

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040121\
 Data File : VV020844.D
 Acq On : 01 Apr 2021 20:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 07:21:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 07:14:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	685281	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	682950	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	388667	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	182579	37.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.06%
7) Chloroethane-d5	1.571	69	153561	41.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.50%
11) 1,1-Dichloroethene-d2	2.111	63	399231	43.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.98%
21) 2-Butanone-d5	3.908	46	298073	94.17	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.17%
24) Chloroform-d	4.355	84	487378	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.037	65	319007	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.16%
32) Benzene-d6	5.056	84	860410	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.54%
36) 1,2-Dichloropropane-d6	6.076	67	253418	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.68%
41) Toluene-d8	7.320	98	825830	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%
43) trans-1,3-Dichloroprop...	7.625	79	138533	46.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.18%
47) 2-Hexanone-d5	8.092	63	233003	99.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.44%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	377010	46.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.62%
64) 1,2-Dichlorobenzene-d4	11.632	152	368084	48.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	281676	43.87	ug/L	98
3) Chloromethane	1.243	50	191201	37.30	ug/L	97
5) Vinyl chloride	1.310	62	212497	40.59	ug/L	99
6) Bromomethane	1.523	94	152373	46.16	ug/L	99
8) Chloroethane	1.587	64	129717	42.89	ug/L	98
9) Trichlorofluoromethane	1.754	101	432165	48.29	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	207213	48.17	ug/L	95
12) 1,1-Dichloroethene	2.121	96	188445	47.12	ug/L	88
13) Acetone	2.204	43	182727	80.95	ug/L	99
14) Carbon disulfide	2.294	76	539489	40.80	ug/L	99
15) Methyl Acetate	2.442	43	200761	42.61	ug/L	92
16) Methylene chloride	2.510	84	223897	45.91	ug/L	92
17) trans-1,2-Dichloroethene	2.764	96	209850	45.76	ug/L	98
18) Methyl tert-butyl Ether	2.773	73	687508	48.35	ug/L	98
19) 1,1-Dichloroethane	3.195	63	384070	45.08	ug/L	99
20) cis-1,2-Dichloroethene	3.918	96	270056	55.04	ug/L	94
22) 2-Butanone	3.989	43	281453	85.19	ug/L	96
23) Bromochloromethane	4.256	128	133967	50.72	ug/L	85
25) Chloroform	4.381	83	443842	48.98	ug/L	100

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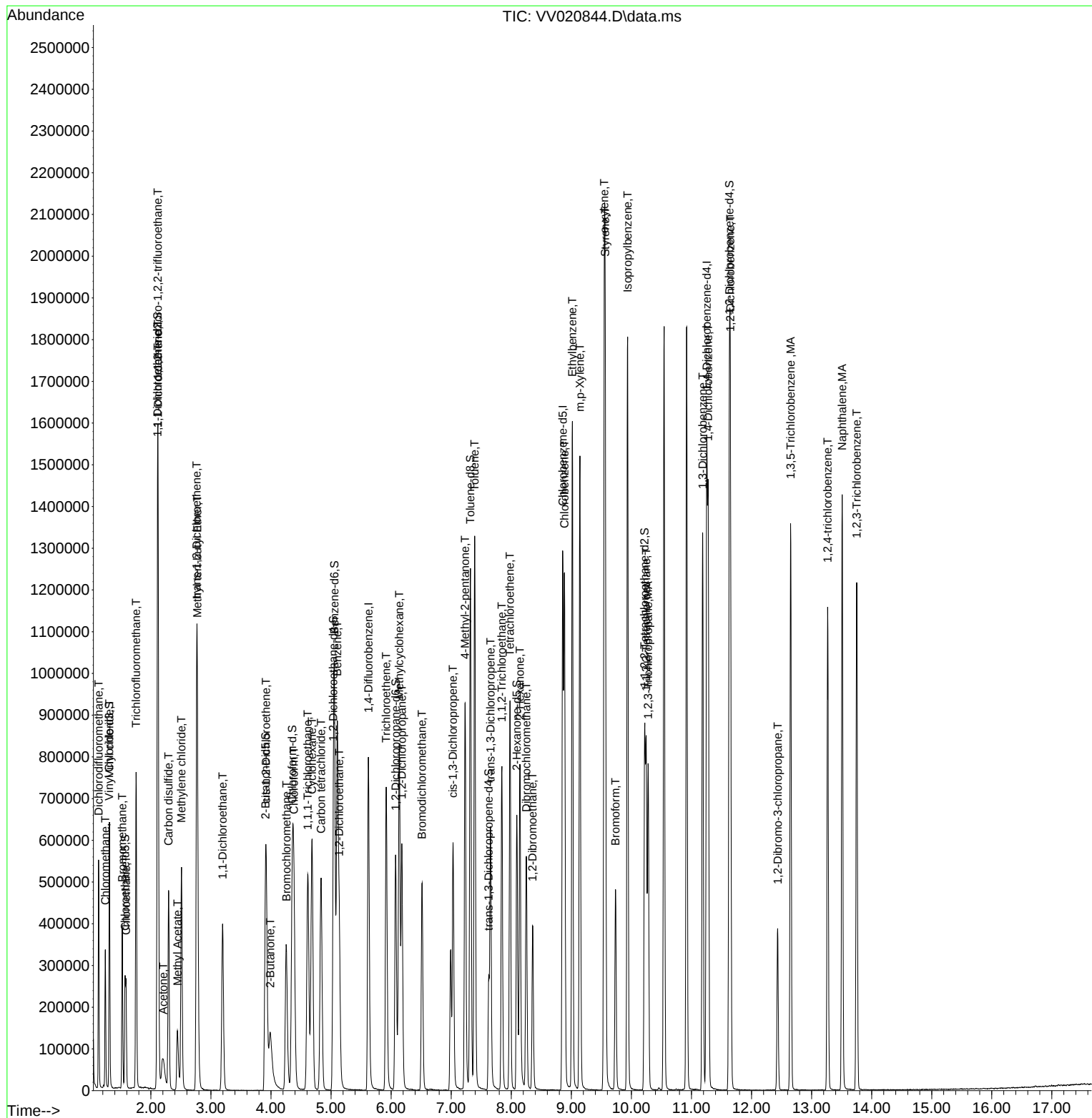
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	350512	48.42	ug/L	98
29) Cyclohexane	4.683	56	316433	40.96	ug/L	92
30) 1,1,1-Trichloroethane	4.613	97	430162	50.93	ug/L	98
31) Carbon tetrachloride	4.834	117	389842	51.68	ug/L	99
33) Benzene	5.105	78	867061	46.03	ug/L	100
34) Trichloroethene	5.918	95	248255	48.08	ug/L	98
35) Methylcyclohexane	6.137	83	349100	44.06	ug/L	96
37) 1,2-Dichloropropane	6.178	63	211732	42.86	ug/L	100
38) Bromodichloromethane	6.513	83	333502	48.07	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	343103	44.99	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	572935	86.49	ug/L	95
42) Toluene	7.391	91	959625	46.87	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	355924	46.35	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	232308	47.80	ug/L	95
46) Tetrachloroethene	7.979	164	210310	48.79	ug/L	99
48) 2-Hexanone	8.143	43	459568	90.88	ug/L	98
49) Dibromochloromethane	8.249	129	284092	50.19	ug/L	100
50) 1,2-Dibromoethane	8.355	107	251185	48.26	ug/L #	99
51) Chlorobenzene	8.886	112	639713	46.55	ug/L	99
52) Ethylbenzene	9.018	91	1089923	46.65	ug/L	100
53) m,p-Xylene	9.143	106	416665	47.94	ug/L	100
54) o-xylene	9.548	106	405597	48.42	ug/L	99
55) Styrene	9.564	104	713322	48.47	ug/L	99
56) Isopropylbenzene	9.937	105	1124843	48.76	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	351253	44.31	ug/L	96
59) 1,2,3-Trichloropropane	10.278	75	304929	47.27	ug/L	99
61) Bromoform	9.738	173	220162	49.89	ug/L	99
62) 1,3-Dichlorobenzene	11.188	146	538682	45.42	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	555258	45.01	ug/L	99
65) 1,2-Dichlorobenzene	11.648	146	553744	47.37	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	91993	46.55	ug/L	89
67) 1,3,5-Trichlorobenzene	12.651	180	423032	46.01	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	357373	45.84	ug/L	100
69) Naphthalene	13.509	128	1084790	48.62	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	369985	47.40	ug/L	98

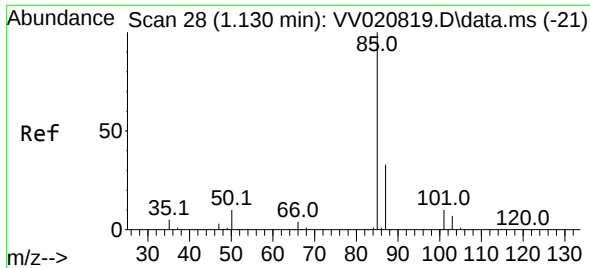
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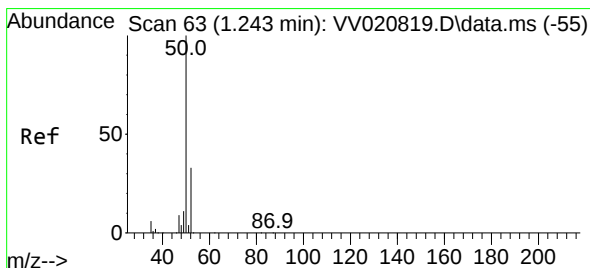
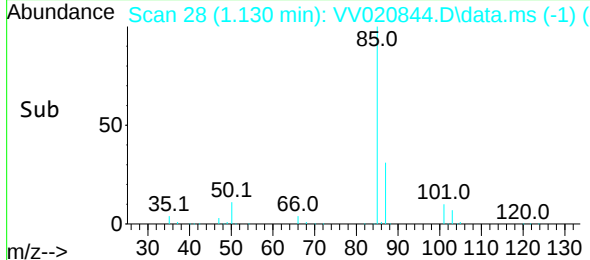
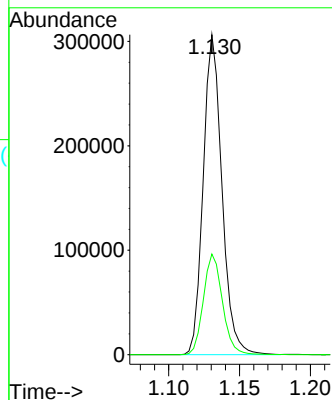
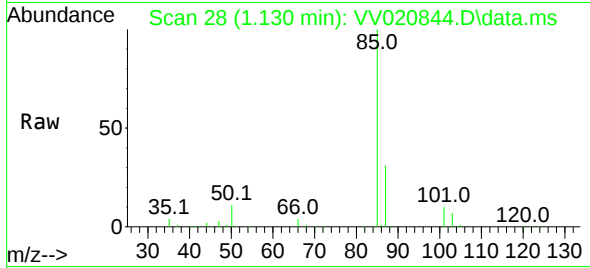




#2
 Dichlorodifluoromethane
 Concen: 43.87 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV020844.D
 Acq: 01 Apr 2021 20:58

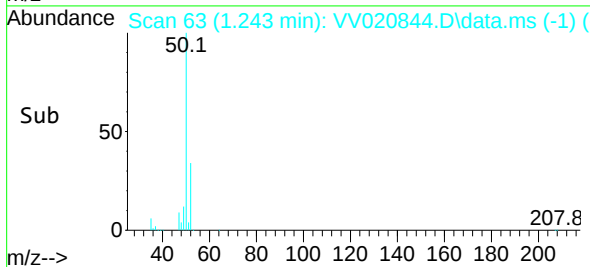
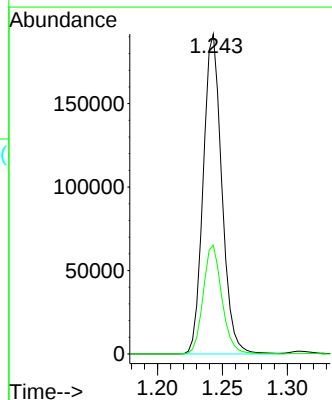
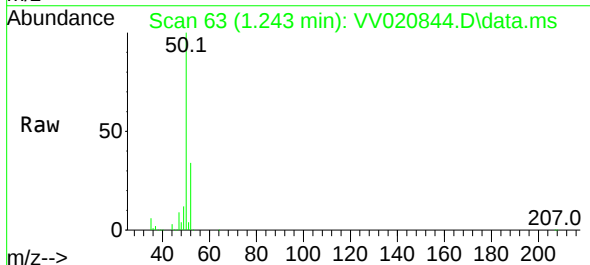
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 MSVOA_V
 ClientSampled :

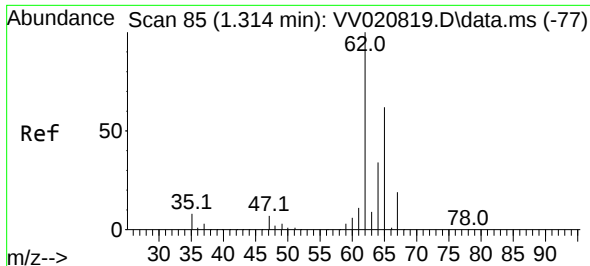
Tgt Ion: 85 Resp: 281676
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.3 39.5



#3
 Chloromethane
 Concen: 37.30 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV020844.D
 Acq: 01 Apr 2021 20:58

Tgt Ion: 50 Resp: 191201
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.7 42.1

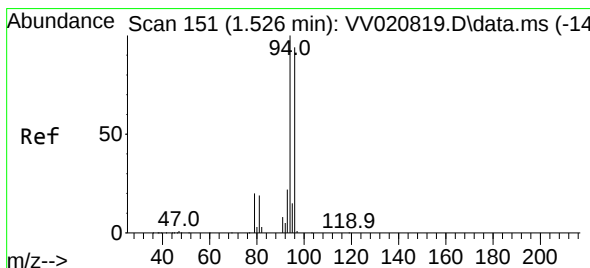
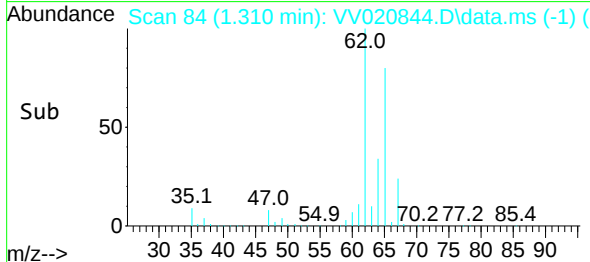
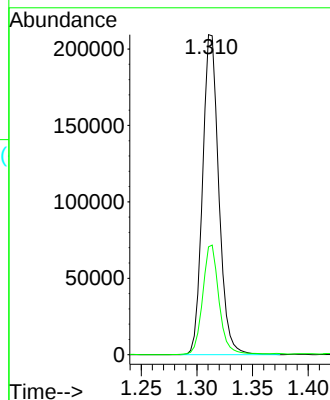
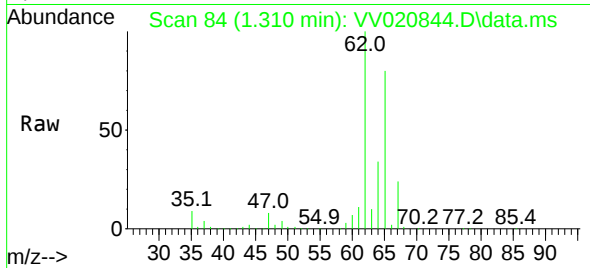




#5
 Vinyl chloride
 Concen: 40.59 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV020844.D
 Acq: 01 Apr 2021 20:58

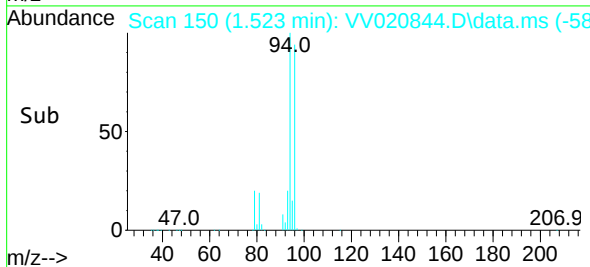
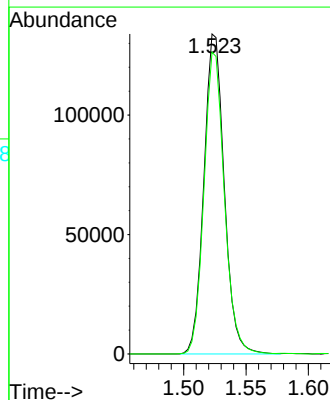
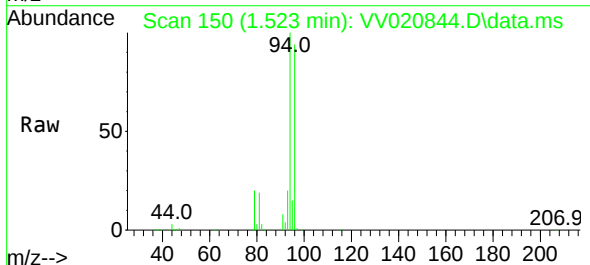
Instrument :
 MSVOA_V
 ClientSampled :

