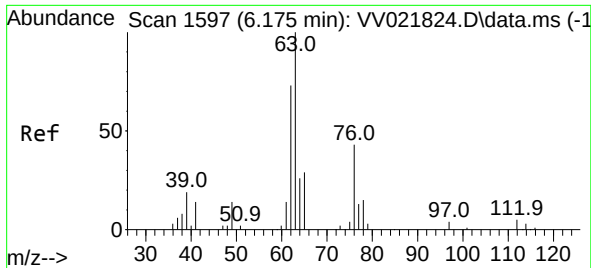
Tgt Ion: 95 Resp: 167620
Ion Ratio Lower Upper
95 100
97 64.9 44.1 81.9
132 101.7 70.2 130.4
130 105.2 73.4 136.4



#35
Methylcyclohexane
Concen: 46.784 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Tgt Ion: 83 Resp: 244328
Ion Ratio Lower Upper
83 100
55 71.8 57.9 86.9
98 49.7 39.9 59.9

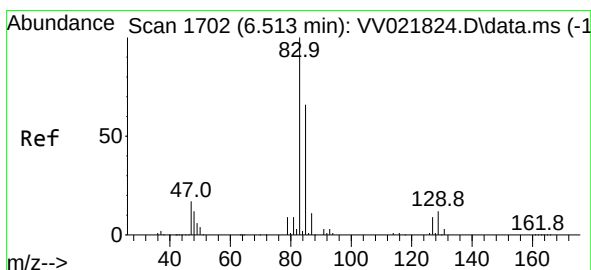
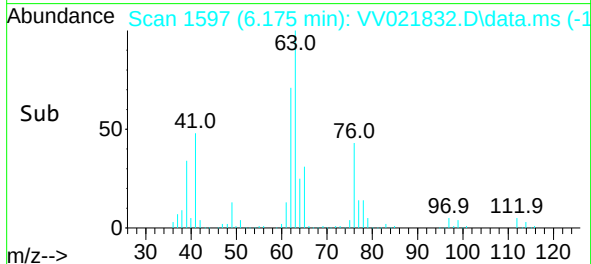
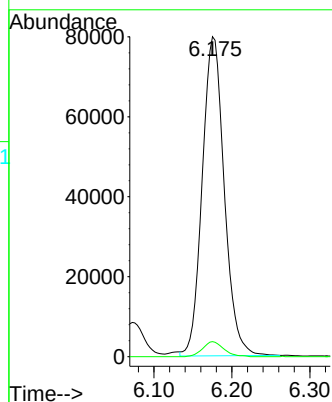
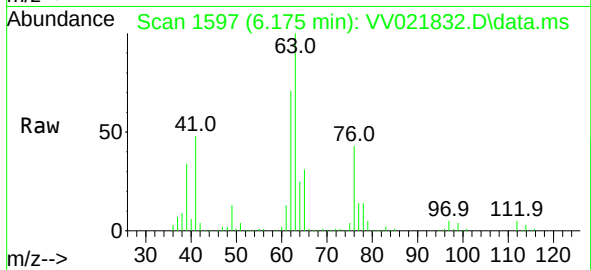




#37
1,2-Dichloropropane
Concen: 49.765 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

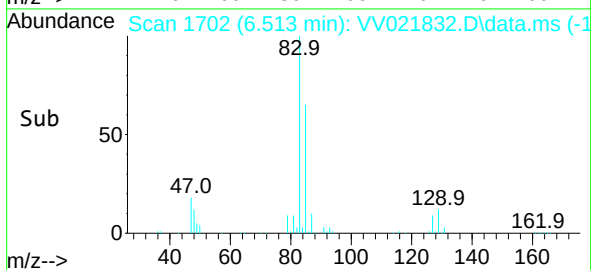
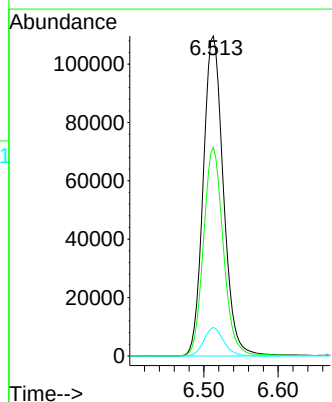
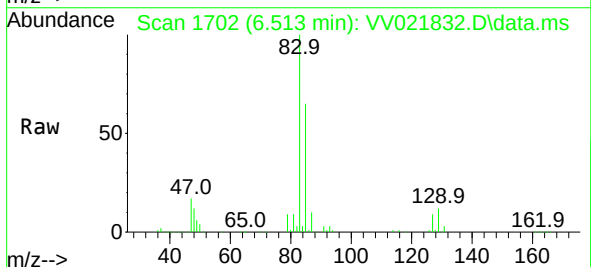
Instrument :
MSVOA_V
ClientSampleId :

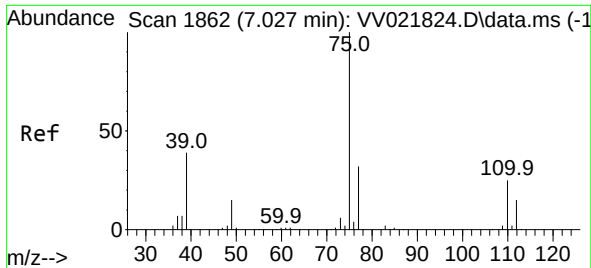
Tgt Ion: 63 Resp: 156967
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.6



#38
Bromodichloromethane
Concen: 49.661 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Tgt Ion: 83 Resp: 206453
Ion Ratio Lower Upper
83 100
85 65.2 45.7 84.9
127 8.9 7.4 11.2

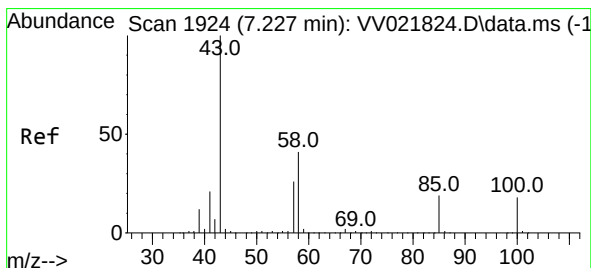
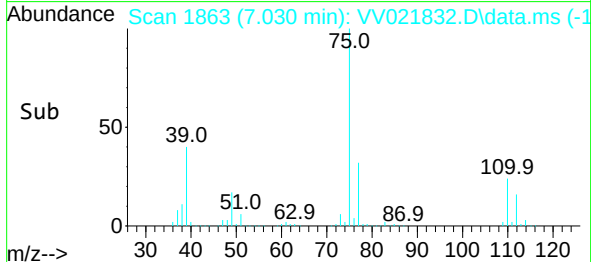
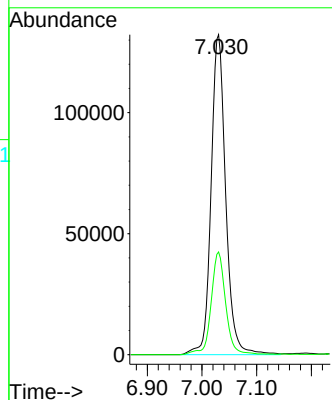
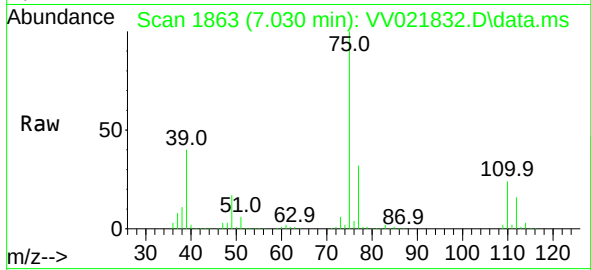




#39
cis-1,3-Dichloropropene
Concen: 49.166 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

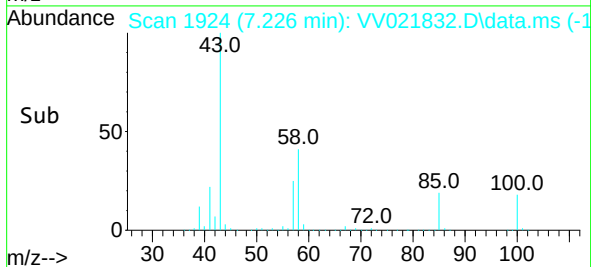
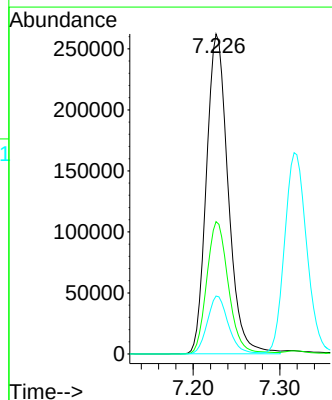
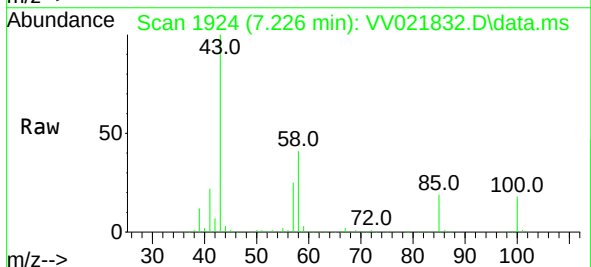
Instrument :
MSVOA_V
ClientSampled :

