

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092821\
 Data File : VW022358.D
 Acq On : 28 Sep 2021 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 29 01:27:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 28 02:38:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	264450	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	255094	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	140860	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	108355	48.281	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.560%
7) Chloroethane-d5	1.561	69	87101	49.068	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.140%
11) 1,1-Dichloroethene-d2	2.108	63	193253	49.527	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.060%
21) 2-Butanone-d5	3.873	46	157440	99.403	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.400%
24) Chloroform-d	4.349	84	202768	50.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.080%
26) 1,2-Dichloroethane-d4	5.031	65	120237	48.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.760%
32) Benzene-d6	5.050	84	408056	50.848	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.700%
36) 1,2-Dichloropropane-d6	6.069	67	126869	49.416	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.840%
41) Toluene-d8	7.317	98	379555	51.674	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.340%
43) trans-1,3-Dichloroprop...	7.622	79	59279	50.565	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.120%
47) 2-Hexanone-d5	8.088	63	110988	106.391	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.390%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	185500	49.775	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.540%
66) 1,2-Dichlorobenzene-d4	11.625	152	156368	49.923	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	129574	51.414	ug/L	99
3) Chloromethane	1.240	50	125951	48.868	ug/L	99
5) Vinyl chloride	1.310	62	122830	51.065	ug/L	97
6) Bromomethane	1.510	94	80161	51.917	ug/L	99
8) Chloroethane	1.577	64	75733	51.637	ug/L	99
9) Trichlorofluoromethane	1.748	101	168244	51.517	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	97002	52.976	ug/L	99
12) 1,1-Dichloroethene	2.114	96	89382	51.386	ug/L	97
13) Acetone	2.159	43	161342	129.789	ug/L	98
14) Carbon disulfide	2.291	76	275094	50.685	ug/L	100
15) Methyl Acetate	2.426	43	118740	51.247	ug/L	98
16) Methylene chloride	2.503	84	111476	45.984	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	100939	50.318	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	306455	51.372	ug/L	100
19) 1,1-Dichloroethane	3.188	63	182184	50.314	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	107270	50.208	ug/L	99
22) 2-Butanone	3.953	43	192073	117.455	ug/L	99
23) Bromochloromethane	4.246	128	58784	50.751	ug/L	98
25) Chloroform	4.375	83	183074	49.081	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092821\
 Data File : VW022358.D
 Acq On : 28 Sep 2021 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

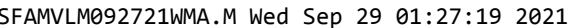
Instrument :
 MSVOA_V
 ClientSampleId :

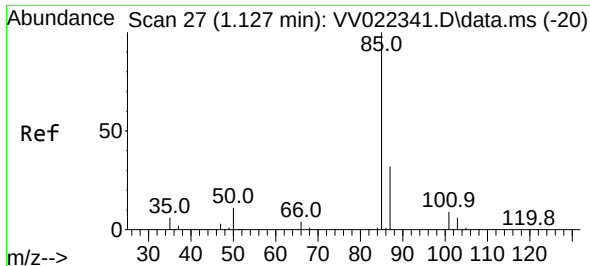
Quant Time: Sep 29 01:27:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 28 02:38:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	133759	50.429	ug/L	100
29) Cyclohexane	4.677	56	160150	53.577	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	160110	52.293	ug/L	100
31) Carbon tetrachloride	4.828	117	140977	52.281	ug/L	98
33) Benzene	5.098	78	414572	53.254	ug/L	100
34) Trichloroethene	5.915	95	103878	51.887	ug/L	99
35) Methylcyclohexane	6.133	83	169188	54.858	ug/L	99
37) 1,2-Dichloropropane	6.172	63	108046	54.080	ug/L	100
38) Bromodichloromethane	6.510	83	131506	51.479	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	153225	52.106	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	297454	105.806	ug/L	99
42) Toluene	7.387	91	443126	53.327	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	152269	54.232	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	105135	51.706	ug/L	98
46) Tetrachloroethene	7.976	164	88562	53.726	ug/L	97
48) 2-Hexanone	8.140	43	249524	116.873	ug/L	100
49) Dibromochloromethane	8.246	129	113219	52.621	ug/L	98
50) 1,2-Dibromoethane	8.352	107	113743	52.333	ug/L	98
51) Chlorobenzene	8.883	112	281386	51.472	ug/L	100
52) Ethylbenzene	9.014	91	464223	53.336	ug/L	100
53) m,p-Xylene	9.140	106	183562	54.764	ug/L	99
54) o-Xylene	9.545	106	177049	54.361	ug/L	97
55) Styrene	9.561	104	310891	54.904	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	170904	50.779	ug/L	98
59) Bromoform	9.731	173	80686	51.057	ug/L	99
60) Isopropylbenzene	9.934	105	467702	53.904	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	131283	49.956	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	388754	54.370	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	399205	55.327	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	229189	52.107	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	231421	51.655	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	233345	51.951	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	35099	50.581	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	170558	53.752	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	139860	52.093	ug/L	98
71) Naphthalene	13.503	128	450373	54.749	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	150315	54.225	ug/L	99

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

Quant Time: Sep 29 01:27:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 28 02:38:12 2021
Response via : Initial Calibration

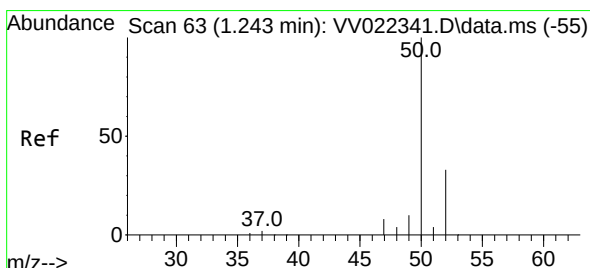
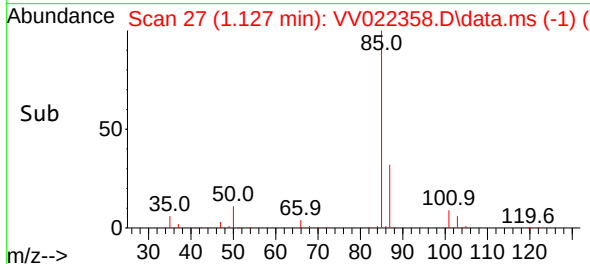
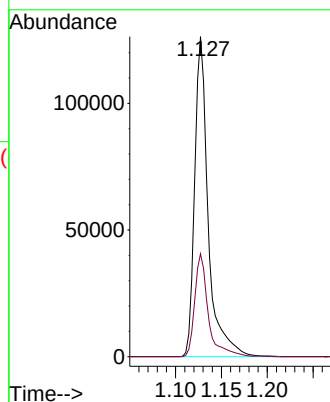
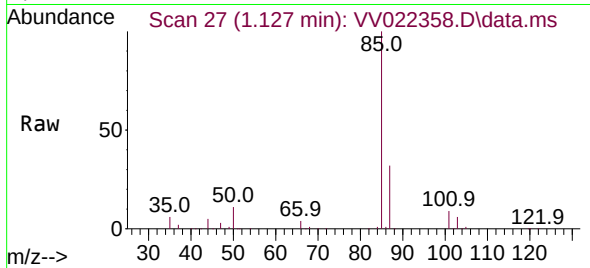




#2
 Dichlorodifluoromethane
 Concen: 51.414 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022358.D
 Acq: 28 Sep 2021 09:52

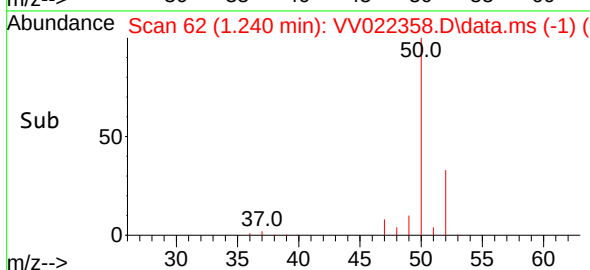
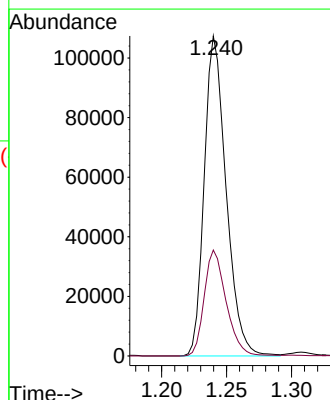
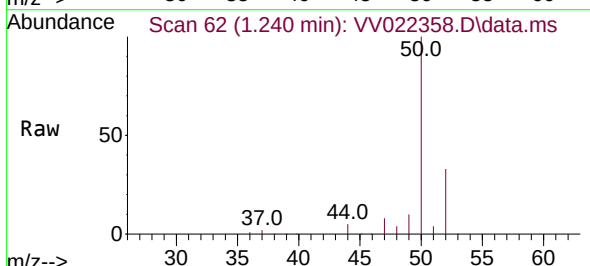
Instrument :
 MSVOA_V
 ClientSampled :

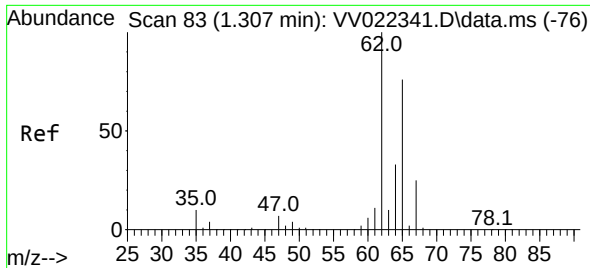
Tgt Ion: 85 Resp: 129574
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.2 39.2



#3
 Chloromethane
 Concen: 48.868 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV022358.D
 Acq: 28 Sep 2021 09:52

Tgt Ion: 50 Resp: 125951
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.0 42.6

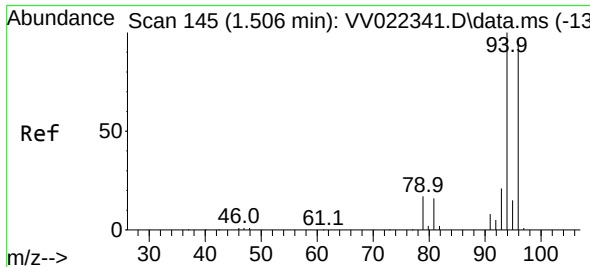
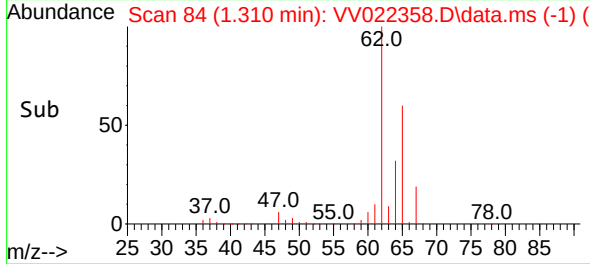
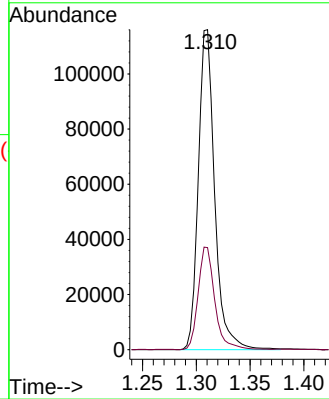
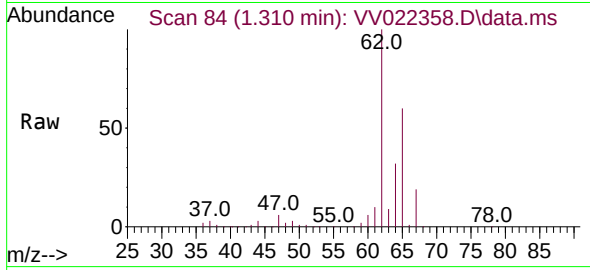




#5
 Vinyl chloride
 Concen: 51.065 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022358.D
 Acq: 28 Sep 2021 09:52

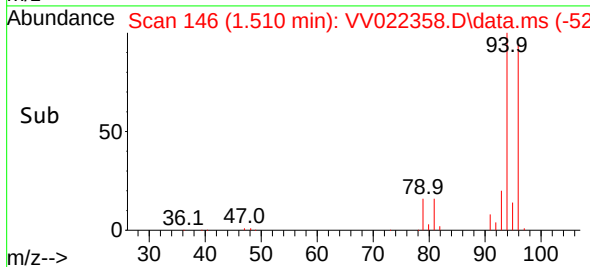
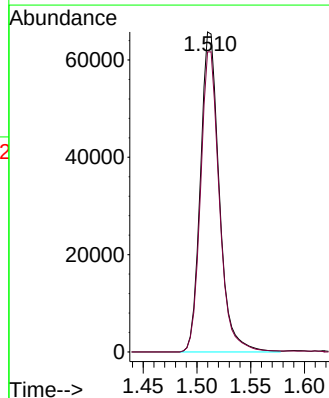
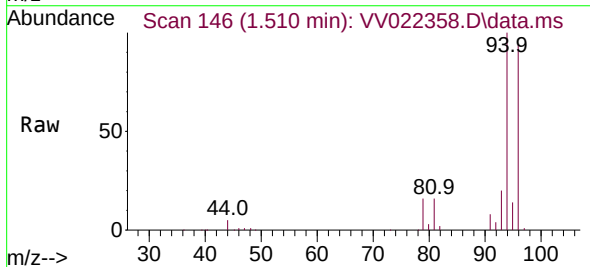
Instrument :
 MSVOA_V
 ClientSampled :

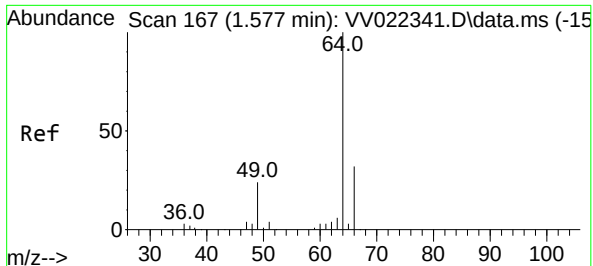
Tgt Ion: 62 Resp: 122830
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.4 43.6



#6
 Bromomethane
 Concen: 51.917 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. 0.003 min
 Lab File: VV022358.D
 Acq: 28 Sep 2021 09:52

Tgt Ion: 94 Resp: 80161
 Ion Ratio Lower Upper
 94 100
 96 93.8 66.1 122.8

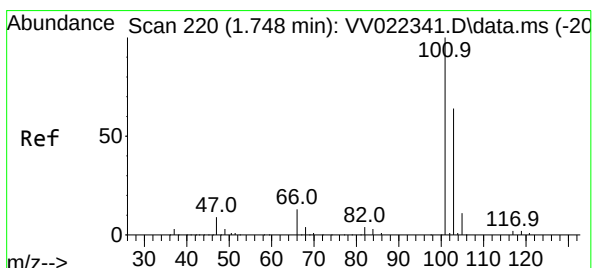
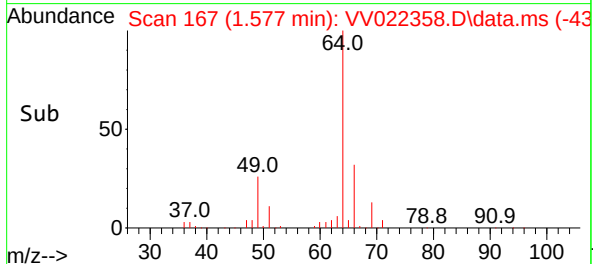
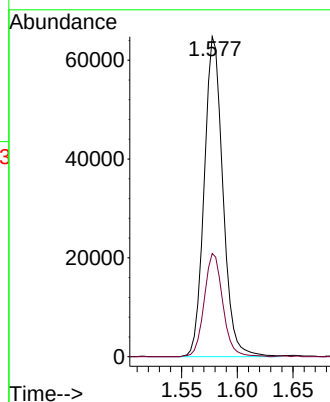
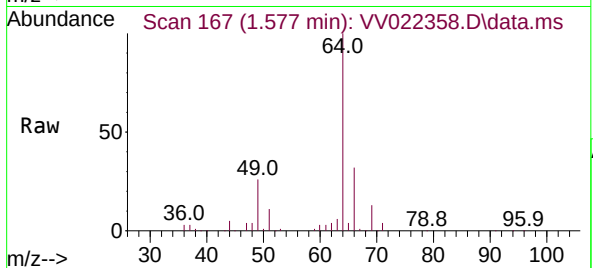




#8
Chloroethane
Concen: 51.637 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