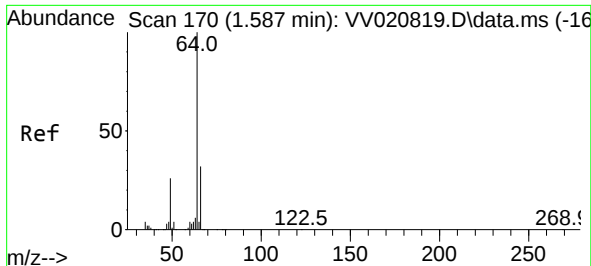
Tgt Ion: 62 Resp: 212497
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.3 43.3



#6
 Bromomethane
 Concen: 46.16 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV020844.D
 Acq: 01 Apr 2021 20:58

Tgt Ion: 94 Resp: 152373
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.6 121.8

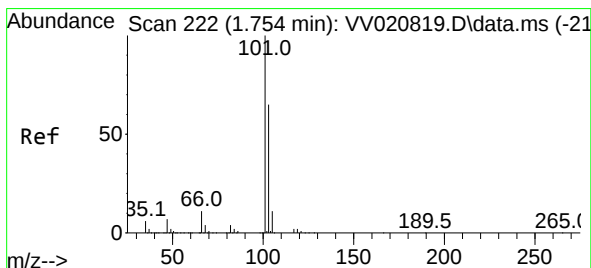
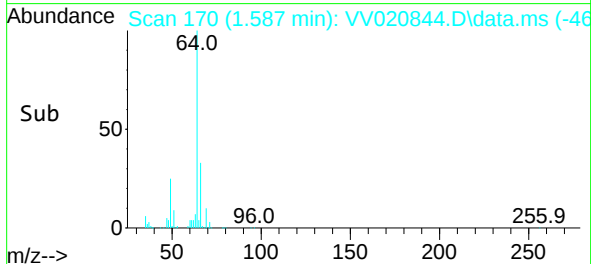
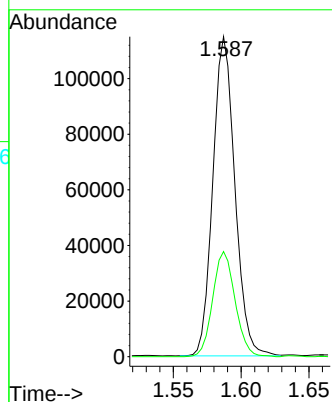
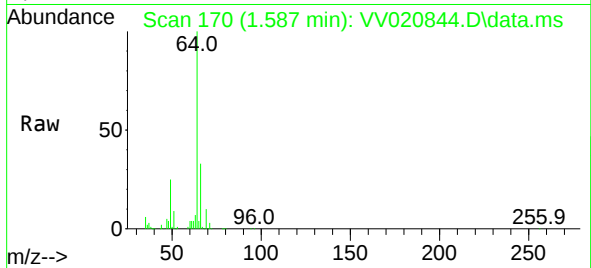




#8
Chloroethane
Concen: 42.89 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

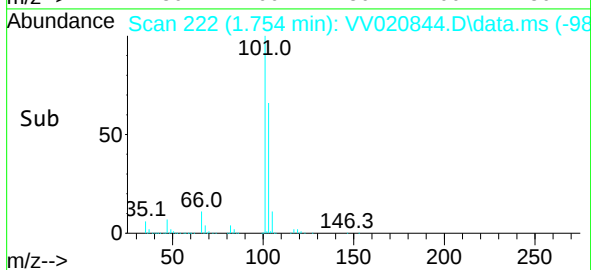
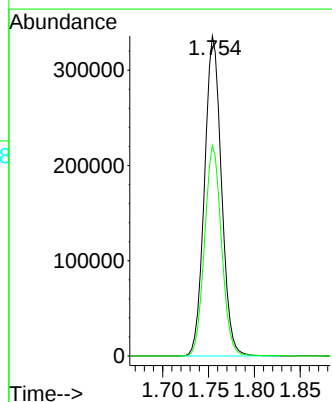
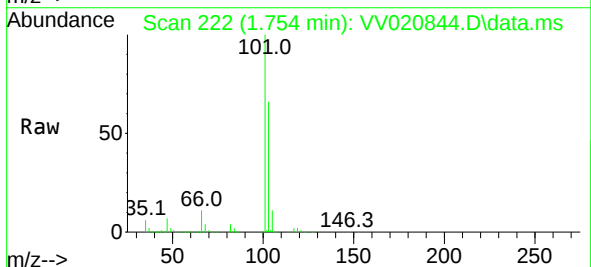
Instrument :
MSVOA_V
ClientSampled :

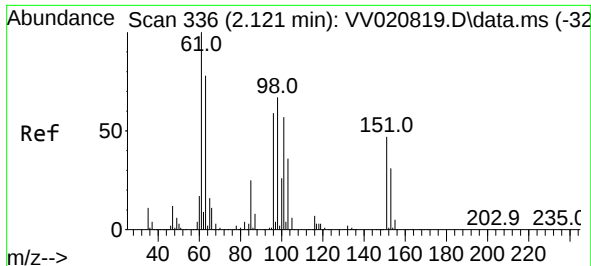
Tgt Ion: 64 Resp: 129717
Ion Ratio Lower Upper
64 100
66 32.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 48.29 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

Tgt Ion: 101 Resp: 432165
Ion Ratio Lower Upper
101 100
103 65.7 51.2 76.8





#10

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

Concen: 48.17 ug/L

RT: 2.118 min Scan# 335

Delta R.T. -0.003 min

Lab File: VV020844.D

Acq: 01 Apr 2021 20:58

Instrument :
MSVOA_V
ClientSampleId :

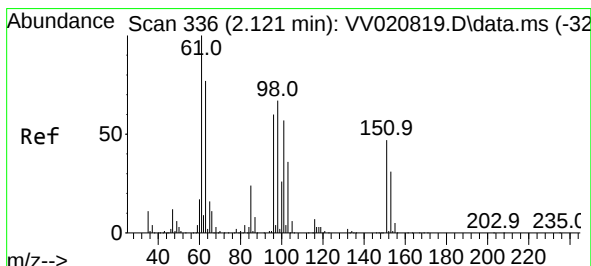
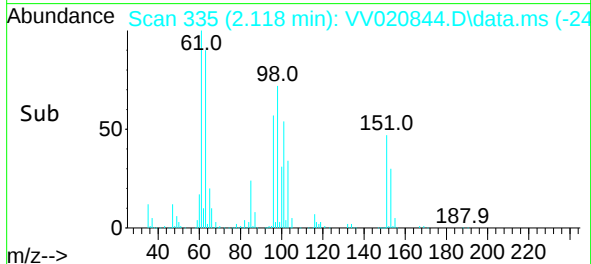
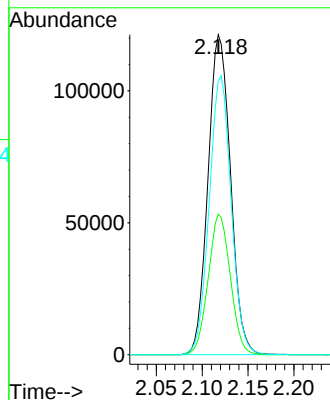
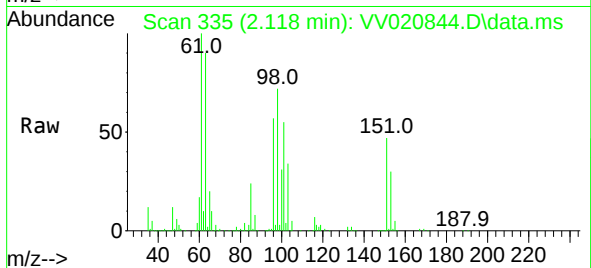
Tgt Ion:101 Resp: 207213

Ion Ratio Lower Upper

101 100

85 43.0 35.4 53.0

151 85.3 63.5 95.3



#12

1,1-Dichloroethene

Concen: 47.12 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.000 min

Lab File: VV020844.D

Acq: 01 Apr 2021 20:58

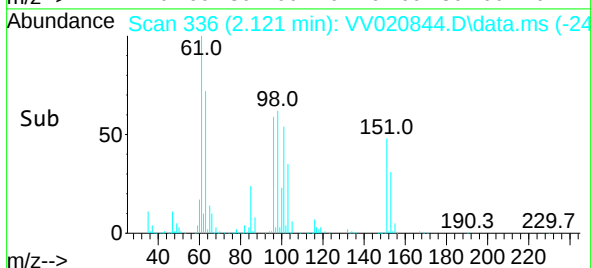
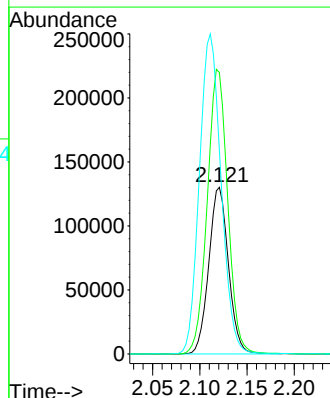
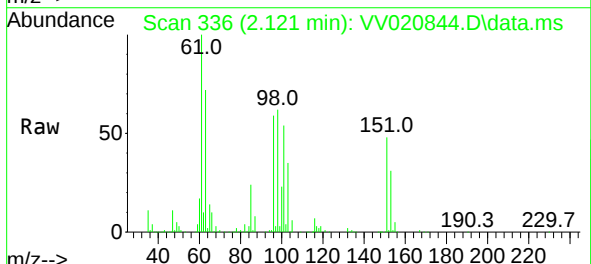
Tgt Ion: 96 Resp: 188445

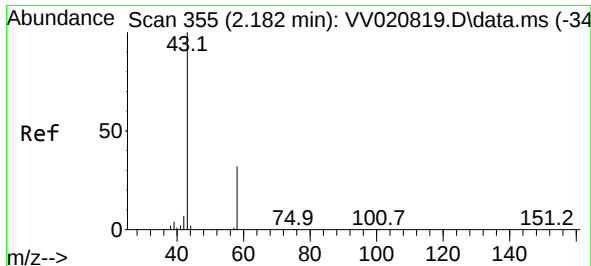
Ion Ratio Lower Upper

96 100

61 168.8 126.3 234.6

63 121.9 100.2 186.2

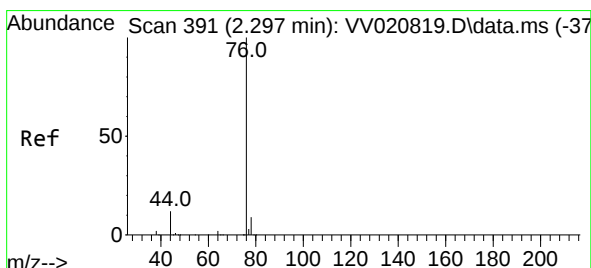
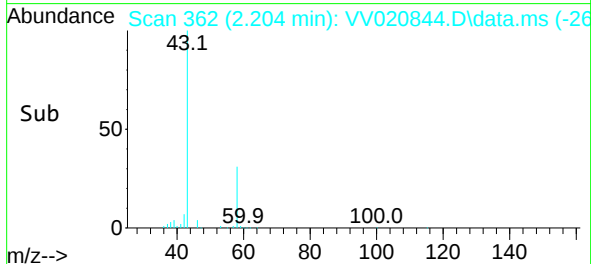
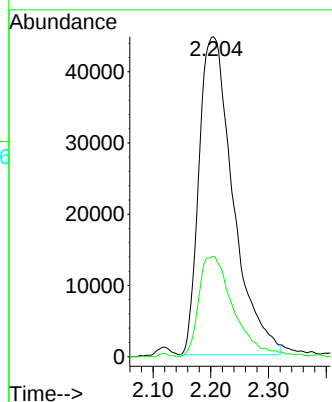
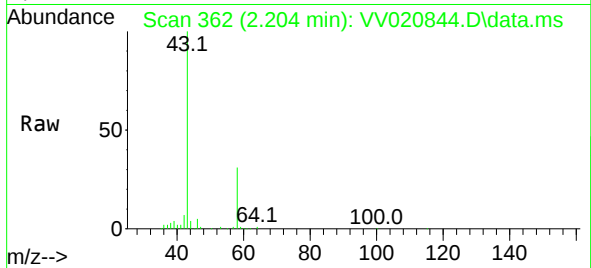




#13
Acetone
Concen: 80.95 ug/L
RT: 2.204 min Scan# 362
Delta R.T. 0.023 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

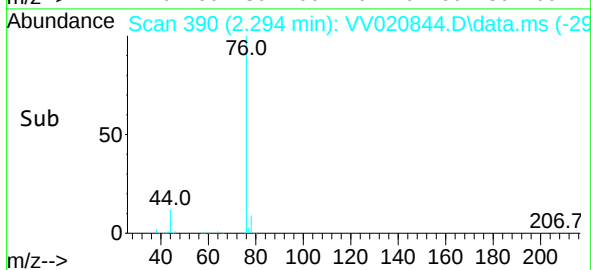
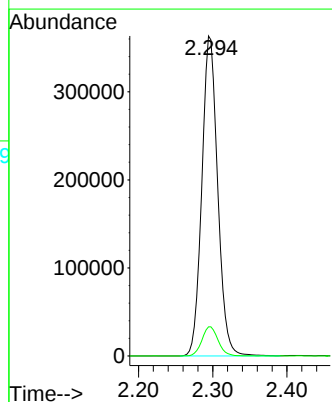
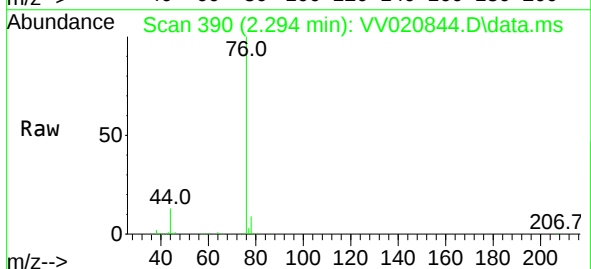
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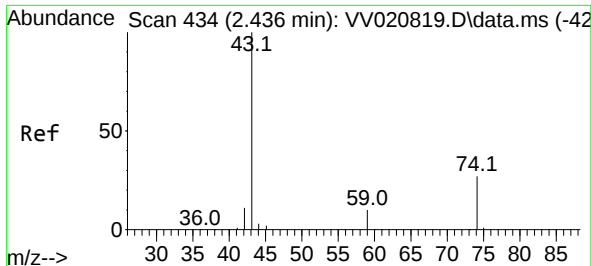
Tgt Ion: 43 Resp: 182727
Ion Ratio Lower Upper
43 100
58 31.0 0.0 60.8



#14
Carbon disulfide
Concen: 40.80 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.003 min
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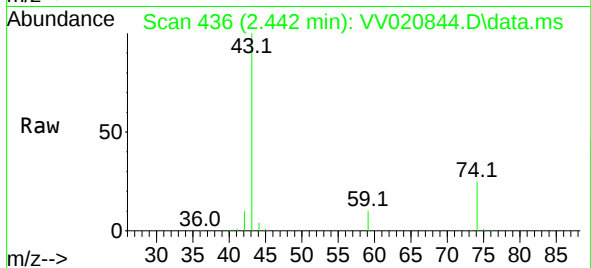
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Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



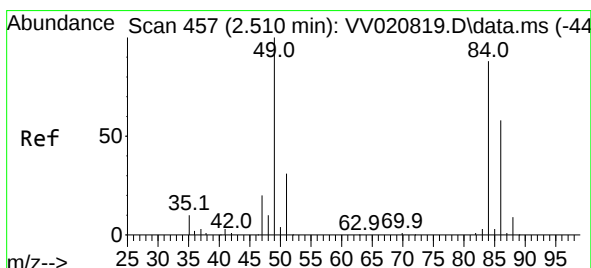
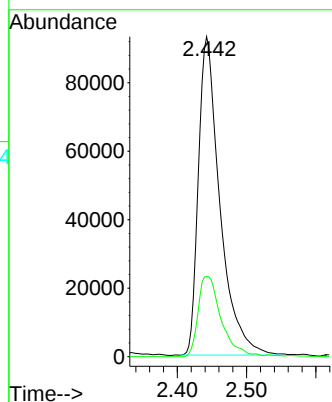
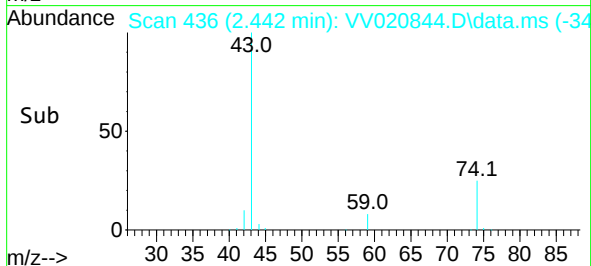


