

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052721\
 Data File : VW021446.D
 Acq On : 27 May 2021 16:35
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 03:23:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 28 02:47:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	489400	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	459194	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	265448	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	145300	45.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.18%			
7) Chloroethane-d5	1.565	69	92064	38.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.82%			
11) 1,1-Dichloroethene-d2	2.111	63	258679	46.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.96%			
21) 2-Butanone-d5	3.876	46	229907	99.50	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.50%			
24) Chloroform-d	4.349	84	304650	47.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.00%			
26) 1,2-Dichloroethane-d4	5.034	65	177176	47.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.92%			
32) Benzene-d6	5.050	84	605166	47.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.22%			
36) 1,2-Dichloropropane-d6	6.072	67	188440	47.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.00%			
41) Toluene-d8	7.317	98	576384	47.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.20%			
43) trans-1,3-Dichloroprop...	7.622	79	101007	47.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.16%			
47) 2-Hexanone-d5	8.088	63	179825	98.72	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.72%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	265033	48.13	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.26%			
66) 1,2-Dichlorobenzene-d4	11.625	152	262154	47.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.02%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	164574	48.52	ug/L	99
3) Chloromethane	1.240	50	164962	48.82	ug/L	99
5) Vinyl chloride	1.311	62	170682	49.21	ug/L	99
6) Bromomethane	1.520	94	99446	41.87	ug/L	98
8) Chloroethane	1.581	64	89247	45.26	ug/L	99
9) Trichlorofluoromethane	1.751	101	258107	50.17	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	148150	49.54	ug/L	99
12) 1,1-Dichloroethene	2.118	96	142375	49.57	ug/L	97
13) Acetone	2.166	43	159144	80.05	ug/L #	86
14) Carbon disulfide	2.294	76	437765	48.34	ug/L	100
15) Methyl Acetate	2.430	43	171073	50.22	ug/L	98
16) Methylene chloride	2.507	84	173535	48.23	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	161325	49.23	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	511385	49.23	ug/L	99
19) 1,1-Dichloroethane	3.192	63	287327	49.48	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	180658	49.28	ug/L	99
22) 2-Butanone	3.960	43	241620	95.94	ug/L	95
23) Bromochloromethane	4.249	128	100443	49.47	ug/L	96
25) Chloroform	4.378	83	295030	49.09	ug/L	100

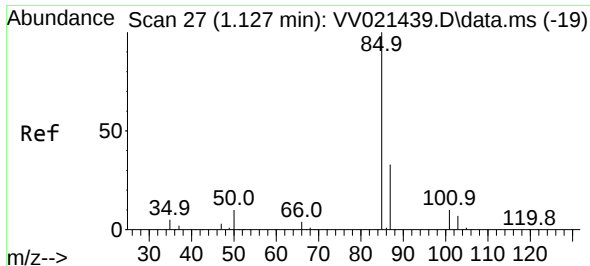
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052721\
 Data File : VW021446.D
 Acq On : 27 May 2021 16:35
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 03:23:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 28 02:47:54 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	207942	50.09	ug/L	100
29) Cyclohexane	4.680	56	260441	48.68	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	274640	48.45	ug/L	99
31) Carbon tetrachloride	4.831	117	252033	48.98	ug/L	99
33) Benzene	5.101	78	638554	48.58	ug/L	100
34) Trichloroethene	5.915	95	173963	48.69	ug/L	99
35) Methylcyclohexane	6.134	83	274578	47.88	ug/L	99
37) 1,2-Dichloropropane	6.175	63	164216	49.00	ug/L	99
38) Bromodichloromethane	6.510	83	230322	48.98	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	278379	49.41	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	449944	99.02	ug/L	99
42) Toluene	7.388	91	713738	48.95	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	264877	49.70	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	167211	49.16	ug/L	99
46) Tetrachloroethene	7.976	164	160255	48.79	ug/L	99
48) 2-Hexanone	8.140	43	346350	99.39	ug/L	99
49) Dibromochloromethane	8.246	129	208863	49.04	ug/L	98
50) 1,2-Dibromoethane	8.352	107	182631	48.79	ug/L	100
51) Chlorobenzene	8.883	112	471175	48.88	ug/L	99
52) Ethylbenzene	9.011	91	790743	49.38	ug/L	99
53) m,p-Xylene	9.140	106	301834	49.05	ug/L	97
54) o-Xylene	9.545	106	301046	49.55	ug/L	99
55) Styrene	9.561	104	516058	49.35	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	262455	49.43	ug/L	100
59) Bromoform	9.731	173	178442	49.82	ug/L	100
60) Isopropylbenzene	9.931	105	806004	49.00	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	204059	48.92	ug/L	100
62) 1,3,5-Trimethylbenzene	10.539	105	685527	48.41	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	701786	49.06	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	407183	49.01	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	405111	48.30	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	404789	48.66	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	64557	49.68	ug/L	99
69) 1,3,5-Trichlorobenzene	12.645	180	344716	49.18	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	309581	49.44	ug/L	99
71) Naphthalene	13.500	128	878991	50.89	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	303335	49.77	ug/L	100

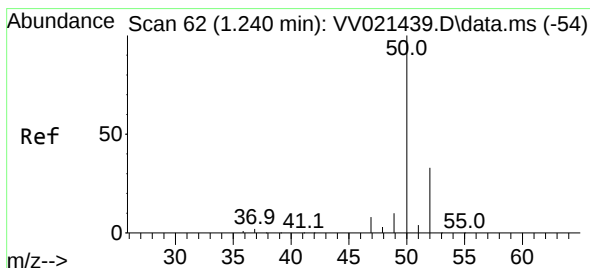
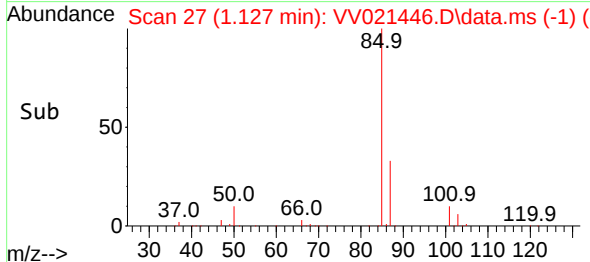
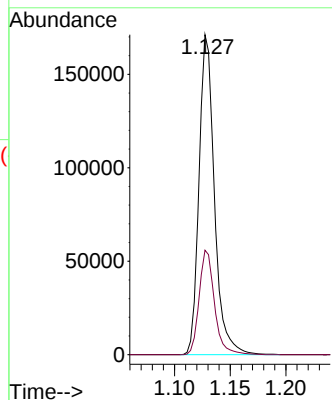
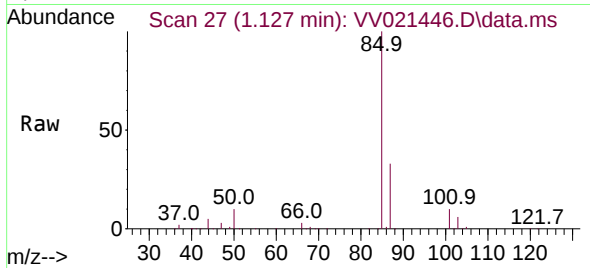
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 48.52 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

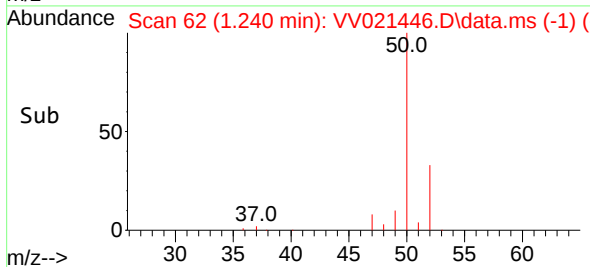
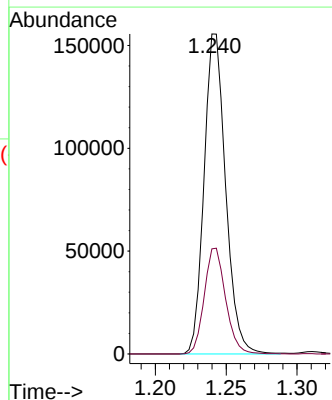
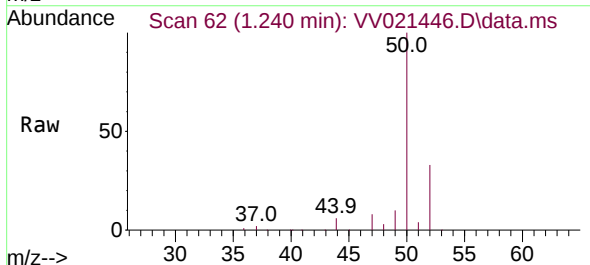
Instrument :
MSVOA_V
ClientSampleId :

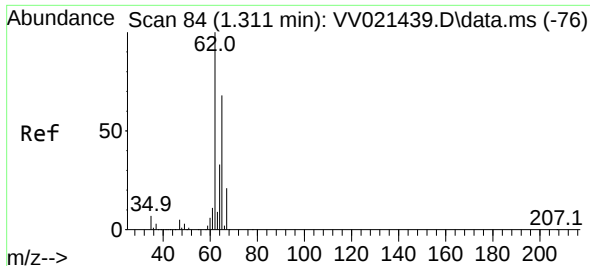
Tgt Ion: 85 Resp: 164574
Ion Ratio Lower Upper
85 100
87 32.5 26.6 39.8



#3
Chloromethane
Concen: 48.82 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Tgt Ion: 50 Resp: 164962
Ion Ratio Lower Upper
50 100
52 32.9 23.3 43.3

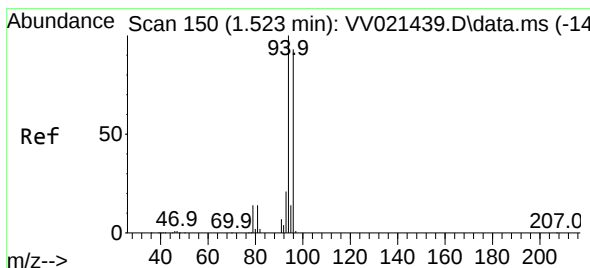
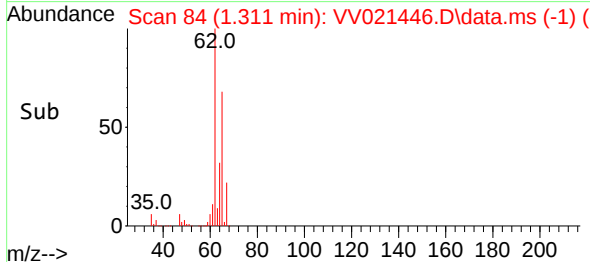
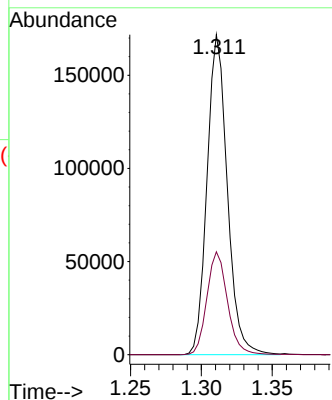
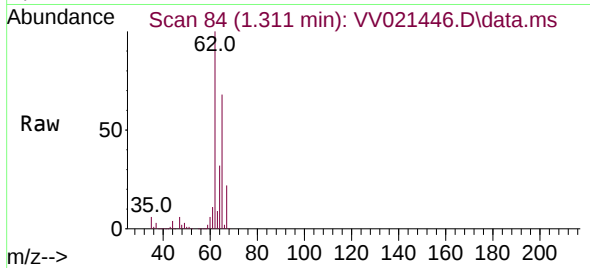




#5
 Vinyl chloride
 Concen: 49.21 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV021446.D
 Acq: 27 May 2021 16:35

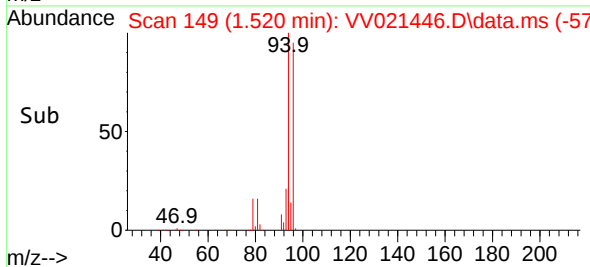
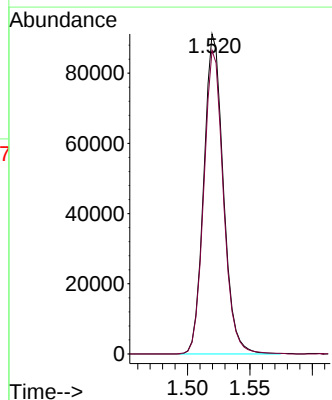
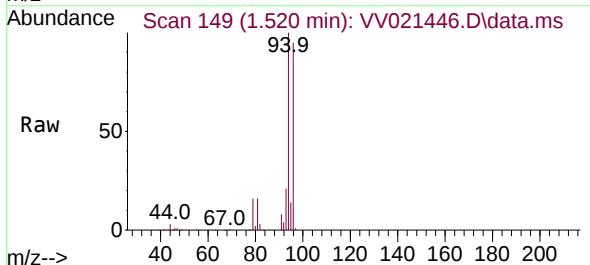
Instrument :
 MSVOA_V
 ClientSampled :

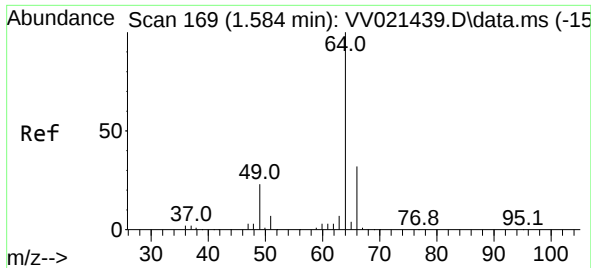
Tgt Ion: 62 Resp: 170682
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.1 42.9



#6
 Bromomethane
 Concen: 41.87 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV021446.D
 Acq: 27 May 2021 16:35

Tgt Ion: 94 Resp: 99446
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.2 121.0

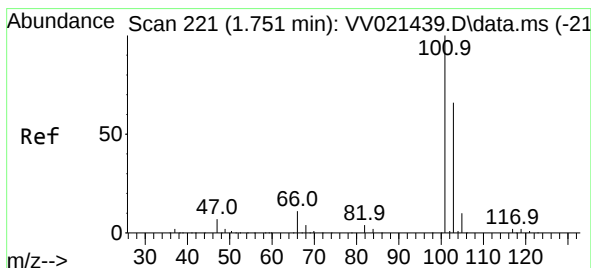
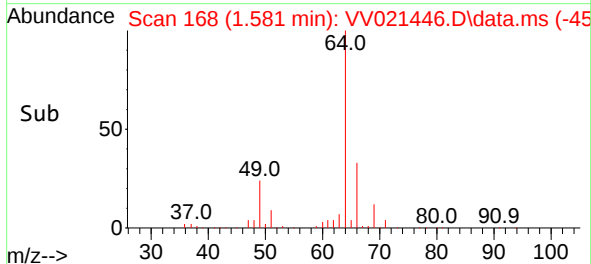
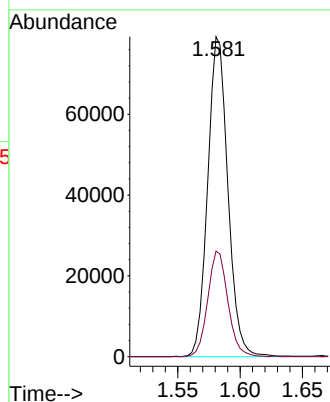
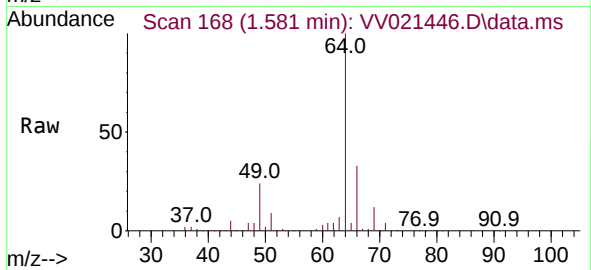




#8
Chloroethane
Concen: 45.26 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