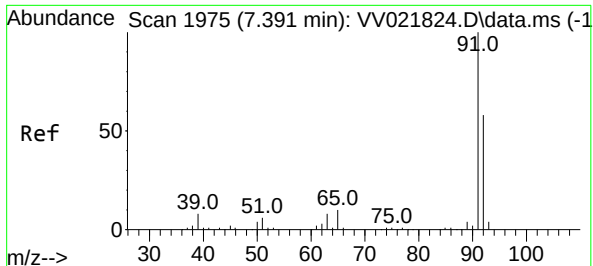
Tgt Ion: 75 Resp: 245562
Ion Ratio Lower Upper
75 100
77 32.1 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 105.474 ug/L
RT: 7.226 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Tgt Ion: 43 Resp: 457630
Ion Ratio Lower Upper
43 100
58 41.3 32.9 49.3
100 17.5 14.0 21.0

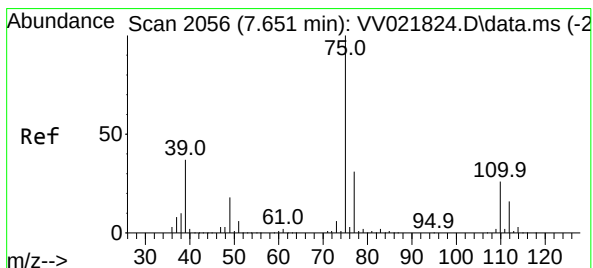
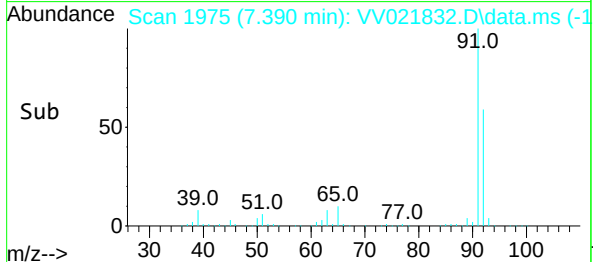
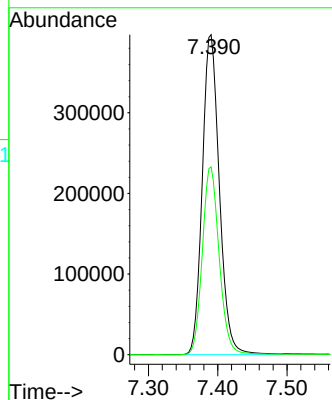
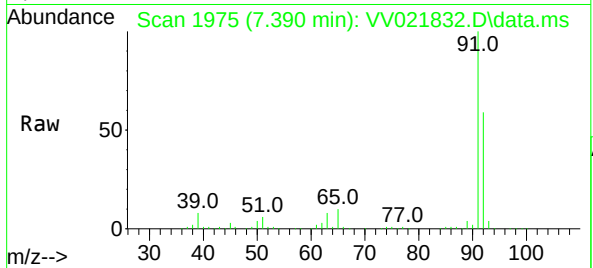




#42
Toluene
Concen: 51.171 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

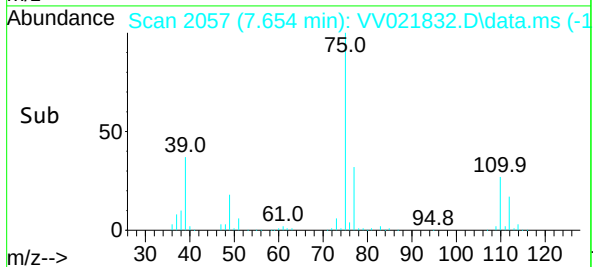
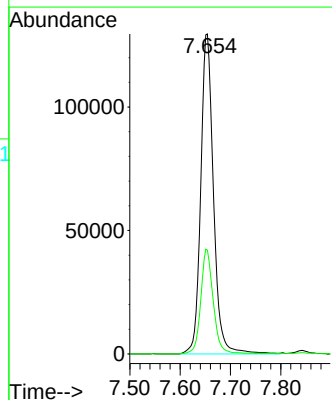
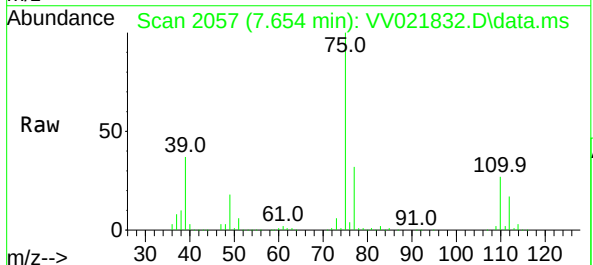
Instrument :
MSVOA_V
ClientSampled :

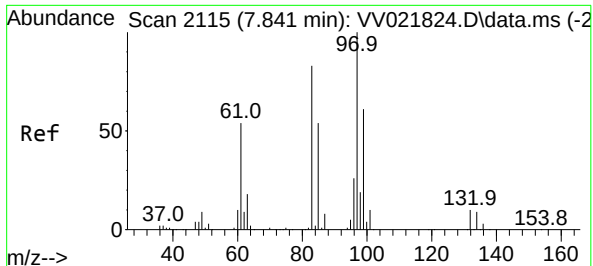
Tgt Ion: 91 Resp: 680791
Ion Ratio Lower Upper
91 100
92 58.7 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 48.680 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Tgt Ion: 75 Resp: 229128
Ion Ratio Lower Upper
75 100
77 32.4 22.2 41.2



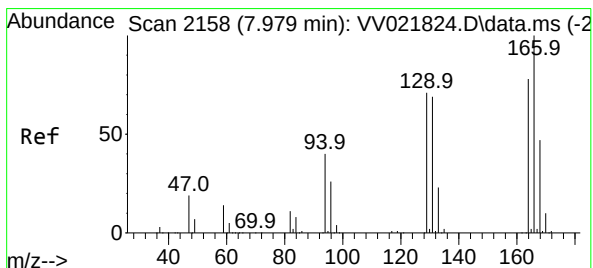
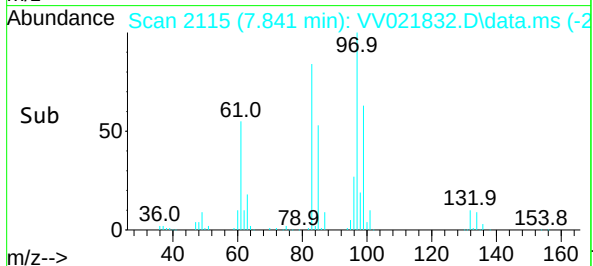
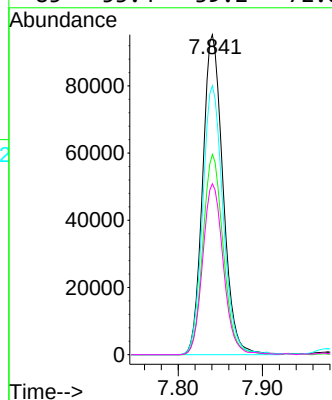
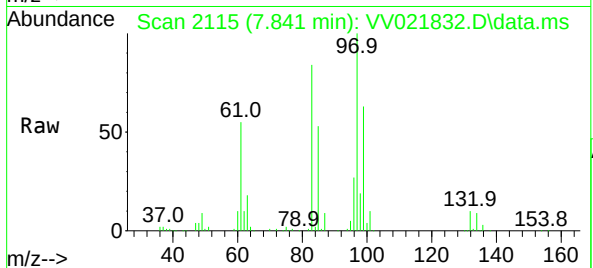


#45
1,1,2-Trichloroethane
Concen: 50.716 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 160248

