

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091621\
 Data File : VW022150.D
 Acq On : 16 Sep 2021 09:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 01:49:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 15 01:09:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	320779	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	308939	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	167266	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	103485	46.585	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.160%
7) Chloroethane-d5	1.558	69	87370	50.364	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.720%
11) 1,1-Dichloroethene-d2	2.105	63	195798	53.295	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.580%
21) 2-Butanone-d5	3.873	46	160593	105.411	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.410%
24) Chloroform-d	4.349	84	216546	53.461	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.920%
26) 1,2-Dichloroethane-d4	5.031	65	129365	54.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.440%
32) Benzene-d6	5.050	84	428076	51.086	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.180%
36) 1,2-Dichloropropane-d6	6.069	67	133564	50.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.360%
41) Toluene-d8	7.317	98	401866	50.805	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	7.622	79	63041	50.261	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.520%
47) 2-Hexanone-d5	8.088	63	109283	108.080	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	188810	55.944	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.880%
66) 1,2-Dichlorobenzene-d4	11.625	152	164178	49.929	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	87242	39.566	ug/L	100
3) Chloromethane	1.240	50	93394	40.000	ug/L	96
5) Vinyl chloride	1.311	62	98630	41.911	ug/L	100
6) Bromomethane	1.510	94	66065	46.693	ug/L	97
8) Chloroethane	1.577	64	67797	46.052	ug/L	100
9) Trichlorofluoromethane	1.748	101	161587	48.217	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	101579	51.678	ug/L	98
12) 1,1-Dichloroethene	2.114	96	91261	49.322	ug/L	96
13) Acetone	2.159	43	153573	120.308	ug/L #	74
14) Carbon disulfide	2.291	76	229479	41.102	ug/L	100
15) Methyl Acetate	2.426	43	120943	48.652	ug/L	98
16) Methylene chloride	2.503	84	117865	47.545	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	103273	46.161	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	347280	48.849	ug/L	99
19) 1,1-Dichloroethane	3.188	63	197228	49.498	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	118925	47.761	ug/L	97
22) 2-Butanone	3.954	43	192937	107.527	ug/L	100
23) Bromochloromethane	4.246	128	63484	47.874	ug/L	97
25) Chloroform	4.375	83	208658	49.469	ug/L	99

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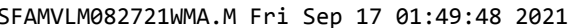
Instrument :
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 ClientSampleId :

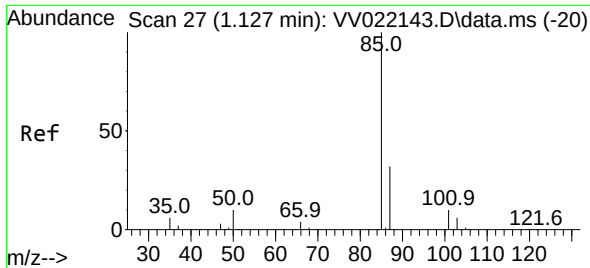
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	147729	52.248	ug/L	100
29) Cyclohexane	4.677	56	154944	44.866	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	180968	49.287	ug/L	99
31) Carbon tetrachloride	4.828	117	155696	49.355	ug/L	99
33) Benzene	5.098	78	436297	48.540	ug/L	100
34) Trichloroethene	5.915	95	116853	45.896	ug/L	99
35) Methylcyclohexane	6.130	83	167698	45.056	ug/L	98
37) 1,2-Dichloropropane	6.172	63	115173	49.432	ug/L	99
38) Bromodichloromethane	6.510	83	152614	51.220	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	178016	49.487	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	323161	102.308	ug/L	99
42) Toluene	7.387	91	473457	48.805	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	170161	50.825	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	118139	49.833	ug/L	99
46) Tetrachloroethene	7.976	164	91492	46.215	ug/L	98
48) 2-Hexanone	8.140	43	265521	108.340	ug/L	98
49) Dibromochloromethane	8.249	129	132630	52.265	ug/L	98
50) 1,2-Dibromoethane	8.352	107	124976	49.120	ug/L	99
51) Chlorobenzene	8.883	112	312859	47.967	ug/L	98
52) Ethylbenzene	9.014	91	504930	48.082	ug/L	98
53) m,p-Xylene	9.140	106	198789	48.702	ug/L	98
54) o-Xylene	9.545	106	197736	48.961	ug/L	98
55) Styrene	9.561	104	345694	50.156	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	184989	53.856	ug/L	100
59) Bromoform	9.731	173	94011	52.918	ug/L	100
60) Isopropylbenzene	9.934	105	525574	50.006	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	149273	51.492	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	438259	49.669	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	448778	50.039	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	254617	47.714	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	258198	47.284	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	264351	49.890	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	37709	53.973	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	188391	47.213	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	156096	44.470	ug/L	99
71) Naphthalene	13.503	128	454574	45.020	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	163979	47.895	ug/L	97

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

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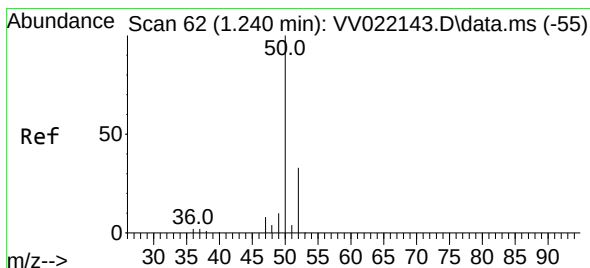
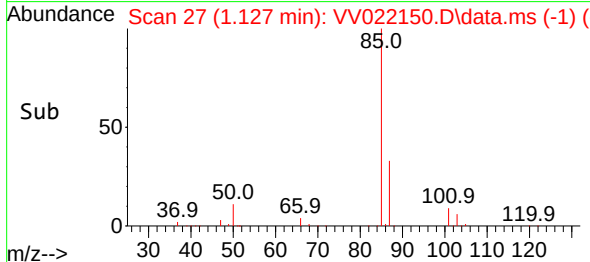
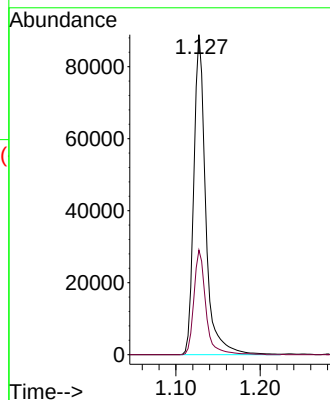
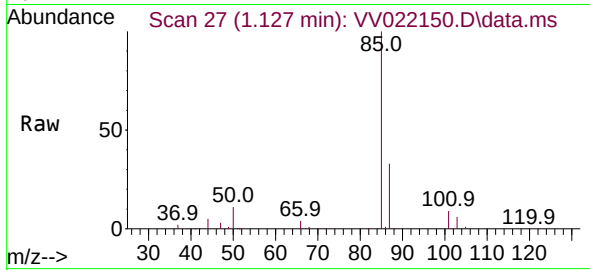




#2
 Dichlorodifluoromethane
 Concen: 39.566 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022150.D
 Acq: 16 Sep 2021 09:09

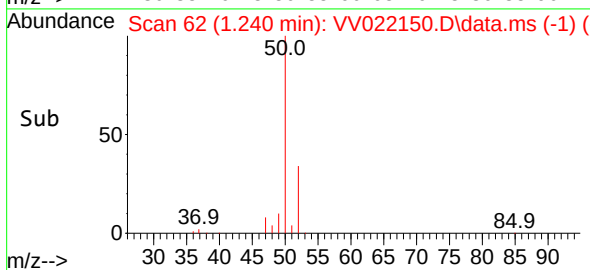
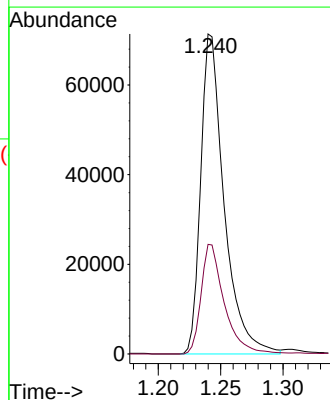
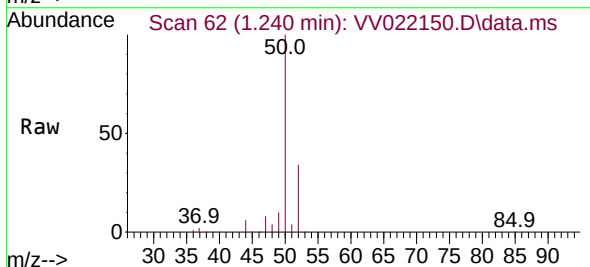
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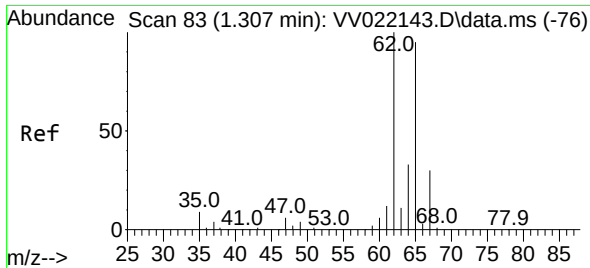
Tgt Ion: 85 Resp: 87242
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.0 39.0



#3
 Chloromethane
 Concen: 40.000 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV022150.D
 Acq: 16 Sep 2021 09:09

Tgt Ion: 50 Resp: 93394
 Ion Ratio Lower Upper
 50 100
 52 34.2 22.5 41.9

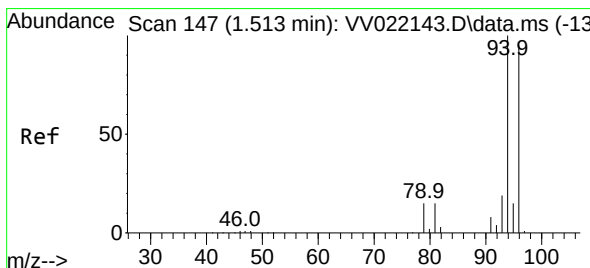
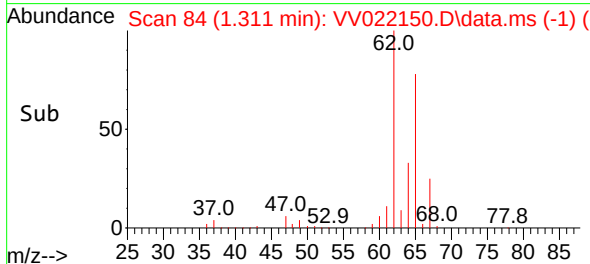
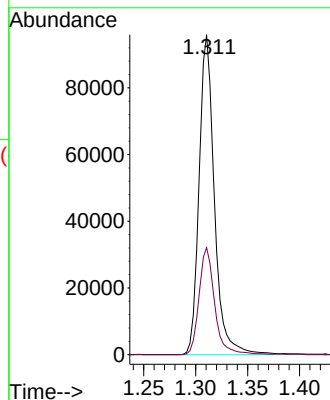
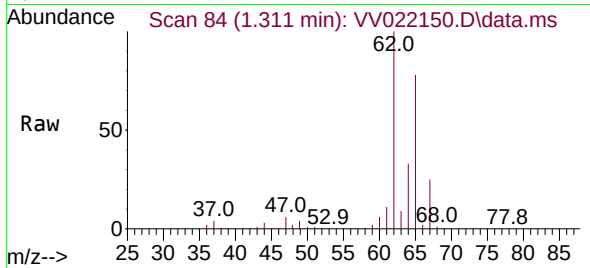




#5
 Vinyl chloride
 Concen: 41.911 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022150.D
 Acq: 16 Sep 2021 09:09

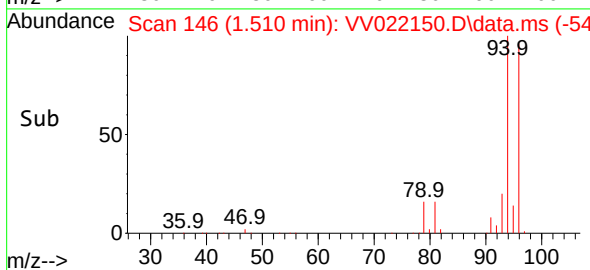
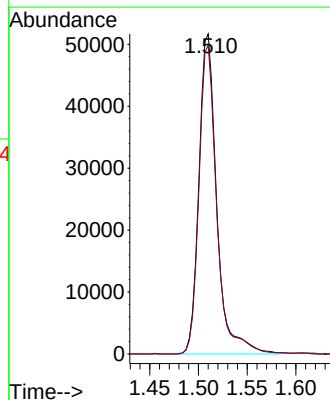
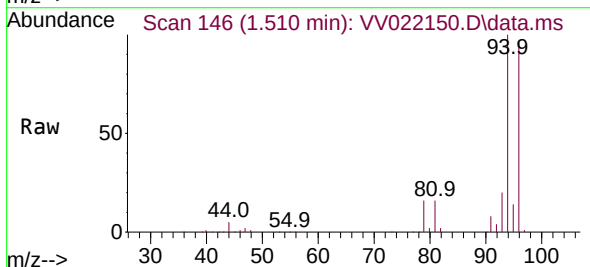
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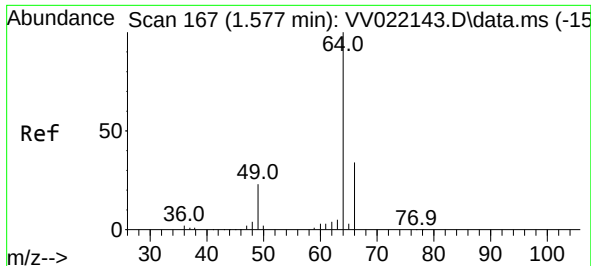
Tgt Ion: 62 Resp: 98630
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.4 43.6



#6
 Bromomethane
 Concen: 46.693 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. -0.003 min
 Lab File: VV022150.D
 Acq: 16 Sep 2021 09:09

Tgt Ion: 94 Resp: 66065
 Ion Ratio Lower Upper
 94 100
 96 96.4 65.8 122.2

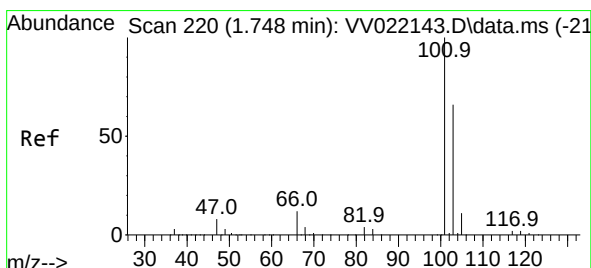
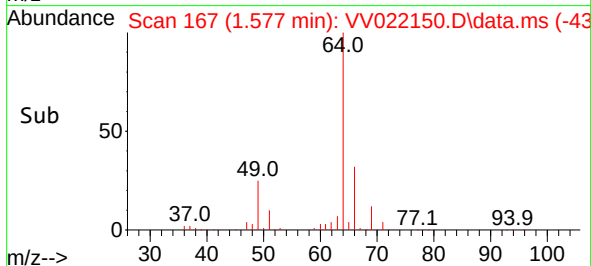
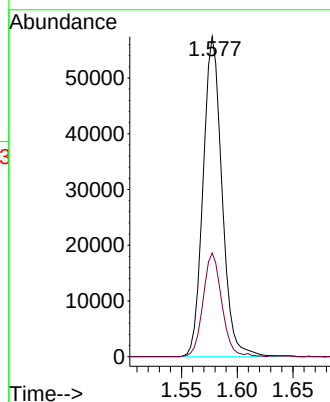
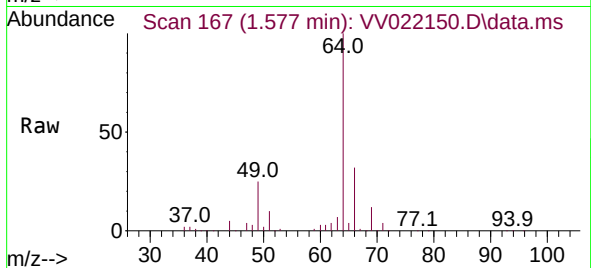




#8
Chloroethane
Concen: 46.052 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