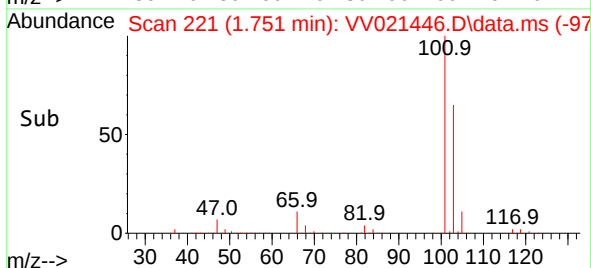
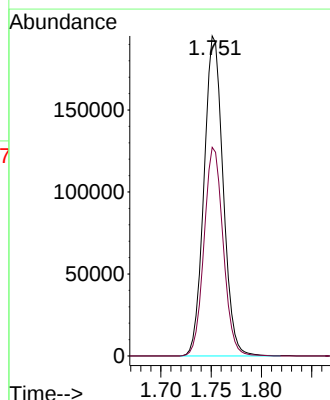
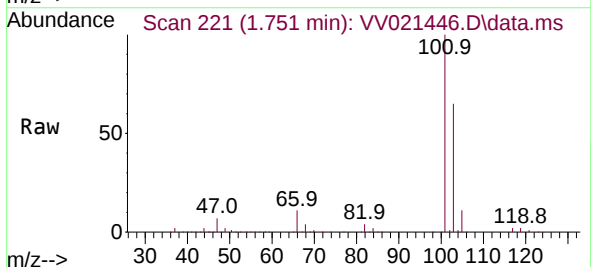
Instrument :
MSVOA_V
ClientSampleId :

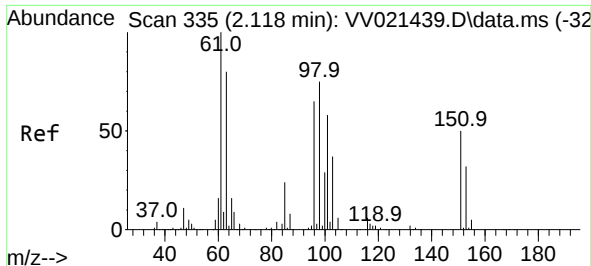
Tgt Ion: 64 Resp: 89247
Ion Ratio Lower Upper
64 100
66 33.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 50.17 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Tgt Ion:101 Resp: 258107
Ion Ratio Lower Upper
101 100
103 65.1 52.1 78.1





#10

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

Concen: 49.54 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV021446.D

Acq: 27 May 2021 16:35

Tgt Ion:101 Resp: 148150

Ion Ratio Lower Upper

101 100

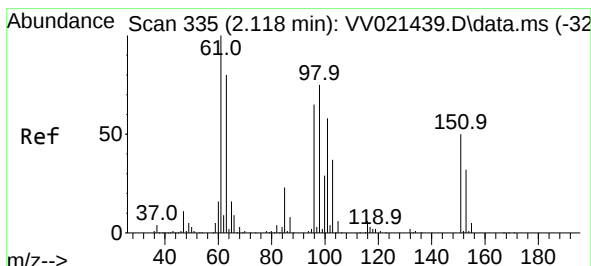
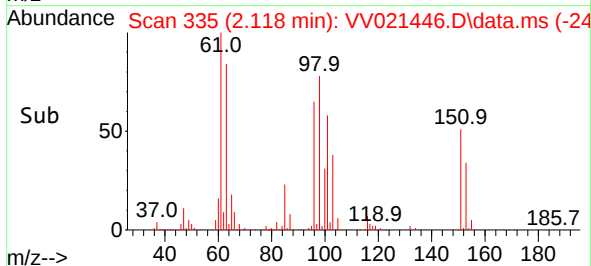
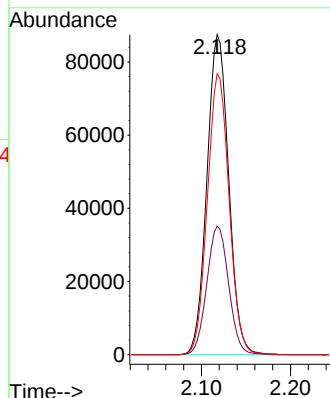
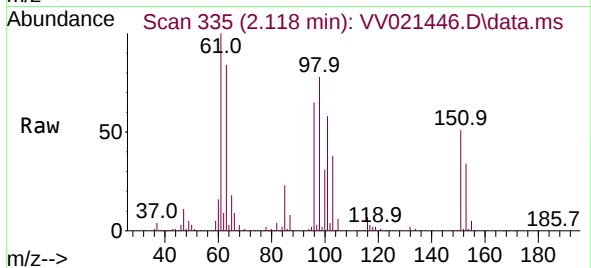
85 40.3 32.6 49.0

151 87.9 70.0 105.0

Instrument :

MSVOA_V

ClientSampled :



#12

1,1-Dichloroethene

Concen: 49.57 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV021446.D

Acq: 27 May 2021 16:35

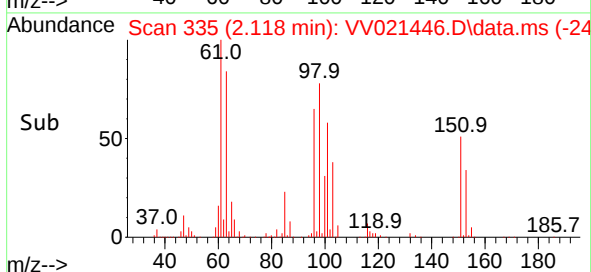
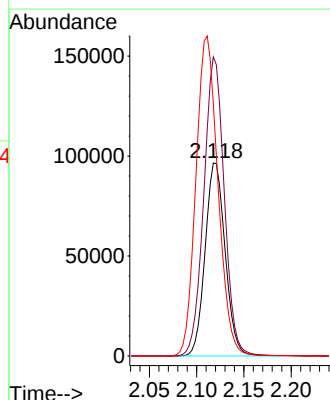
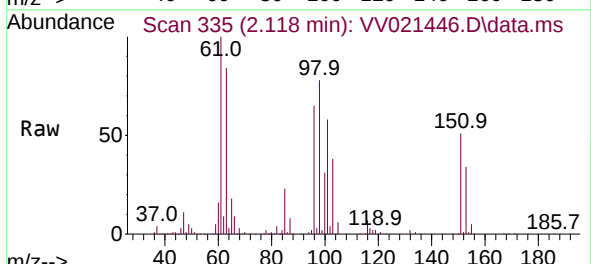
Tgt Ion: 96 Resp: 142375

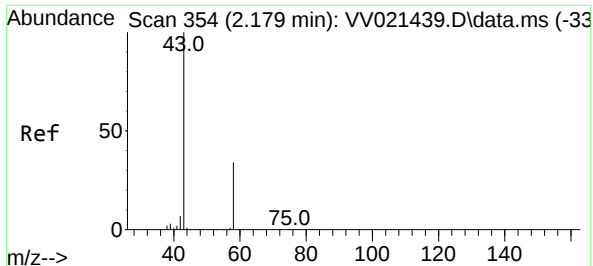
Ion Ratio Lower Upper

96 100

61 155.0 107.7 200.1

63 130.9 86.6 160.8

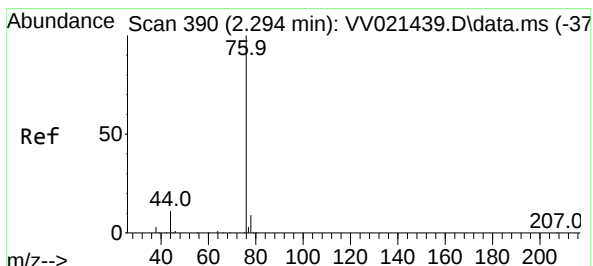
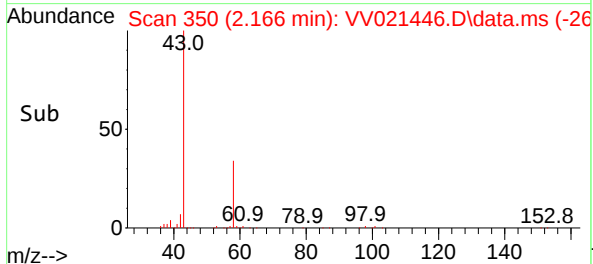
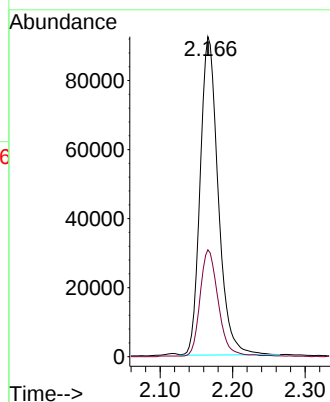
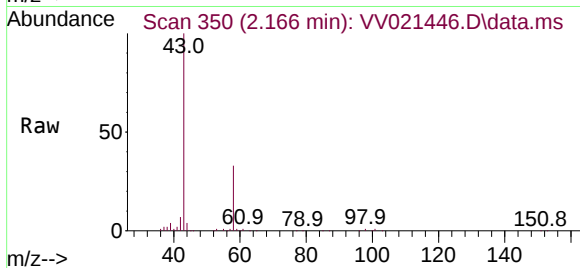




#13
Acetone
Concen: 80.05 ug/L
RT: 2.166 min Scan# 350
Delta R.T. -0.013 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

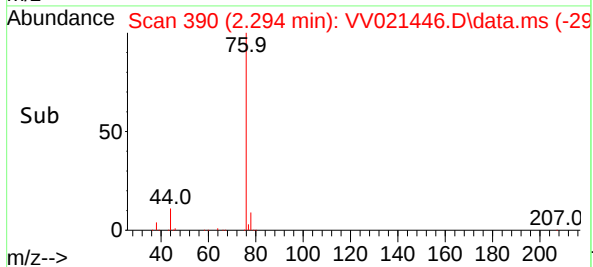
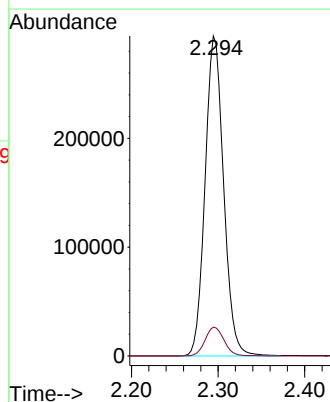
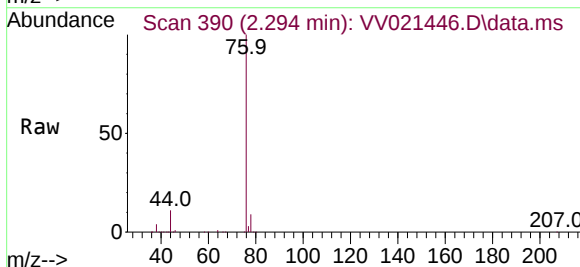
Instrument :
MSVOA_V
ClientSampled :

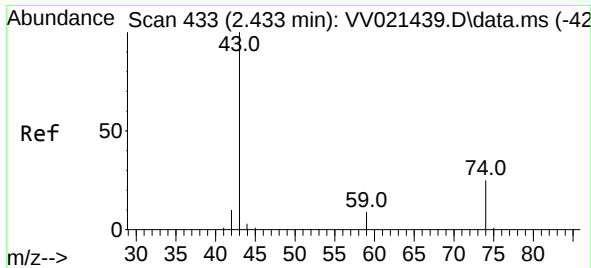
Tgt Ion: 43 Resp: 159144
Ion Ratio Lower Upper
43 100
58 33.2 0.0 0.2#



#14
Carbon disulfide
Concen: 48.34 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Tgt Ion: 76 Resp: 437765
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

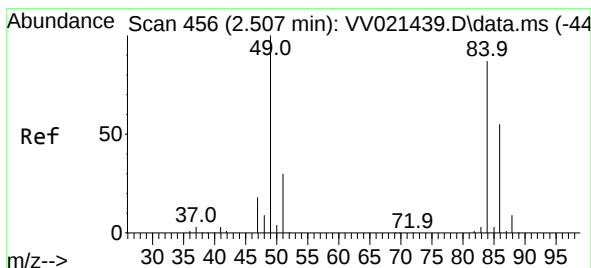
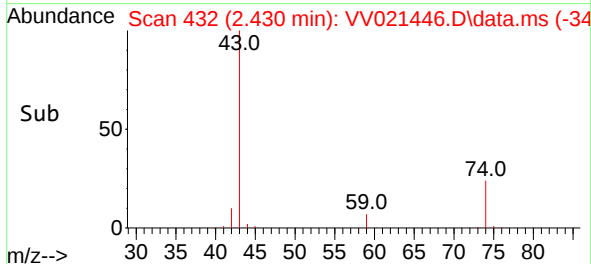
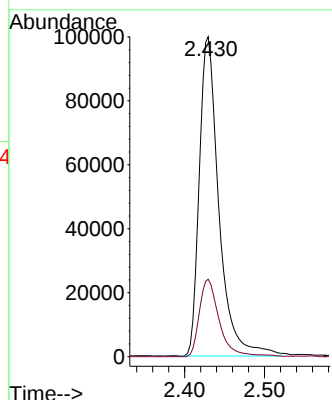
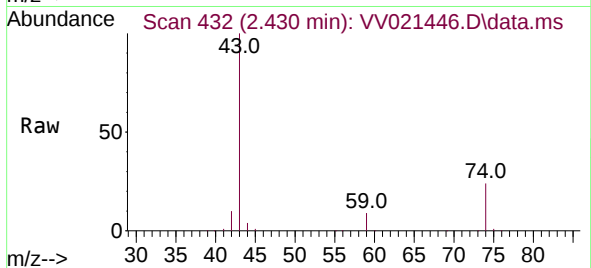




#15
Methyl Acetate
Concen: 50.22 ug/L
RT: 2.430 min Scan# 432
Delta R.T. -0.003 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

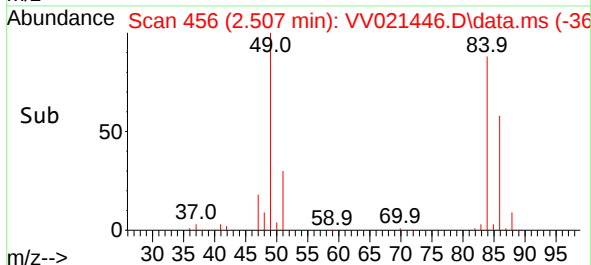
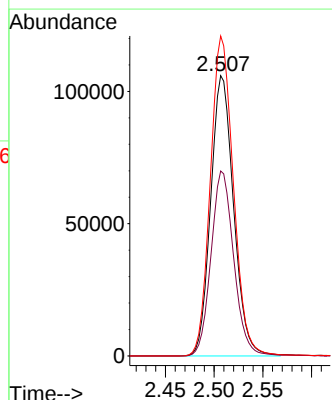
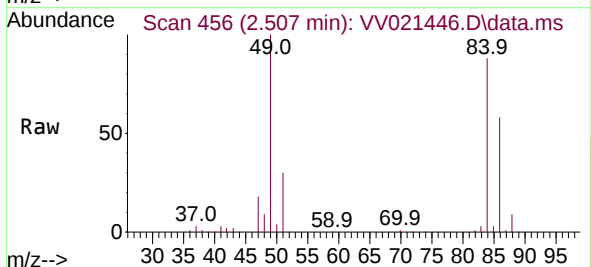
Instrument :
MSVOA_V
ClientSampled :

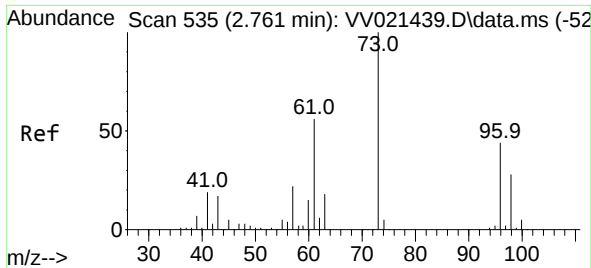
Tgt Ion: 43 Resp: 171073
Ion Ratio Lower Upper
43 100
74 24.6 20.4 30.6



#16
Methylene chloride
Concen: 48.23 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Tgt Ion: 84 Resp: 173535
Ion Ratio Lower Upper
84 100
86 66.0 44.1 81.9
49 114.1 80.8 150.0