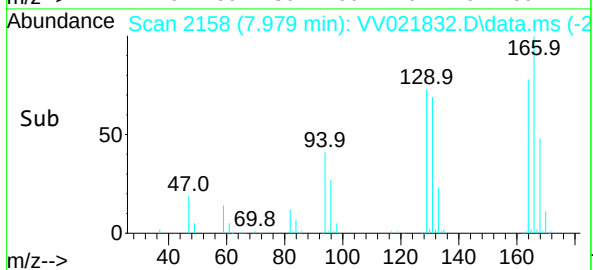
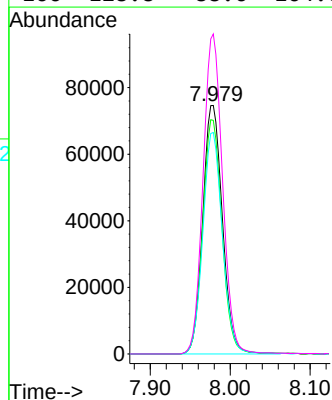
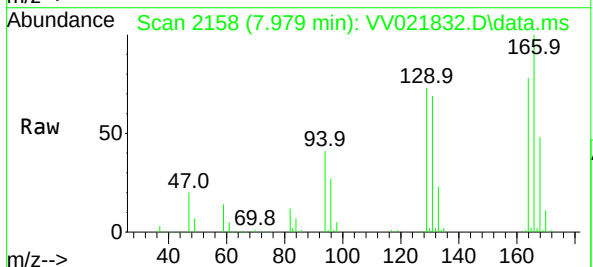
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.2	82.0
83	84.0	59.2	110.0
85	53.4	39.2	72.8

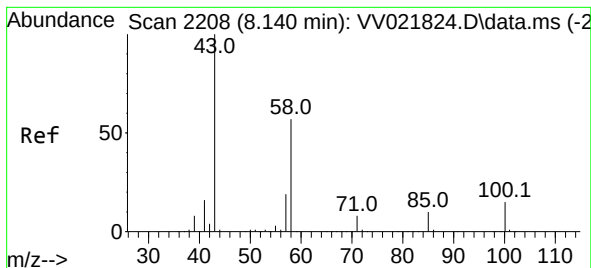


#46
Tetrachloroethene
Concen: 48.037 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Tgt Ion: 164 Resp: 127793

Ion	Ratio	Lower	Upper
164	100		
129	94.0	63.7	118.3
131	89.1	61.5	114.3
166	128.8	88.6	164.6

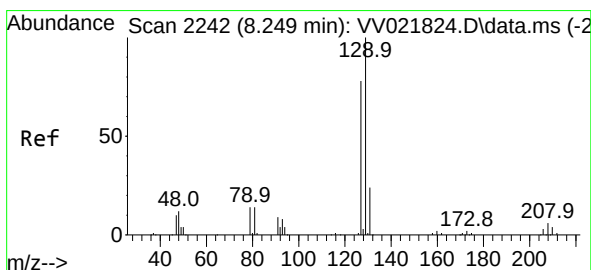
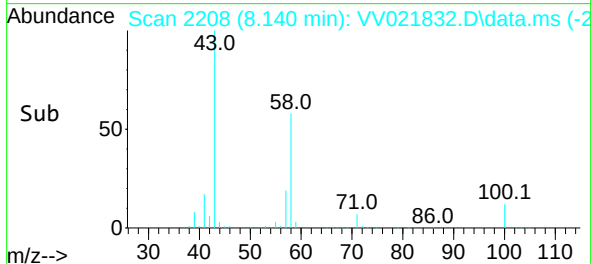
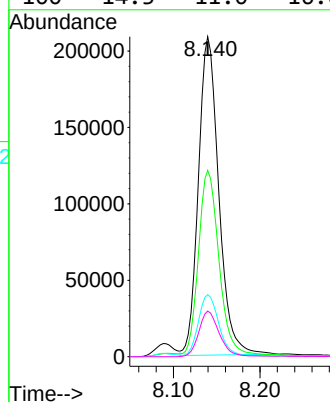
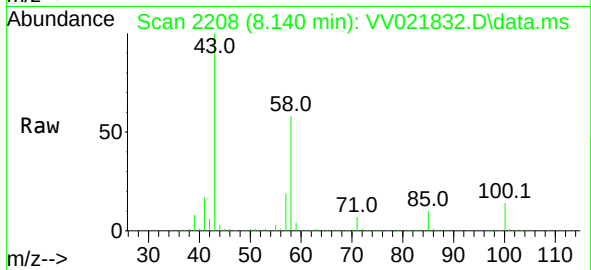




#48
2-Hexanone
Concen: 101.374 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

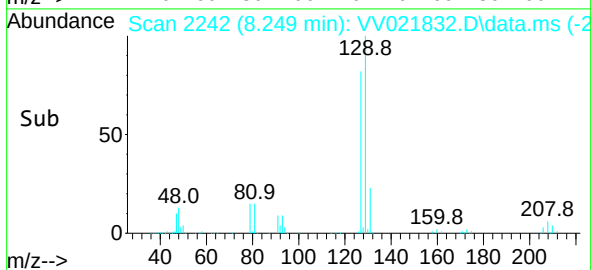
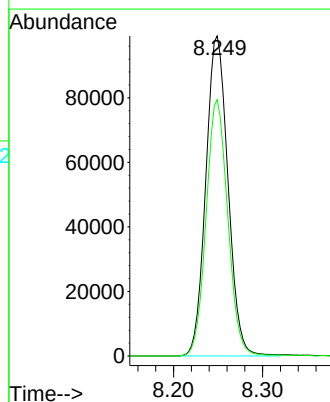
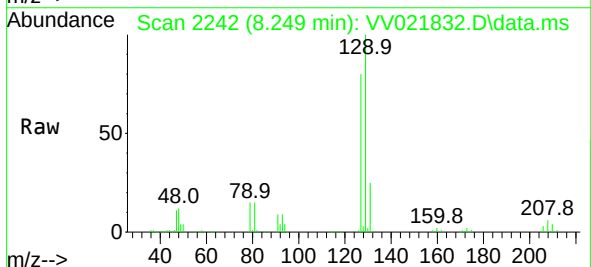
Instrument :
MSVOA_V
ClientSampleId :

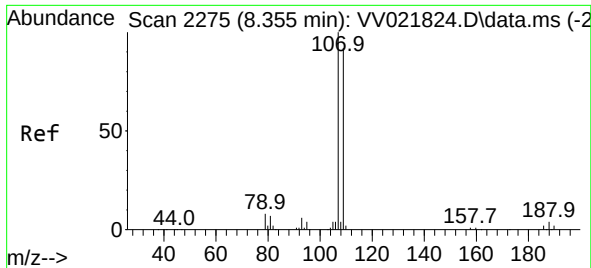
Tgt Ion: 43	Resp: 340704
Ion Ratio	Lower Upper
43 100	
58 58.0	45.4 68.2
57 19.4	15.3 22.9
100 14.3	11.0 16.6



#49
Dibromochloromethane
Concen: 49.071 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

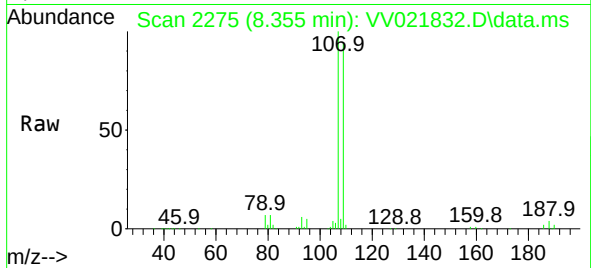
Tgt Ion:129	Resp: 171191
Ion Ratio	Lower Upper
129 100	
127 80.1	54.9 101.9



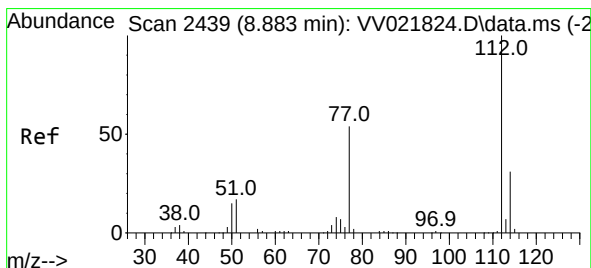
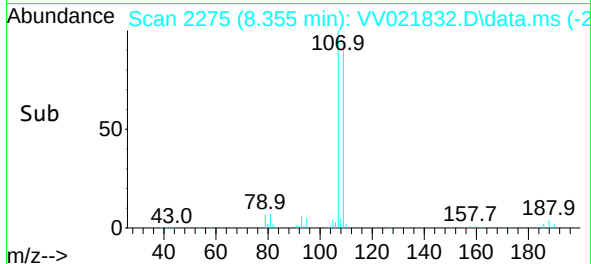
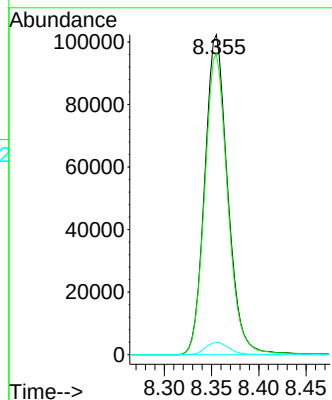