#15
Methyl Acetate
Concen: 42.61 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.007 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

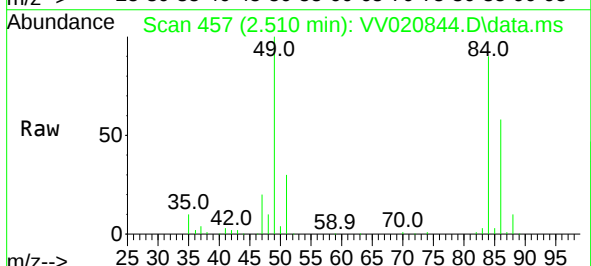
Instrument :
MSVOA_V
ClientSampled :



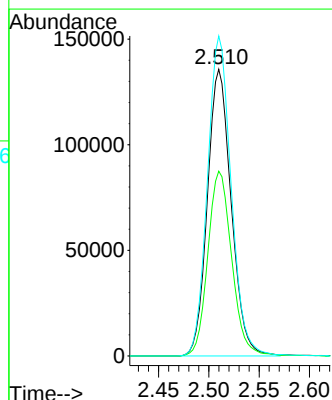
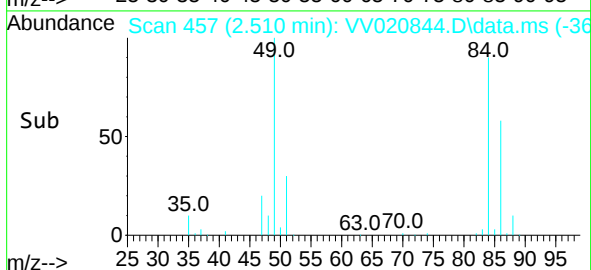
Tgt Ion: 43 Resp: 200761
Ion Ratio Lower Upper
43 100
74 26.7 18.4 27.6

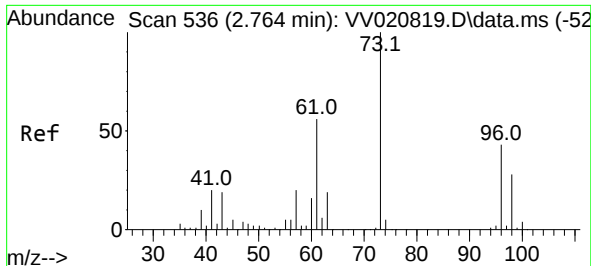


#16
Methylene chloride
Concen: 45.91 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58



Tgt Ion: 84 Resp: 223897
Ion Ratio Lower Upper
84 100
86 64.4 43.9 81.5
49 111.6 86.3 160.3



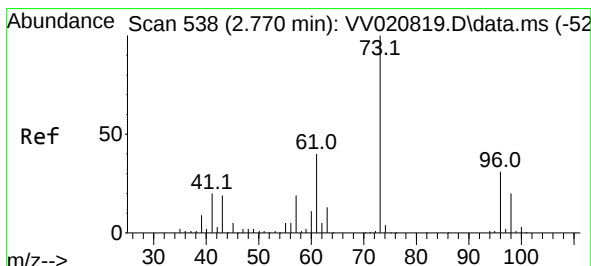
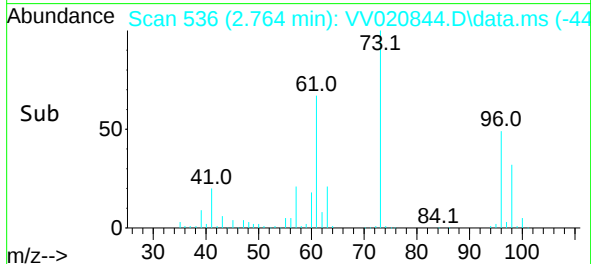
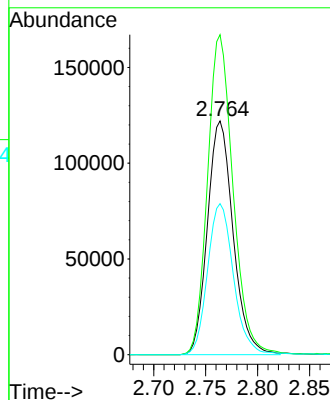
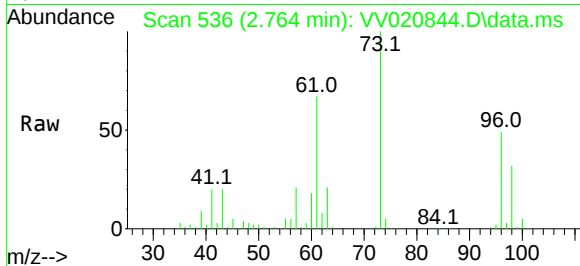


#17
 trans-1,2-Dichloroethene
 Concen: 45.76 ug/L
 RT: 2.764 min Scan# 536
 Delta R.T. 0.000 min
 Lab File: VV020844.D
 Acq: 01 Apr 2021 20:58

Instrument :
 MSVOA_V
 ClientSampled :

Tgt Ion: 96 Resp: 209850

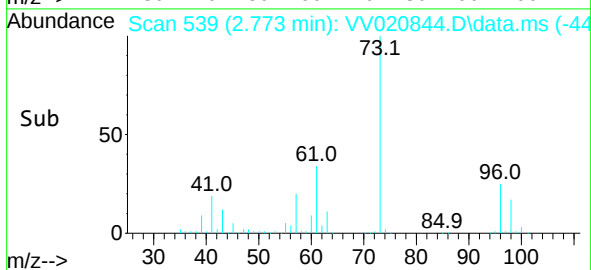
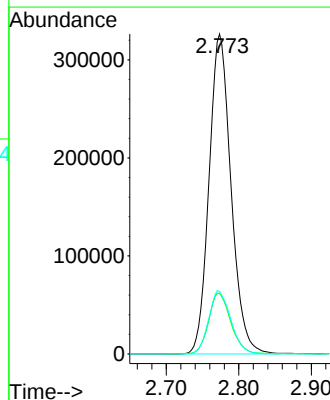
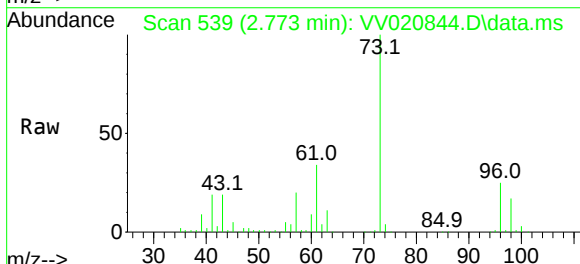
Ion	Ratio	Lower	Upper
96	100		
61	136.9	97.9	181.9
98	64.6	43.9	81.5

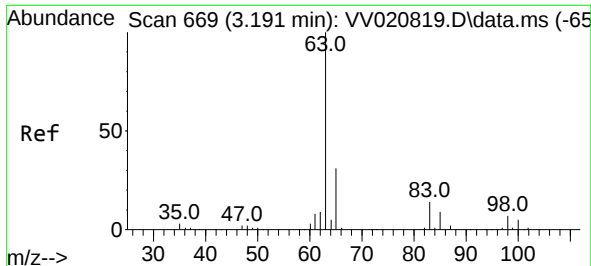


#18
 Methyl tert-butyl Ether
 Concen: 48.35 ug/L
 RT: 2.773 min Scan# 539
 Delta R.T. 0.003 min
 Lab File: VV020844.D
 Acq: 01 Apr 2021 20:58

Tgt Ion: 73 Resp: 687508

Ion	Ratio	Lower	Upper
73	100		
43	18.9	15.4	23.0
57	19.9	17.0	25.6





#19

1,1-Dichloroethane

Concen: 45.08 ug/L

RT: 3.195 min Scan# 670

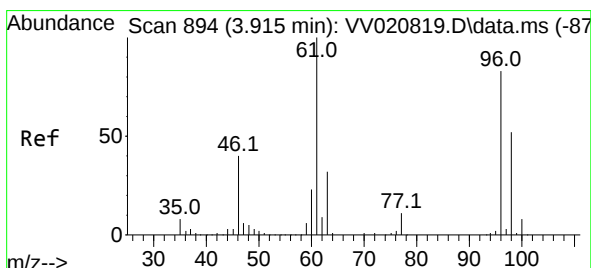
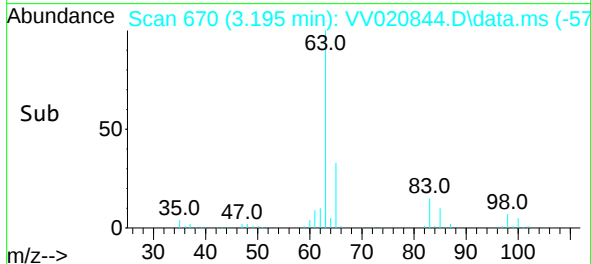
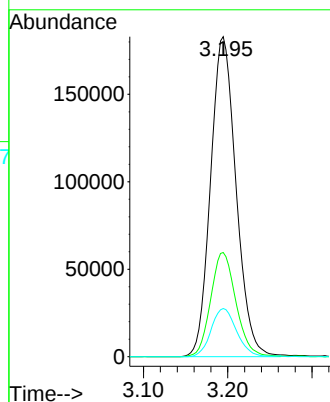
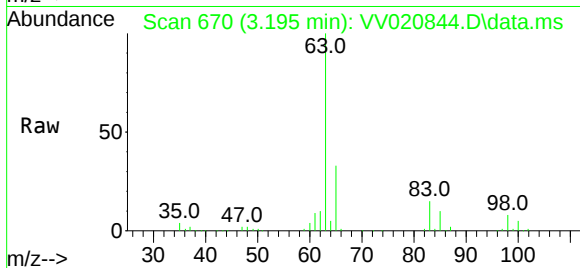
Delta R.T. 0.003 min

Lab File: VV020844.D

Acq: 01 Apr 2021 20:58

Tgt Ion: 63 Resp: 384070

Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.5	41.9
83	15.1	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 55.04 ug/L

RT: 3.918 min Scan# 895

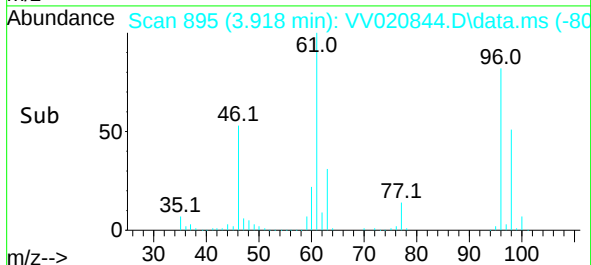
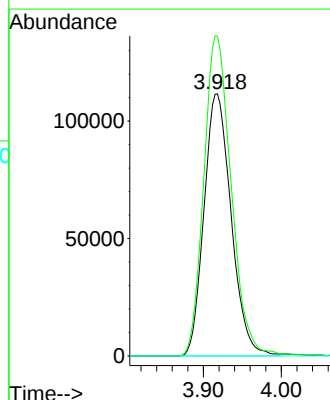
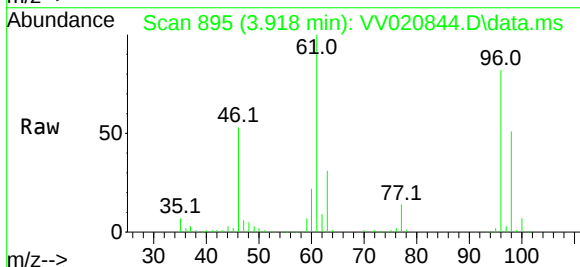
Delta R.T. 0.003 min

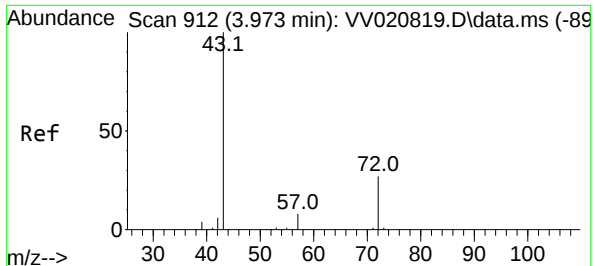
Lab File: VV020844.D

Acq: 01 Apr 2021 20:58

Tgt Ion: 96 Resp: 270056

Ion	Ratio	Lower	Upper
96	100		
61	122.0	89.9	167.0
68	0.0	0.0	0.0

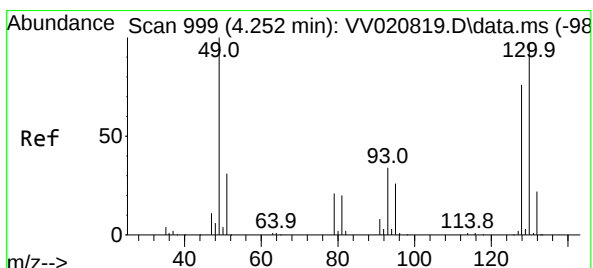
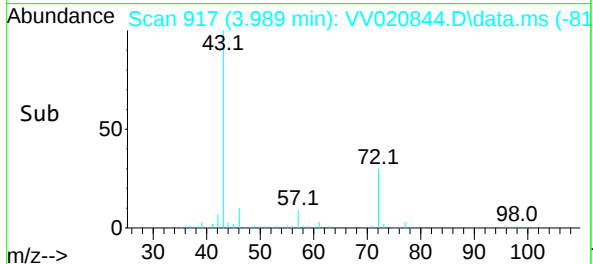
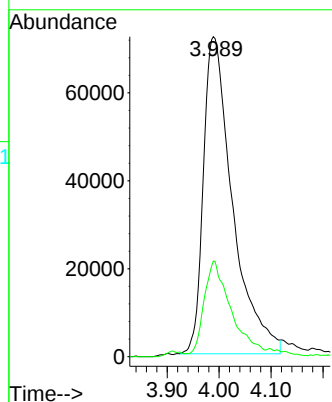
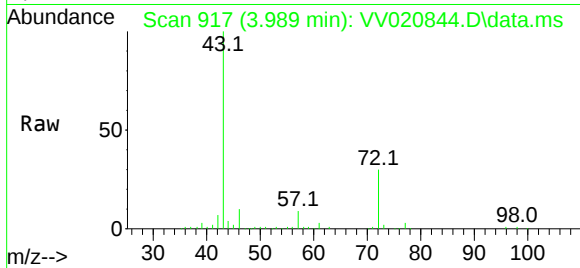




#22
2-Butanone
Concen: 85.19 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.016 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

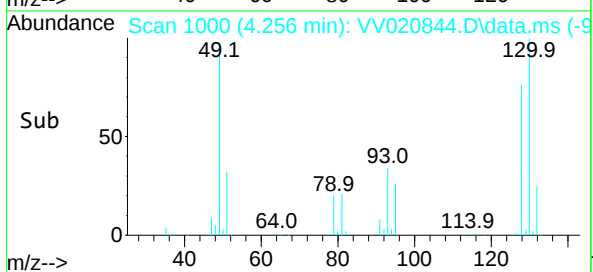
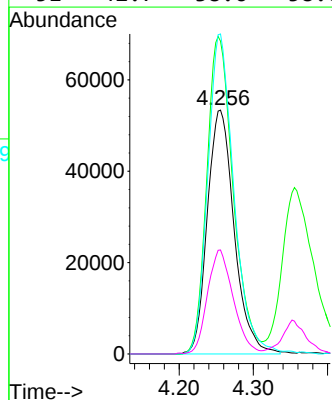
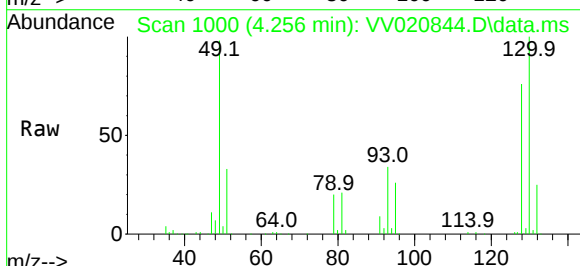
Instrument :
MSVOA_V
ClientSampled :