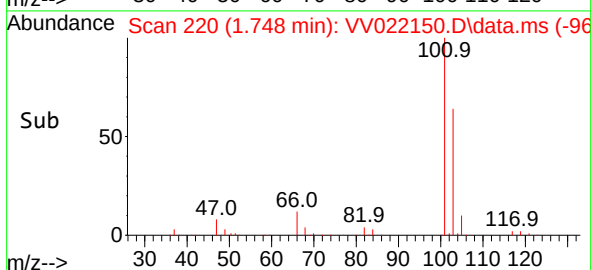
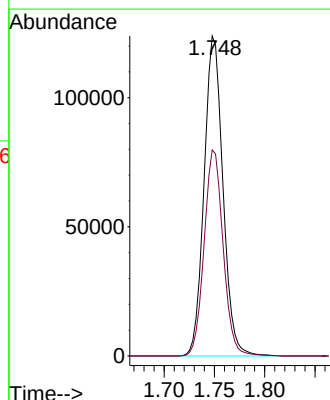
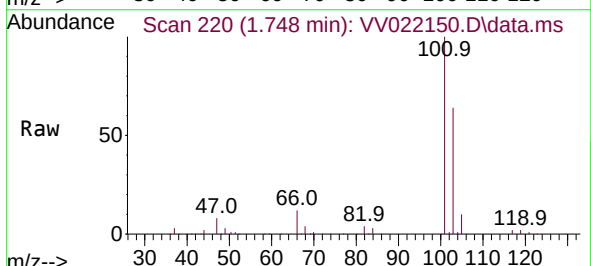
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ClientSampled :

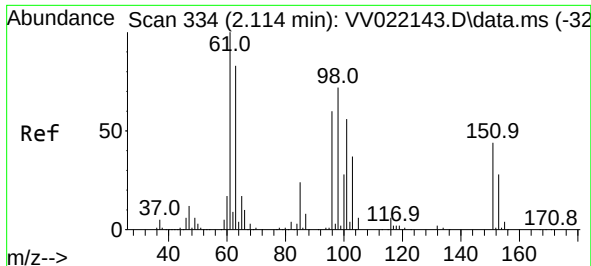
Tgt Ion: 64 Resp: 67797
Ion Ratio Lower Upper
64 100
66 32.4 22.7 42.3



#9
Trichlorofluoromethane
Concen: 48.217 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Tgt Ion:101 Resp: 161587
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

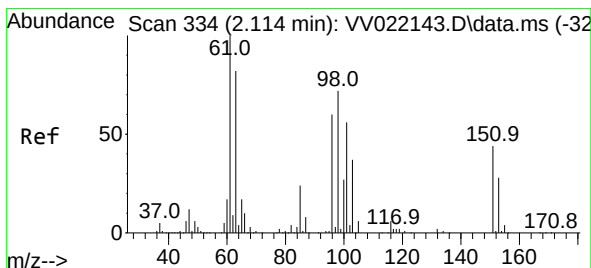
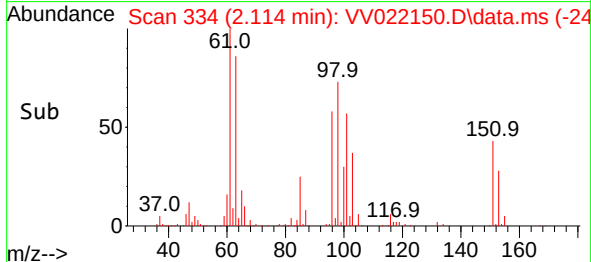
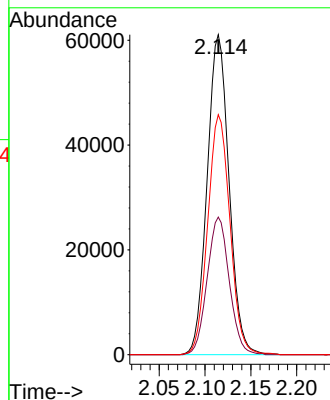
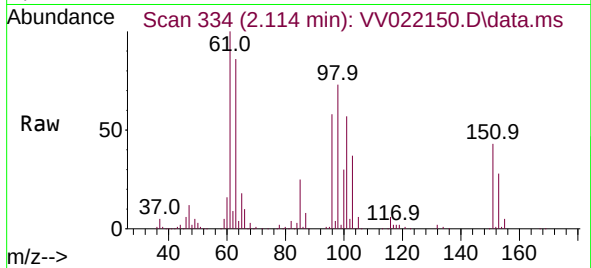




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.678 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV022150.D
 Acq: 16 Sep 2021 09:09

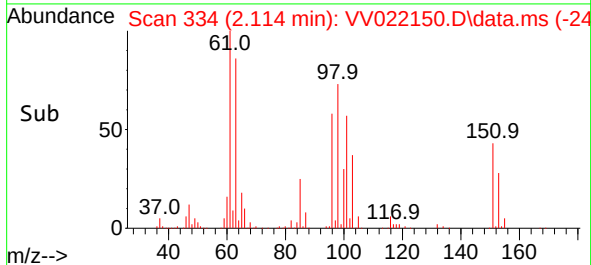
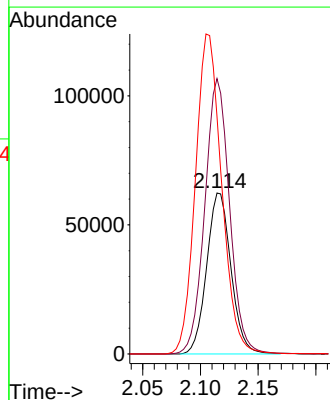
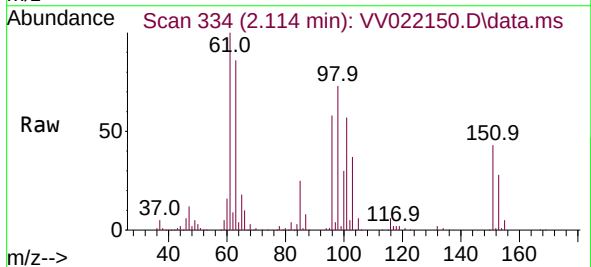
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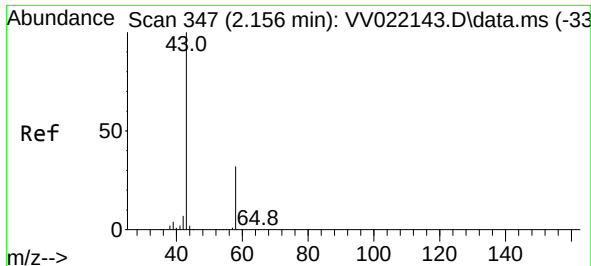
Tgt Ion:101 Resp: 101579
 Ion Ratio Lower Upper
 101 100
 85 43.3 33.4 50.0
 151 76.0 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 49.322 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV022150.D
 Acq: 16 Sep 2021 09:09

Tgt Ion: 96 Resp: 91261
 Ion Ratio Lower Upper
 96 100
 61 171.0 113.2 210.2
 63 147.5 102.3 189.9

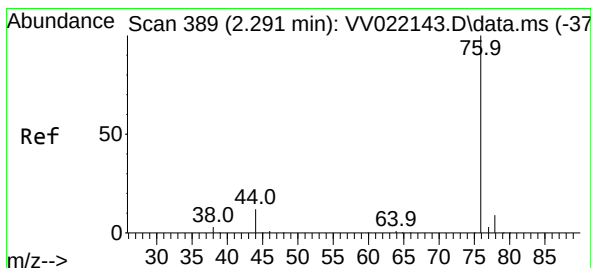
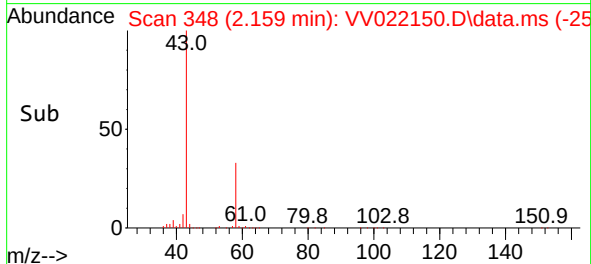
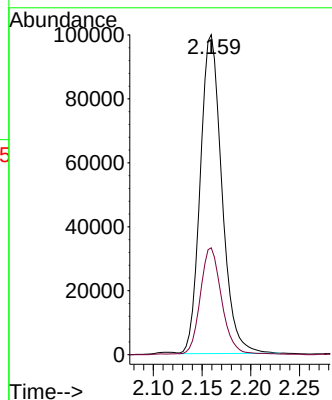
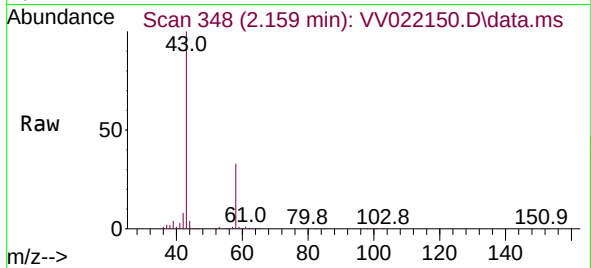




#13
Acetone
Concen: 120.308 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.003 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

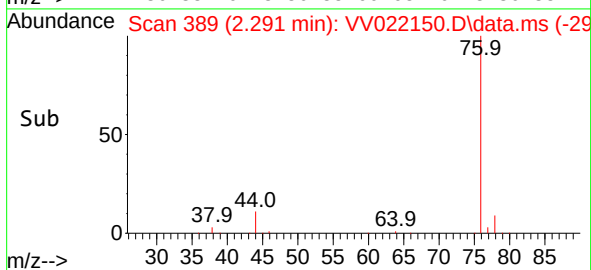
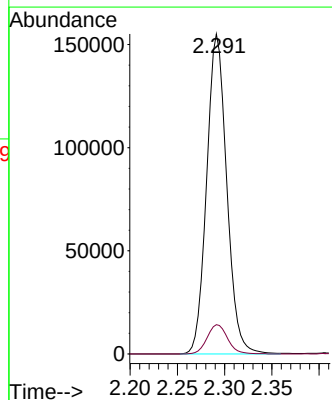
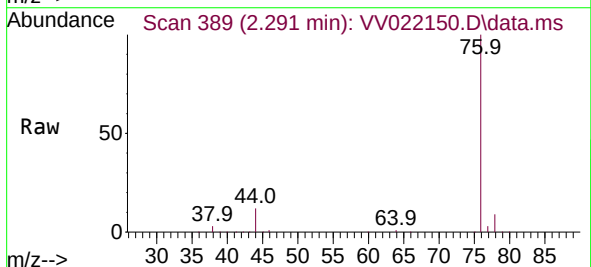
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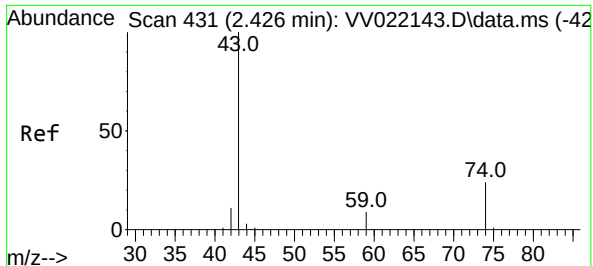
Tgt Ion: 43 Resp: 153573
Ion Ratio Lower Upper
43 100
58 33.1 0.0 0.4#



#14
Carbon disulfide
Concen: 41.102 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Tgt Ion: 76 Resp: 229479
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

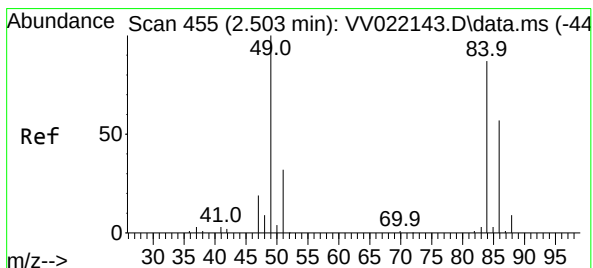
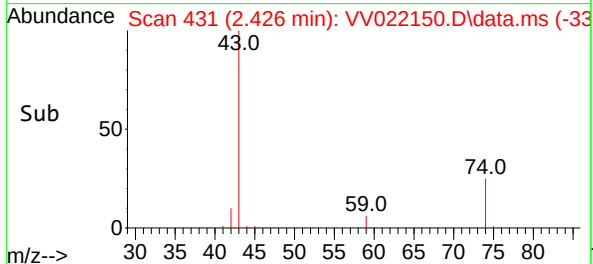
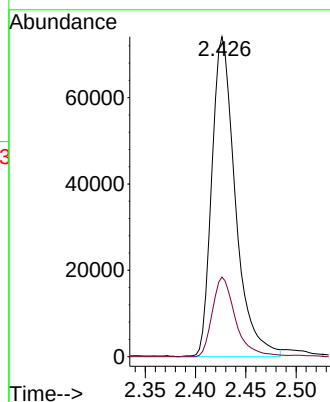
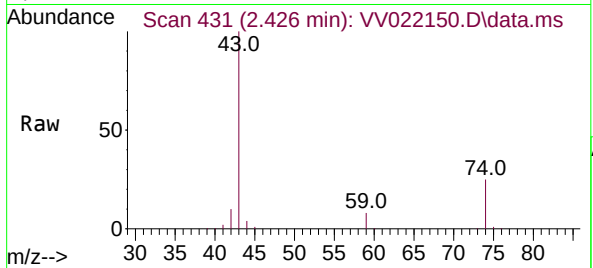




#15
Methyl Acetate
Concen: 48.652 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

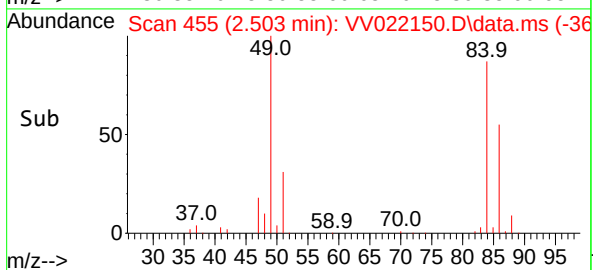
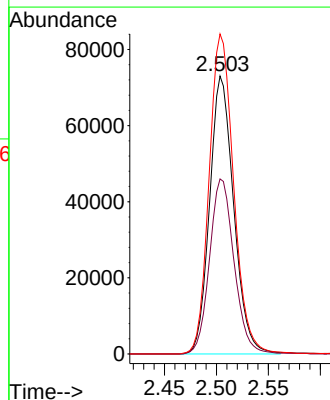
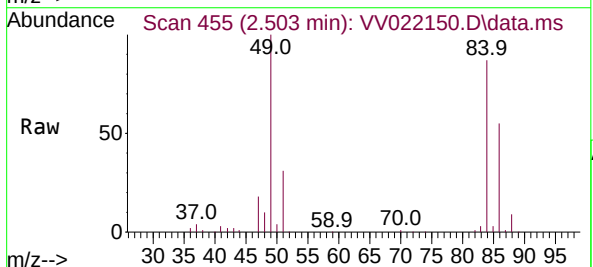
Instrument :
MSVOA_V
ClientSampled :

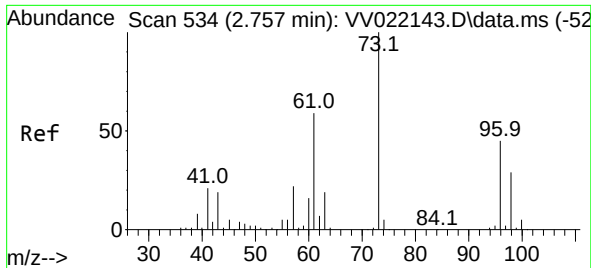
Tgt Ion: 43 Resp: 120943
Ion Ratio Lower Upper
43 100
74 24.4 20.2 30.2



#16
Methylene chloride
Concen: 47.545 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Tgt Ion: 84 Resp: 117865
Ion Ratio Lower Upper
84 100
86 63.0 44.8 83.2
49 115.2 80.2 149.0

