

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027743.D
 Acq On : 06 Sep 2022 15:35
 Operator : SY/MD
 Sample : VSTD01030
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010230

Quant Time: Sep 07 05:16:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 05:11:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	144613	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	142883	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	82754	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	107974	7.548	ug/L	0.00
7) Chloroethane-d5	1.561	69	90661	7.491	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	229468	7.900	ug/L	0.00
20) 2-Butanone-d5	3.918	46	224021	85.152	ug/L	-0.03
24) Chloroform-d	4.339	84	213608	7.262	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	105208	7.823	ug/L	0.00
32) Benzene-d6	5.040	84	405086	7.211	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	113625	6.440	ug/L	0.00
41) Toluene-d8	7.310	98	378865	7.871	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	44119	8.282	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	190919	95.600	ug/L	-0.02
56) 1,1,2,2-Tetrachloroeth...	10.214	84	81748	7.392	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	133834	7.467	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	167017	9.089	ug/L	97
3) Chloromethane	1.240	50	151509	8.674	ug/L	98
5) Vinyl chloride	1.304	62	153332	9.138	ug/L	100
6) Bromomethane	1.516	94	79978	9.949	ug/L	95
8) Chloroethane	1.577	64	87847	9.245	ug/L	99
9) Trichlorofluoromethane	1.745	101	252271	10.819	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	119805	9.507	ug/L	99
12) 1,1-Dichloroethene	2.108	96	112443	9.620	ug/L	95
13) Acetone	2.108	43	1505	0.849	ug/L	89
14) Carbon disulfide	2.281	76	317390	8.654	ug/L	99
15) Methyl Acetate	2.439	43	46776	9.711	ug/L	98
16) Methylene chloride	2.497	84	121285	8.449	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	248106	9.771	ug/L	97
18) trans-1,2-Dichloroethene	2.748	96	115549	8.929	ug/L	94
19) 1,1-Dichloroethane	3.179	63	213049	8.412	ug/L	99
21) 2-Butanone	3.992	43	231300	95.685	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	117904	8.896	ug/L #	91
23) Bromochloromethane	4.236	128	53778	9.374	ug/L	91
25) Chloroform	4.365	83	234063	8.708	ug/L	99
27) 1,2-Dichloroethane	5.124	62	136968	9.098	ug/L	99
29) 1,1,1-Trichloroethane	4.596	97	215086	8.748	ug/L	98
30) Cyclohexane	4.664	56	169406	8.174	ug/L	98
31) Carbon tetrachloride	4.818	117	188092	8.948	ug/L	98
33) Benzene	5.088	78	474057	8.729	ug/L	100
34) Trichloroethene	5.908	95	117750	8.626	ug/L	97
35) Methylcyclohexane	6.124	83	191374	9.035	ug/L	97
37) 1,2-Dichloropropane	6.166	63	113704	8.215	ug/L	100
38) Bromodichloromethane	6.503	83	152781	8.721	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	157877	9.489	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	597273	99.696	ug/L	98
42) Toluene	7.381	91	510569	9.478	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	138596	10.214	ug/L	98

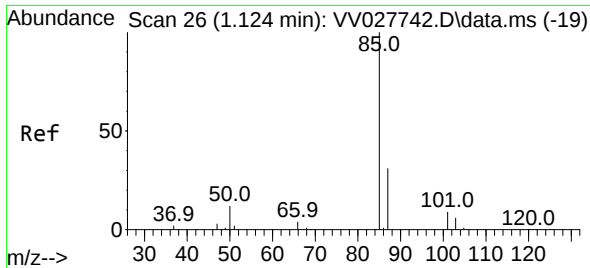
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027743.D
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 05:11:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	77938	8.870	ug/L	98
47) Tetrachloroethene	7.969	164	100733	9.251	ug/L	95
48) 2-Hexanone	8.137	43	449417	99.963	ug/L	97
49) Dibromochloromethane	8.243	129	99049	9.442	ug/L	99
50) 1,2-Dibromoethane	8.349	107	71872	9.095	ug/L	96
51) Chlorobenzene	8.876	112	323006	9.426	ug/L	98
52) Ethylbenzene	9.008	91	538081	9.774	ug/L	100
53) m,p-Xylene	9.133	106	217023	10.206	ug/L	100
54) o-Xylene	9.538	106	205355	10.119	ug/L	97
55) Styrene	9.558	104	371879	10.765	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	87666	9.074	ug/L	98
59) Bromoform	9.728	173	51616	8.915	ug/L	99
60) Isopropylbenzene	9.927	105	555847	9.012	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	65783	8.184	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	150790	8.840	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	464089	9.580	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	272195	9.191	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	271712	9.184	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	247925	9.293	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	15089	9.342	ug/L	87
69) 1,3,5-Trichlorobenzene	12.641	180	218148	10.135	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	169448	10.594	ug/L	99
71) Naphthalene	13.500	128	234477	9.329	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	154068	10.664	ug/L	99