#50
1,2-Dibromoethane
Concen: 50.153 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Instrument :
MSVOA_V
ClientSampleId :

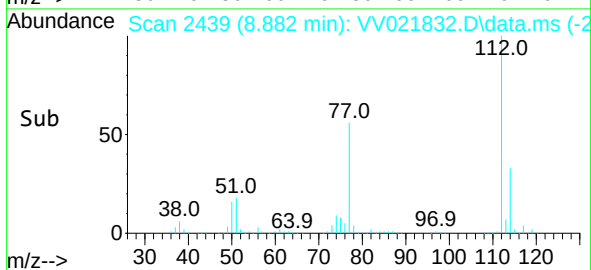
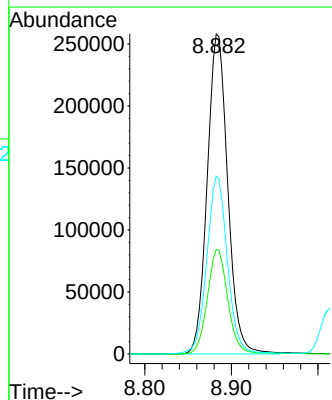
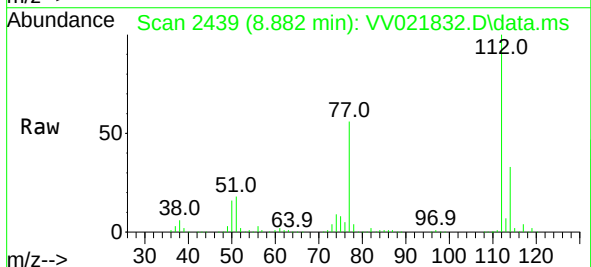


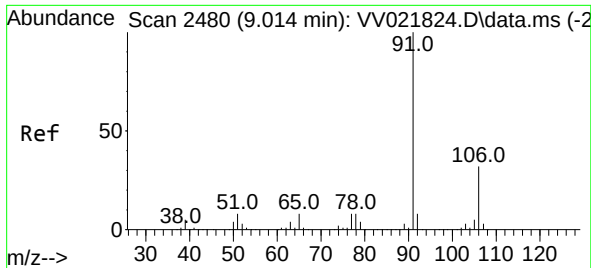
Tgt Ion:107 Resp: 172453
Ion Ratio Lower Upper
107 100
109 94.0 66.3 123.1
188 3.9 3.0 4.4



#51
Chlorobenzene
Concen: 48.950 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Tgt Ion:112 Resp: 425200
Ion Ratio Lower Upper
112 100
114 32.6 22.2 41.2
77 55.6 43.7 65.5

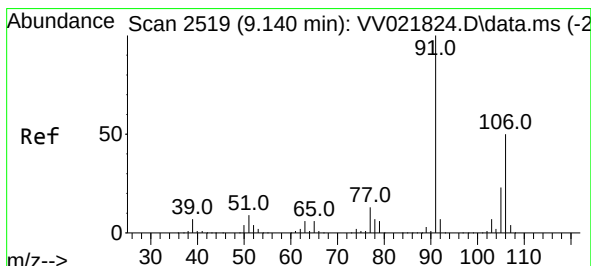
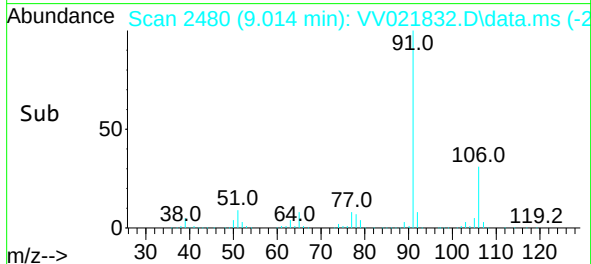
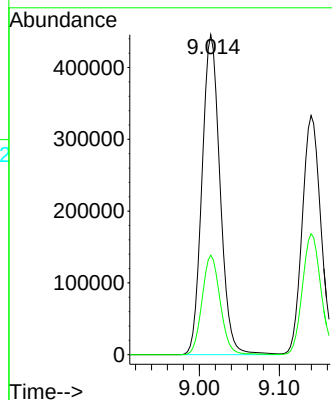
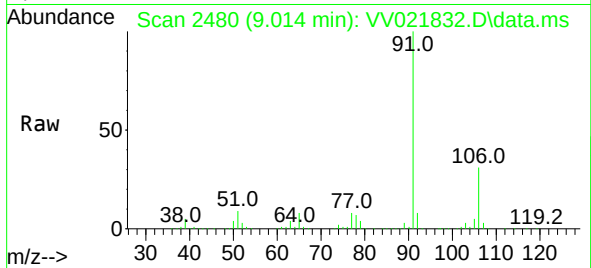




#52
Ethylbenzene
Concen: 49.520 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

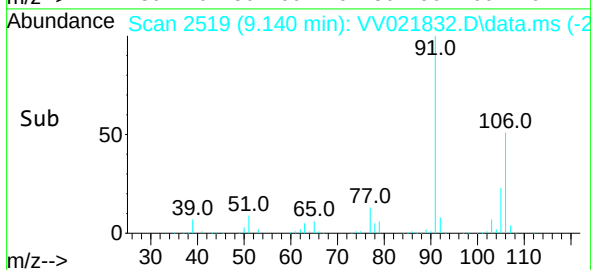
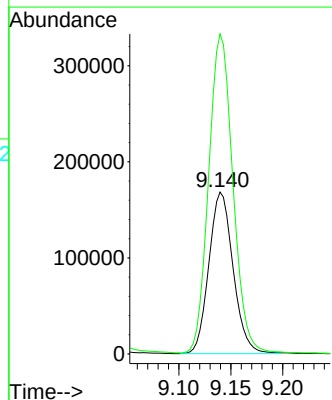
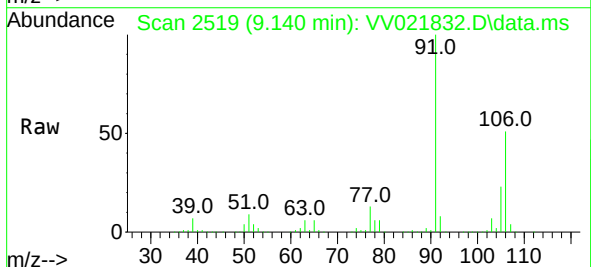
Instrument :
MSVOA_V
ClientSampled :

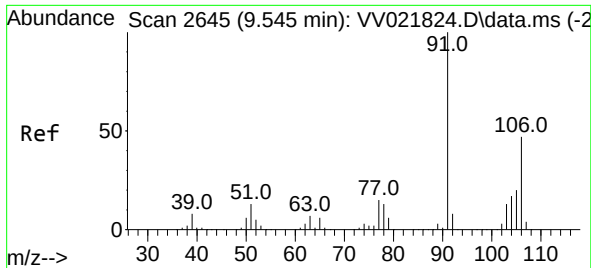
Tgt Ion: 91 Resp: 702873
Ion Ratio Lower Upper
91 100
106 31.1 22.2 41.2



#53
m,p-Xylene
Concen: 49.476 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Tgt Ion: 106 Resp: 272163
Ion Ratio Lower Upper
106 100
91 197.6 139.2 258.6

