

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120221\
 Data File : VW023764.D
 Acq On : 01 Dec 2021 20:36
 Operator : SY/MD
 Sample : VSTD05004
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 02 00:50:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM120221SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 02 00:47:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	296863	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	290323	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	165235	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	163357	40.122	ug/L	0.00
7) Chloroethane-d5	1.564	69	136266	39.673	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	334623	46.471	ug/L	0.00
21) 2-Butanone-d5	3.895	46	83179	59.853	ug/L	0.00
24) Chloroform-d	4.346	84	364772	46.426	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	198444	44.815	ug/L	0.00
32) Benzene-d6	5.047	84	697856	44.836	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	199920	41.439	ug/L	0.00
41) Toluene-d8	7.313	98	669691	47.019	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	95338	46.501	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	79076	79.756	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	175202	39.425	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	274777	44.562	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	255068	74.079	ug/L	97
3) Chloromethane	1.240	50	229696	56.054	ug/L	99
5) Vinyl chloride	1.307	62	229880	54.902	ug/L	99
6) Bromomethane	1.519	94	155865	56.890	ug/L	98
8) Chloroethane	1.584	64	137456	51.327	ug/L	100
9) Trichlorofluoromethane	1.751	101	366888	62.055	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	190893	52.412	ug/L	99
12) 1,1-Dichloroethene	2.114	96	178667	52.268	ug/L	97
14) Carbon disulfide	2.291	76	656380	60.583	ug/L	99
15) Methyl Acetate	2.433	43	82113	35.523	ug/L	91
16) Methylene chloride	2.503	84	226636	46.291	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	221144	54.658	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	509139	51.114	ug/L	99
19) 1,1-Dichloroethane	3.185	63	365426	50.233	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	233129	52.390	ug/L	100
22) 2-Butanone	3.986	43	100667	62.461	ug/L	87
23) Bromochloromethane	4.243	128	114754	52.164	ug/L	96
25) Chloroform	4.371	83	400239	52.186	ug/L	98
27) 1,2-Dichloroethane	5.127	62	265555	50.657	ug/L	99
29) Cyclohexane	4.677	56	322918	51.278	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	361692	59.074	ug/L	99
31) Carbon tetrachloride	4.825	117	330052	59.530	ug/L	98
33) Benzene	5.098	78	846399	51.213	ug/L	100
34) Trichloroethene	5.911	95	230259	51.219	ug/L	98
35) Methylcyclohexane	6.130	83	379664	53.821	ug/L	100
37) 1,2-Dichloropropane	6.172	63	201782	48.314	ug/L	100
38) Bromodichloromethane	6.506	83	290939	52.396	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	331515	52.690	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	253158	78.721	ug/L	98
42) Toluene	7.387	91	954018	53.912	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	304933	57.359	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	168461	47.430	ug/L	98

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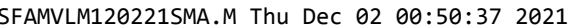
Instrument :
 MSVOA_V
 ClientSampleId :

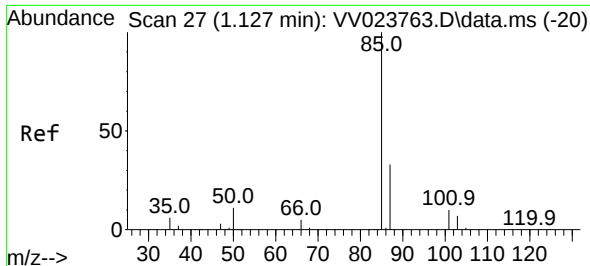
Quant Time: Dec 02 00:50:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM120221SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 02 00:47:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	7.976	164	203737	54.361	ug/L	97
48) 2-Hexanone	8.140	43	184902	79.751	ug/L	99
49) Dibromochloromethane	8.246	129	225943	54.653	ug/L	99
50) 1,2-Dibromoethane	8.352	107	170298	48.785	ug/L	97
51) Chlorobenzene	8.879	112	628397	52.358	ug/L	100
52) Ethylbenzene	9.011	91	1036591	53.572	ug/L	99
53) m,p-Xylene	9.136	106	410971	55.387	ug/L	99
54) o-Xylene	9.542	106	395787	55.617	ug/L	99
55) Styrene	9.558	104	697863	56.080	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	191912	45.034	ug/L	98
59) Bromoform	9.731	173	139477	50.058	ug/L #	100
60) Isopropylbenzene	9.931	105	1058351	53.679	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	146227	40.814	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	945165	58.805	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	944021	58.593	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	541327	52.173	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	542392	49.707	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	494746	50.135	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	35820	45.130	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	427530	51.264	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	353923	49.937	ug/L	99
71) Naphthalene	13.500	128	669920	49.427	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	319977	47.195	ug/L	100

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

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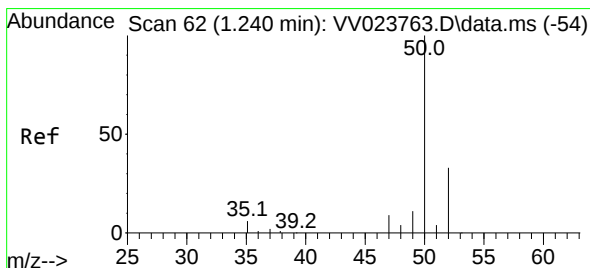
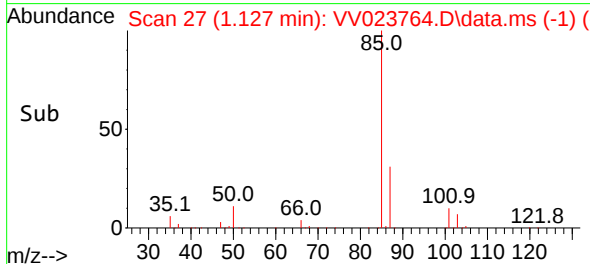
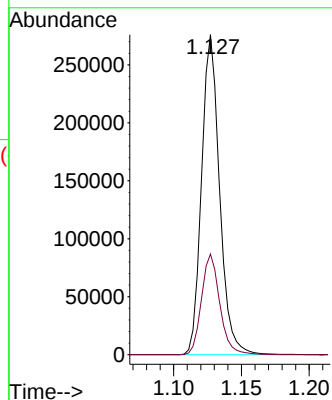
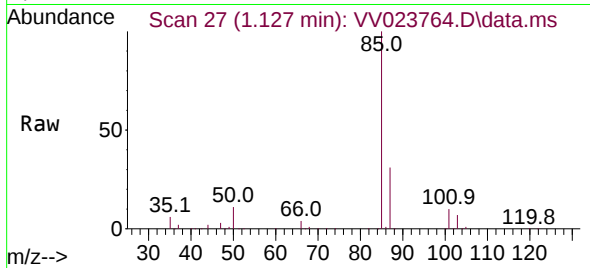




#2
 Dichlorodifluoromethane
 Concen: 74.079 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023764.D
 Acq: 01 Dec 2021 20:36

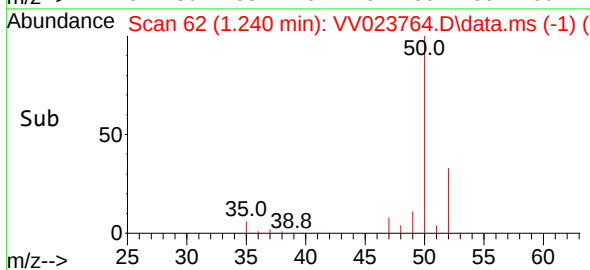
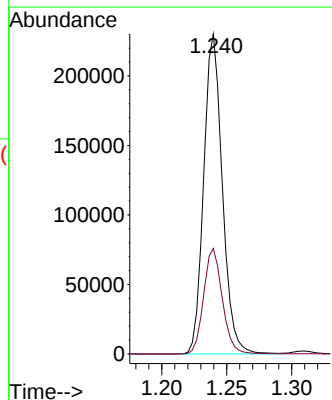
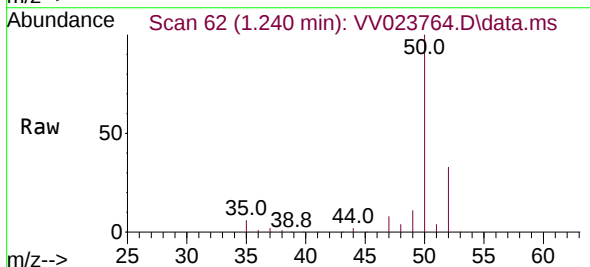
Instrument :
 MSVOA_V
 ClientSampleId :

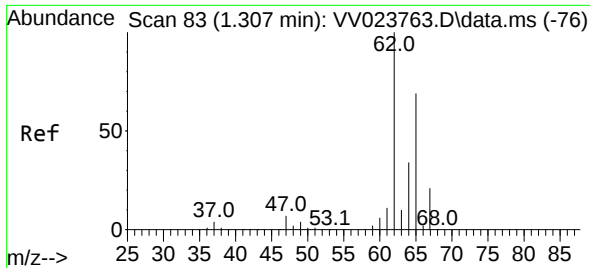
Tgt Ion: 85 Resp: 255068
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.6 40.0



#3
 Chloromethane
 Concen: 56.054 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023764.D
 Acq: 01 Dec 2021 20:36

Tgt Ion: 50 Resp: 229696
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.3 43.3

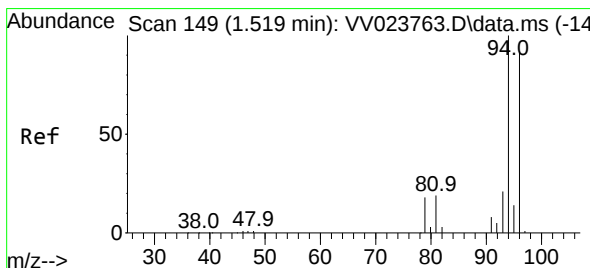
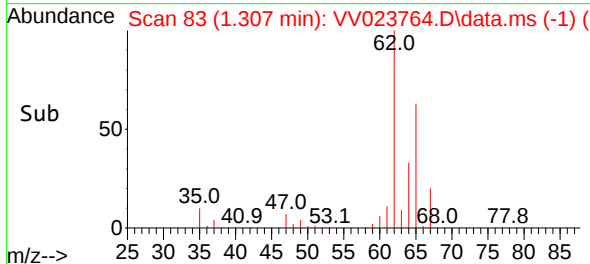
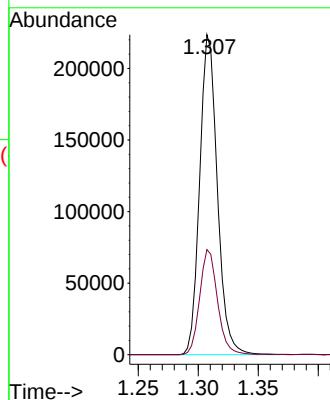
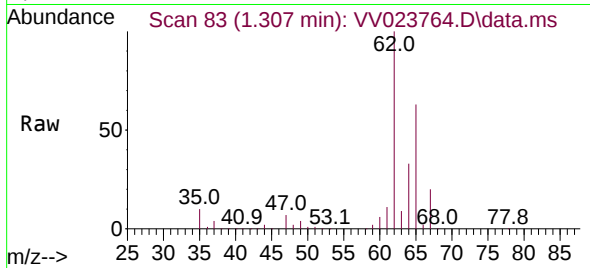




#5
 Vinyl chloride
 Concen: 54.902 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV023764.D
 Acq: 01 Dec 2021 20:36

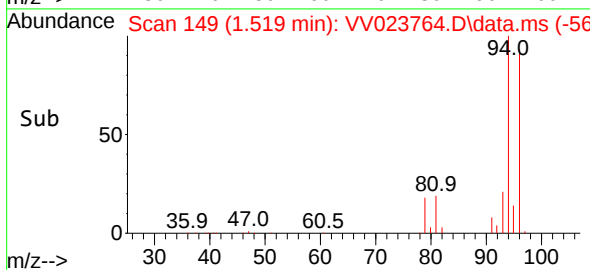
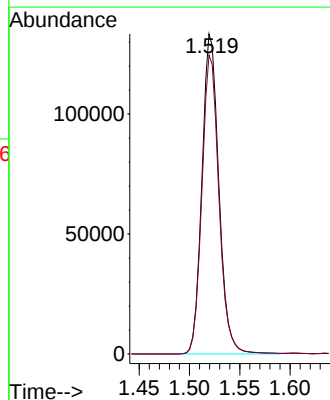
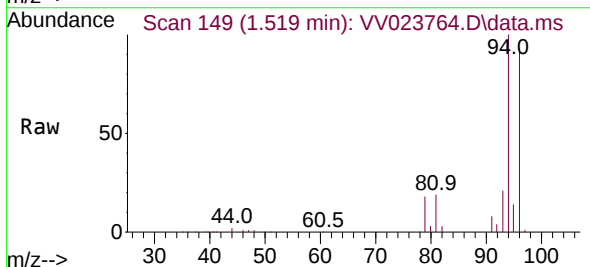
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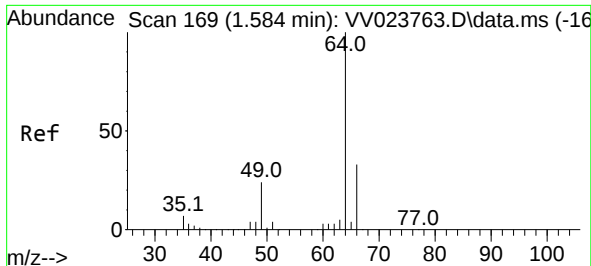
Tgt Ion: 62 Resp: 229880
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.5 43.7



#6
 Bromomethane
 Concen: 56.890 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV023764.D
 Acq: 01 Dec 2021 20:36

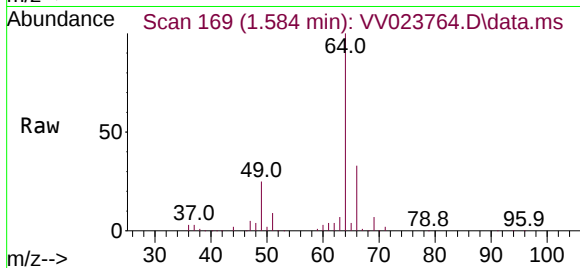
Tgt Ion: 94 Resp: 155865
 Ion Ratio Lower Upper
 94 100
 96 93.4 64.1 119.1



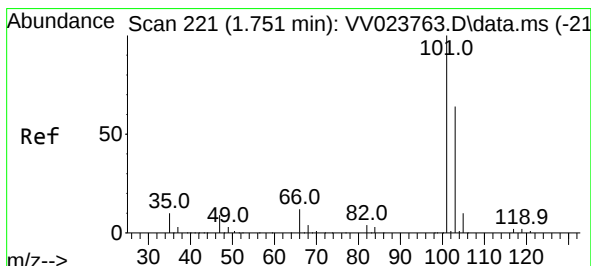
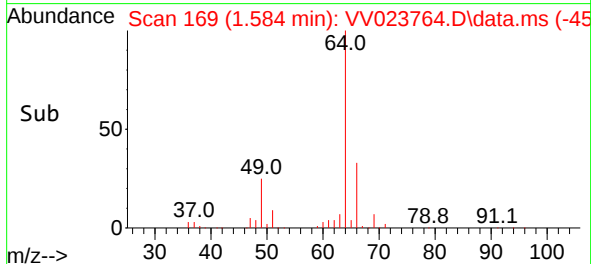
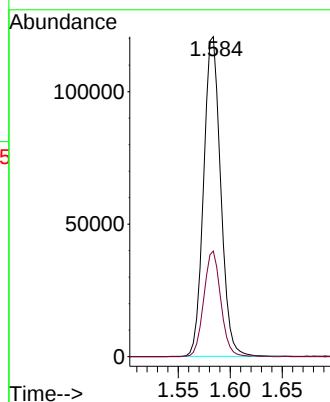


#8
Chloroethane
Concen: 51.327 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

Instrument :
MSVOA_V
ClientSampleId :

