

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW103122\
 Data File : VW028776.D
 Acq On : 31 Oct 2022 12:56
 Operator : SY/MD
 Sample : VSTD20074
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 01 02:59:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 02:57:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	448459	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	430802	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	229031	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	842680	236.541	ug/L	0.00
7) Chloroethane-d5	1.548	69	712987	248.314	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.101	63	1629387	259.491	ug/L	0.00
21) 2-Butanone-d5	3.860	46	1313800	423.744	ug/L	0.00
24) Chloroform-d	4.336	84	1315265	208.308	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.021	65	868890	212.303	ug/L	0.00
32) Benzene-d6	5.040	84	2683832	196.633	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	921620	205.086	ug/L	0.00
41) Toluene-d8	7.310	98	2432761	199.290	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	407700	187.844	ug/L	0.00
47) 2-Hexanone-d5	8.079	63	935907	395.474	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	1244006	203.797	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	907726	195.163	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	659554	196.777	ug/L	98
3) Chloromethane	1.236	50	1059629	256.761	ug/L	99
5) Vinyl chloride	1.307	62	1002955	247.775	ug/L	99
6) Bromomethane	1.510	94	599500	310.193	ug/L	97
8) Chloroethane	1.568	64	629719	253.567	ug/L	100
9) Trichlorofluoromethane	1.741	101	1179422	238.653	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	667277	237.558	ug/L	99
12) 1,1-Dichloroethene	2.108	96	666536	241.770	ug/L	94
13) Acetone	2.153	43	1034334	397.281	ug/L	99
14) Carbon disulfide	2.285	76	1946967	228.588	ug/L	99
15) Methyl Acetate	2.416	43	1005404	236.545	ug/L	100
16) Methylene chloride	2.497	84	734895	210.330	ug/L	99
17) trans-1,2-Dichloroethene	2.751	96	663726	214.264	ug/L	98
18) Methyl tert-butyl Ether	2.757	73	2304819	205.711	ug/L	100
19) 1,1-Dichloroethane	3.179	63	1407801	220.105	ug/L	100
20) cis-1,2-Dichloroethene	3.899	96	738492	211.658	ug/L #	99
22) 2-Butanone	3.944	43	1487276	455.259	ug/L	95
23) Bromochloromethane	4.233	128	346948	205.781	ug/L	99
25) Chloroform	4.362	83	1305221	211.814	ug/L	100
27) 1,2-Dichloroethane	5.121	62	1100854	229.571	ug/L	100
29) Cyclohexane	4.667	56	1379776	218.290	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	1083021	196.252	ug/L	99
31) Carbon tetrachloride	4.818	117	885793	193.013	ug/L	100
33) Benzene	5.092	78	2992743	208.004	ug/L	100
34) Trichloroethene	5.905	95	706656	201.293	ug/L	99
35) Methylcyclohexane	6.124	83	1271678	206.515	ug/L	99
37) 1,2-Dichloropropane	6.166	63	844821	218.464	ug/L	100
38) Bromodichloromethane	6.500	83	992858	202.071	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	1277628	213.340	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	2843516	430.854	ug/L	99
42) Toluene	7.381	91	3121346	211.129	ug/L	97
44) trans-1,3-Dichloropropene	7.641	75	1214035	212.265	ug/L	100

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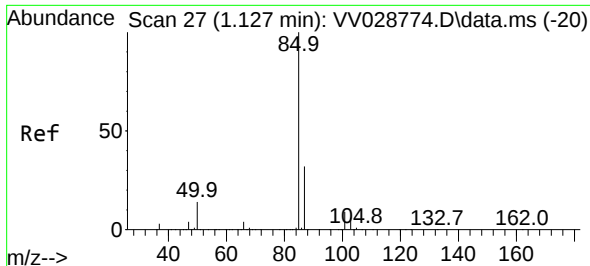
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.831	97	706647	200.071	ug/L	97
46) Tetrachloroethene	7.969	164	499412	198.846	ug/L	99
48) 2-Hexanone	8.133	43	2218235	435.836	ug/L	100
49) Dibromochloromethane	8.239	129	720331	195.635	ug/L	99
50) 1,2-Dibromoethane	8.346	107	740643	203.915	ug/L	100
51) Chlorobenzene	8.873	112	1904209	206.990	ug/L	99
52) Ethylbenzene	9.005	91	3468862	215.612	ug/L	99
53) m,p-Xylene	9.130	106	1274458	210.322	ug/L	98
54) o-Xylene	9.535	106	1266272	209.239	ug/L	99
55) Styrene	9.551	104	2238122	215.213	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.233	83	1294572	211.365	ug/L	100
59) Bromoform	9.722	173	492916	181.634	ug/L	100
60) Isopropylbenzene	9.924	105	3399127	204.130	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	1001073	201.340	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	2948198	205.673	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	2960865	208.036	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	1480935	205.189	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	1493855	207.184	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	1491358	204.819	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	304816	208.145	ug/L	99
69) 1,3,5-Trichlorobenzene	12.635	180	1126072	208.171	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	1029097	218.679	ug/L	99
71) Naphthalene	13.490	128	3450273	232.824	ug/L	100
72) 1,2,3-Trichlorobenzene	13.734	180	1024405	220.410	ug/L	99

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

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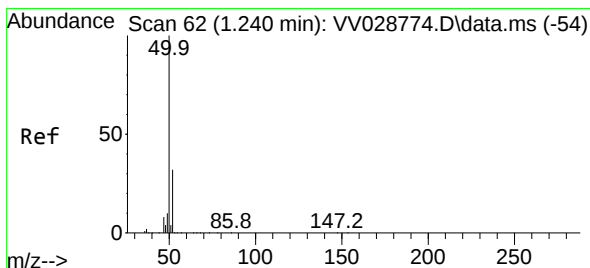
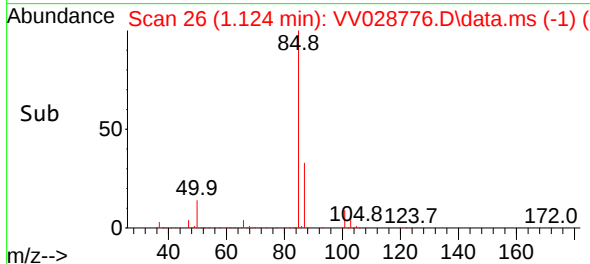
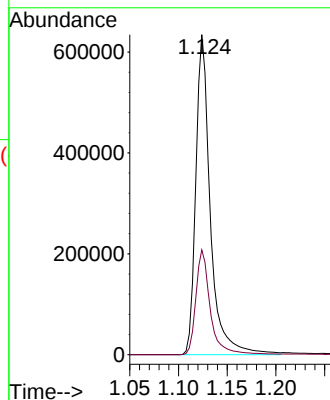
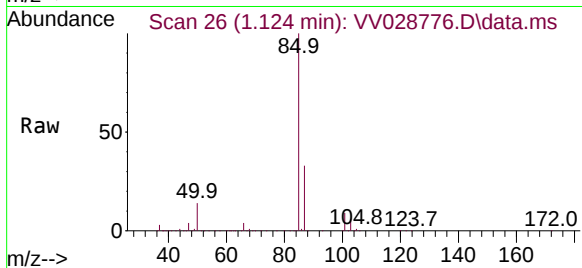




#2
 Dichlorodifluoromethane
 Concen: 196.777 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV028776.D
 Acq: 31 Oct 2022 12:56

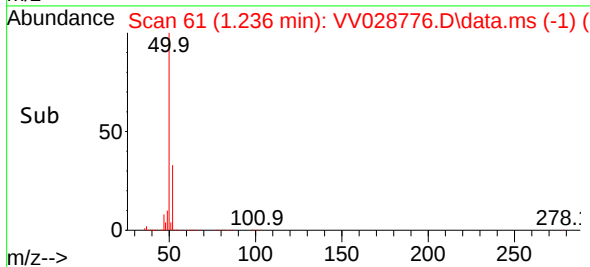
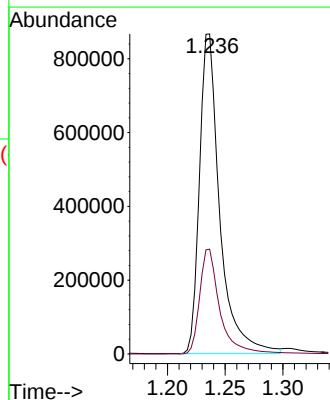
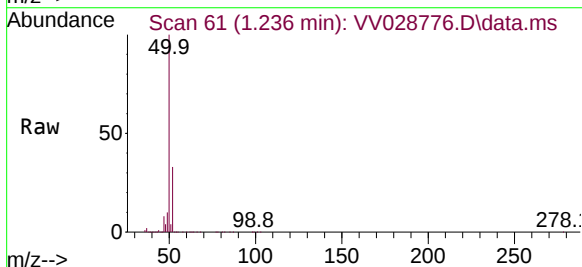
Instrument :
 MSVOA_V
 ClientSampleId :

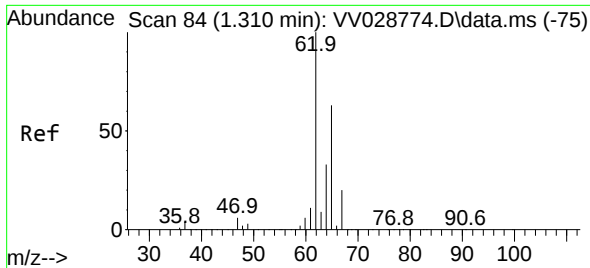
Tgt Ion: 85 Resp: 659554
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.4 38.0



#3
 Chloromethane
 Concen: 256.761 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV028776.D
 Acq: 31 Oct 2022 12:56

Tgt Ion: 50 Resp: 1059629
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.7 42.1

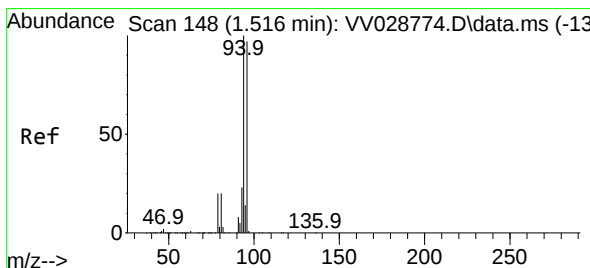
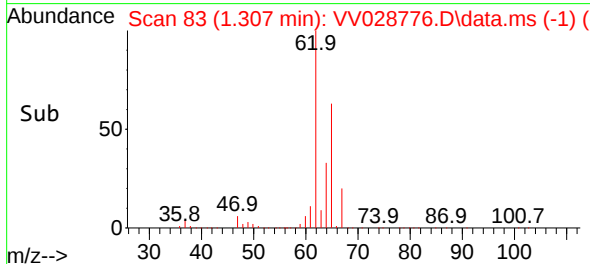
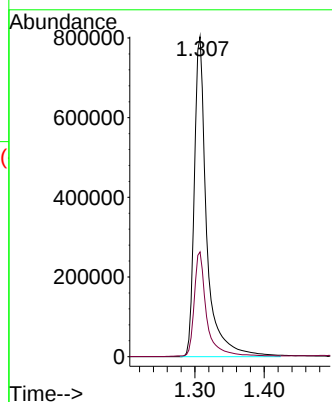
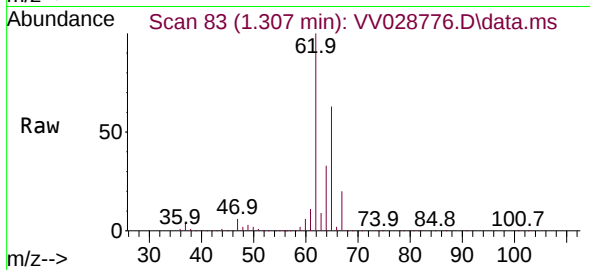




#5
 Vinyl chloride
 Concen: 247.775 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV028776.D
 Acq: 31 Oct 2022 12:56

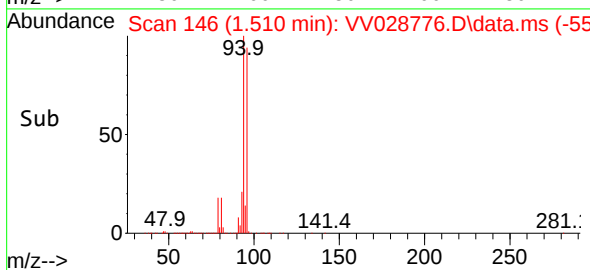
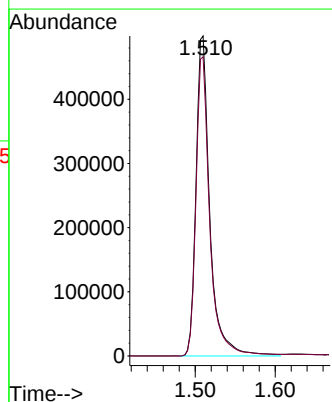
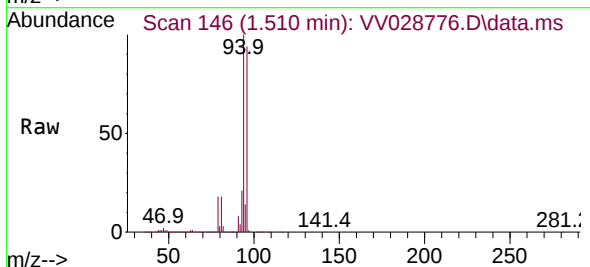
Instrument :
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 ClientSampleId :

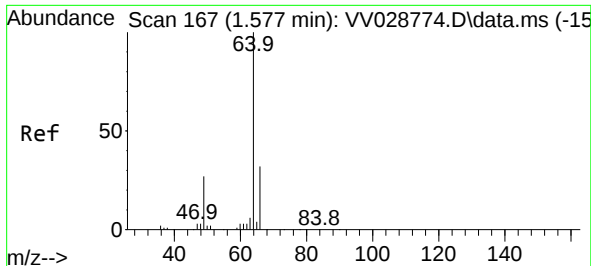
Tgt Ion: 62 Resp: 1002955
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.2 43.0



#6
 Bromomethane
 Concen: 310.193 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. -0.006 min
 Lab File: VV028776.D
 Acq: 31 Oct 2022 12:56

Tgt Ion: 94 Resp: 599500
 Ion Ratio Lower Upper
 94 100
 96 93.5 67.6 125.6

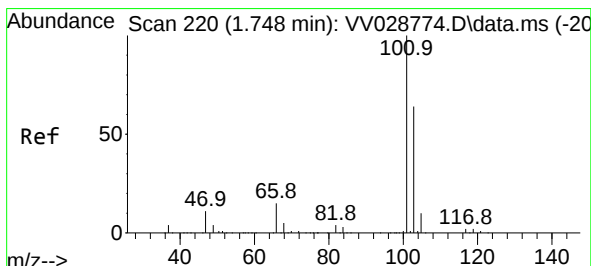
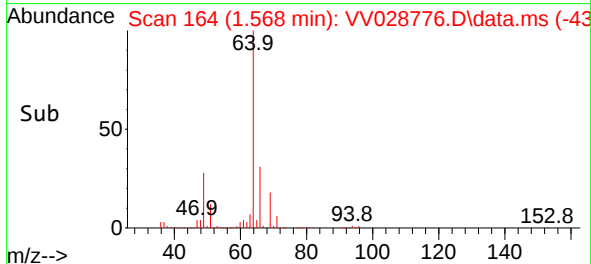
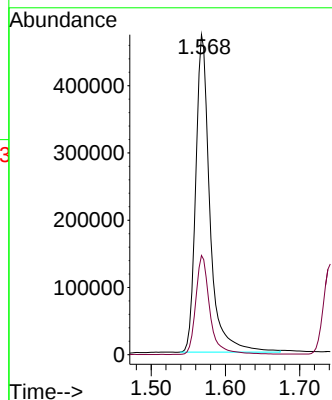
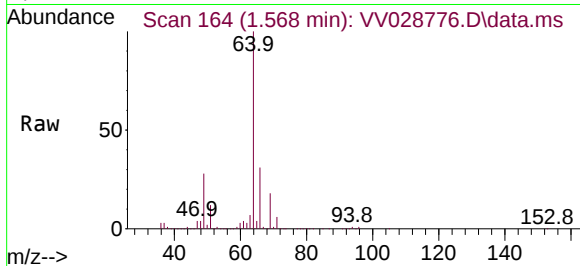




#8
Chloroethane
Concen: 253.567 ug/L
RT: 1.568 min Scan# 1
Delta R.T. -0.010 min
Lab File: VV028776.D
Acq: 31 Oct 2022 12:56