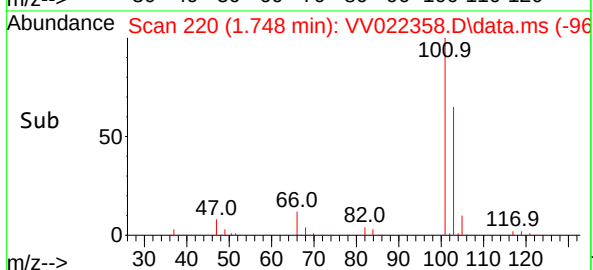
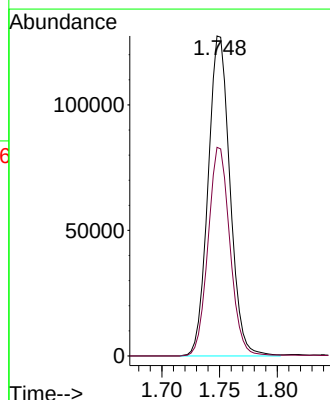
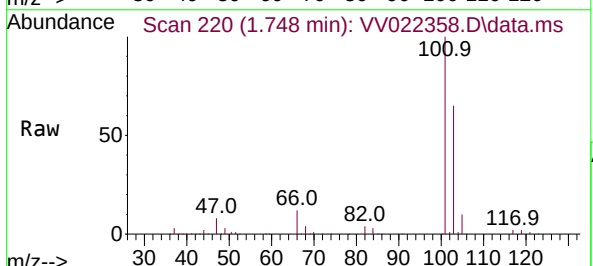
Instrument :
MSVOA_V
ClientSampled :

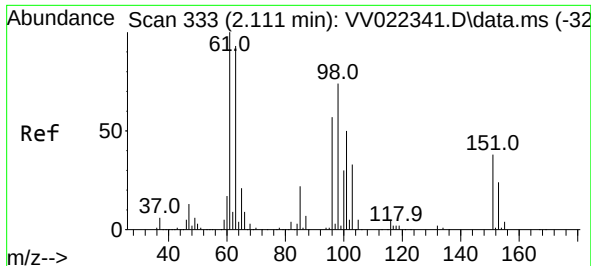
Tgt Ion: 64 Resp: 75733
Ion Ratio Lower Upper
64 100
66 32.2 23.0 42.8



#9
Trichlorofluoromethane
Concen: 51.517 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

Tgt Ion:101 Resp: 168244
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

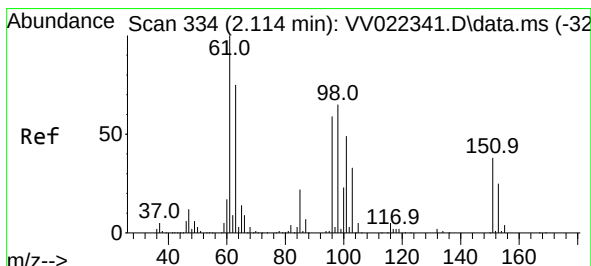
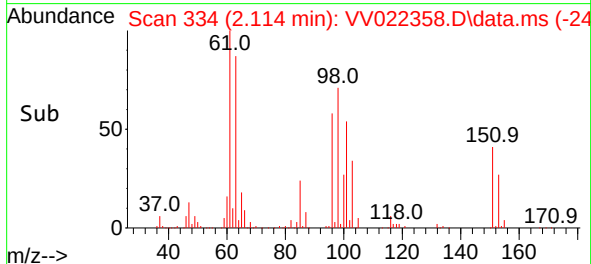
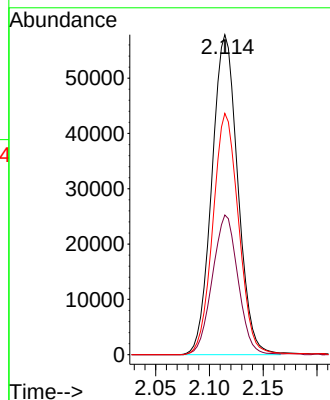
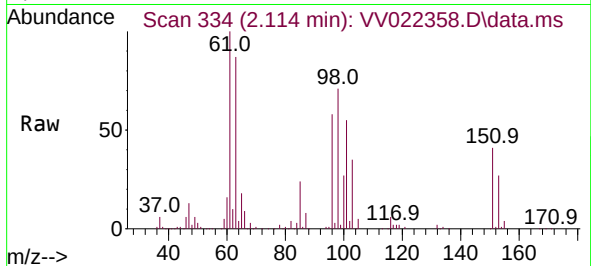




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.976 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

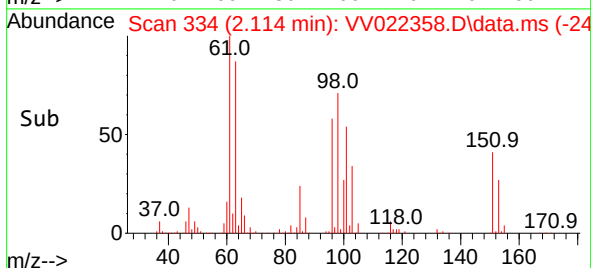
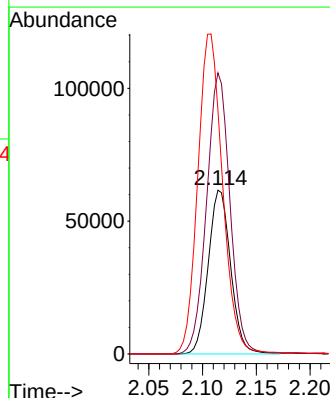
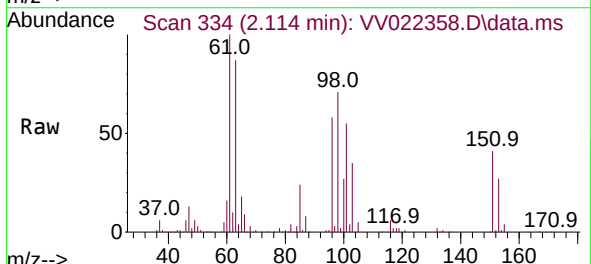
Instrument :
MSVOA_V
ClientSampled :

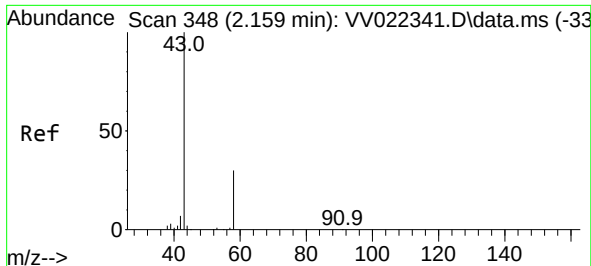
Tgt Ion:101 Resp: 97002
Ion Ratio Lower Upper
101 100
85 43.2 35.5 53.3
151 74.9 59.6 89.4



#12
1,1-Dichloroethene
Concen: 51.386 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

Tgt Ion: 96 Resp: 89382
Ion Ratio Lower Upper
96 100
61 171.6 124.4 231.0
63 148.5 106.0 196.8





#13

Acetone

Concen: 129.789 ug/L

RT: 2.159 min Scan# 348

Delta R.T. 0.000 min

Lab File: VV022358.D

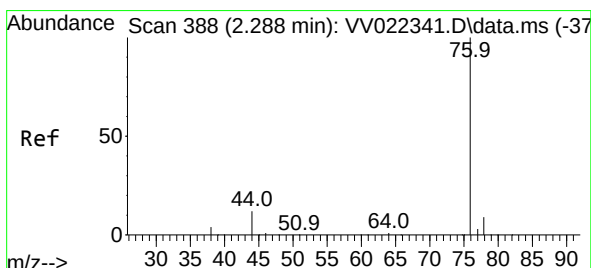
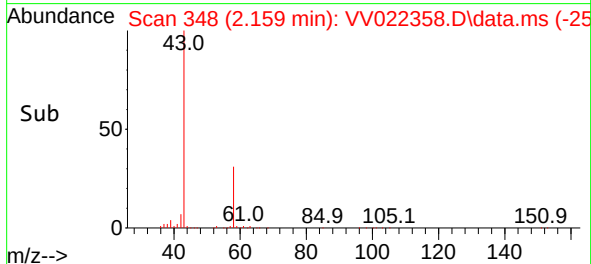
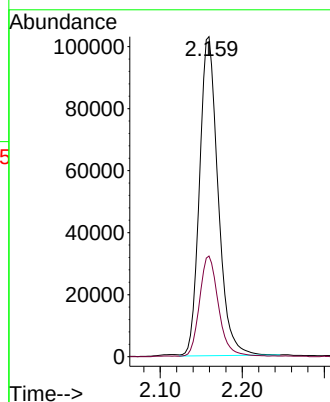
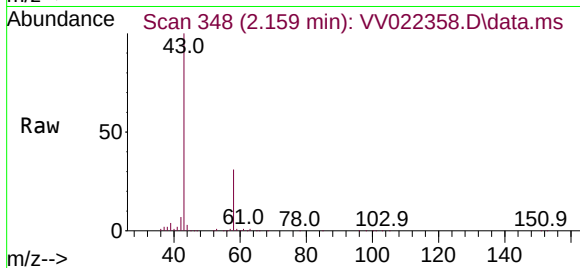
Acq: 28 Sep 2021 09:52

Tgt Ion: 43 Resp: 161342

Ion Ratio Lower Upper

43 100

58 32.5 0.0 67.2



#14

Carbon disulfide

Concen: 50.685 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV022358.D

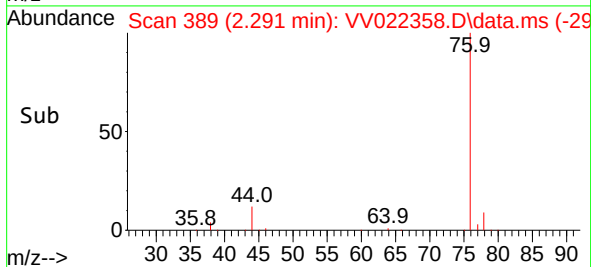
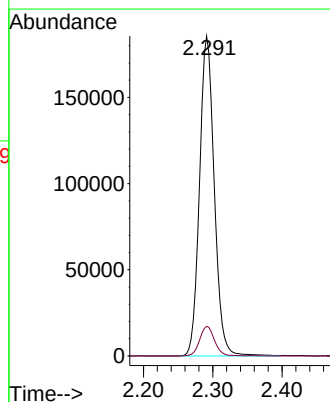
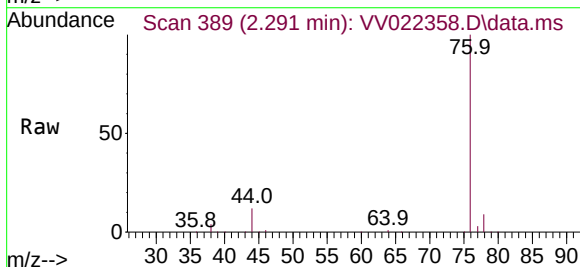
Acq: 28 Sep 2021 09:52

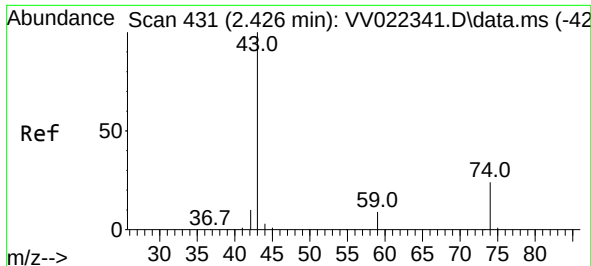
Tgt Ion: 76 Resp: 275094

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

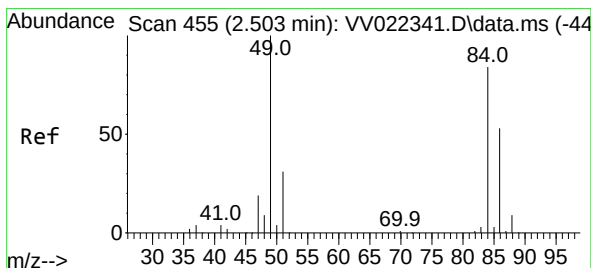
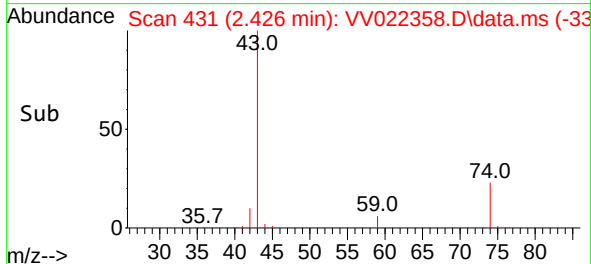
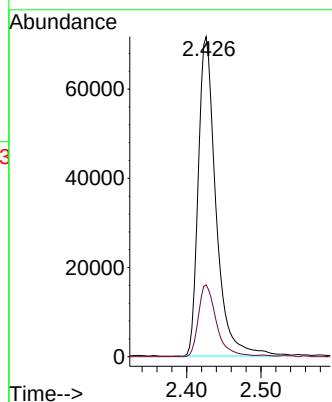
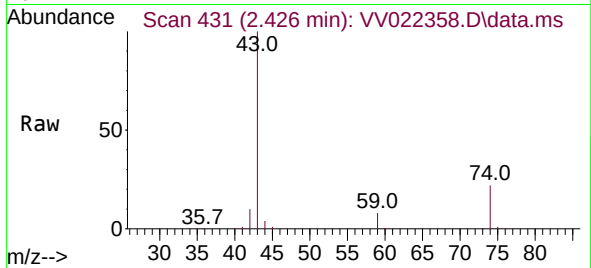




#15
Methyl Acetate
Concen: 51.247 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

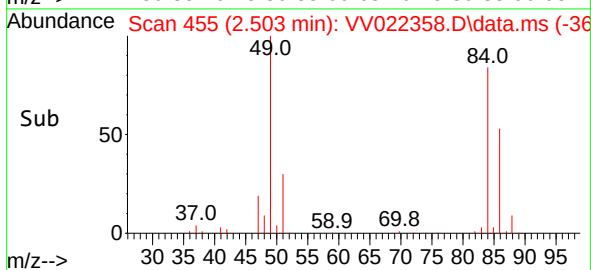
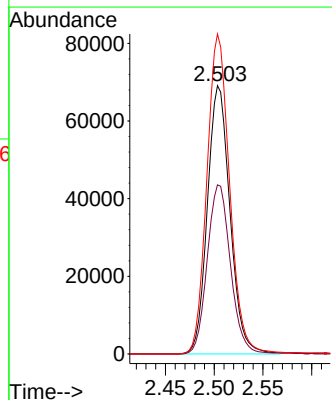
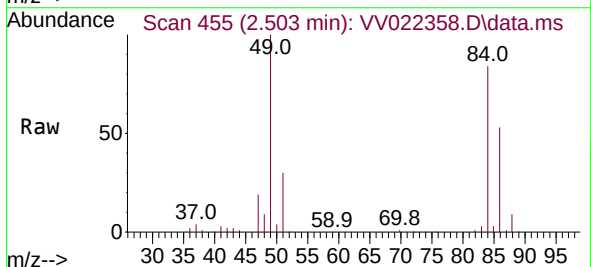
Instrument :
MSVOA_V
ClientSampled :

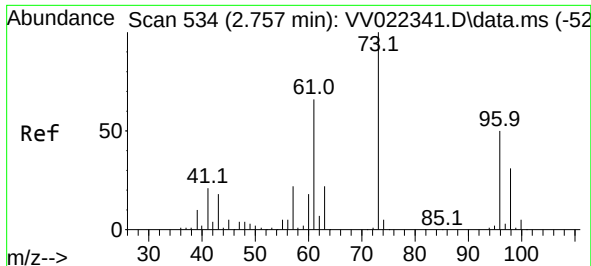
Tgt Ion: 43 Resp: 118740
Ion Ratio Lower Upper
43 100
74 22.9 19.0 28.6



#16
Methylene chloride
Concen: 45.984 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

Tgt Ion: 84 Resp: 111476
Ion Ratio Lower Upper
84 100
86 63.0 44.6 82.8
49 119.3 85.3 158.3