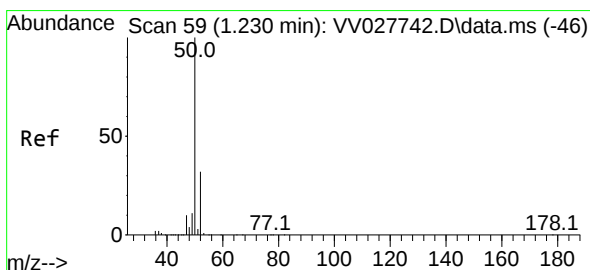
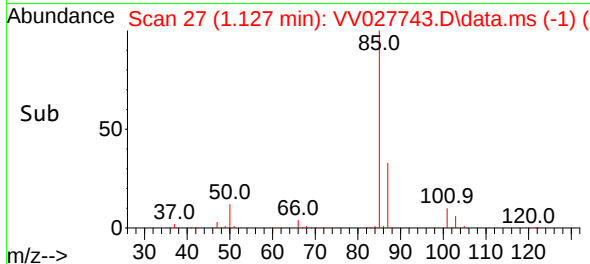
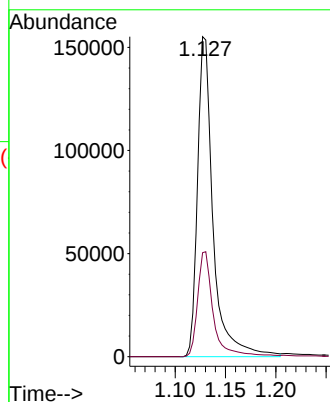
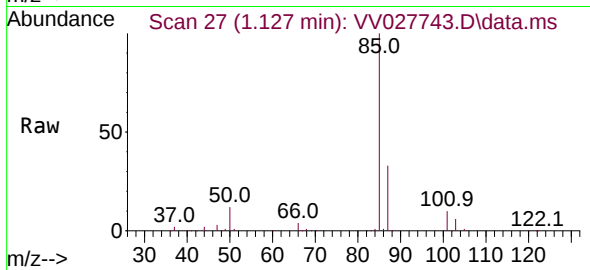
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 9.089 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV027743.D
 Acq: 06 Sep 2022 15:35

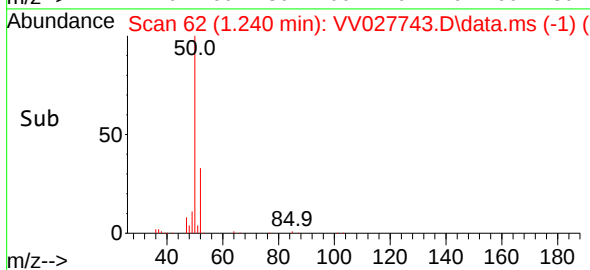
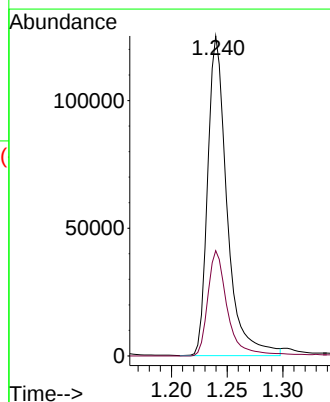
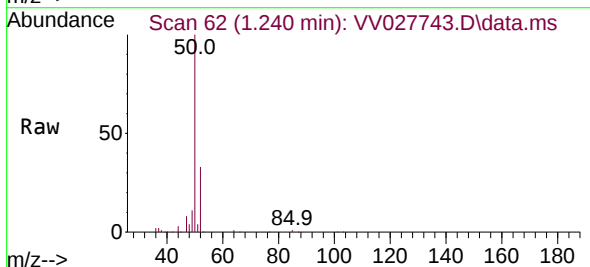
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010230