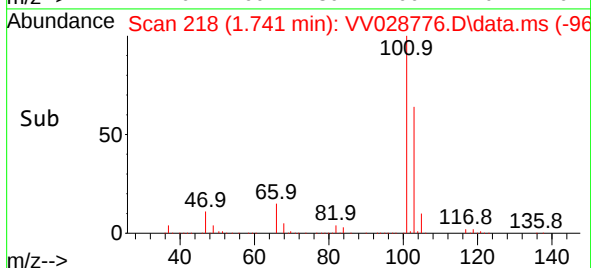
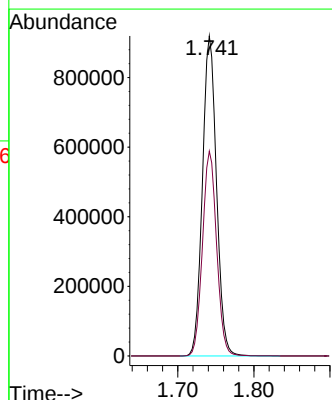
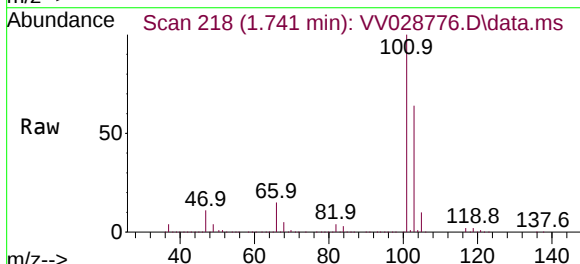
Instrument :
MSVOA_V
ClientSampleId :

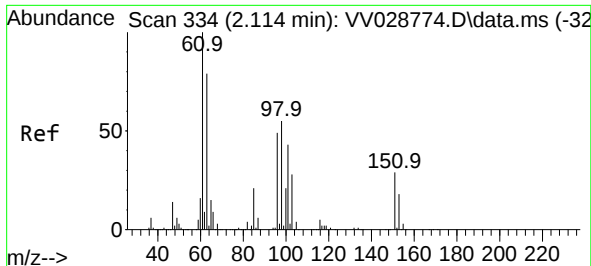
Tgt Ion: 64 Resp: 629719
Ion Ratio Lower Upper
64 100
66 31.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 238.653 ug/L
RT: 1.741 min Scan# 218
Delta R.T. -0.006 min
Lab File: VV028776.D
Acq: 31 Oct 2022 12:56

Tgt Ion:101 Resp: 1179422
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4





#10

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

Concen: 237.558 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.006 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

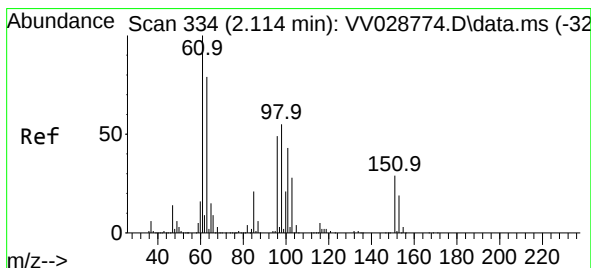
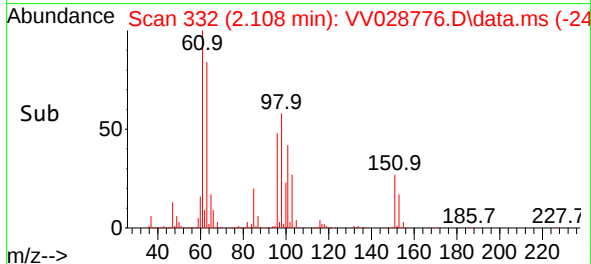
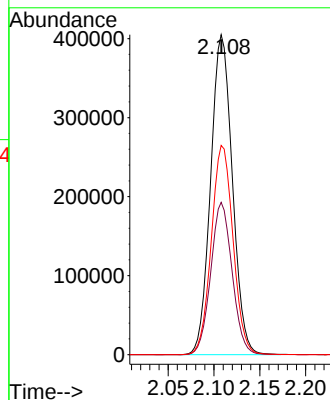
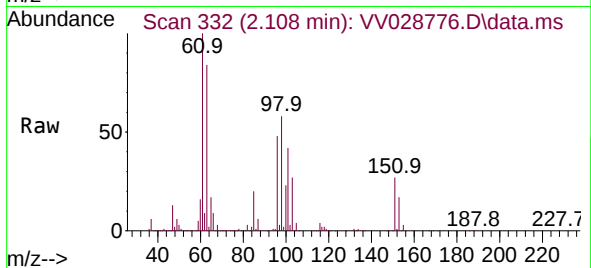
Tgt Ion:101 Resp: 667277

Ion Ratio Lower Upper

101 100

85 46.7 38.0 57.0

151 65.5 52.7 79.1



#12

1,1-Dichloroethene

Concen: 241.770 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.006 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

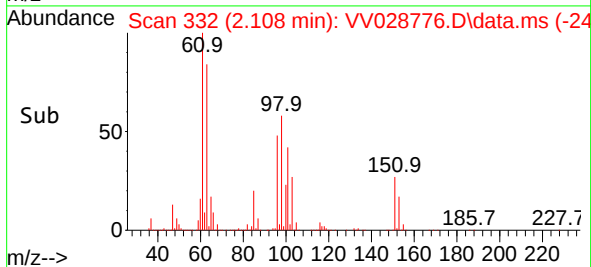
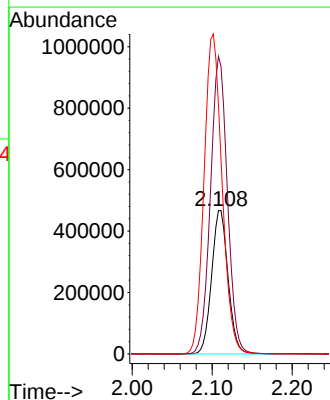
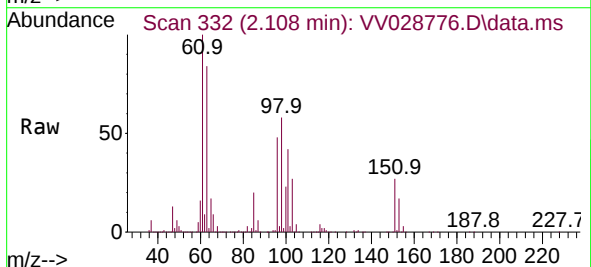
Tgt Ion: 96 Resp: 666536

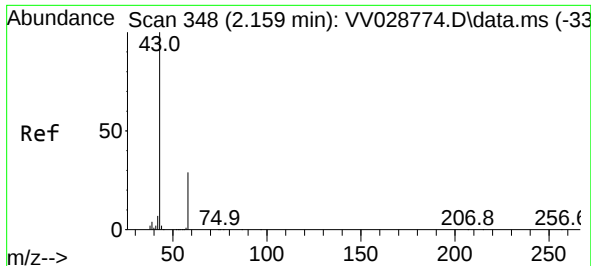
Ion Ratio Lower Upper

96 100

61 207.5 142.7 265.1

63 173.9 112.5 208.9





#13

Acetone

Concen: 397.281 ug/L

RT: 2.153 min Scan# 34

Delta R.T. -0.006 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Instrument :

MSVOA_V

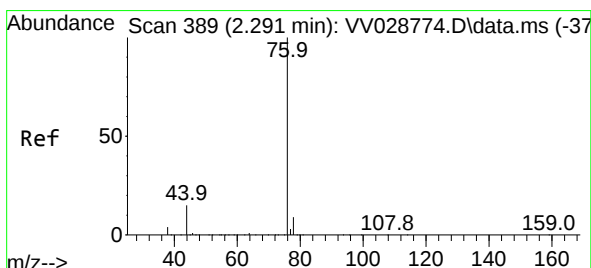
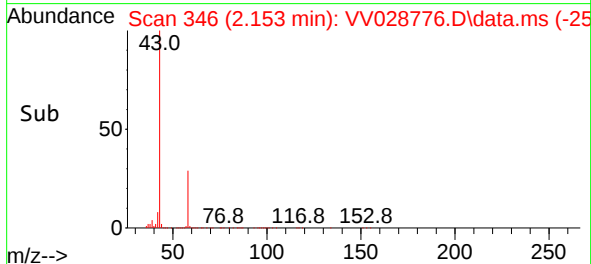
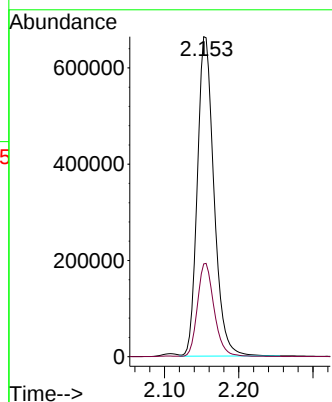
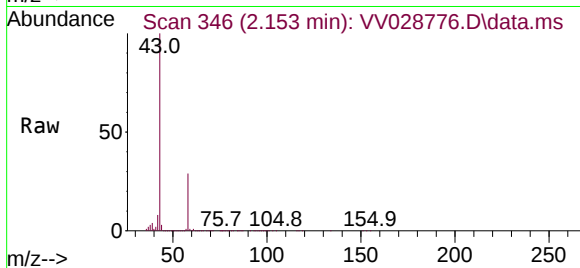
ClientSampleId :

Tgt Ion: 43 Resp: 1034334

Ion Ratio Lower Upper

43 100

58 29.0 0.0 59.0



#14

Carbon disulfide

Concen: 228.588 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.006 min

Lab File: VV028776.D

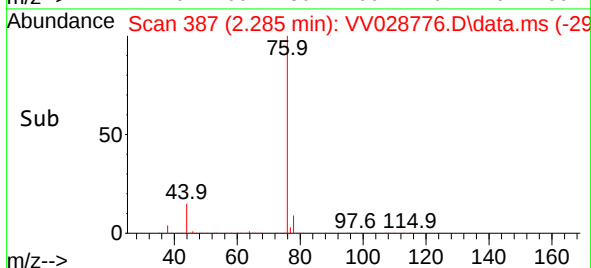
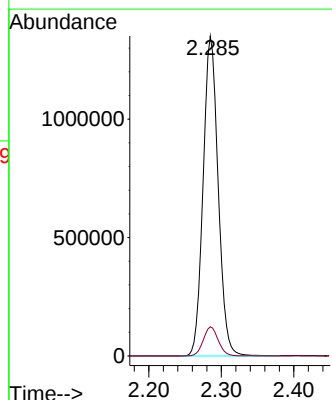
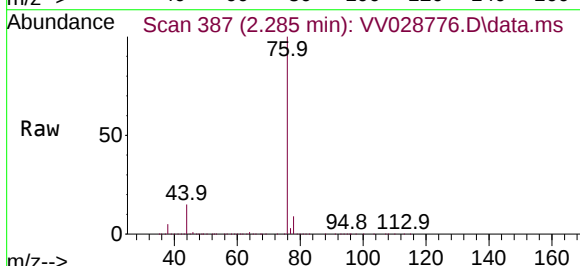
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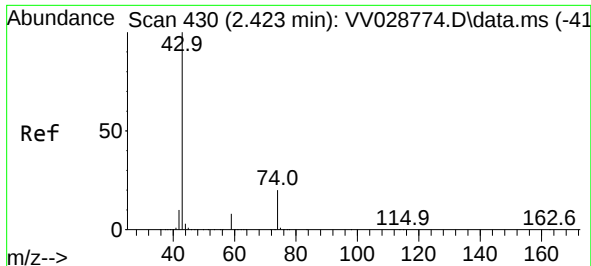
Tgt Ion: 76 Resp: 1946967

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

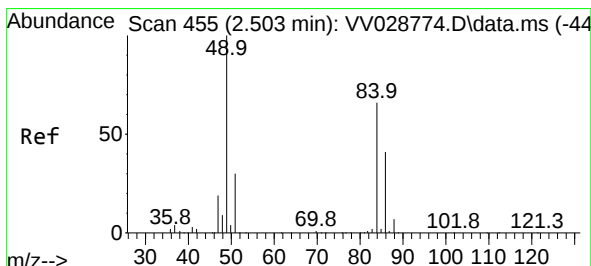
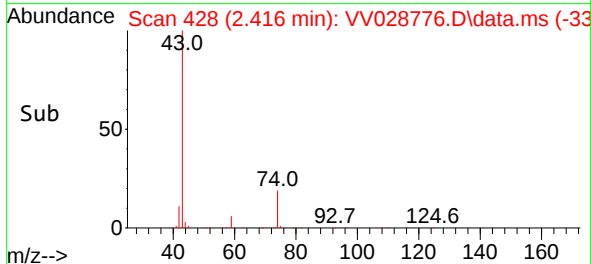
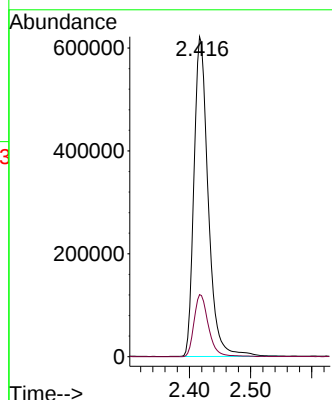
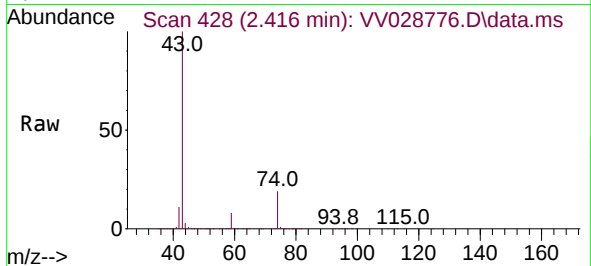




#15
Methyl Acetate
Concen: 236.545 ug/L
RT: 2.416 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV028776.D
Acq: 31 Oct 2022 12:56

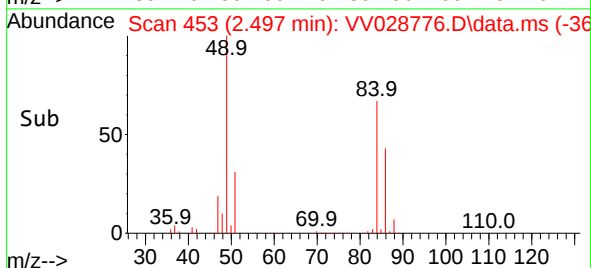
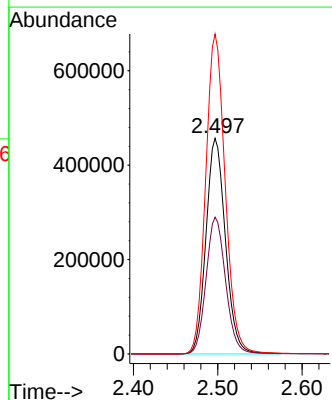
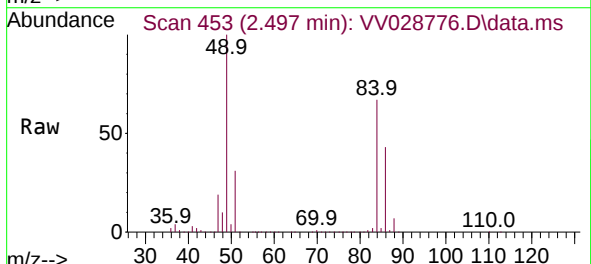
Instrument :
MSVOA_V
ClientSampleId :

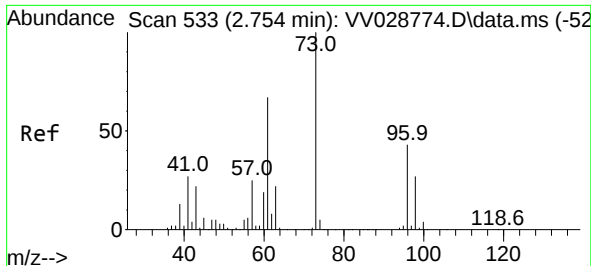
Tgt Ion: 43 Resp: 1005404
Ion Ratio Lower Upper
43 100
74 19.7 15.6 23.4



#16
Methylene chloride
Concen: 210.330 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.006 min
Lab File: VV028776.D
Acq: 31 Oct 2022 12:56

Tgt Ion: 84 Resp: 734895
Ion Ratio Lower Upper
84 100
86 63.4 43.7 81.1
49 148.4 105.3 195.5