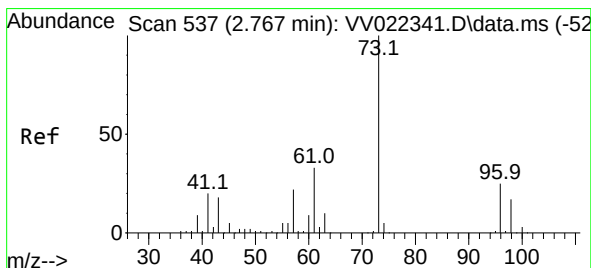
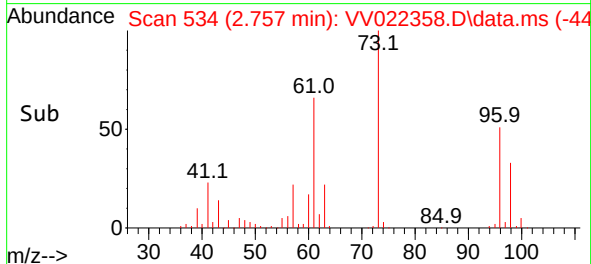
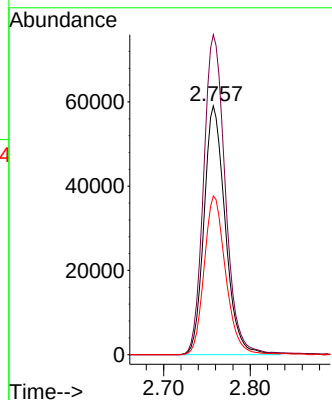
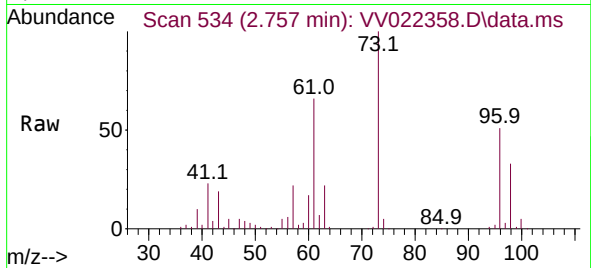




#17
trans-1,2-Dichloroethene
Concen: 50.318 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

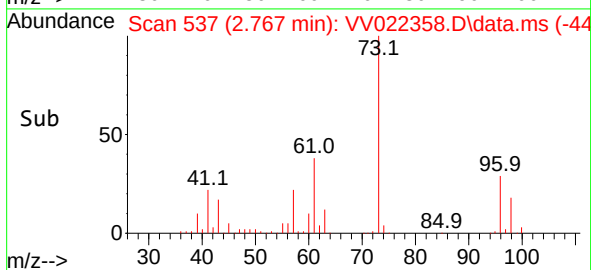
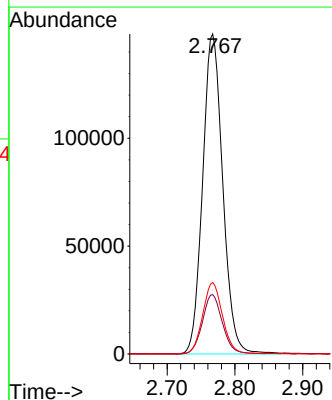
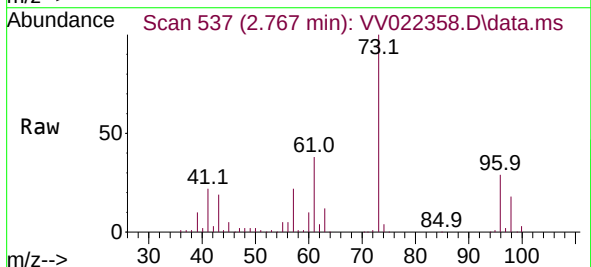
Instrument :
MSVOA_V
ClientSampled :

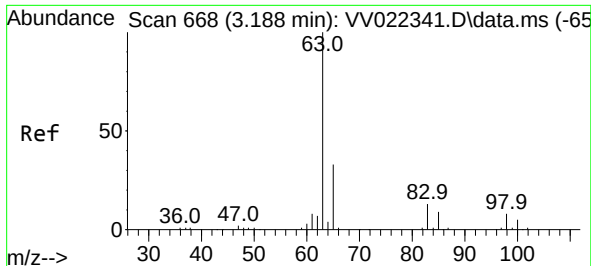
Tgt Ion: 96 Resp: 100939
Ion Ratio Lower Upper
96 100
61 128.6 92.7 172.1
98 63.8 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 51.372 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

Tgt Ion: 73 Resp: 306455
Ion Ratio Lower Upper
73 100
43 18.2 14.6 21.8
57 22.0 17.6 26.4





#19

1,1-Dichloroethane

Concen: 50.314 ug/L

RT: 3.188 min Scan# 668

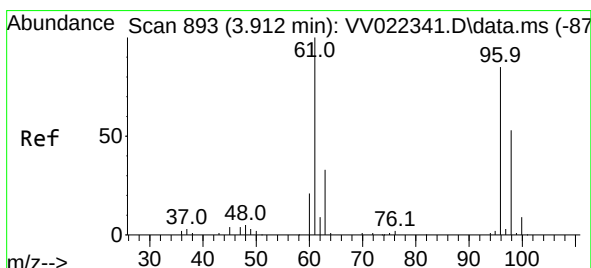
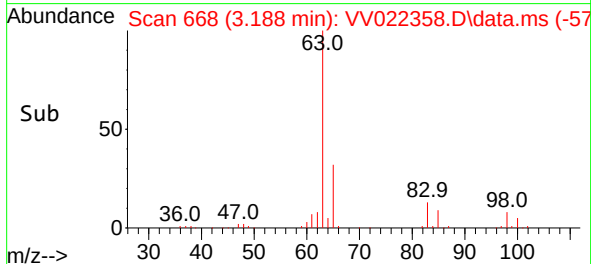
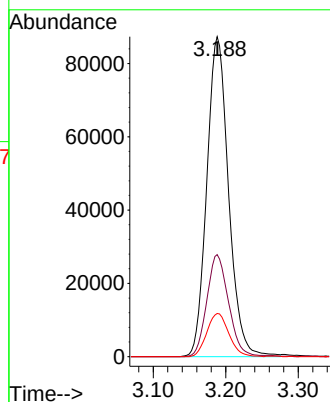
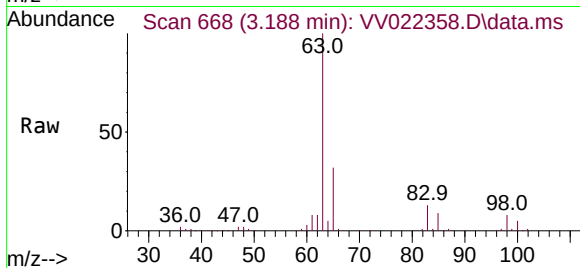
Delta R.T. 0.000 min

Lab File: VV022358.D

Acq: 28 Sep 2021 09:52

Tgt Ion: 63 Resp: 182184

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.3	41.3
83	13.5	9.4	17.4



#20

cis-1,2-Dichloroethene

Concen: 50.208 ug/L

RT: 3.908 min Scan# 892

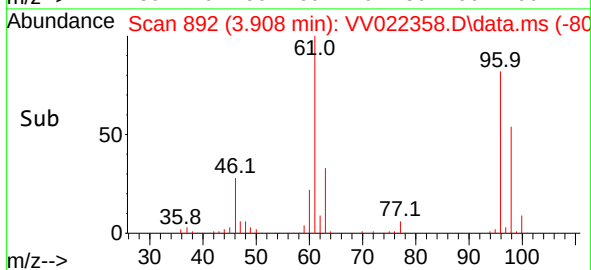
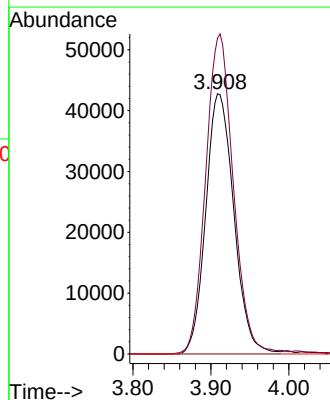
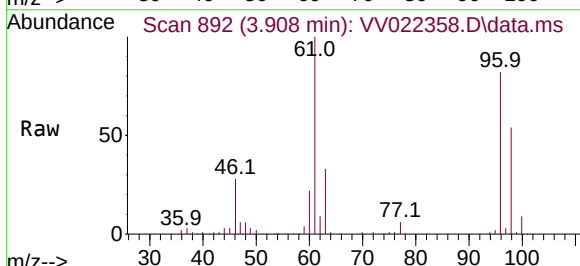
Delta R.T. -0.003 min

Lab File: VV022358.D

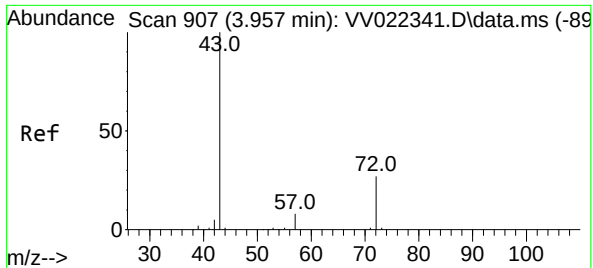
Acq: 28 Sep 2021 09:52

Tgt Ion: 96 Resp: 107270

Ion	Ratio	Lower	Upper
96	100		
61	121.4	84.6	157.0
68	0.0	0.0	0.0



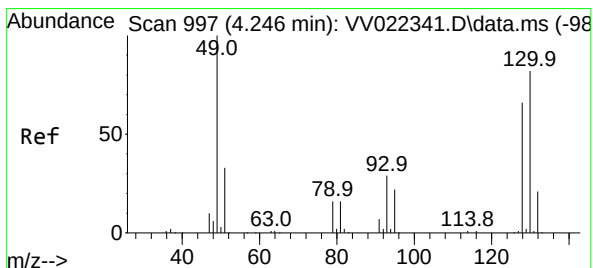
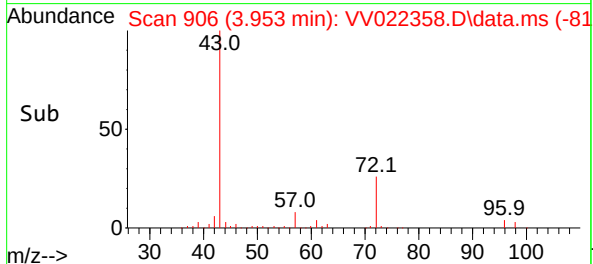
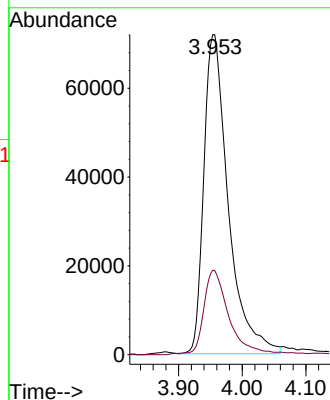
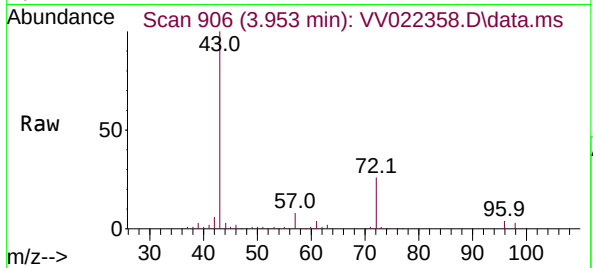
Instrument :
MSVOA_V
ClientSampleId :



#22
2-Butanone
Concen: 117.455 ug/L
RT: 3.953 min Scan# 906
Delta R.T. -0.003 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

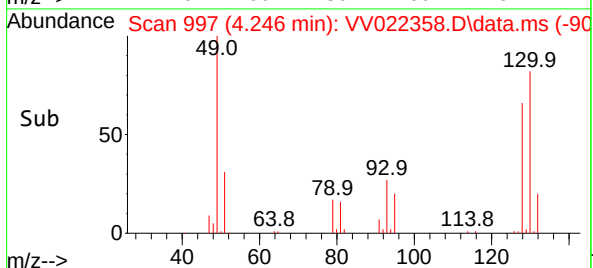
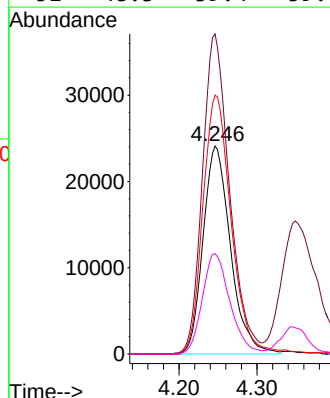
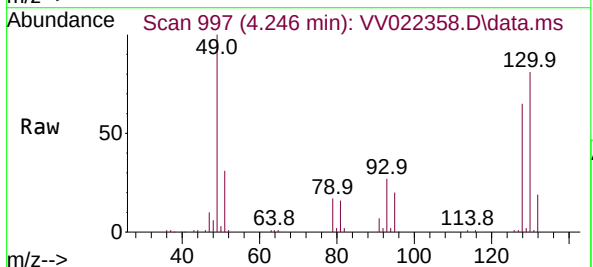
Instrument :
MSVOA_V
ClientSampled :

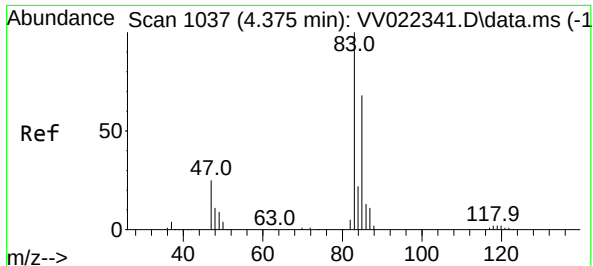
Tgt Ion: 43 Resp: 192073
Ion Ratio Lower Upper
43 100
72 27.0 13.8 41.4



#23
Bromochloromethane
Concen: 50.751 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

Tgt Ion:128 Resp: 58784
Ion Ratio Lower Upper
128 100
49 153.8 109.1 202.7
130 124.5 89.3 165.9
51 48.3 39.4 59.0





#25

Chloroform

Concen: 49.081 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV022358.D

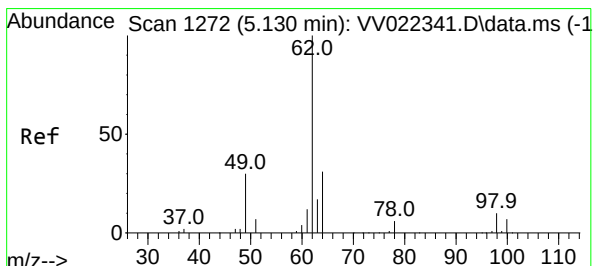
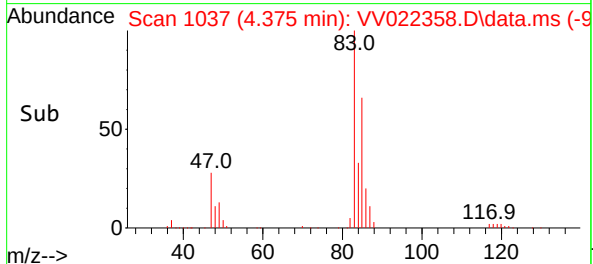
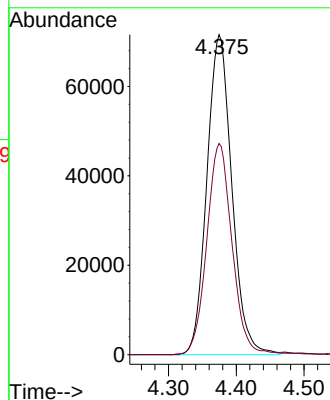
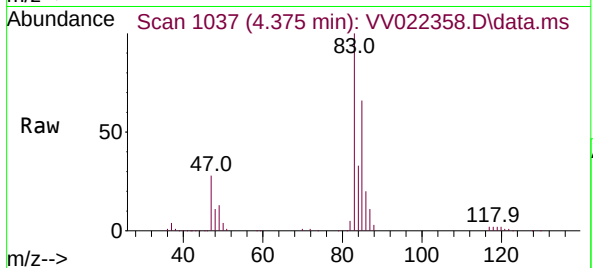
Acq: 28 Sep 2021 09:52