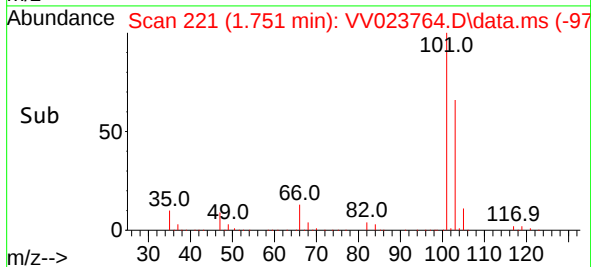
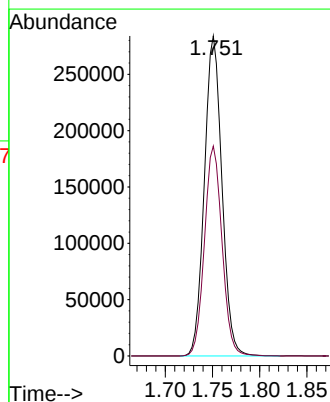
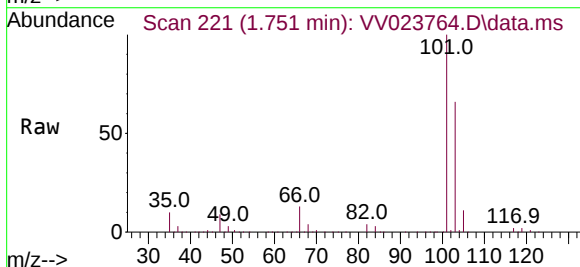


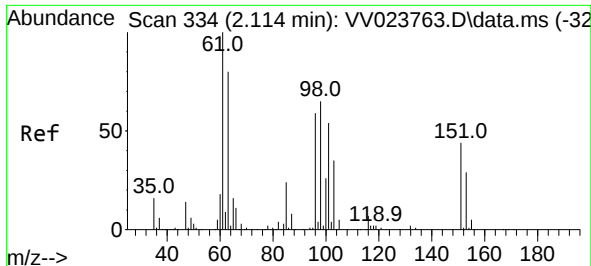
Tgt Ion: 64 Resp: 137456
Ion Ratio Lower Upper
64 100
66 33.0 23.0 42.6



#9
Trichlorofluoromethane
Concen: 62.055 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

Tgt Ion:101 Resp: 366888
Ion Ratio Lower Upper
101 100
103 65.5 51.3 76.9





#10

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

Concen: 52.412 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV023764.D

Acq: 01 Dec 2021 20:36

Instrument :

MSVOA_V

ClientSampleId :

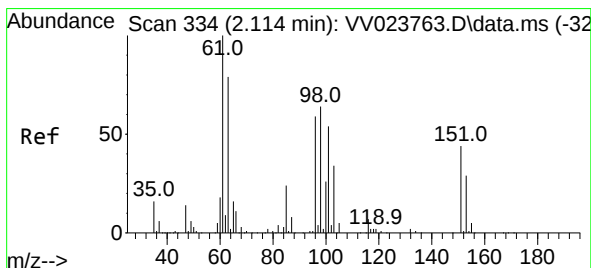
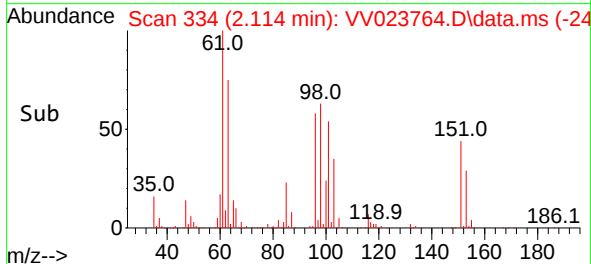
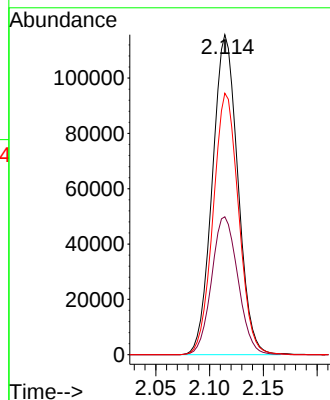
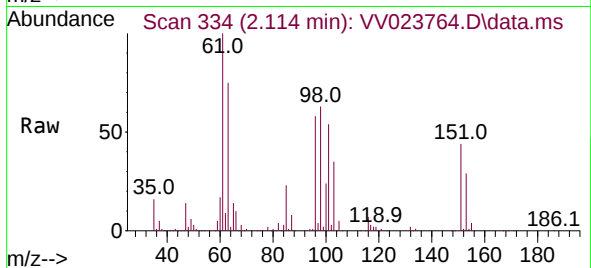
Tgt Ion:101 Resp: 190893

Ion Ratio Lower Upper

101 100

85 44.5 35.1 52.7

151 81.6 65.6 98.4



#12

1,1-Dichloroethene

Concen: 52.268 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV023764.D

Acq: 01 Dec 2021 20:36

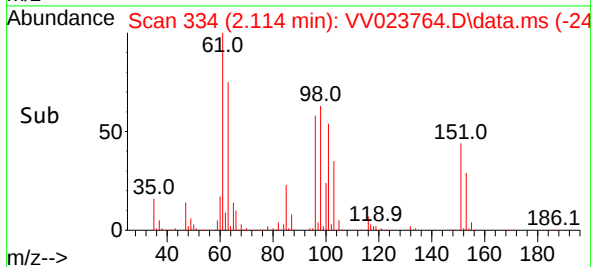
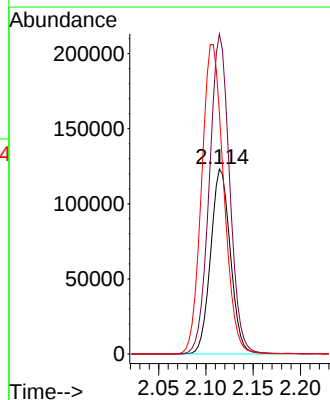
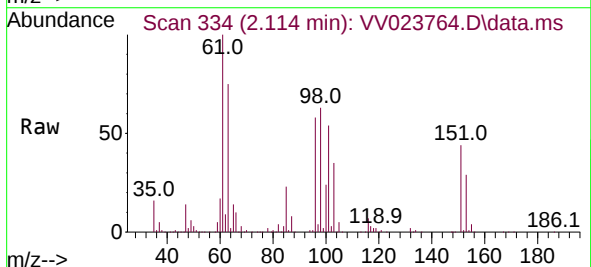
Tgt Ion: 96 Resp: 178667

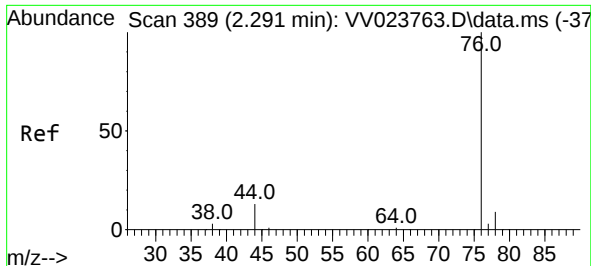
Ion Ratio Lower Upper

96 100

61 172.9 119.4 221.8

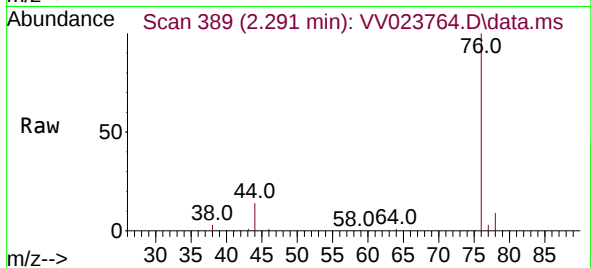
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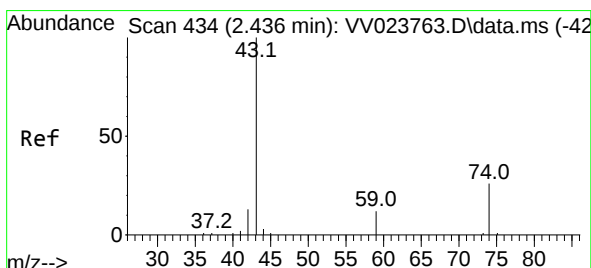
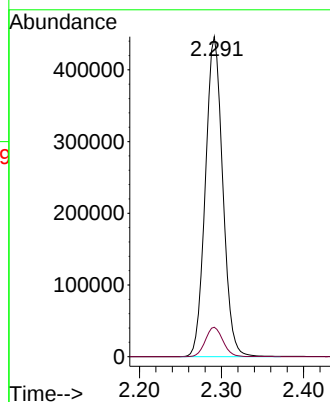
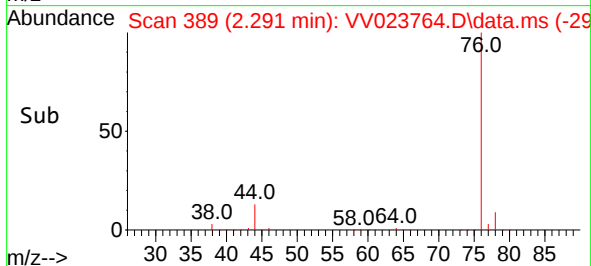


#14
Carbon disulfide
Concen: 60.583 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

Instrument :
MSVOA_V
ClientSampleId :

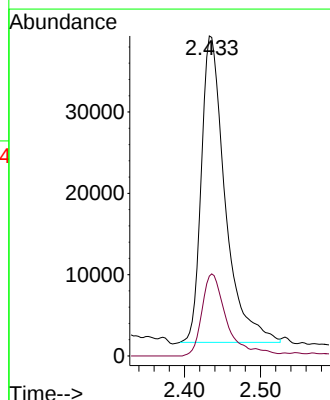
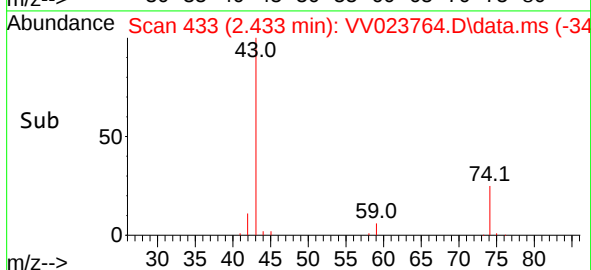
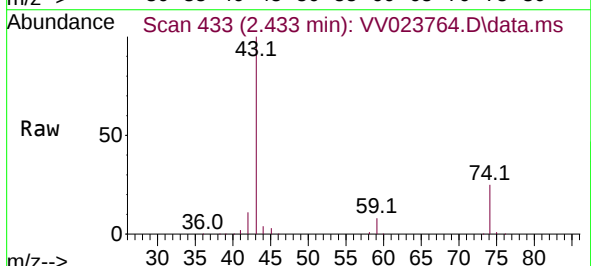


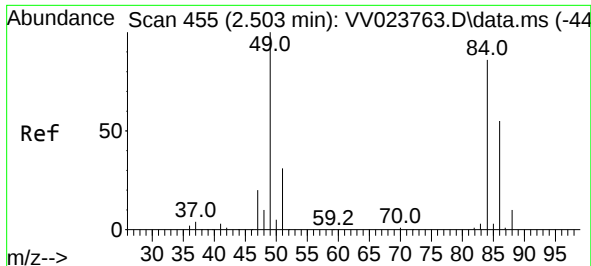
Tgt Ion: 76 Resp: 656380
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#15
Methyl Acetate
Concen: 35.523 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.003 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

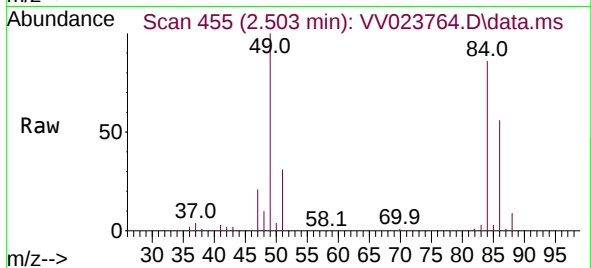
Tgt Ion: 43 Resp: 82113
Ion Ratio Lower Upper
43 100
74 26.3 17.6 26.4



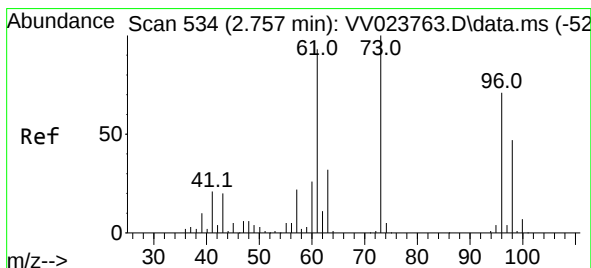
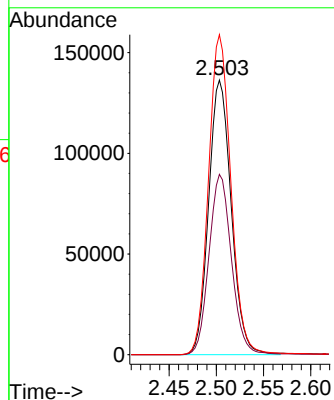
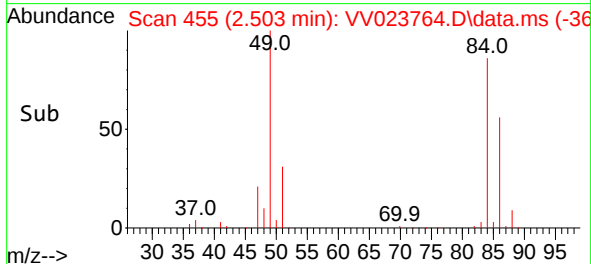


#16
Methylene chloride
Concen: 46.291 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

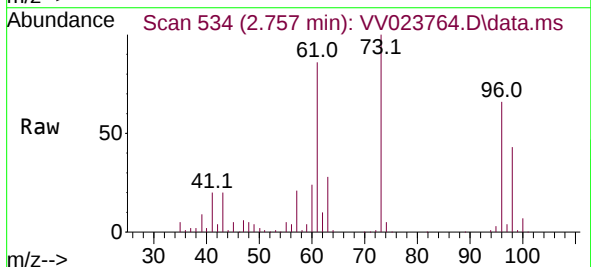
Instrument :
MSVOA_V
ClientSampleId :



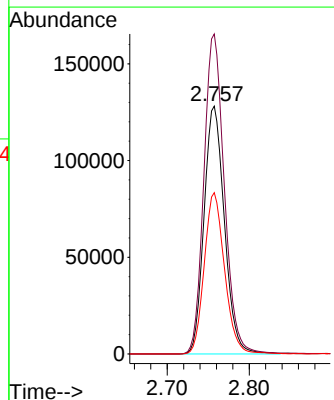
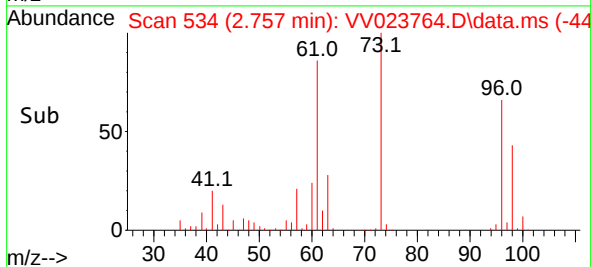
Tgt Ion: 84 Resp: 226636
Ion Ratio Lower Upper
84 100
86 65.6 45.3 84.1
49 116.5 81.8 152.0

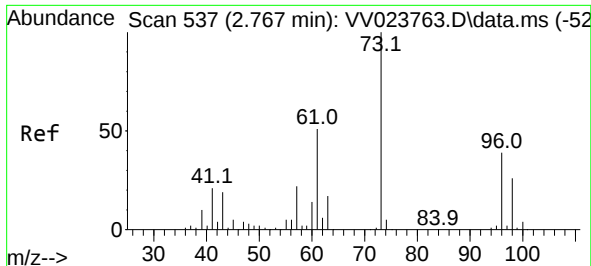


#17
trans-1,2-Dichloroethene
Concen: 54.658 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36



Tgt Ion: 96 Resp: 221144
Ion Ratio Lower Upper
96 100
61 129.1 91.0 169.0
98 65.0 45.9 85.3