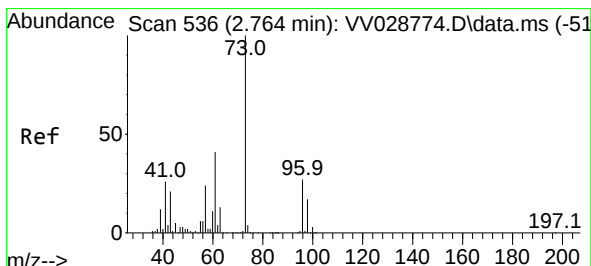
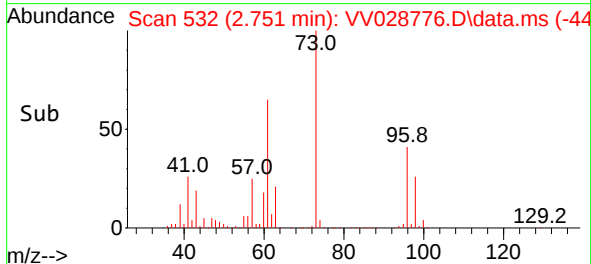
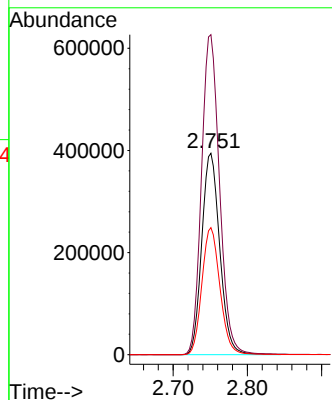
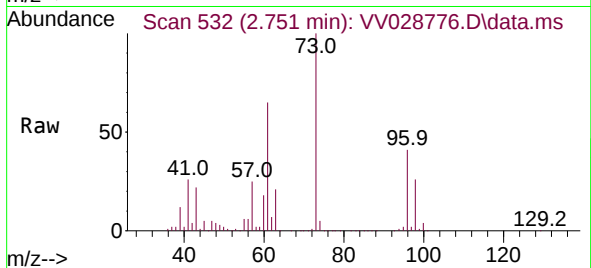




#17
trans-1,2-Dichloroethene
Concen: 214.264 ug/L
RT: 2.751 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV028776.D
Acq: 31 Oct 2022 12:56

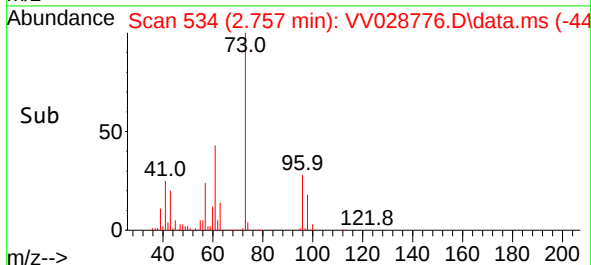
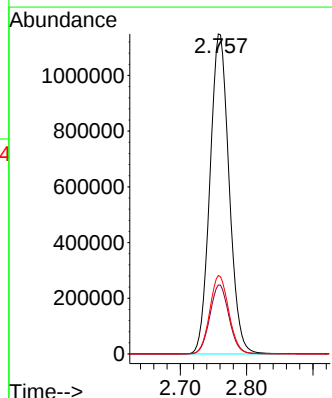
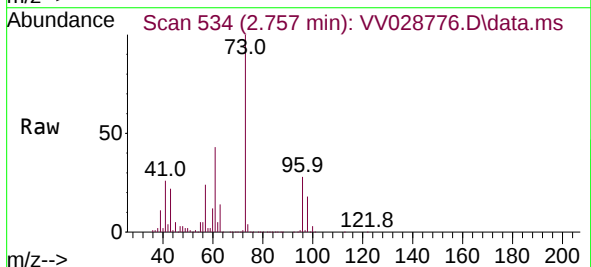
Instrument :
MSVOA_V
ClientSampleId :

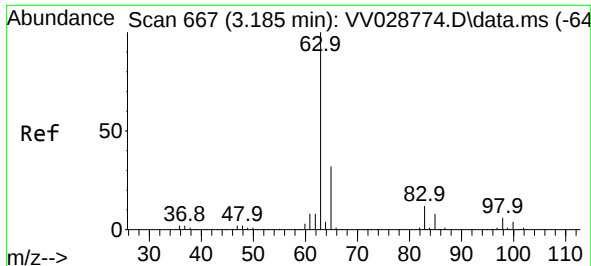
Tgt Ion: 96 Resp: 663726
Ion Ratio Lower Upper
96 100
61 158.8 109.4 203.2
98 63.1 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 205.711 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.006 min
Lab File: VV028776.D
Acq: 31 Oct 2022 12:56

Tgt Ion: 73 Resp: 2304819
Ion Ratio Lower Upper
73 100
43 21.4 17.1 25.7
57 24.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 220.105 ug/L

RT: 3.179 min Scan# 6

Delta R.T. -0.006 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

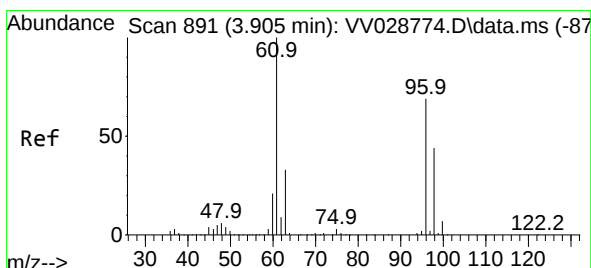
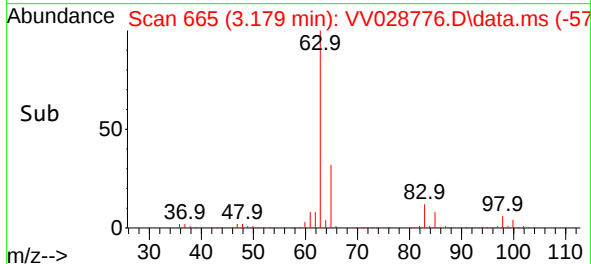
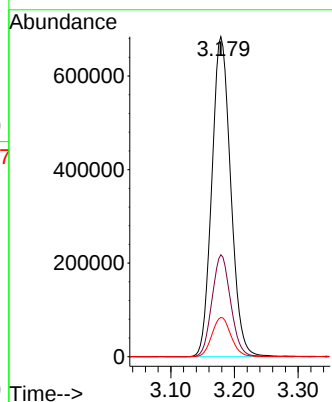
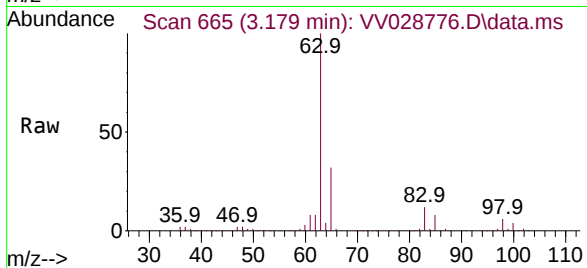
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63 Resp: 1407801

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.5	41.9
83	12.3	8.5	15.9



#20

cis-1,2-Dichloroethene

Concen: 211.658 ug/L

RT: 3.899 min Scan# 889

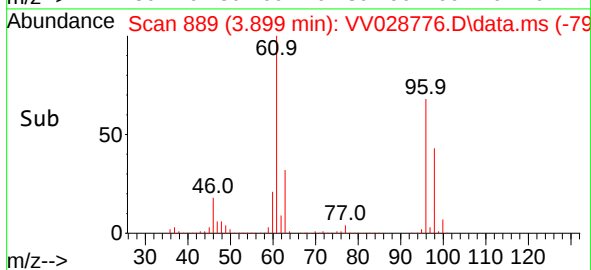
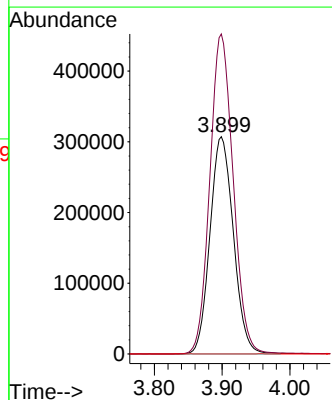
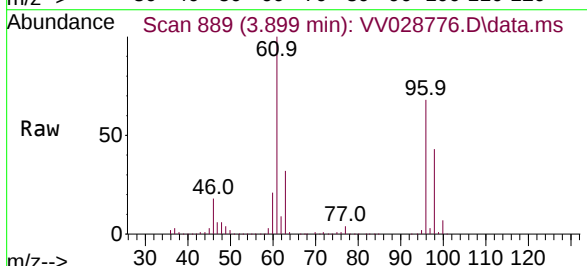
Delta R.T. -0.006 min

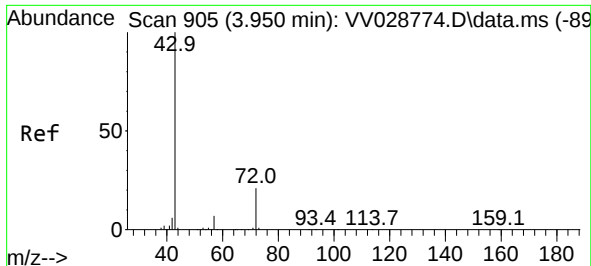
Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Tgt Ion: 96 Resp: 738492

Ion	Ratio	Lower	Upper
96	100		
61	147.3	102.3	190.1
68	0.0	0.1	0.3

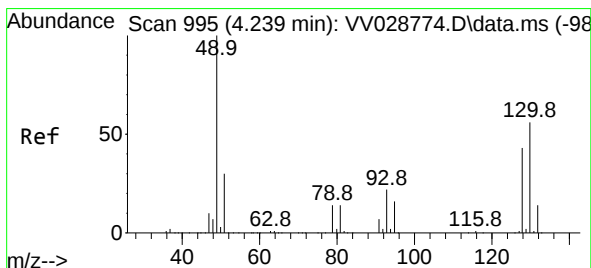
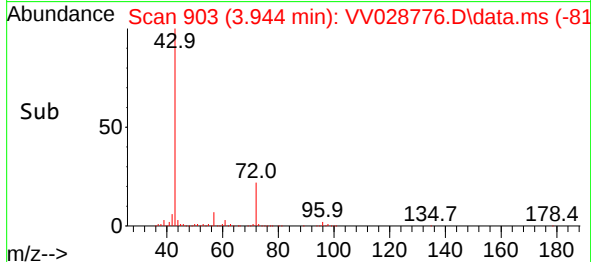
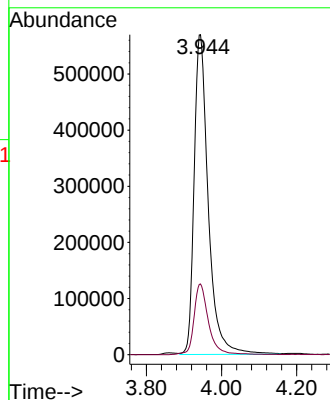
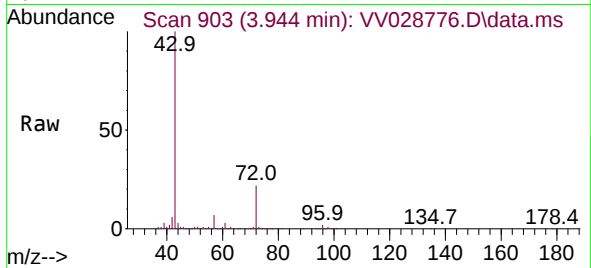




#22
2-Butanone
Concen: 455.259 ug/L
RT: 3.944 min Scan# 905
Delta R.T. -0.006 min
Lab File: VV028776.D
Acq: 31 Oct 2022 12:56

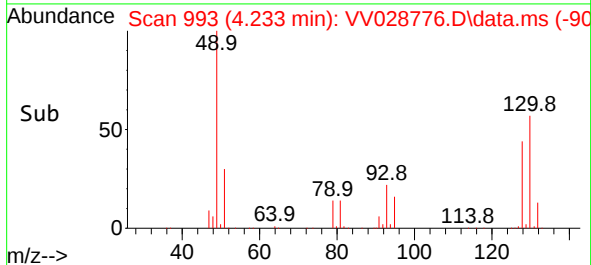
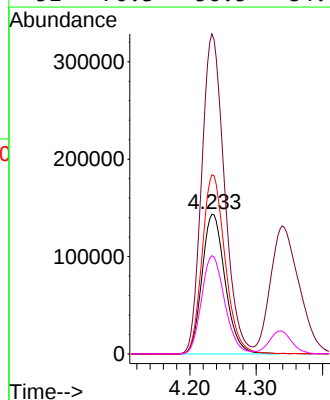
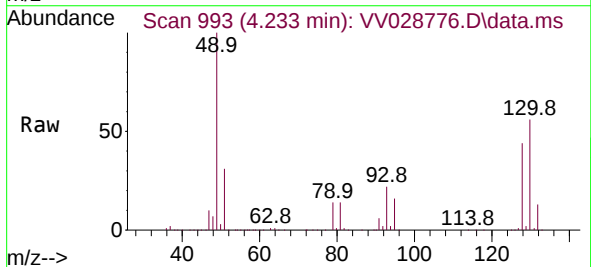
Instrument :
MSVOA_V
ClientSampleId :

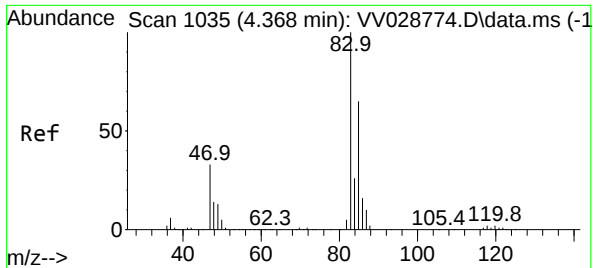
Tgt Ion: 43 Resp: 1487276
Ion Ratio Lower Upper
43 100
72 22.4 10.0 30.0



#23
Bromochloromethane
Concen: 205.781 ug/L
RT: 4.233 min Scan# 993
Delta R.T. -0.006 min
Lab File: VV028776.D
Acq: 31 Oct 2022 12:56

Tgt Ion:128 Resp: 346948
Ion Ratio Lower Upper
128 100
49 229.2 161.8 300.6
130 128.4 89.9 166.9
51 70.3 56.5 84.7

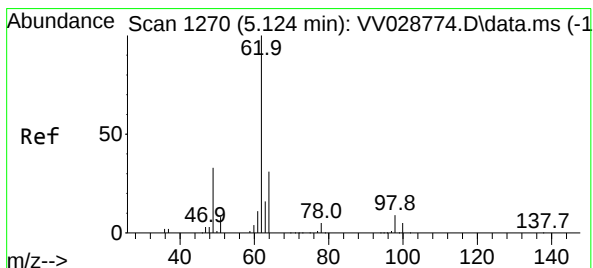
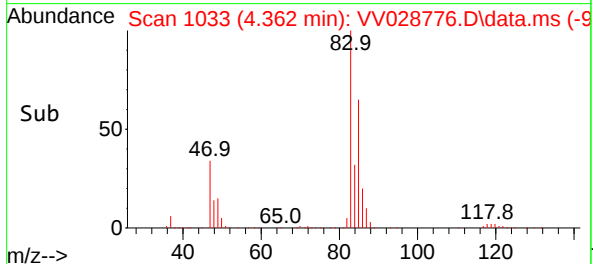
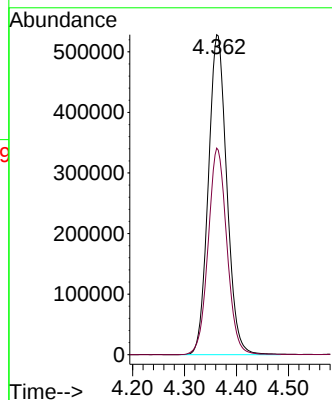
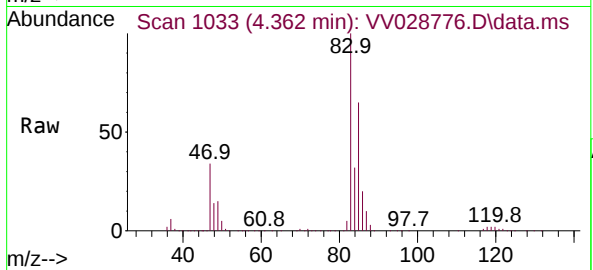




#25
Chloroform
Concen: 211.814 ug/L
RT: 4.362 min Scan# 110
Delta R.T. -0.006 min
Lab File: VV028776.D
Acq: 31 Oct 2022 12:56