Tgt Ion: 83 Resp: 183074

Ion Ratio Lower Upper

83 100

85 66.0 46.5 86.3



#27

1,2-Dichloroethane

Concen: 50.429 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV022358.D

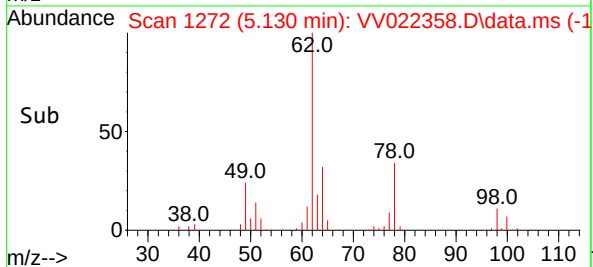
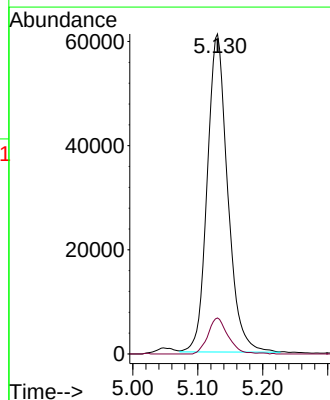
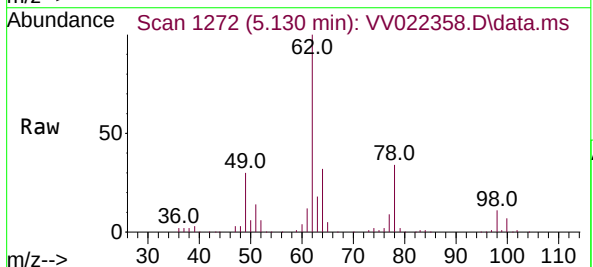
Acq: 28 Sep 2021 09:52

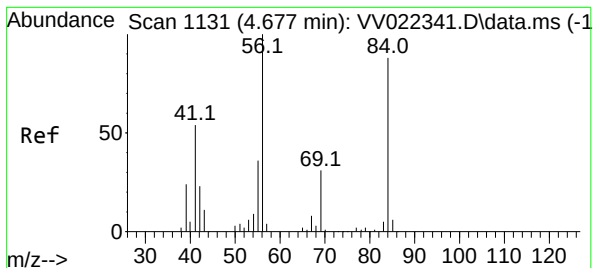
Tgt Ion: 62 Resp: 133759

Ion Ratio Lower Upper

62 100

98 11.3 8.9 13.3





#29

Cyclohexane

Concen: 53.577 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV022358.D

Acq: 28 Sep 2021 09:52

Tgt Ion: 56 Resp: 160150

Ion Ratio Lower Upper

56 100

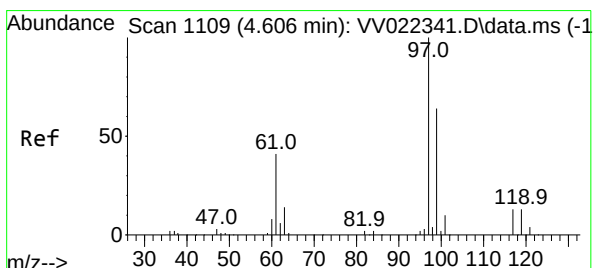
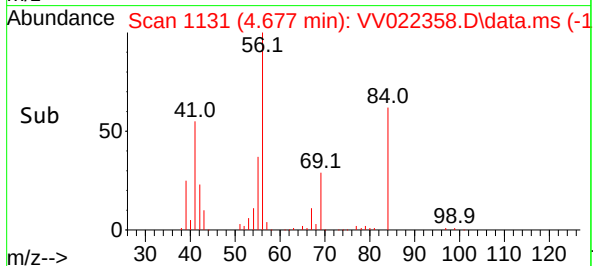
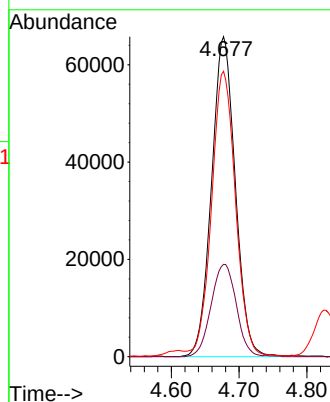
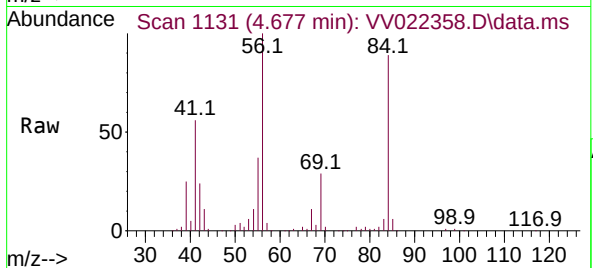
69 30.5 24.6 37.0

84 89.7 71.8 107.8

Instrument :

MSVOA_V

ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 52.293 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV022358.D

Acq: 28 Sep 2021 09:52

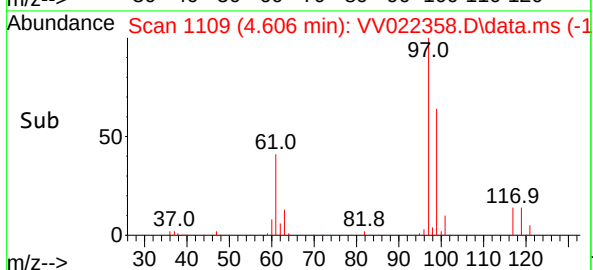
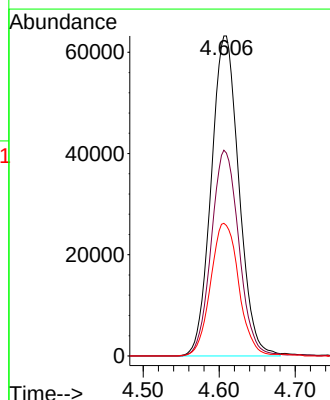
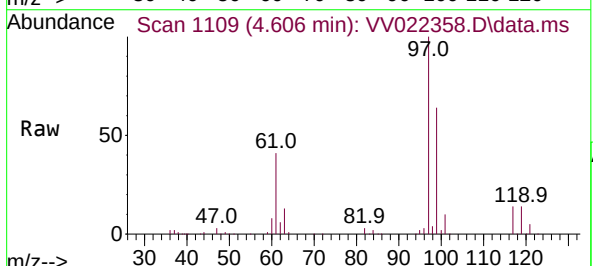
Tgt Ion: 97 Resp: 160110

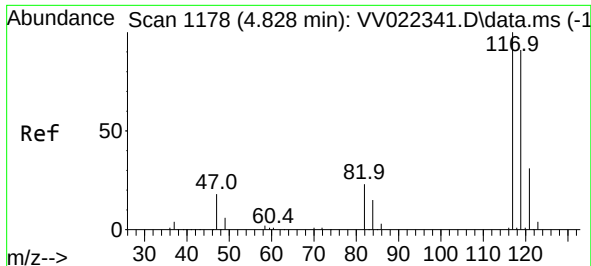
Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 42.1 33.7 50.5

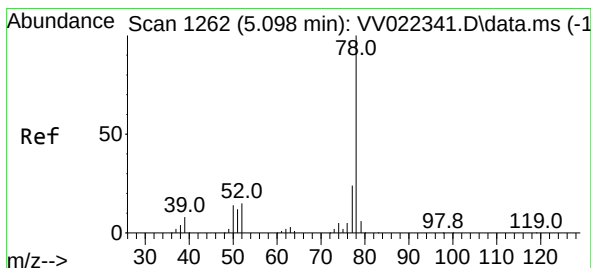
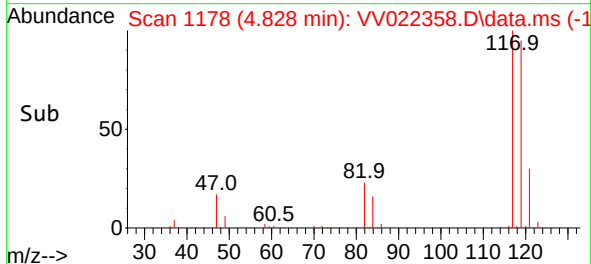
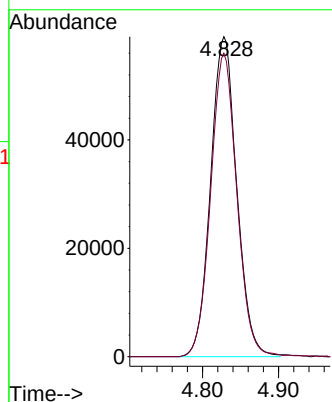
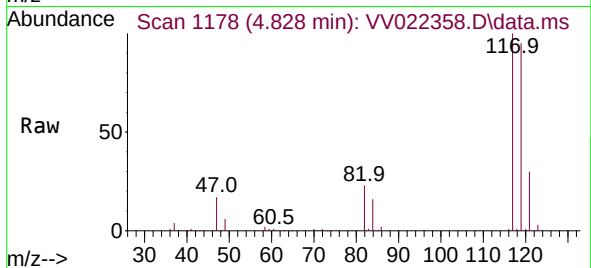




#31
Carbon tetrachloride
Concen: 52.281 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

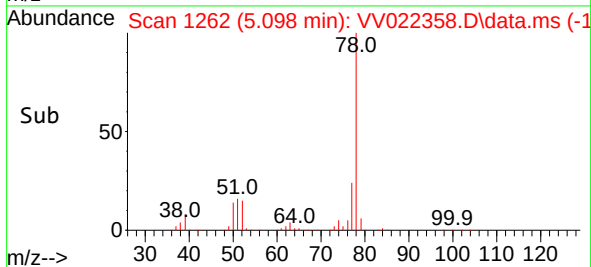
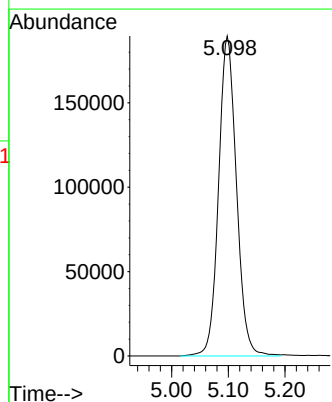
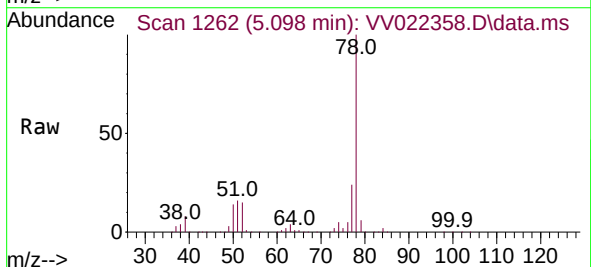
Instrument :
MSVOA_V
ClientSampled :

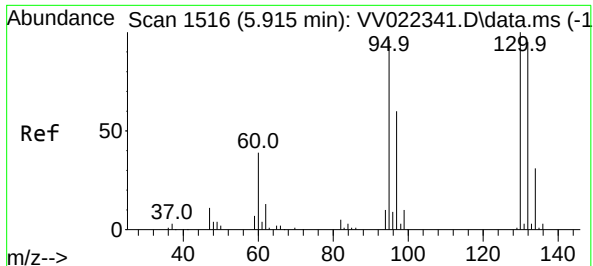
Tgt Ion:117 Resp: 140977
Ion Ratio Lower Upper
117 100
119 94.8 77.1 115.7



#33
Benzene
Concen: 53.254 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

Tgt Ion: 78 Resp: 414572

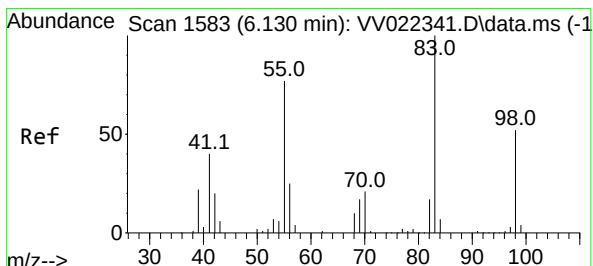
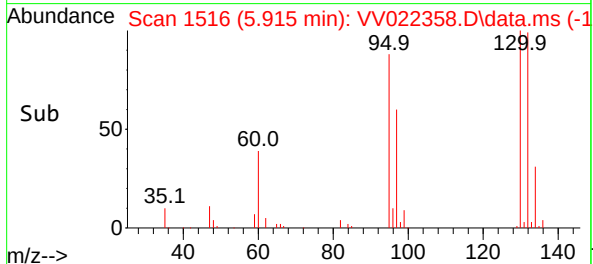
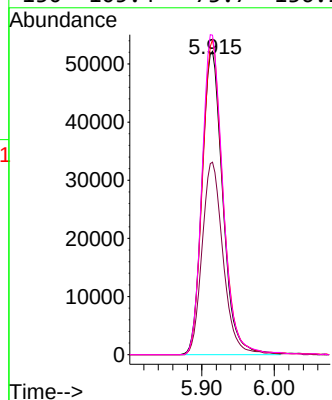
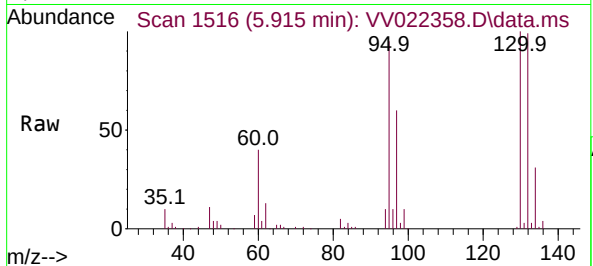




#34
Trichloroethene
Concen: 51.887 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

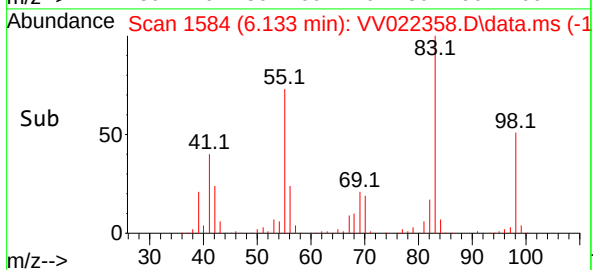
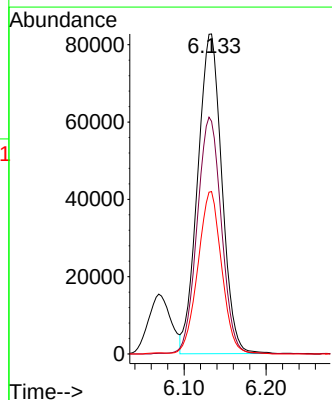
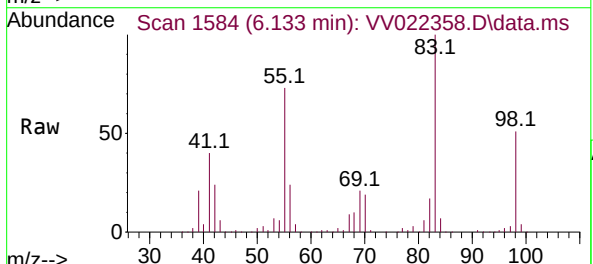
Instrument :
MSVOA_V
ClientSampleId :

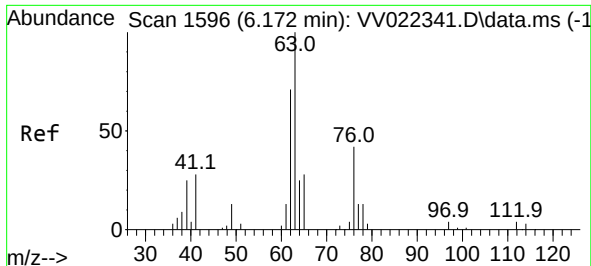
Tgt Ion: 95 Resp: 103878
Ion Ratio Lower Upper
95 100
97 63.4 45.2 84.0
132 103.9 71.0 131.8
130 105.4 73.7 136.9



#35
Methylcyclohexane
Concen: 54.858 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

Tgt Ion: 83 Resp: 169188
Ion Ratio Lower Upper
83 100
55 73.5 58.6 87.8
98 50.1 39.2 58.8