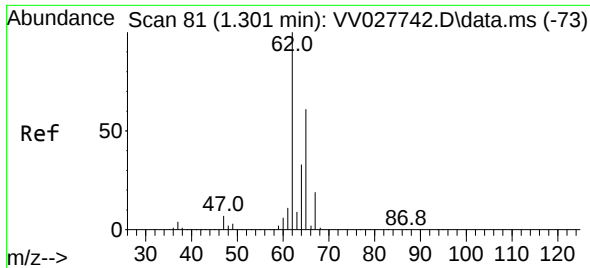
Tgt Ion: 85 Resp: 167017
 Ion Ratio Lower Upper
 85 100
 87 33.5 25.4 38.0



#3
 Chloromethane
 Concen: 8.674 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.010 min
 Lab File: VV027743.D
 Acq: 06 Sep 2022 15:35

Tgt Ion: 50 Resp: 151509
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.1 41.1

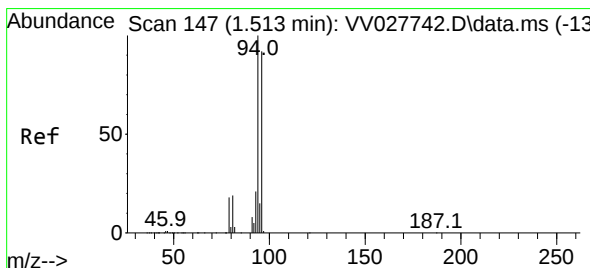
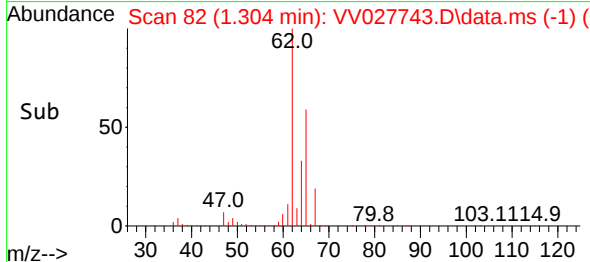
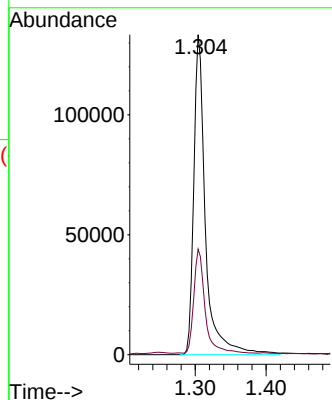
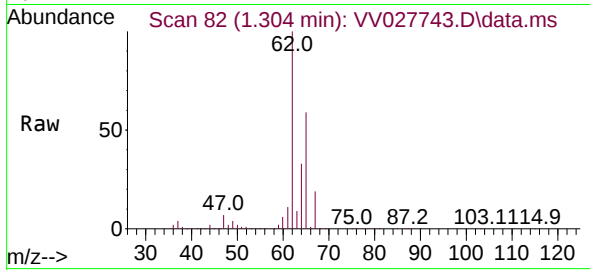




#5
 Vinyl chloride
 Concen: 9.138 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV027743.D
 Acq: 06 Sep 2022 15:35

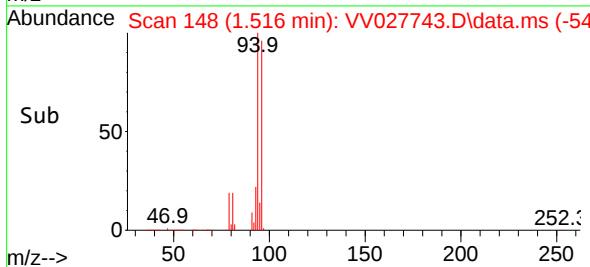
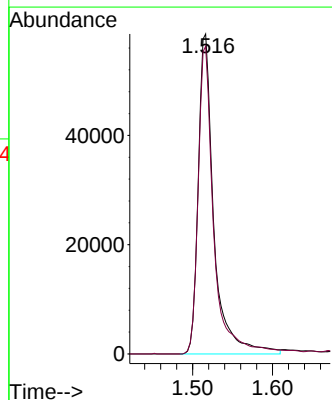
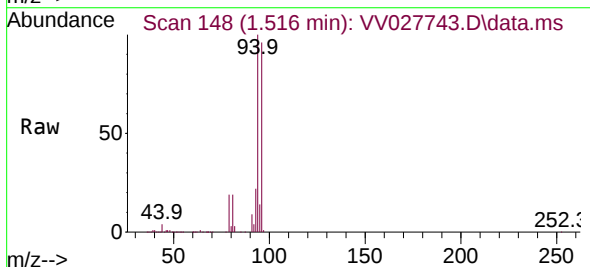
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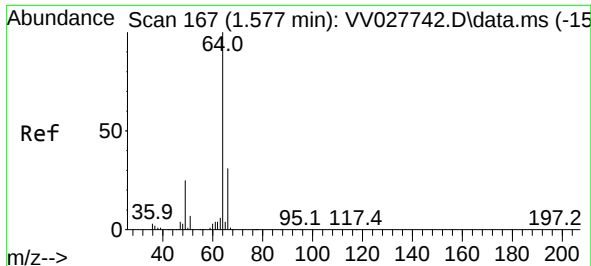
Tgt Ion: 62 Resp: 153332
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.2