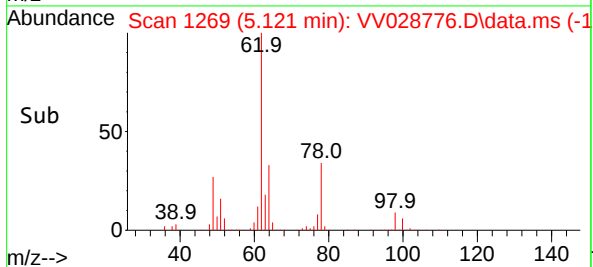
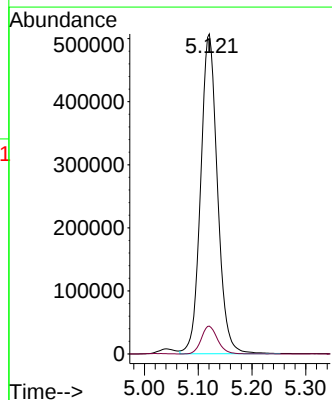
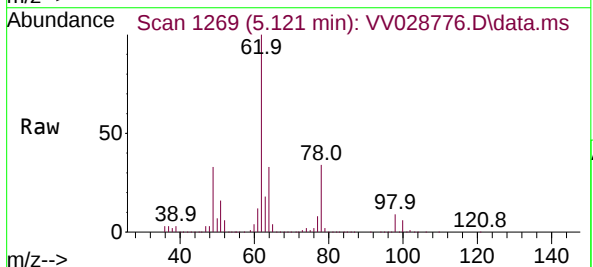
Instrument :
MSVOA_V
ClientSampleId :

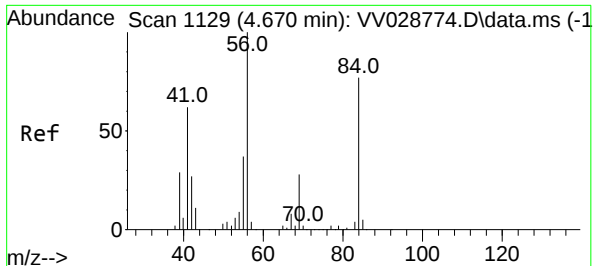
Tgt Ion: 83 Resp: 1305221
Ion Ratio Lower Upper
83 100
85 64.6 45.3 84.1



#27
1,2-Dichloroethane
Concen: 229.571 ug/L
RT: 5.121 min Scan# 1269
Delta R.T. -0.003 min
Lab File: VV028776.D
Acq: 31 Oct 2022 12:56

Tgt Ion: 62 Resp: 1100854
Ion Ratio Lower Upper
62 100
98 8.7 6.9 10.3





#29

Cyclohexane

Concen: 218.290 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.003 min

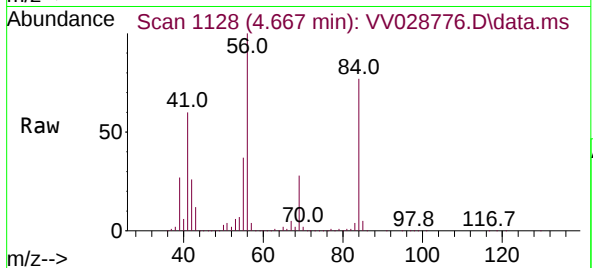
Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :



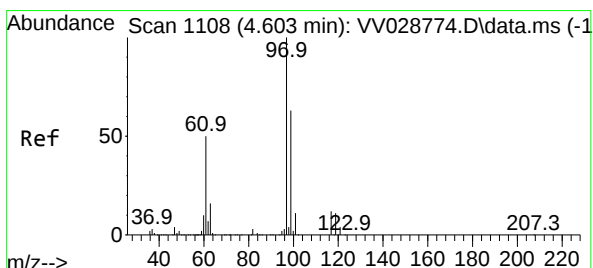
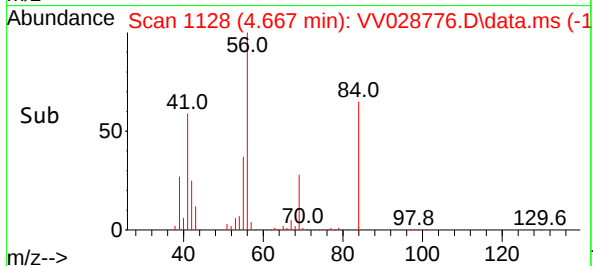
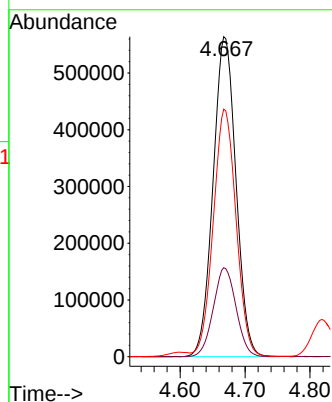
Tgt Ion: 56 Resp: 1379776

Ion Ratio Lower Upper

56 100

69 27.6 22.2 33.2

84 76.9 62.3 93.5



#30

1,1,1-Trichloroethane

Concen: 196.252 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

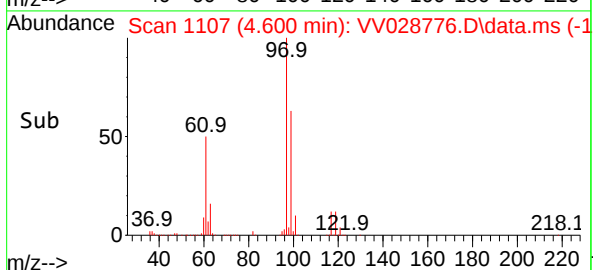
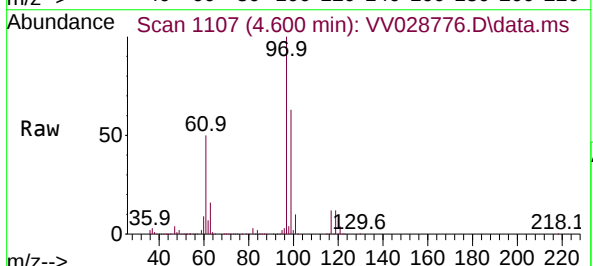
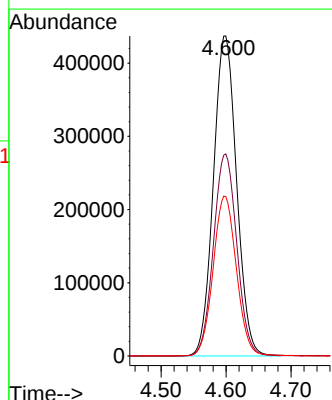
Tgt Ion: 97 Resp: 1083021

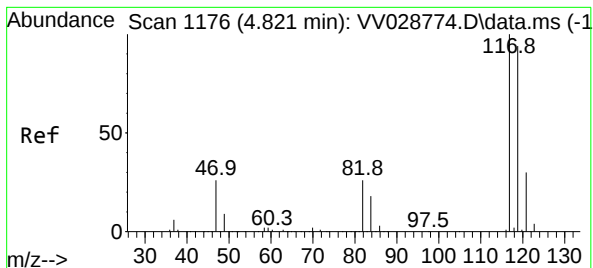
Ion Ratio Lower Upper

97 100

99 63.6 50.2 75.4

61 50.2 40.2 60.4





#31

Carbon tetrachloride

Concen: 193.013 ug/L

RT: 4.818 min Scan# 1175

Delta R.T. -0.003 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Instrument :

MSVOA_V

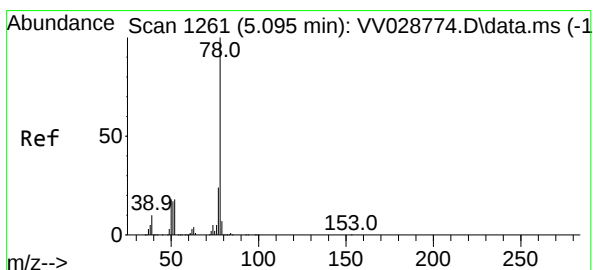
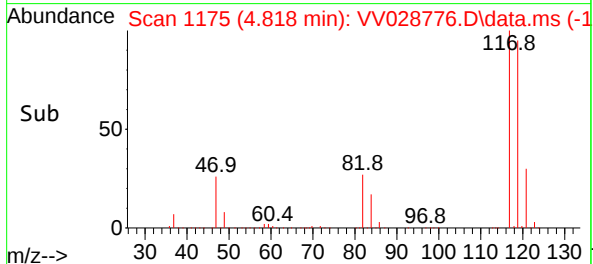
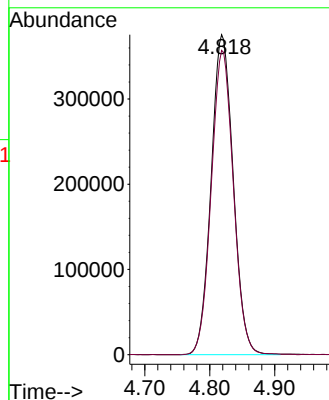
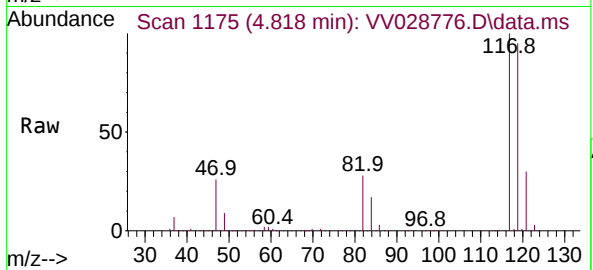
ClientSampleId :

Tgt Ion:117 Resp: 885793

Ion Ratio Lower Upper

117 100

119 95.2 76.1 114.1



#33

Benzene

Concen: 208.004 ug/L

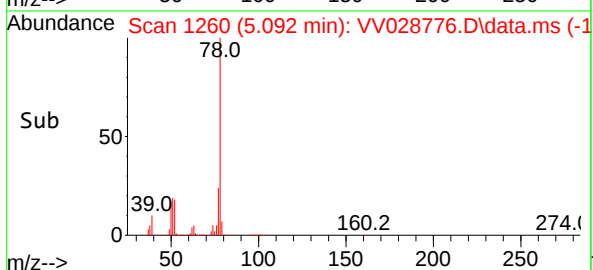
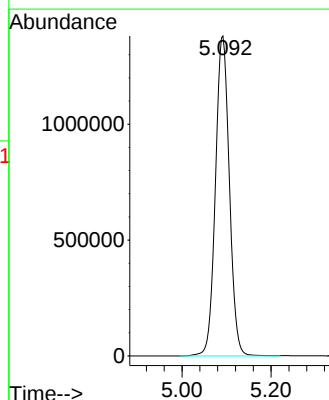
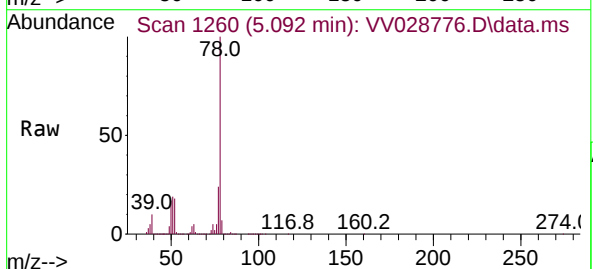
RT: 5.092 min Scan# 1260

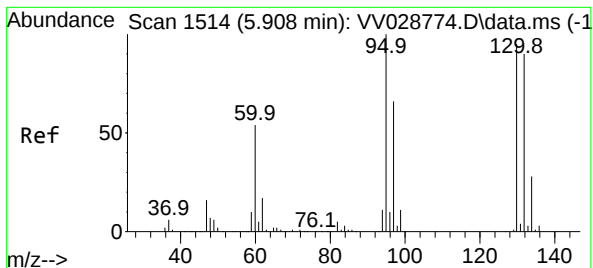
Delta R.T. -0.003 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Tgt Ion: 78 Resp: 2992743





#34

Trichloroethene

Concen: 201.293 ug/L

RT: 5.905 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 706656

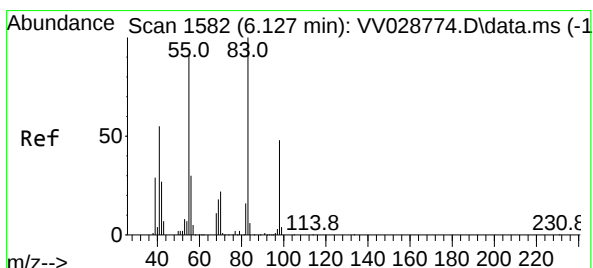
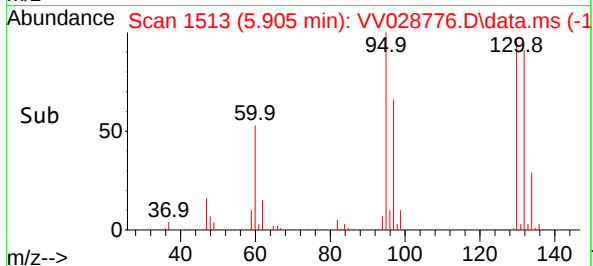
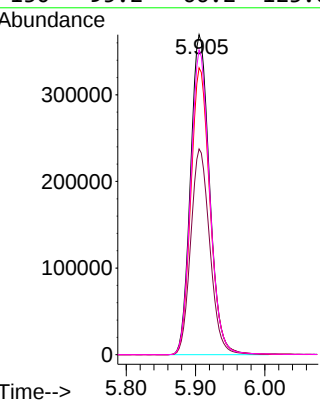
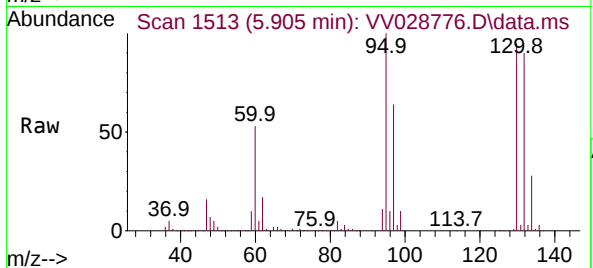
Ion Ratio Lower Upper

95 100

97 64.3 46.2 85.8

132 89.7 63.2 117.4

130 95.2 66.2 123.0



#35

Methylcyclohexane

Concen: 206.515 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.003 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

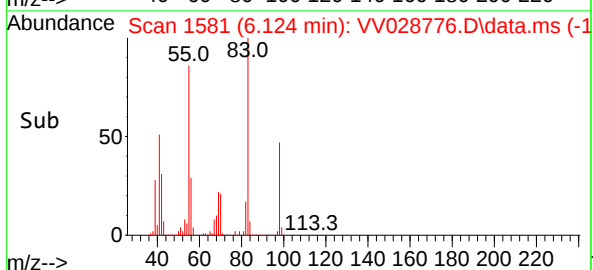
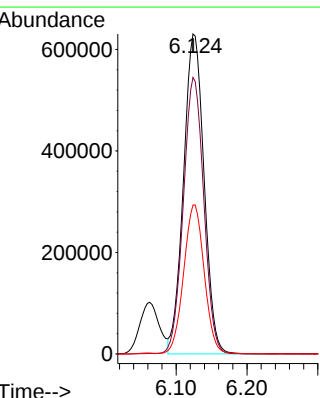
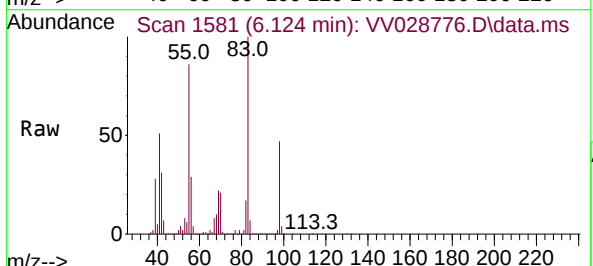
Tgt Ion: 83 Resp: 1271678

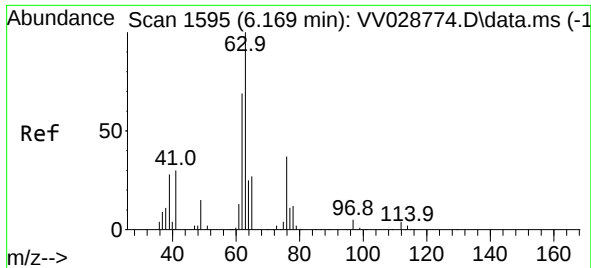
Ion Ratio Lower Upper

83 100

55 85.8 69.4 104.2

98 46.6 37.0 55.4





#37

1,2-Dichloropropane

Concen: 218.464 ug/L

RT: 6.166 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Instrument :