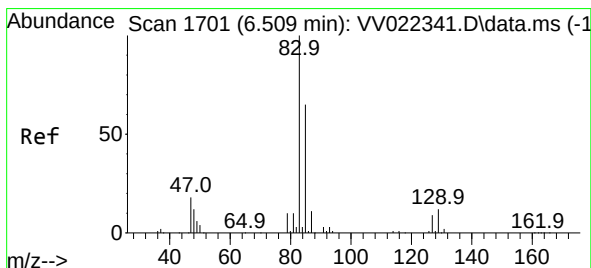
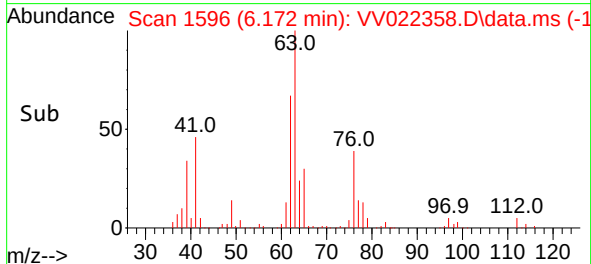
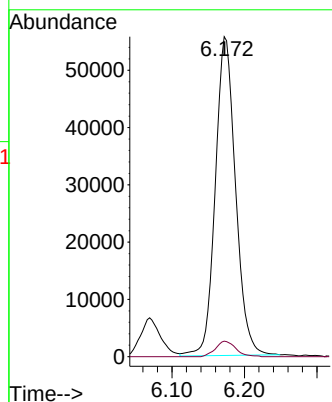
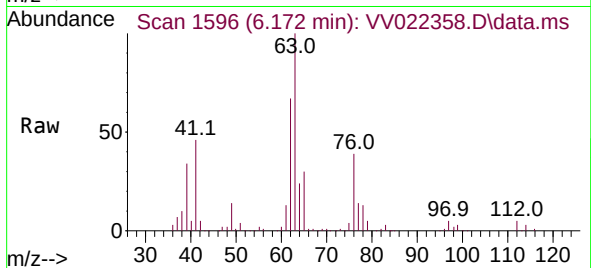




#37
1,2-Dichloropropane
Concen: 54.080 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

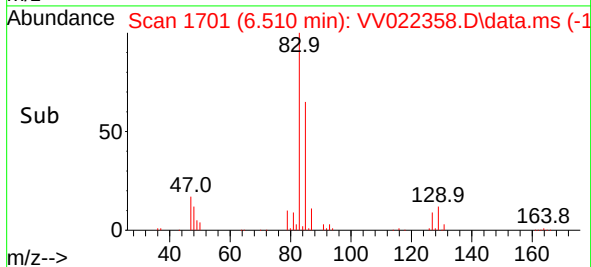
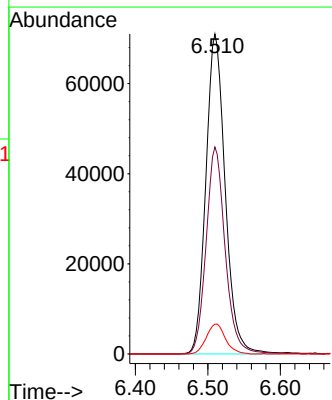
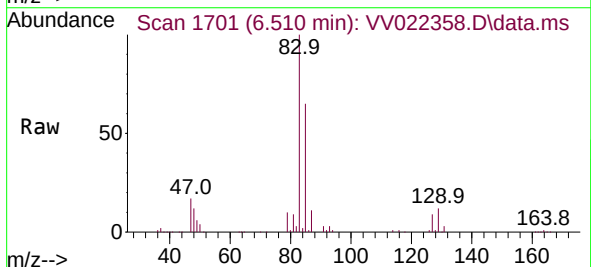
Instrument :
MSVOA_V
ClientSampled :

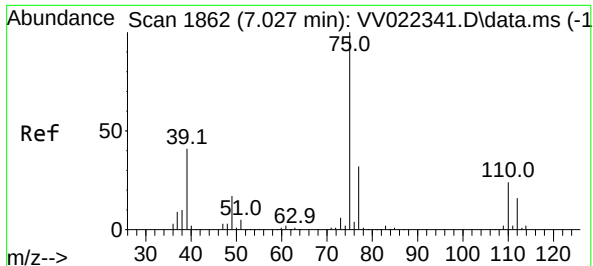
Tgt Ion: 63 Resp: 108046
Ion Ratio Lower Upper
63 100
112 4.9 3.9 5.9



#38
Bromodichloromethane
Concen: 51.479 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

Tgt Ion: 83 Resp: 131506
Ion Ratio Lower Upper
83 100
85 64.7 43.2 80.2
127 9.3 6.6 10.0

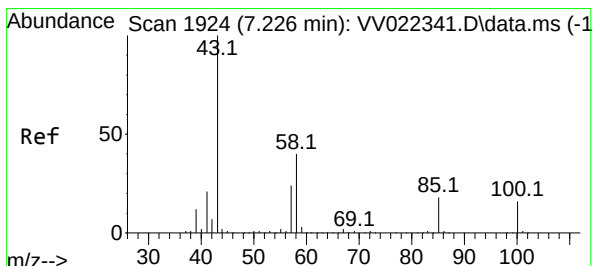
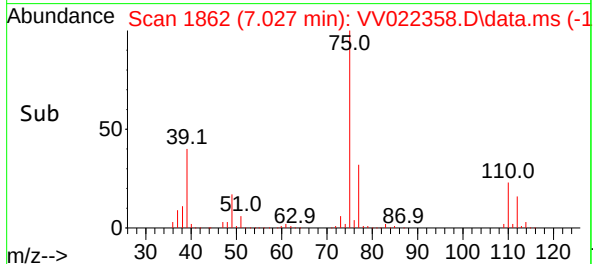
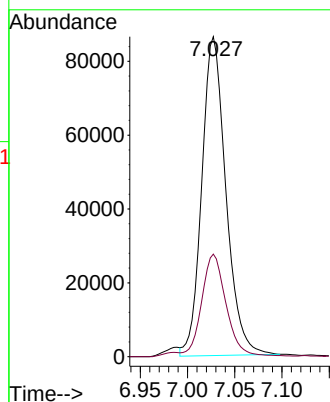
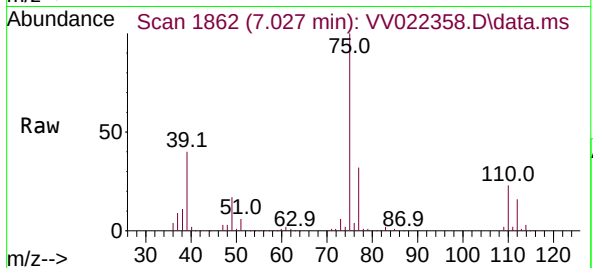




#39
 cis-1,3-Dichloropropene
 Concen: 52.106 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV022358.D
 Acq: 28 Sep 2021 09:52

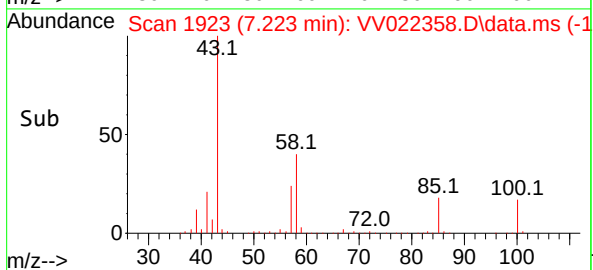
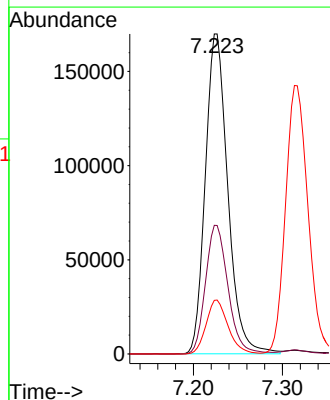
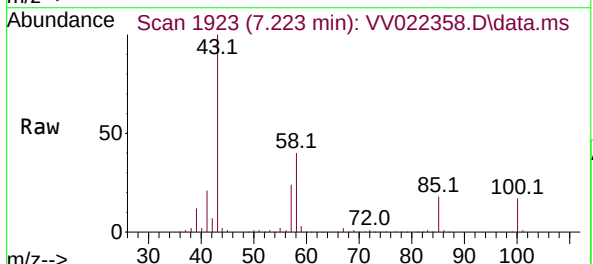
Instrument :
 MSVOA_V
 ClientSampled :

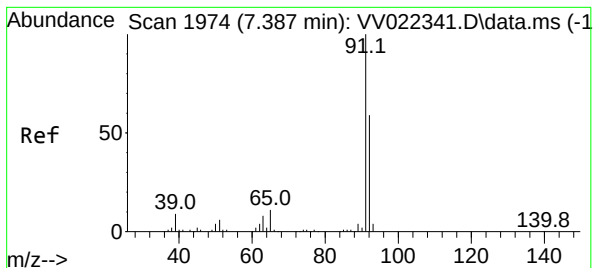
Tgt Ion: 75 Resp: 153225
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 105.806 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.003 min
 Lab File: VV022358.D
 Acq: 28 Sep 2021 09:52

Tgt Ion: 43 Resp: 297454
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.6 47.4
 100 16.5 13.1 19.7





#42

Toluene

Concen: 53.327 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV022358.D

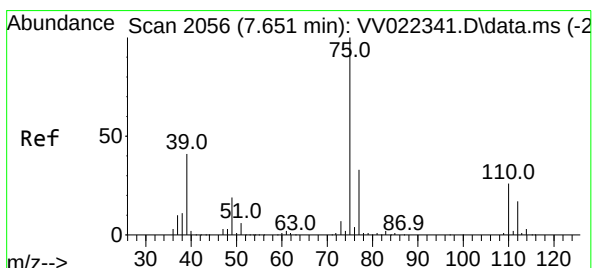
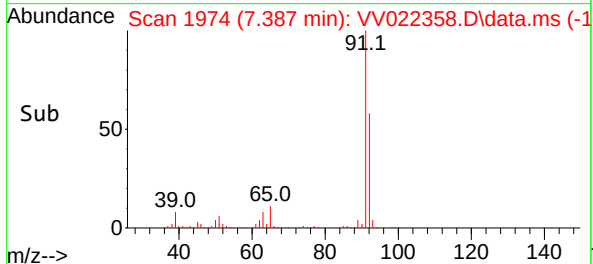
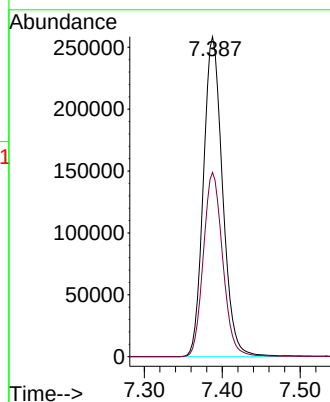
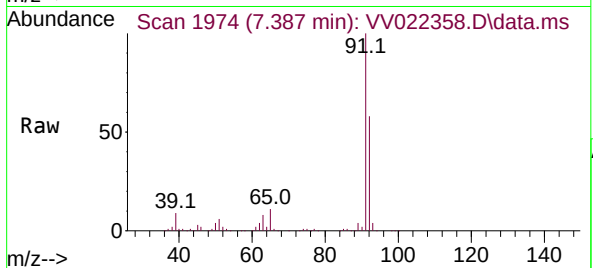
Acq: 28 Sep 2021 09:52

Tgt Ion: 91 Resp: 443126

Ion Ratio Lower Upper

91 100

92 57.6 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 54.232 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV022358.D

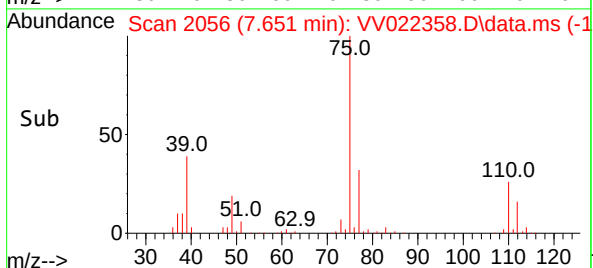
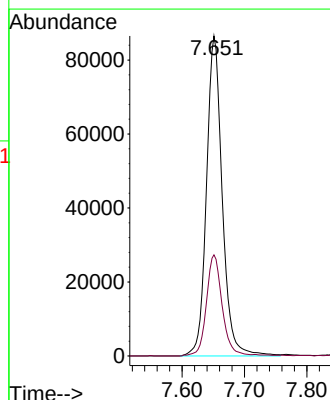
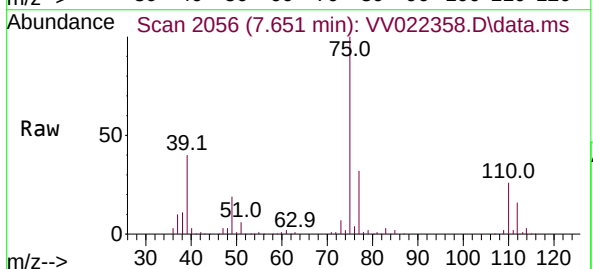
Acq: 28 Sep 2021 09:52

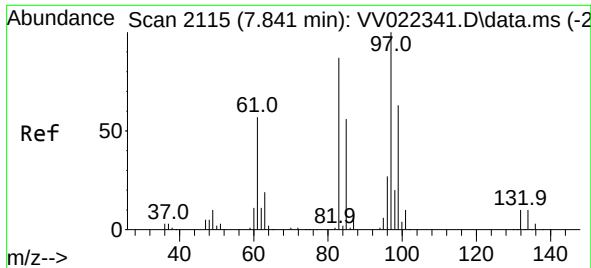
Tgt Ion: 75 Resp: 152269

Ion Ratio Lower Upper

75 100

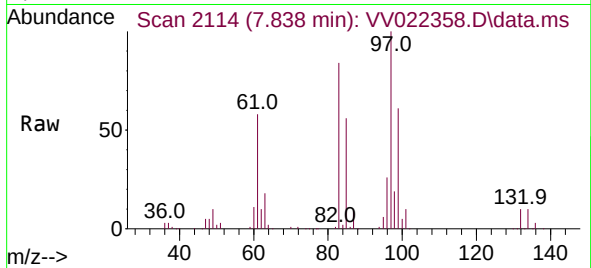
77 31.6 22.3 41.3



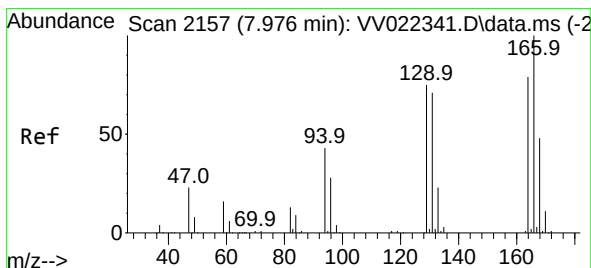
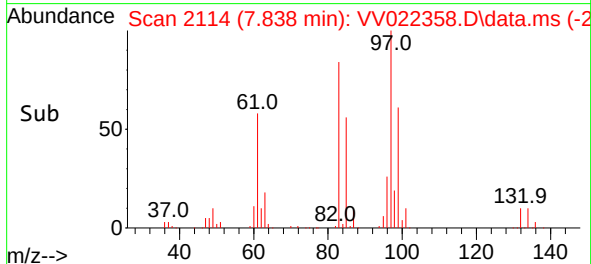
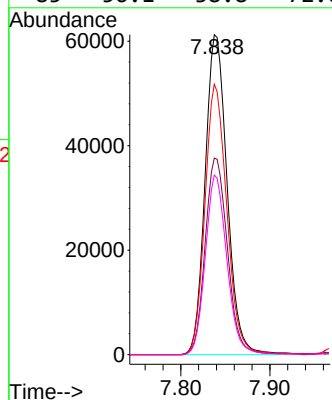


#45
1,1,2-Trichloroethane
Concen: 51.706 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

Instrument :
MSVOA_V
ClientSampleId :

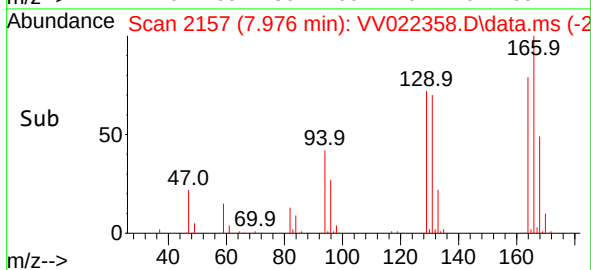
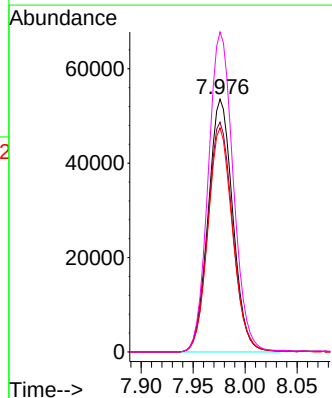
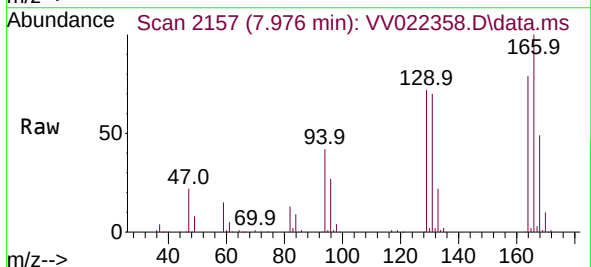