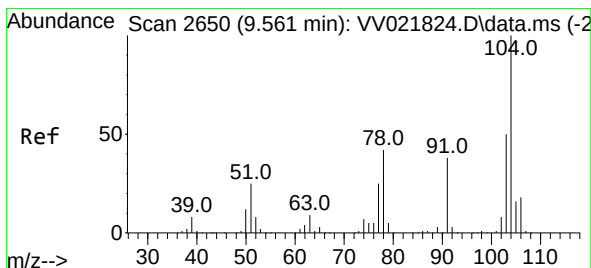
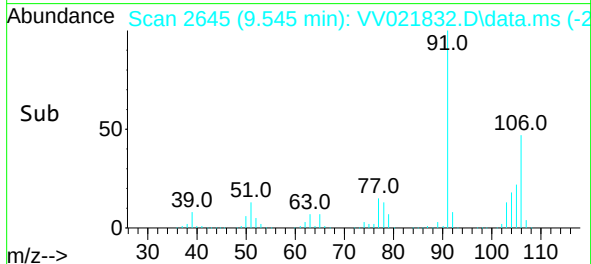
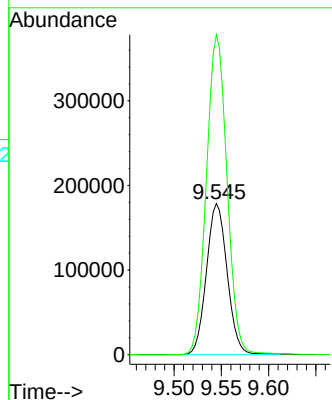
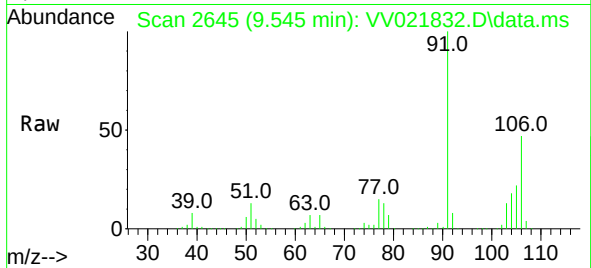




#54
o-Xylene
Concen: 50.030 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

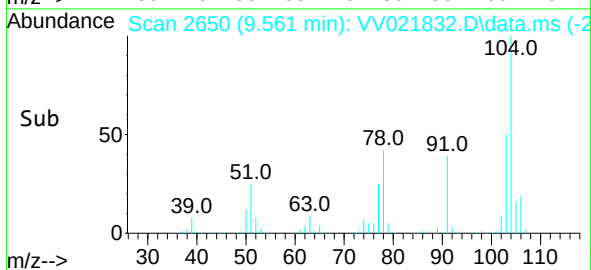
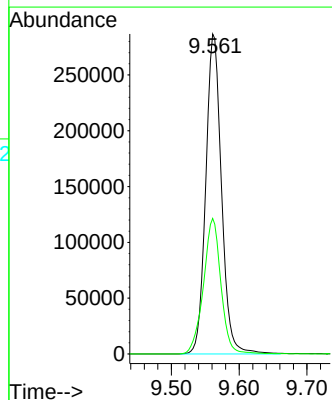
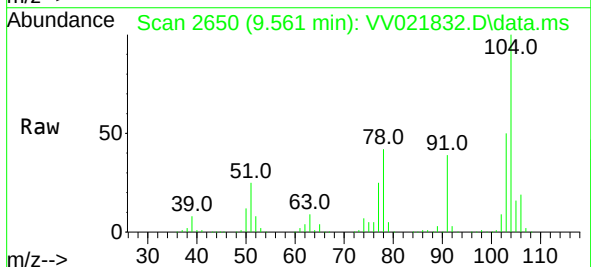
Instrument :
MSVOA_V
ClientSampleId :

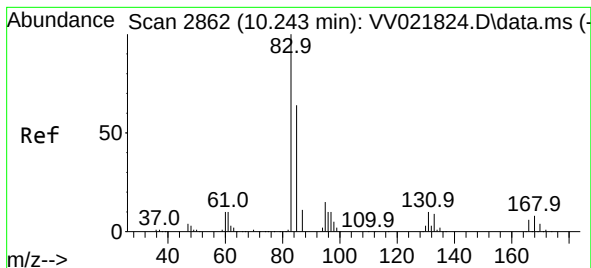
Tgt Ion:106 Resp: 272796
Ion Ratio Lower Upper
106 100
91 211.8 148.1 275.0



#55
Styrene
Concen: 50.680 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Tgt Ion:104 Resp: 462753
Ion Ratio Lower Upper
104 100
78 42.3 30.2 56.2

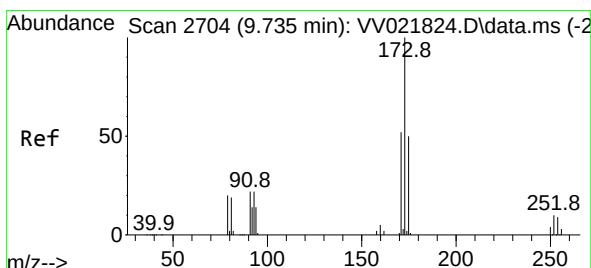
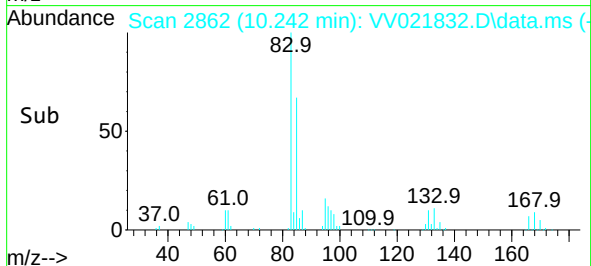
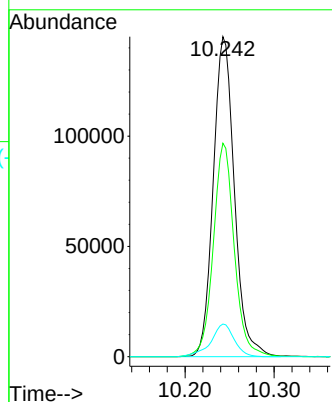
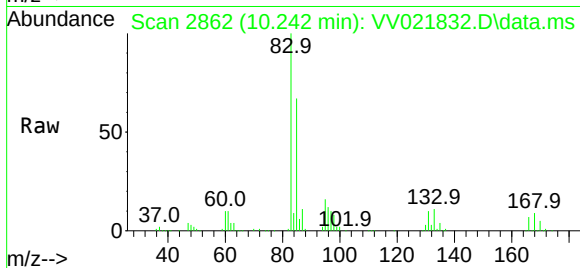




#57
 1,1,2,2-Tetrachloroethane
 Concen: 54.385 ug/L
 RT: 10.242 min Scan# 2862
 Delta R.T. -0.000 min
 Lab File: VV021832.D
 Acq: 17 Aug 2021 22:35

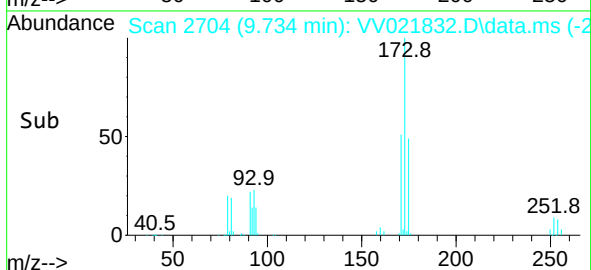
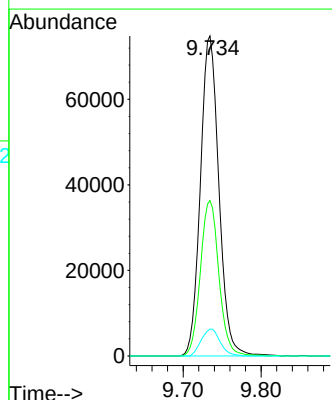
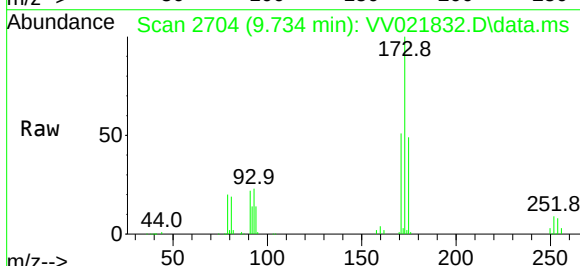
Instrument :
 MSVOA_V
 ClientSampleId :

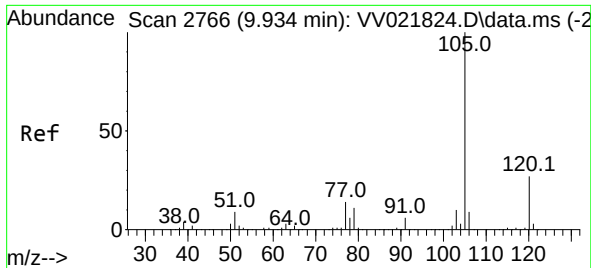
Tgt Ion:	83	Resp:	239225
Ion	Ratio	Lower	Upper
83	100		
85	66.7	44.4	82.5
131	10.2	7.9	11.9



#59
 Bromoform
 Concen: 49.479 ug/L
 RT: 9.734 min Scan# 2704
 Delta R.T. -0.000 min
 Lab File: VV021832.D
 Acq: 17 Aug 2021 22:35