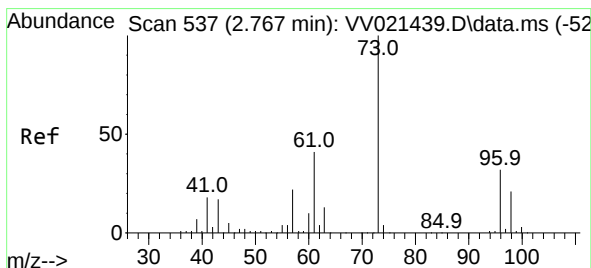
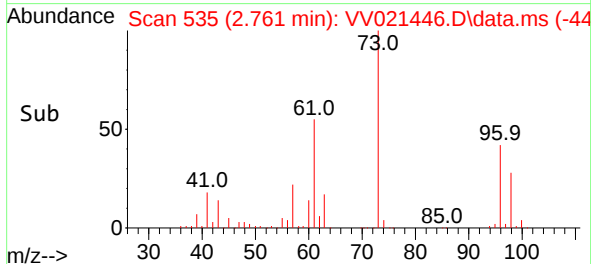
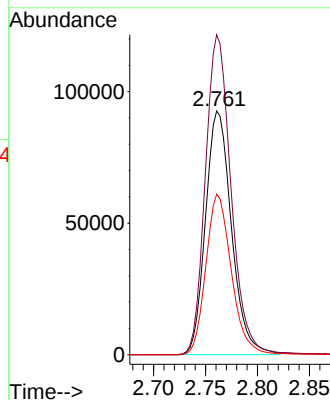
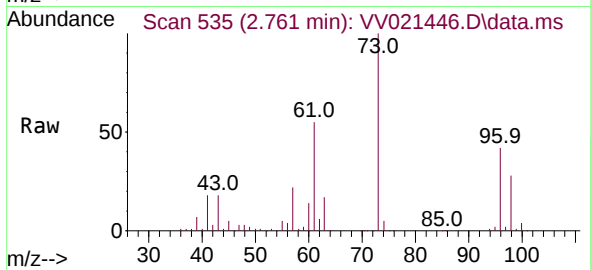


#17
 trans-1,2-Dichloroethene
 Concen: 49.23 ug/L
 RT: 2.761 min Scan# 535
 Delta R.T. 0.000 min
 Lab File: VV021446.D
 Acq: 27 May 2021 16:35

Instrument :
 MSVOA_V
 ClientSampled :

Tgt Ion: 96 Resp: 161325

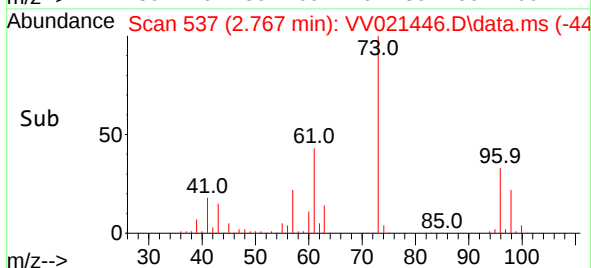
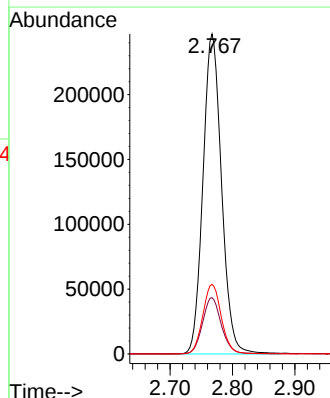
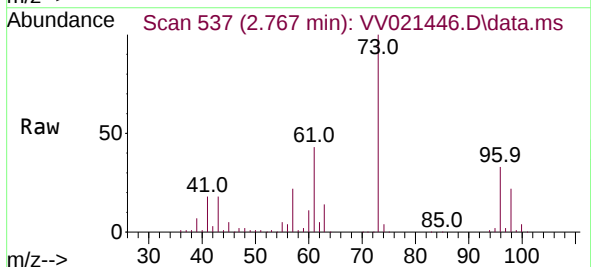
Ion	Ratio	Lower	Upper
96	100		
61	131.2	88.8	165.0
98	65.8	44.4	82.4

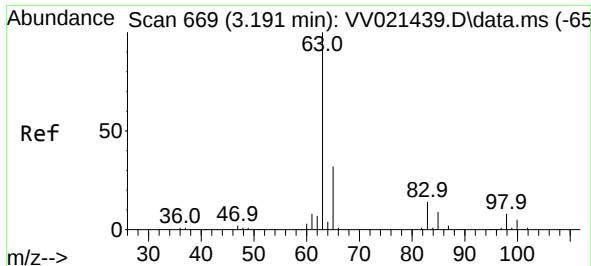


#18
 Methyl tert-butyl Ether
 Concen: 49.23 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. 0.000 min
 Lab File: VV021446.D
 Acq: 27 May 2021 16:35

Tgt Ion: 73 Resp: 511385

Ion	Ratio	Lower	Upper
73	100		
43	17.6	13.9	20.9
57	21.7	17.1	25.7

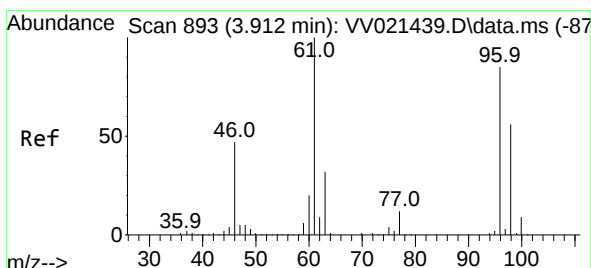
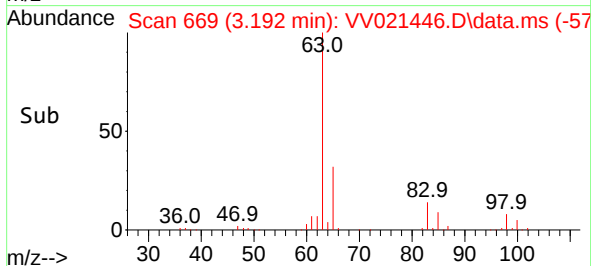
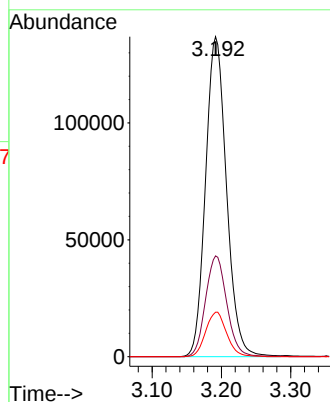
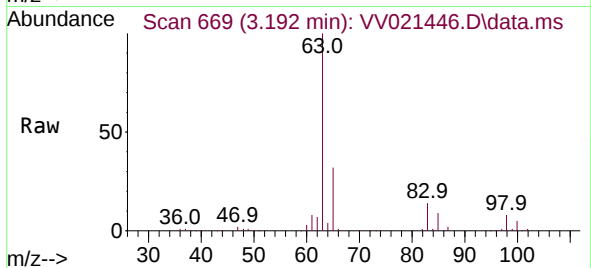




#19
1,1-Dichloroethane
Concen: 49.48 ug/L
RT: 3.192 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

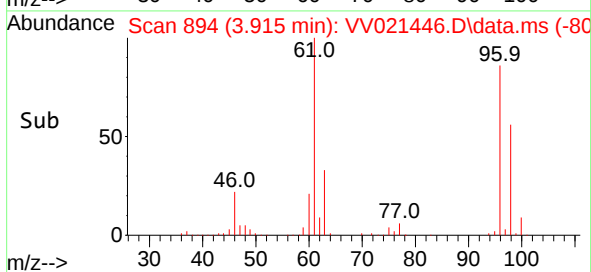
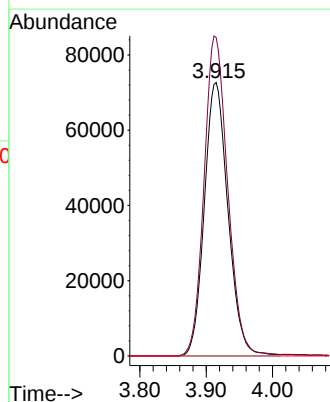
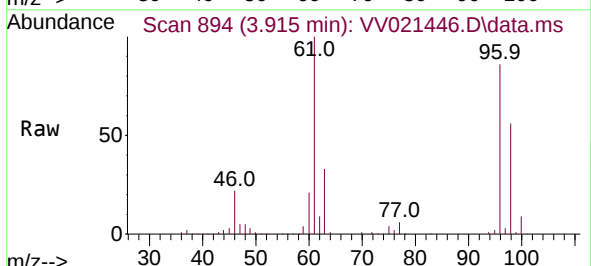
Instrument :
MSVOA_V
ClientSampleId :

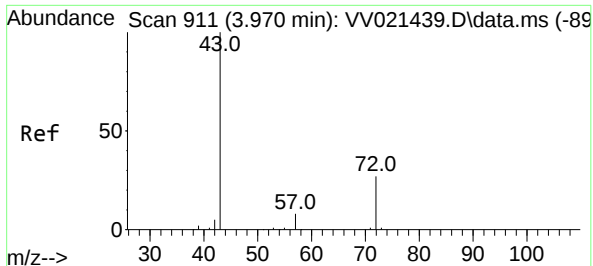
Tgt Ion:	63	Resp:	287327
Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.5	41.7
83	13.9	10.1	18.9



#20
cis-1,2-Dichloroethene
Concen: 49.28 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Tgt Ion:	96	Resp:	180658
Ion	Ratio	Lower	Upper
96	100		
61	116.5	82.4	153.0
68	0.0	0.0	0.0

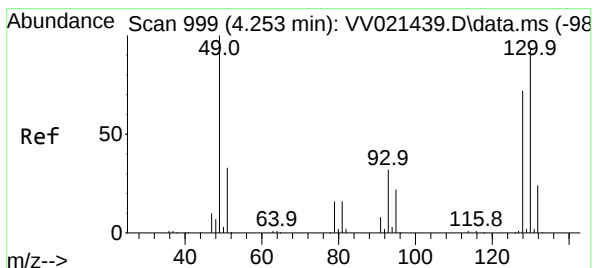
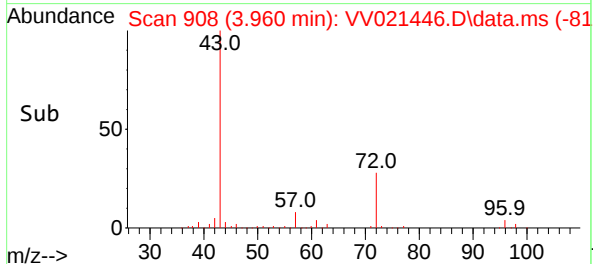
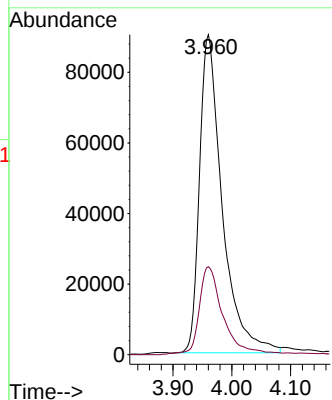
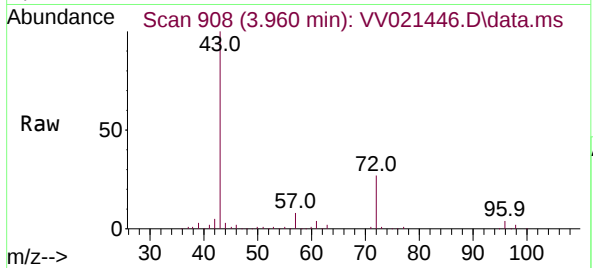




#22
2-Butanone
Concen: 95.94 ug/L
RT: 3.960 min Scan# 908
Delta R.T. -0.010 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

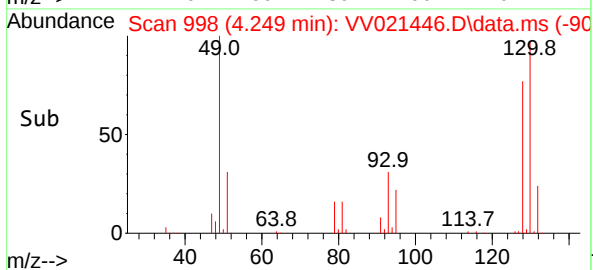
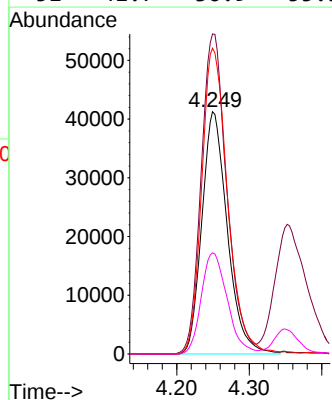
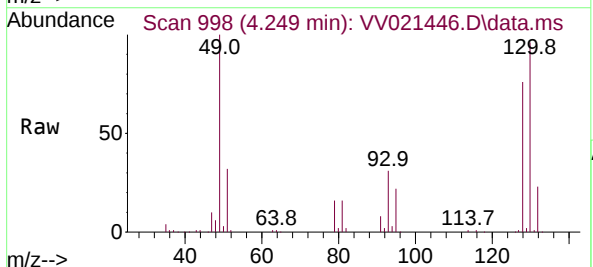
Instrument :
MSVOA_V
ClientSampled :

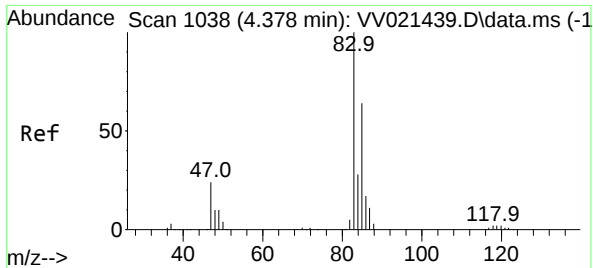
Tgt Ion: 43 Resp: 241620
Ion Ratio Lower Upper
43 100
72 28.6 13.1 39.1



#23
Bromochloromethane
Concen: 49.47 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.003 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Tgt Ion: 128 Resp: 100443
Ion Ratio Lower Upper
128 100
49 132.1 96.8 179.8
130 126.2 90.2 167.6
51 41.7 36.9 55.3





#25

Chloroform

Concen: 49.09 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV021446.D

Acq: 27 May 2021 16:35

Tgt Ion: 83 Resp: 295030

Ion Ratio Lower Upper

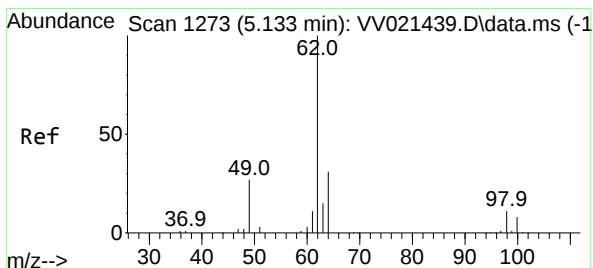
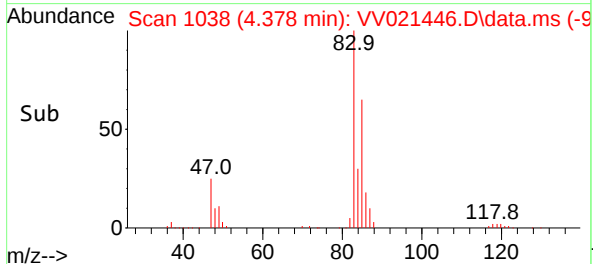
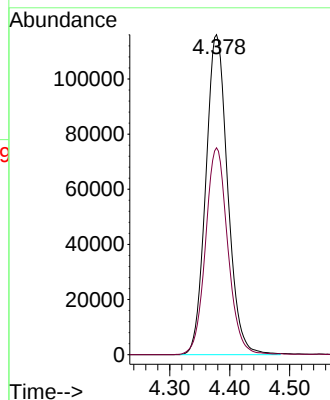
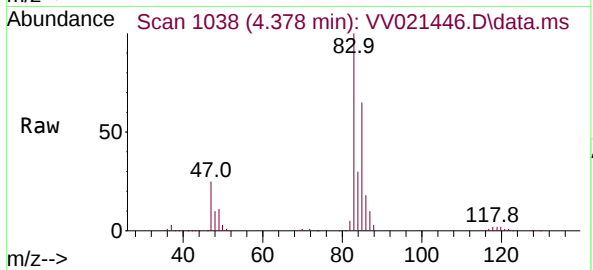
83 100

85 64.6 45.1 83.7

Instrument :

MSVOA_V

ClientSampled :