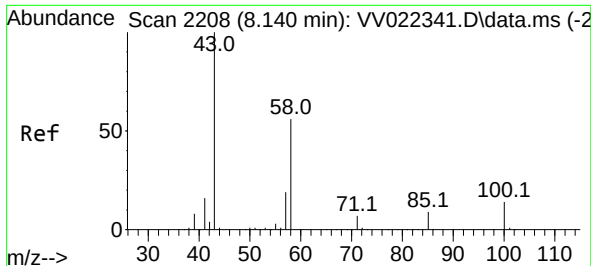
Tgt Ion:	97	Resp:	105135
Ion	Ratio	Lower	Upper
97	100		
99	61.5	44.6	82.8
83	84.5	59.8	111.1
85	56.1	38.8	72.0



#46
Tetrachloroethene
Concen: 53.726 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

Tgt Ion:	164	Resp:	88562
Ion	Ratio	Lower	Upper
164	100		
129	90.9	66.4	123.4
131	88.6	63.6	118.0
166	126.6	91.6	170.0



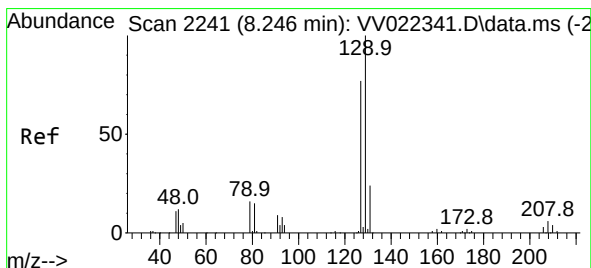
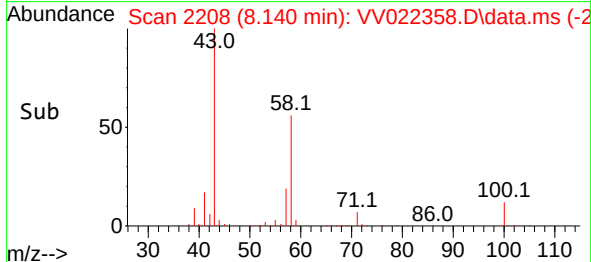
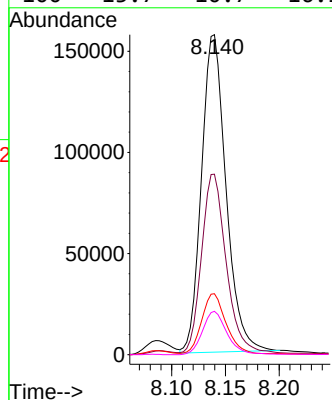
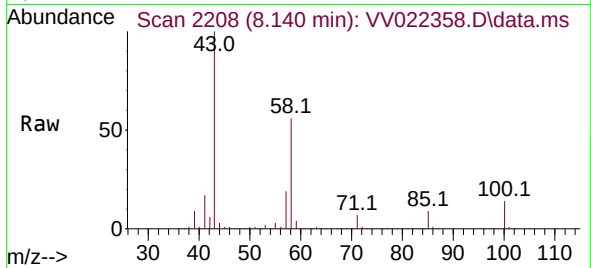


#48
2-Hexanone
Concen: 116.873 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 249524

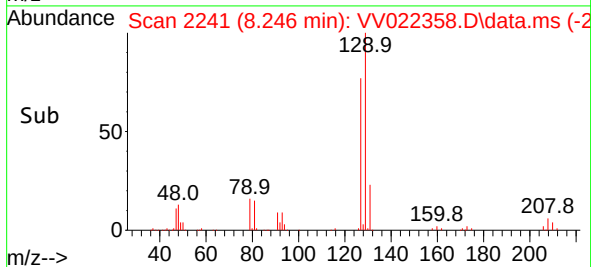
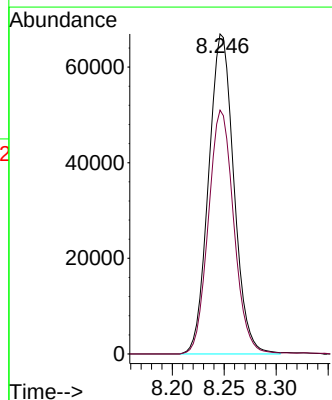
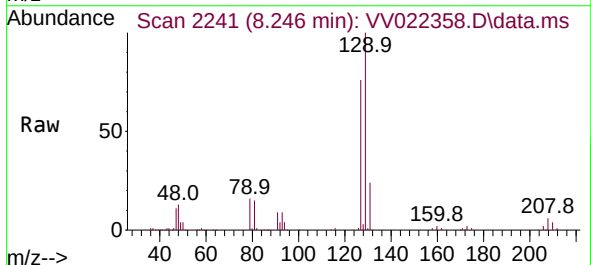
Ion	Ratio	Lower	Upper
43	100		
58	57.2	45.4	68.2
57	18.7	15.0	22.4
100	13.7	10.7	16.1

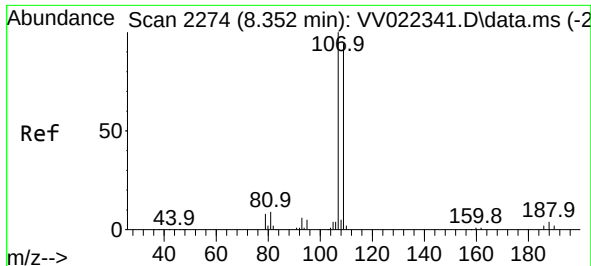


#49
Dibromochloromethane
Concen: 52.621 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

Tgt Ion: 129 Resp: 113219

Ion	Ratio	Lower	Upper
129	100		
127	76.2	54.7	101.7





#50

1,2-Dibromoethane

Concen: 52.333 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.000 min

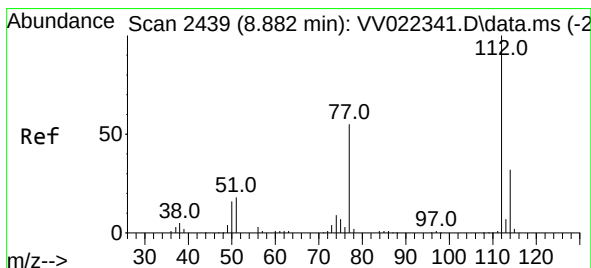
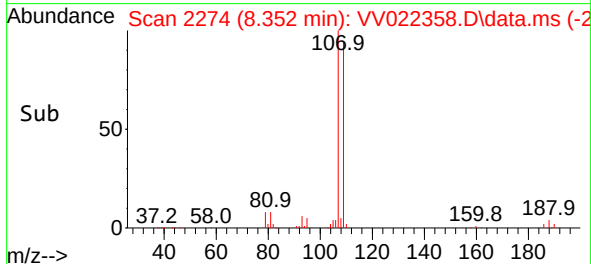
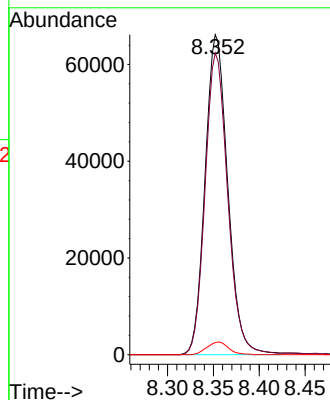
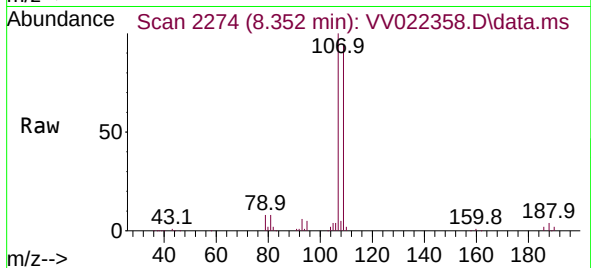
Lab File: VV022358.D

Acq: 28 Sep 2021 09:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:107 Resp: 113743

Ion	Ratio	Lower	Upper
107	100		
109	94.2	64.7	120.1
188	3.8	2.9	4.3



#51

Chlorobenzene

Concen: 51.472 ug/L

RT: 8.883 min Scan# 2439

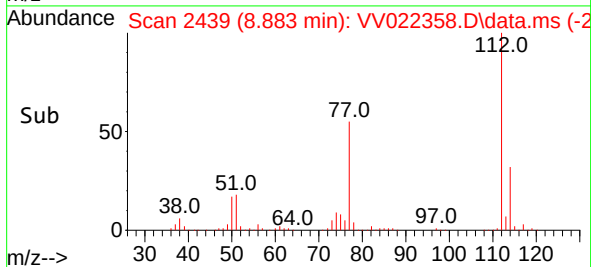
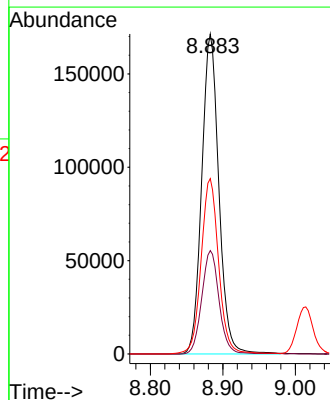
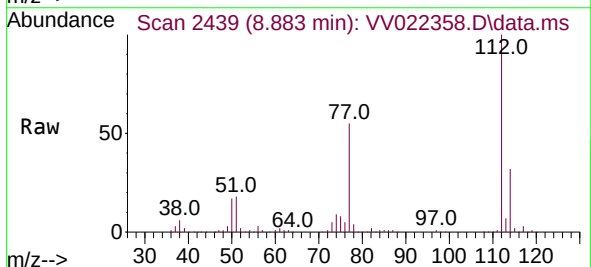
Delta R.T. 0.000 min

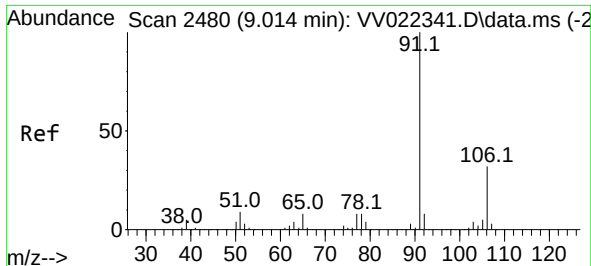
Lab File: VV022358.D

Acq: 28 Sep 2021 09:52

Tgt Ion:112 Resp: 281386

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.7	42.1
77	54.8	43.9	65.9





#52

Ethylbenzene

Concen: 53.336 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.000 min

Lab File: VV022358.D

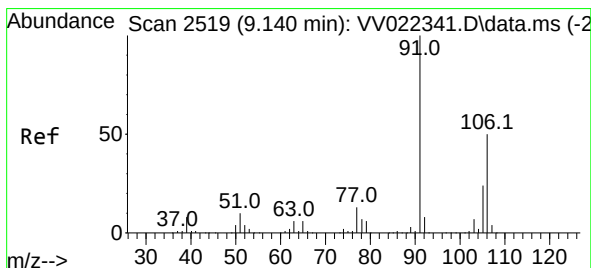
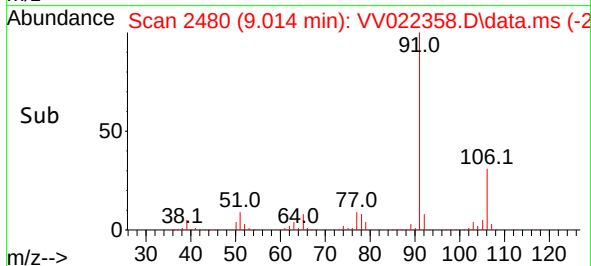
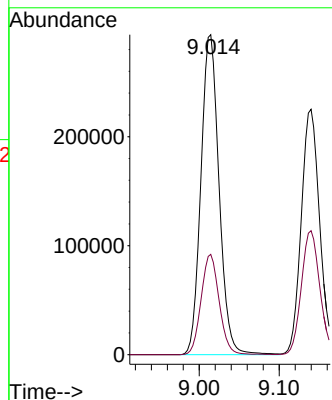
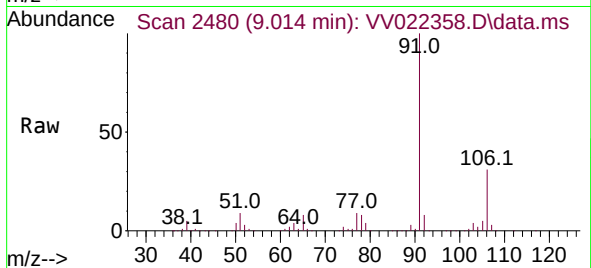
Acq: 28 Sep 2021 09:52

Tgt Ion: 91 Resp: 464223

Ion Ratio Lower Upper

91 100

106 31.4 22.0 40.8



#53

m,p-Xylene

Concen: 54.764 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV022358.D

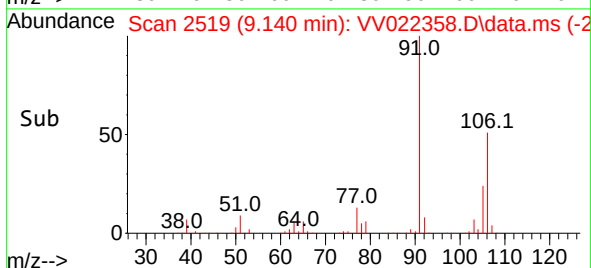
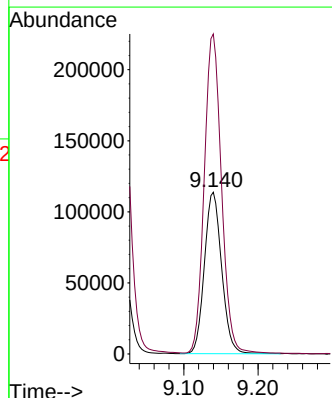
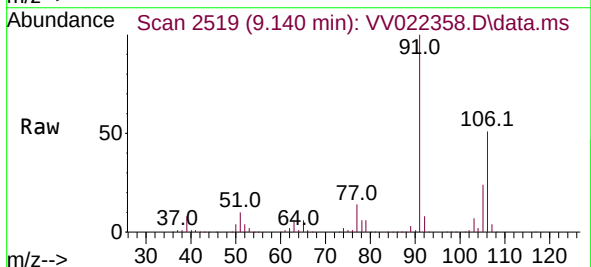
Acq: 28 Sep 2021 09:52

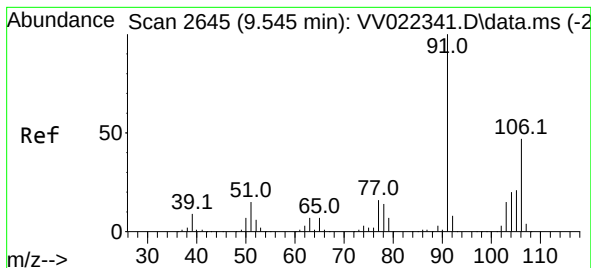
Tgt Ion: 106 Resp: 183562

Ion Ratio Lower Upper

106 100

91 197.8 139.2 258.6





#54

o-Xylene

Concen: 54.361 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. 0.000 min

Lab File: VV022358.D

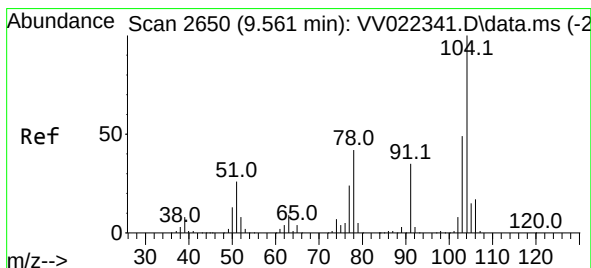
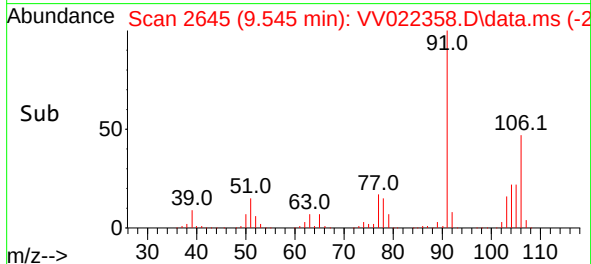
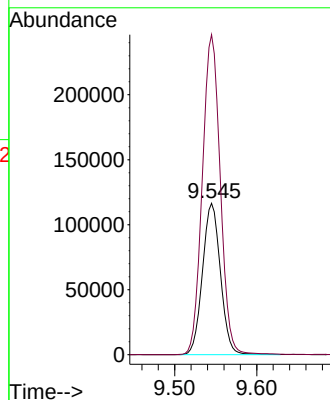
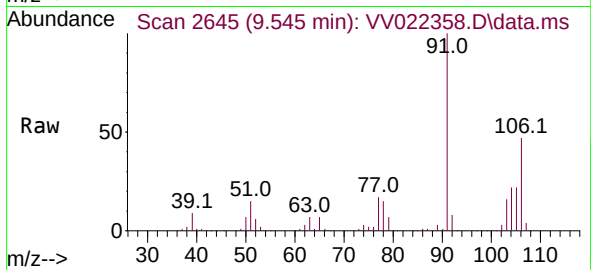
Acq: 28 Sep 2021 09:52