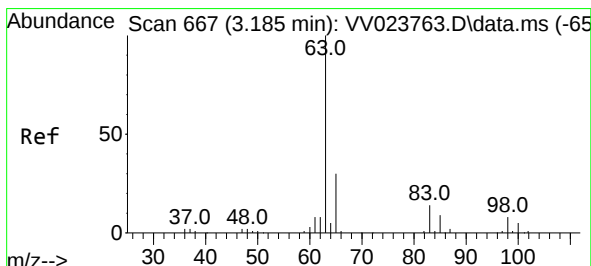
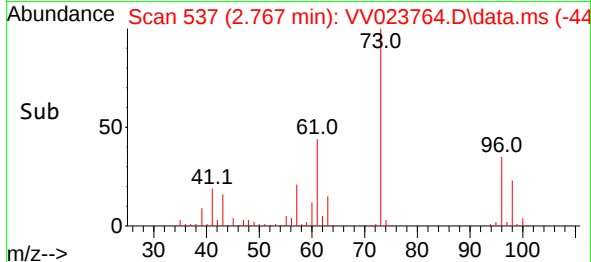
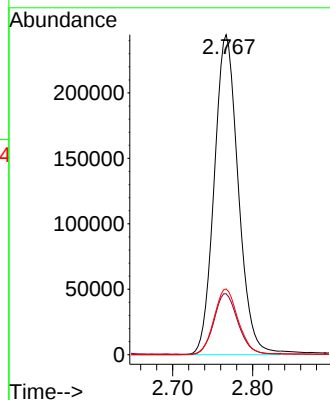
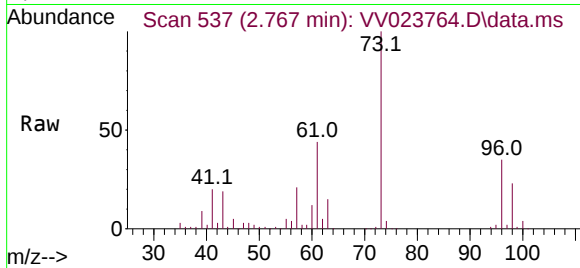




#18
Methyl tert-butyl Ether
Concen: 51.114 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

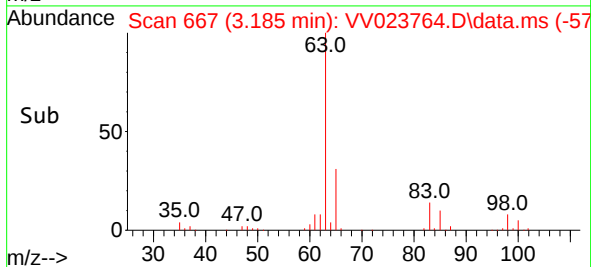
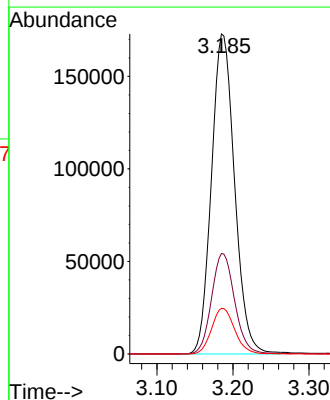
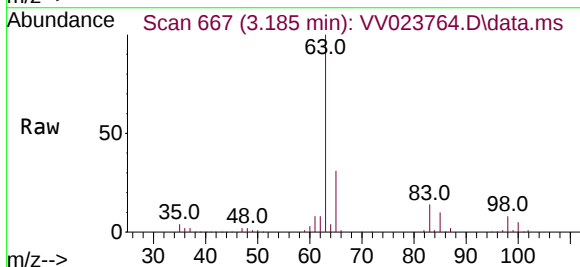
Instrument :
MSVOA_V
ClientSampleId :

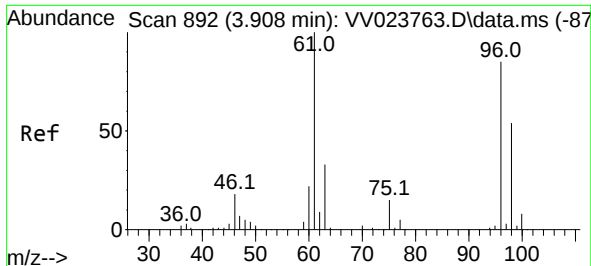
Tgt Ion: 73 Resp: 509139
Ion Ratio Lower Upper
73 100
43 19.0 15.0 22.4
57 20.9 17.0 25.4



#19
1,1-Dichloroethane
Concen: 50.233 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

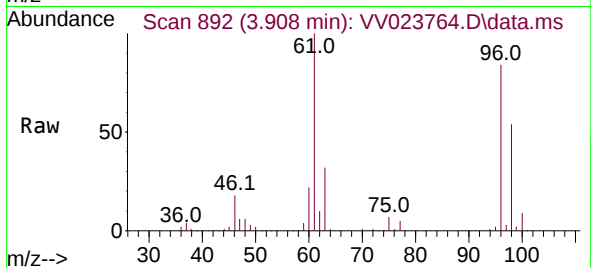
Tgt Ion: 63 Resp: 365426
Ion Ratio Lower Upper
63 100
65 31.4 21.3 39.5
83 14.3 10.1 18.7





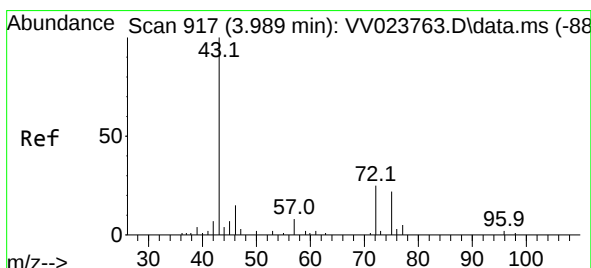
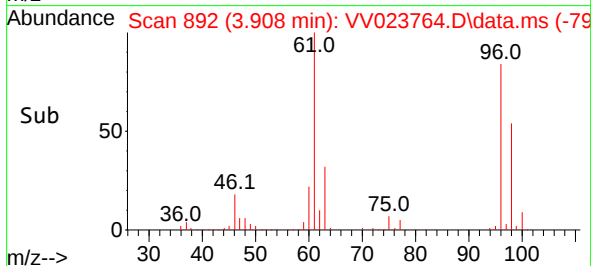
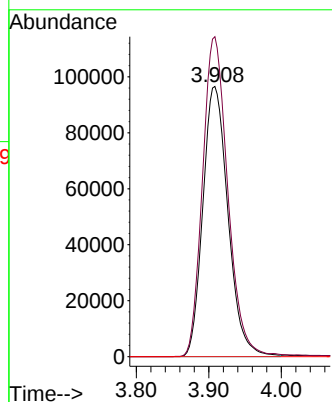
#20
 cis-1,2-Dichloroethene
 Concen: 52.390 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: VV023764.D
 Acq: 01 Dec 2021 20:36

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 233129

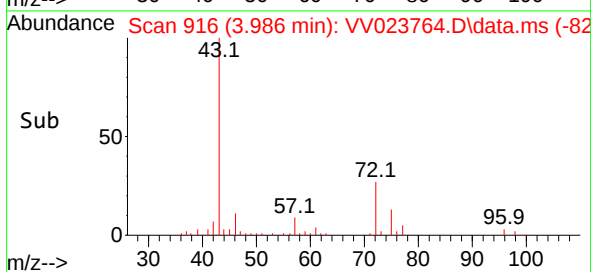
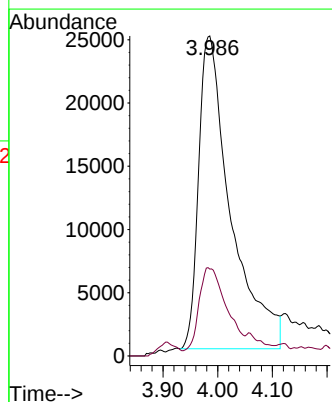
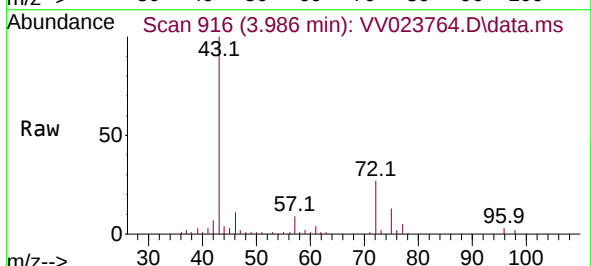
Ion	Ratio	Lower	Upper
96	100		
61	118.4	82.5	153.3
68	0.0	0.0	0.0

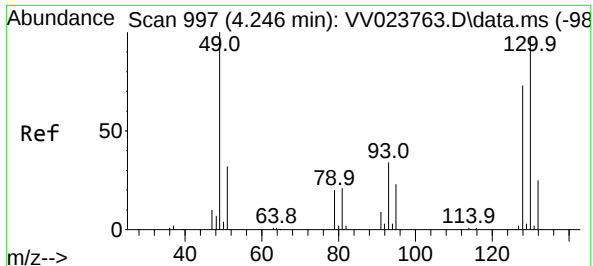


#22
 2-Butanone
 Concen: 62.461 ug/L
 RT: 3.986 min Scan# 916
 Delta R.T. -0.003 min
 Lab File: VV023764.D
 Acq: 01 Dec 2021 20:36

Tgt Ion: 43 Resp: 100667

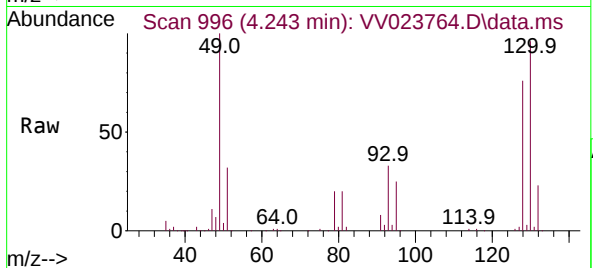
Ion	Ratio	Lower	Upper
43	100		
72	22.5	8.3	25.1



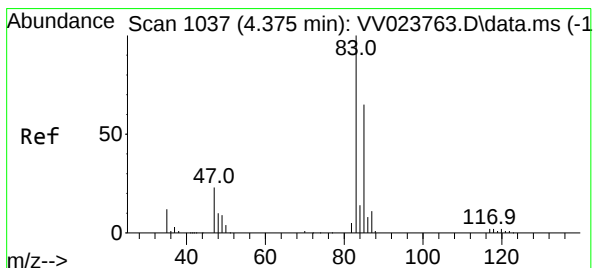
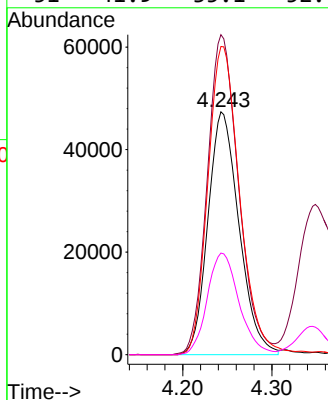
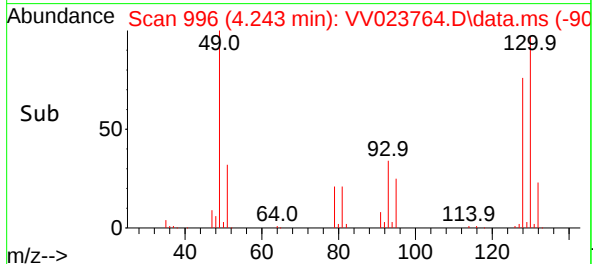


#23
Bromochloromethane
Concen: 52.164 ug/L
RT: 4.243 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

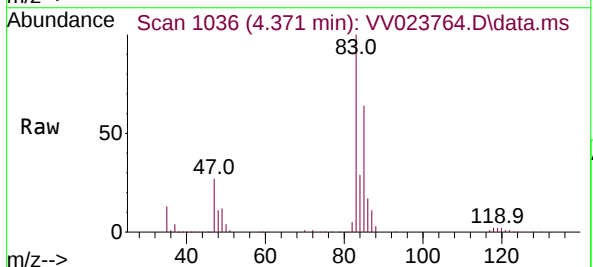
Instrument :
MSVOA_V
ClientSampleId :



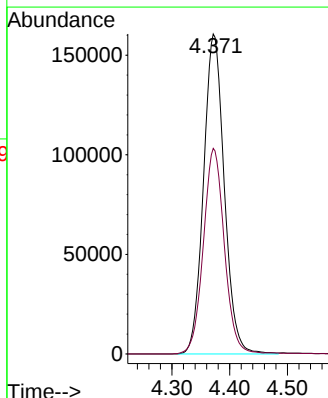
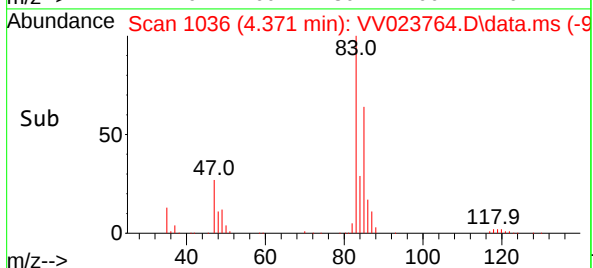
Tgt Ion:128 Resp: 114754
Ion Ratio Lower Upper
128 100
49 131.8 95.7 177.7
130 126.9 92.4 171.6
51 41.9 35.1 52.7

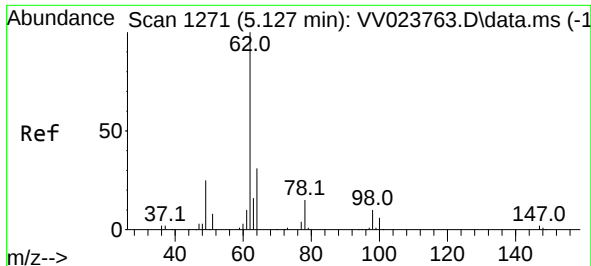


#25
Chloroform
Concen: 52.186 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36



Tgt Ion: 83 Resp: 400239
Ion Ratio Lower Upper
83 100
85 64.2 46.0 85.4





#27

1,2-Dichloroethane

Concen: 50.657 ug/L

RT: 5.127 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV023764.D

Acq: 01 Dec 2021 20:36

Instrument :

MSVOA_V

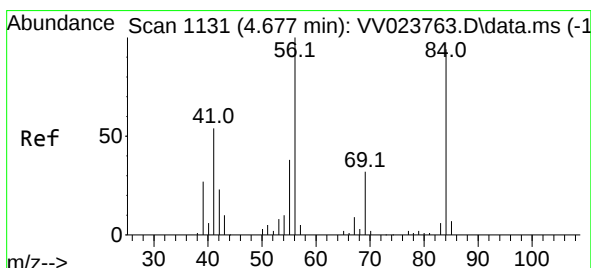
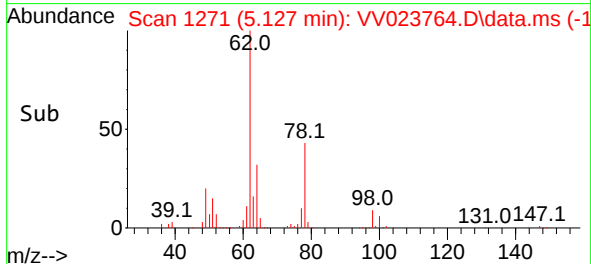
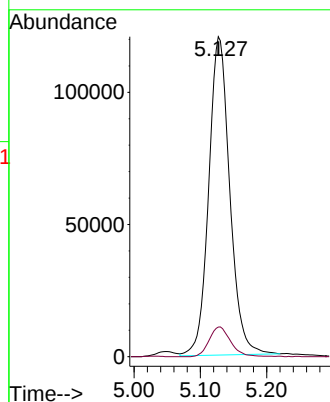
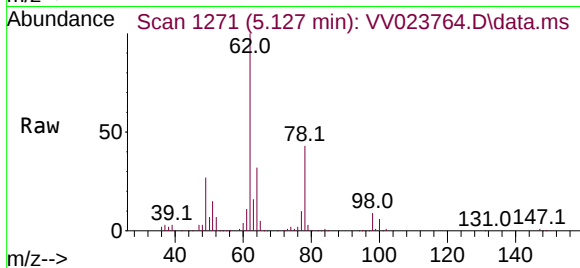
ClientSampleId :