#27

1,2-Dichloroethane

Concen: 50.09 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV021446.D

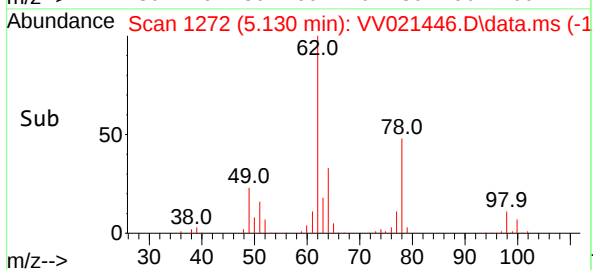
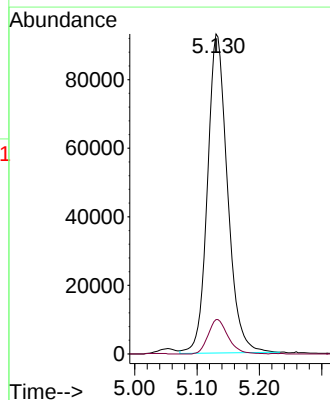
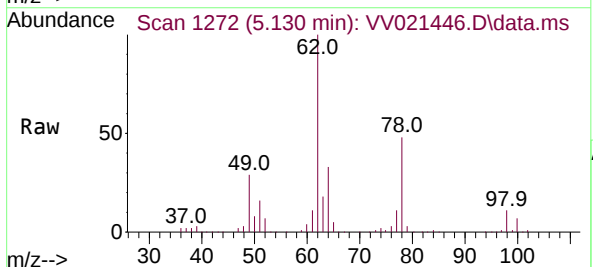
Acq: 27 May 2021 16:35

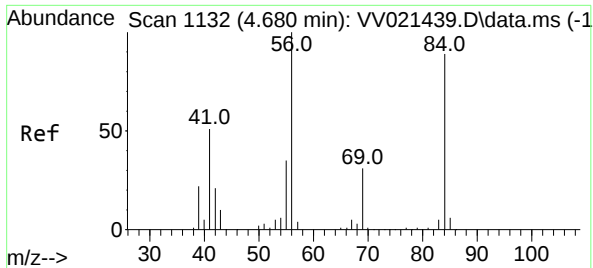
Tgt Ion: 62 Resp: 207942

Ion Ratio Lower Upper

62 100

98 10.7 8.6 12.8





#29

Cyclohexane

Concen: 48.68 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.000 min

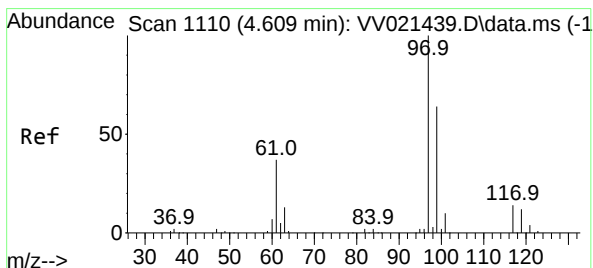
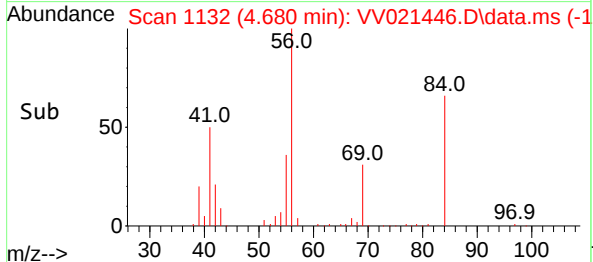
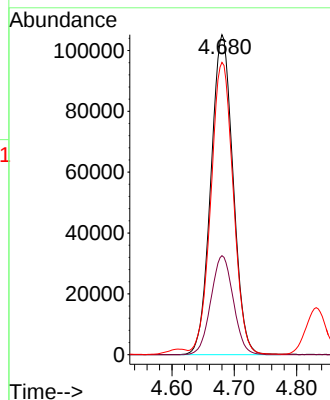
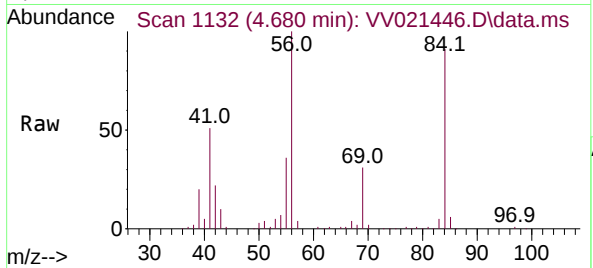
Lab File: VV021446.D

Acq: 27 May 2021 16:35

Tgt Ion: 56 Resp: 260441

Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.9	37.3
84	92.1	73.7	110.5

Instrument :
MSVOA_V
ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 48.45 ug/L

RT: 4.609 min Scan# 1110

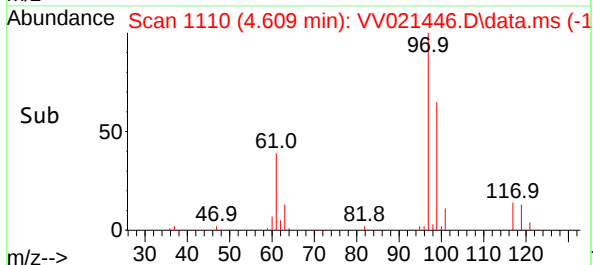
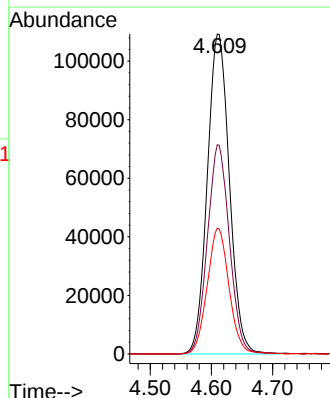
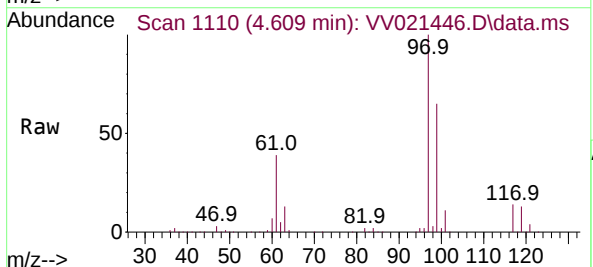
Delta R.T. 0.000 min

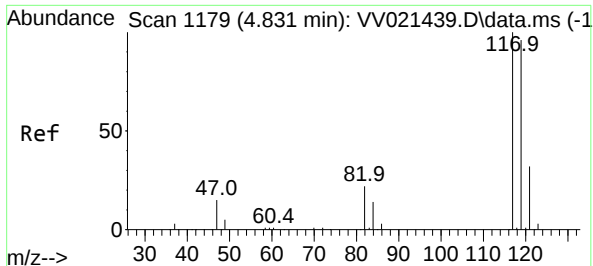
Lab File: VV021446.D

Acq: 27 May 2021 16:35

Tgt Ion: 97 Resp: 274640

Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.8	77.6
61	38.9	30.2	45.4

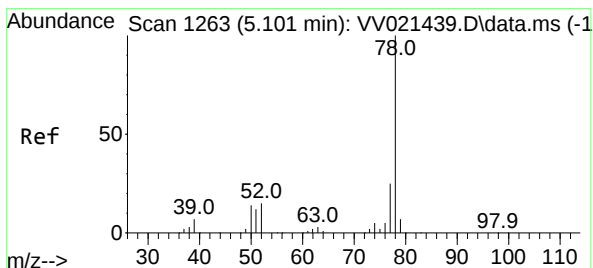
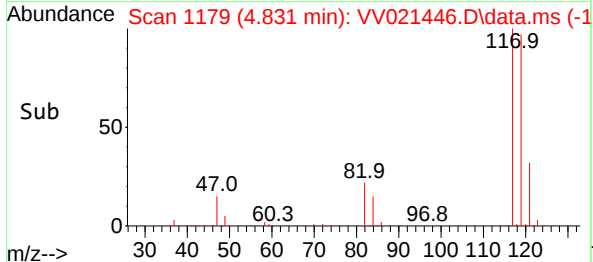
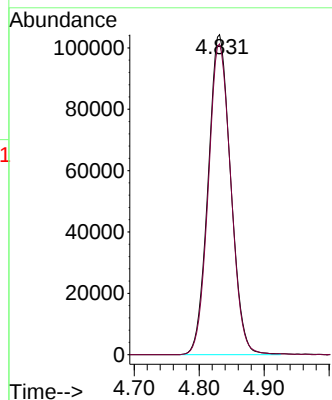
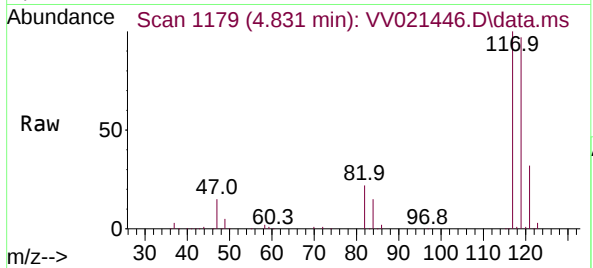




#31
Carbon tetrachloride
Concen: 48.98 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

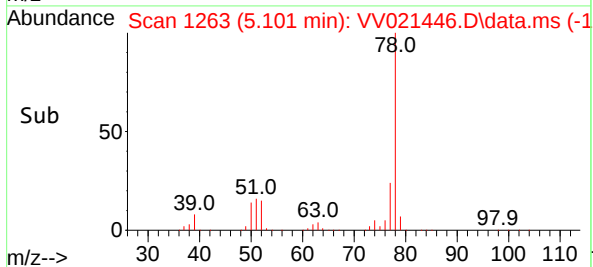
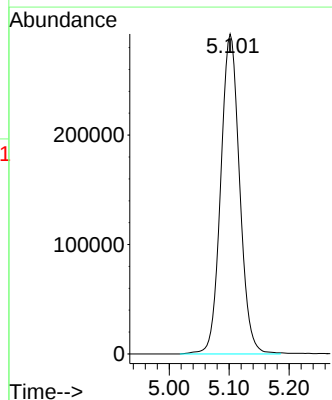
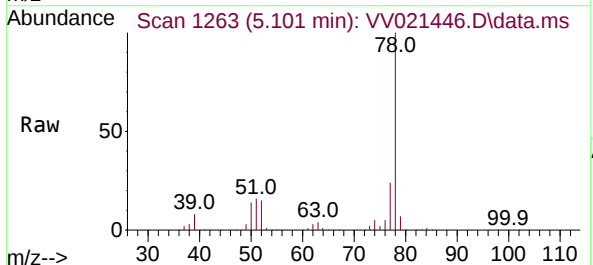
Instrument :
MSVOA_V
ClientSampled :

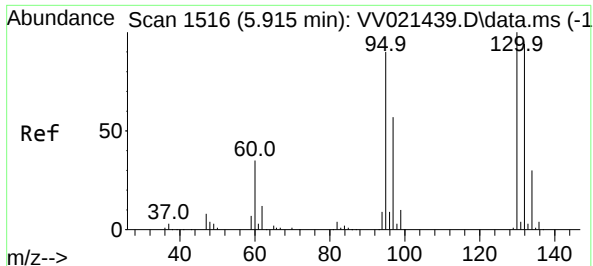
Tgt Ion:117 Resp: 252033
Ion Ratio Lower Upper
117 100
119 96.7 76.8 115.2



#33
Benzene
Concen: 48.58 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Tgt Ion: 78 Resp: 638554

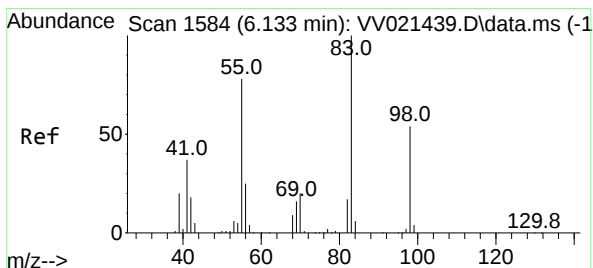
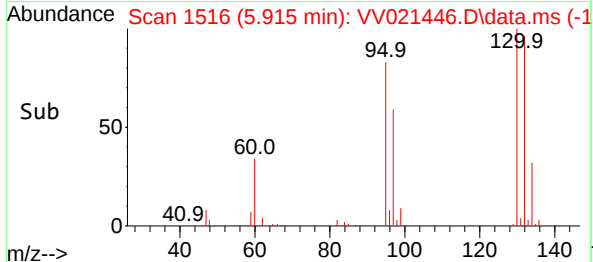
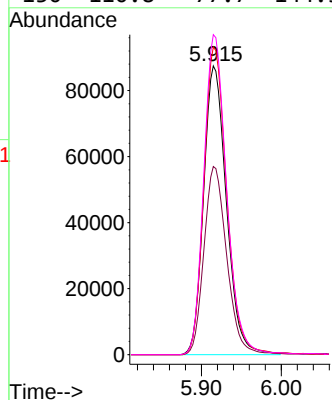
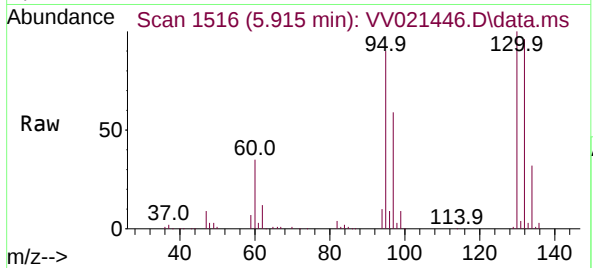




#34
Trichloroethene
Concen: 48.69 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

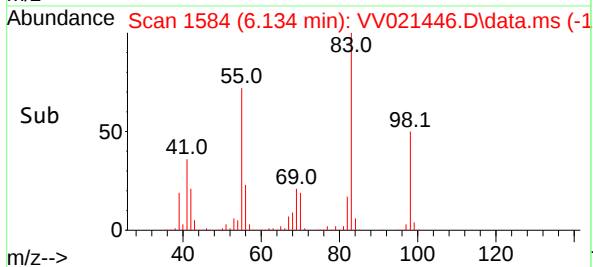
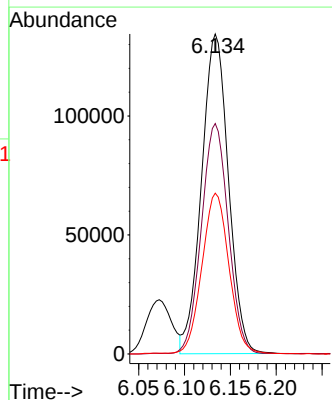
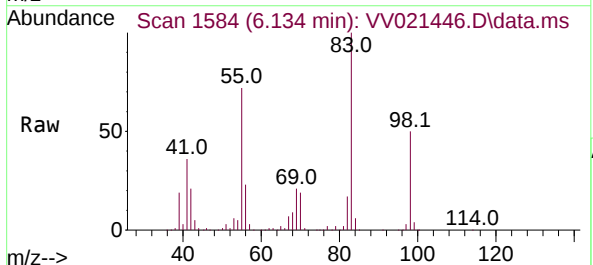
Instrument :
MSVOA_V
ClientSampleId :

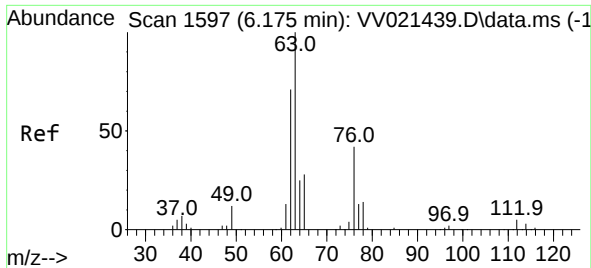
Tgt Ion: 95 Resp: 173963
Ion Ratio Lower Upper
95 100
97 65.1 44.3 82.3
132 106.5 73.2 136.0
130 110.8 77.7 144.3



#35
Methylcyclohexane
Concen: 47.88 ug/L
RT: 6.134 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Tgt Ion: 83 Resp: 274578
Ion Ratio Lower Upper
83 100
55 71.8 58.0 87.0
98 50.4 40.8 61.2