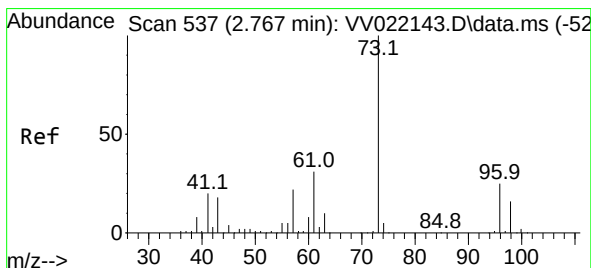
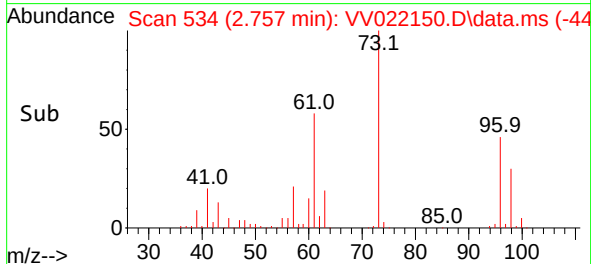
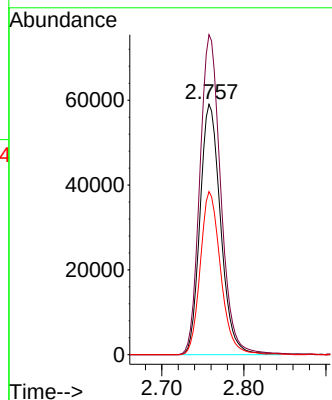
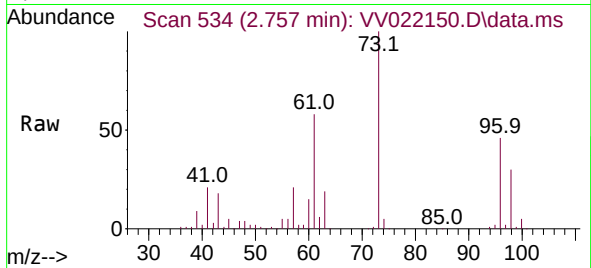




#17
trans-1,2-Dichloroethene
Concen: 46.161 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

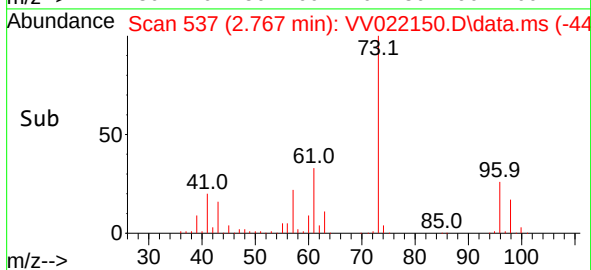
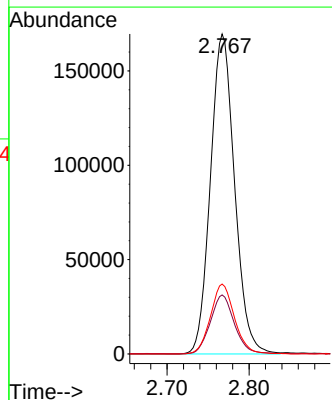
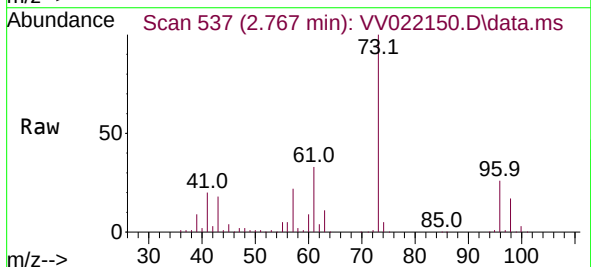
Instrument :
MSVOA_V
ClientSampleId :

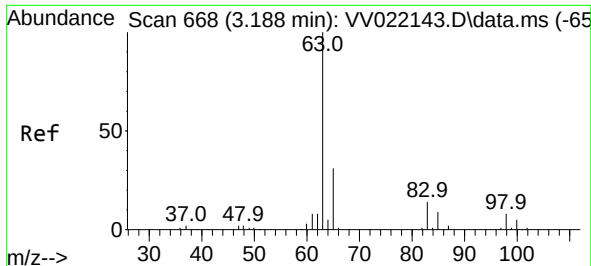
Tgt Ion: 96 Resp: 103273
Ion Ratio Lower Upper
96 100
61 127.8 89.1 165.5
98 65.1 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 48.849 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Tgt Ion: 73 Resp: 347280
Ion Ratio Lower Upper
73 100
43 18.3 13.8 20.6
57 21.7 17.1 25.7





#19

1,1-Dichloroethane

Concen: 49.498 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.000 min

Lab File: VV022150.D

Acq: 16 Sep 2021 09:09

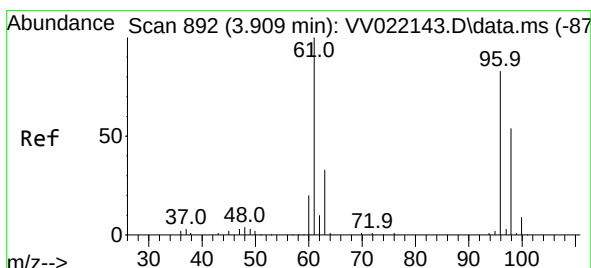
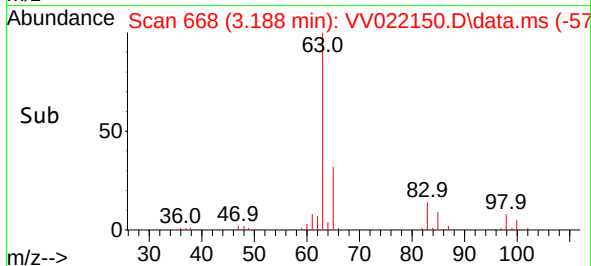
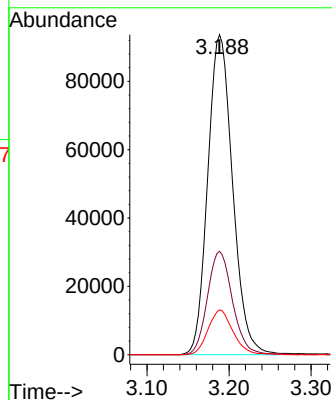
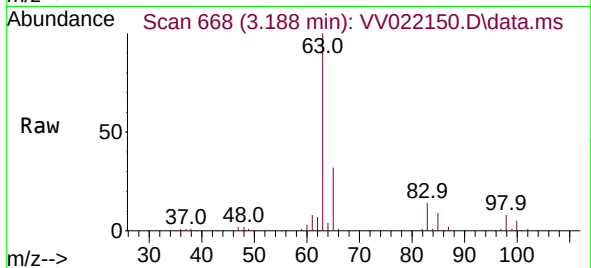
Tgt Ion: 63 Resp: 197228

Ion Ratio Lower Upper

63 100

65 32.3 22.2 41.2

83 14.0 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 47.761 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV022150.D

Acq: 16 Sep 2021 09:09

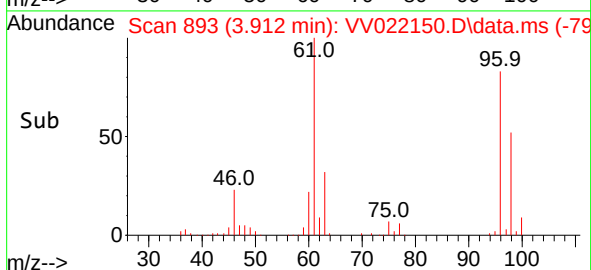
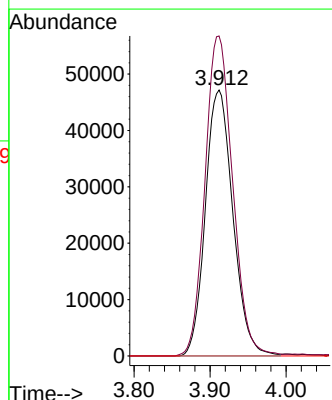
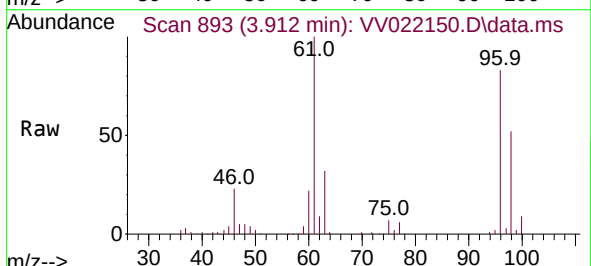
Tgt Ion: 96 Resp: 118925

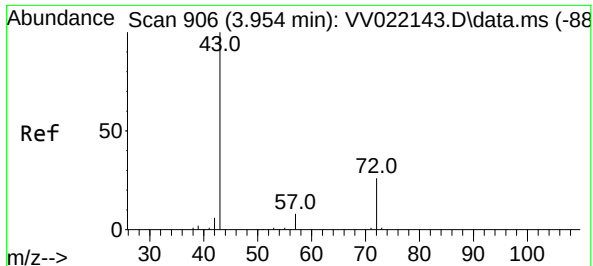
Ion Ratio Lower Upper

96 100

61 120.4 81.8 152.0

68 0.0 0.0 0.0

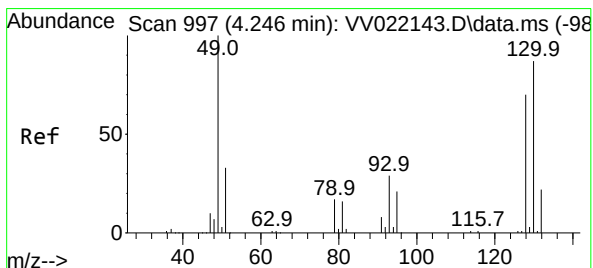
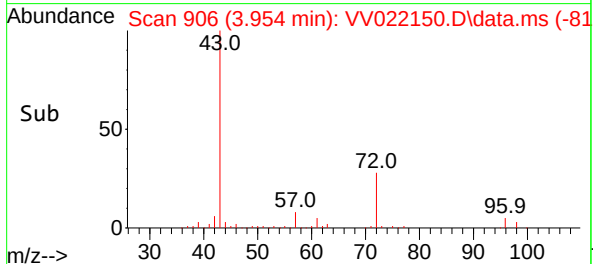
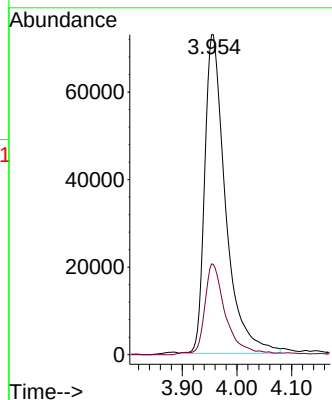
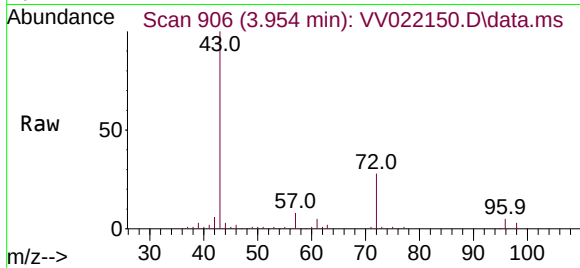




#22
2-Butanone
Concen: 107.527 ug/L
RT: 3.954 min Scan# 906
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

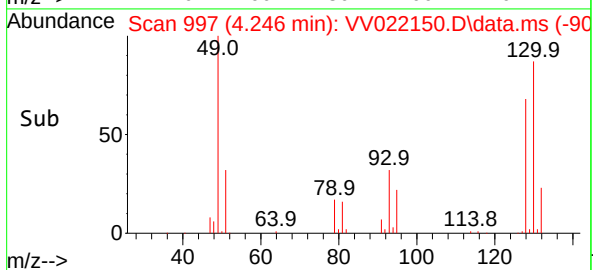
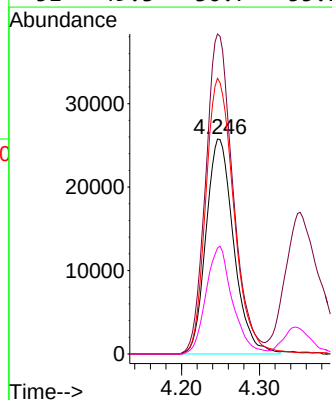
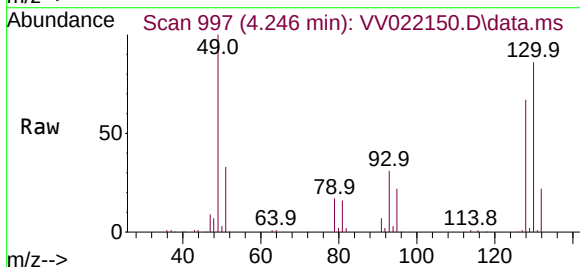
Instrument :
MSVOA_V
ClientSampled :

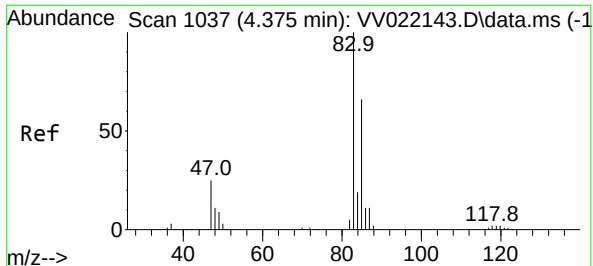
Tgt Ion: 43 Resp: 192937
Ion Ratio Lower Upper
43 100
72 26.2 13.3 39.8



#23
Bromochloromethane
Concen: 47.874 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Tgt Ion: 128 Resp: 63484
Ion Ratio Lower Upper
128 100
49 148.9 101.6 188.8
130 128.3 88.5 164.3
51 49.3 36.7 55.1





#25

Chloroform

Concen: 49.469 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV022150.D

Acq: 16 Sep 2021 09:09

Tgt Ion: 83 Resp: 208658

Ion Ratio Lower Upper

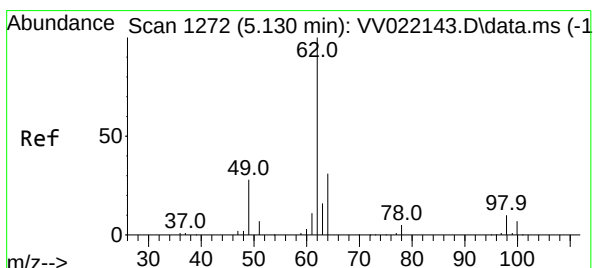
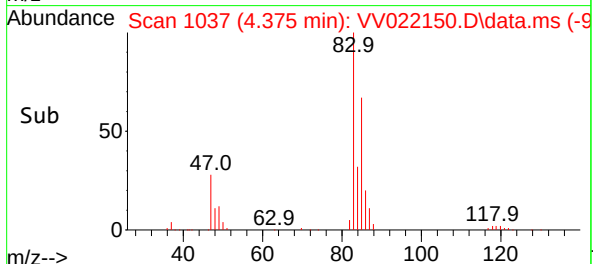
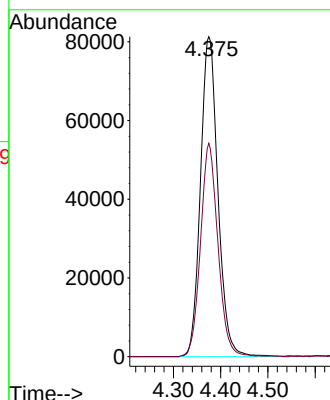
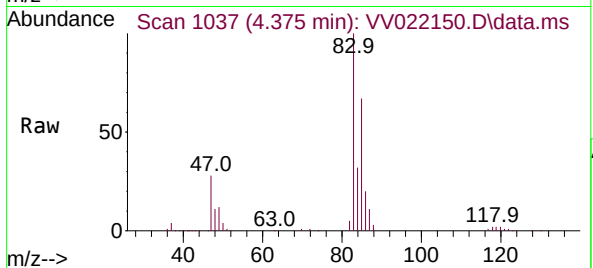
83 100

85 66.7 46.3 85.9

Instrument :

MSVOA_V

ClientSampled :



#27

1,2-Dichloroethane

Concen: 52.248 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV022150.D

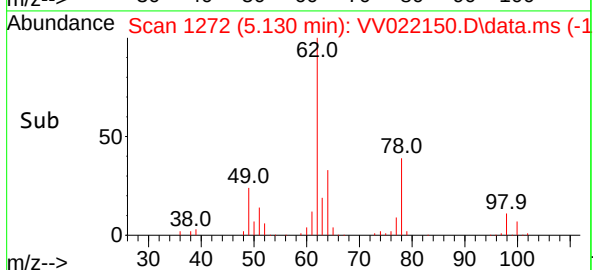
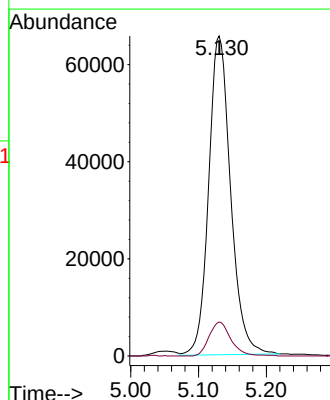
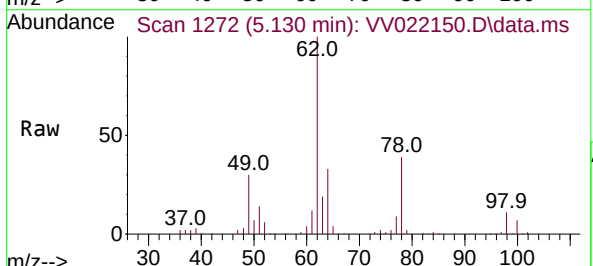
Acq: 16 Sep 2021 09:09