MSVOA_V

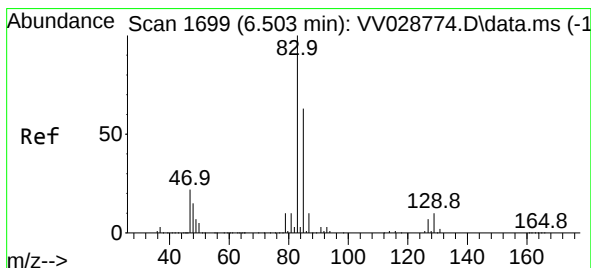
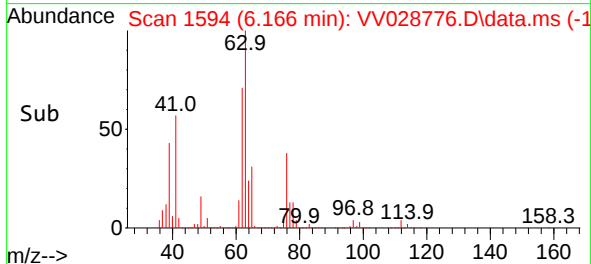
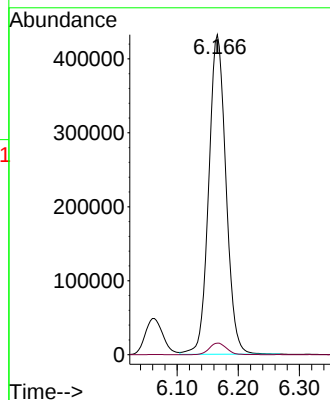
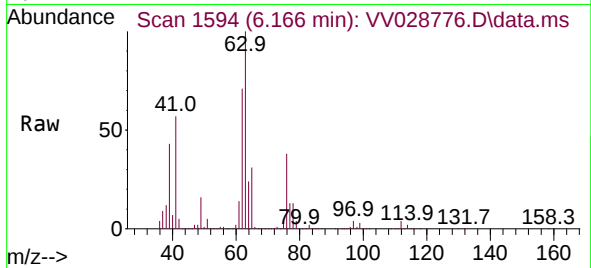
ClientSampleId :

Tgt Ion: 63 Resp: 844821

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.6



#38

Bromodichloromethane

Concen: 202.071 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

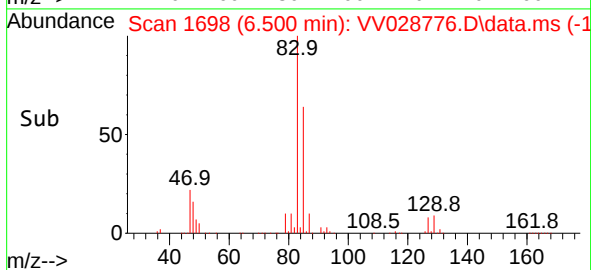
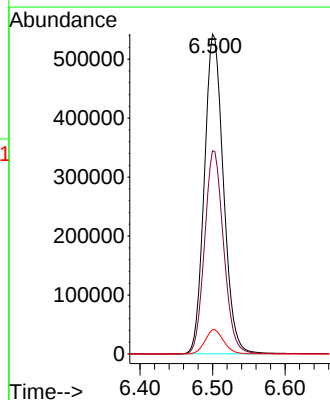
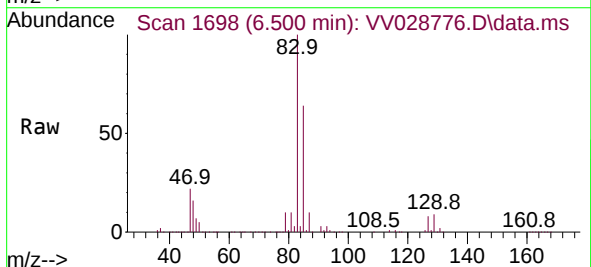
Tgt Ion: 83 Resp: 992858

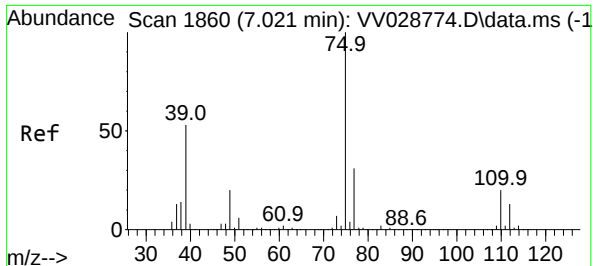
Ion Ratio Lower Upper

83 100

85 63.5 44.3 82.3

127 7.6 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 213.340 ug/L

RT: 7.018 min Scan# 1859

Delta R.T. -0.003 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Instrument :

MSVOA_V

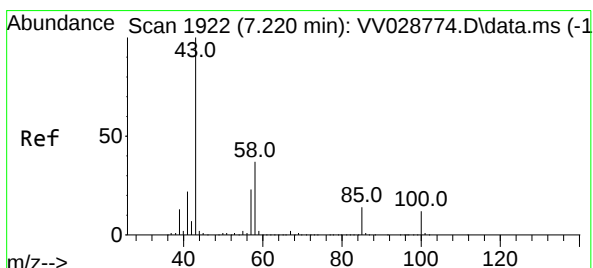
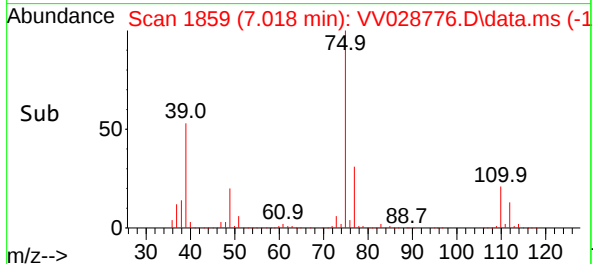
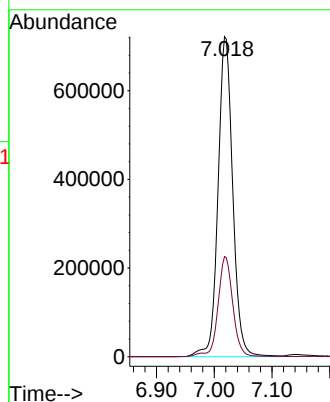
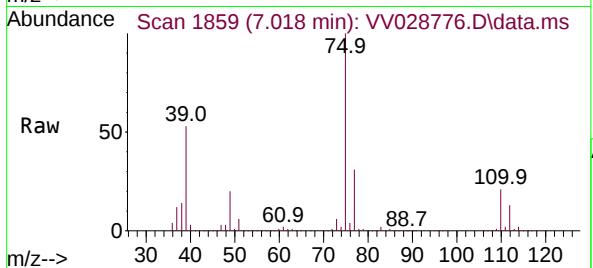
ClientSampleId :

Tgt Ion: 75 Resp: 1277628

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 430.854 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. 0.000 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

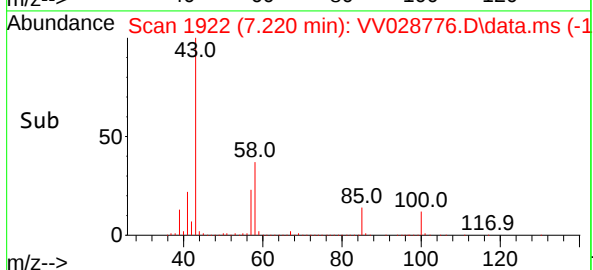
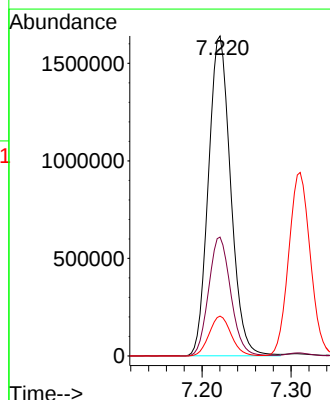
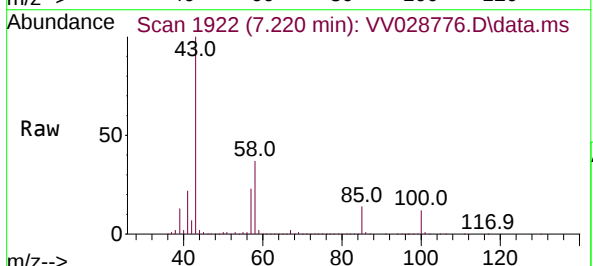
Tgt Ion: 43 Resp: 2843516

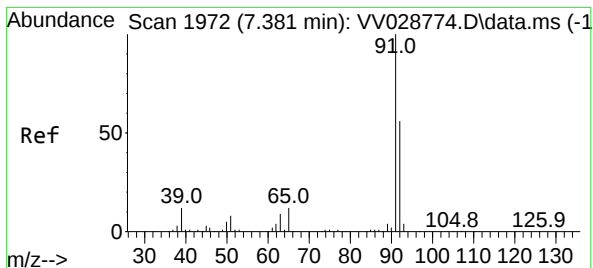
Ion Ratio Lower Upper

43 100

58 37.0 29.1 43.7

100 12.4 9.5 14.3





#42

Toluene

Concen: 211.129 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Instrument :

MSVOA_V

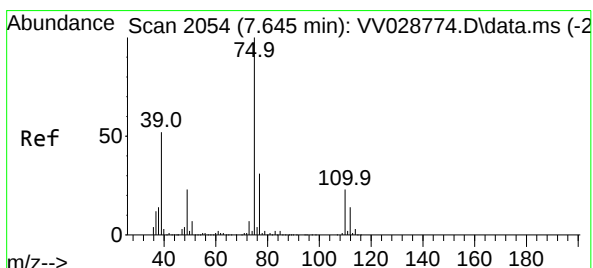
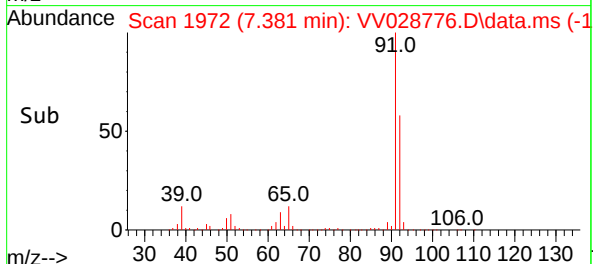
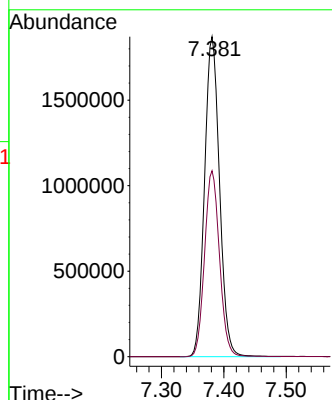
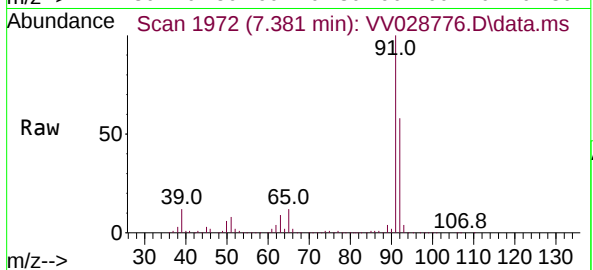
ClientSampleId :

Tgt Ion: 91 Resp: 3121346

Ion Ratio Lower Upper

91 100

92 58.1 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 212.265 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.003 min

Lab File: VV028776.D

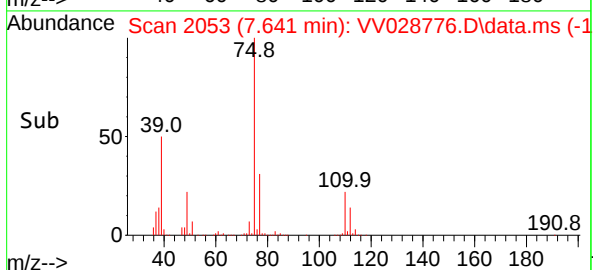
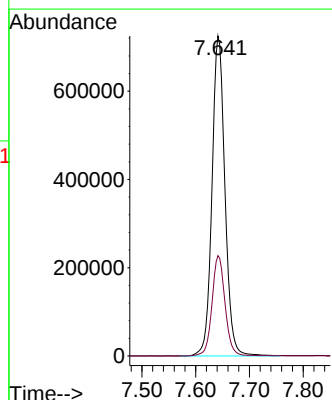
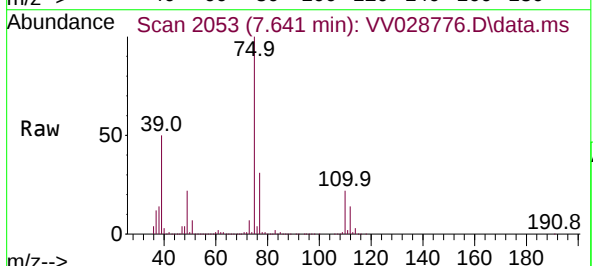
Acq: 31 Oct 2022 12:56

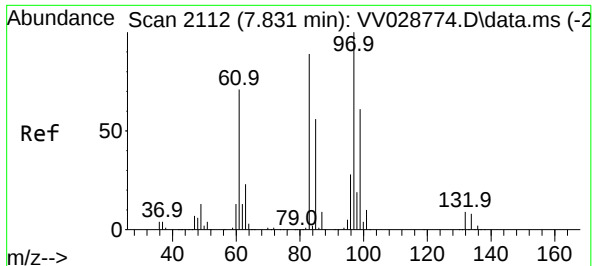
Tgt Ion: 75 Resp: 1214035

Ion Ratio Lower Upper

75 100

77 31.3 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 200.071 ug/L

RT: 7.831 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 706647

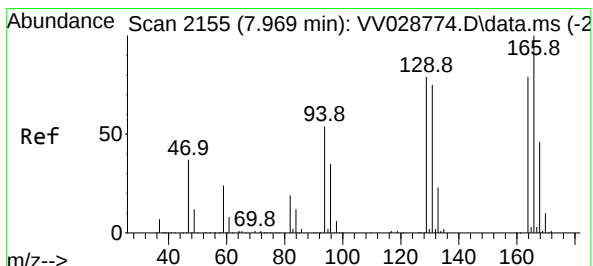
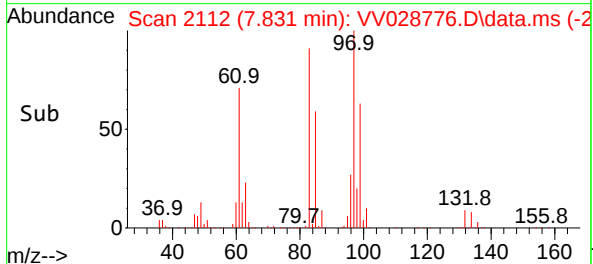
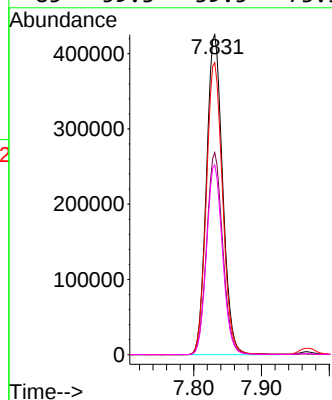
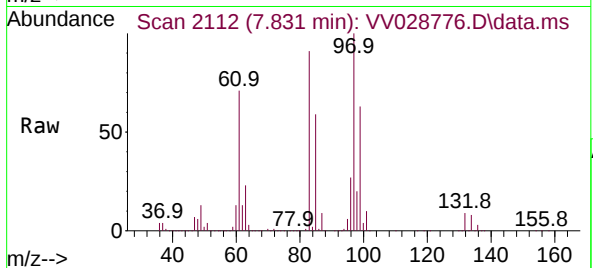
Ion Ratio Lower Upper

97 100

99 63.2 42.9 79.7

83 91.2 62.7 116.5

85 59.3 39.5 73.3



#46

Tetrachloroethene

Concen: 198.846 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Tgt Ion:164 Resp: 499412

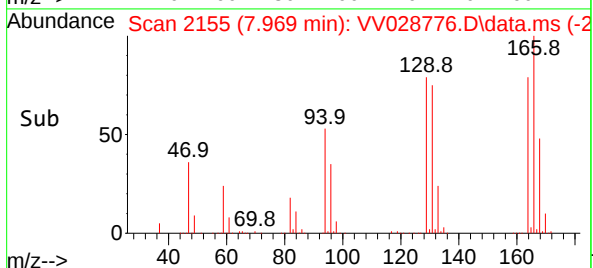
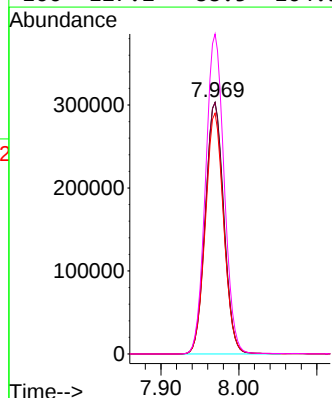
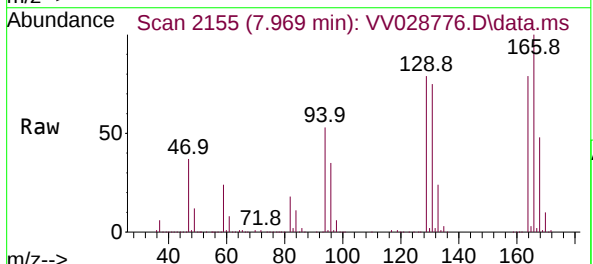
Ion Ratio Lower Upper