Tgt Ion: 62 Resp: 265555

Ion Ratio Lower Upper

62 100

98 9.3 7.8 11.6



#29

Cyclohexane

Concen: 51.278 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV023764.D

Acq: 01 Dec 2021 20:36

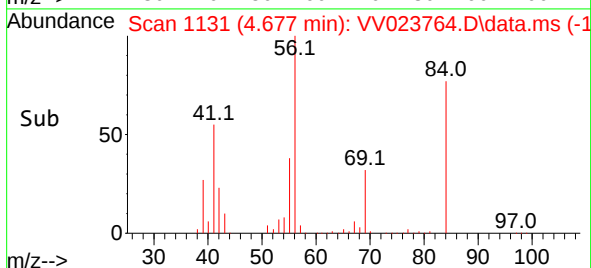
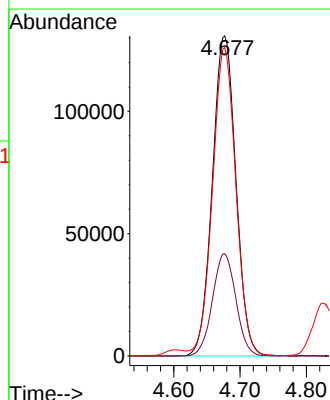
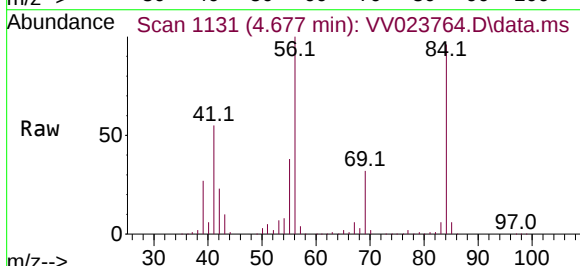
Tgt Ion: 56 Resp: 322918

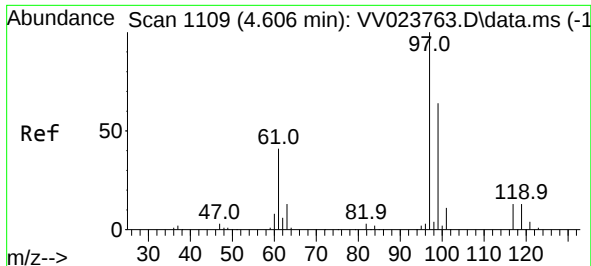
Ion Ratio Lower Upper

56 100

69 31.8 25.2 37.8

84 95.5 76.6 114.8





#30

1,1,1-Trichloroethane

Concen: 59.074 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV023764.D

Acq: 01 Dec 2021 20:36

Instrument :

MSVOA_V

ClientSampleId :

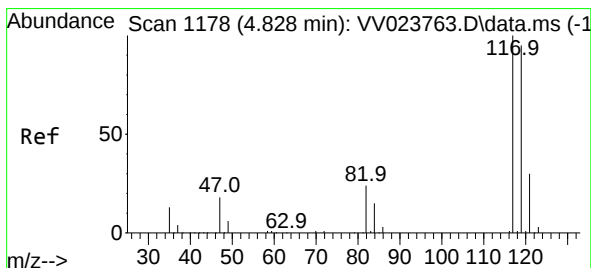
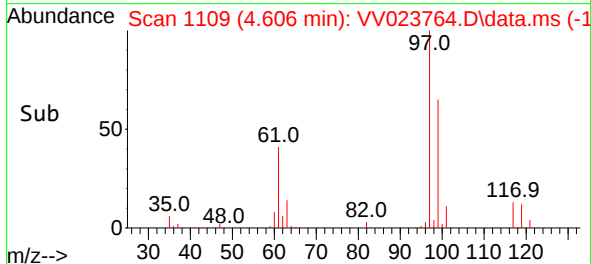
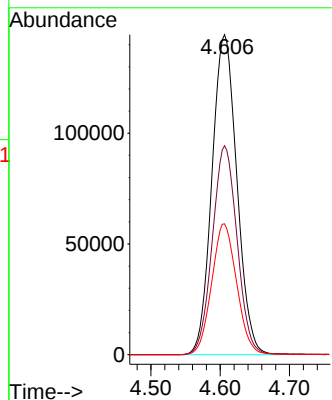
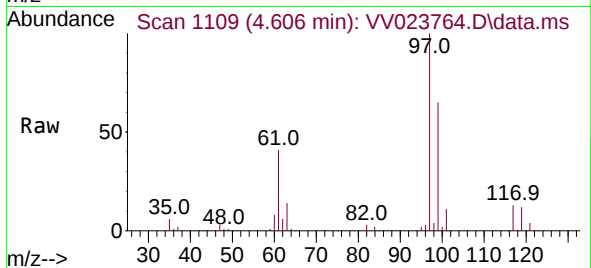
Tgt Ion: 97 Resp: 361692

Ion Ratio Lower Upper

97 100

99 64.8 52.0 78.0

61 41.0 33.3 49.9



#31

Carbon tetrachloride

Concen: 59.530 ug/L

RT: 4.825 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VV023764.D

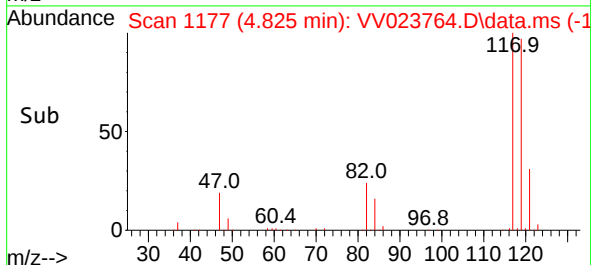
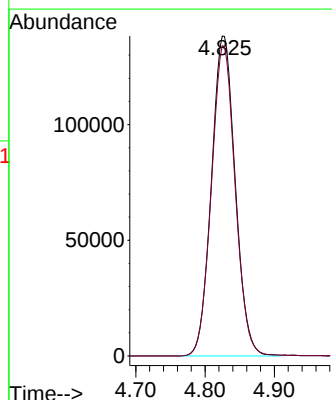
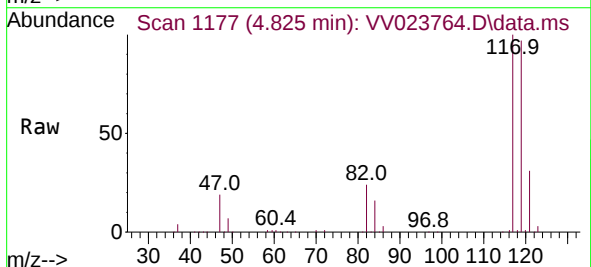
Acq: 01 Dec 2021 20:36

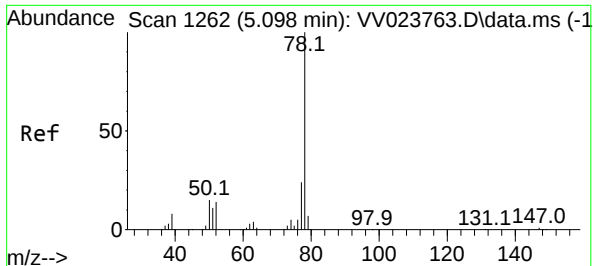
Tgt Ion: 117 Resp: 330052

Ion Ratio Lower Upper

117 100

119 96.7 76.0 114.0

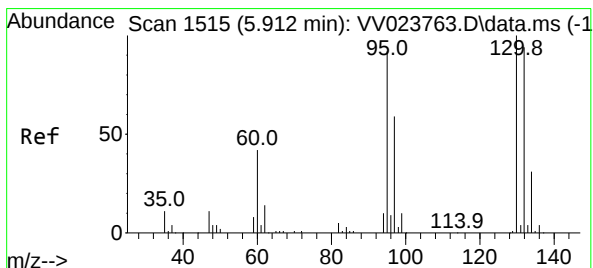
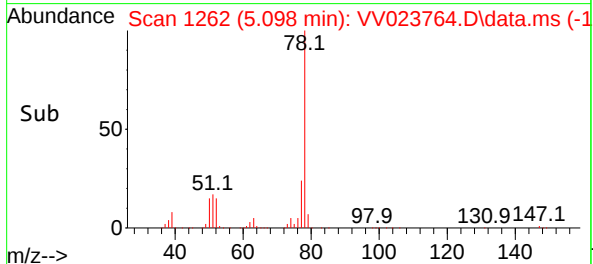
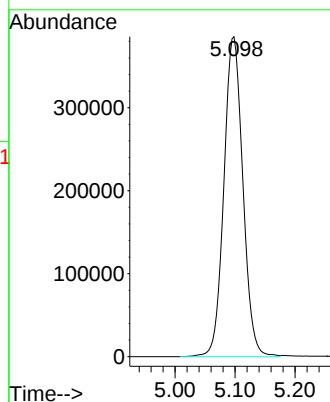
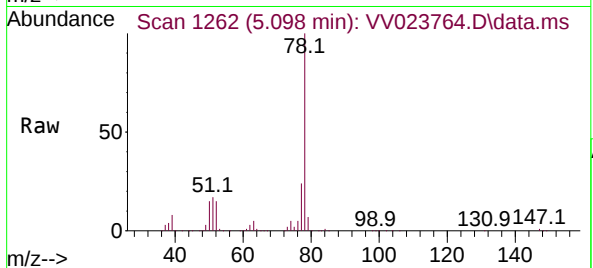




#33
Benzene
Concen: 51.213 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

Instrument :
MSVOA_V
ClientSampleId :

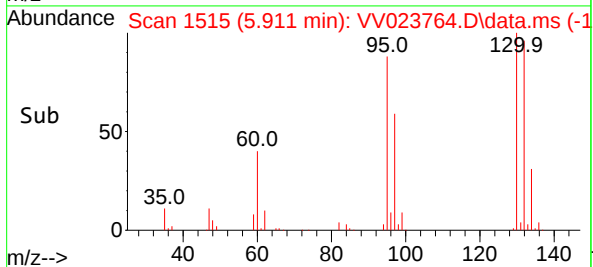
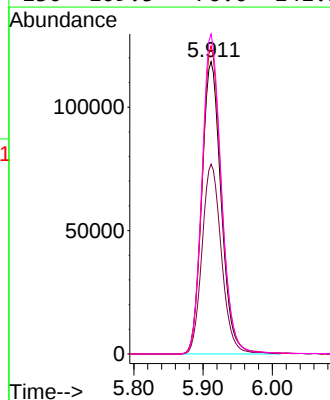
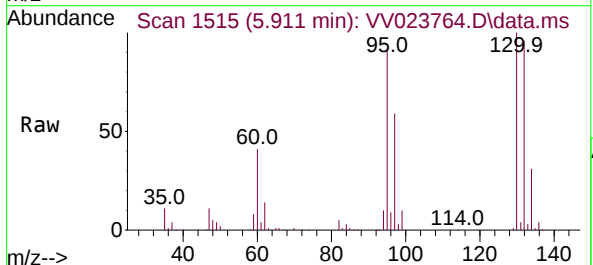
Tgt Ion: 78 Resp: 846399

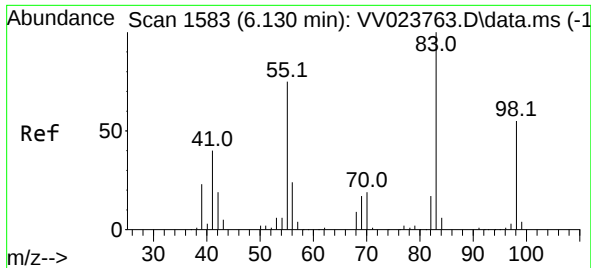


#34
Trichloroethene
Concen: 51.219 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

Tgt Ion: 95 Resp: 230259

Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.5	82.7
132	105.4	71.7	133.1
130	109.5	76.0	141.2

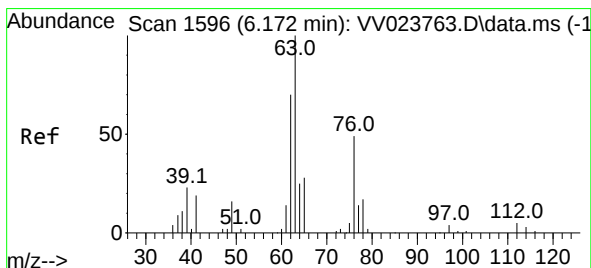
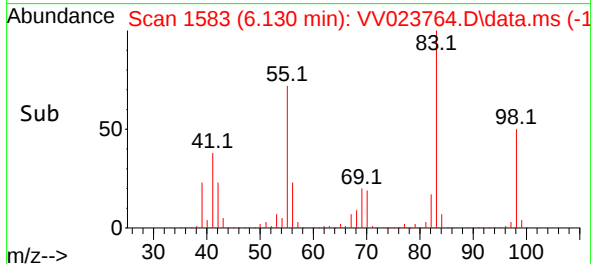
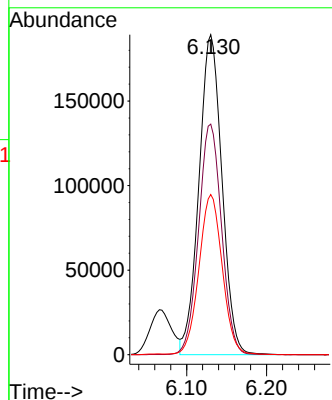
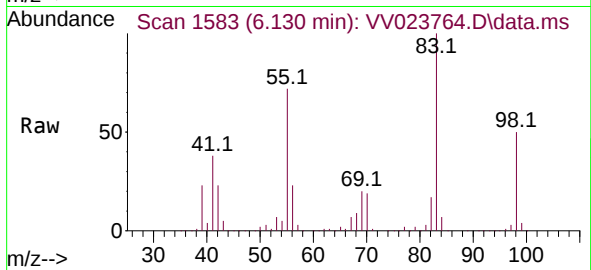




#35
Methylcyclohexane
Concen: 53.821 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

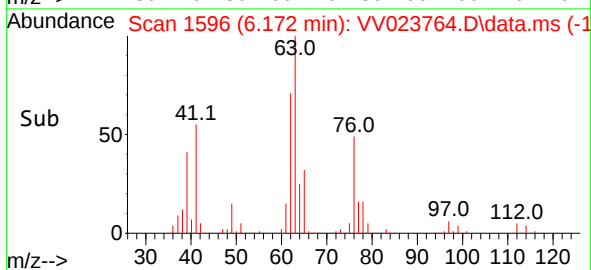
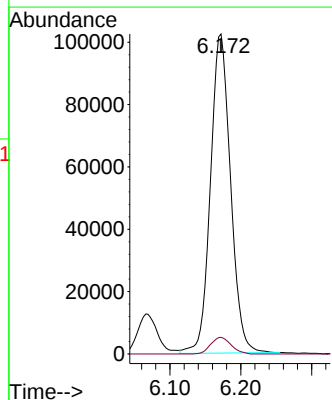
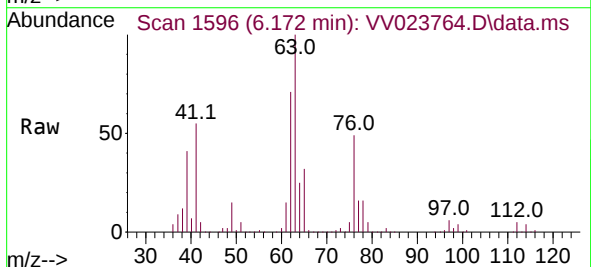
Instrument :
MSVOA_V
ClientSampleId :

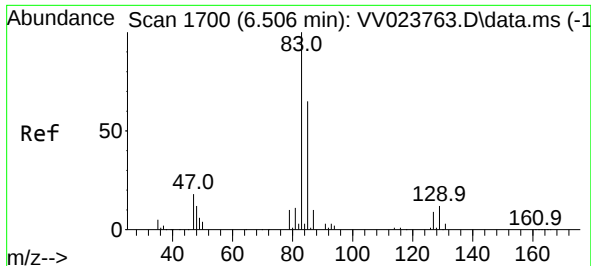
Tgt Ion: 83 Resp: 379664
Ion Ratio Lower Upper
83 100
55 71.7 57.4 86.2
98 50.8 40.4 60.6



#37
1,2-Dichloropropane
Concen: 48.314 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