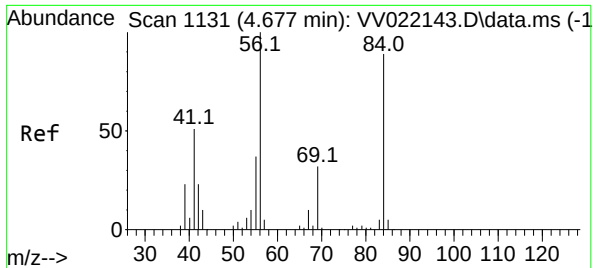
Tgt Ion: 62 Resp: 147729

Ion Ratio Lower Upper

62 100

98 10.6 8.5 12.7





#29

Cyclohexane

Concen: 44.866 ug/L

RT: 4.677 min Scan# 1131

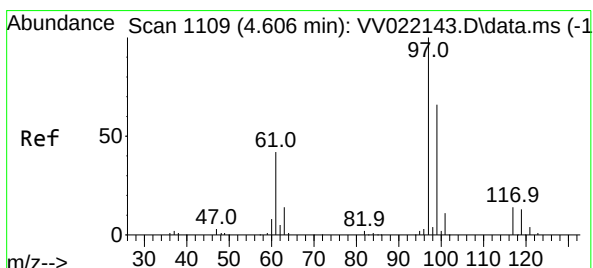
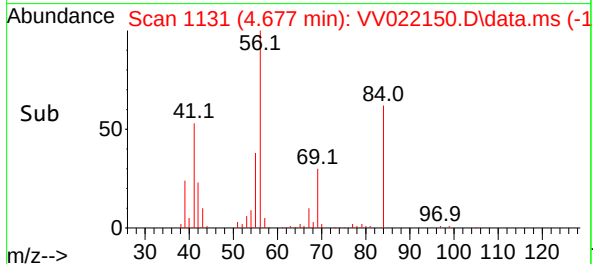
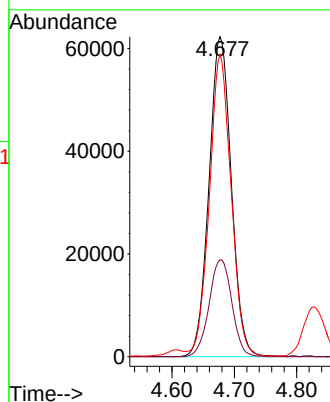
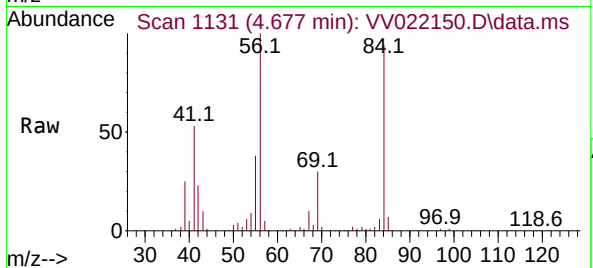
Delta R.T. 0.000 min

Lab File: VV022150.D

Acq: 16 Sep 2021 09:09

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	56	Resp:	154944
Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.2	37.8
84	91.7	74.6	111.8



#30

1,1,1-Trichloroethane

Concen: 49.287 ug/L

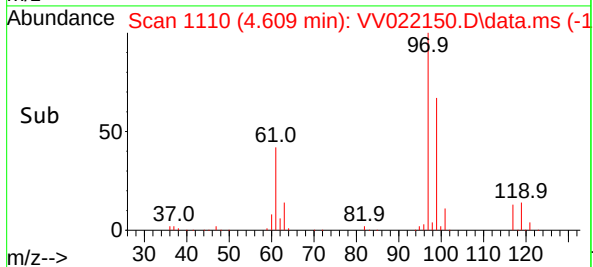
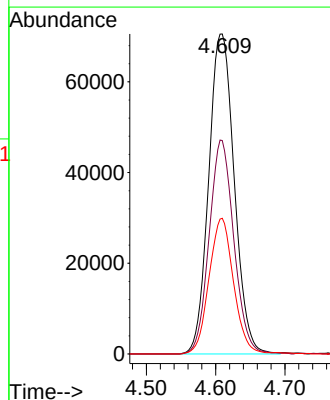
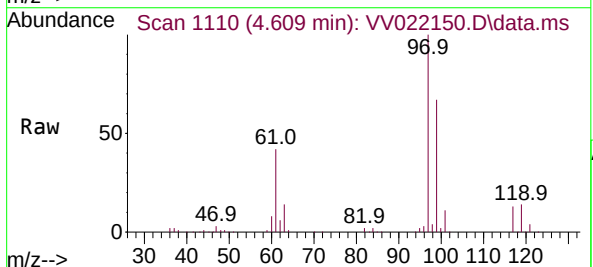
RT: 4.609 min Scan# 1110

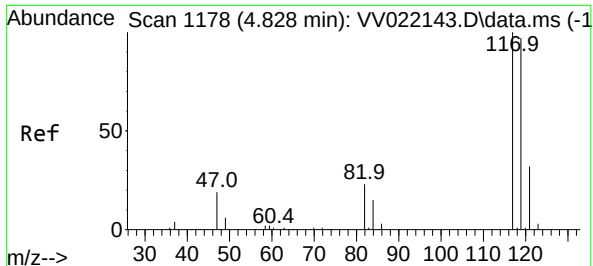
Delta R.T. 0.003 min

Lab File: VV022150.D

Acq: 16 Sep 2021 09:09

Tgt Ion:	97	Resp:	180968
Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.0	78.0
61	40.6	31.8	47.8

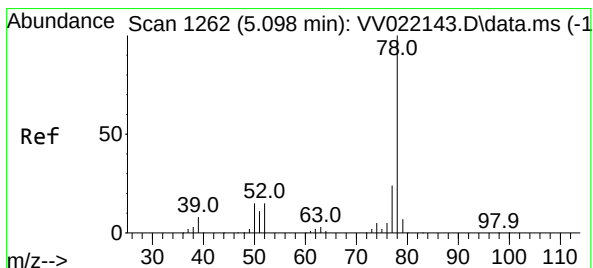
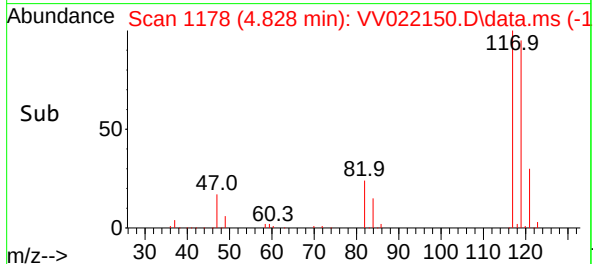
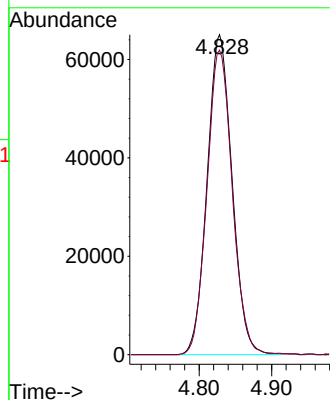
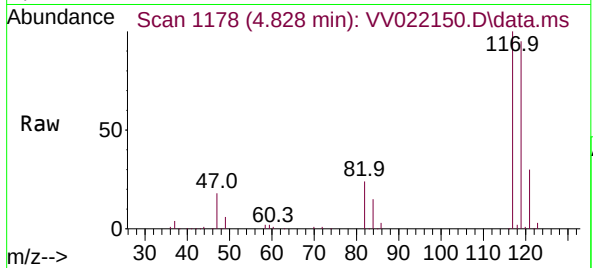




#31
Carbon tetrachloride
Concen: 49.355 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

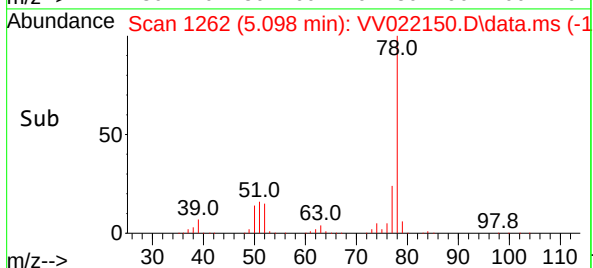
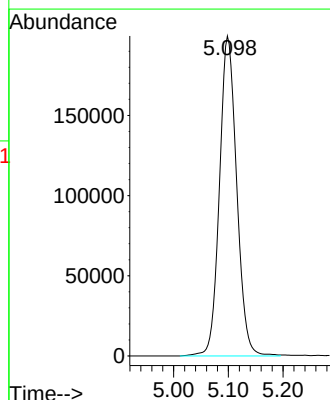
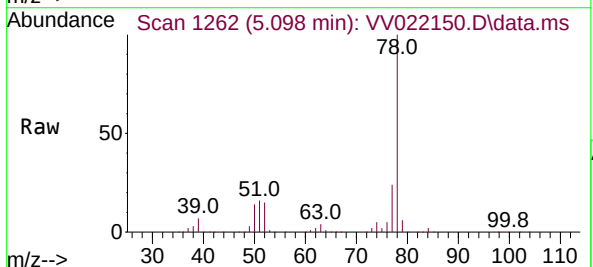
Instrument :
MSVOA_V
ClientSampled :

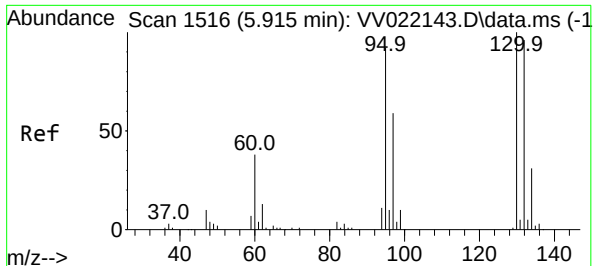
Tgt Ion:117 Resp: 155696
Ion Ratio Lower Upper
117 100
119 96.3 76.6 114.8



#33
Benzene
Concen: 48.540 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Tgt Ion: 78 Resp: 436297





#34

Trichloroethene

Concen: 45.896 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV022150.D

Acq: 16 Sep 2021 09:09

Tgt Ion: 95 Resp: 116853

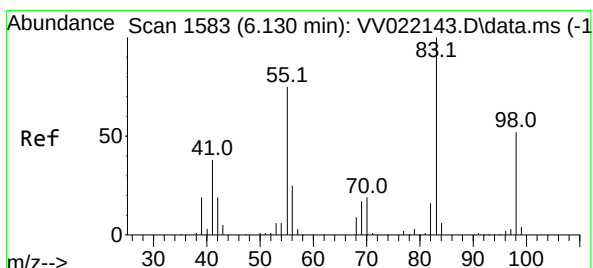
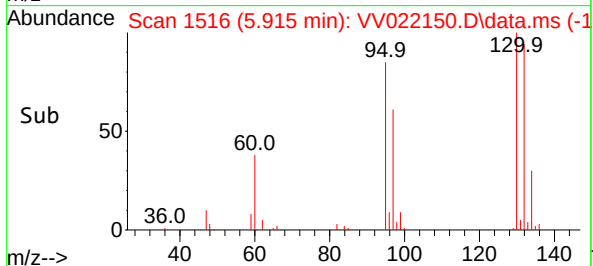
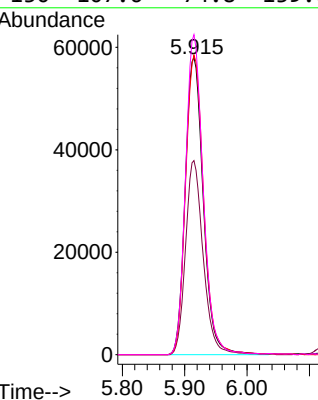
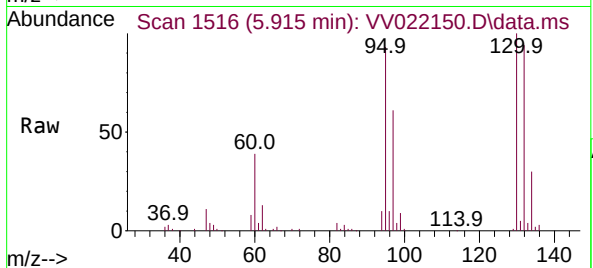
Ion Ratio Lower Upper

95 100

97 65.3 44.1 81.9

132 100.8 70.7 131.3

130 107.6 74.8 139.0



#35

Methylcyclohexane

Concen: 45.056 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV022150.D

Acq: 16 Sep 2021 09:09

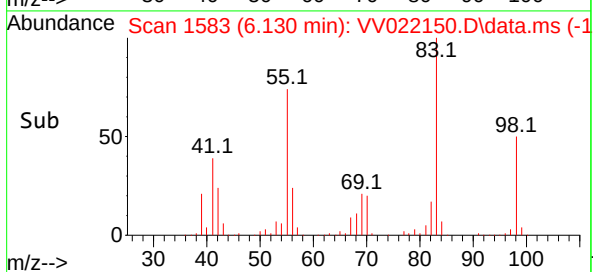
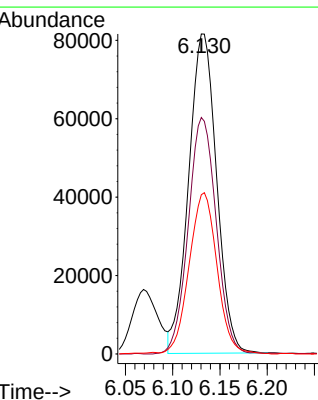
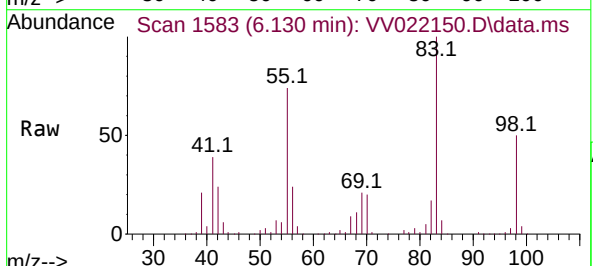
Tgt Ion: 83 Resp: 167698

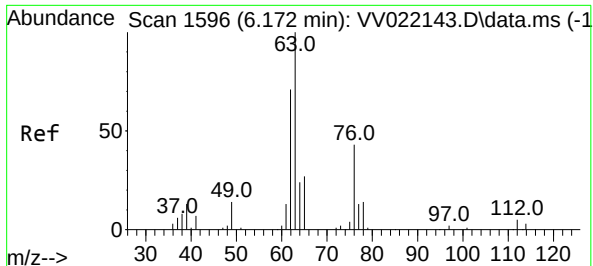
Ion Ratio Lower Upper

83 100

55 74.1 56.8 85.2

98 50.3 39.9 59.9

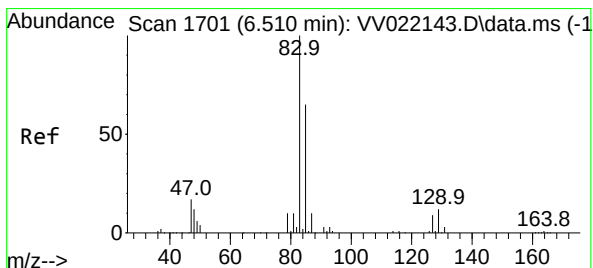
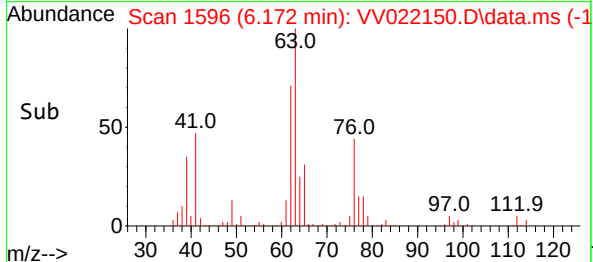
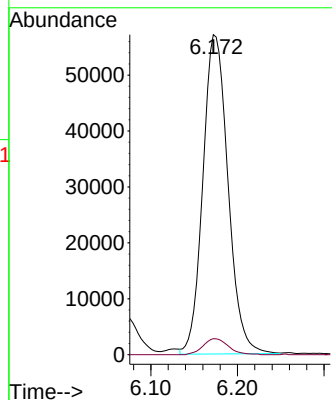
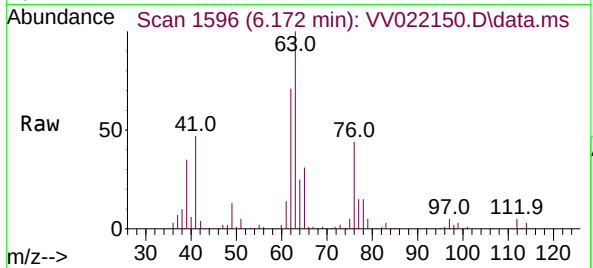