#6
 Bromomethane
 Concen: 9.949 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.003 min
 Lab File: VV027743.D
 Acq: 06 Sep 2022 15:35

Tgt Ion: 94 Resp: 79978
 Ion Ratio Lower Upper
 94 100
 96 96.1 64.2 119.2

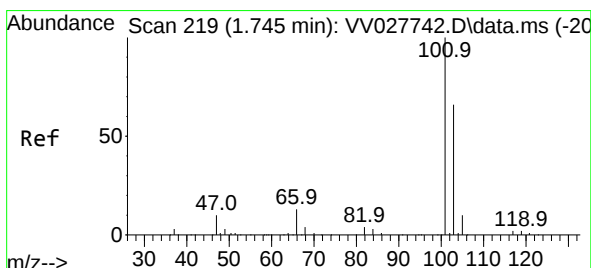
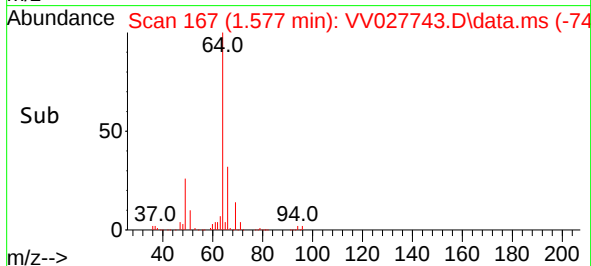
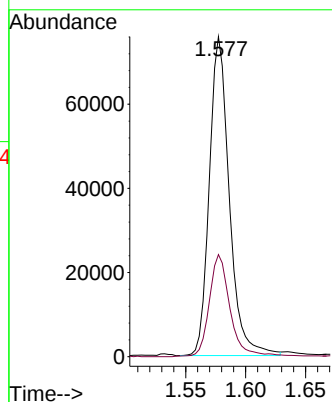
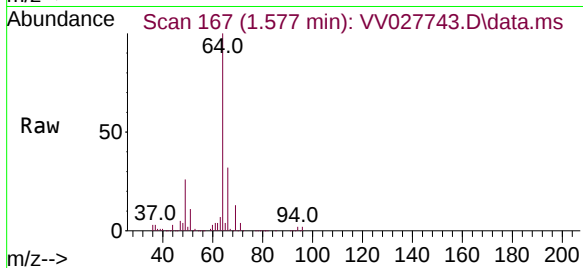




#8
Chloroethane
Concen: 9.245 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