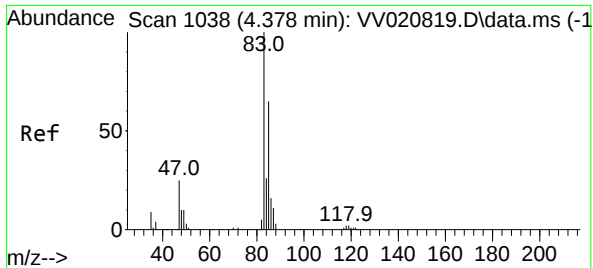
Tgt Ion: 43 Resp: 281453
Ion Ratio Lower Upper
43 100
72 26.1 11.9 35.9



#23
Bromochloromethane
Concen: 50.72 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

Tgt Ion:128 Resp: 133967
Ion Ratio Lower Upper
128 100
49 128.3 113.3 210.3
130 131.2 88.7 164.7
51 42.7 38.6 58.0

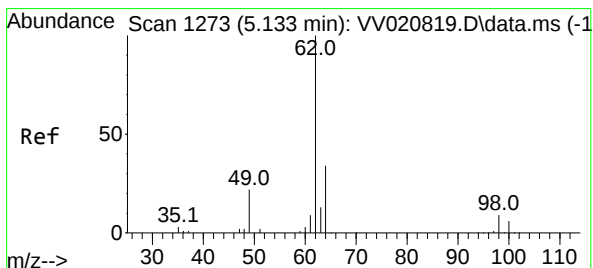
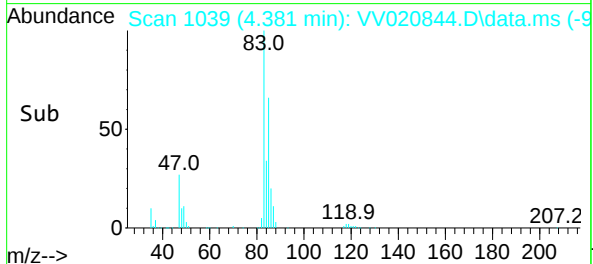
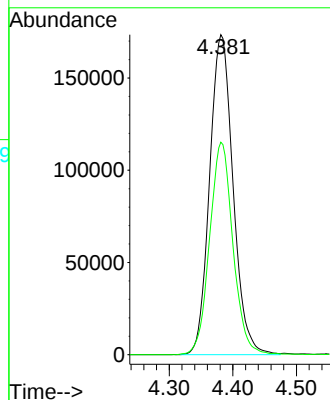
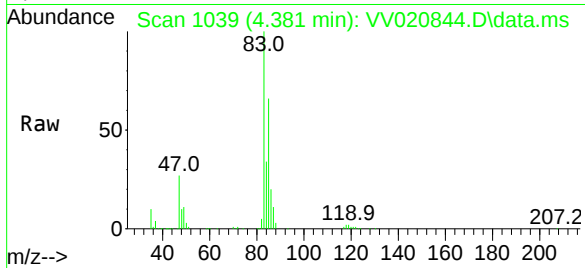




#25
Chloroform
Concen: 48.98 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

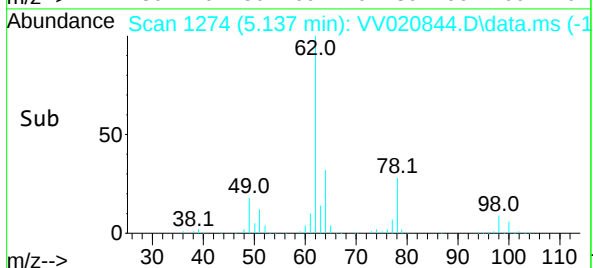
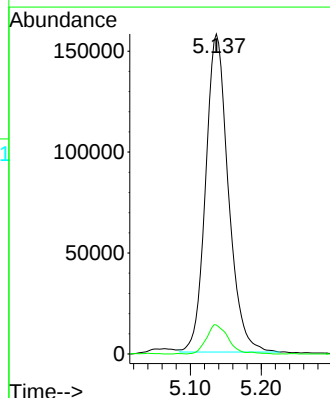
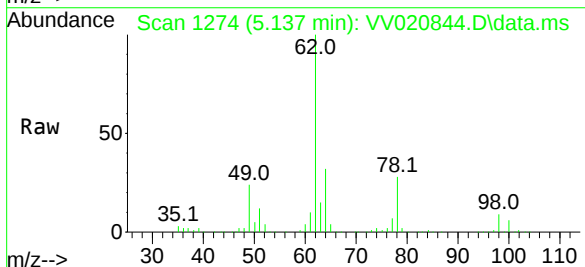
Instrument :
MSVOA_V
ClientSampled :

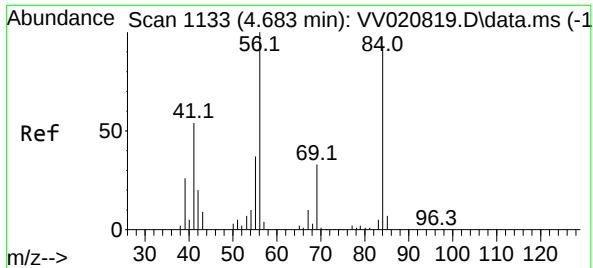
Tgt Ion: 83 Resp: 443842
Ion Ratio Lower Upper
83 100
85 66.4 46.7 86.7



#27
1,2-Dichloroethane
Concen: 48.42 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

Tgt Ion: 62 Resp: 350512
Ion Ratio Lower Upper
62 100
98 9.1 6.8 10.2





#29

Cyclohexane

Concen: 40.96 ug/L

RT: 4.683 min Scan# 1133

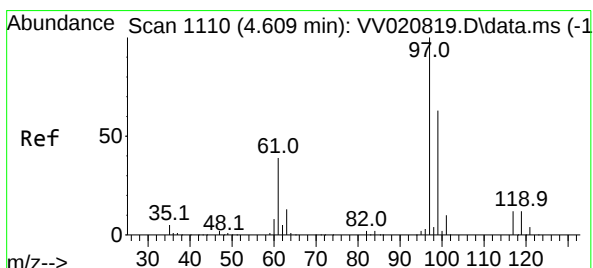
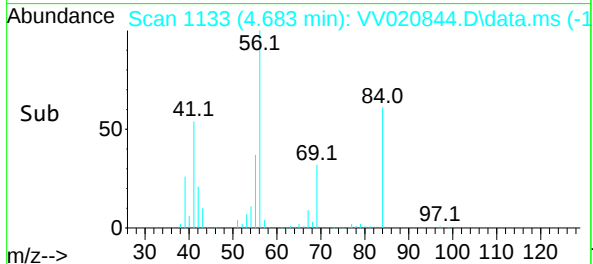
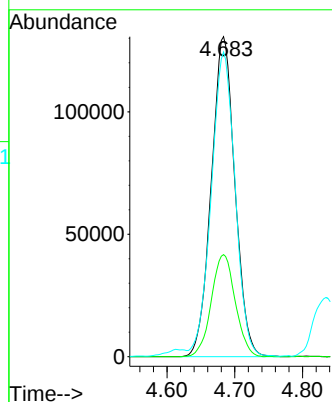
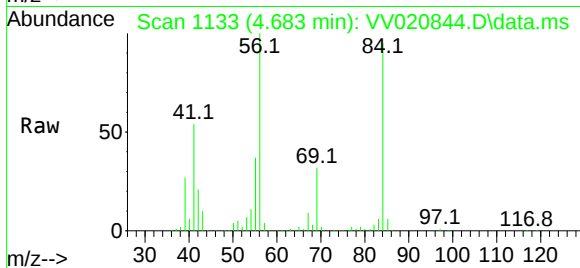
Delta R.T. 0.000 min

Lab File: VV020844.D

Acq: 01 Apr 2021 20:58

Tgt Ion: 56 Resp: 316433

Ion	Ratio	Lower	Upper
56	100		
69	32.3	24.4	36.6
84	96.2	69.9	104.9



#30

1,1,1-Trichloroethane

Concen: 50.93 ug/L

RT: 4.613 min Scan# 1111

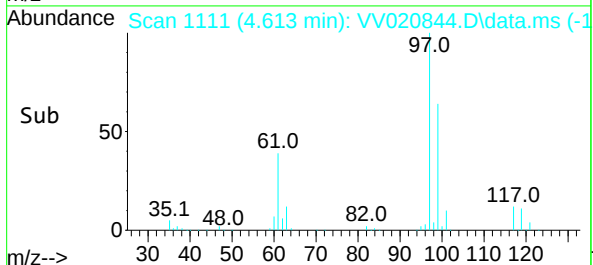
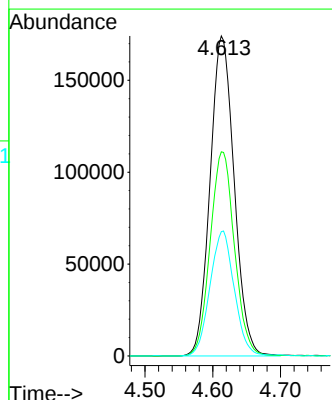
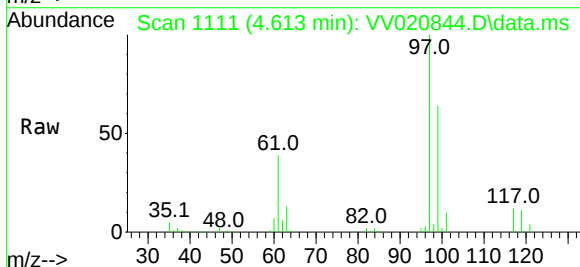
Delta R.T. 0.003 min

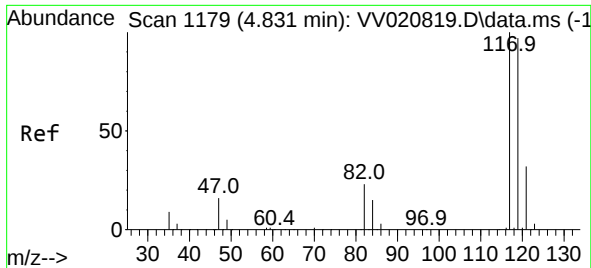
Lab File: VV020844.D

Acq: 01 Apr 2021 20:58

Tgt Ion: 97 Resp: 430162

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.2
61	39.4	33.9	50.9

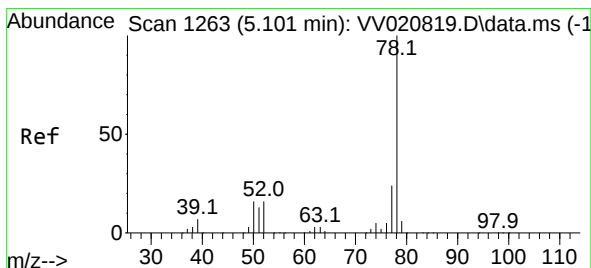
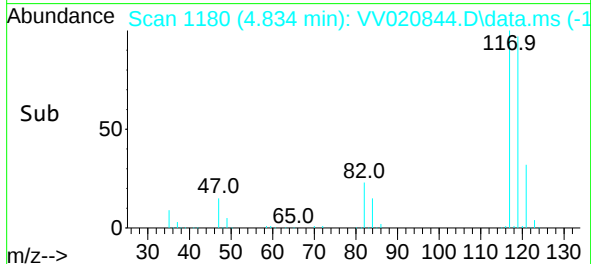
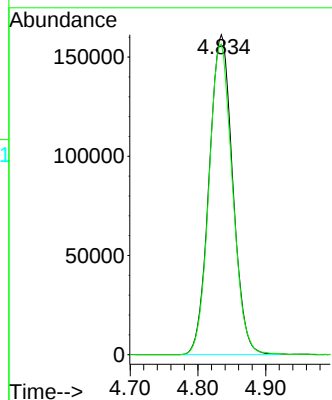
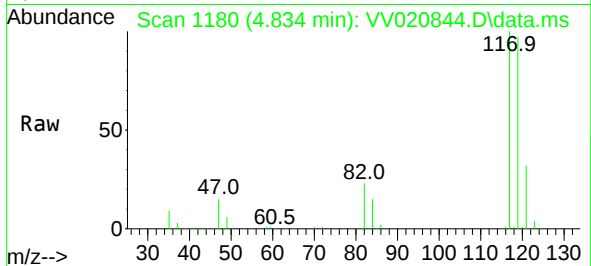




#31
Carbon tetrachloride
Concen: 51.68 ug/L
RT: 4.834 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

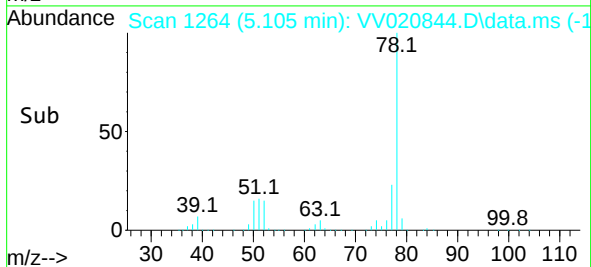
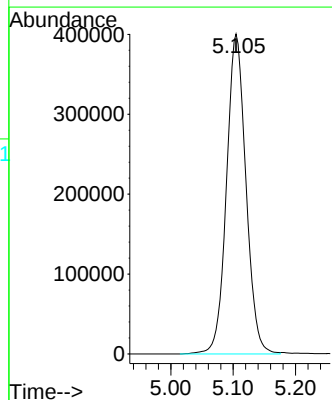
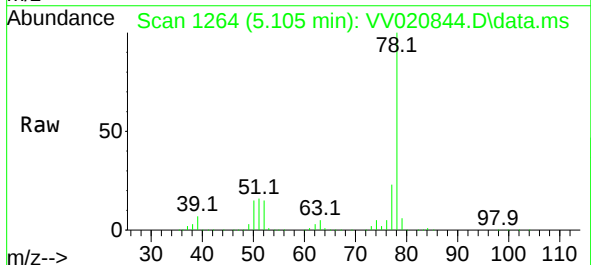
Instrument :
MSVOA_V
ClientSampled :

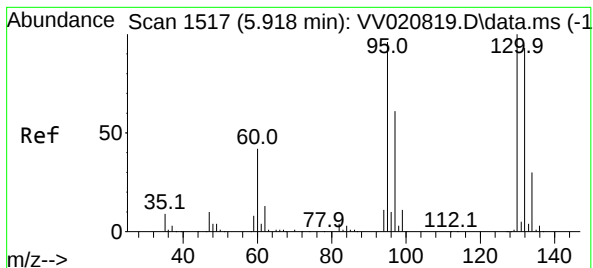
Tgt Ion:117 Resp: 389842
Ion Ratio Lower Upper
117 100
119 96.9 76.9 115.3



#33
Benzene
Concen: 46.03 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

Tgt Ion: 78 Resp: 867061





#34

Trichloroethene

Concen: 48.08 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VV020844.D

Acq: 01 Apr 2021 20:58

Tgt Ion: 95 Resp: 248255

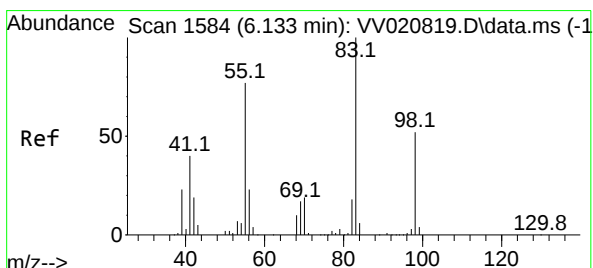
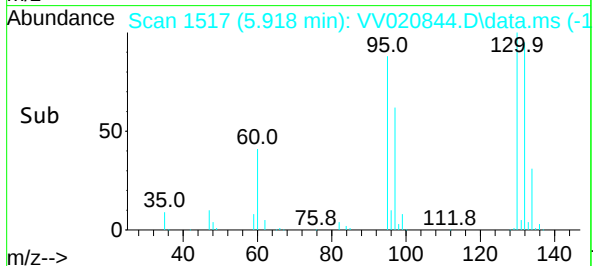
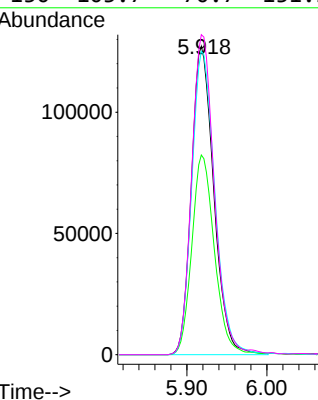
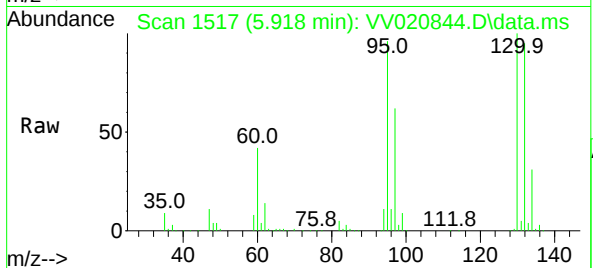
Ion Ratio Lower Upper