Tgt Ion: 63 Resp: 201782
Ion Ratio Lower Upper
63 100
112 5.3 4.3 6.5

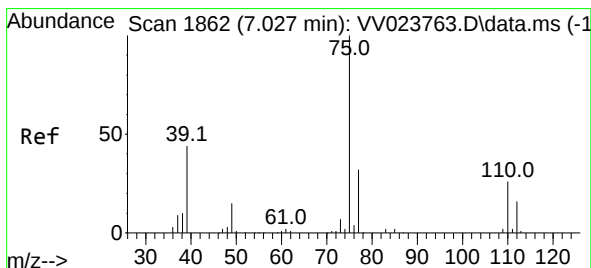
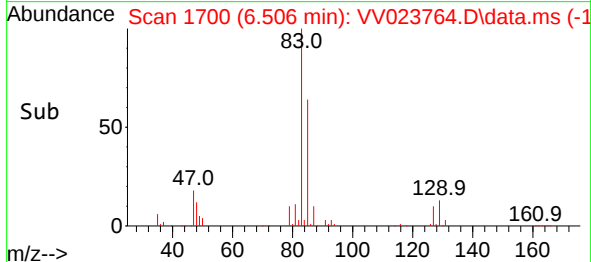
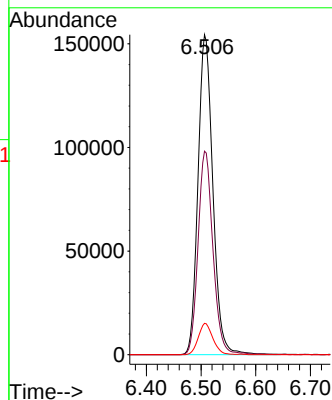
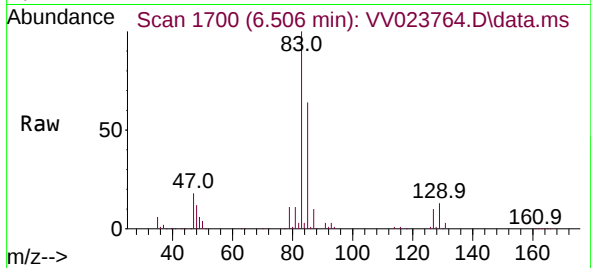




#38
Bromodichloromethane
Concen: 52.396 ug/L
RT: 6.506 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

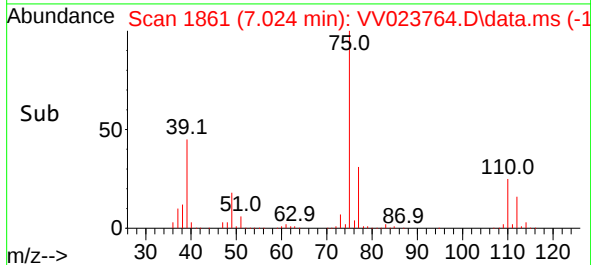
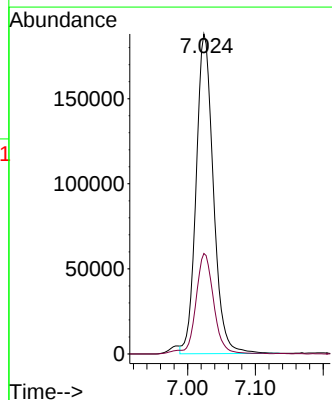
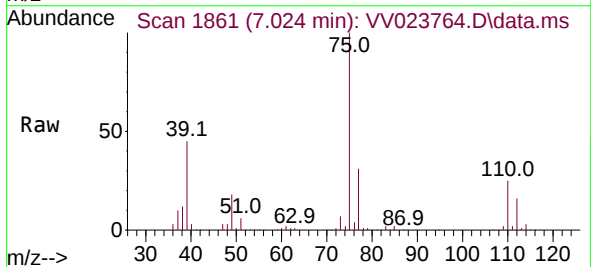
Instrument :
MSVOA_V
ClientSampleId :

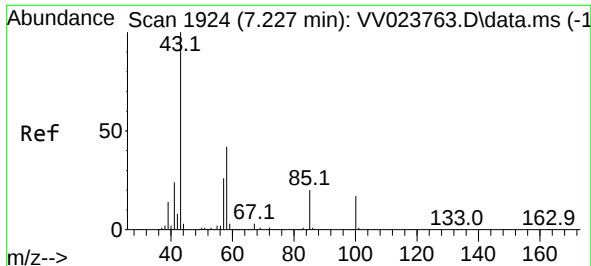
Tgt Ion: 83 Resp: 290939
Ion Ratio Lower Upper
83 100
85 63.6 45.4 84.2
127 9.8 7.5 11.3



#39
cis-1,3-Dichloropropene
Concen: 52.690 ug/L
RT: 7.024 min Scan# 1861
Delta R.T. -0.003 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

Tgt Ion: 75 Resp: 331515
Ion Ratio Lower Upper
75 100
77 31.4 22.4 41.6





#40

4-Methyl-2-pentanone

Concen: 78.721 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV023764.D

Acq: 01 Dec 2021 20:36

Instrument :

MSVOA_V

ClientSampleId :

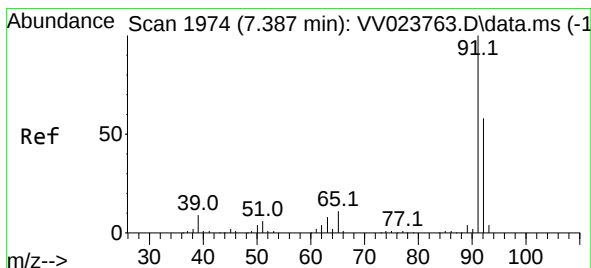
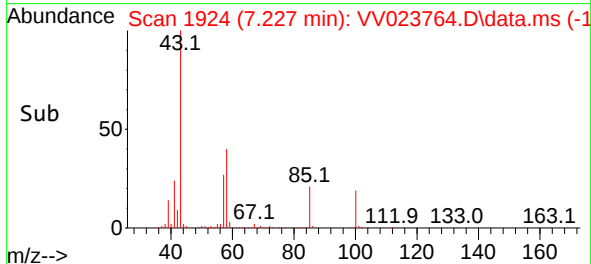
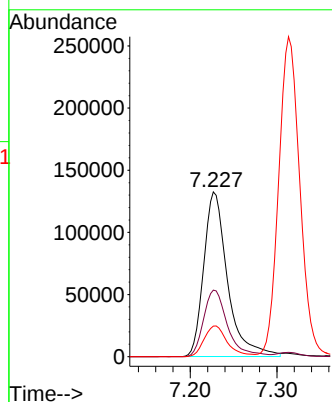
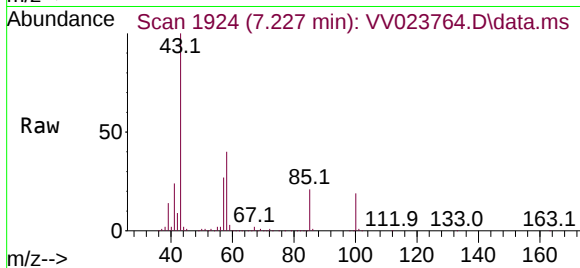
Tgt Ion: 43 Resp: 253158

Ion Ratio Lower Upper

43 100

58 40.9 31.6 47.4

100 18.3 13.8 20.6



#42

Toluene

Concen: 53.912 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV023764.D

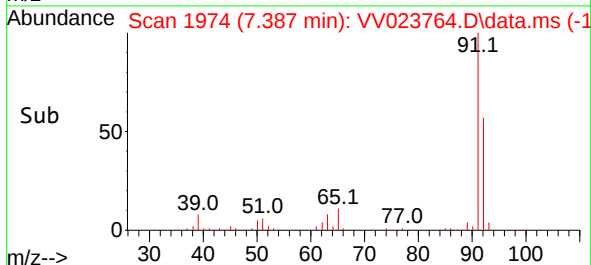
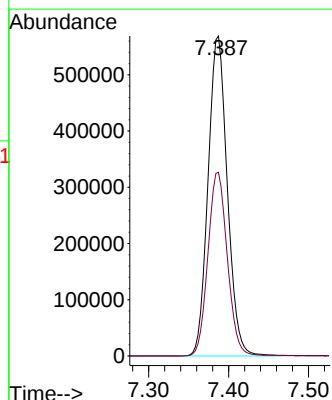
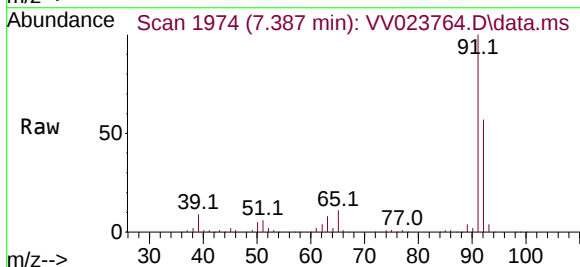
Acq: 01 Dec 2021 20:36

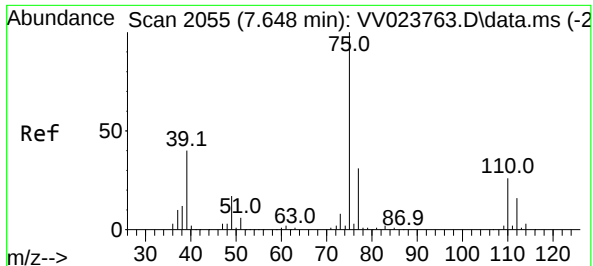
Tgt Ion: 91 Resp: 954018

Ion Ratio Lower Upper

91 100

92 57.4 40.4 75.0

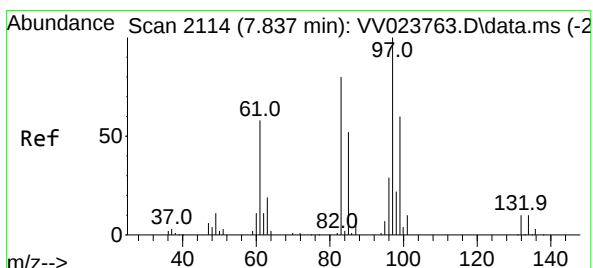
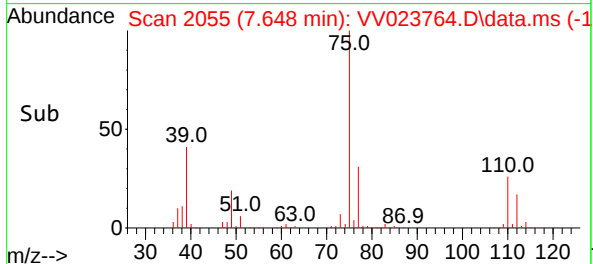
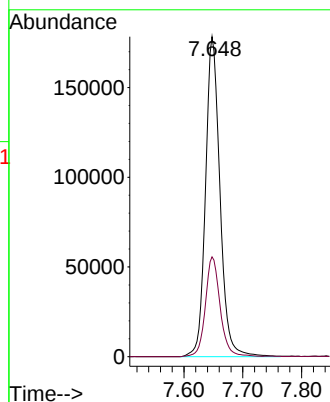
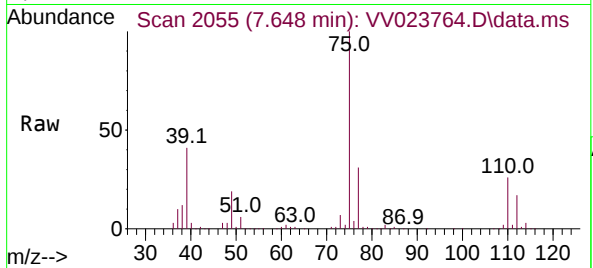




#44
trans-1,3-Dichloropropene
Concen: 57.359 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

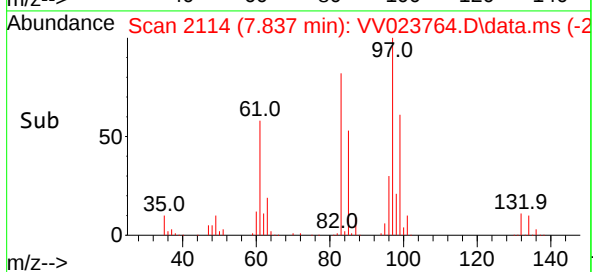
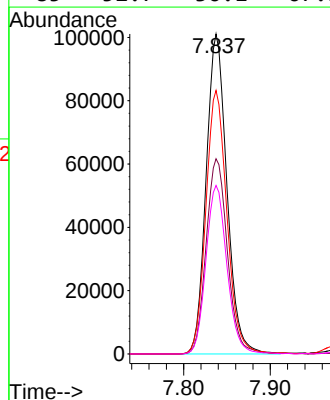
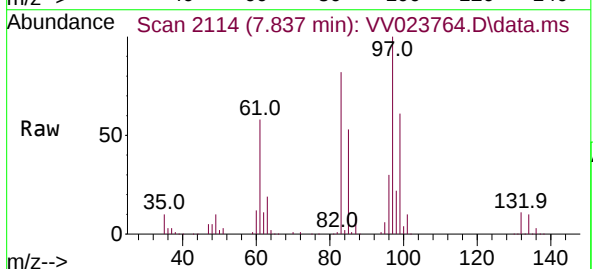
Instrument :
MSVOA_V
ClientSampleId :

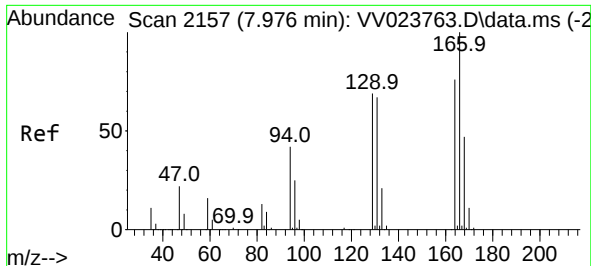
Tgt Ion: 75 Resp: 304933
Ion Ratio Lower Upper
75 100
77 31.2 21.5 39.9



#45
1,1,2-Trichloroethane
Concen: 47.430 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

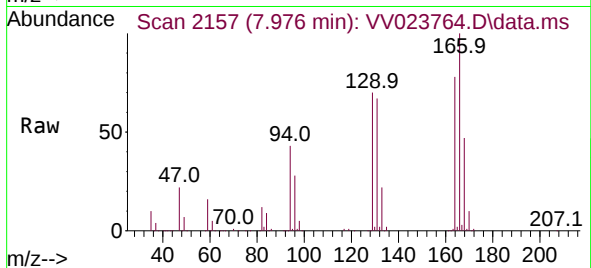
Tgt Ion: 97 Resp: 168461
Ion Ratio Lower Upper
97 100
99 61.0 41.8 77.6
83 82.3 55.8 103.6
85 52.7 36.1 67.1





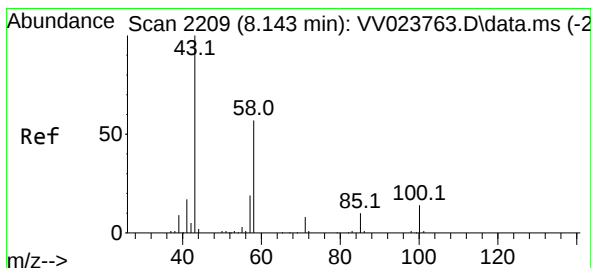
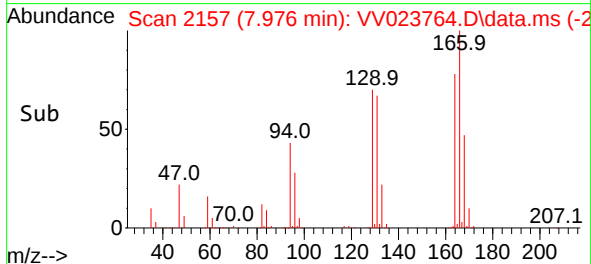
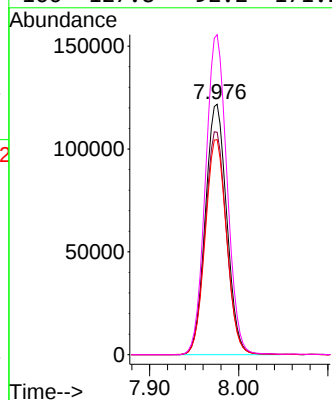
#46
Tetrachloroethene
Concen: 54.361 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 203737