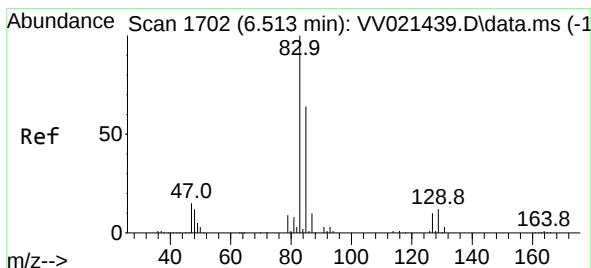
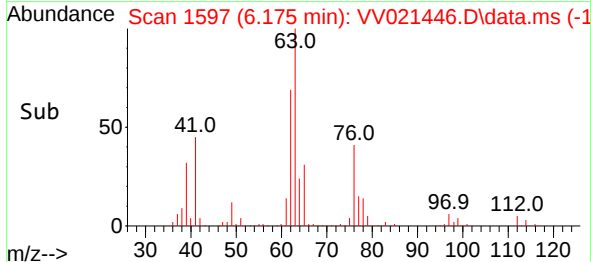
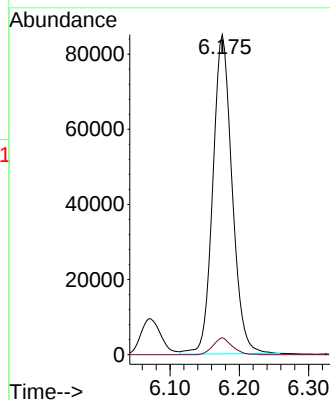
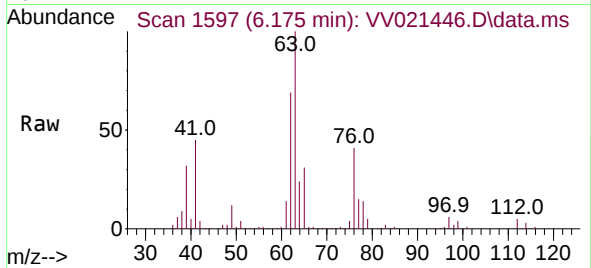




#37
1,2-Dichloropropane
Concen: 49.00 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

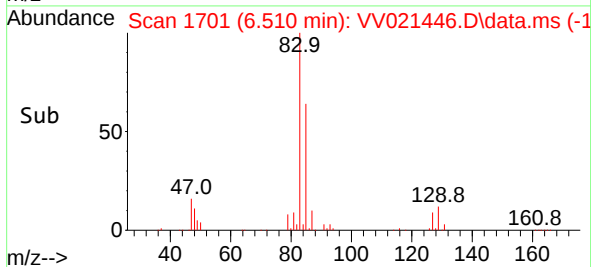
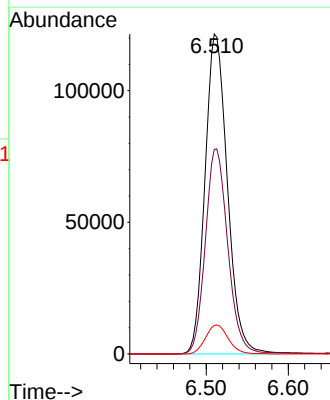
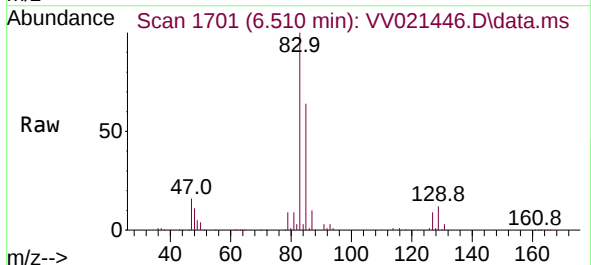
Instrument :
MSVOA_V
ClientSampleId :

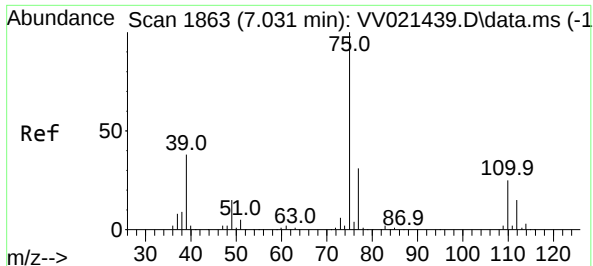
Tgt Ion: 63 Resp: 164216
Ion Ratio Lower Upper
63 100
112 5.2 4.0 6.0



#38
Bromodichloromethane
Concen: 48.98 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Tgt Ion: 83 Resp: 230322
Ion Ratio Lower Upper
83 100
85 64.0 44.6 82.8
127 8.9 7.6 11.4

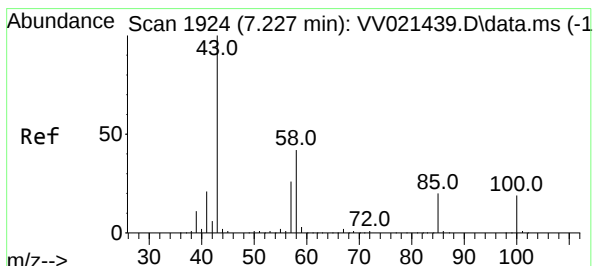
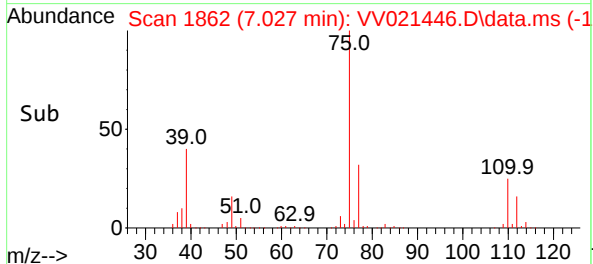
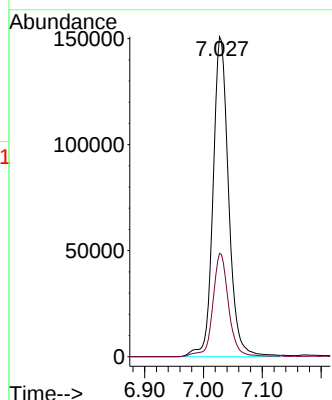
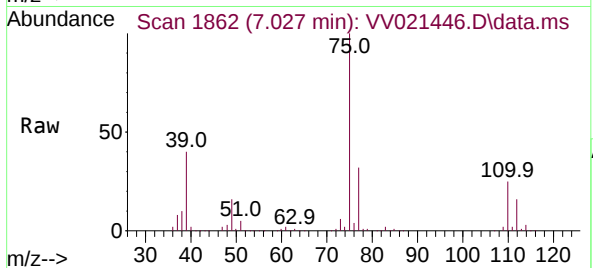




#39
 cis-1,3-Dichloropropene
 Concen: 49.41 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.003 min
 Lab File: VV021446.D
 Acq: 27 May 2021 16:35

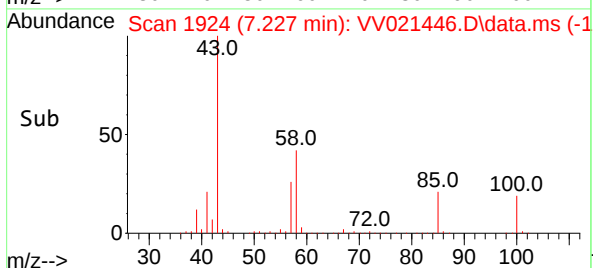
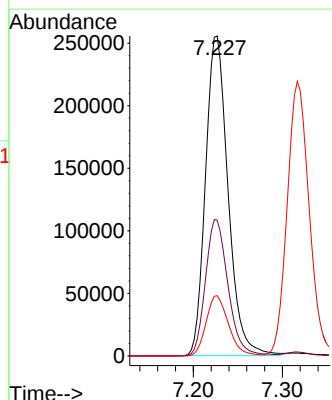
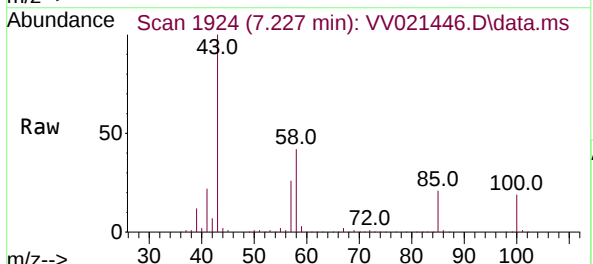
Instrument :
 MSVOA_V
 ClientSampled :

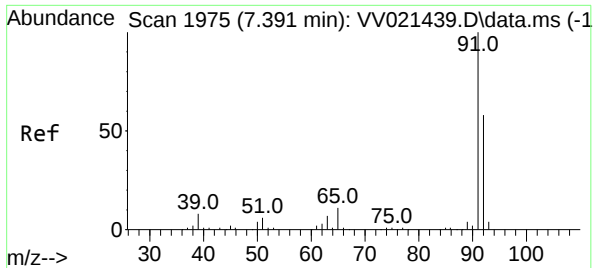
Tgt Ion: 75 Resp: 278379
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 99.02 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VV021446.D
 Acq: 27 May 2021 16:35

Tgt Ion: 43 Resp: 449944
 Ion Ratio Lower Upper
 43 100
 58 42.7 33.5 50.3
 100 18.7 14.8 22.2

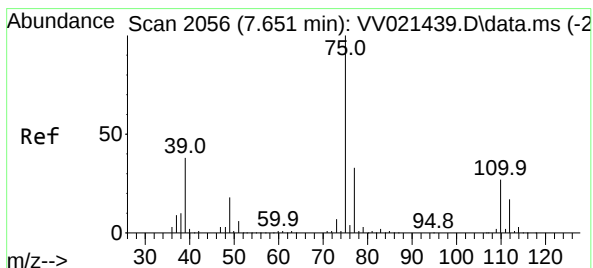
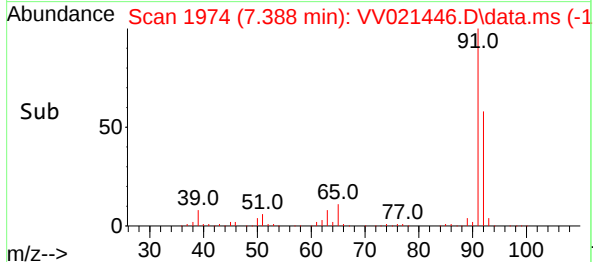
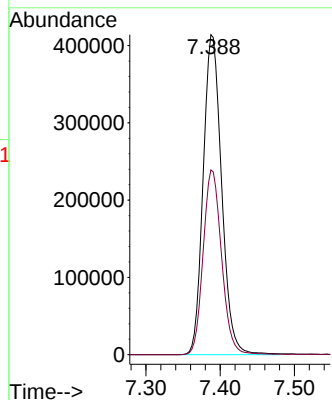
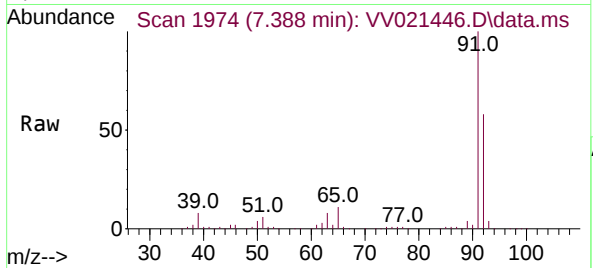




#42
Toluene
Concen: 48.95 ug/L
RT: 7.388 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

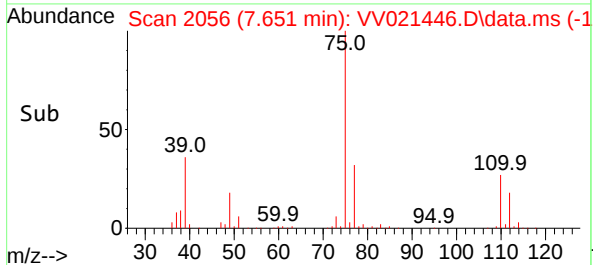
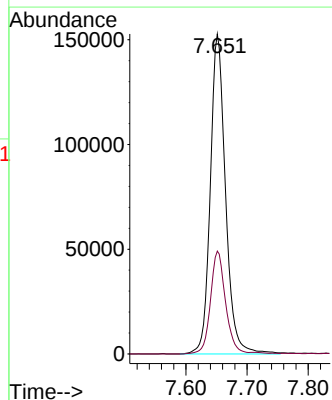
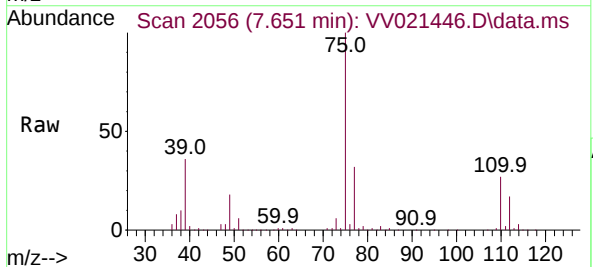
Instrument :
MSVOA_V
ClientSampled :

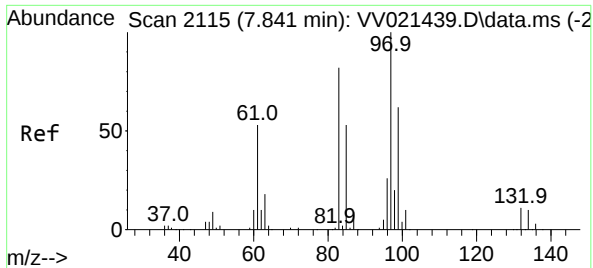
Tgt Ion: 91 Resp: 713738
Ion Ratio Lower Upper
91 100
92 57.7 40.9 75.9



#44
trans-1,3-Dichloropropene
Concen: 49.70 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Tgt Ion: 75 Resp: 264877
Ion Ratio Lower Upper
75 100
77 32.2 22.9 42.5

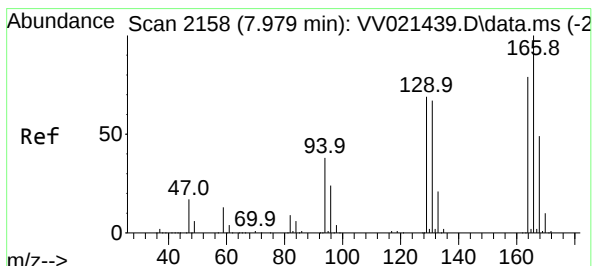
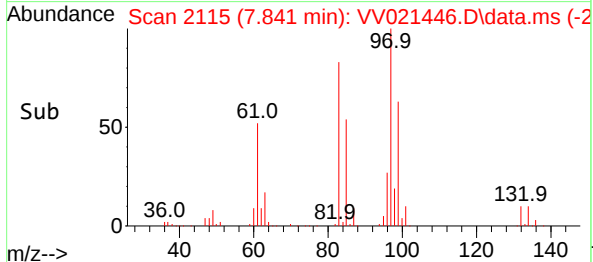
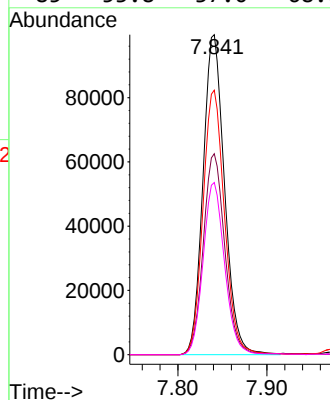
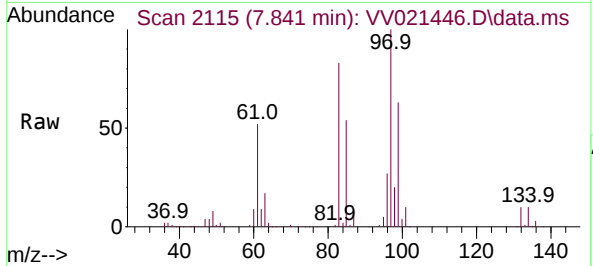




#45
1,1,2-Trichloroethane
Concen: 49.16 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

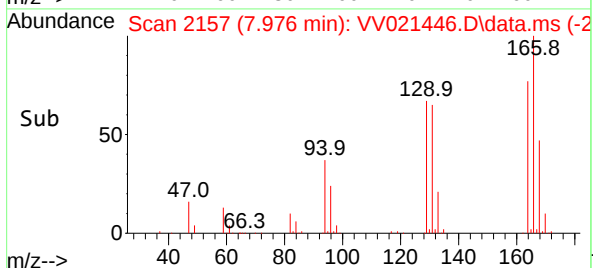
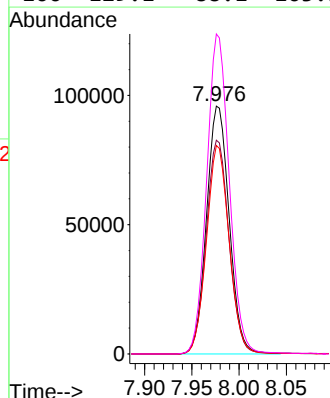
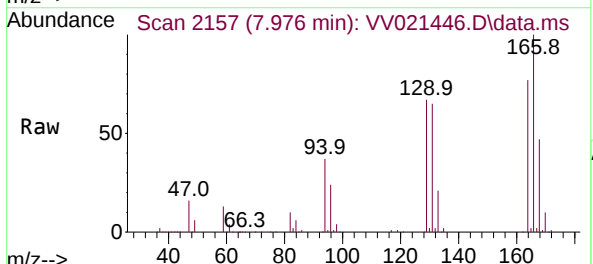
Instrument :
MSVOA_V
ClientSampled :