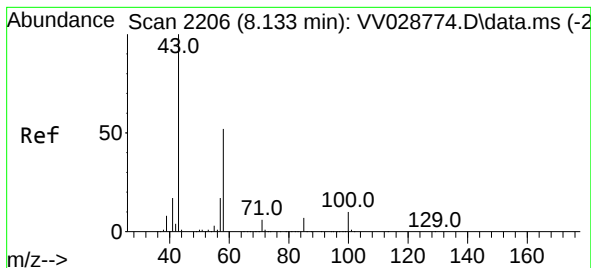
164 100

129 99.9 69.5 129.1

131 95.7 66.4 123.2

166 127.2 88.5 164.3





#48

2-Hexanone

Concen: 435.836 ug/L

RT: 8.133 min Scan# 2206

Delta R.T. 0.000 min

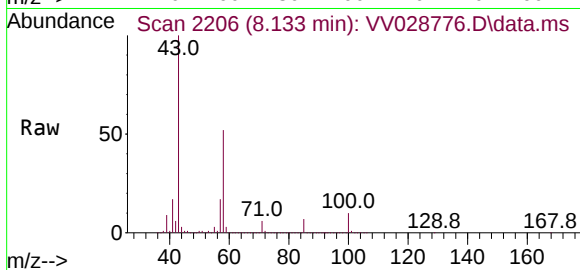
Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Instrument :

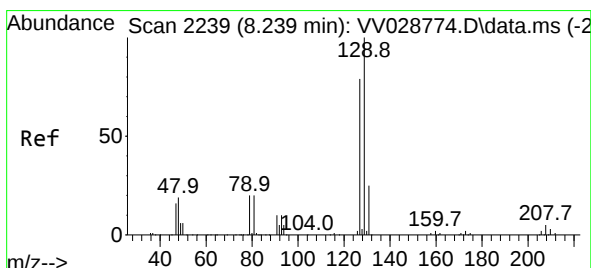
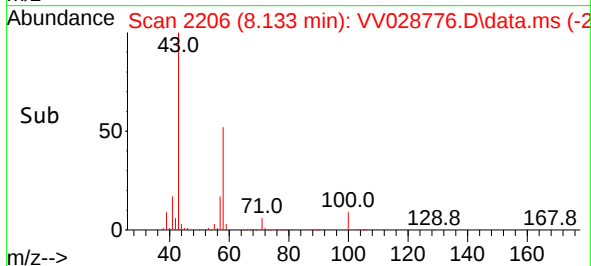
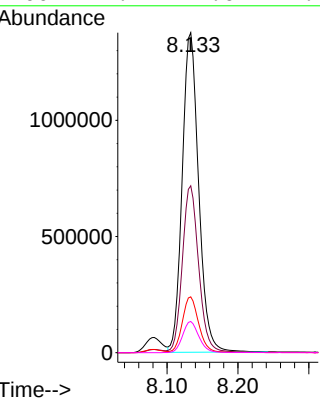
MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 2218235

Ion	Ratio	Lower	Upper
43	100		
58	51.8	41.4	62.0
57	17.3	13.8	20.6
100	9.7	7.6	11.4



#49

Dibromochloromethane

Concen: 195.635 ug/L

RT: 8.239 min Scan# 2239

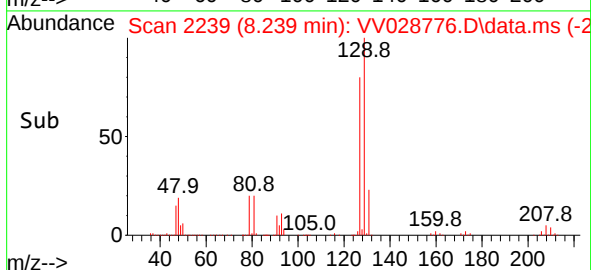
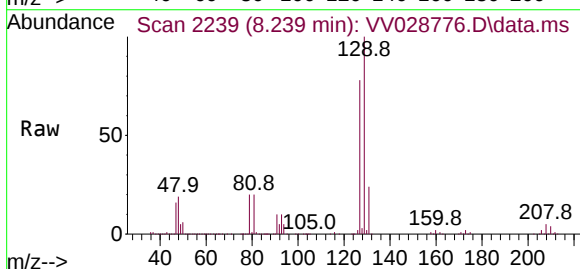
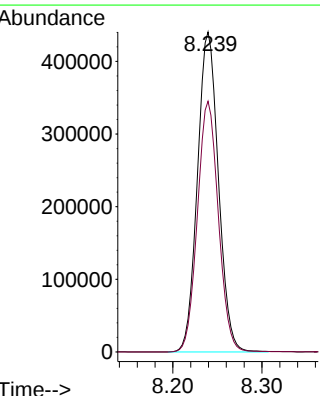
Delta R.T. 0.000 min

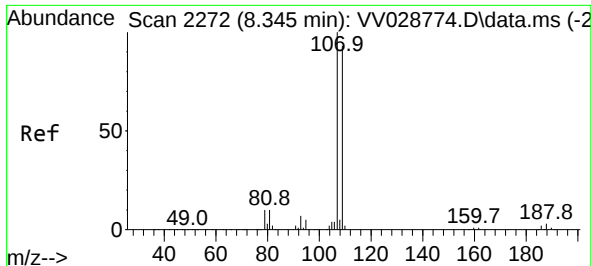
Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Tgt Ion:129 Resp: 720331

Ion	Ratio	Lower	Upper
129	100		
127	78.4	55.3	102.7

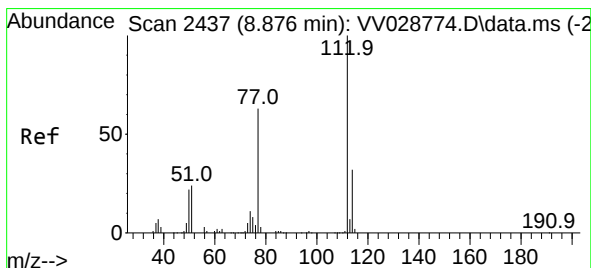
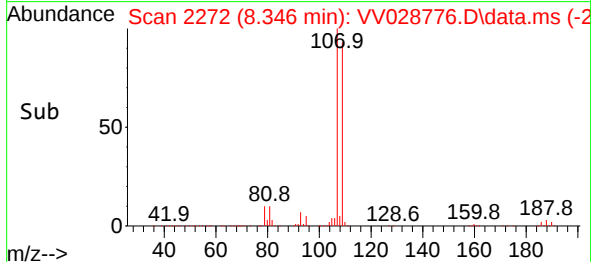
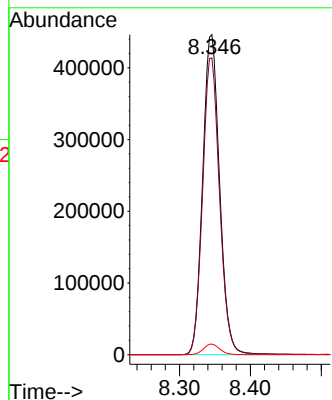
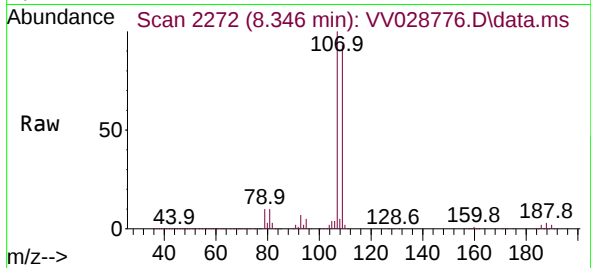




#50
1,2-Dibromoethane
Concen: 203.915 ug/L
RT: 8.346 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028776.D
Acq: 31 Oct 2022 12:56

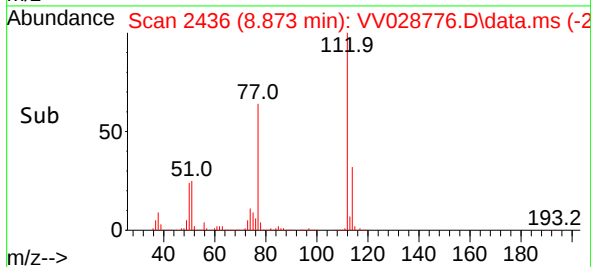
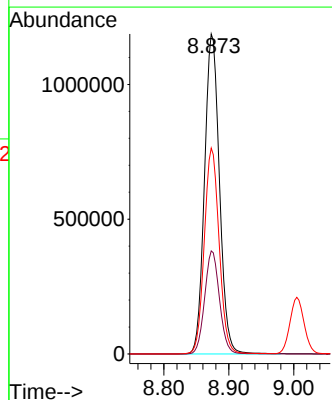
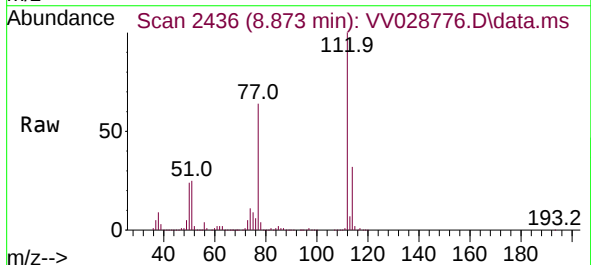
Instrument :
MSVOA_V
ClientSampleId :

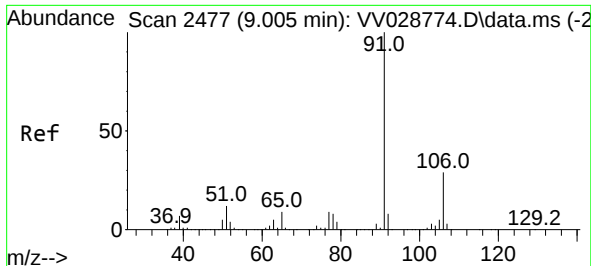
Tgt Ion:107 Resp: 740643
Ion Ratio Lower Upper
107 100
109 92.8 65.2 121.0
188 3.3 2.6 4.0



#51
Chlorobenzene
Concen: 206.990 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. -0.003 min
Lab File: VV028776.D
Acq: 31 Oct 2022 12:56

Tgt Ion:112 Resp: 1904209
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.5
77 64.4 50.6 75.8





#52

Ethylbenzene

Concen: 215.612 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. 0.000 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Instrument :

MSVOA_V

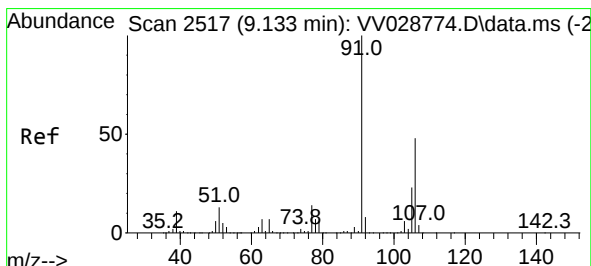
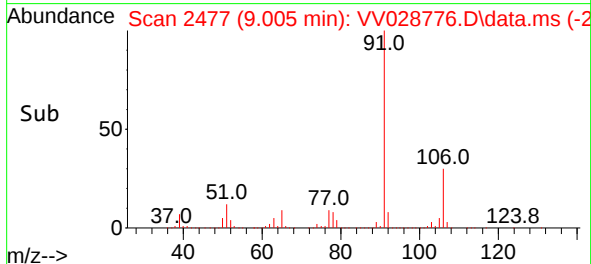
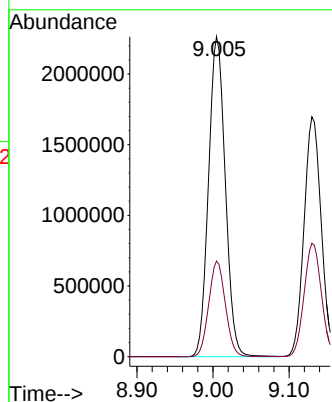
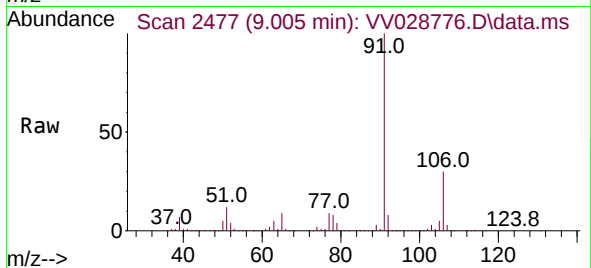
ClientSampleId :

Tgt Ion: 91 Resp: 3468862

Ion Ratio Lower Upper

91 100

106 29.9 20.4 38.0



#53

m,p-Xylene

Concen: 210.322 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.003 min

Lab File: VV028776.D

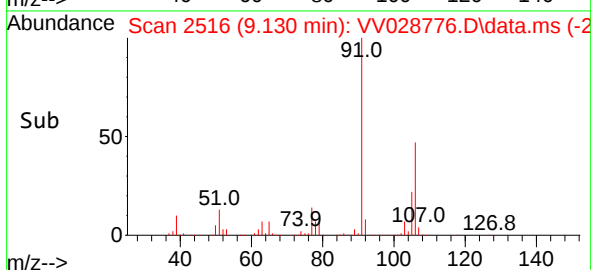
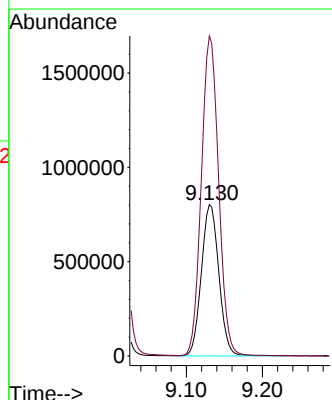
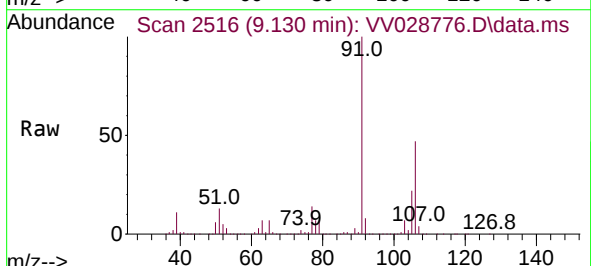
Acq: 31 Oct 2022 12:56

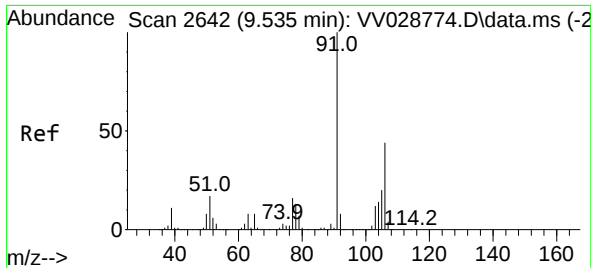
Tgt Ion:106 Resp: 1274458

Ion Ratio Lower Upper

106 100

91 211.4 146.2 271.6

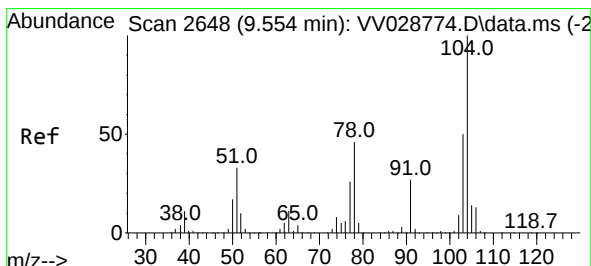
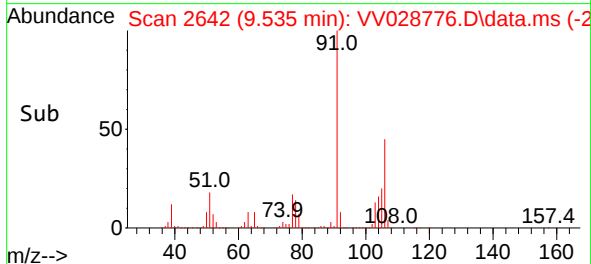
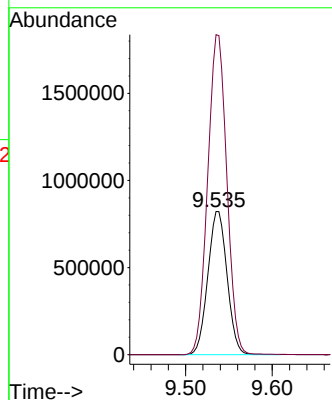
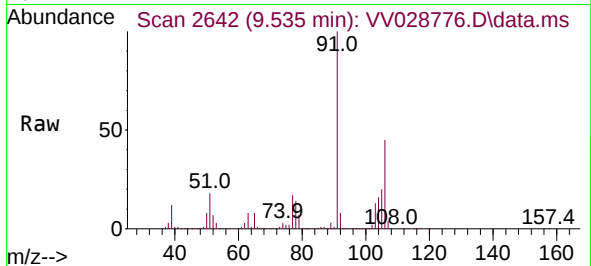