95 100

97 64.7 43.5 80.9

132 98.4 69.5 129.1

130 103.7 70.7 131.3



#35

Methylcyclohexane

Concen: 44.06 ug/L

RT: 6.137 min Scan# 1585

Delta R.T. 0.003 min

Lab File: VV020844.D

Acq: 01 Apr 2021 20:58

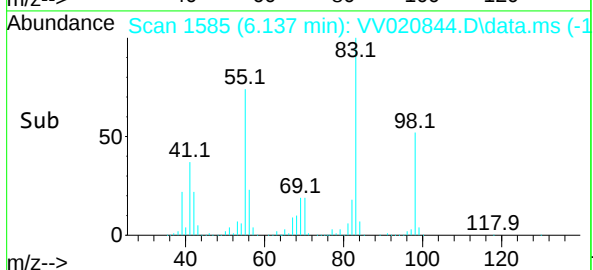
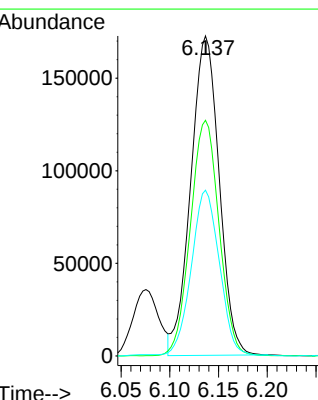
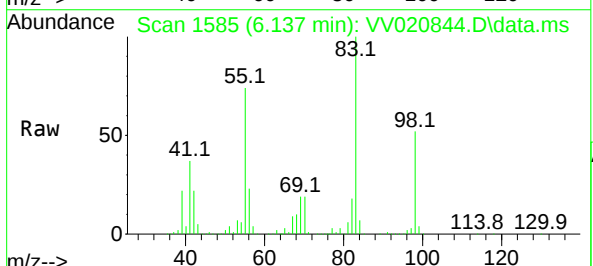
Tgt Ion: 83 Resp: 349100

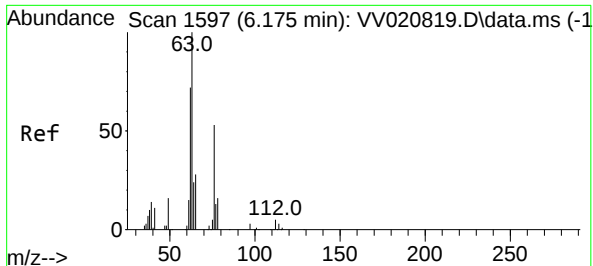
Ion Ratio Lower Upper

83 100

55 74.8 62.7 94.1

98 51.5 38.9 58.3





#37

1,2-Dichloropropane

Concen: 42.86 ug/L

RT: 6.178 min Scan# 1598

Delta R.T. 0.003 min

Lab File: VV020844.D

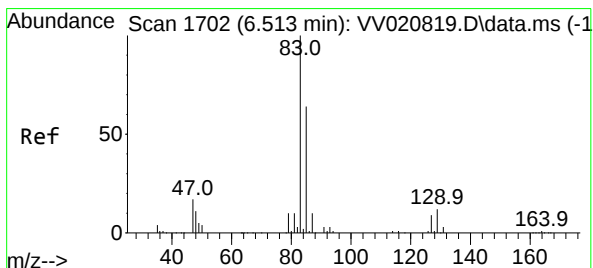
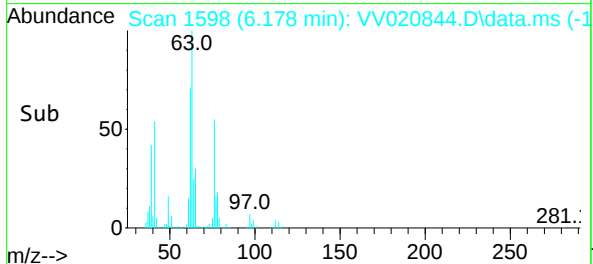
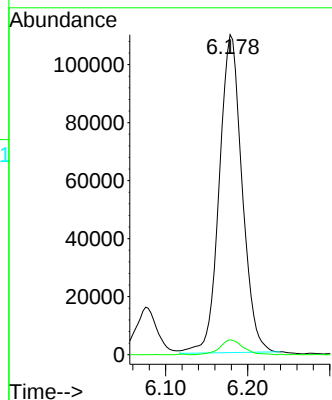
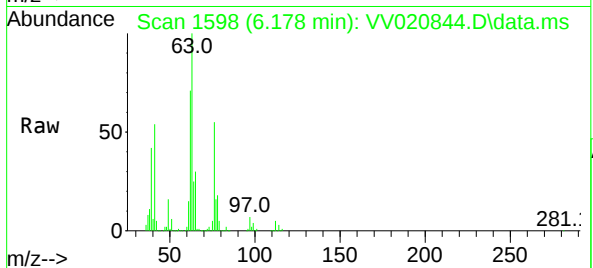
Acq: 01 Apr 2021 20:58

Tgt Ion: 63 Resp: 211732

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5



#38

Bromodichloromethane

Concen: 48.07 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VV020844.D

Acq: 01 Apr 2021 20:58

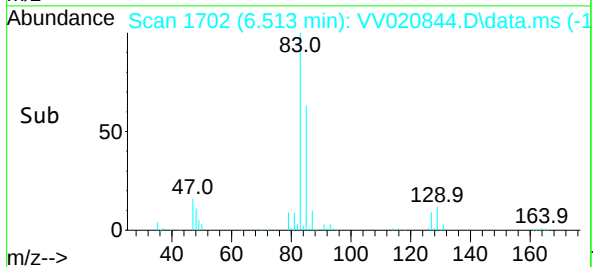
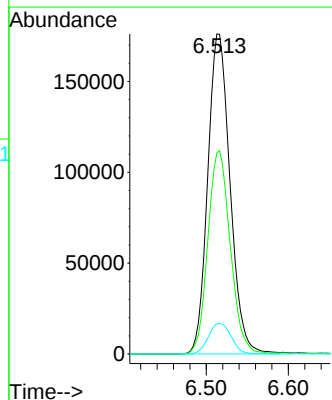
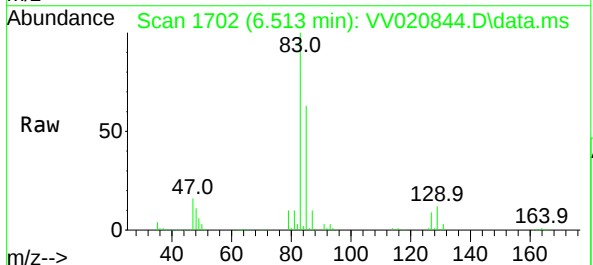
Tgt Ion: 83 Resp: 333502

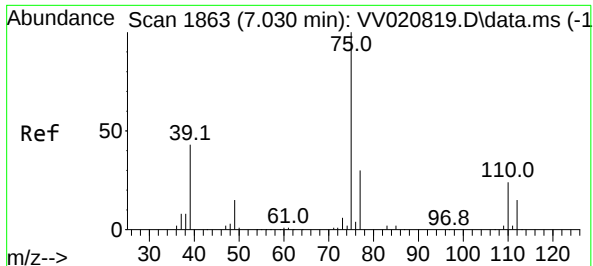
Ion Ratio Lower Upper

83 100

85 62.8 44.5 82.7

127 9.4 6.8 10.2

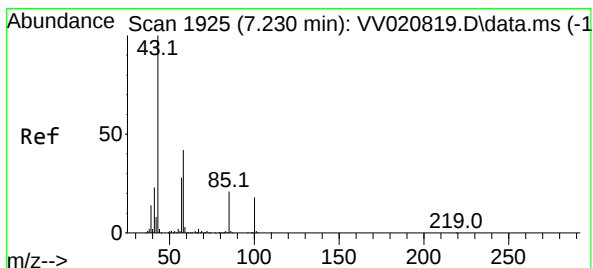
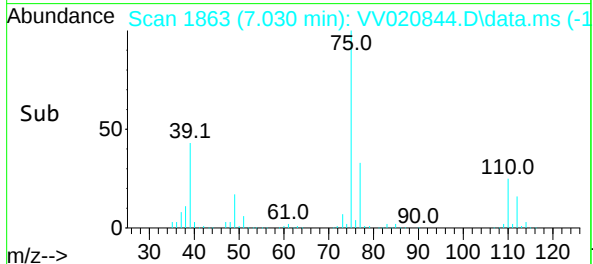
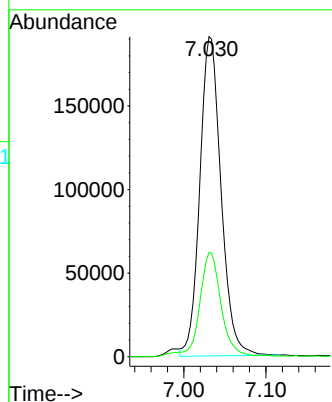
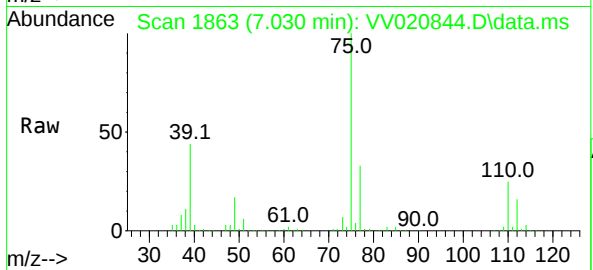




#39
 cis-1,3-Dichloropropene
 Concen: 44.99 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VV020844.D
 Acq: 01 Apr 2021 20:58

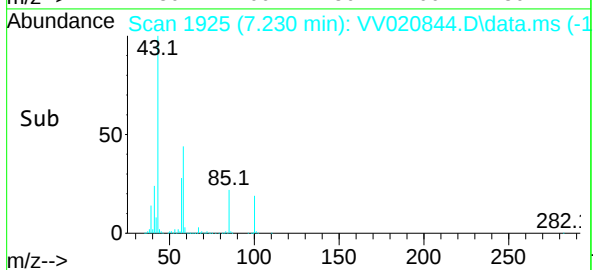
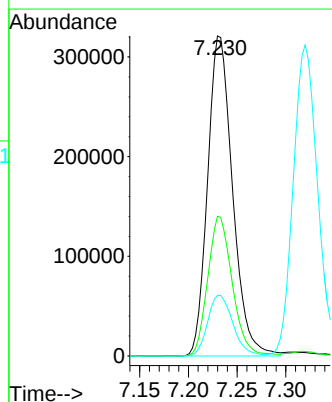
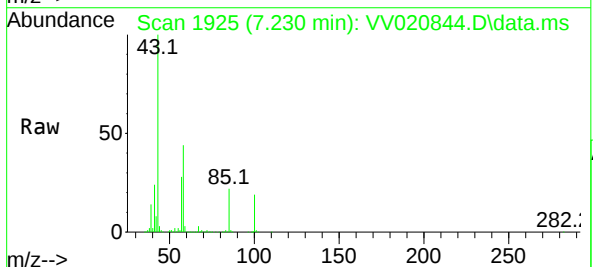
Instrument :
 MSVOA_V
 ClientSampled :

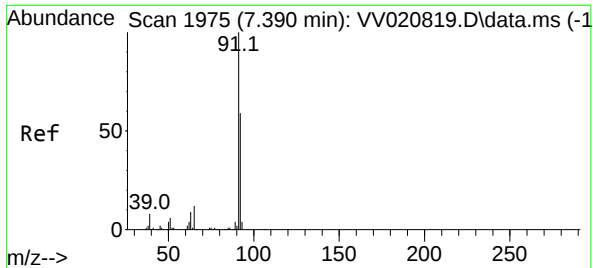
Tgt Ion: 75 Resp: 343103
 Ion Ratio Lower Upper
 75 100
 77 32.6 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 86.49 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.000 min
 Lab File: VV020844.D
 Acq: 01 Apr 2021 20:58

Tgt Ion: 43 Resp: 572935
 Ion Ratio Lower Upper
 43 100
 58 42.8 32.3 48.5
 100 19.1 13.0 19.4

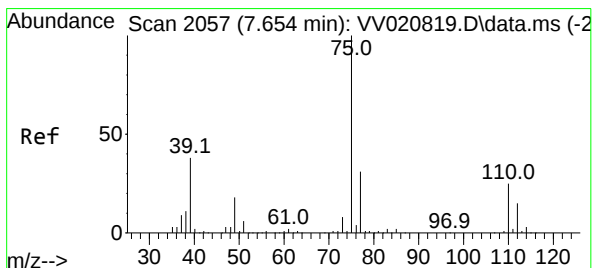
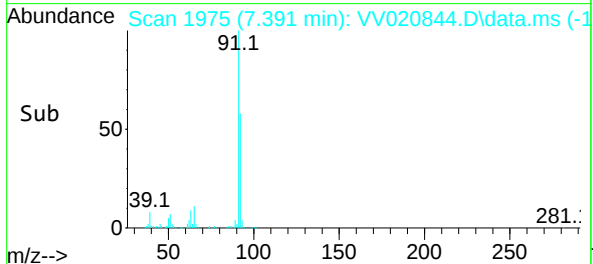
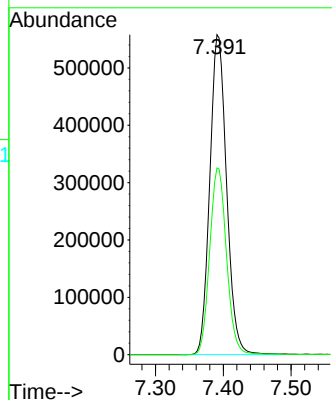
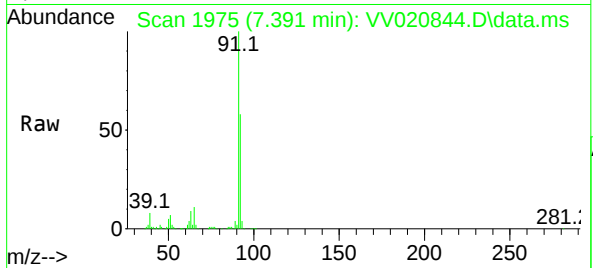




#42
Toluene
Concen: 46.87 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

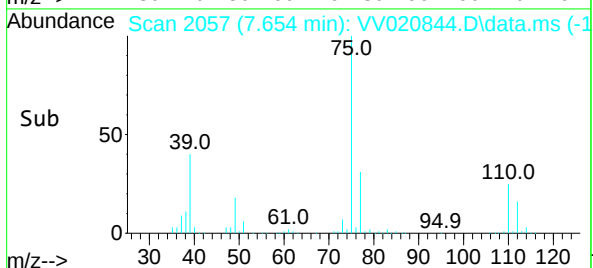
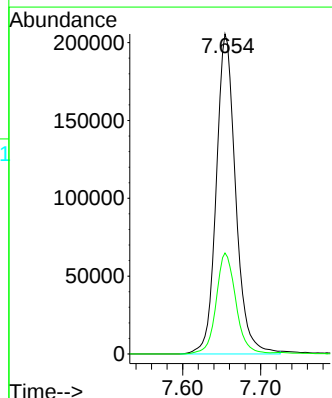
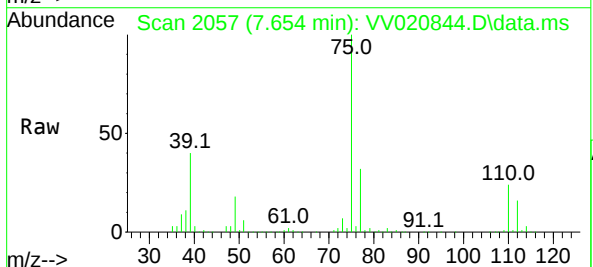
Instrument :
MSVOA_V
ClientSampled :

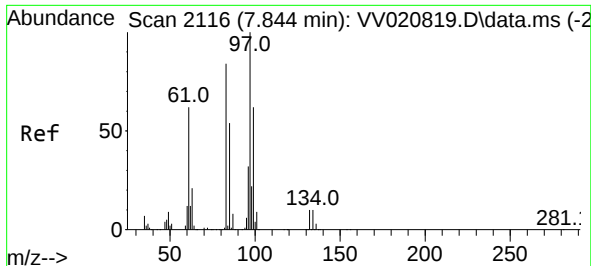
Tgt Ion: 91 Resp: 959625
Ion Ratio Lower Upper
91 100
92 58.4 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 46.35 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