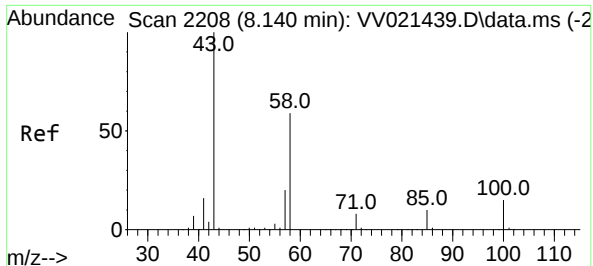
Tgt Ion:	97	Resp:	167211
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.7	81.1
83	82.6	57.1	106.1
85	53.8	37.0	68.6



#46
Tetrachloroethene
Concen: 48.79 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Tgt Ion:	164	Resp:	160255
Ion	Ratio	Lower	Upper
164	100		
129	86.2	60.5	112.3
131	84.1	58.7	108.9
166	129.1	88.1	163.5





#48

2-Hexanone

Concen: 99.39 ug/L

RT: 8.140 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VV021446.D

Acq: 27 May 2021 16:35

Tgt Ion: 43 Resp: 346350

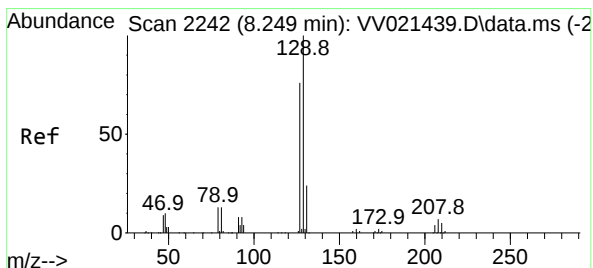
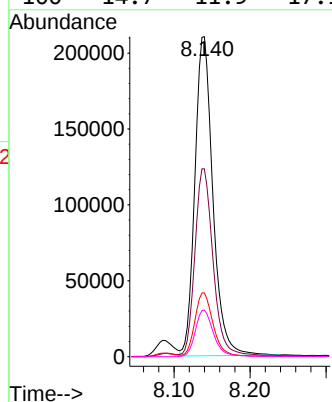
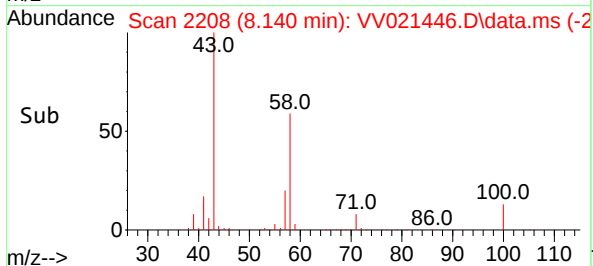
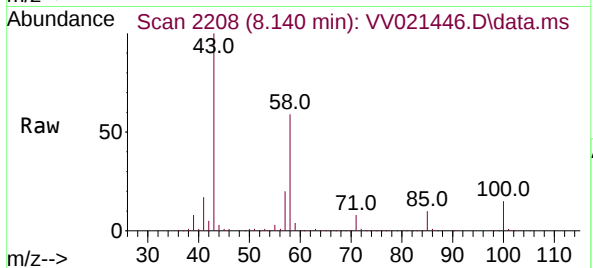
Ion Ratio Lower Upper

43 100

58 59.7 47.1 70.7

57 20.2 16.0 24.0

100 14.7 11.9 17.9



#49

Dibromochloromethane

Concen: 49.04 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.003 min

Lab File: VV021446.D

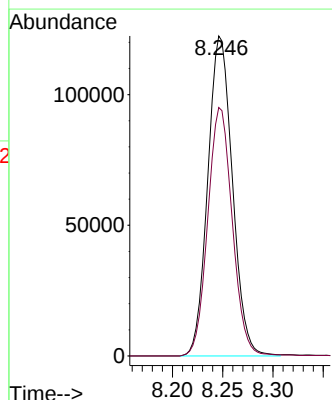
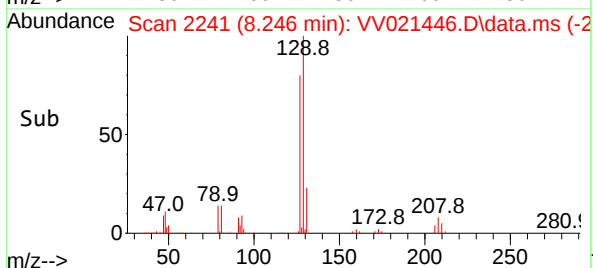
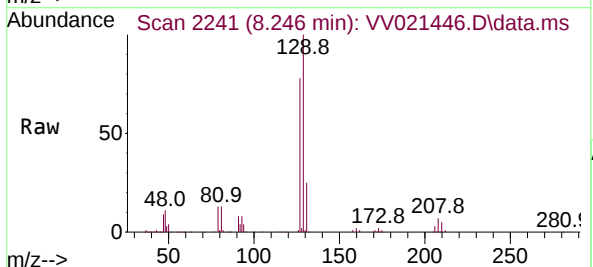
Acq: 27 May 2021 16:35

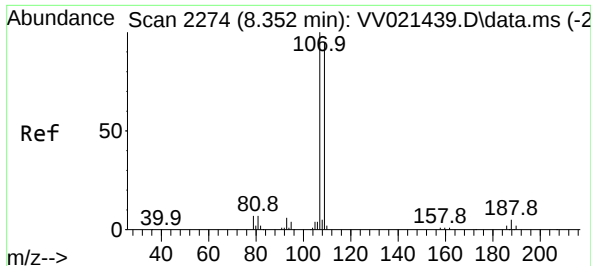
Tgt Ion: 129 Resp: 208863

Ion Ratio Lower Upper

129 100

127 77.7 53.0 98.4





#50

1,2-Dibromoethane

Concen: 48.79 ug/L

RT: 8.352 min Scan# 2274

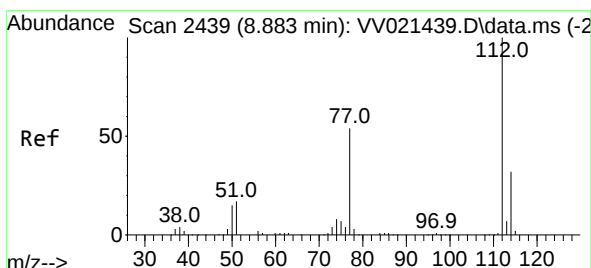
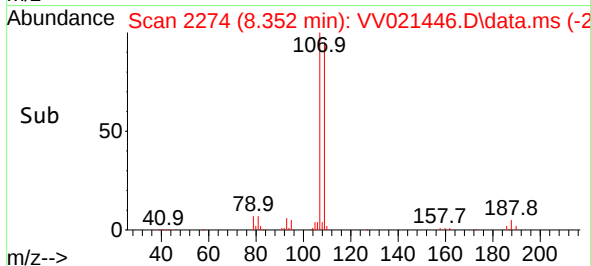
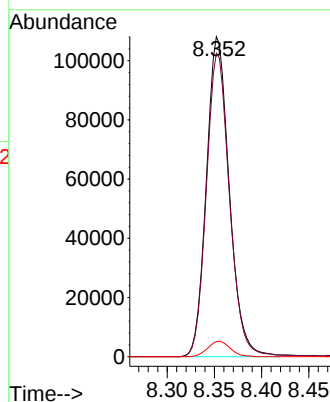
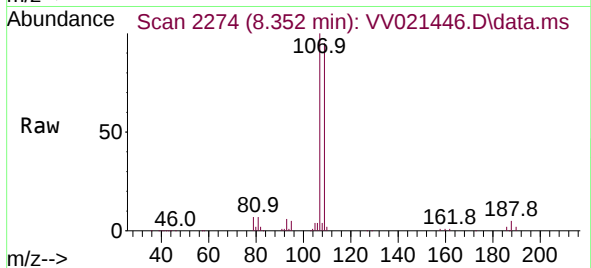
Delta R.T. 0.000 min

Lab File: VV021446.D

Acq: 27 May 2021 16:35

Tgt Ion:	107	Resp:	182631
Ion	Ratio	Lower	Upper
107	100		
109	94.8	66.7	123.9
188	4.7	3.8	5.8

Instrument :
MSVOA_V
ClientSampleId :



#51

Chlorobenzene

Concen: 48.88 ug/L

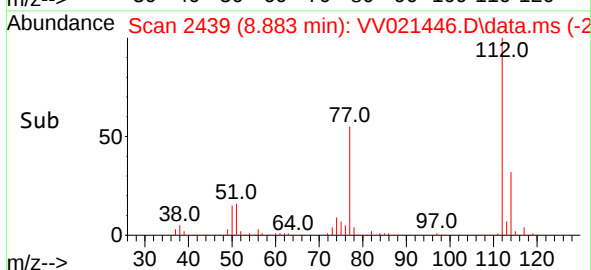
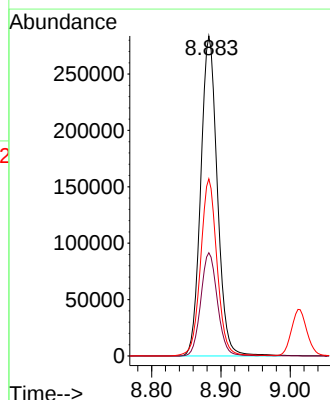
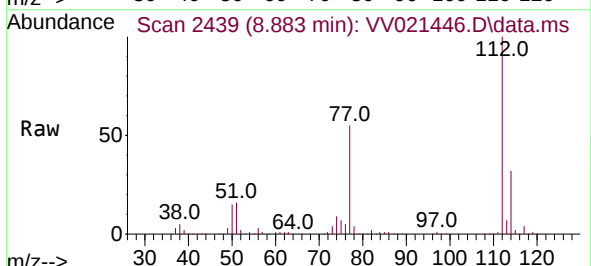
RT: 8.883 min Scan# 2439

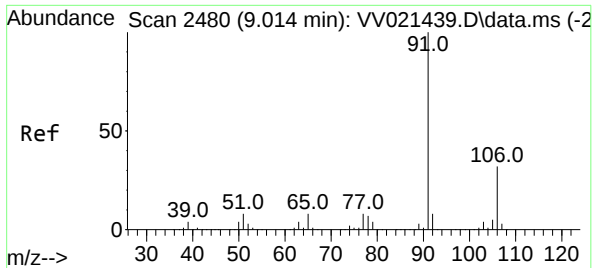
Delta R.T. 0.000 min

Lab File: VV021446.D

Acq: 27 May 2021 16:35

Tgt Ion:	112	Resp:	471175
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.9
77	55.4	43.8	65.6

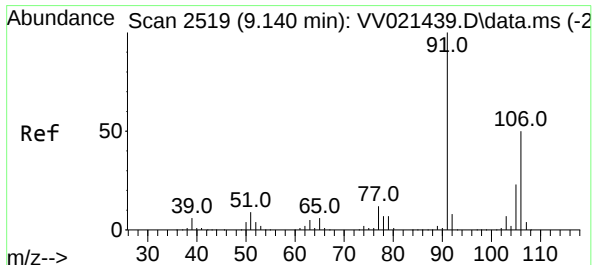
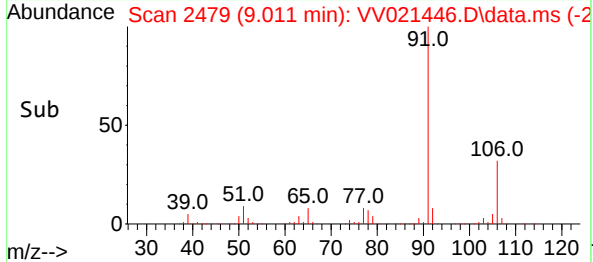
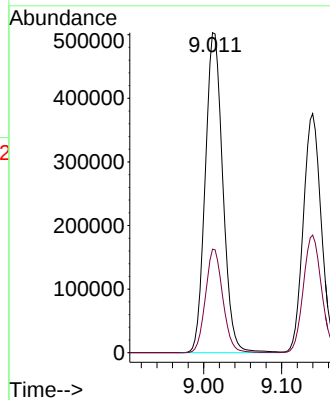
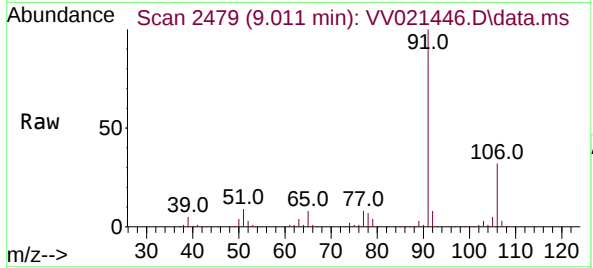




#52
Ethylbenzene
Concen: 49.38 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

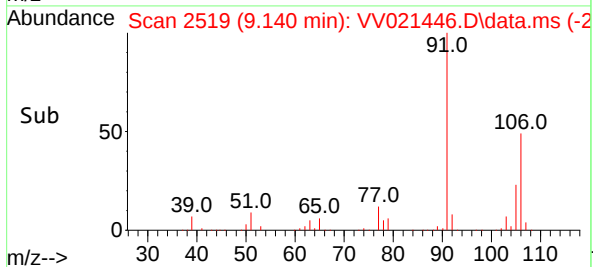
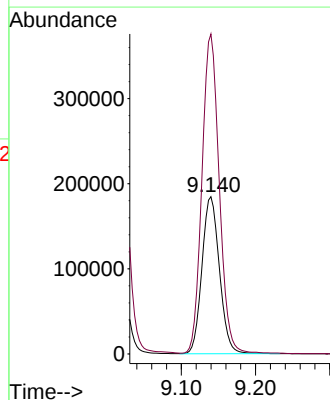
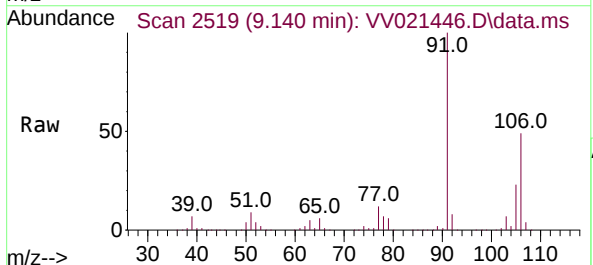
Instrument :
MSVOA_V
ClientSampled :

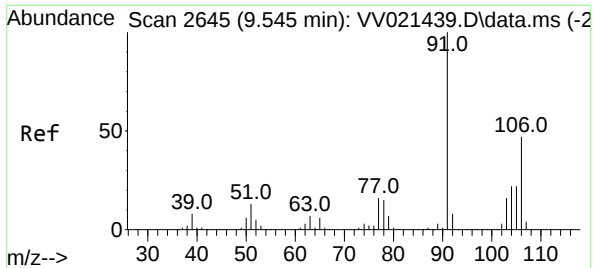
Tgt Ion: 91 Resp: 790743
Ion Ratio Lower Upper
91 100
106 32.3 22.4 41.6



#53
m,p-Xylene
Concen: 49.05 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Tgt Ion: 106 Resp: 301834
Ion Ratio Lower Upper
106 100
91 203.4 139.4 258.8

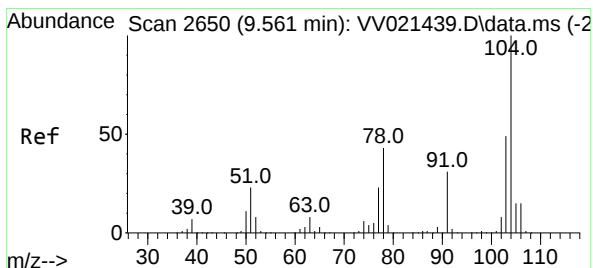
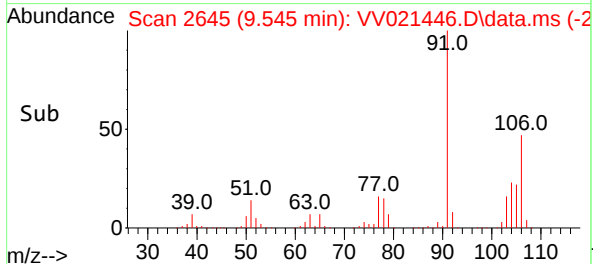
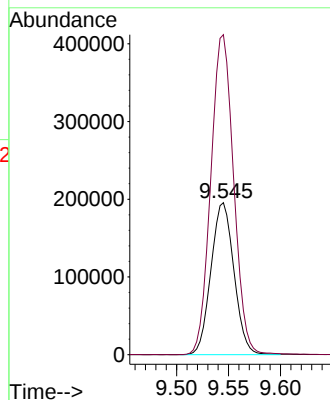
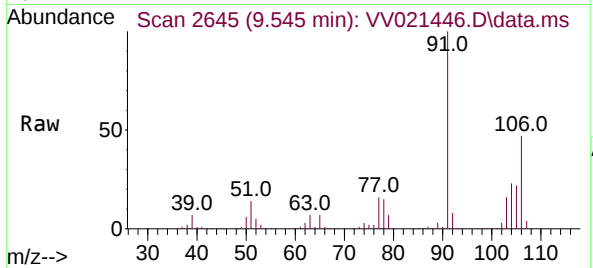