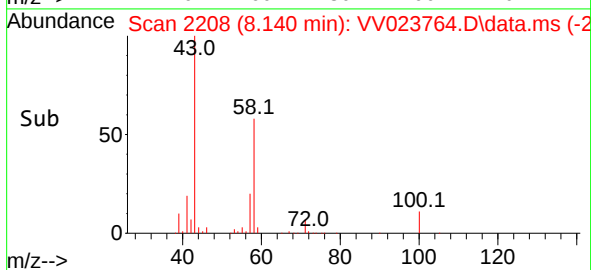
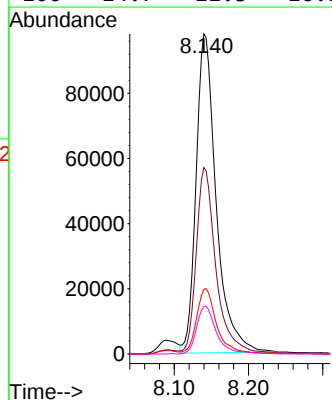
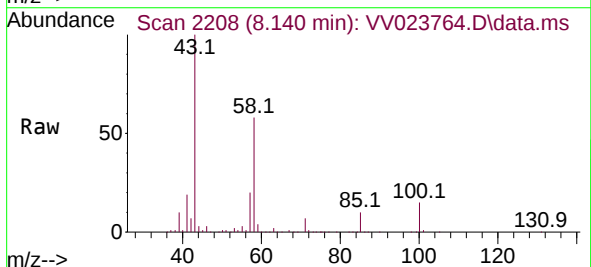
Ion	Ratio	Lower	Upper
164	100		
129	88.8	63.3	117.5
131	85.9	61.8	114.8
166	127.8	92.2	171.2

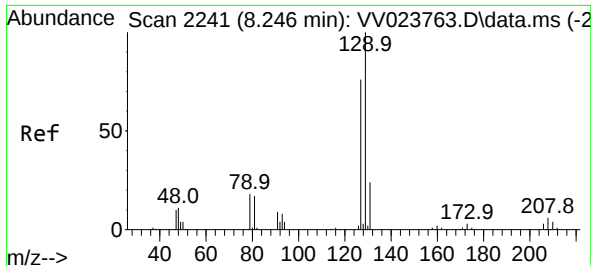


#48
2-Hexanone
Concen: 79.751 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

Tgt Ion: 43 Resp: 184902

Ion	Ratio	Lower	Upper
43	100		
58	57.1	45.8	68.8
57	19.9	15.6	23.4
100	14.7	11.3	16.9

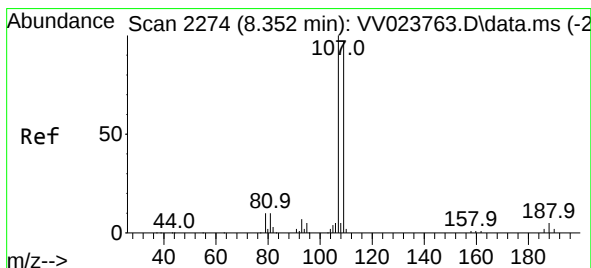
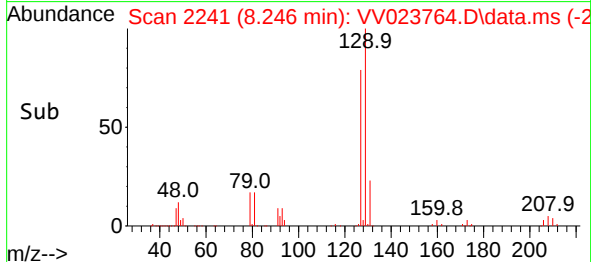
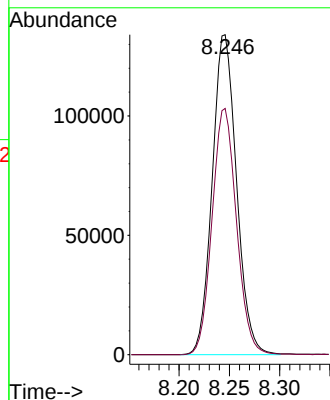
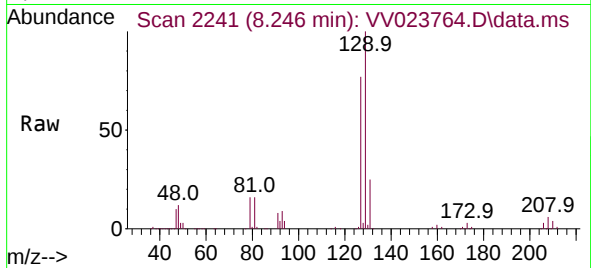




#49
Dibromochloromethane
Concen: 54.653 ug/L
RT: 8.246 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

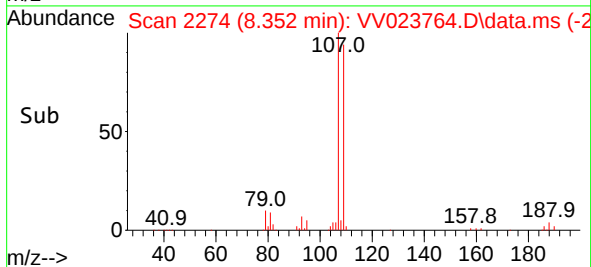
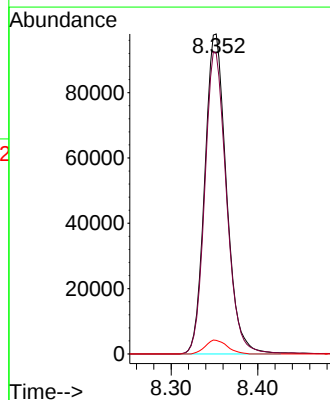
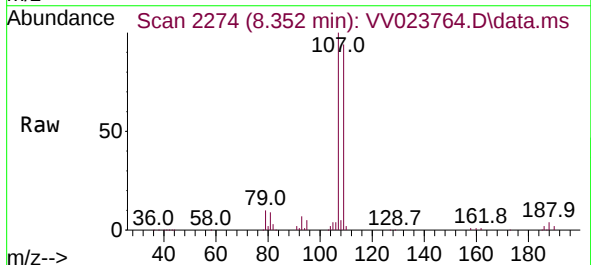
Instrument :
MSVOA_V
ClientSampleId :

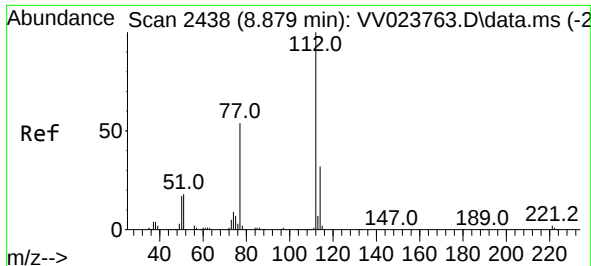
Tgt Ion:129 Resp: 225943
Ion Ratio Lower Upper
129 100
127 77.0 53.1 98.7



#50
1,2-Dibromoethane
Concen: 48.785 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

Tgt Ion:107 Resp: 170298
Ion Ratio Lower Upper
107 100
109 94.0 67.8 125.8
188 4.3 3.6 5.4

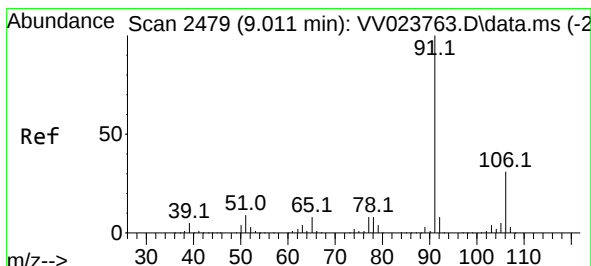
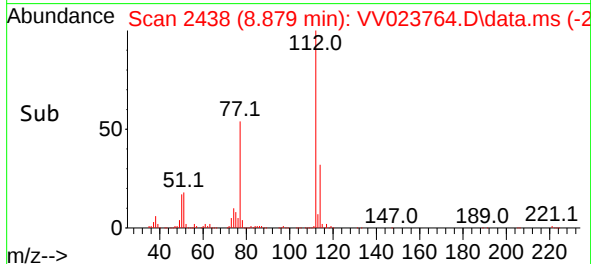
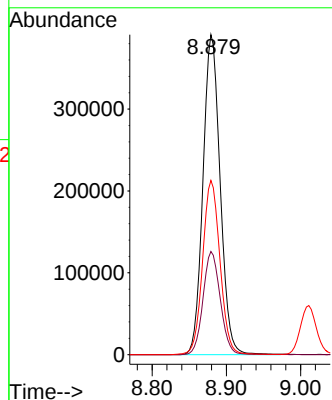
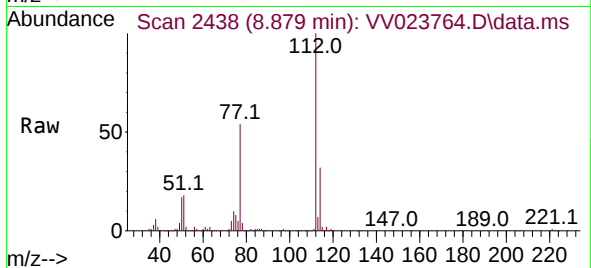




#51
Chlorobenzene
Concen: 52.358 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

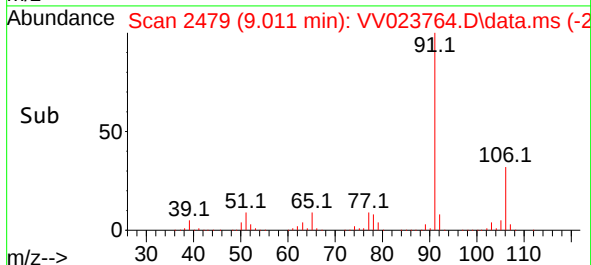
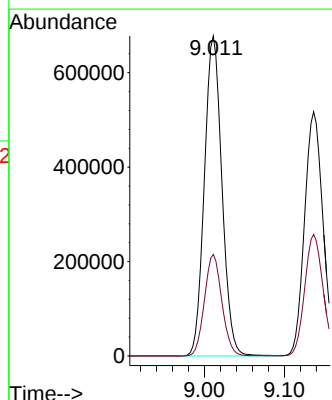
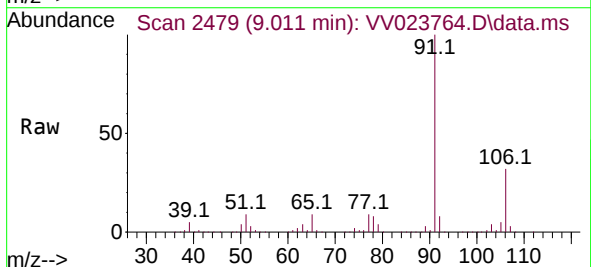
Instrument :
MSVOA_V
ClientSampleId :

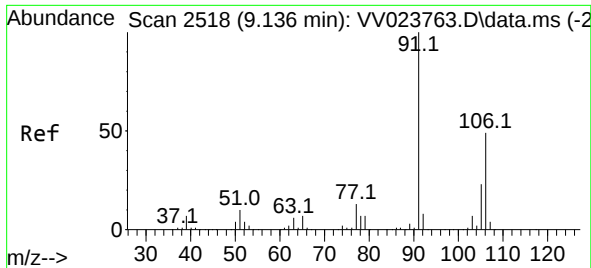
Tgt Ion:112 Resp: 628397
Ion Ratio Lower Upper
112 100
114 32.2 22.6 42.0
77 54.5 43.5 65.3



#52
Ethylbenzene
Concen: 53.572 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

Tgt Ion: 91 Resp: 1036591
Ion Ratio Lower Upper
91 100
106 31.7 22.0 40.8

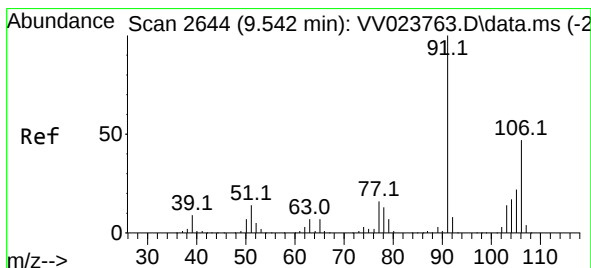
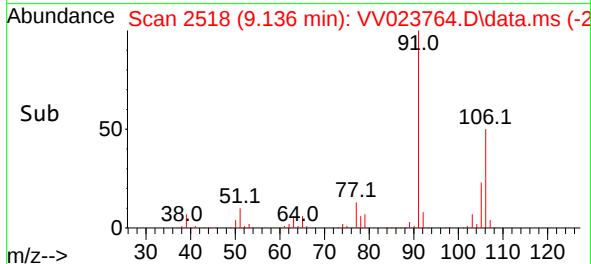
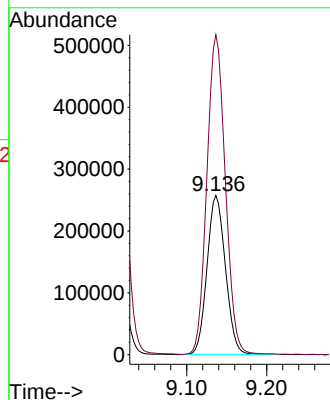
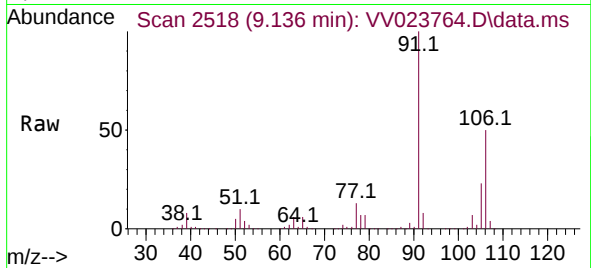




#53
m,p-Xylene
Concen: 55.387 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

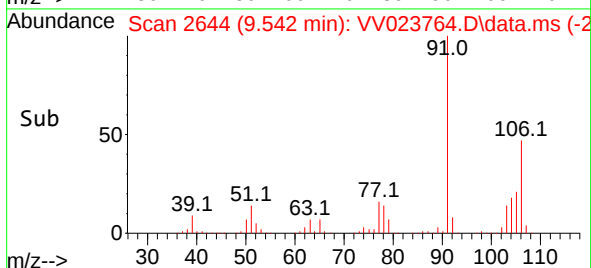
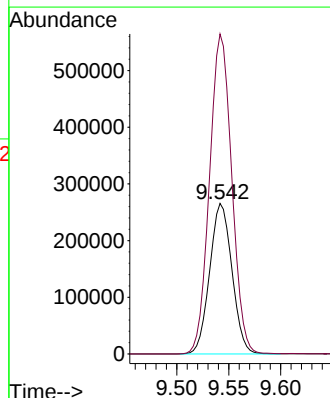
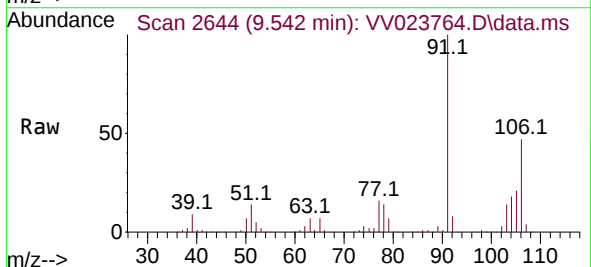
Instrument :
MSVOA_V
ClientSampleId :

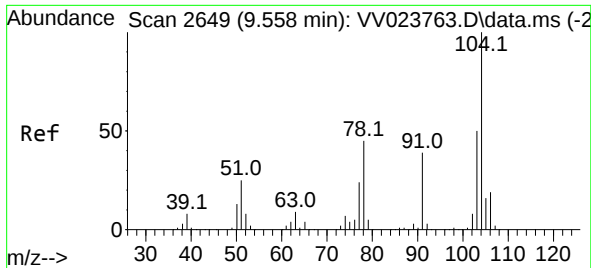
Tgt Ion:106 Resp: 410971
Ion Ratio Lower Upper
106 100
91 201.0 141.7 263.3



#54
o-Xylene
Concen: 55.617 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