#54
o-Xylene
Concen: 209.239 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV028776.D
Acq: 31 Oct 2022 12:56

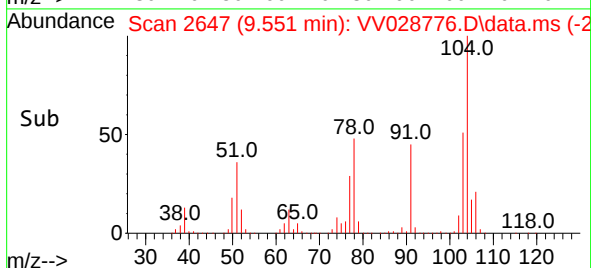
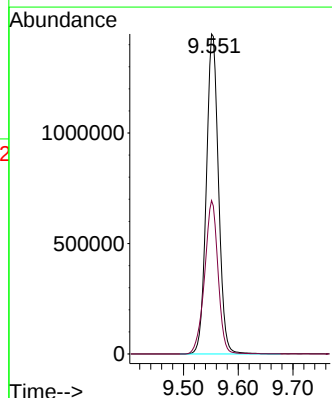
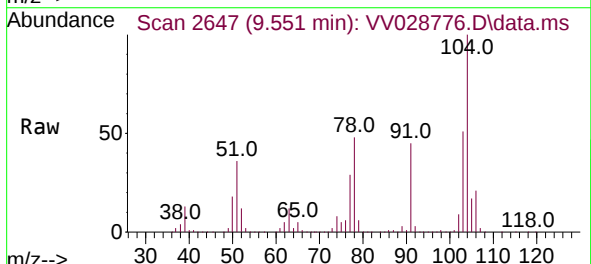
Instrument :
MSVOA_V
ClientSampleId :

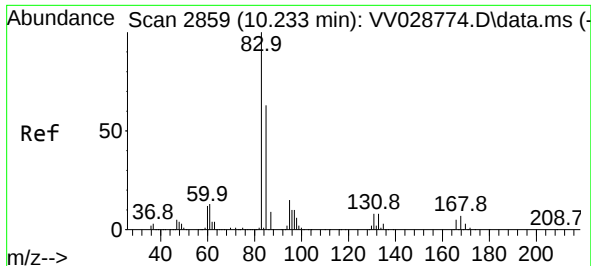
Tgt Ion:106 Resp: 1266272
Ion Ratio Lower Upper
106 100
91 223.5 158.1 293.7



#55
Styrene
Concen: 215.213 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.003 min
Lab File: VV028776.D
Acq: 31 Oct 2022 12:56

Tgt Ion:104 Resp: 2238122
Ion Ratio Lower Upper
104 100
78 47.9 31.9 59.3

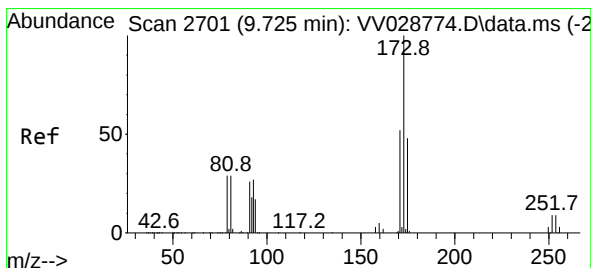
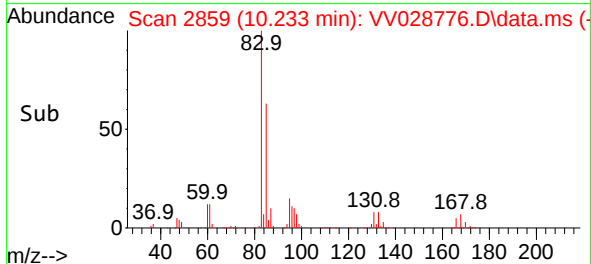
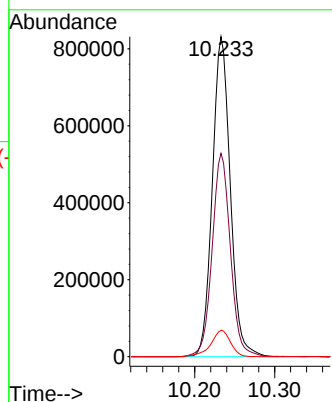
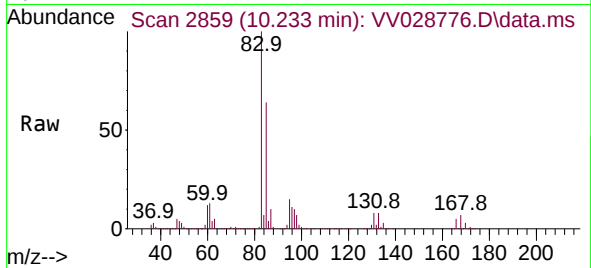




#57
1,1,2,2-Tetrachloroethane
Concen: 211.365 ug/L
RT: 10.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028776.D
Acq: 31 Oct 2022 12:56

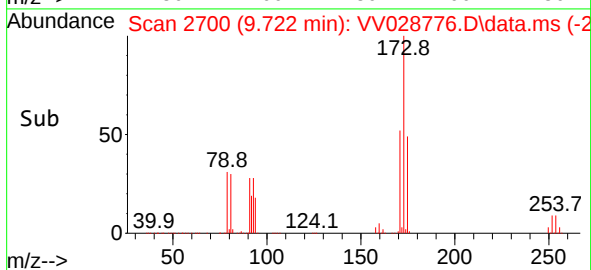
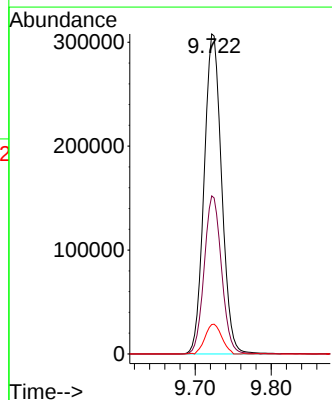
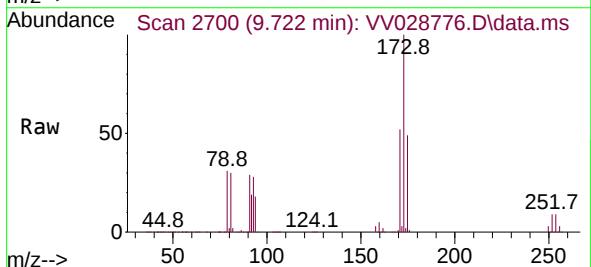
Instrument :
MSVOA_V
ClientSampleId :

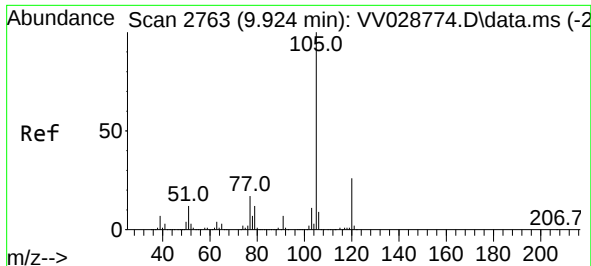
Tgt Ion: 83 Resp: 1294572
Ion Ratio Lower Upper
83 100
85 63.6 44.4 82.4
131 8.2 6.5 9.7



#59
Bromoform
Concen: 181.634 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV028776.D
Acq: 31 Oct 2022 12:56

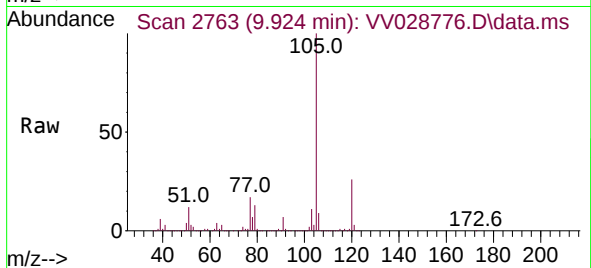
Tgt Ion: 173 Resp: 492916
Ion Ratio Lower Upper
173 100
175 48.7 38.7 58.1
254 8.9 7.2 10.8



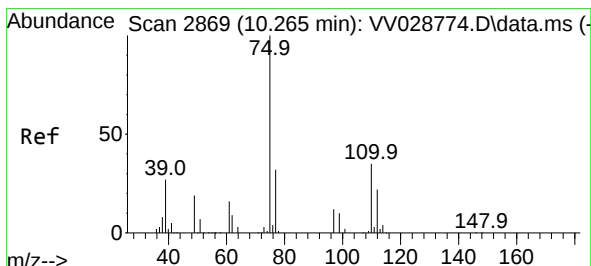
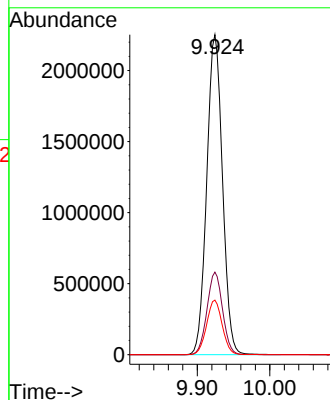
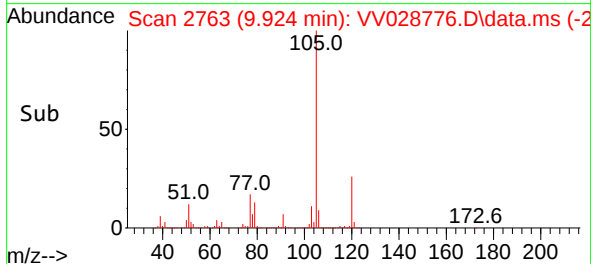


#60
Isopropylbenzene
Concen: 204.130 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VV028776.D
Acq: 31 Oct 2022 12:56

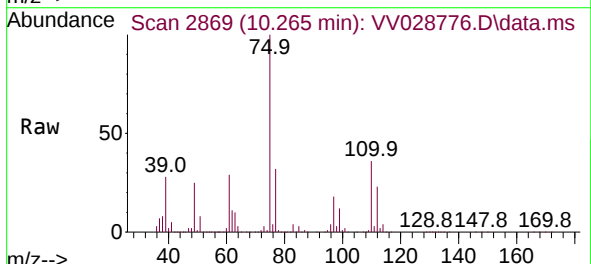
Instrument :
MSVOA_V
ClientSampleId :



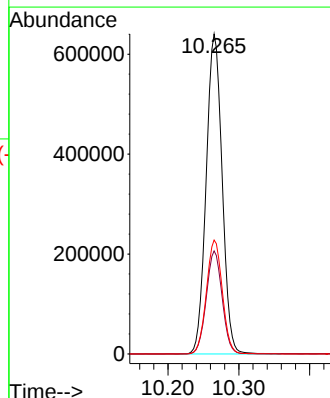
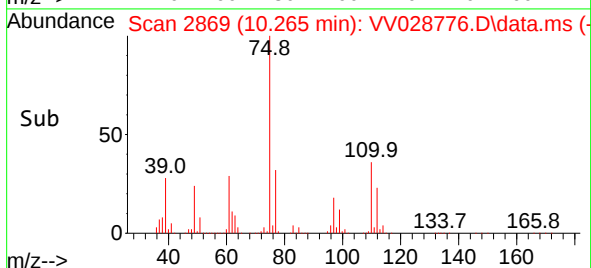
Tgt Ion:105 Resp: 3399127
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 16.9 13.4 20.2

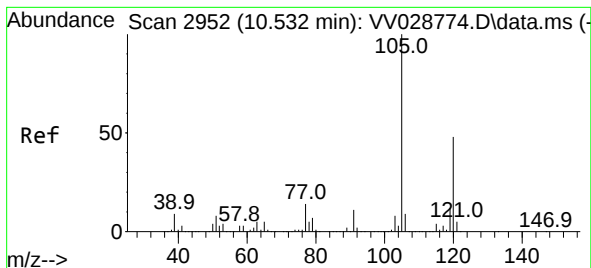


#61
1,2,3-Trichloropropane
Concen: 201.340 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV028776.D
Acq: 31 Oct 2022 12:56



Tgt Ion: 75 Resp: 1001073
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4
110 35.6 28.2 42.2





#62

1,3,5-Trimethylbenzene

Concen: 205.673 ug/L

RT: 10.532 min Scan# 2952

Delta R.T. 0.000 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Instrument :

MSVOA_V

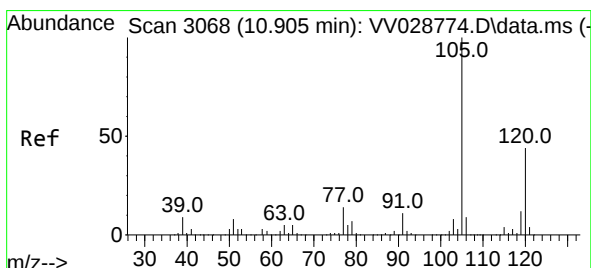
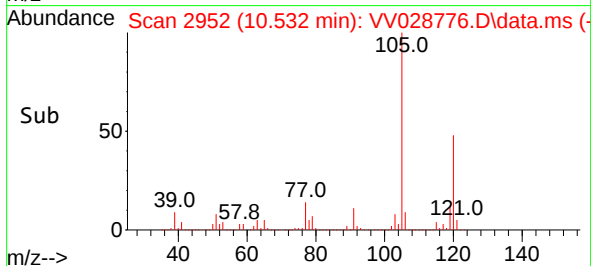
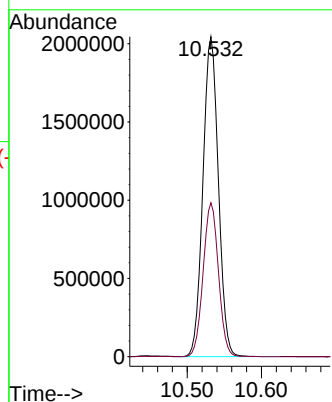
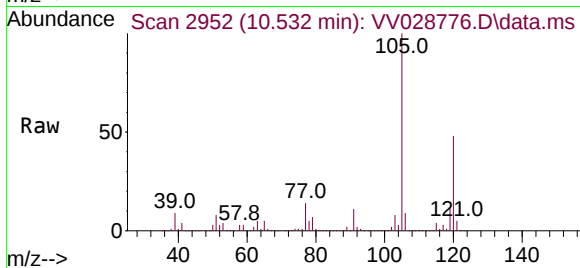
ClientSampleId :

Tgt Ion:105 Resp: 2948198

Ion Ratio Lower Upper

105 100

120 47.8 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 208.036 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV028776.D

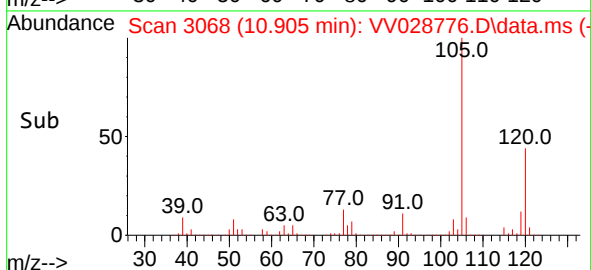
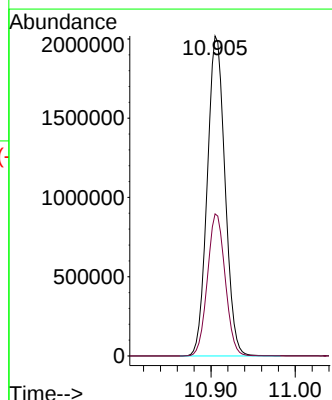
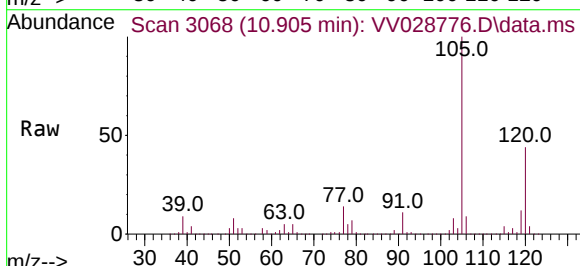
Acq: 31 Oct 2022 12:56