#54
o-Xylene
Concen: 49.55 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

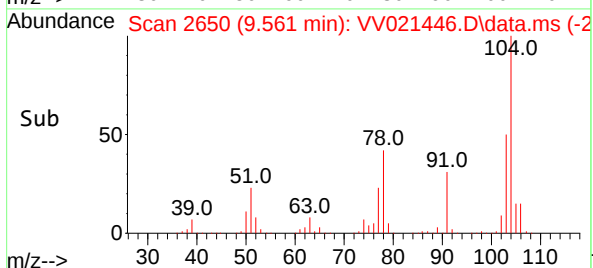
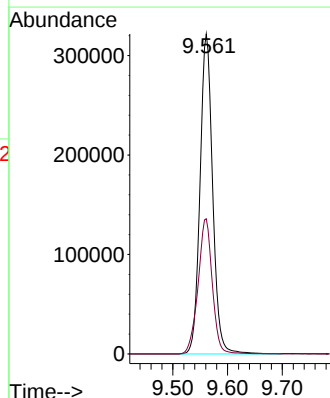
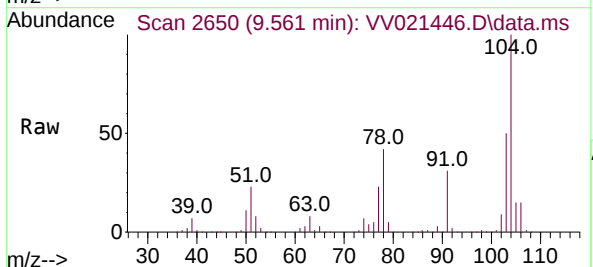
Instrument :
MSVOA_V
ClientSampled :

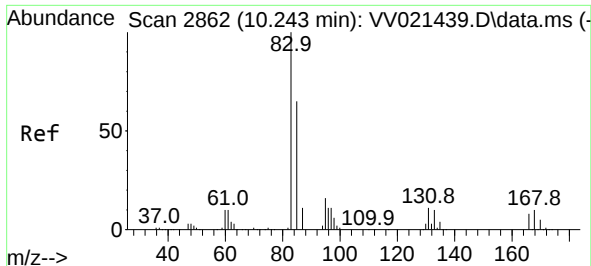
Tgt Ion:106 Resp: 301046
Ion Ratio Lower Upper
106 100
91 210.6 148.5 275.9



#55
Styrene
Concen: 49.35 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Tgt Ion:104 Resp: 516058
Ion Ratio Lower Upper
104 100
78 42.3 30.3 56.3

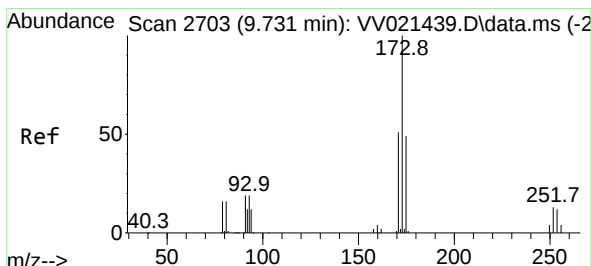
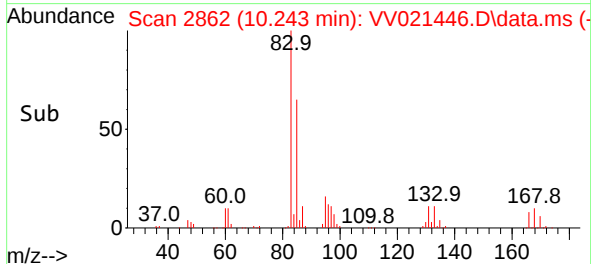
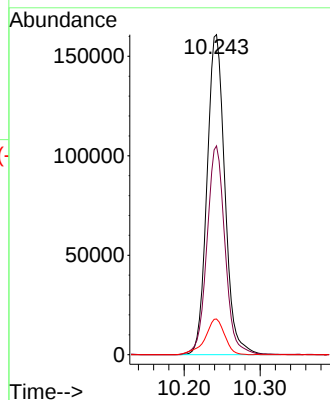
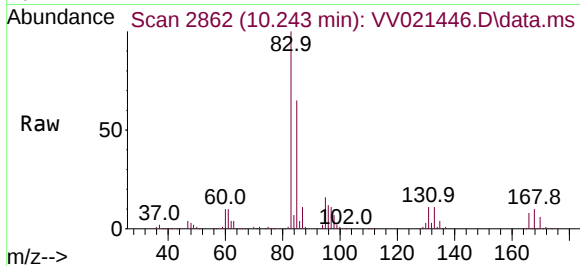




#57
1,1,2,2-Tetrachloroethane
Concen: 49.43 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

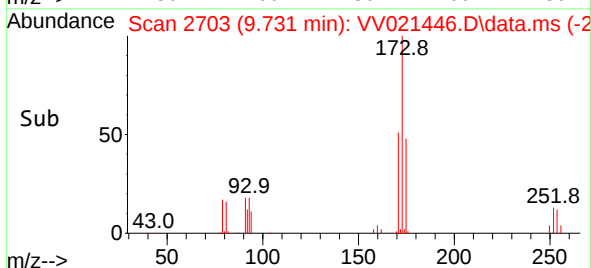
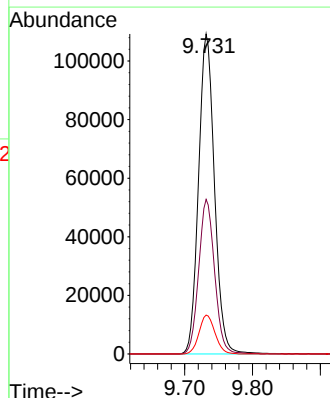
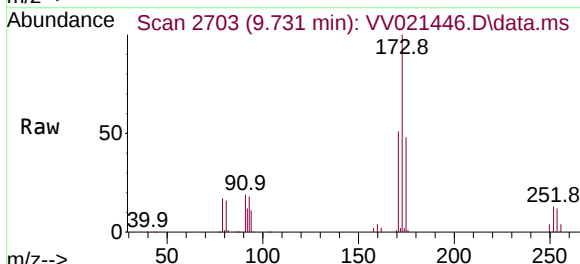
Instrument :
MSVOA_V
ClientSampleId :

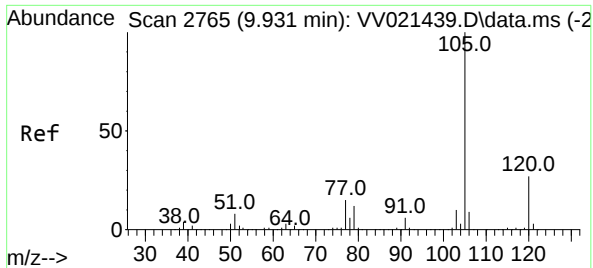
Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	45.8	85.2
131	11.2	8.7	13.1



#59
Bromoform
Concen: 49.82 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.7	58.1
254	12.2	9.8	14.8

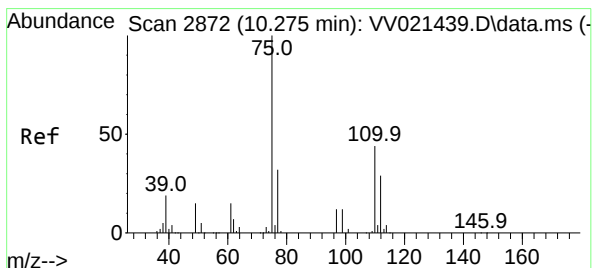
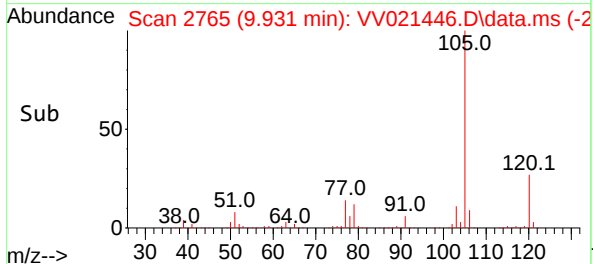
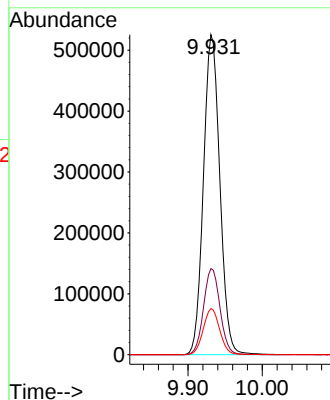
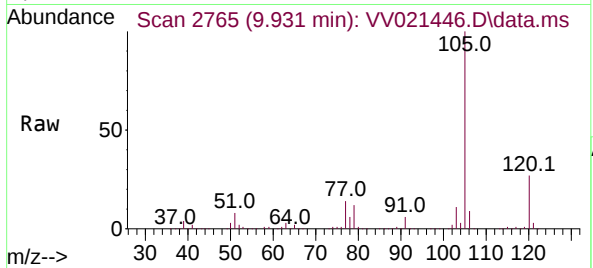




#60
Isopropylbenzene
Concen: 49.00 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

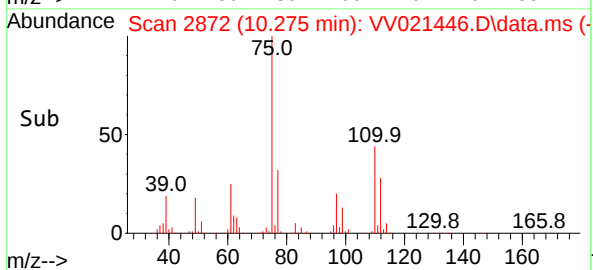
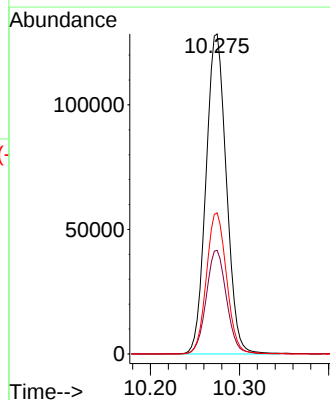
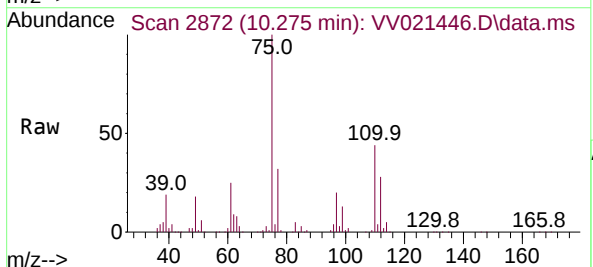
Instrument :
MSVOA_V
ClientSampled :

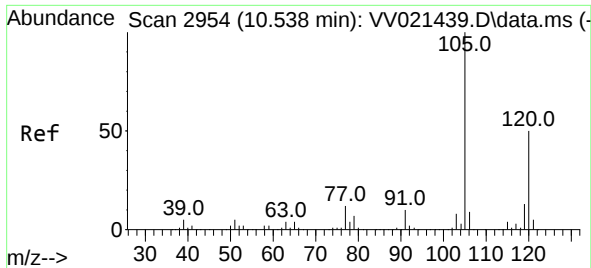
Tgt Ion:105 Resp: 806004
Ion Ratio Lower Upper
105 100
120 27.0 21.7 32.5
77 14.4 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 48.92 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Tgt Ion: 75 Resp: 204059
Ion Ratio Lower Upper
75 100
77 32.5 25.9 38.9
110 43.7 34.8 52.2

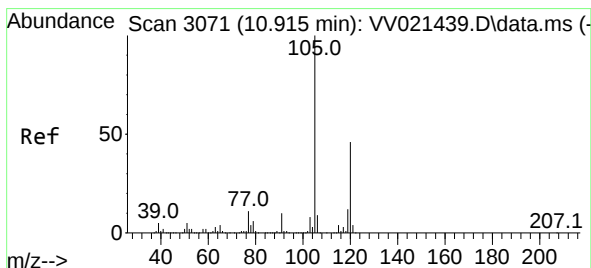
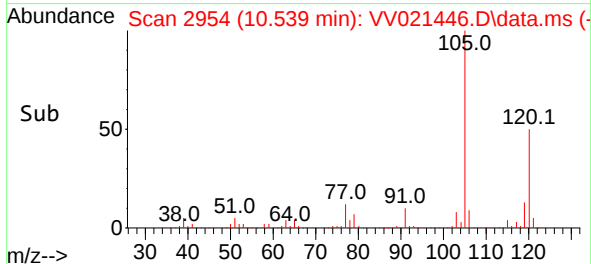
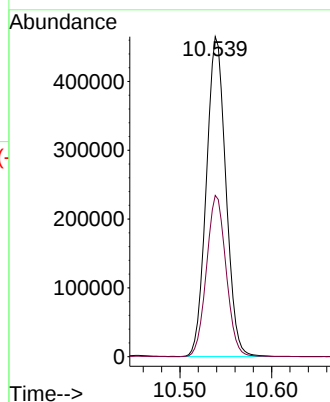
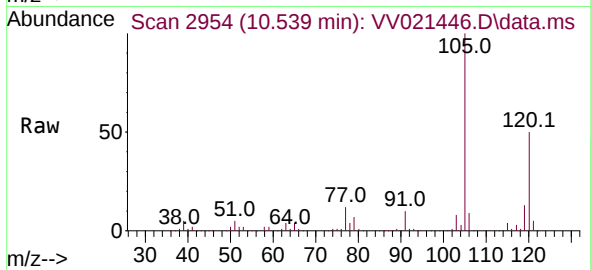




#62
1,3,5-Trimethylbenzene
Concen: 48.41 ug/L
RT: 10.539 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

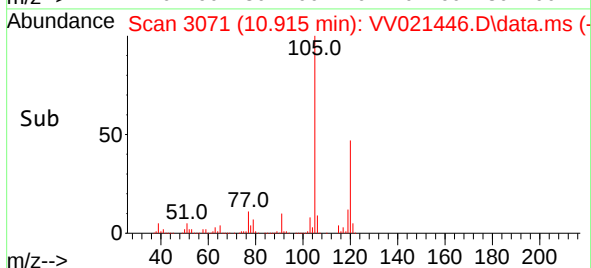
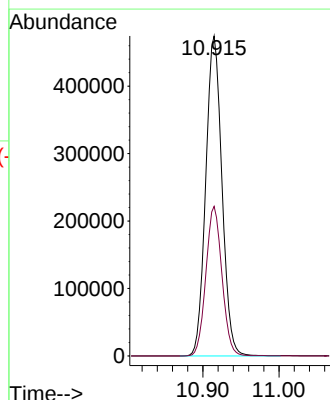
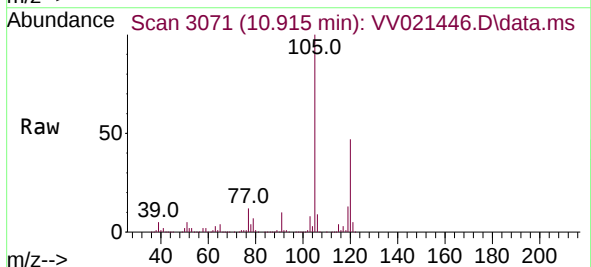
Instrument :
MSVOA_V
ClientSampled :

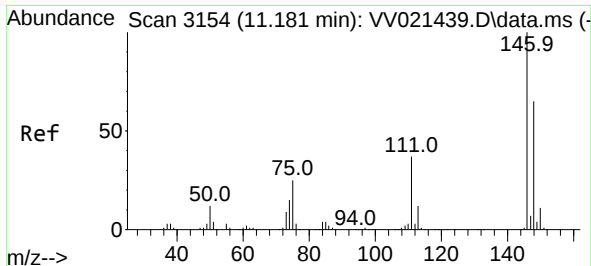
Tgt Ion:105 Resp: 685527
Ion Ratio Lower Upper
105 100
120 50.7 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 49.06 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Tgt Ion:105 Resp: 701786
Ion Ratio Lower Upper
105 100
120 46.3 37.0 55.4