Tgt Ion:	173	Resp:	123416
Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.6	58.0
254	8.6	7.2	10.8

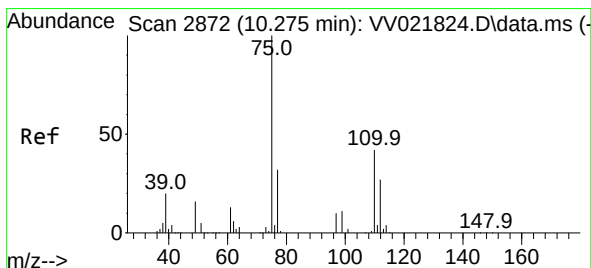
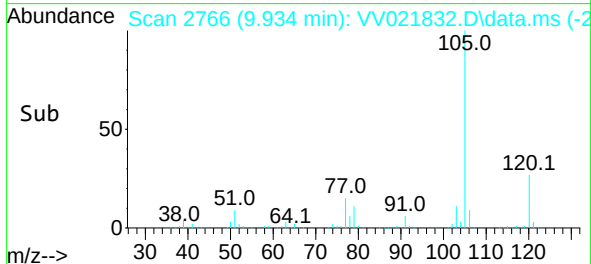
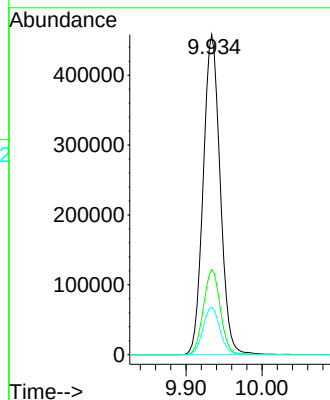
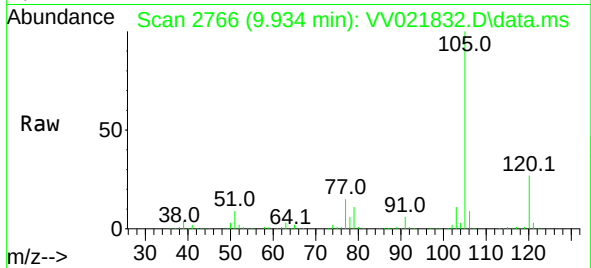




#60
Isopropylbenzene
Concen: 50.329 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

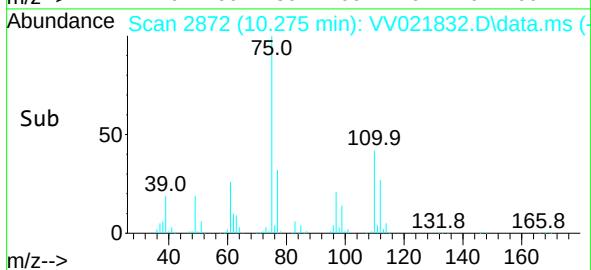
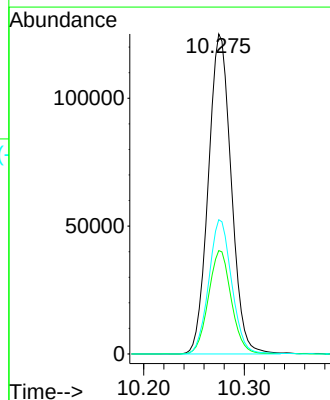
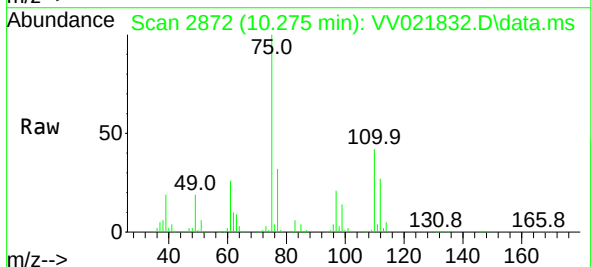
Instrument :
MSVOA_V
ClientSampleId :

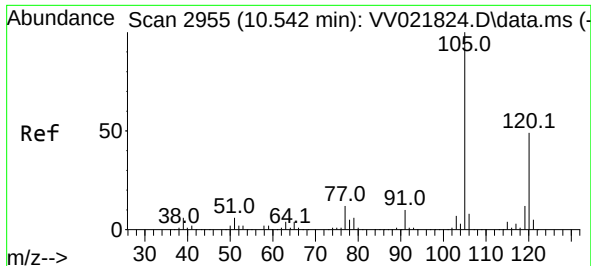
Tgt Ion:105 Resp: 707987
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 14.9 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 51.005 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Tgt Ion: 75 Resp: 197776
Ion Ratio Lower Upper
75 100
77 32.4 25.5 38.3
110 42.1 33.4 50.2

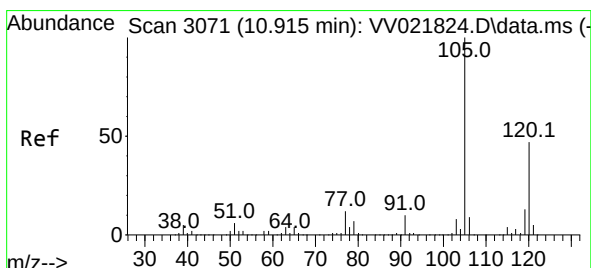
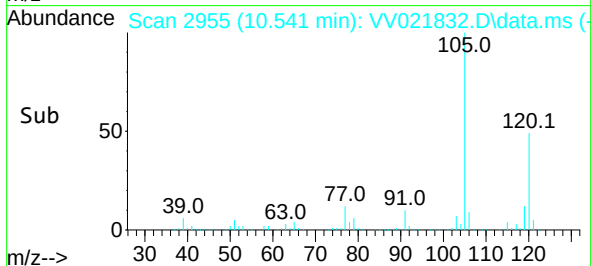
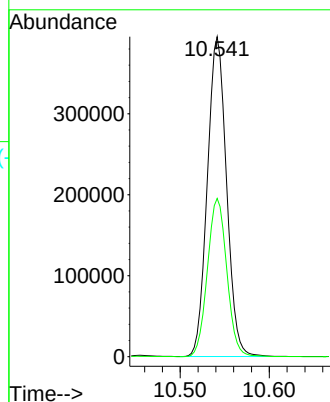
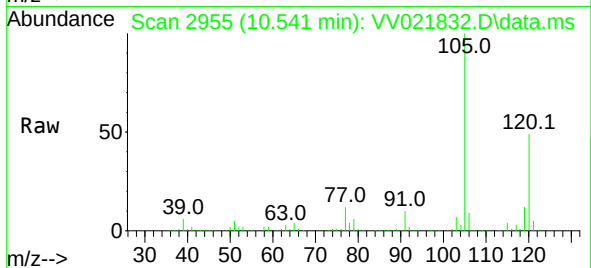




#62
1,3,5-Trimethylbenzene
Concen: 50.035 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

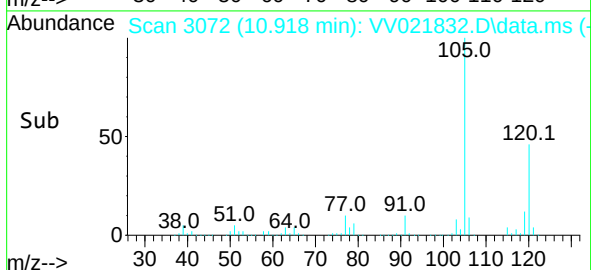
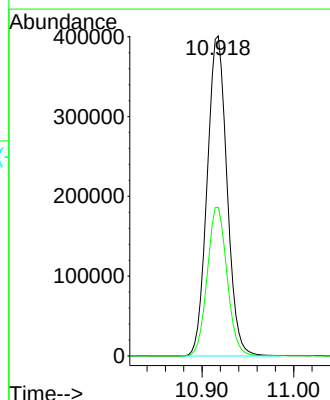
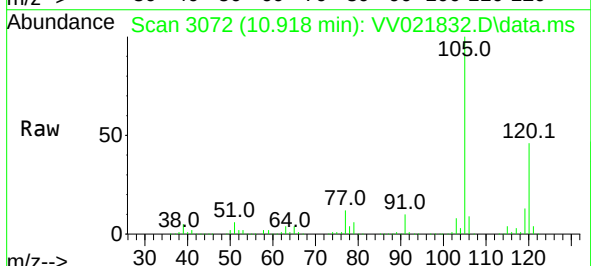
Instrument :
MSVOA_V
ClientSampled :