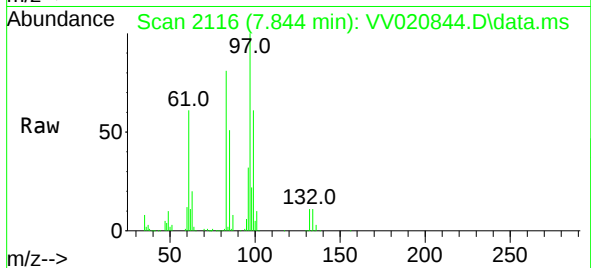
Tgt Ion: 75 Resp: 355924
Ion Ratio Lower Upper
75 100
77 31.5 21.6 40.0





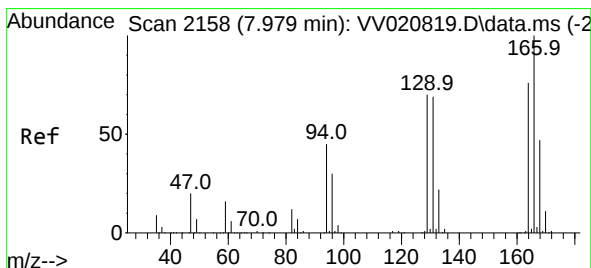
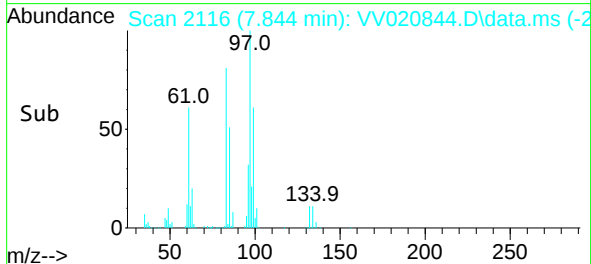
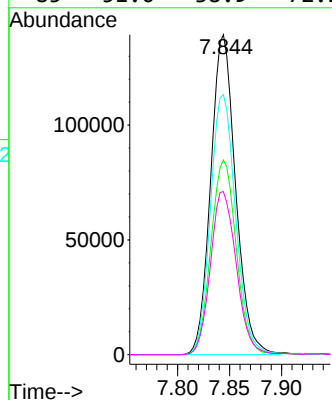
#45
1,1,2-Trichloroethane
Concen: 47.80 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.000 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

Instrument :
MSVOA_V
ClientSampled :

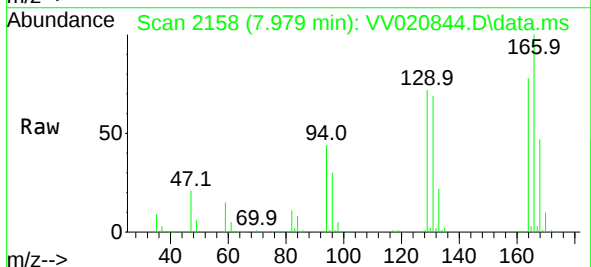


Tgt Ion: 97 Resp: 232308

Ion	Ratio	Lower	Upper
97	100		
99	60.8	44.1	81.9
83	81.3	60.7	112.7
85	51.0	38.9	72.2

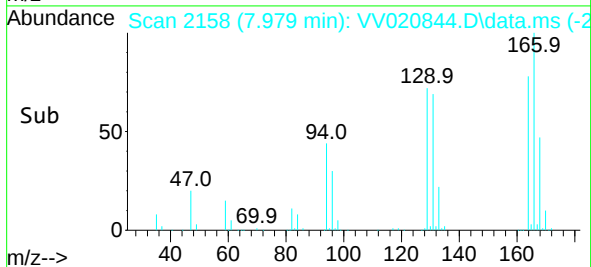
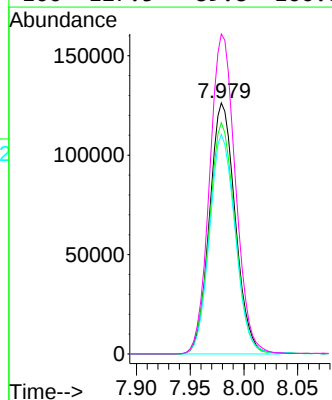


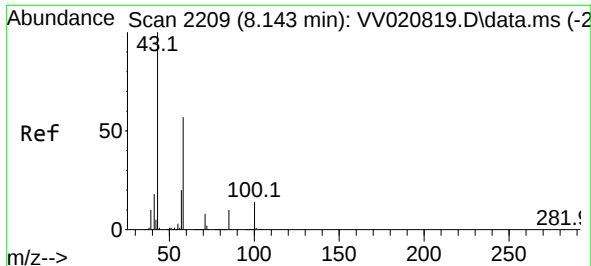
#46
Tetrachloroethene
Concen: 48.79 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58



Tgt Ion: 164 Resp: 210310

Ion	Ratio	Lower	Upper
164	100		
129	92.1	64.3	119.5
131	87.4	63.5	117.9
166	127.5	89.8	166.8



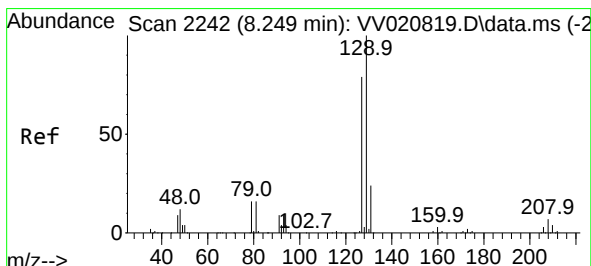
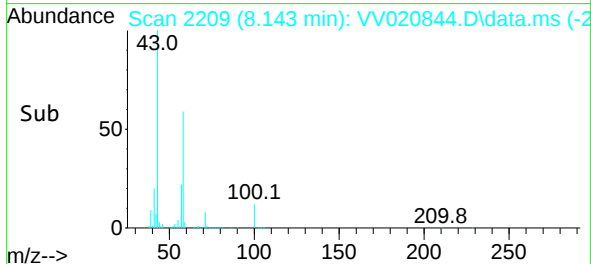
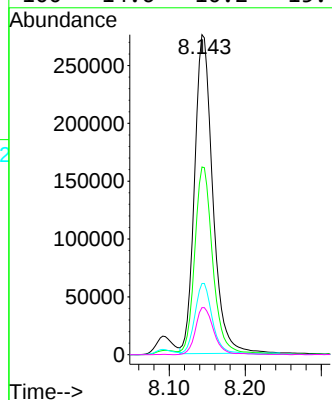
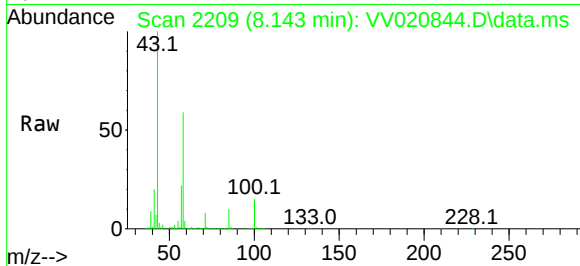


#48
2-Hexanone
Concen: 90.88 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 459568

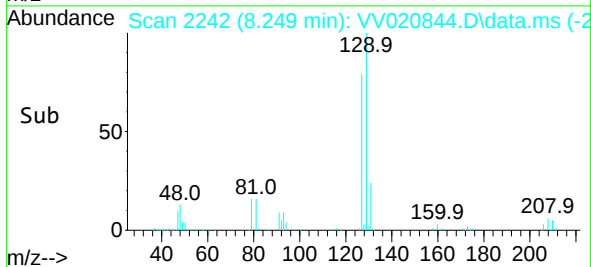
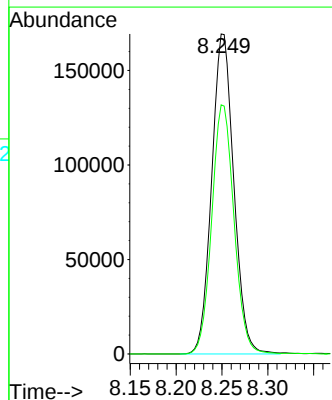
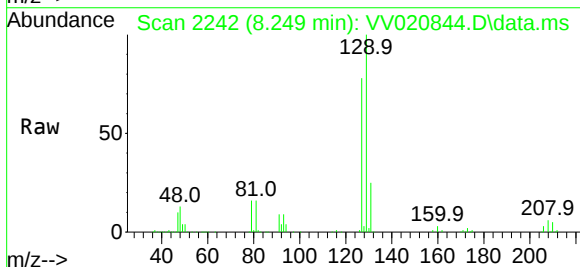
Ion	Ratio	Lower	Upper
43	100		
58	57.0	45.8	68.8
57	21.8	15.4	23.2
100	14.6	10.2	15.4

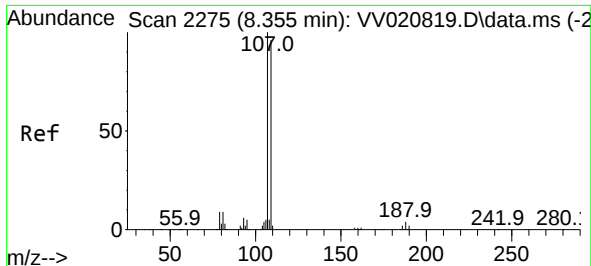


#49
Dibromochloromethane
Concen: 50.19 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

Tgt Ion: 129 Resp: 284092

Ion	Ratio	Lower	Upper
129	100		
127	77.9	54.6	101.4





#50

1,2-Dibromoethane

Concen: 48.26 ug/L

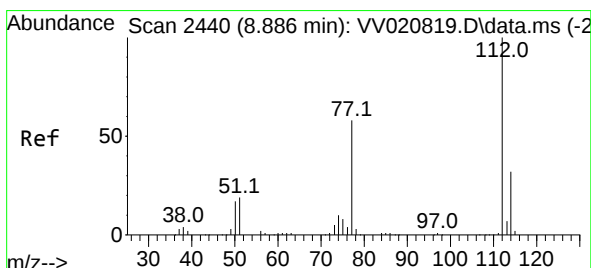
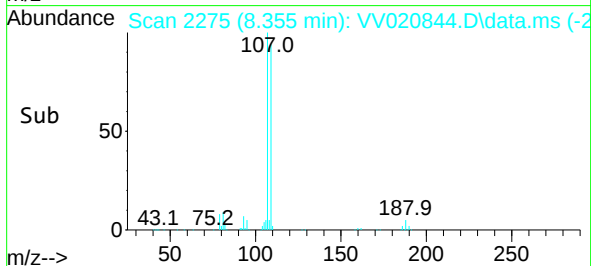
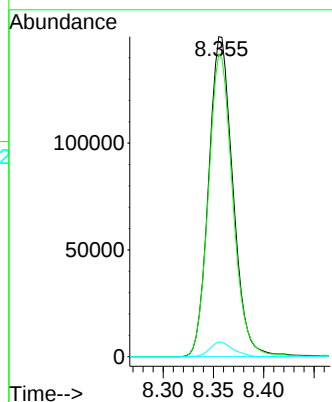
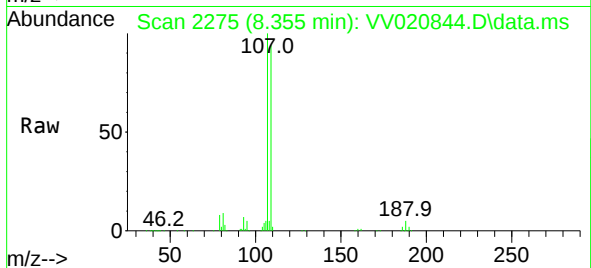
RT: 8.355 min Scan# 2275

Delta R.T. 0.000 min

Lab File: VV020844.D

Acq: 01 Apr 2021 20:58

Tgt Ion:	107	Resp:	251185
Ion	Ratio	Lower	Upper
107	100		
109	94.5	66.7	123.9
188	4.6	3.0	4.4#



#51

Chlorobenzene

Concen: 46.55 ug/L

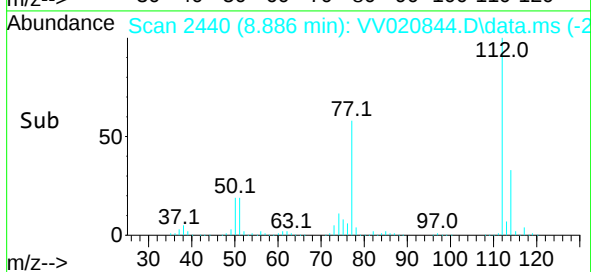
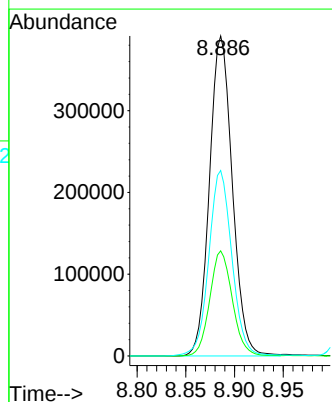
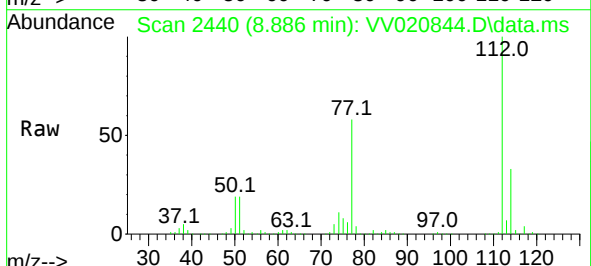
RT: 8.886 min Scan# 2440

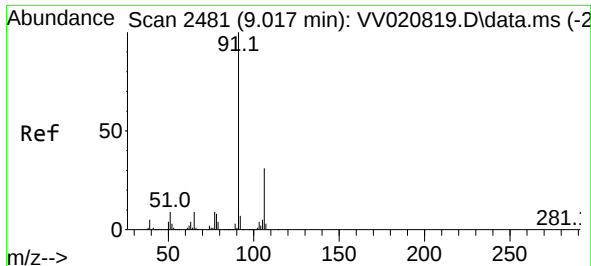
Delta R.T. 0.000 min

Lab File: VV020844.D

Acq: 01 Apr 2021 20:58

Tgt Ion:	112	Resp:	639713
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.4	41.6
77	57.9	46.7	70.1

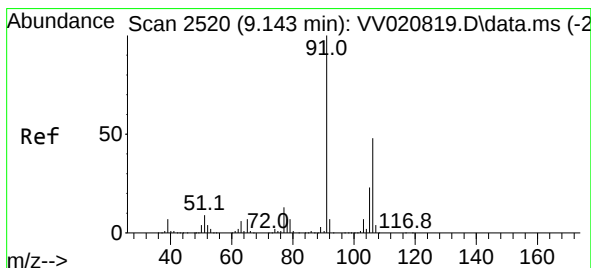
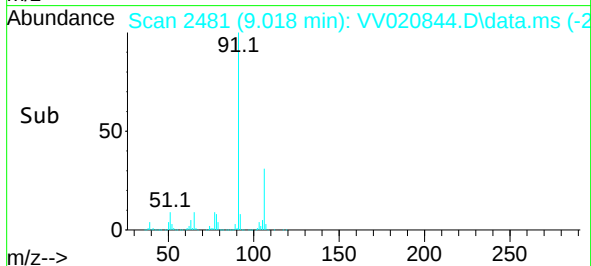
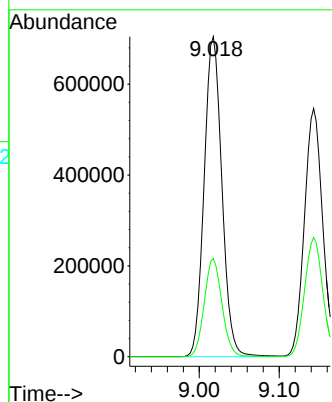
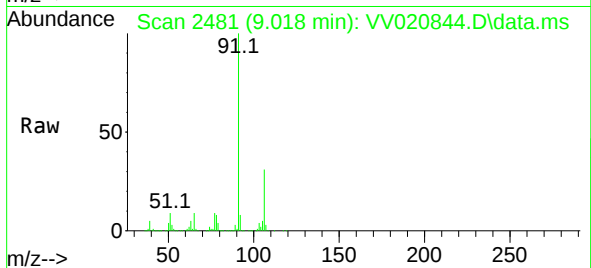




#52
Ethylbenzene
Concen: 46.65 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.000 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