#37
1,2-Dichloropropane
Concen: 49.432 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

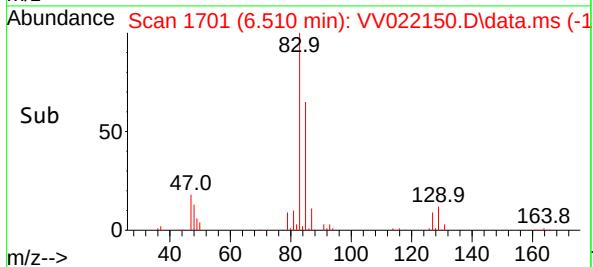
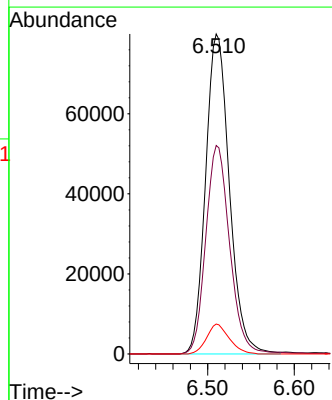
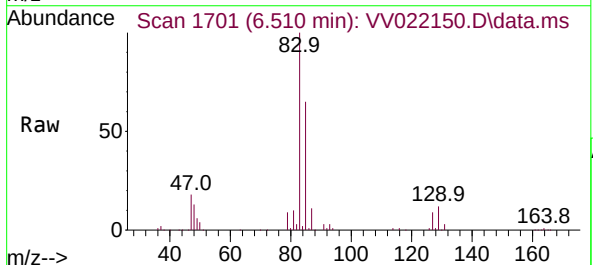
Instrument :
MSVOA_V
ClientSampled :

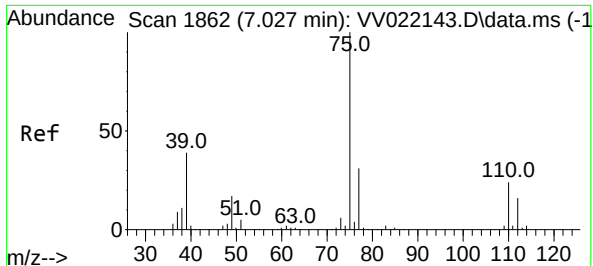
Tgt Ion: 63 Resp: 115173
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.6



#38
Bromodichloromethane
Concen: 51.220 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Tgt Ion: 83 Resp: 152614
Ion Ratio Lower Upper
83 100
85 65.1 44.8 83.2
127 9.4 7.3 10.9

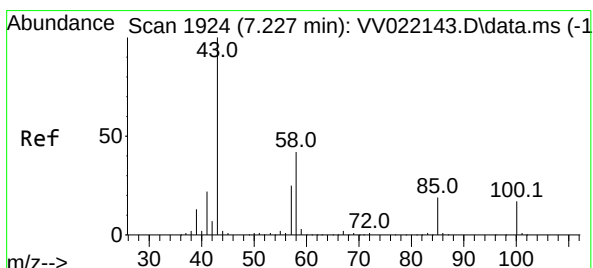
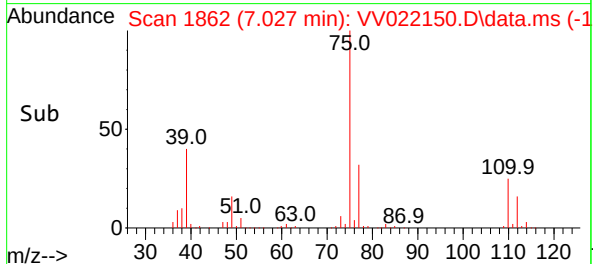
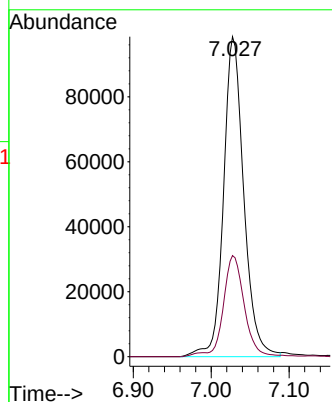
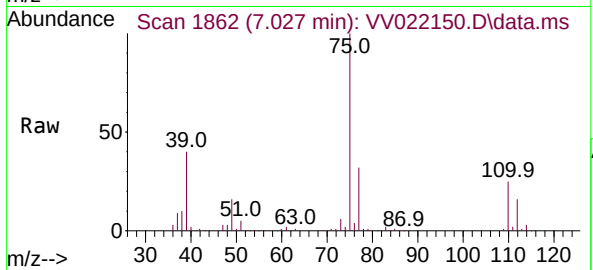




#39
 cis-1,3-Dichloropropene
 Concen: 49.487 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV022150.D
 Acq: 16 Sep 2021 09:09

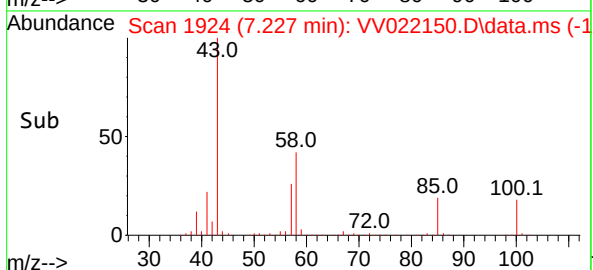
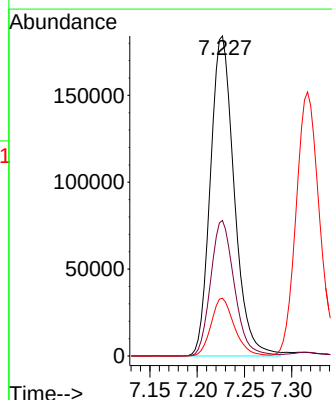
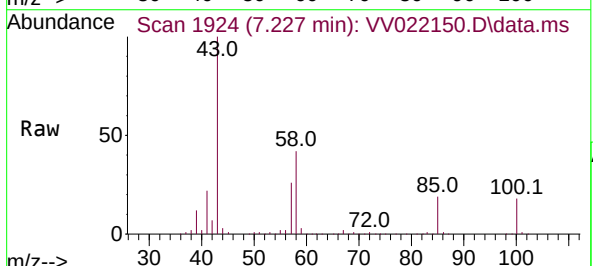
Instrument :
 MSVOA_V
 ClientSampled :

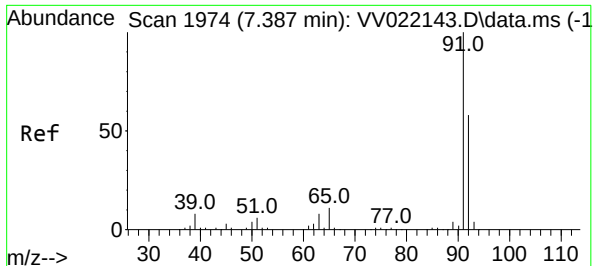
Tgt Ion: 75 Resp: 178016
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 102.308 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VV022150.D
 Acq: 16 Sep 2021 09:09

Tgt Ion: 43 Resp: 323161
 Ion Ratio Lower Upper
 43 100
 58 42.2 33.3 49.9
 100 17.6 14.5 21.7

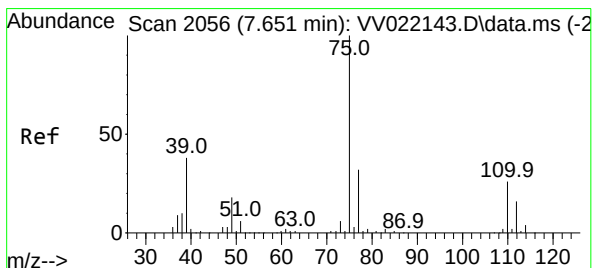
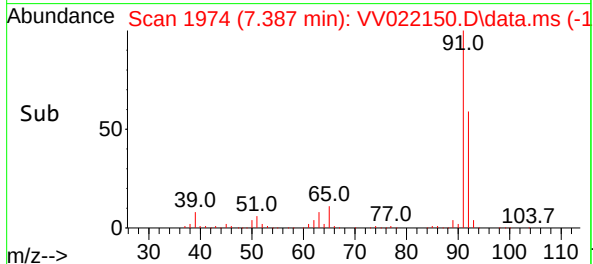
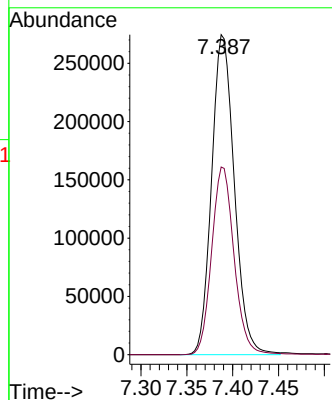
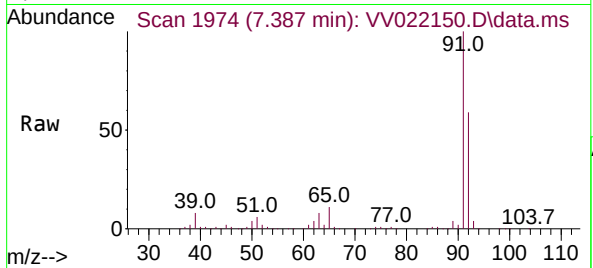




#42
Toluene
Concen: 48.805 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

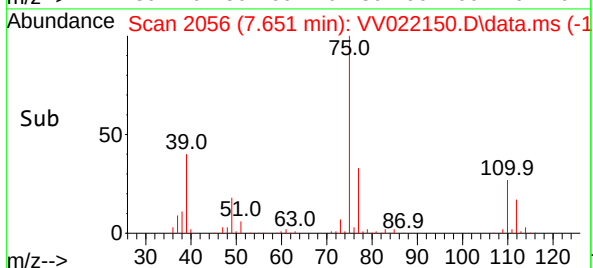
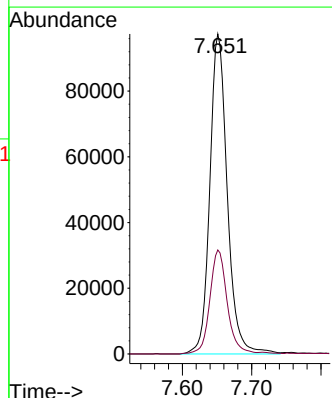
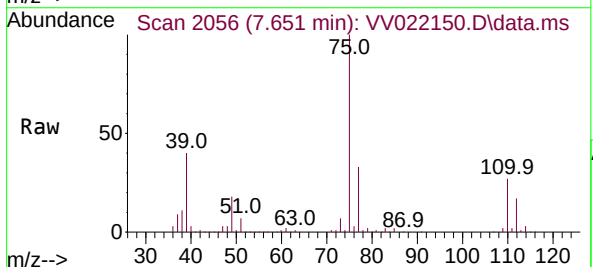
Instrument :
MSVOA_V
ClientSampled :

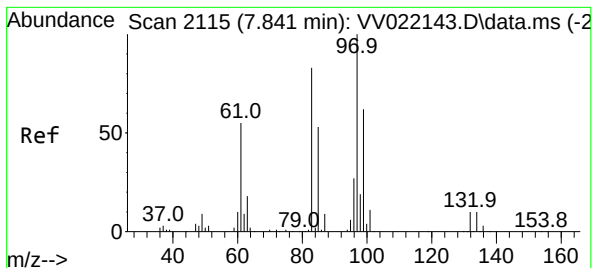
Tgt Ion: 91 Resp: 473457
Ion Ratio Lower Upper
91 100
92 58.6 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 50.825 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Tgt Ion: 75 Resp: 170161
Ion Ratio Lower Upper
75 100
77 32.5 21.8 40.6



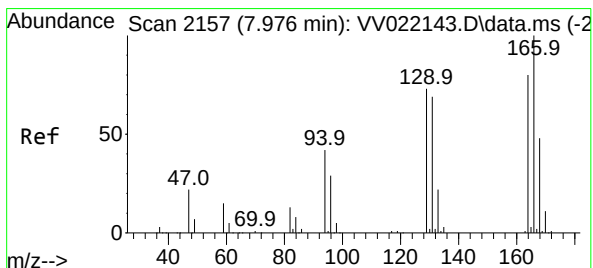
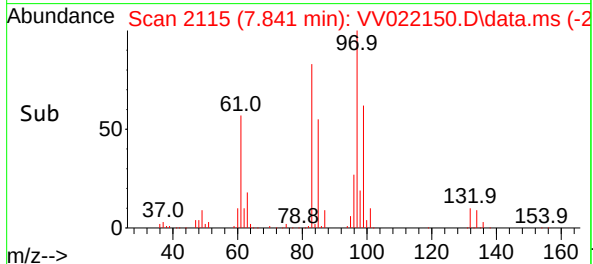
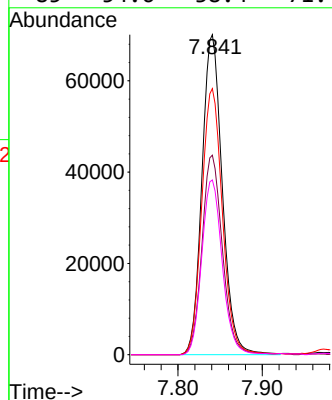
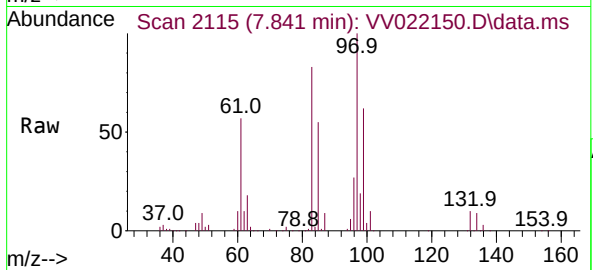


#45

1,1,2-Trichloroethane
Concen: 49.833 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Instrument :
MSVOA_V
ClientSampled :

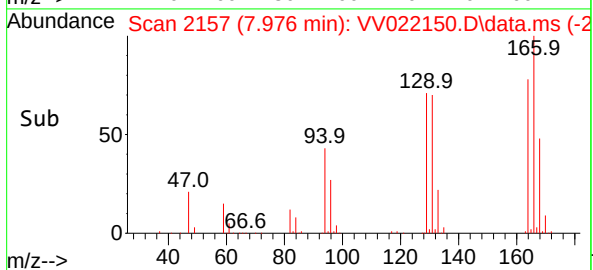
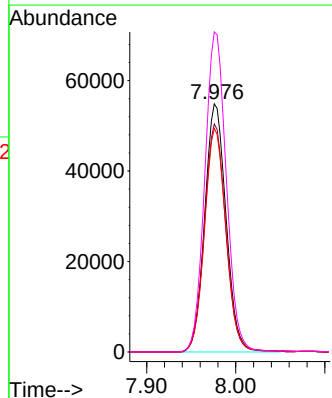
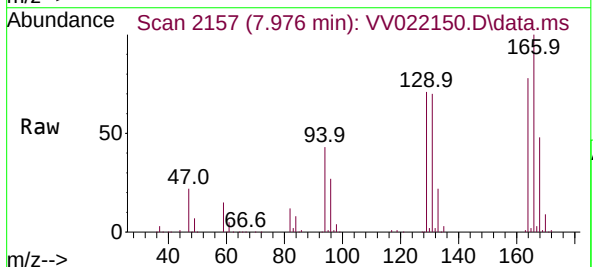
Tgt Ion:	97	Resp:	118139
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.8	81.4
83	83.2	58.8	109.2
85	54.6	38.4	71.4