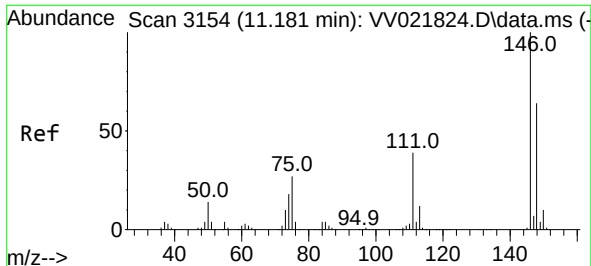
Tgt Ion:105 Resp: 590663
Ion Ratio Lower Upper
105 100
120 50.0 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 50.291 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Tgt Ion:105 Resp: 603633
Ion Ratio Lower Upper
105 100
120 46.4 37.3 55.9

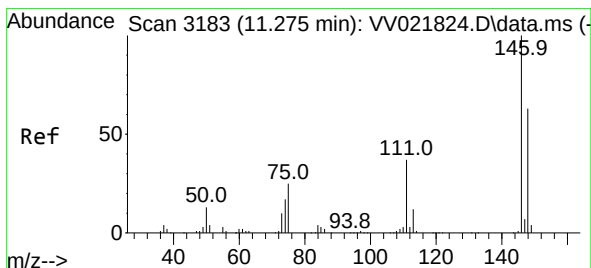
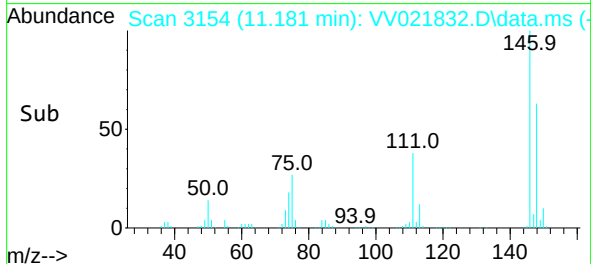
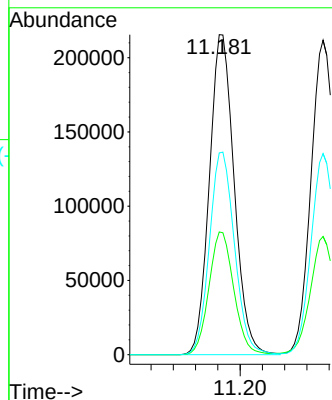
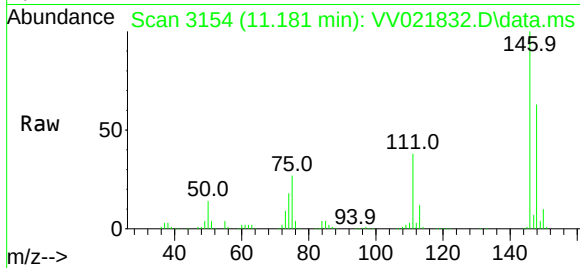




#64
1,3-Dichlorobenzene
Concen: 48.951 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

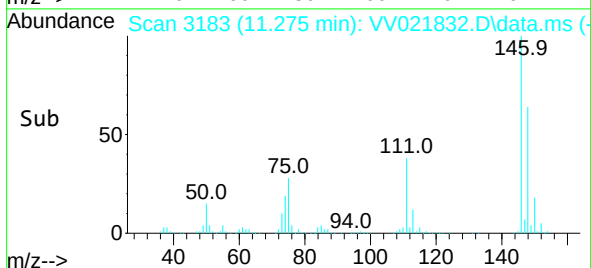
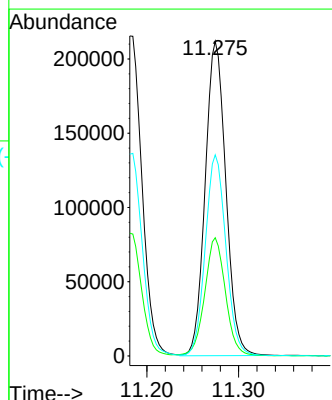
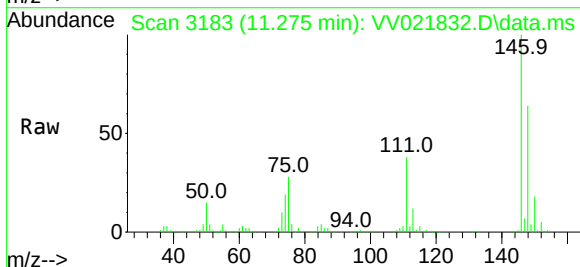
Instrument :
MSVOA_V
ClientSampleId :

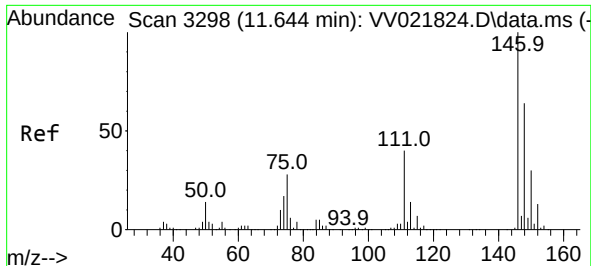
Tgt Ion:146 Resp: 333472
Ion Ratio Lower Upper
146 100
111 38.3 26.5 49.1
148 63.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 48.669 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Tgt Ion:146 Resp: 330949
Ion Ratio Lower Upper
146 100
111 37.6 26.2 48.6
148 64.0 45.1 83.9

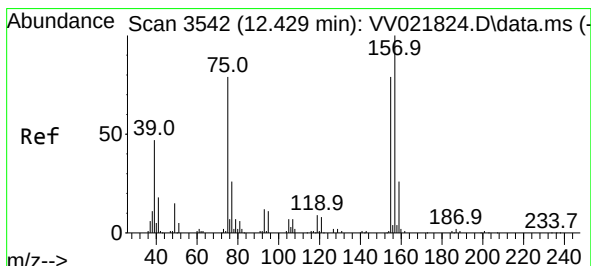
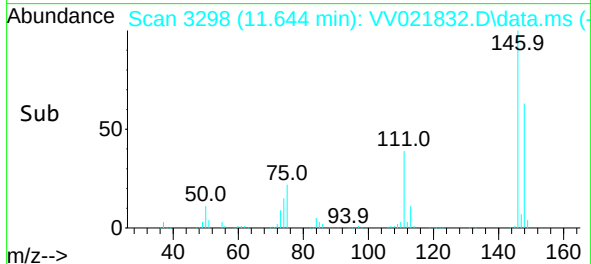
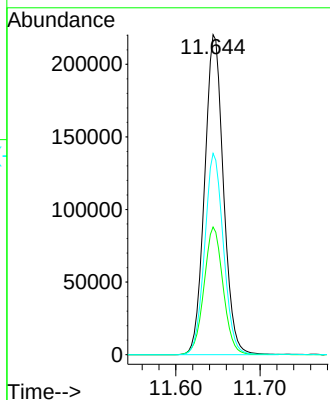
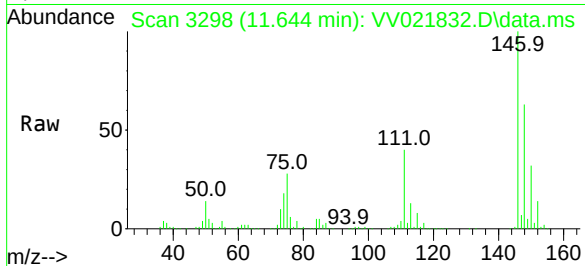




#67
1,2-Dichlorobenzene
Concen: 49.844 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

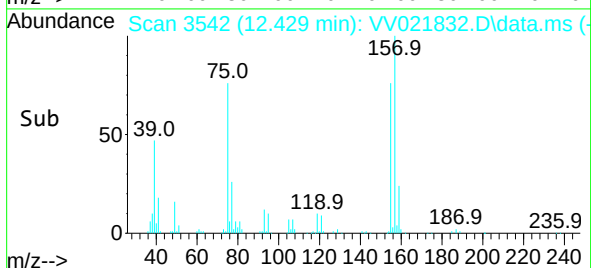
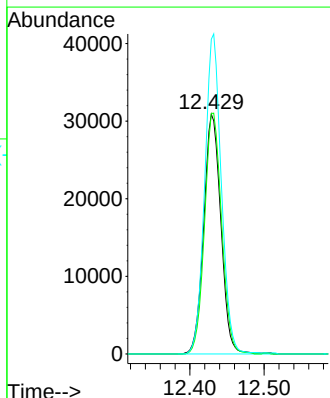
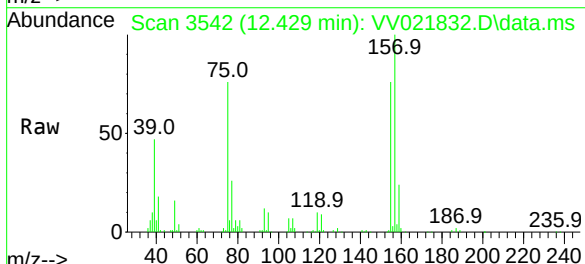
Instrument :
MSVOA_V
ClientSampleId :