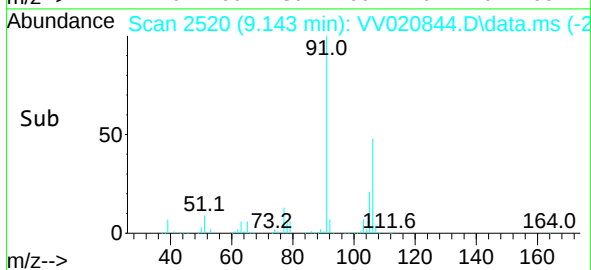
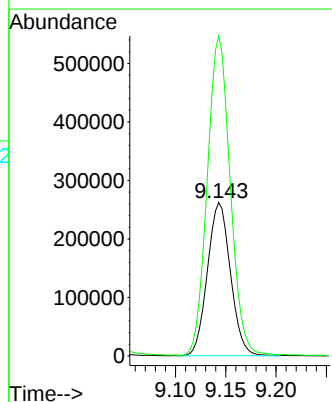
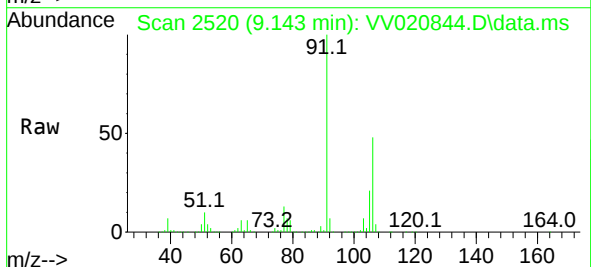
Instrument :
MSVOA_V
ClientSampled :

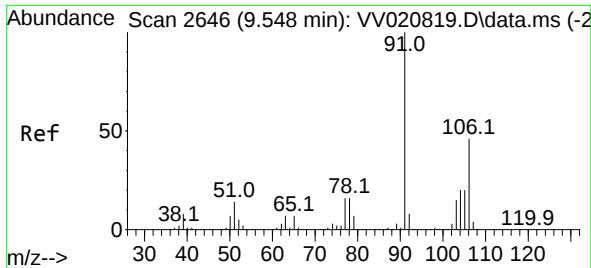
Tgt Ion: 91 Resp: 1089923
Ion Ratio Lower Upper
91 100
106 30.7 21.4 39.8



#53
m,p-Xylene
Concen: 47.94 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

Tgt Ion:106 Resp: 416665
Ion Ratio Lower Upper
106 100
91 208.4 145.7 270.7

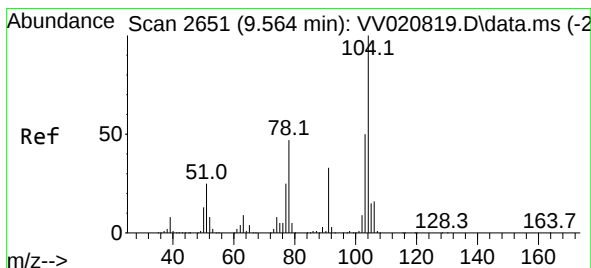
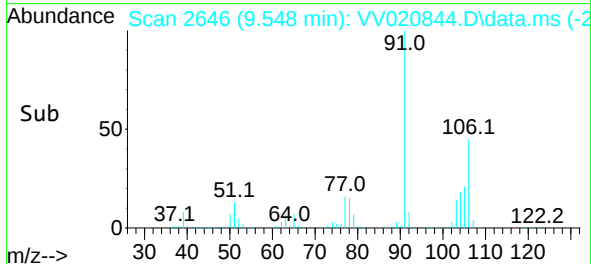
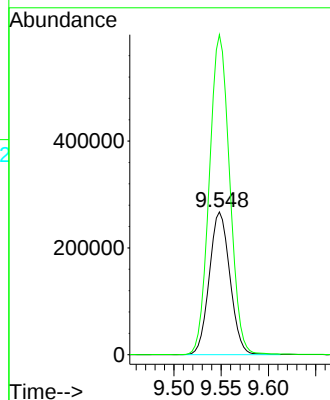
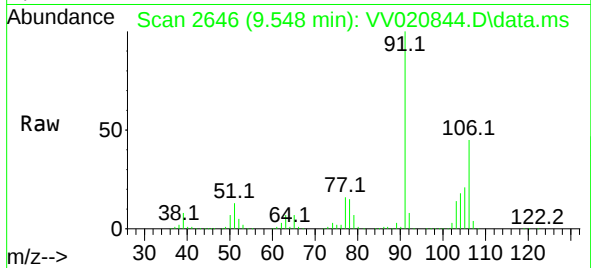




#54
o-xylene
Concen: 48.42 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

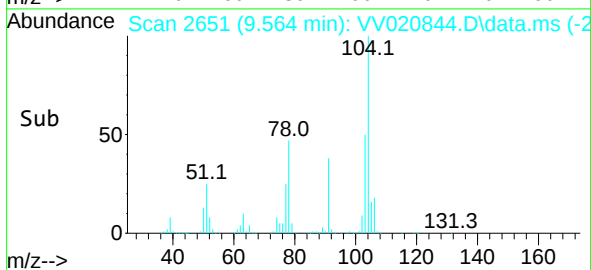
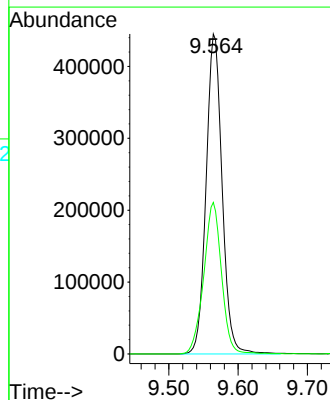
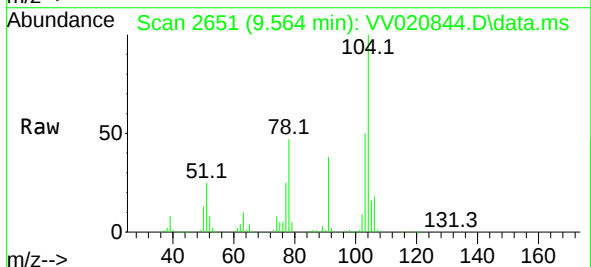
Instrument :
MSVOA_V
ClientSampled :

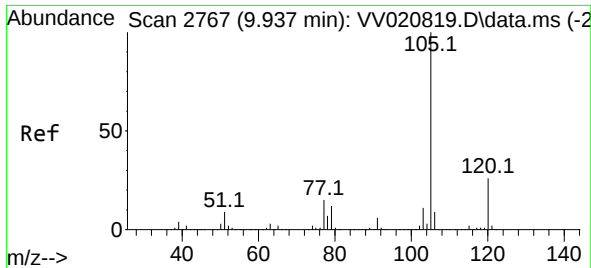
Tgt Ion:106 Resp: 405597
Ion Ratio Lower Upper
106 100
91 224.3 157.8 293.1



#55
Styrene
Concen: 48.47 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

Tgt Ion:104 Resp: 713322
Ion Ratio Lower Upper
104 100
78 47.3 33.6 62.4

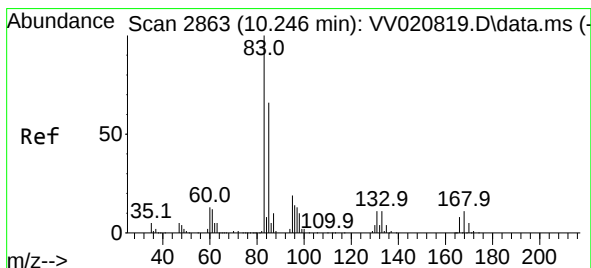
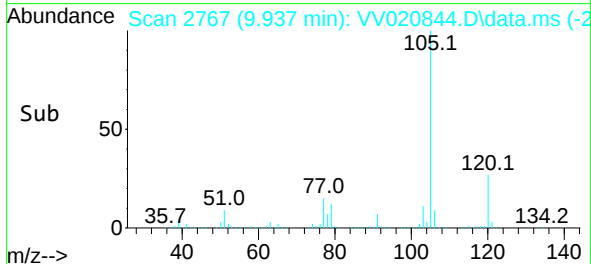
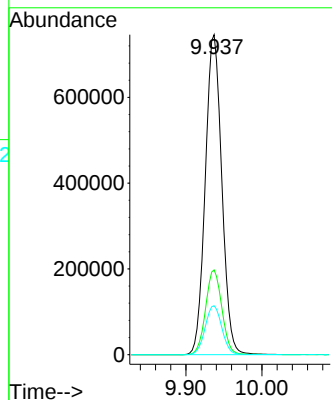
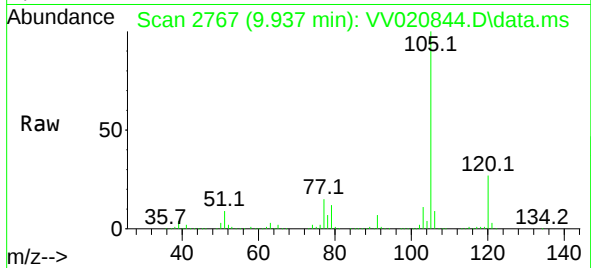




#56
Isopropylbenzene
Concen: 48.76 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

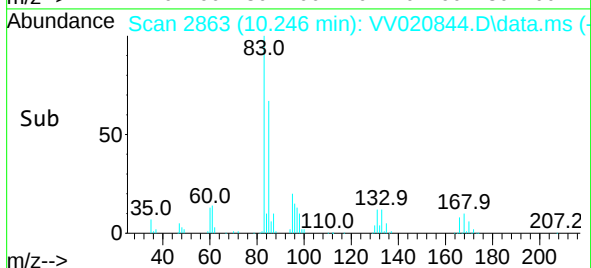
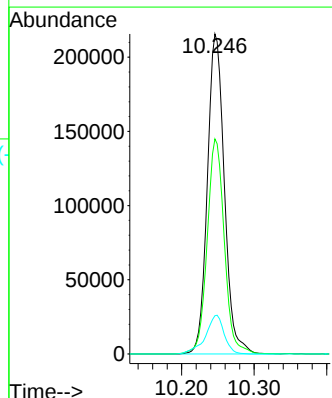
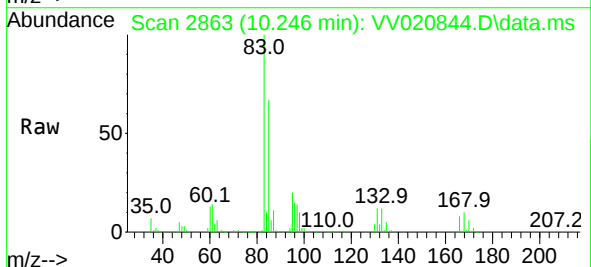
Instrument :
MSVOA_V
ClientSampled :

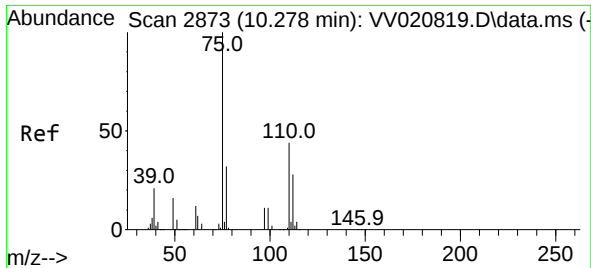
Tgt Ion:105 Resp: 1124843
Ion Ratio Lower Upper
105 100
120 26.1 20.8 31.2
77 15.5 12.9 19.3



#58
1,1,2,2-Tetrachloroethane
Concen: 44.31 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

Tgt Ion: 83 Resp: 351253
Ion Ratio Lower Upper
83 100
85 67.2 44.7 83.1
131 12.0 8.6 12.8

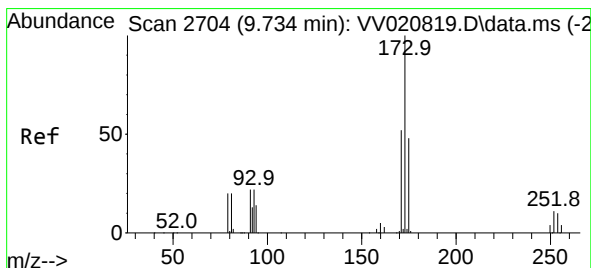
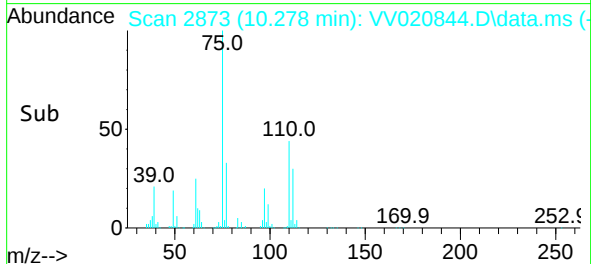
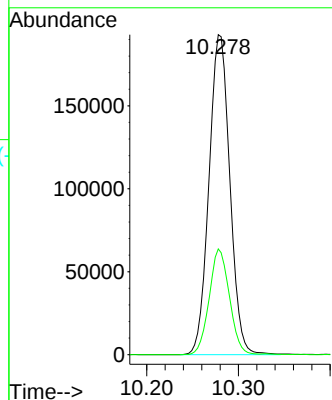
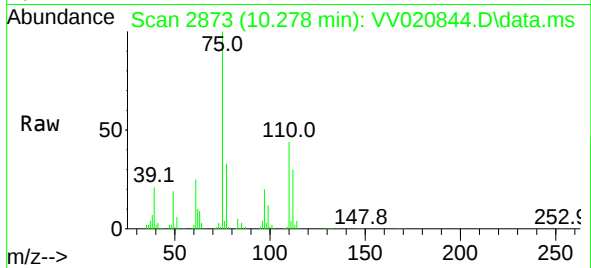




#59
1,2,3-Trichloropropane
Concen: 47.27 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

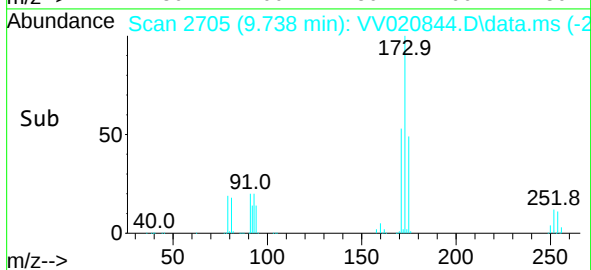
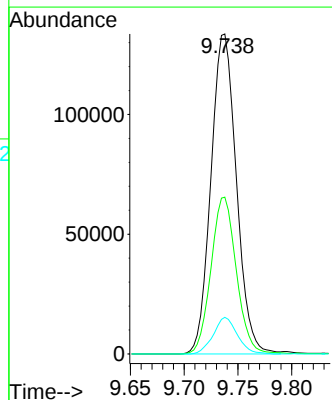
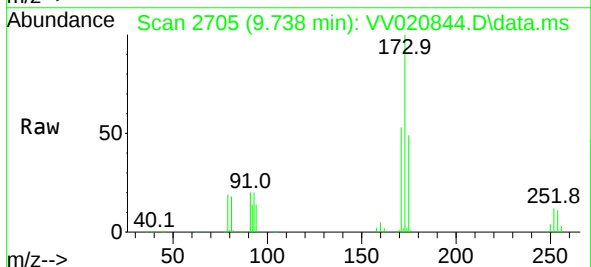
Instrument :
MSVOA_V
ClientSampled :

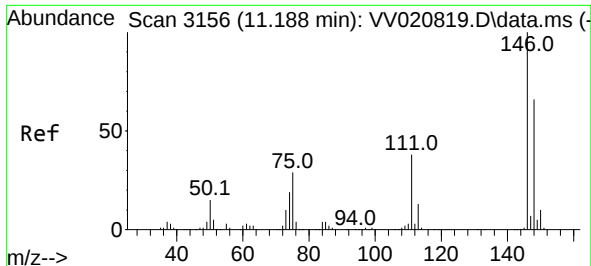
Tgt Ion: 75 Resp: 304929
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9



#61
Bromoform
Concen: 49.89 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

Tgt Ion: 173 Resp: 220162
Ion Ratio Lower Upper
173 100
175 48.8 38.4 57.6
254 10.8 8.5 12.7