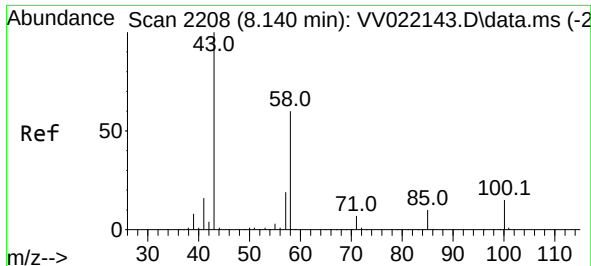


#46

Tetrachloroethene
Concen: 46.215 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Tgt Ion:	164	Resp:	91492
Ion	Ratio	Lower	Upper
164	100		
129	91.9	62.9	116.9
131	90.1	61.0	113.4
166	129.0	90.6	168.3



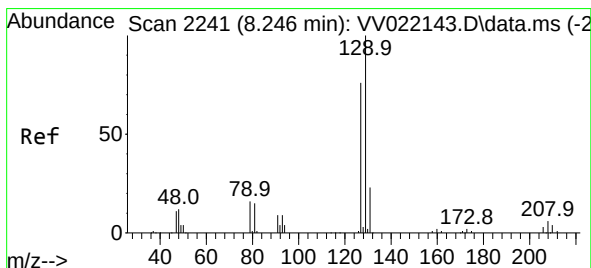
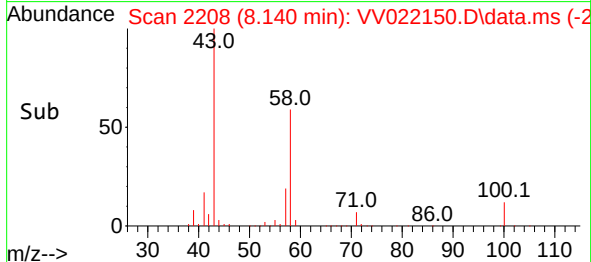
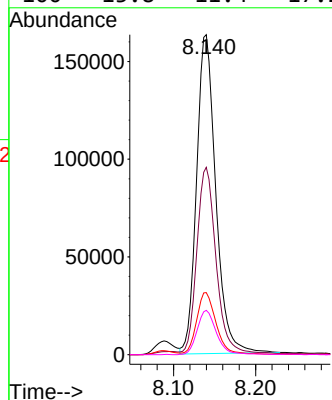
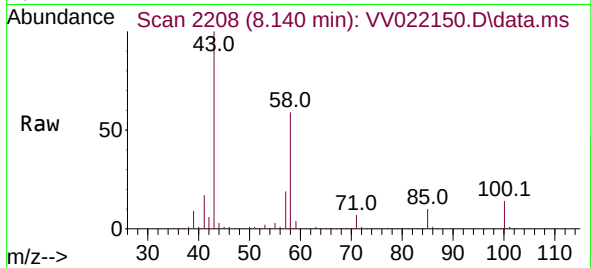


#48
2-Hexanone
Concen: 108.340 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 265521

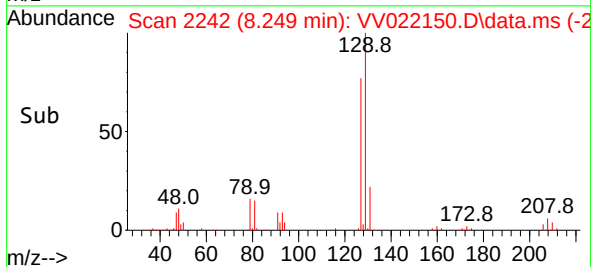
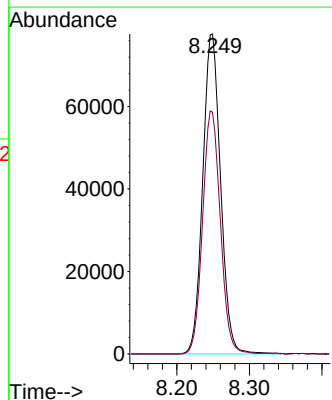
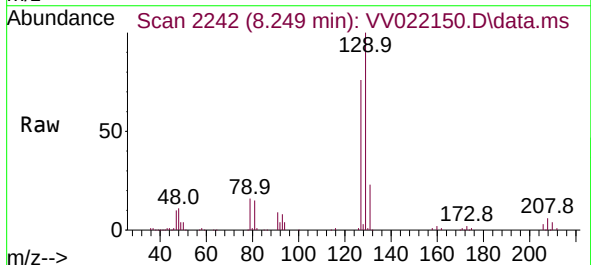
Ion	Ratio	Lower	Upper
43	100		
58	57.6	47.5	71.3
57	19.9	15.9	23.9
100	13.8	11.4	17.2

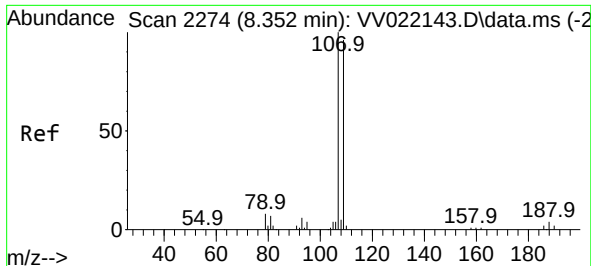


#49
Dibromochloromethane
Concen: 52.265 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Tgt Ion: 129 Resp: 132630

Ion	Ratio	Lower	Upper
129	100		
127	75.5	54.1	100.5





#50

1,2-Dibromoethane

Concen: 49.120 ug/L

RT: 8.352 min Scan# 2274

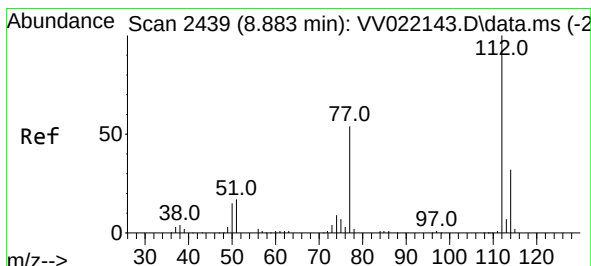
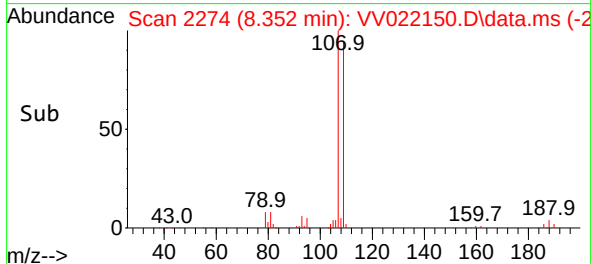
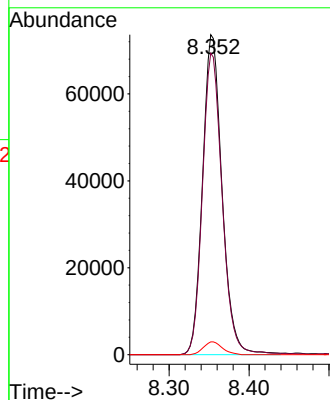
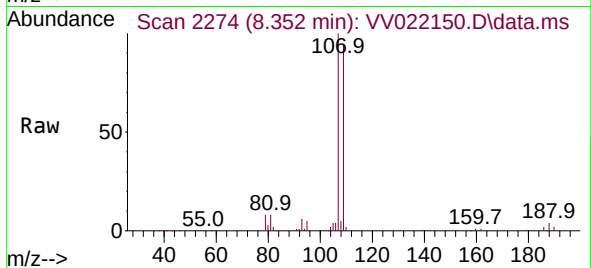
Delta R.T. 0.000 min

Lab File: VV022150.D

Acq: 16 Sep 2021 09:09

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	107	Resp:	124976
Ion	Ratio	Lower	Upper
107	100		
109	94.2	65.5	121.6
188	4.0	3.2	4.8



#51

Chlorobenzene

Concen: 47.967 ug/L

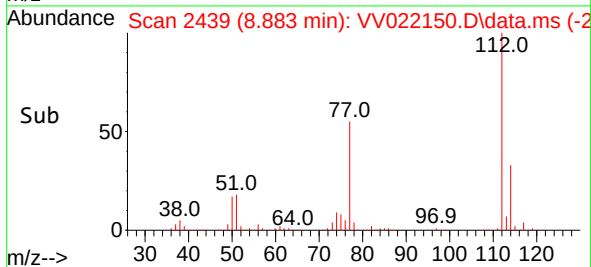
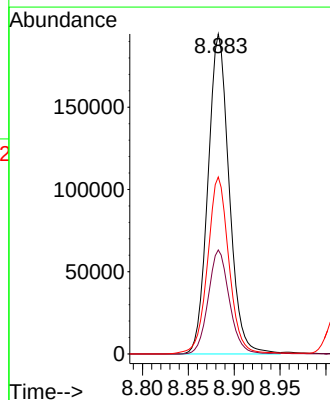
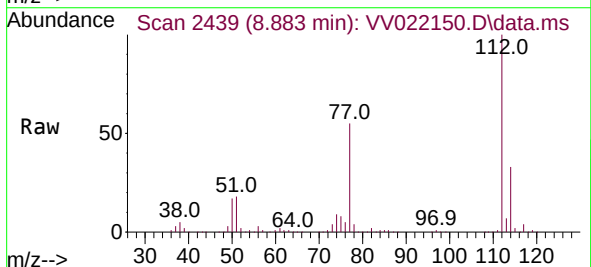
RT: 8.883 min Scan# 2439

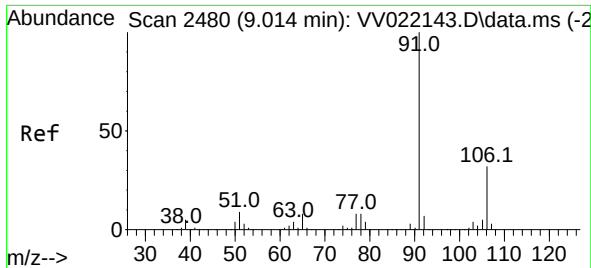
Delta R.T. 0.000 min

Lab File: VV022150.D

Acq: 16 Sep 2021 09:09

Tgt Ion:	112	Resp:	312859
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.0	41.0
77	55.3	43.2	64.8

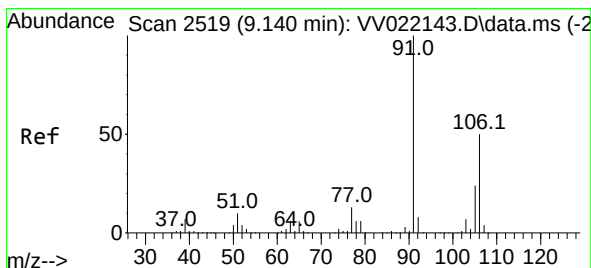
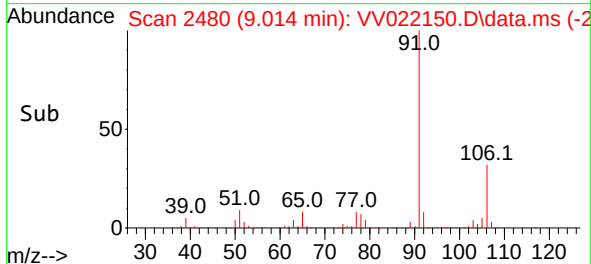
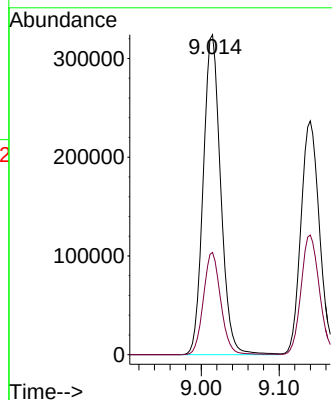
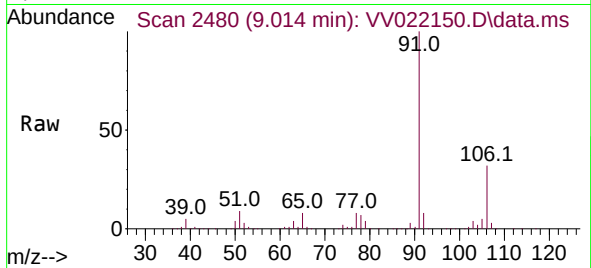




#52
Ethylbenzene
Concen: 48.082 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

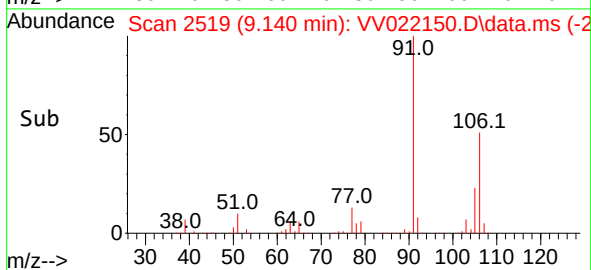
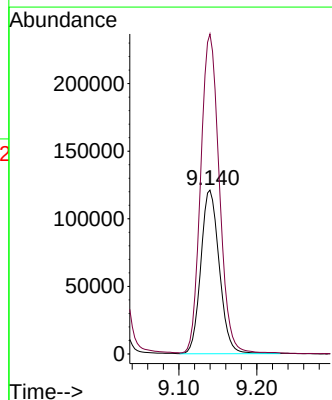
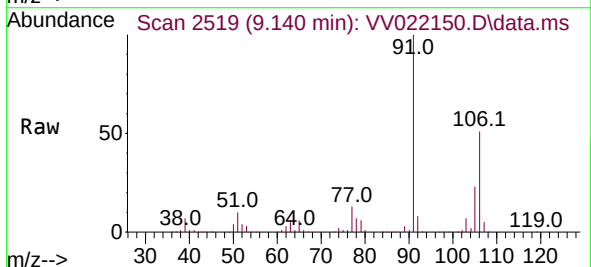
Instrument :
MSVOA_V
ClientSampled :

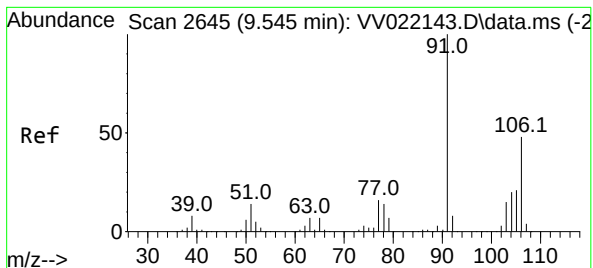
Tgt Ion: 91 Resp: 504930
Ion Ratio Lower Upper
91 100
106 31.9 21.7 40.3



#53
m,p-Xylene
Concen: 48.702 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Tgt Ion: 106 Resp: 198789
Ion Ratio Lower Upper
106 100
91 195.2 139.1 258.3





#54

o-Xylene

Concen: 48.961 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. 0.000 min

Lab File: VV022150.D

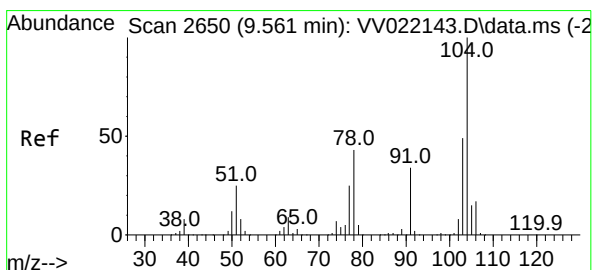
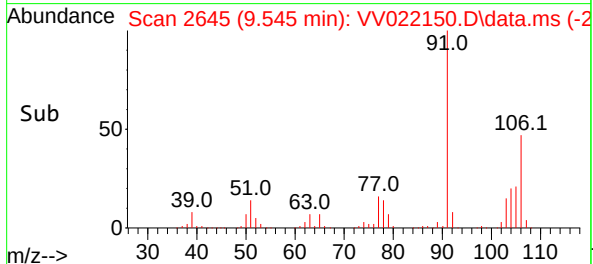
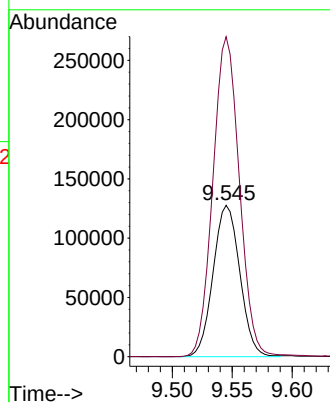
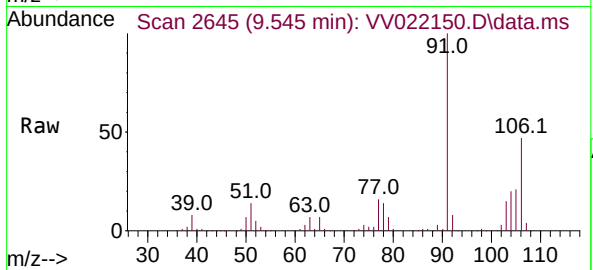
Acq: 16 Sep 2021 09:09