Tgt Ion:106 Resp: 177049

Ion Ratio Lower Upper

106 100

91 211.3 144.9 269.1



#55

Styrene

Concen: 54.904 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. 0.000 min

Lab File: VV022358.D

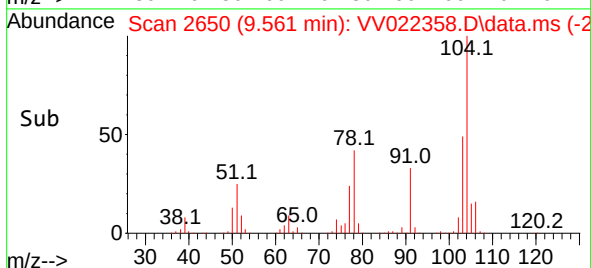
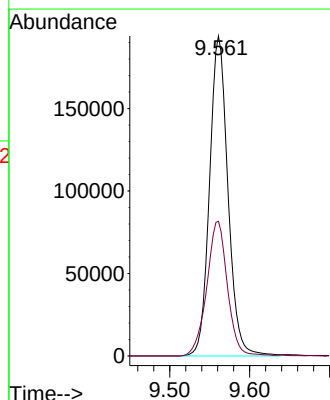
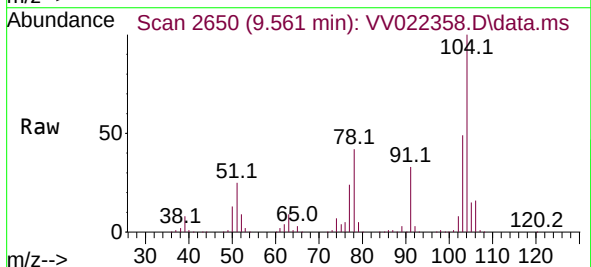
Acq: 28 Sep 2021 09:52

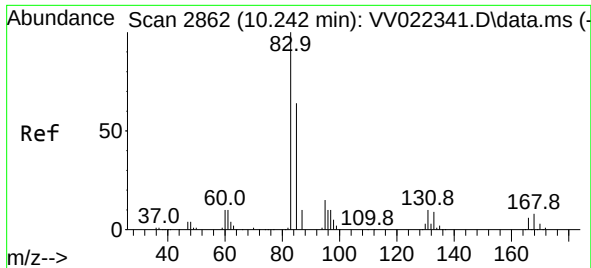
Tgt Ion:104 Resp: 310891

Ion Ratio Lower Upper

104 100

78 42.1 28.6 53.2

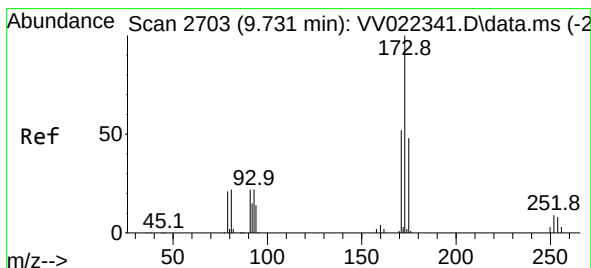
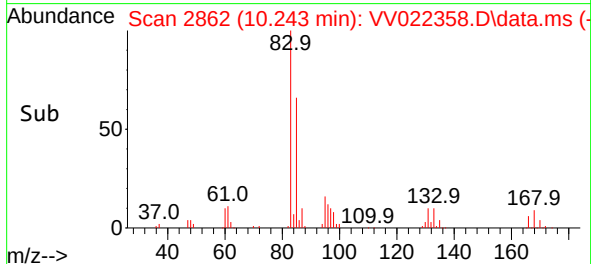
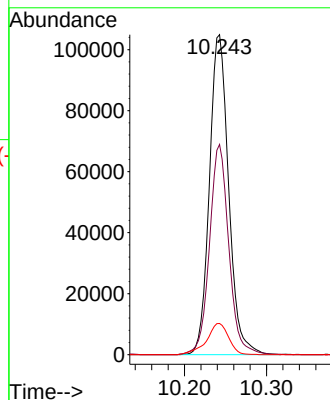
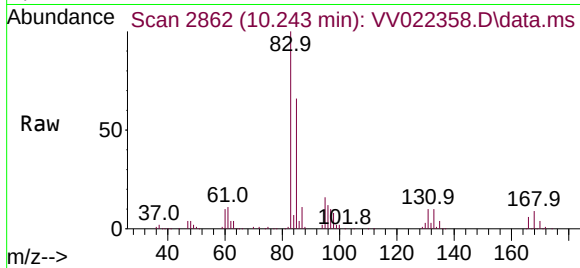




#57
1,1,2,2-Tetrachloroethane
Concen: 50.779 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

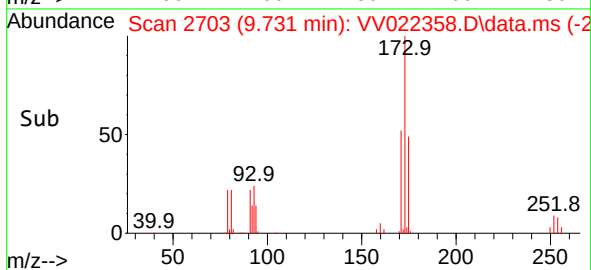
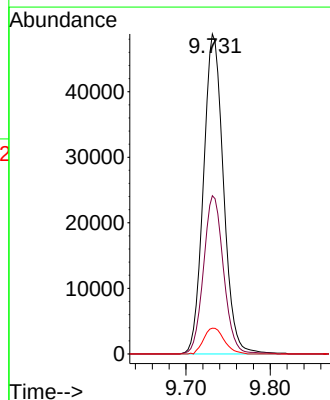
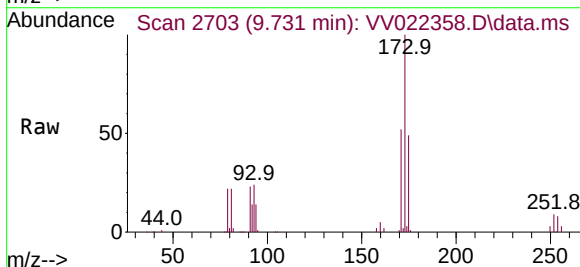
Instrument :
MSVOA_V
ClientSampleId :

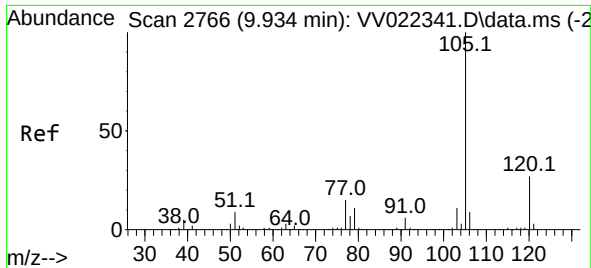
Tgt Ion:	83	Resp:	170904
Ion	Ratio	Lower	Upper
83	100		
85	65.7	44.6	82.8
131	9.8	7.8	11.8



#59
Bromoform
Concen: 51.057 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

Tgt Ion:	173	Resp:	80686
Ion	Ratio	Lower	Upper
173	100		
175	49.4	40.1	60.1
254	8.3	6.9	10.3

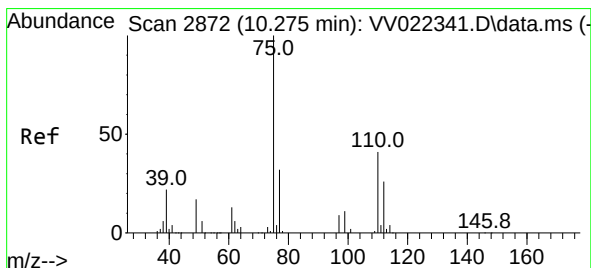
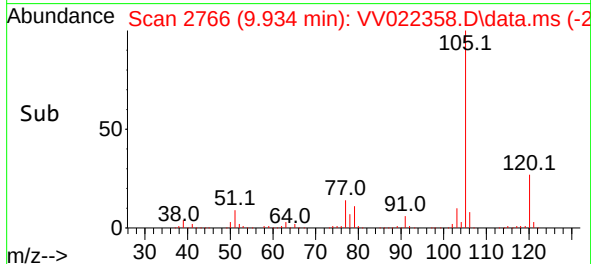
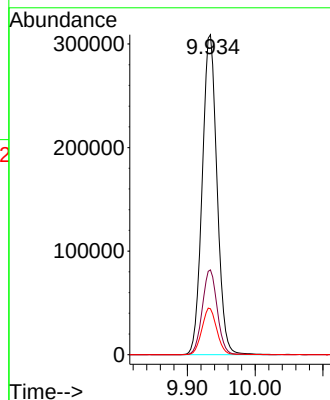
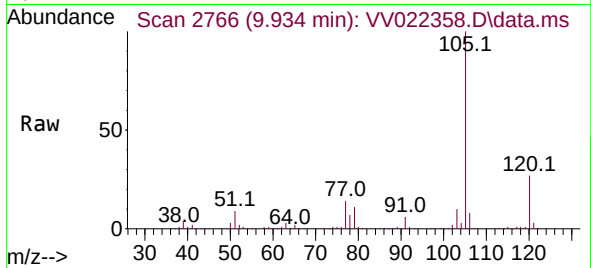




#60
Isopropylbenzene
Concen: 53.904 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

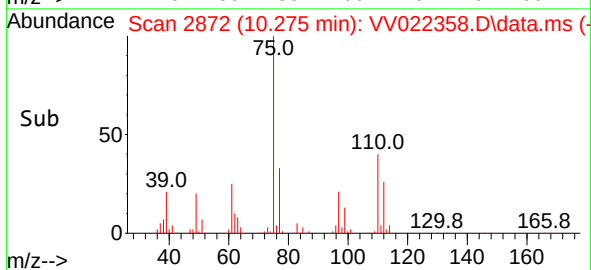
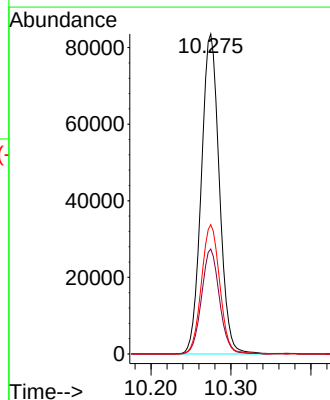
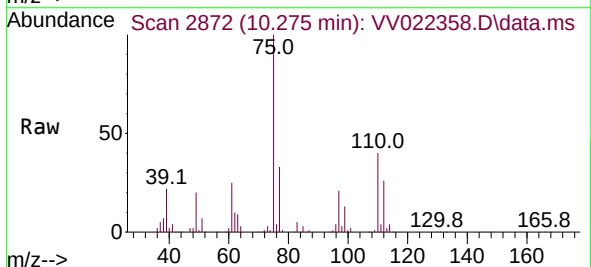
Instrument :
MSVOA_V
ClientSampleId :

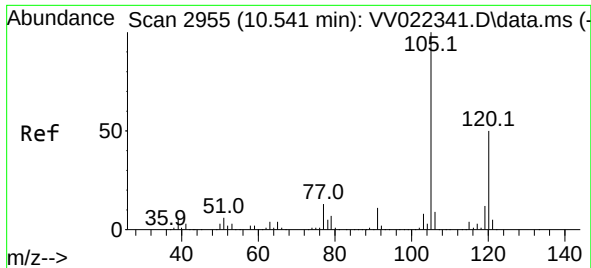
Tgt Ion:105 Resp: 467702
Ion Ratio Lower Upper
105 100
120 26.8 21.5 32.3
77 14.6 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 49.956 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

Tgt Ion: 75 Resp: 131283
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
110 41.1 32.6 48.8

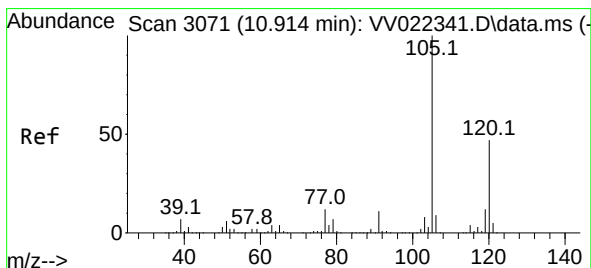
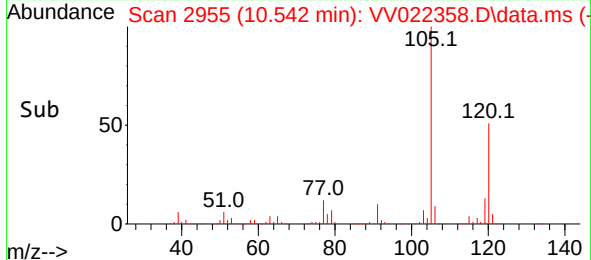
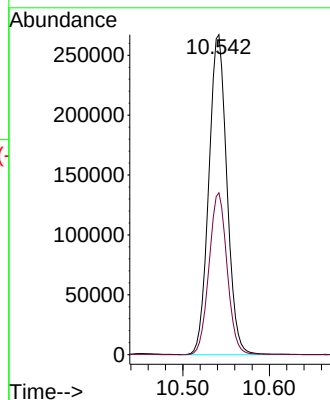
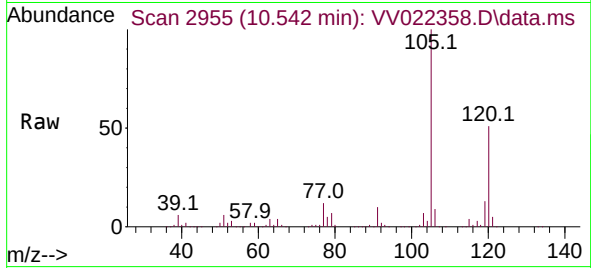




#62
1,3,5-Trimethylbenzene
Concen: 54.370 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

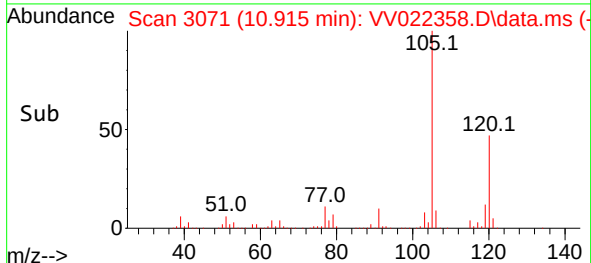
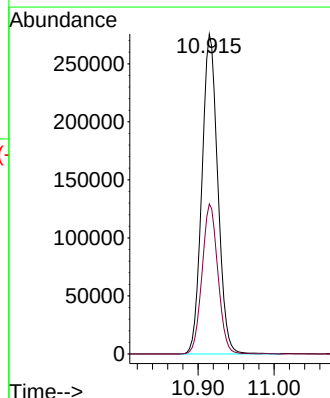
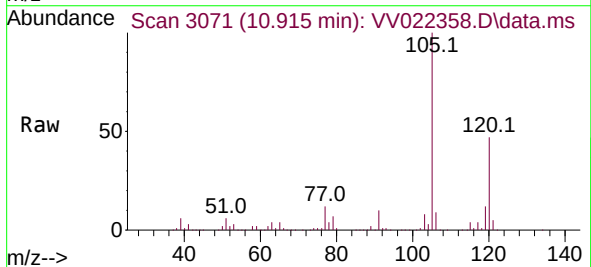
Instrument :
MSVOA_V
ClientSampled :

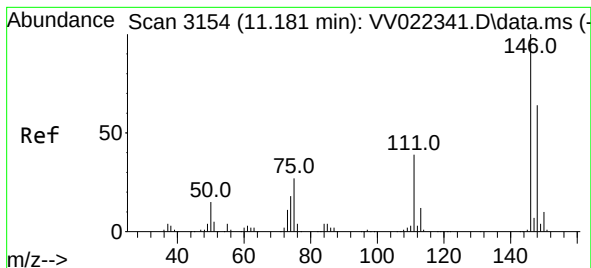
Tgt Ion:105 Resp: 388754
Ion Ratio Lower Upper
105 100
120 50.5 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 55.327 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