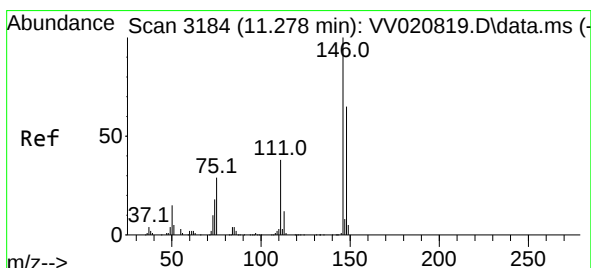
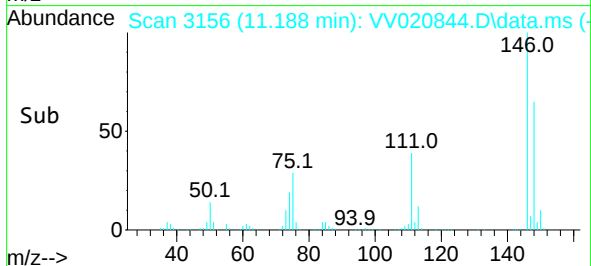
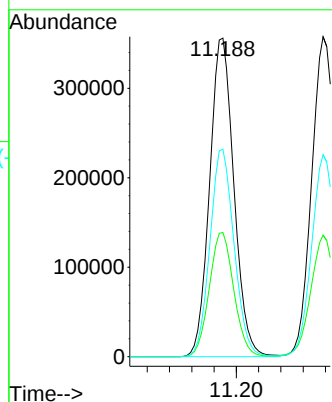
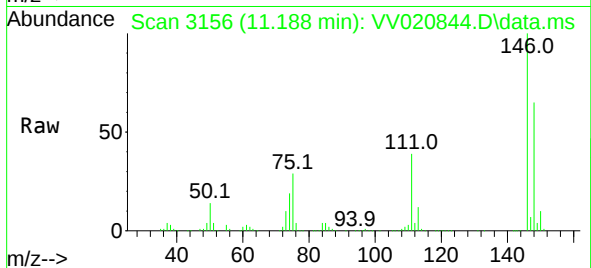




#62
1,3-Dichlorobenzene
Concen: 45.42 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.000 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

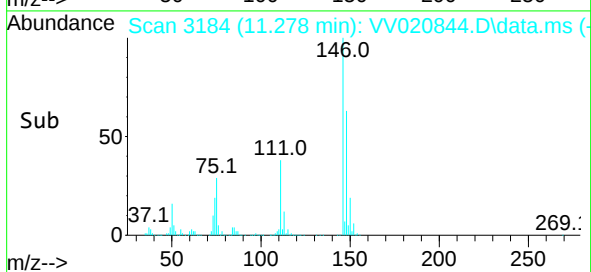
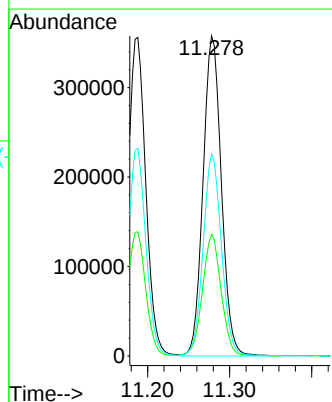
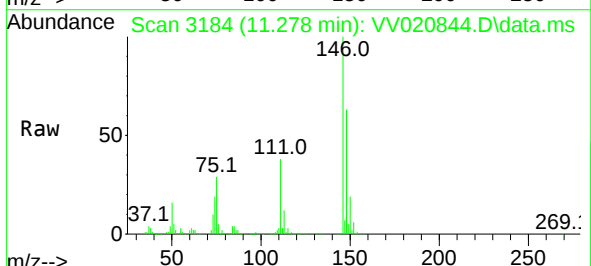
Instrument :
MSVOA_V
ClientSampleId :

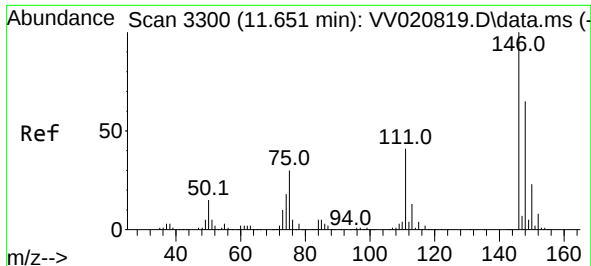
Tgt Ion:146 Resp: 538682
Ion Ratio Lower Upper
146 100
111 39.0 27.4 51.0
148 65.1 44.9 83.5



#63
1,4-Dichlorobenzene
Concen: 45.01 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

Tgt Ion:146 Resp: 555258
Ion Ratio Lower Upper
146 100
111 38.0 26.0 48.4
148 63.2 44.1 81.9

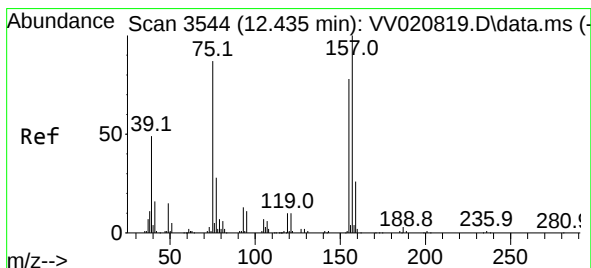
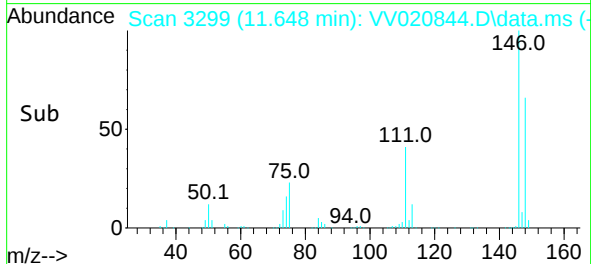
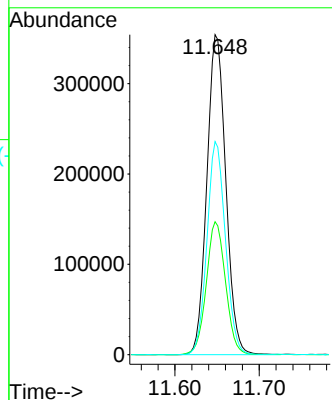
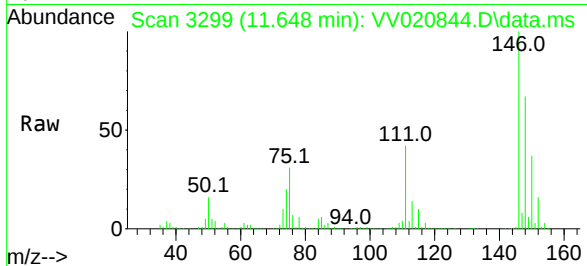




#65
1,2-Dichlorobenzene
Concen: 47.37 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.003 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

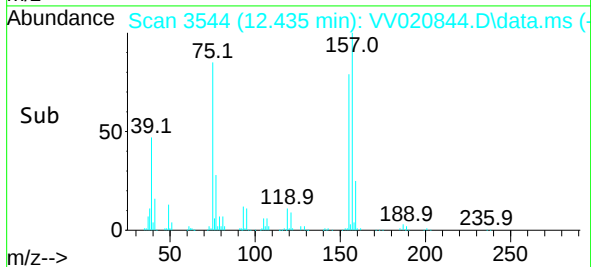
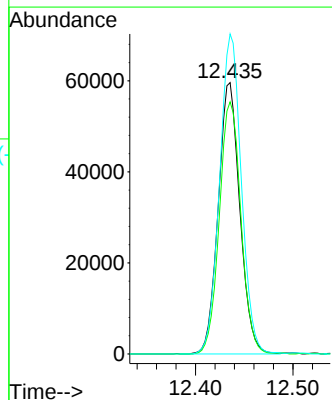
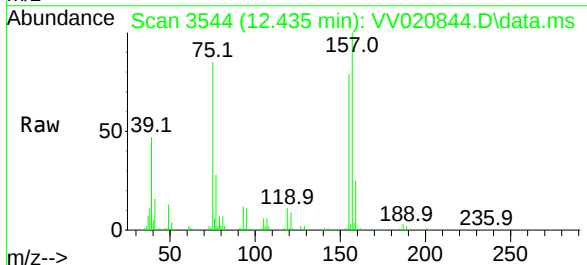
Instrument :
MSVOA_V
ClientSampled :

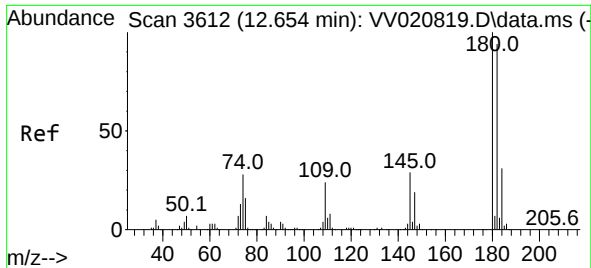
Tgt Ion:146 Resp: 553744
Ion Ratio Lower Upper
146 100
111 41.6 34.1 51.1
148 66.6 51.4 77.0



#66
1,2-Dibromo-3-chloropropane
Concen: 46.55 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

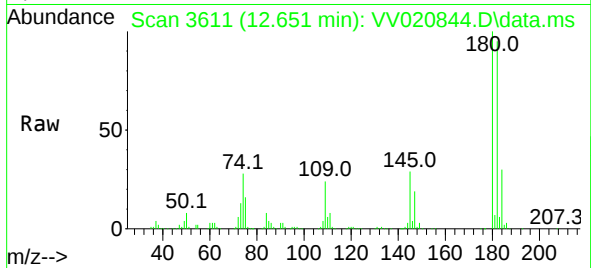
Tgt Ion: 75 Resp: 91993
Ion Ratio Lower Upper
75 100
155 92.9 65.3 97.9
157 117.9 85.8 128.6



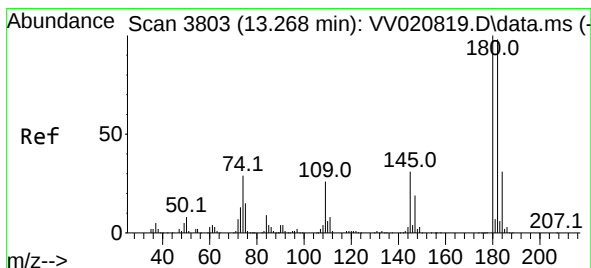
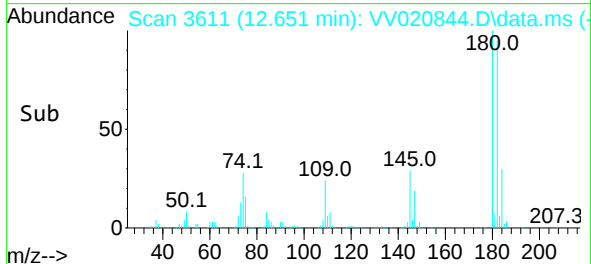
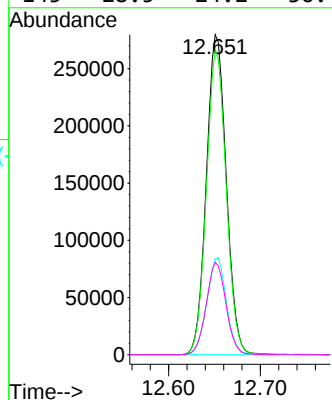


#67
 1,3,5-Trichlorobenzene
 Concen: 46.01 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. -0.003 min
 Lab File: VV020844.D
 Acq: 01 Apr 2021 20:58

Instrument :
 MSVOA_V
 ClientSampleId :

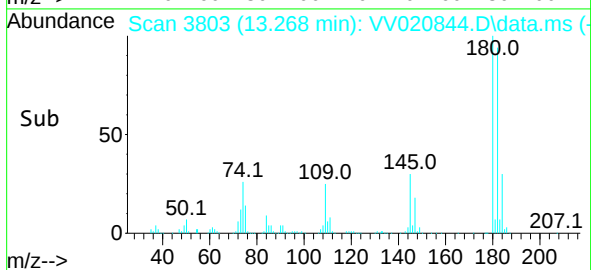
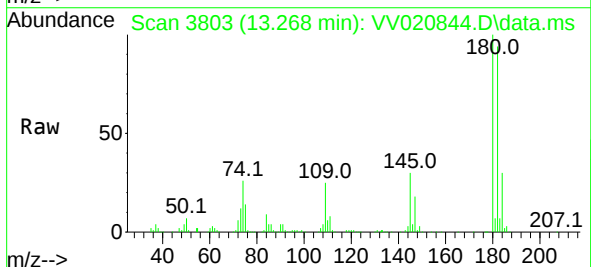
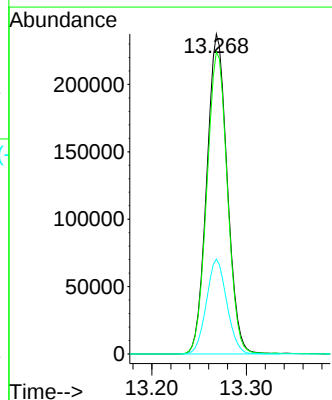


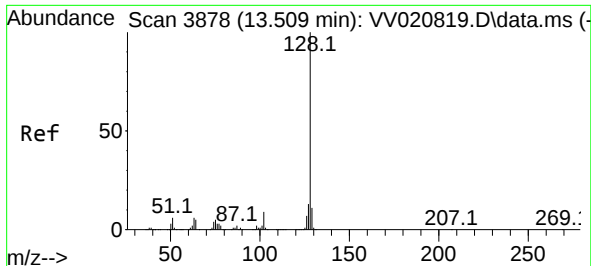
Tgt Ion:180 Resp: 423032
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.3 114.5
 184 29.8 24.5 36.7
 145 28.5 24.2 36.4



#68
 1,2,4-trichlorobenzene
 Concen: 45.84 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.000 min
 Lab File: VV020844.D
 Acq: 01 Apr 2021 20:58

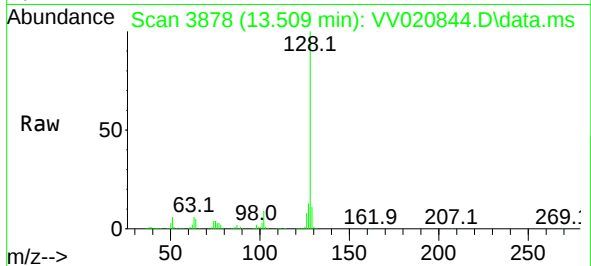
Tgt Ion:180 Resp: 357373
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.8 113.6
 145 29.5 23.9 35.9



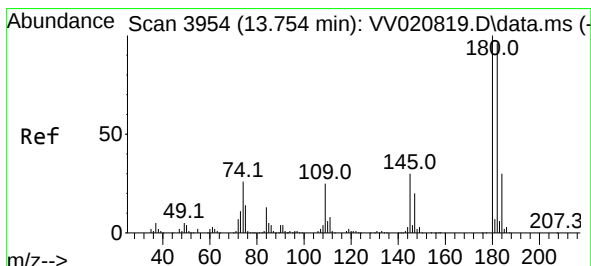
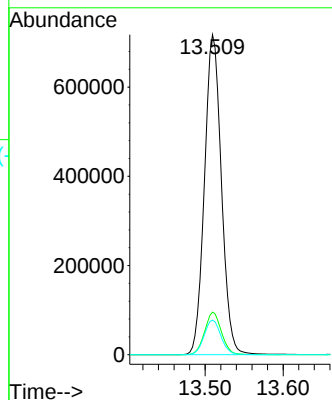
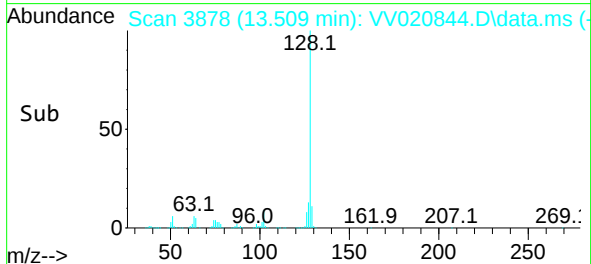


#69
Naphthalene
Concen: 48.62 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58

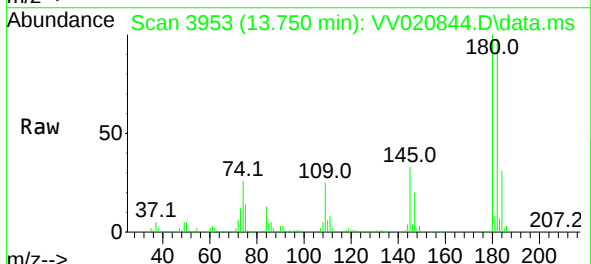
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1084790
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1



#70
1,2,3-Trichlorobenzene
Concen: 47.40 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. -0.003 min
Lab File: VV020844.D
Acq: 01 Apr 2021 20:58



Tgt Ion:180 Resp: 369985
Ion Ratio Lower Upper
180 100
182 96.8 75.2 112.8
145 32.3 25.5 38.3