Tgt Ion:106 Resp: 395787
Ion Ratio Lower Upper
106 100
91 212.6 147.8 274.6

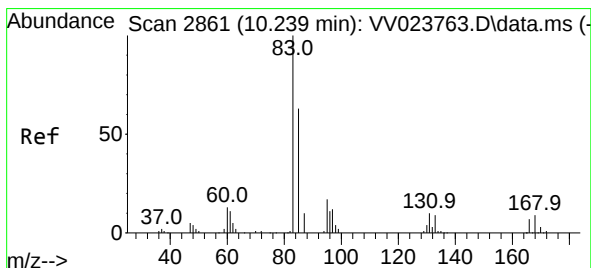
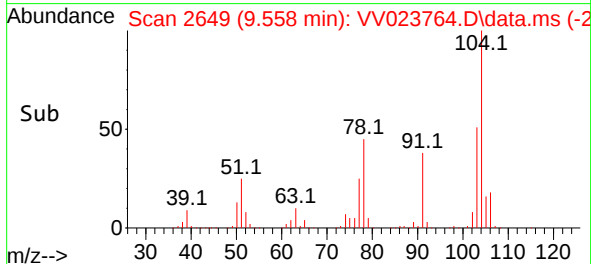
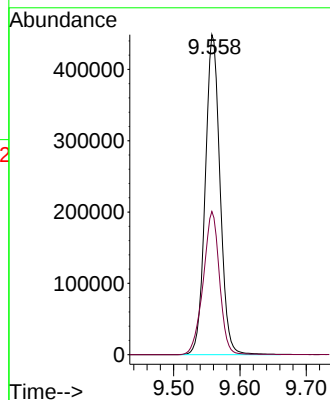
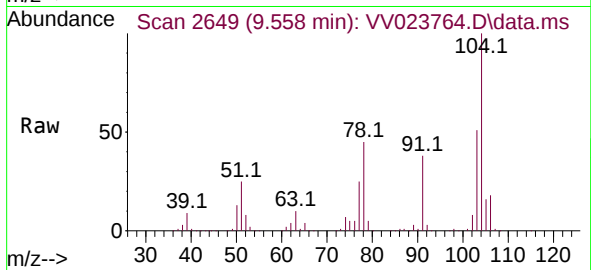




#55
Styrene
Concen: 56.080 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

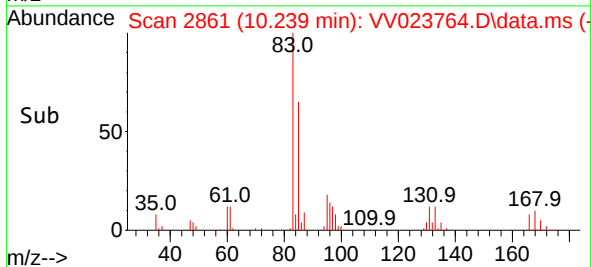
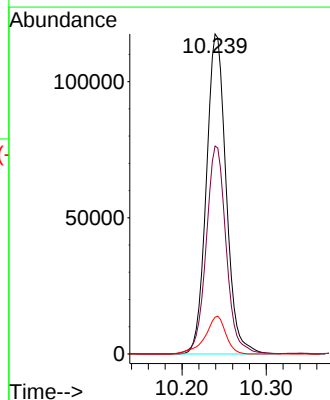
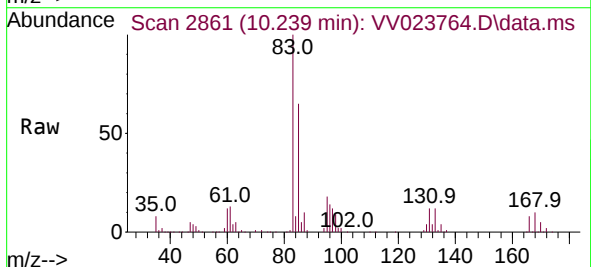
Instrument :
MSVOA_V
ClientSampleId :

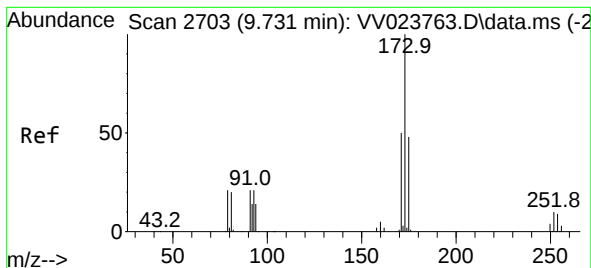
Tgt Ion:104 Resp: 697863
Ion Ratio Lower Upper
104 100
78 44.7 31.2 58.0



#57
1,1,2,2-Tetrachloroethane
Concen: 45.034 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

Tgt Ion: 83 Resp: 191912
Ion Ratio Lower Upper
83 100
85 65.0 44.4 82.5
131 11.5 8.4 12.6





#59

Bromoform

Concen: 50.058 ug/L

RT: 9.731 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV023764.D

Acq: 01 Dec 2021 20:36

Instrument :

MSVOA_V

ClientSampleId :

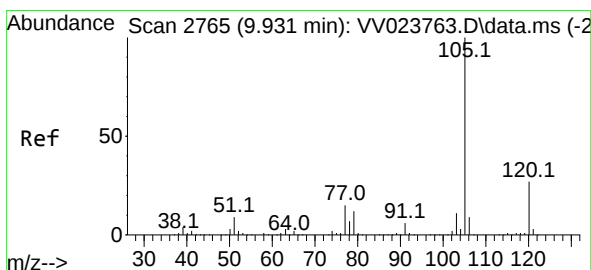
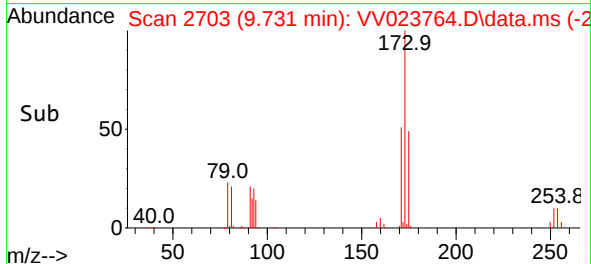
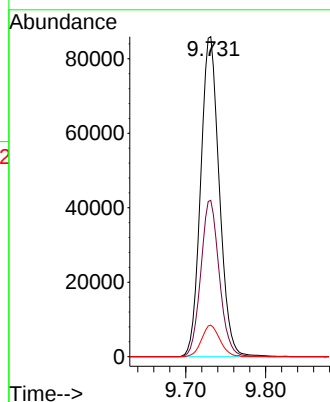
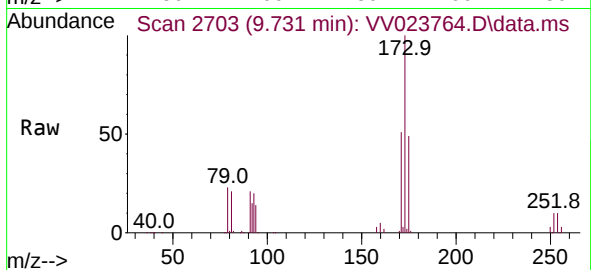
Tgt Ion:173 Resp: 139477

Ion Ratio Lower Upper

173 100

175 48.4 0.0 0.0#

254 9.7 0.0 0.0#



#60

Isopropylbenzene

Concen: 53.679 ug/L

RT: 9.931 min Scan# 2765

Delta R.T. -0.000 min

Lab File: VV023764.D

Acq: 01 Dec 2021 20:36

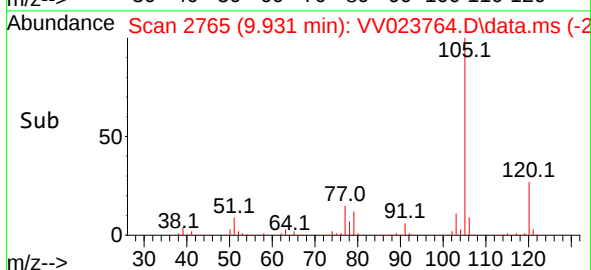
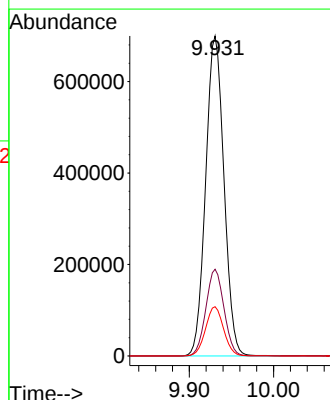
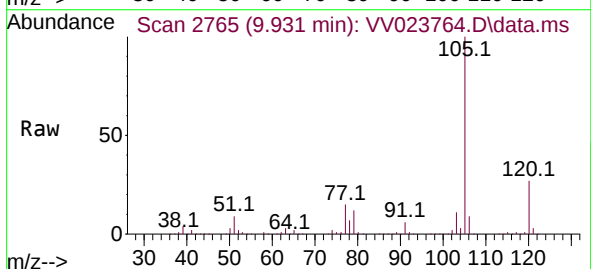
Tgt Ion:105 Resp: 1058351

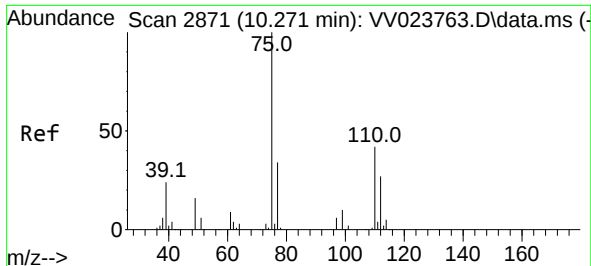
Ion Ratio Lower Upper

105 100

120 26.8 21.6 32.4

77 15.2 11.9 17.9

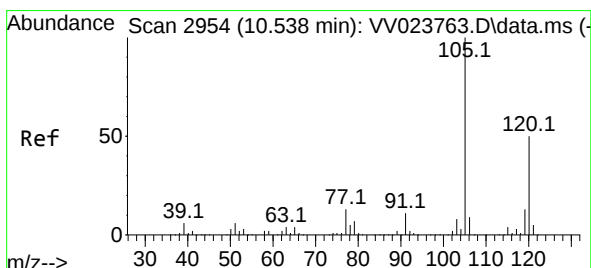
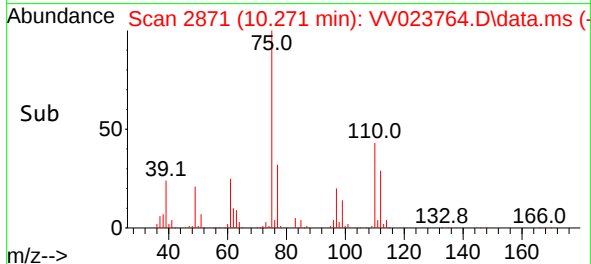
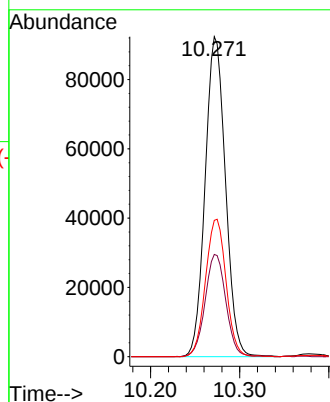
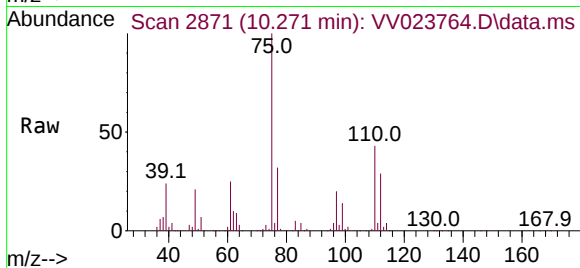




#61
1,2,3-Trichloropropane
Concen: 40.814 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

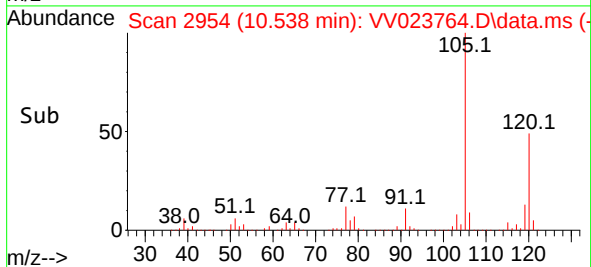
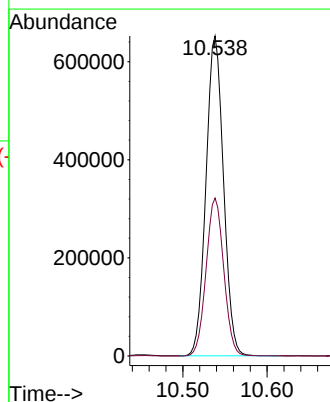
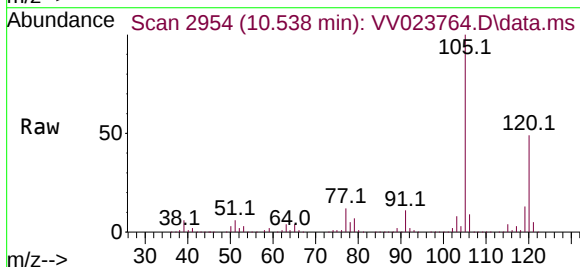
Instrument :
MSVOA_V
ClientSampleId :

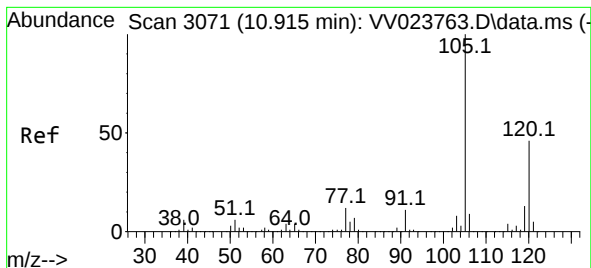
Tgt Ion: 75 Resp: 146227
Ion Ratio Lower Upper
75 100
77 32.6 27.0 40.6
110 43.3 33.7 50.5



#62
1,3,5-Trimethylbenzene
Concen: 58.805 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

Tgt Ion: 105 Resp: 945165
Ion Ratio Lower Upper
105 100
120 49.7 40.0 60.0





#63

1,2,4-Trimethylbenzene

Concen: 58.593 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV023764.D

Acq: 01 Dec 2021 20:36

Instrument :

MSVOA_V

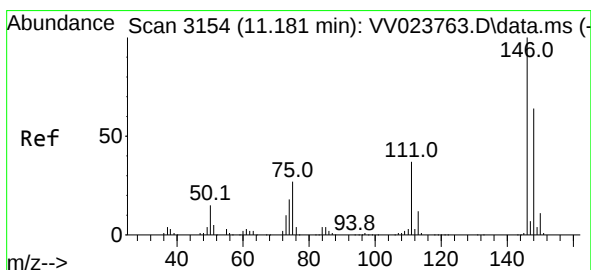
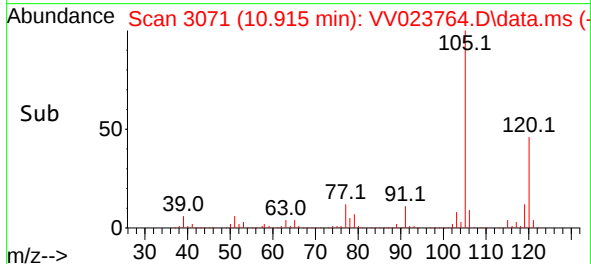
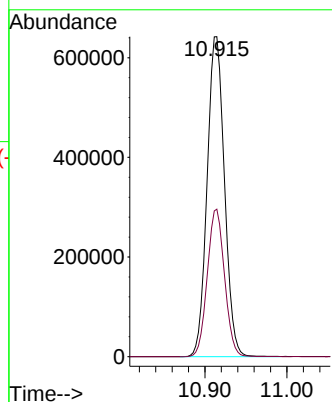
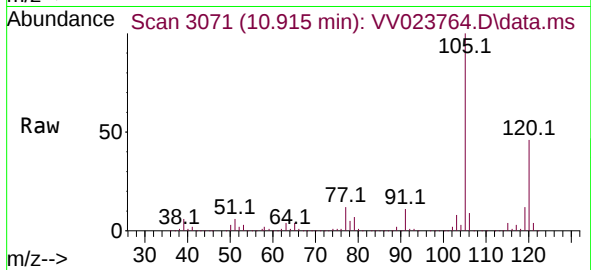
ClientSampleId :

Tgt Ion:105 Resp: 944021

Ion Ratio Lower Upper

105 100

120 45.7 36.7 55.1



#64

1,3-Dichlorobenzene

Concen: 52.173 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. -0.003 min

Lab File: VV023764.D

Acq: 01 Dec 2021 20:36

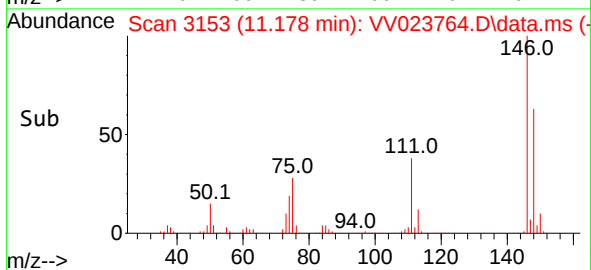
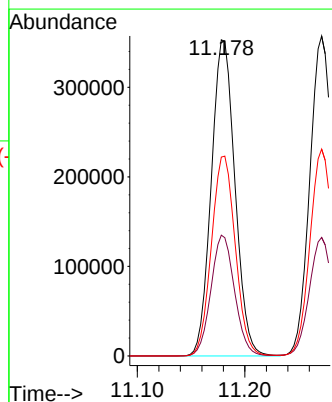
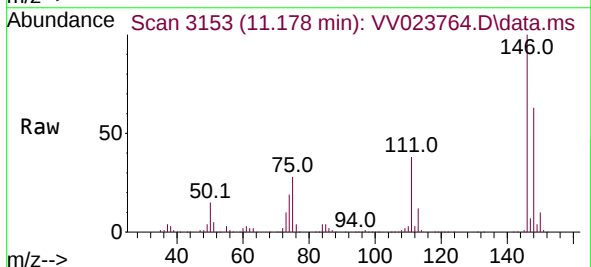
Tgt Ion:146 Resp: 541327