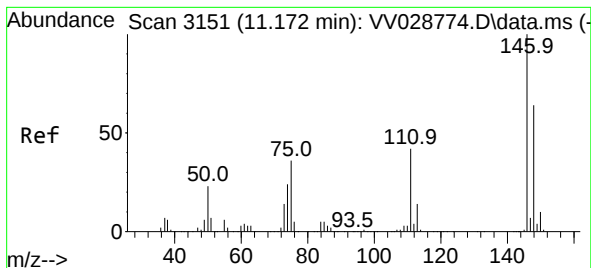
Tgt Ion:105 Resp: 2960865

Ion Ratio Lower Upper

105 100

120 44.4 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 205.189 ug/L

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

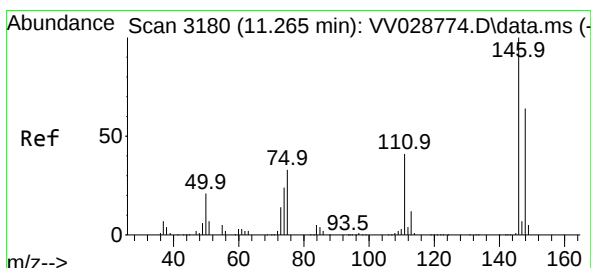
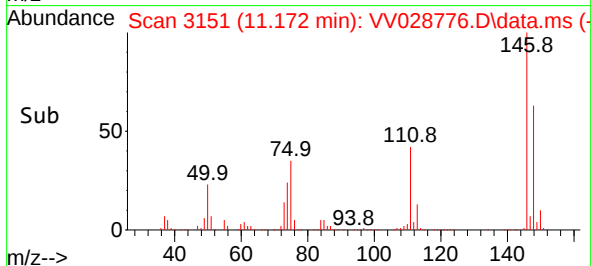
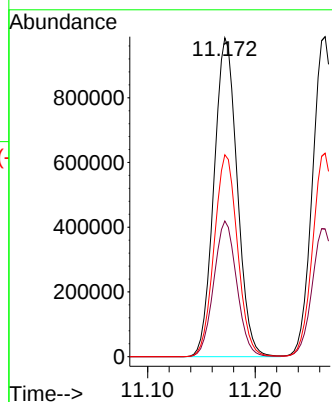
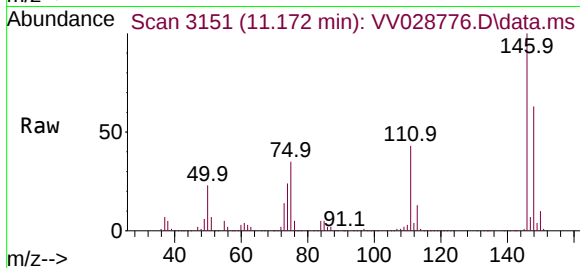
Tgt Ion:146 Resp: 1480935

Ion Ratio Lower Upper

146 100

111 42.5 29.6 55.0

148 63.3 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 207.184 ug/L

RT: 11.265 min Scan# 3180

Delta R.T. 0.000 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

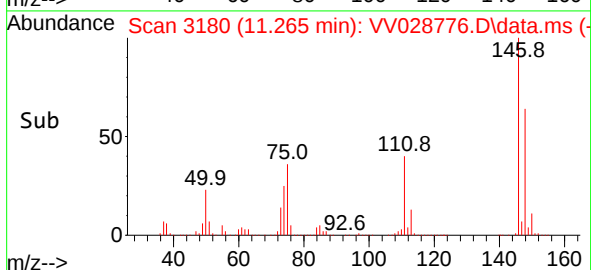
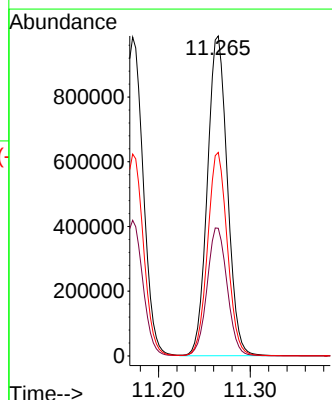
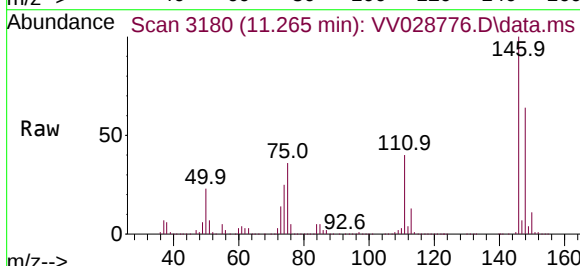
Tgt Ion:146 Resp: 1493855

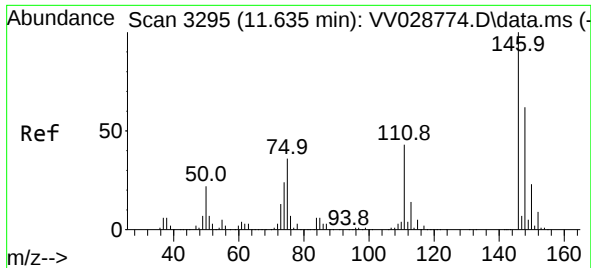
Ion Ratio Lower Upper

146 100

111 39.9 28.7 53.3

148 63.6 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 204.819 ug/L

RT: 11.635 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

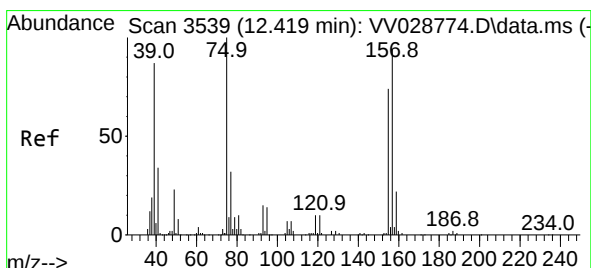
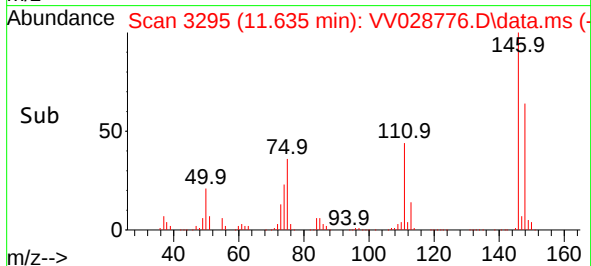
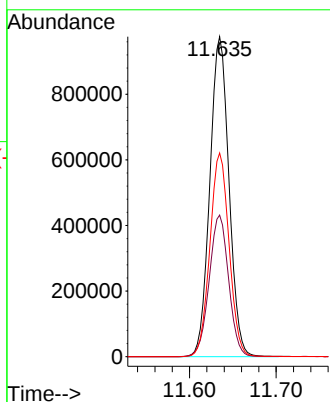
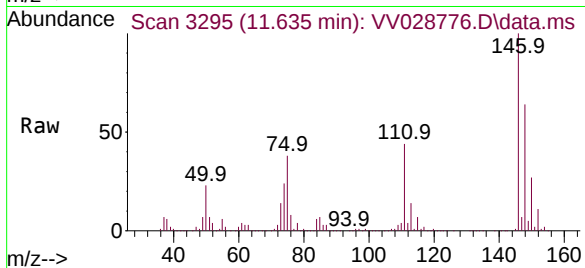
Tgt Ion:146 Resp: 1491358

Ion Ratio Lower Upper

146 100

111 44.2 34.2 51.2

148 63.7 49.5 74.3



#68

1,2-Dibromo-3-chloropropane

Concen: 208.145 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. -0.003 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

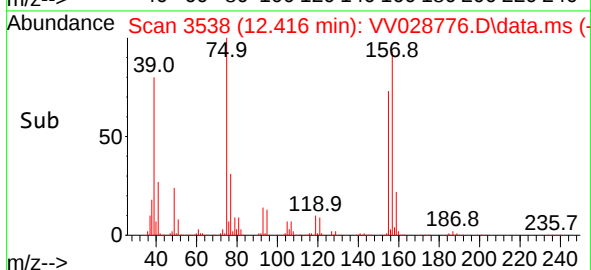
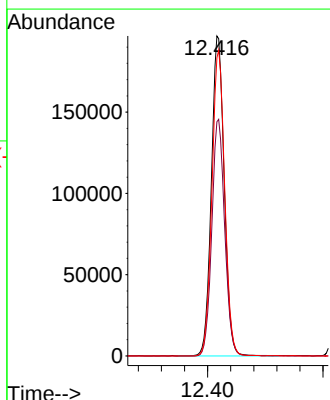
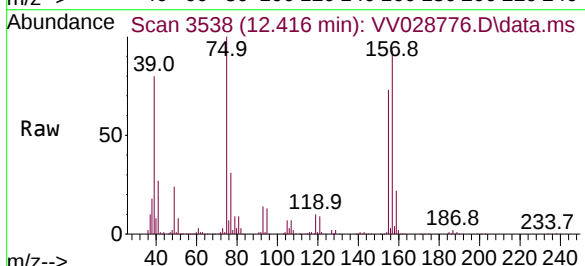
Tgt Ion: 75 Resp: 304816

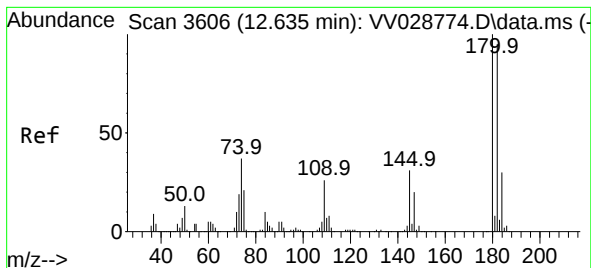
Ion Ratio Lower Upper

75 100

155 73.2 59.4 89.0

157 93.1 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 208.171 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. 0.000 min

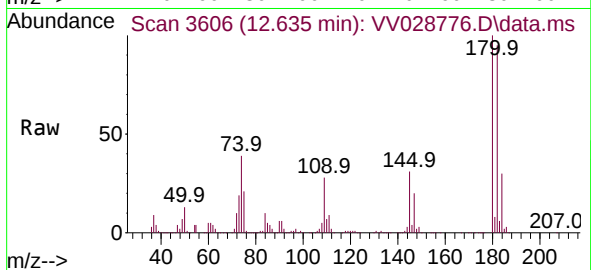
Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1126072

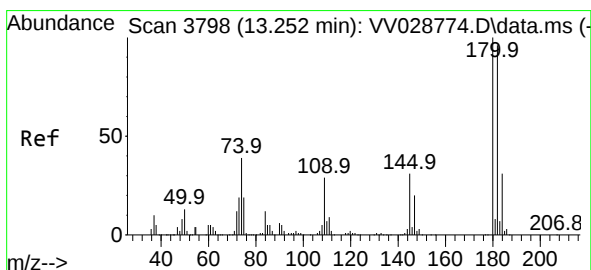
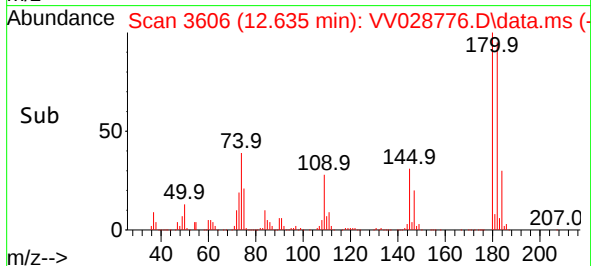
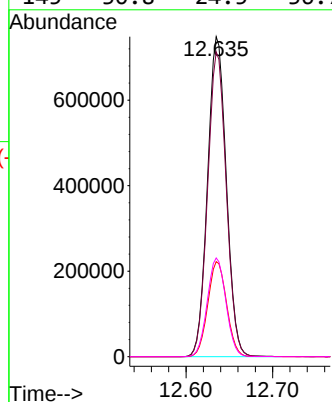
Ion Ratio Lower Upper

180 100

182 94.8 75.6 113.4

184 29.9 23.9 35.9

145 30.8 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 218.679 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. 0.000 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

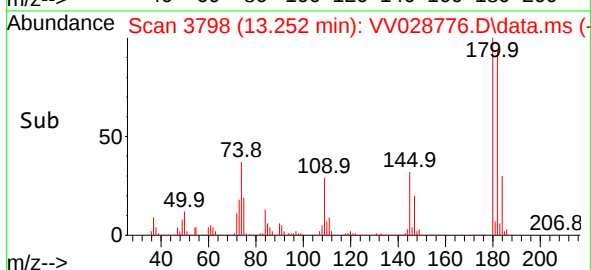
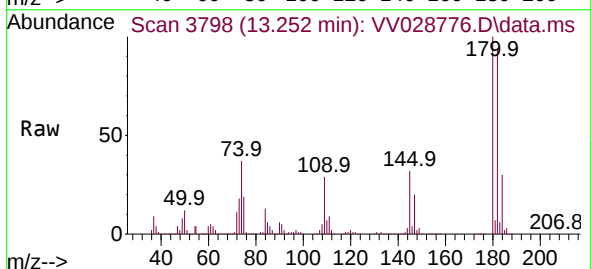
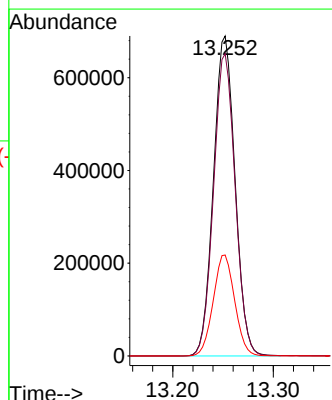
Tgt Ion:180 Resp: 1029097

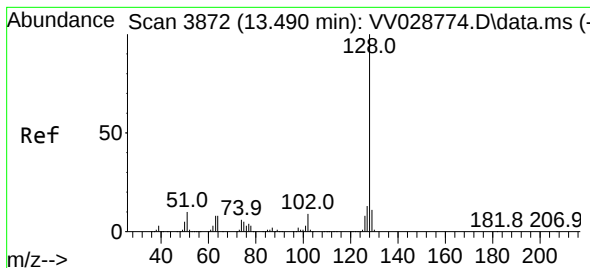
Ion Ratio Lower Upper

180 100

182 94.8 76.6 115.0

145 31.4 25.1 37.7





#71

Naphthalene

Concen: 232.824 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. 0.000 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

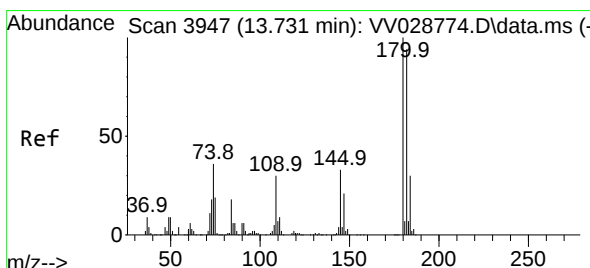
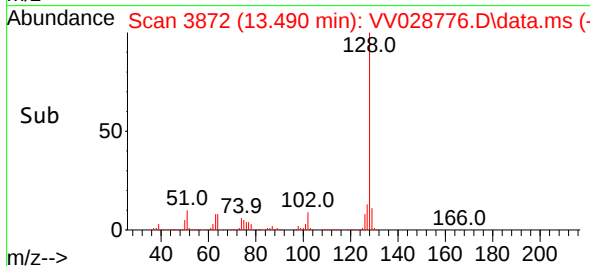
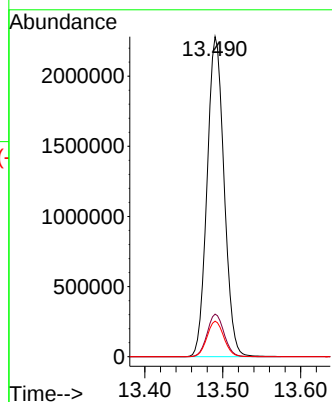
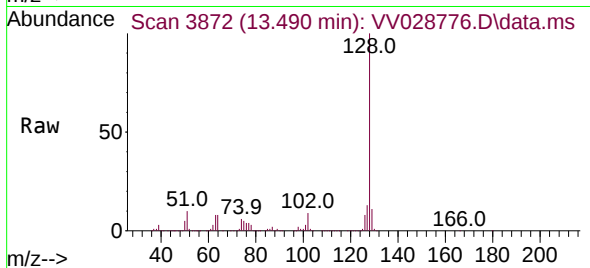
Tgt Ion:128 Resp: 3450273

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 220.410 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.003 min

Lab File: VV028776.D

Acq: 31 Oct 2022 12:56

Tgt Ion:180 Resp: 1024405

Ion Ratio Lower Upper

180 100

182 95.3 75.5 113.3

145 33.5 26.2 39.4