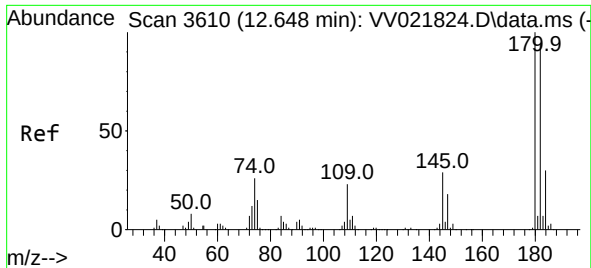
Tgt Ion:146 Resp: 342536
Ion Ratio Lower Upper
146 100
111 39.9 31.8 47.8
148 62.9 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 52.522 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Tgt Ion: 75 Resp: 49516
Ion Ratio Lower Upper
75 100
155 100.2 77.8 116.8
157 131.2 99.4 149.0

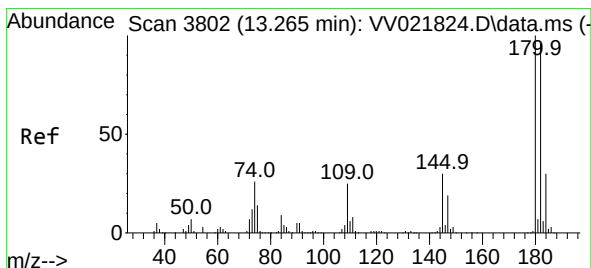
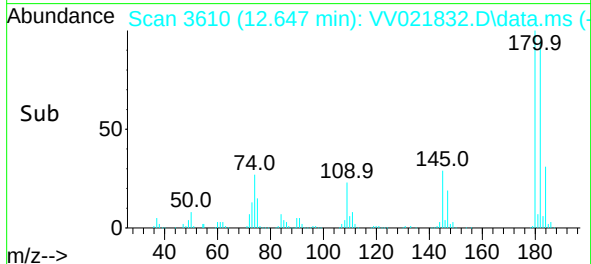
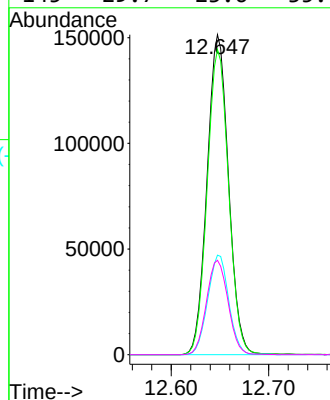
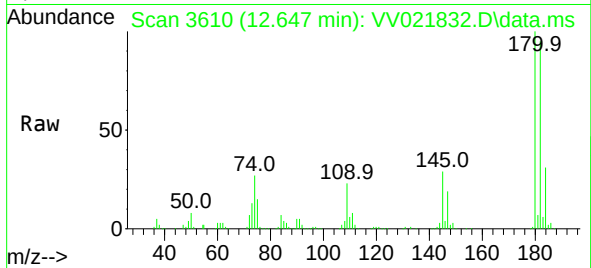




#69
1,3,5-Trichlorobenzene
Concen: 46.898 ug/L
RT: 12.647 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

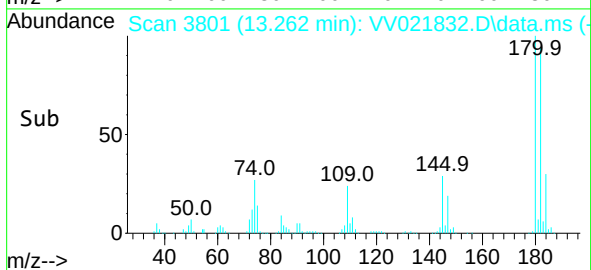
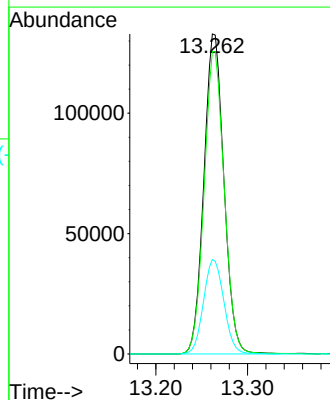
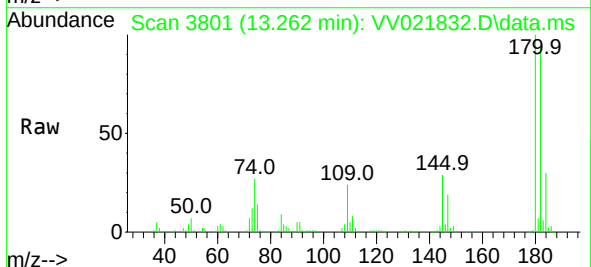
Instrument :
MSVOA_V
ClientSampleId :

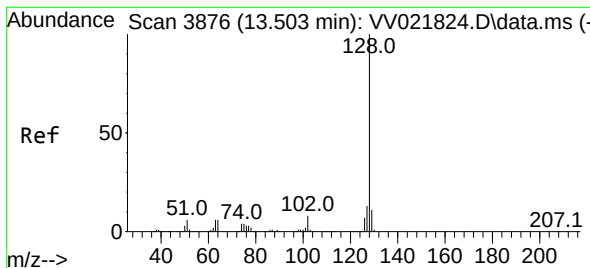
Tgt Ion:180 Resp: 231588
Ion Ratio Lower Upper
180 100
182 95.2 76.8 115.2
184 30.5 24.1 36.1
145 29.7 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 48.710 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.003 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

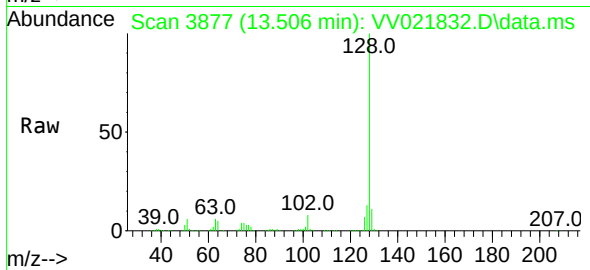
Tgt Ion:180 Resp: 201732
Ion Ratio Lower Upper
180 100
182 95.0 75.8 113.6
145 30.0 23.9 35.9



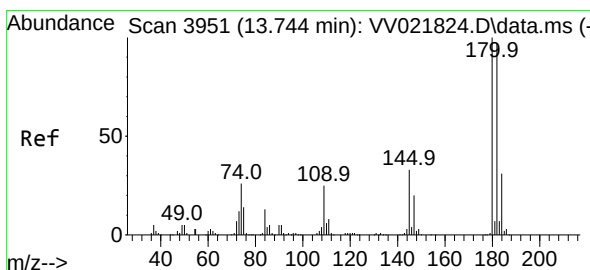
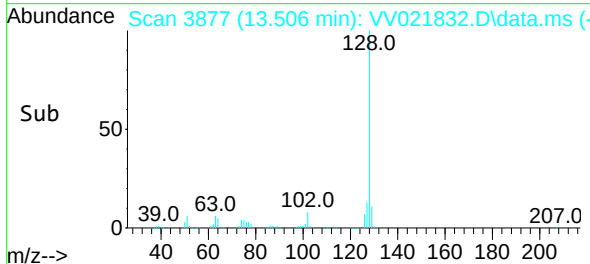
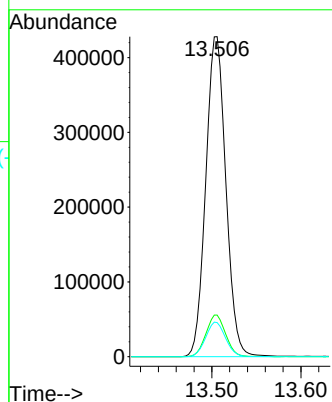


#71
Naphthalene
Concen: 55.738 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 670536
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.7 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 49.954 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV021832.D
Acq: 17 Aug 2021 22:35

Tgt Ion:180 Resp: 207833
Ion Ratio Lower Upper
180 100
182 95.5 76.2 114.2
145 31.9 25.6 38.4