Tgt Ion:105 Resp: 399205
Ion Ratio Lower Upper
105 100
120 46.7 37.3 55.9

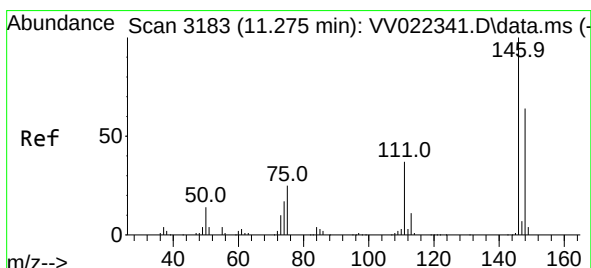
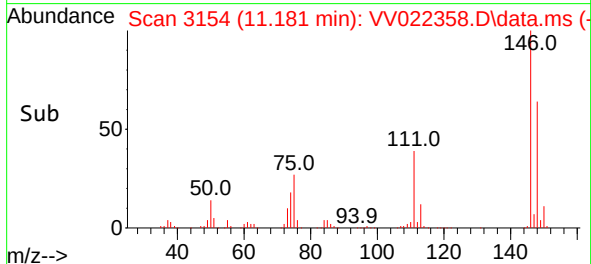
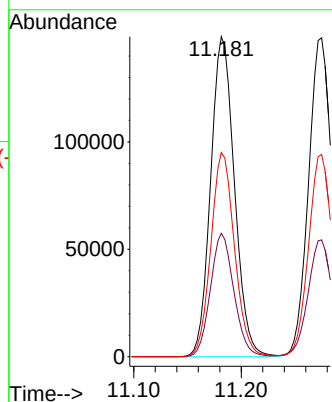
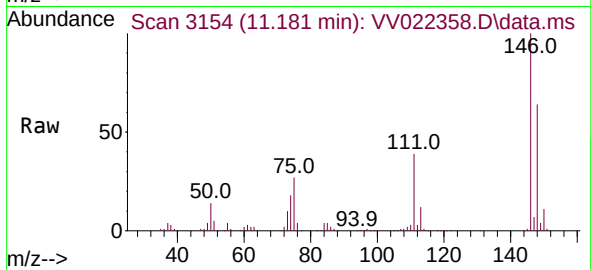




#64
1,3-Dichlorobenzene
Concen: 52.107 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

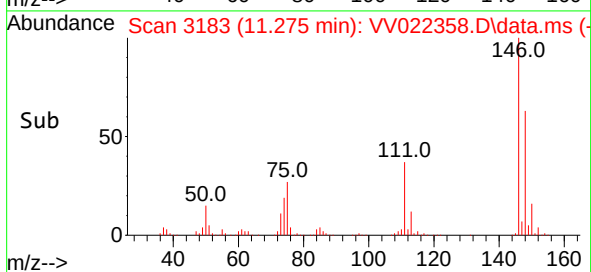
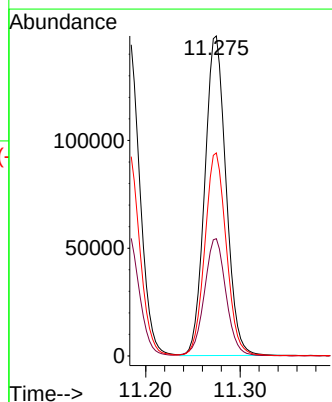
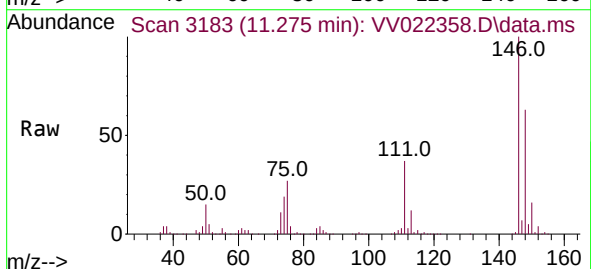
Instrument :
MSVOA_V
ClientSampled :

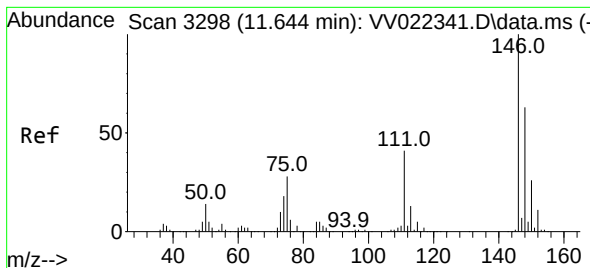
Tgt Ion:146 Resp: 229189
Ion Ratio Lower Upper
146 100
111 38.5 26.5 49.3
148 63.8 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 51.655 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

Tgt Ion:146 Resp: 231421
Ion Ratio Lower Upper
146 100
111 36.6 25.8 48.0
148 63.4 45.1 83.9

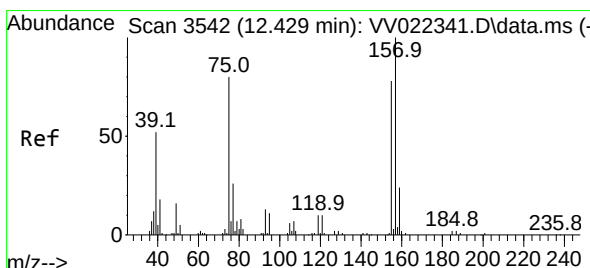
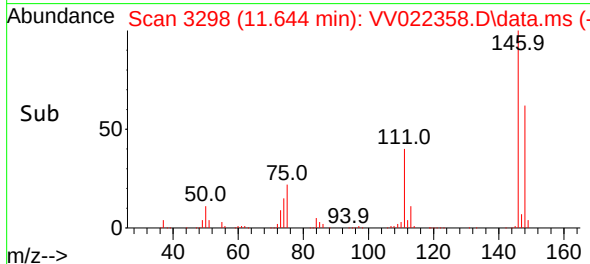
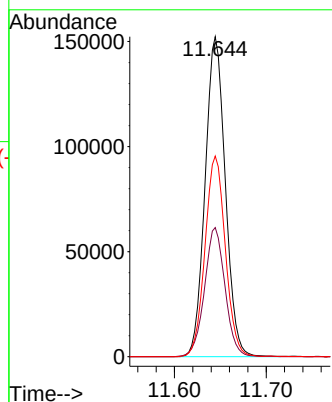
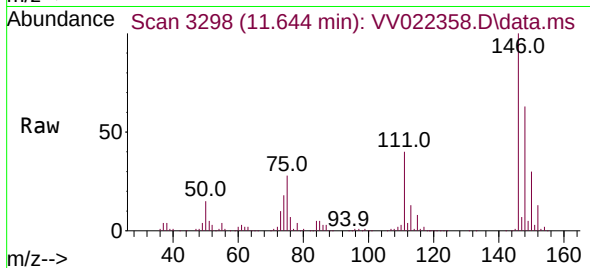




#67
1,2-Dichlorobenzene
Concen: 51.951 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

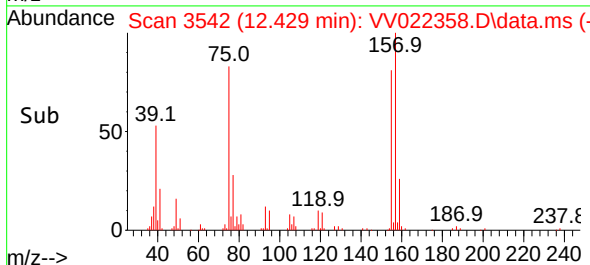
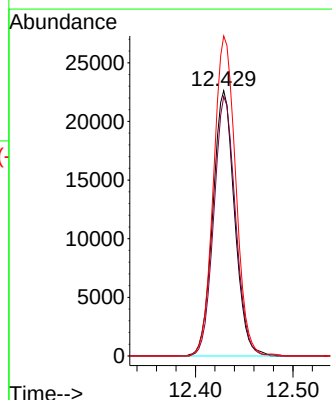
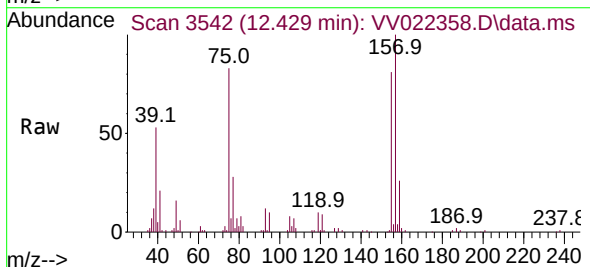
Instrument :
MSVOA_V
ClientSampled :

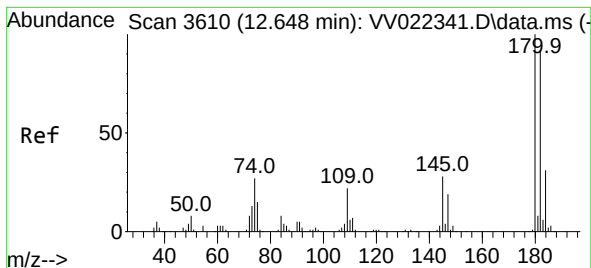
Tgt Ion:146 Resp: 233345
Ion Ratio Lower Upper
146 100
111 40.3 31.5 47.3
148 62.7 49.0 73.6



#68
1,2-Dibromo-3-chloropropane
Concen: 50.581 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

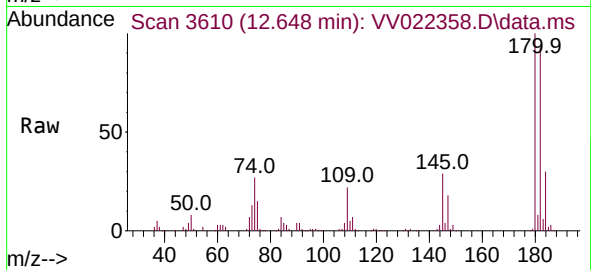
Tgt Ion: 75 Resp: 35099
Ion Ratio Lower Upper
75 100
155 97.8 79.0 118.6
157 120.7 98.2 147.2





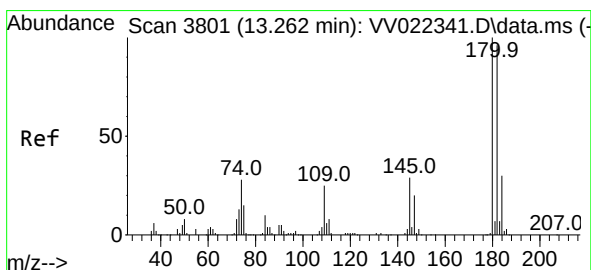
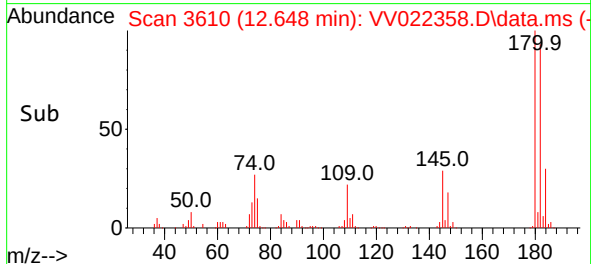
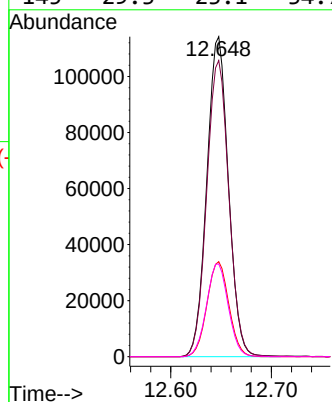
#69
1,3,5-Trichlorobenzene
Concen: 53.752 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

Instrument :
MSVOA_V
ClientSampleId :

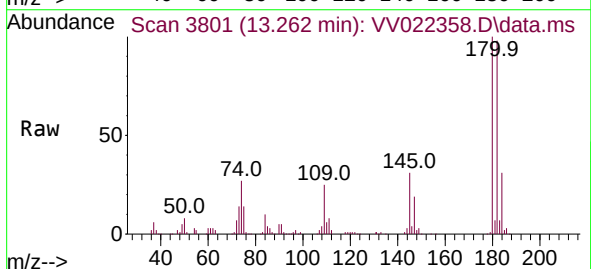


Tgt Ion:180 Resp: 170558

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.2	112.8
184	30.0	24.2	36.2
145	29.3	23.1	34.7

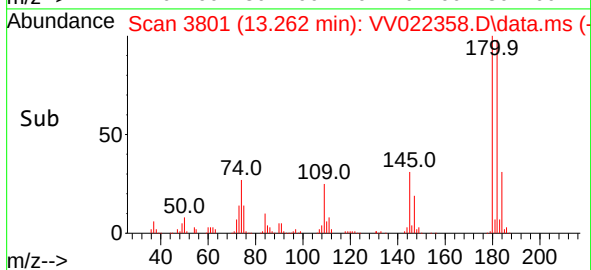
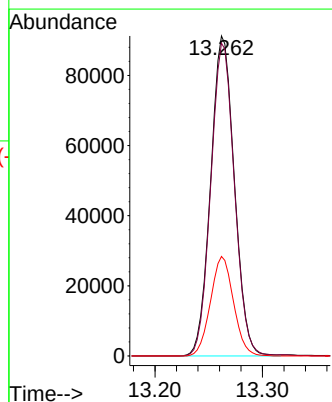


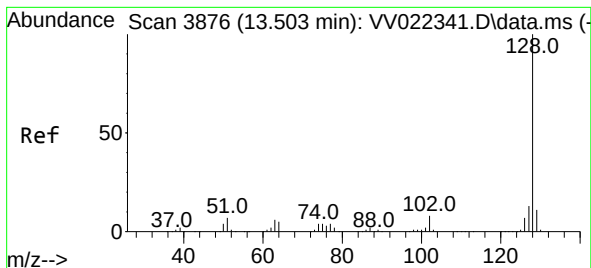
#70
1,2,4-trichlorobenzene
Concen: 52.093 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52



Tgt Ion:180 Resp: 139860

Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.2	114.2
145	30.1	23.9	35.9

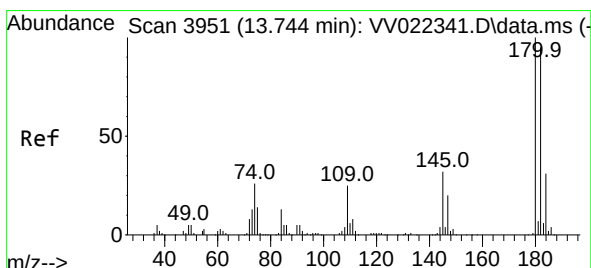
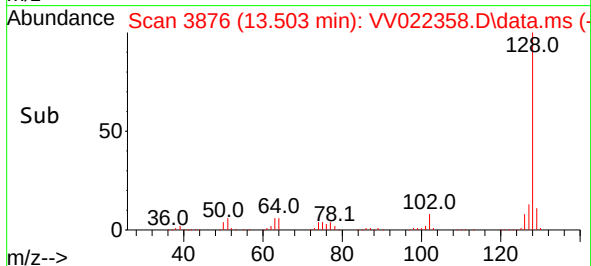
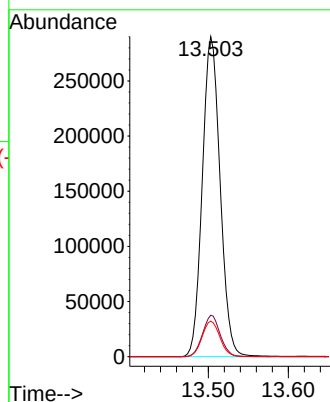
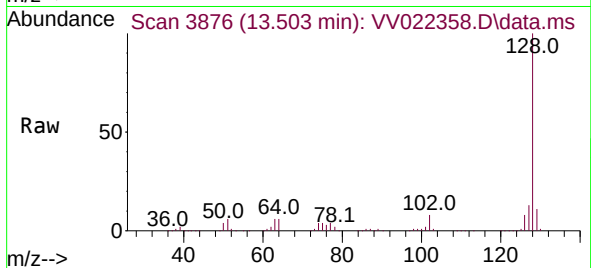




#71
Naphthalene
Concen: 54.749 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 450373
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 54.225 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022358.D
Acq: 28 Sep 2021 09:52

Tgt Ion:180 Resp: 150315
Ion Ratio Lower Upper
180 100
182 94.7 76.7 115.1
145 31.1 25.6 38.4