Tgt Ion:106 Resp: 197736

Ion Ratio Lower Upper

106 100

91 211.4 150.1 278.9



#55

Styrene

Concen: 50.156 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. 0.000 min

Lab File: VV022150.D

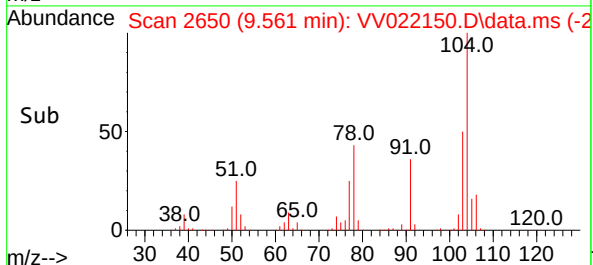
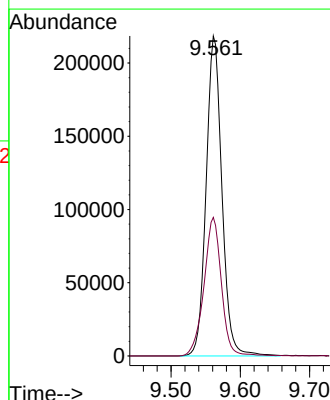
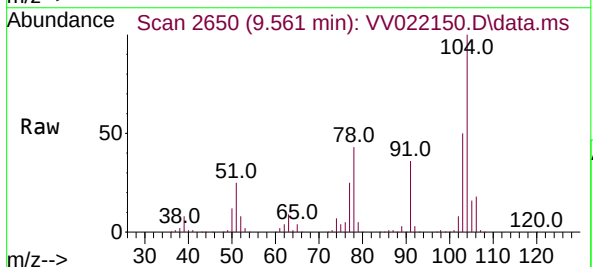
Acq: 16 Sep 2021 09:09

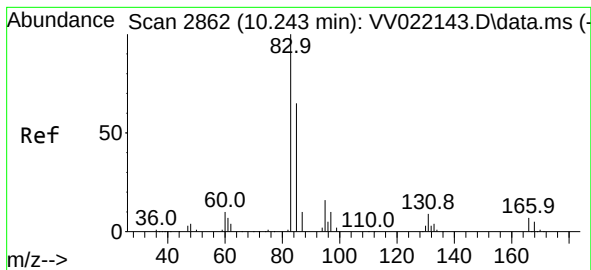
Tgt Ion:104 Resp: 345694

Ion Ratio Lower Upper

104 100

78 43.3 28.6 53.2

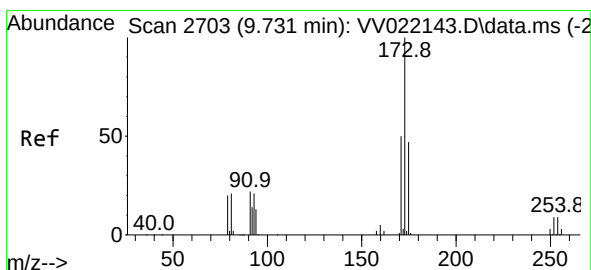
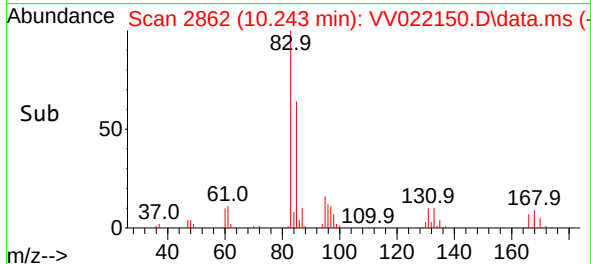
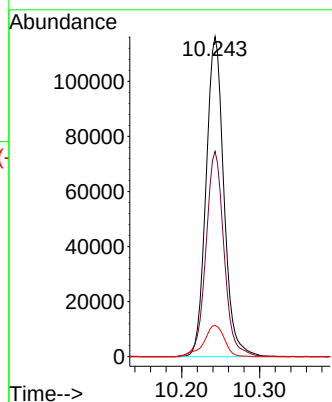
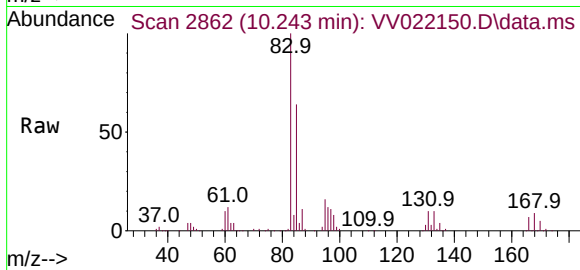




#57
1,1,2,2-Tetrachloroethane
Concen: 53.856 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

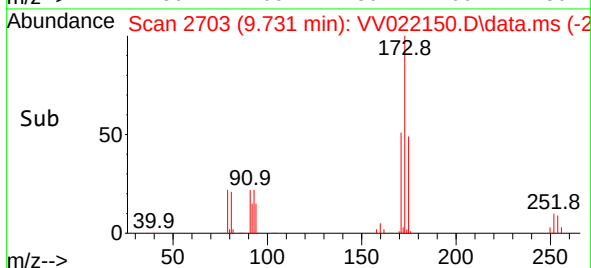
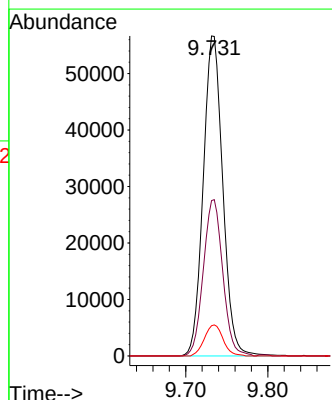
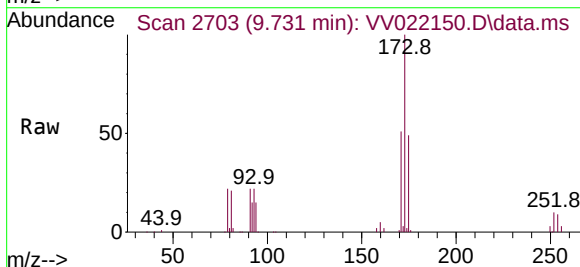
Instrument :
MSVOA_V
ClientSampleId :

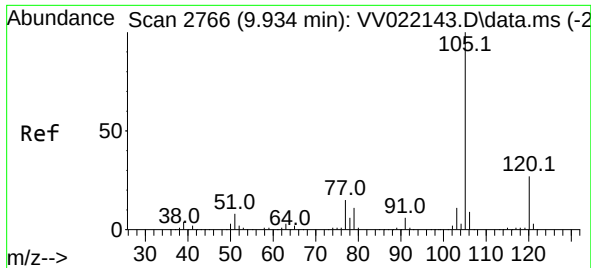
Tgt Ion: 83 Resp: 184989
Ion Ratio Lower Upper
83 100
85 64.2 44.7 83.1
131 9.8 8.2 12.2



#59
Bromoform
Concen: 52.918 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Tgt Ion: 173 Resp: 94011
Ion Ratio Lower Upper
173 100
175 48.5 38.8 58.2
254 9.3 7.0 10.4

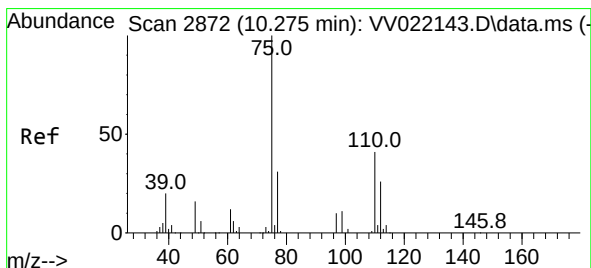
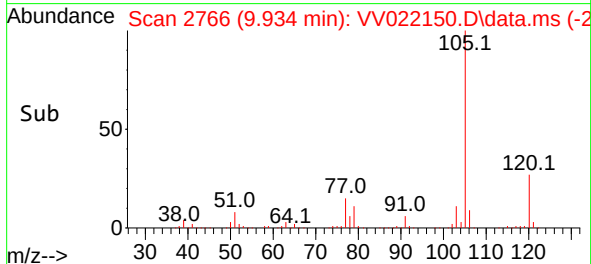
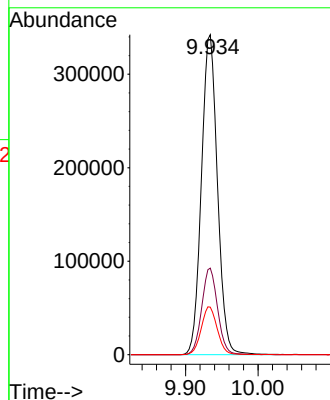
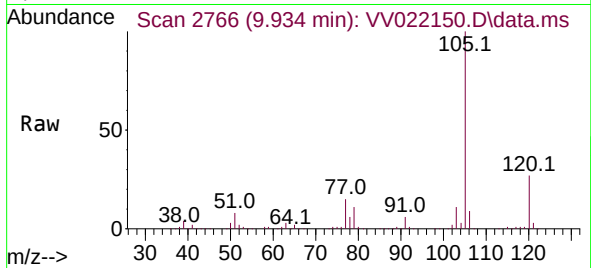




#60
Isopropylbenzene
Concen: 50.006 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

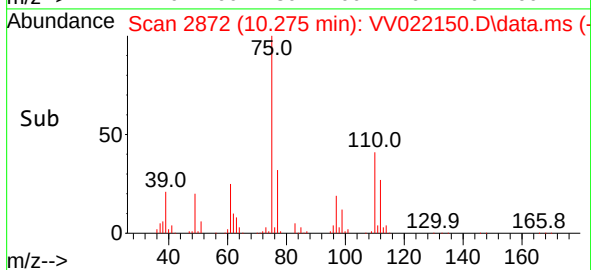
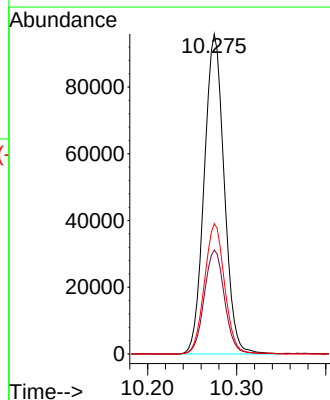
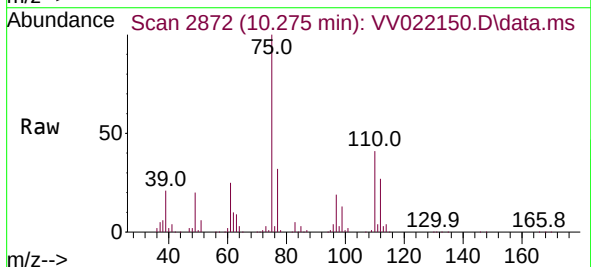
Instrument :
MSVOA_V
ClientSampled :

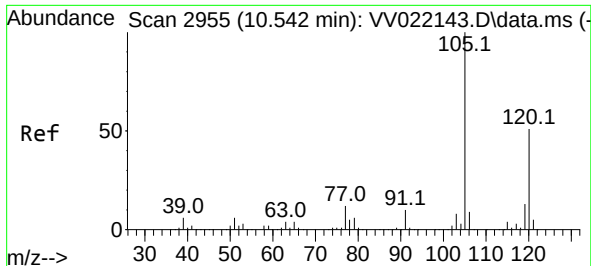
Tgt Ion:105 Resp: 525574
Ion Ratio Lower Upper
105 100
120 26.8 21.5 32.3
77 15.0 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 51.492 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Tgt Ion: 75 Resp: 149273
Ion Ratio Lower Upper
75 100
77 33.1 26.2 39.2
110 41.0 33.8 50.6

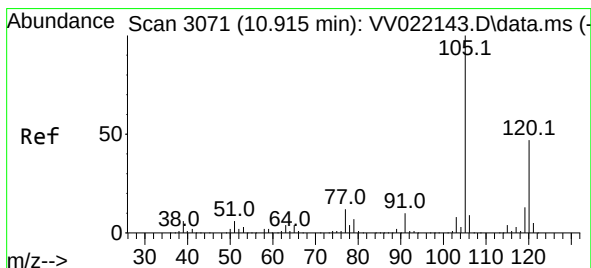
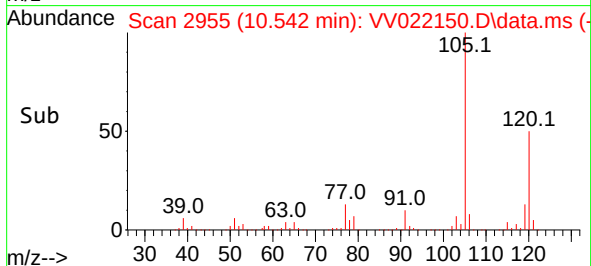
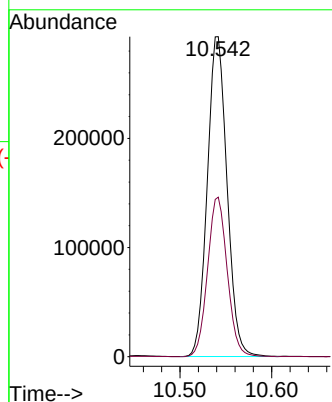
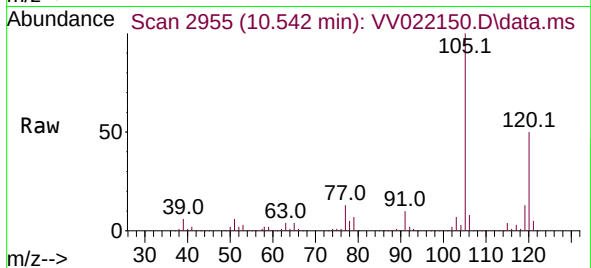




#62
1,3,5-Trimethylbenzene
Concen: 49.669 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

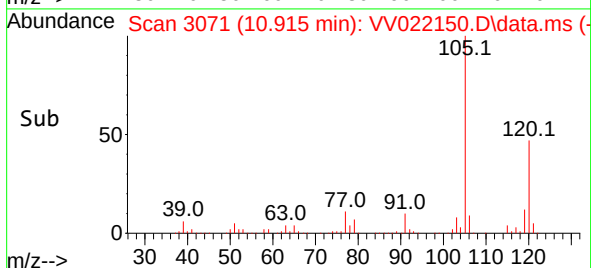
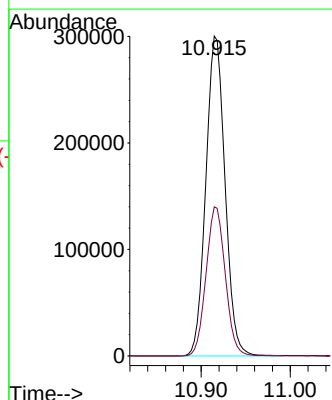
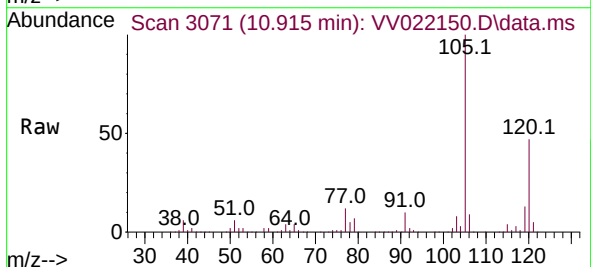
Instrument :
MSVOA_V
ClientSampled :