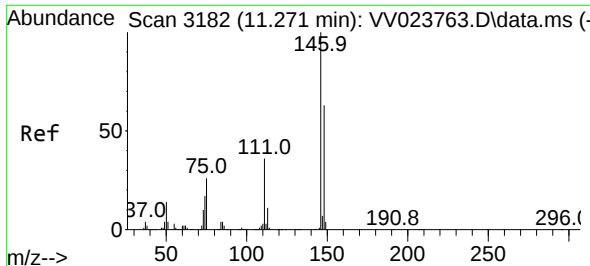
Ion Ratio Lower Upper

146 100

111 38.2 26.2 48.8

148 62.9 44.7 83.1

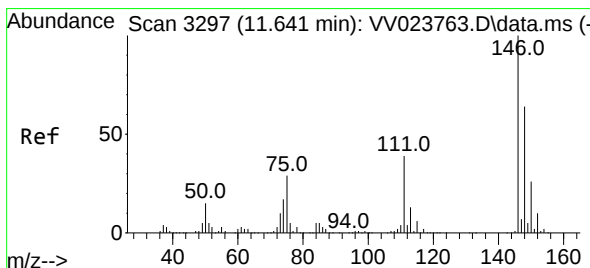
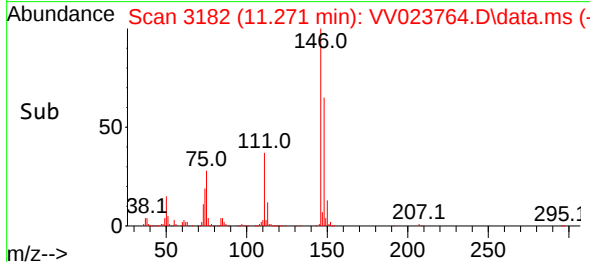
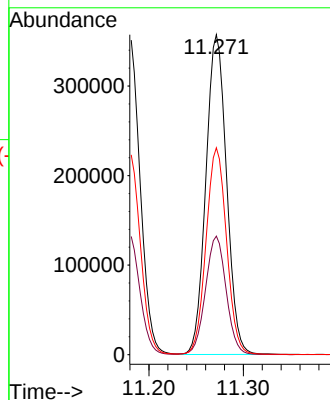
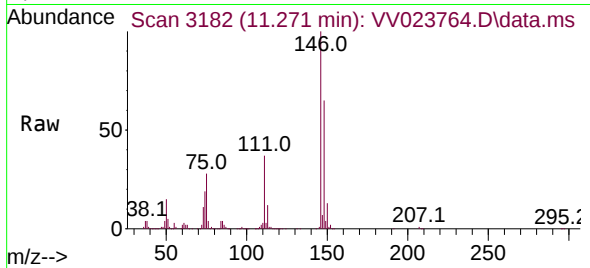




#65
1,4-Dichlorobenzene
Concen: 49.707 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

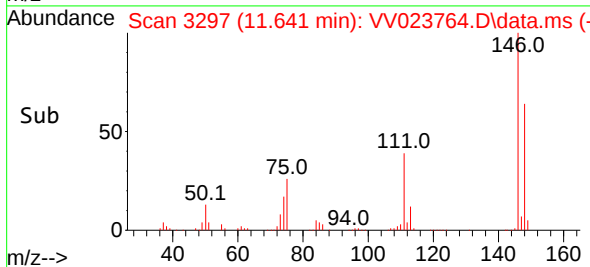
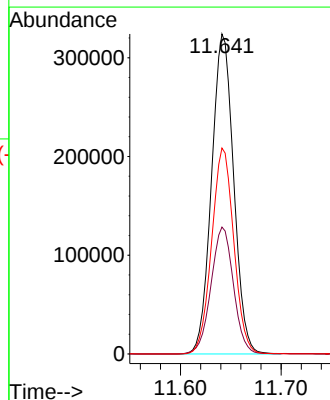
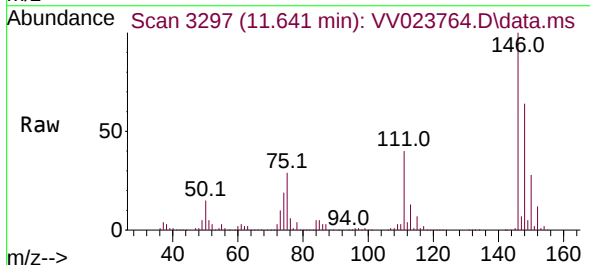
Instrument :
MSVOA_V
ClientSampleId :

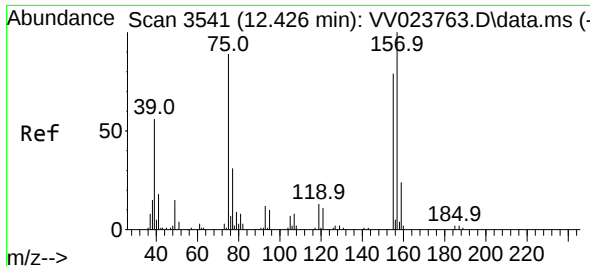
Tgt Ion:146 Resp: 542392
Ion Ratio Lower Upper
146 100
111 37.0 25.4 47.2
148 64.6 43.8 81.4



#67
1,2-Dichlorobenzene
Concen: 50.135 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

Tgt Ion:146 Resp: 494746
Ion Ratio Lower Upper
146 100
111 39.7 31.4 47.0
148 64.4 51.1 76.7

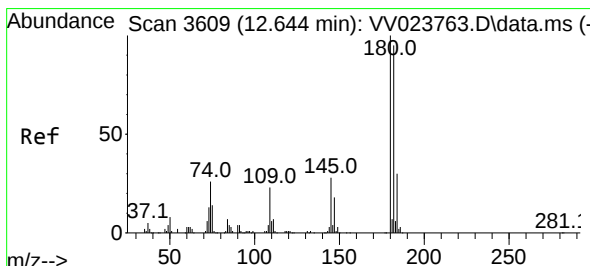
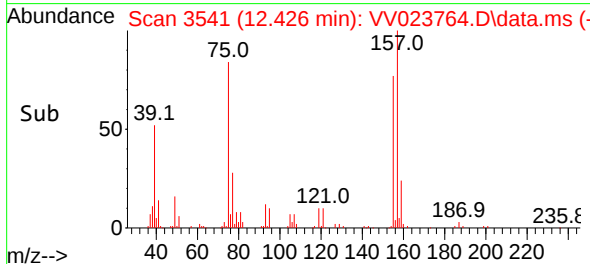
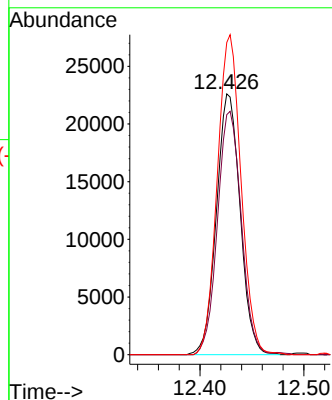
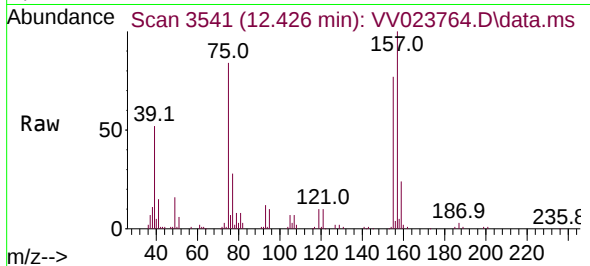




#68
 1,2-Dibromo-3-chloropropane
 Concen: 45.130 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV023764.D
 Acq: 01 Dec 2021 20:36

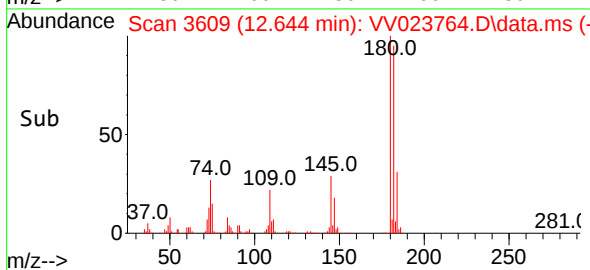
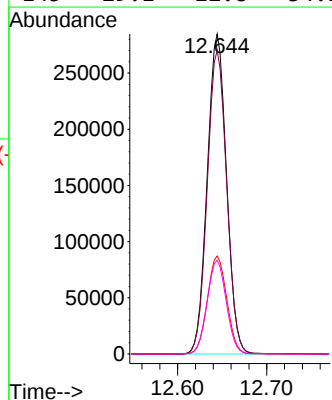
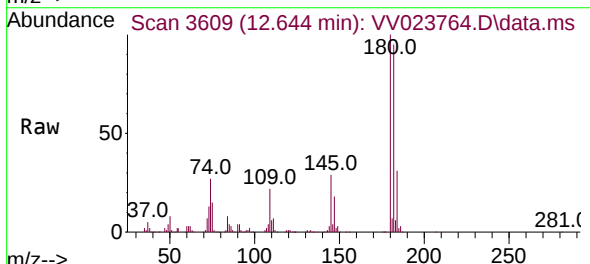
Instrument :
 MSVOA_V
 ClientSampleId :

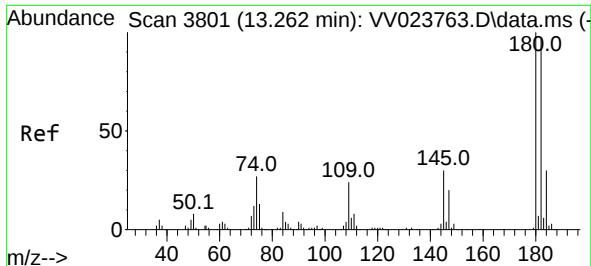
Tgt Ion: 75 Resp: 35820
 Ion Ratio Lower Upper
 75 100
 155 92.0 71.0 106.4
 157 119.7 90.1 135.1



#69
 1,3,5-Trichlorobenzene
 Concen: 51.264 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV023764.D
 Acq: 01 Dec 2021 20:36

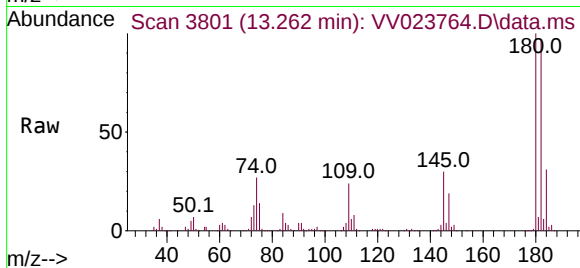
Tgt Ion: 180 Resp: 427530
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.8 113.8
 184 30.7 23.8 35.8
 145 29.1 22.8 34.2



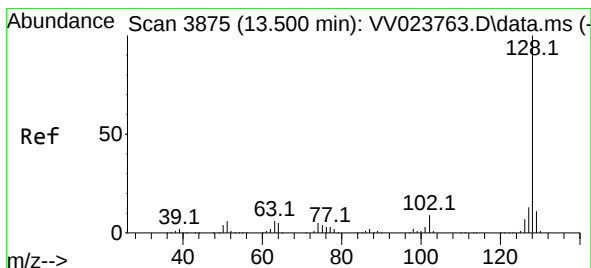
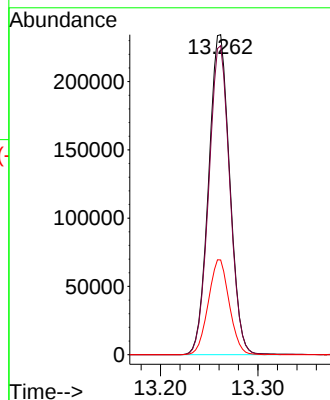
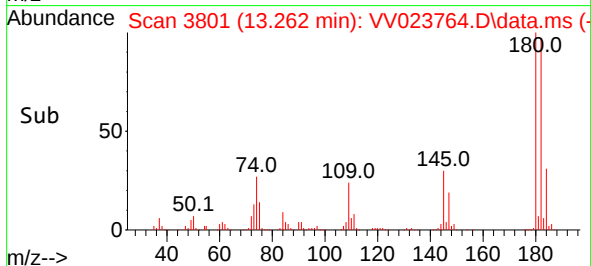


#70
1,2,4-trichlorobenzene
Concen: 49.937 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36

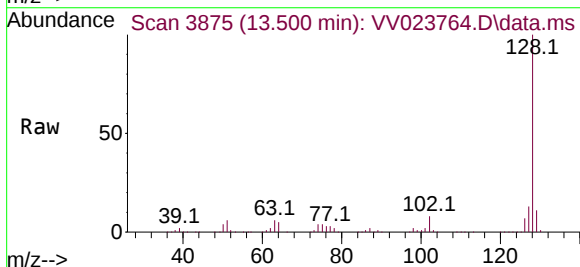
Instrument :
MSVOA_V
ClientSampleId :



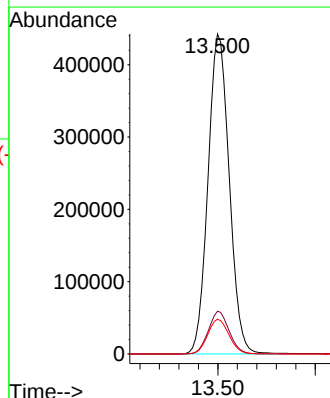
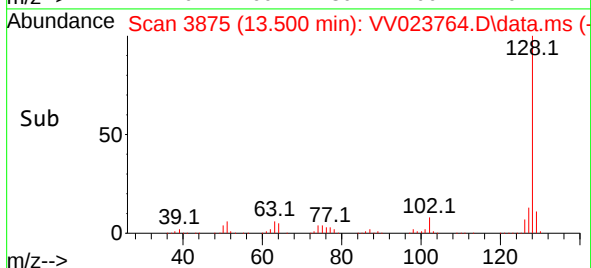
Tgt Ion:180 Resp: 353923
Ion Ratio Lower Upper
180 100
182 95.8 77.0 115.4
145 29.4 24.3 36.5

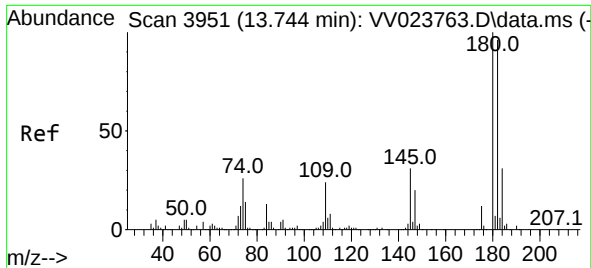


#71
Naphthalene
Concen: 49.427 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV023764.D
Acq: 01 Dec 2021 20:36



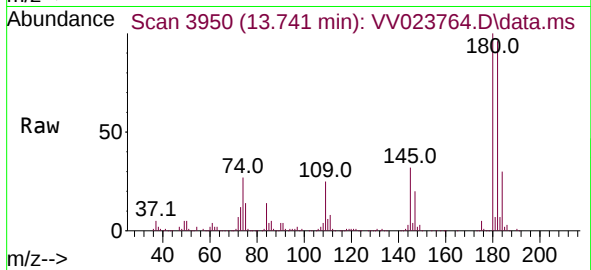
Tgt Ion:128 Resp: 669920
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.9 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 47.195 ug/L
 RT: 13.741 min Scan# 3951
 Delta R.T. -0.003 min
 Lab File: VV023764.D
 Acq: 01 Dec 2021 20:36

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 319977

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.2
145	31.8	25.6	38.4