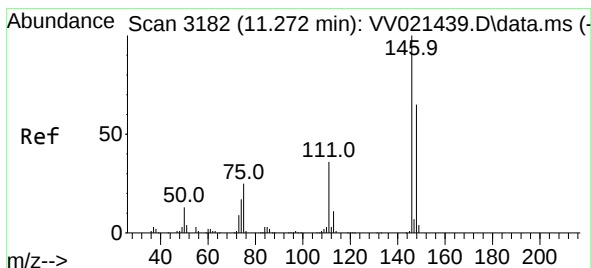
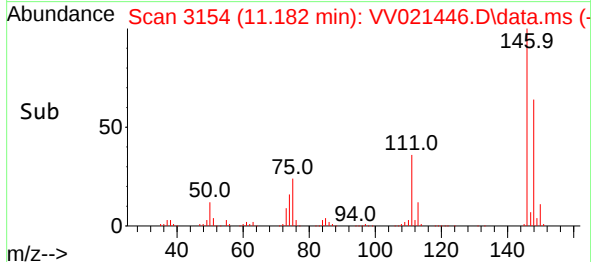
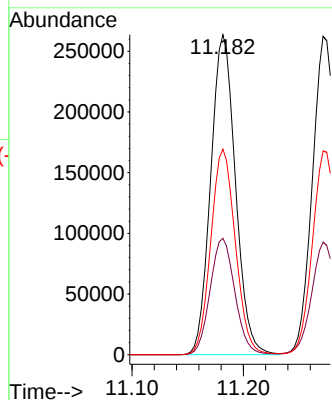
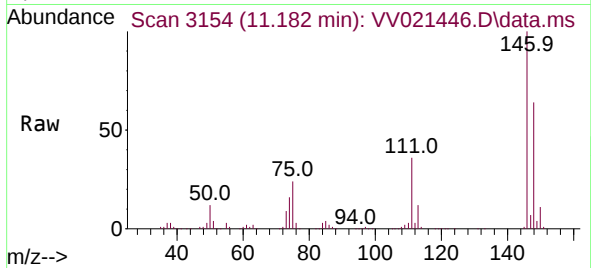




#64
1,3-Dichlorobenzene
Concen: 49.01 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

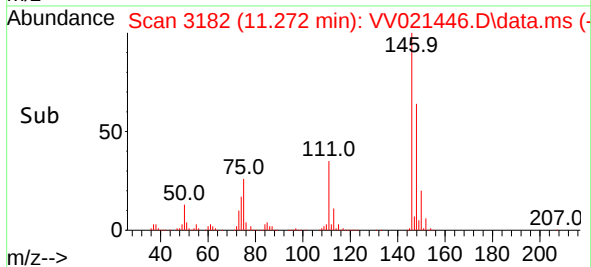
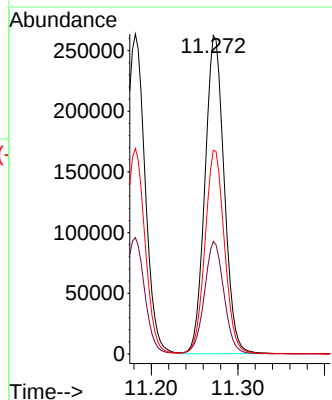
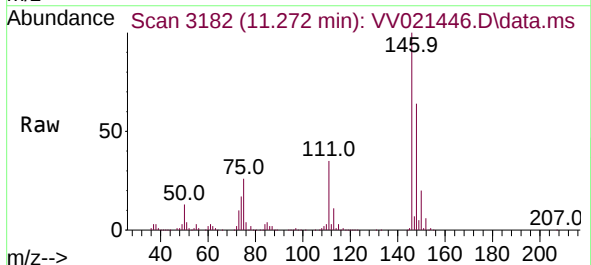
Instrument :
MSVOA_V
ClientSampled :

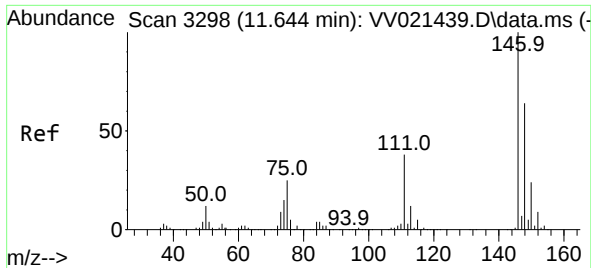
Tgt Ion:146 Resp: 407183
Ion Ratio Lower Upper
146 100
111 36.4 26.0 48.2
148 64.2 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 48.30 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Tgt Ion:146 Resp: 405111
Ion Ratio Lower Upper
146 100
111 35.4 25.4 47.2
148 64.0 45.4 84.4

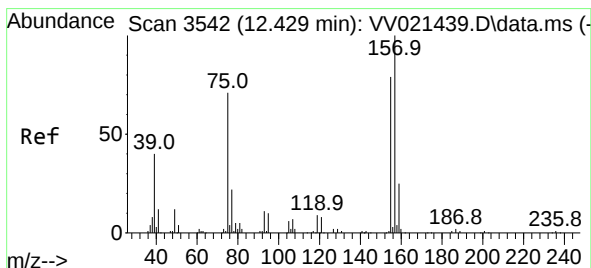
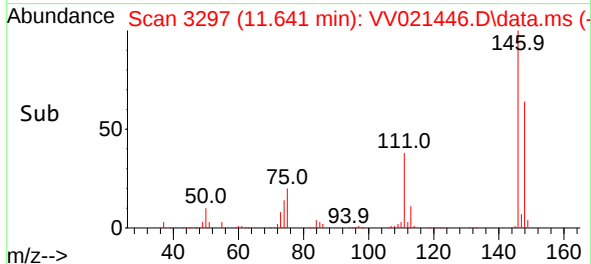
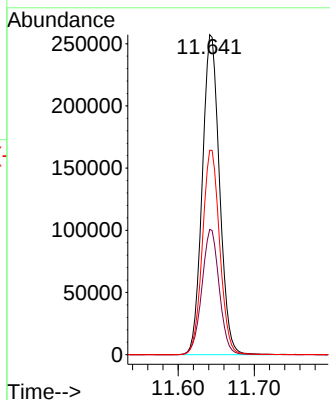
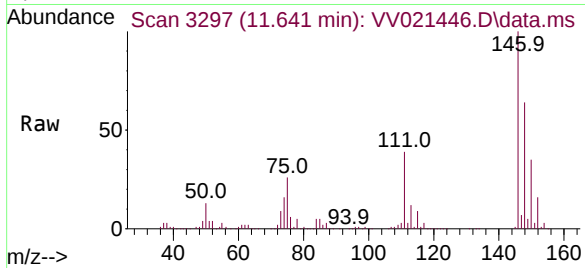




#67
1,2-Dichlorobenzene
Concen: 48.66 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.003 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

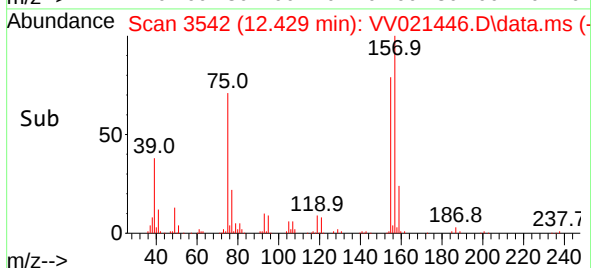
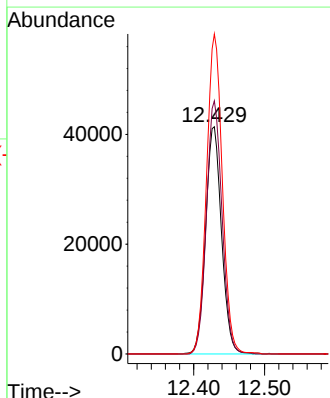
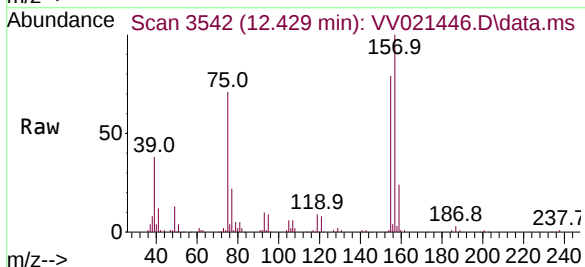
Instrument :
MSVOA_V
ClientSampleId :

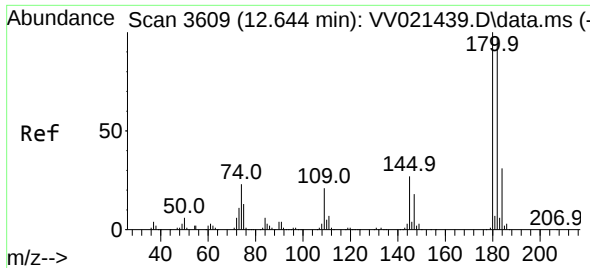
Tgt Ion:146 Resp: 404789
Ion Ratio Lower Upper
146 100
111 39.1 30.8 46.2
148 63.9 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 49.68 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Tgt Ion: 75 Resp: 64557
Ion Ratio Lower Upper
75 100
155 111.3 89.7 134.5
157 140.8 113.2 169.8

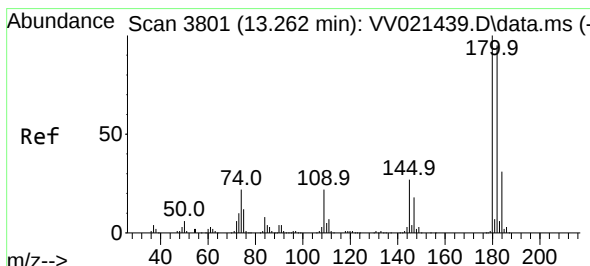
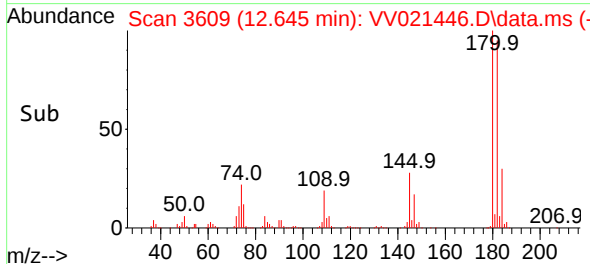
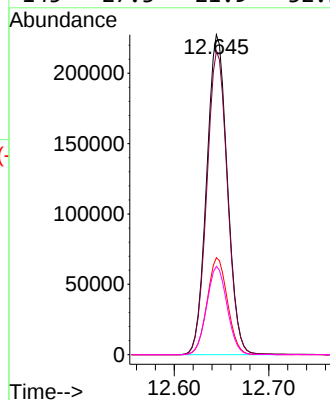
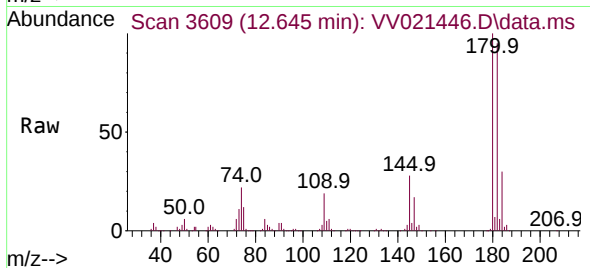




#69
1,3,5-Trichlorobenzene
Concen: 49.18 ug/L
RT: 12.645 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

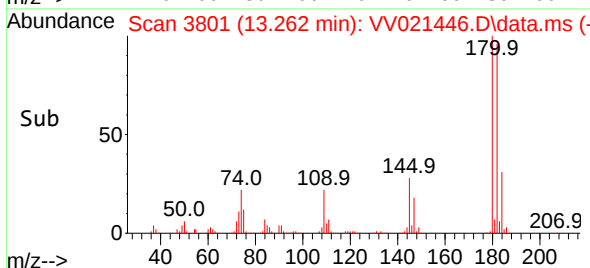
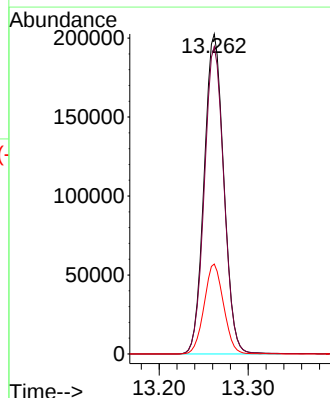
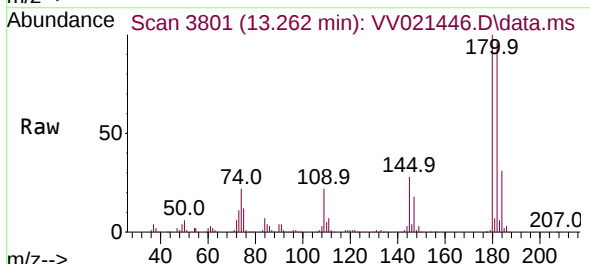
Instrument :
MSVOA_V
ClientSampleId :

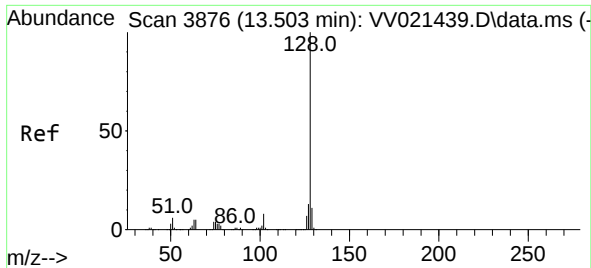
Tgt Ion:180	Resp:	344716
Ion Ratio	Lower	Upper
180	100	
182	95.1	76.8 115.2
184	29.9	24.3 36.5
145	27.3	21.9 32.9



#70
1,2,4-trichlorobenzene
Concen: 49.44 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Tgt Ion:180	Resp:	309581
Ion Ratio	Lower	Upper
180	100	
182	95.8	76.2 114.4
145	27.8	21.8 32.8

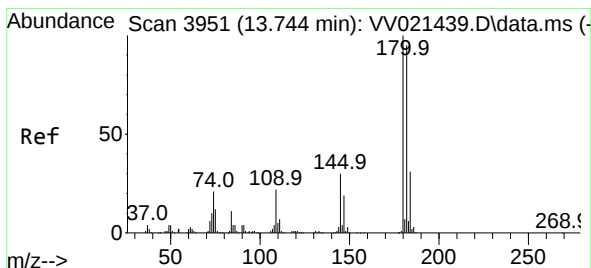
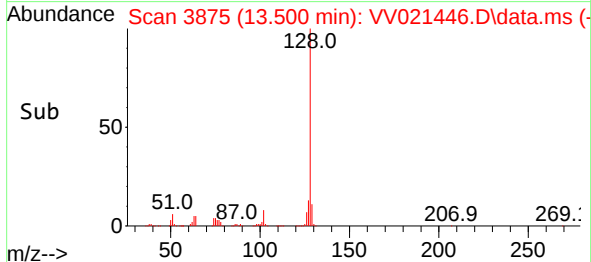
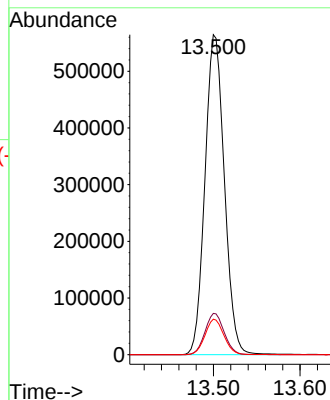
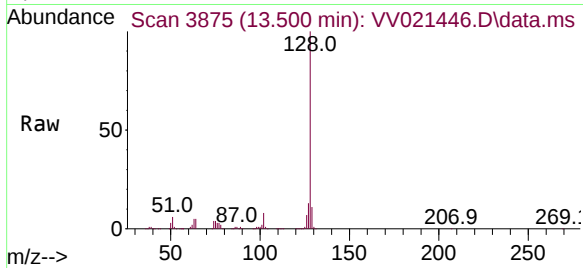




#71
Naphthalene
Concen: 50.89 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.003 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 878991
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 49.77 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021446.D
Acq: 27 May 2021 16:35

Tgt Ion:180 Resp: 303335
Ion Ratio Lower Upper
180 100
182 95.7 76.3 114.5
145 30.0 24.0 36.0