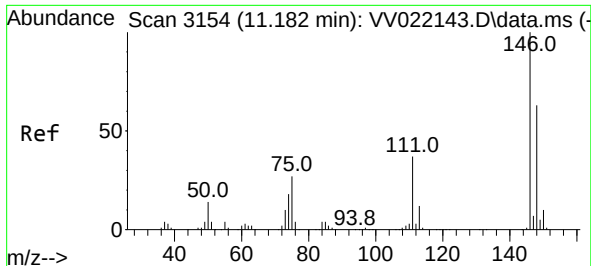
Tgt Ion:105 Resp: 438259
Ion Ratio Lower Upper
105 100
120 49.7 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 50.039 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Tgt Ion:105 Resp: 448778
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.0

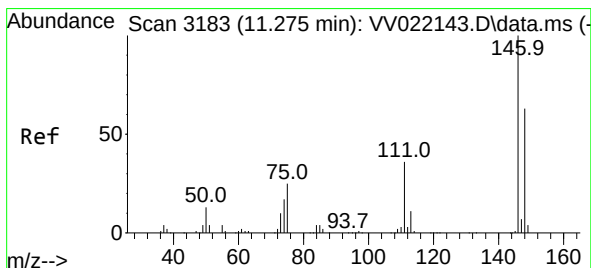
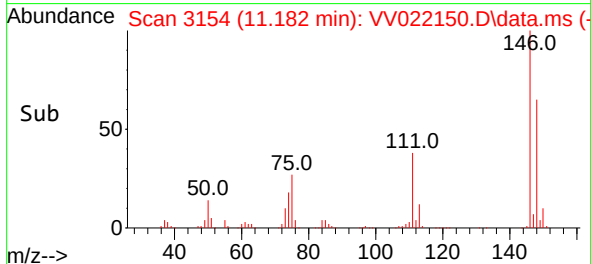
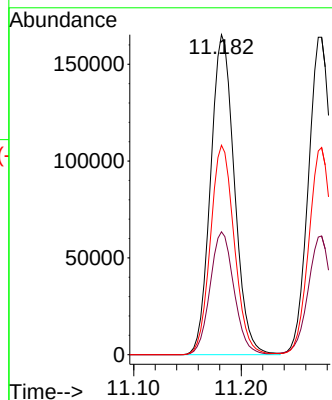
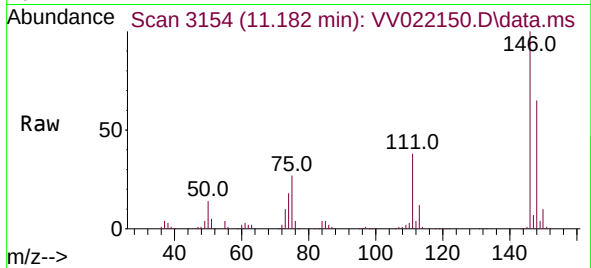




#64
1,3-Dichlorobenzene
Concen: 47.714 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

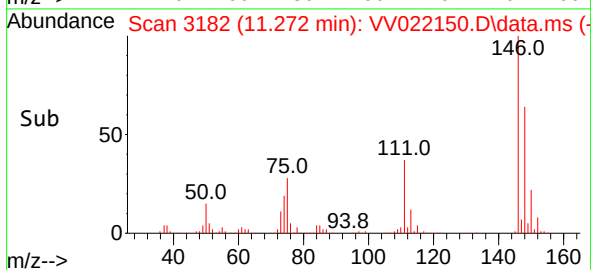
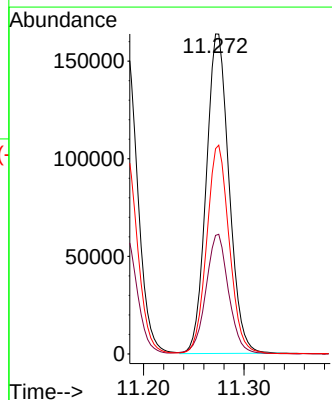
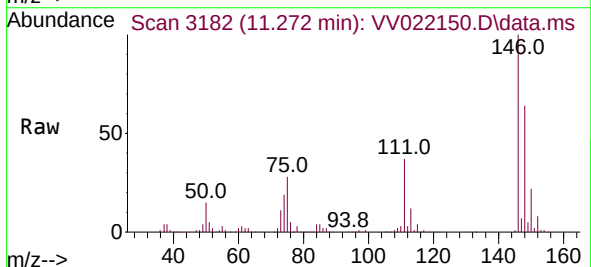
Instrument :
MSVOA_V
ClientSampled :

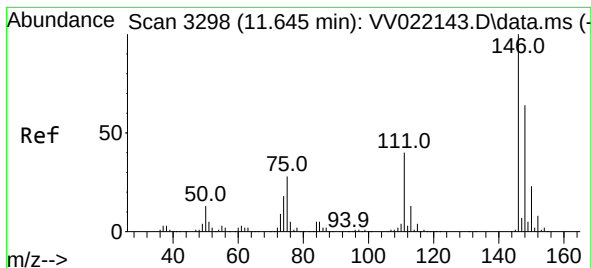
Tgt Ion:146 Resp: 254617
Ion Ratio Lower Upper
146 100
111 38.4 26.9 50.1
148 65.5 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 47.284 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Tgt Ion:146 Resp: 258198
Ion Ratio Lower Upper
146 100
111 37.1 25.3 46.9
148 64.1 44.4 82.5

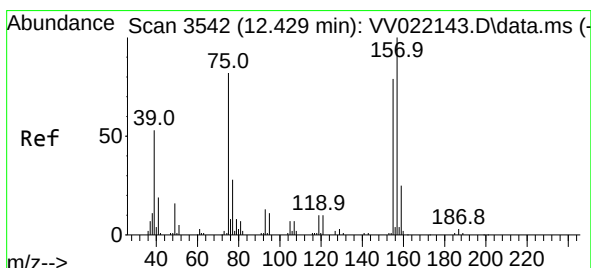
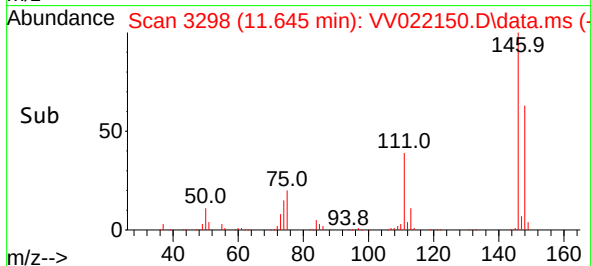
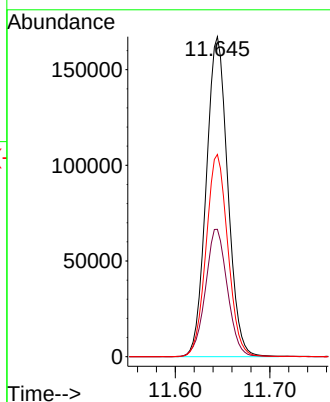
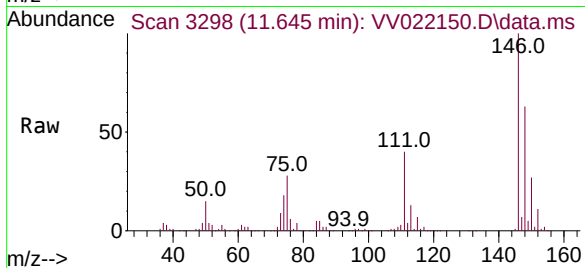




#67
1,2-Dichlorobenzene
Concen: 49.890 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

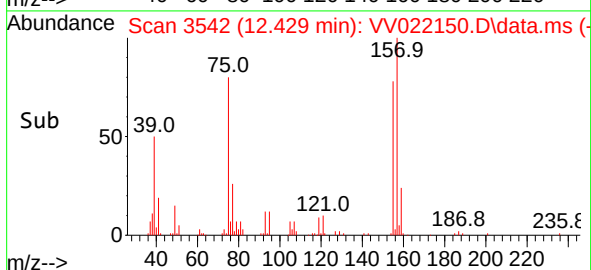
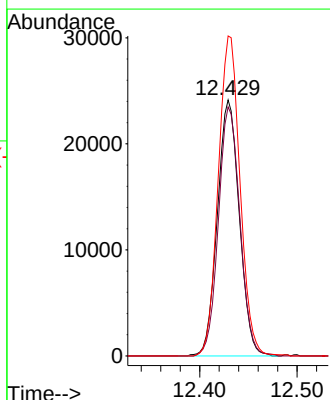
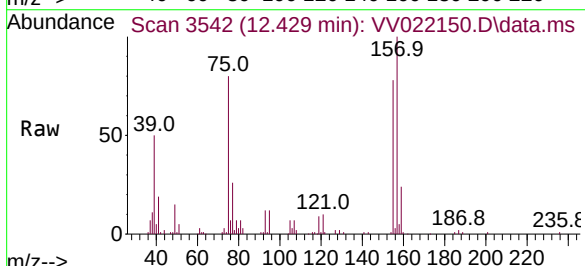
Instrument :
MSVOA_V
ClientSampleId :

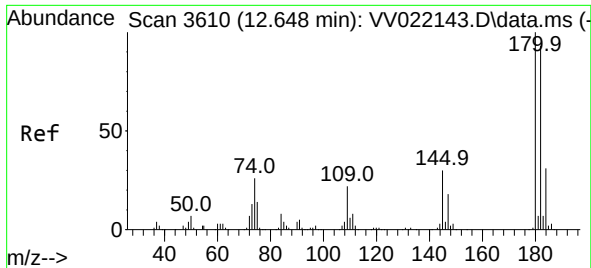
Tgt Ion:146 Resp: 264351
Ion Ratio Lower Upper
146 100
111 39.8 31.6 47.4
148 63.2 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 53.973 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Tgt Ion: 75 Resp: 37709
Ion Ratio Lower Upper
75 100
155 97.3 79.8 119.6
157 125.0 98.3 147.5

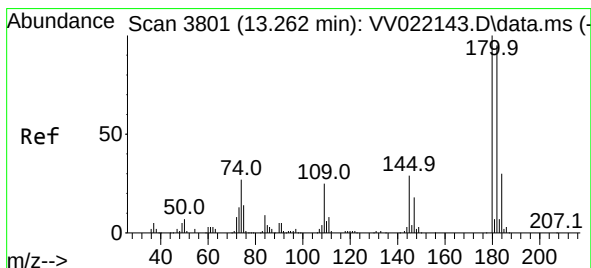
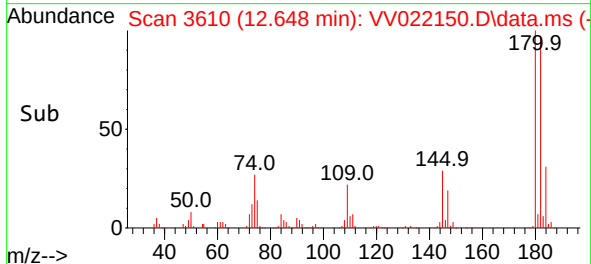
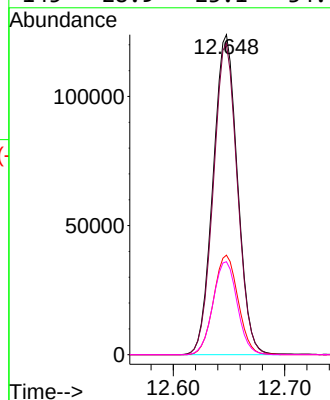
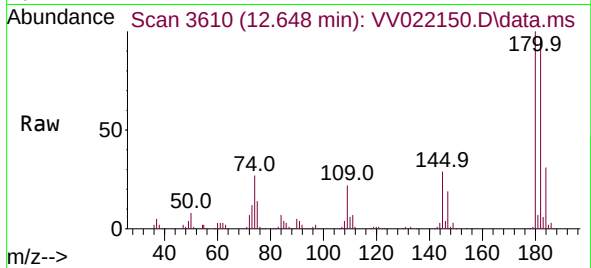




#69
1,3,5-Trichlorobenzene
Concen: 47.213 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

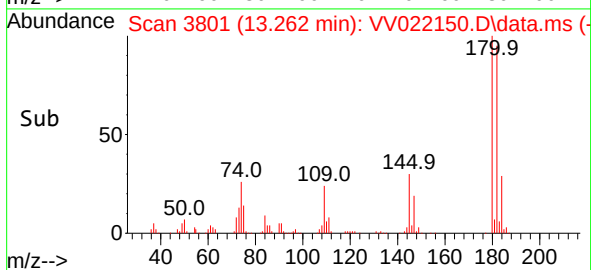
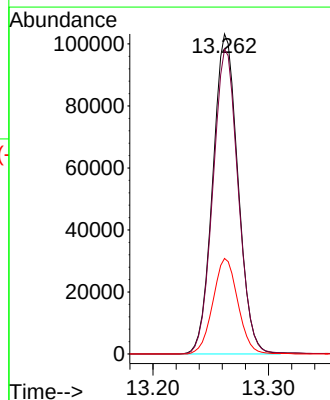
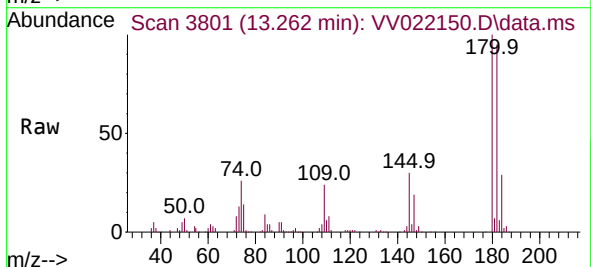
Instrument :
MSVOA_V
ClientSampleId :

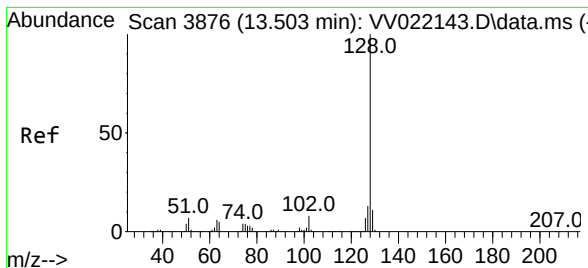
Tgt Ion:	180	Resp:	188391
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.4	114.6
184	31.3	24.0	36.0
145	28.9	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 44.470 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Tgt Ion:	180	Resp:	156096
Ion Ratio	Lower	Upper	
180	100		
182	95.6	75.9	113.9
145	29.5	23.8	35.6

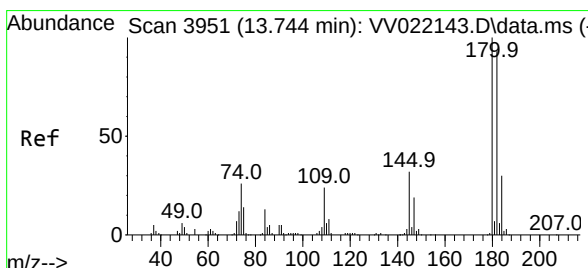
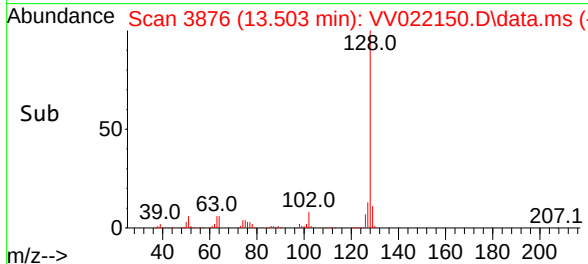
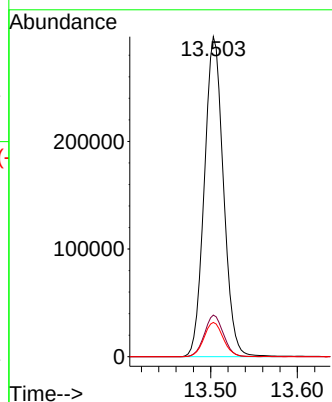
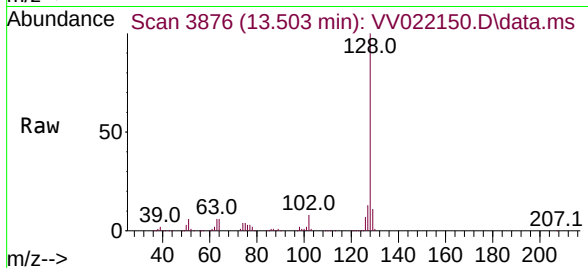




#71
Naphthalene
Concen: 45.020 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 454574
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 47.895 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022150.D
Acq: 16 Sep 2021 09:09

Tgt Ion:180 Resp: 163979
Ion Ratio Lower Upper
180 100
182 92.4 76.3 114.5
145 30.7 25.4 38.0