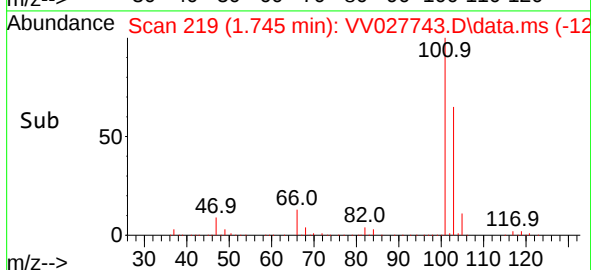
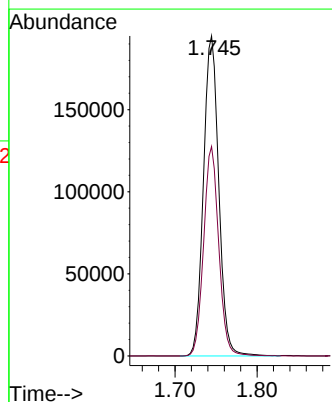
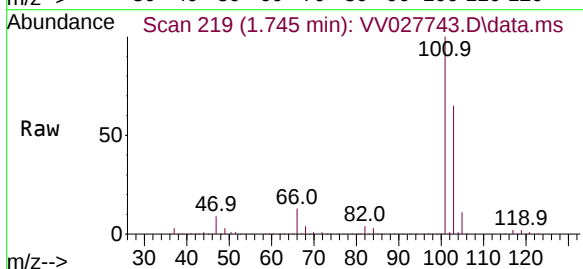
Instrument :
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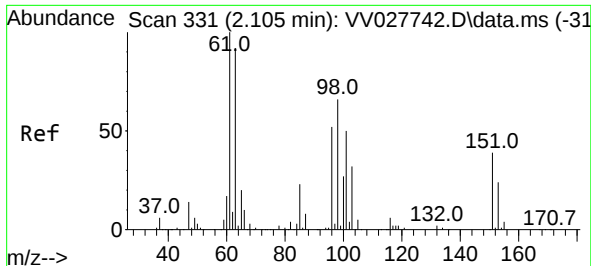
Tgt Ion: 64 Resp: 87847
Ion Ratio Lower Upper
64 100
66 31.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 10.819 ug/L
RT: 1.745 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

Tgt Ion:101 Resp: 252271
Ion Ratio Lower Upper
101 100
103 64.5 52.3 78.5

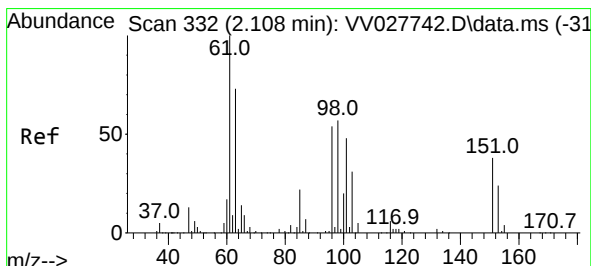
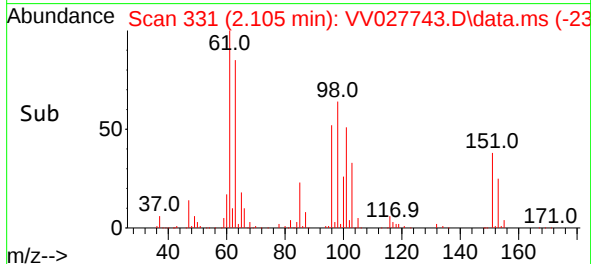
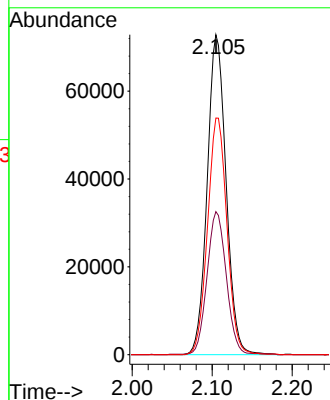
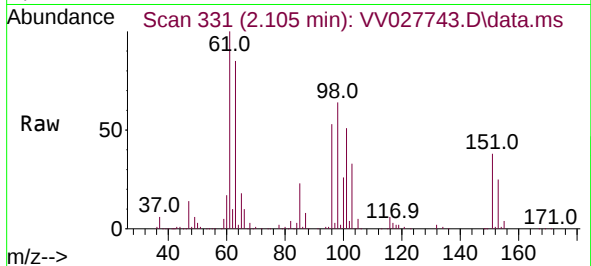




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.507 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. -0.000 min
 Lab File: VV027743.D
 Acq: 06 Sep 2022 15:35

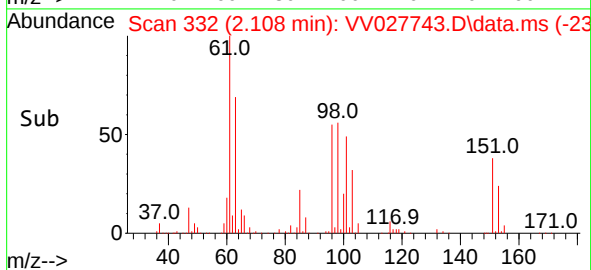
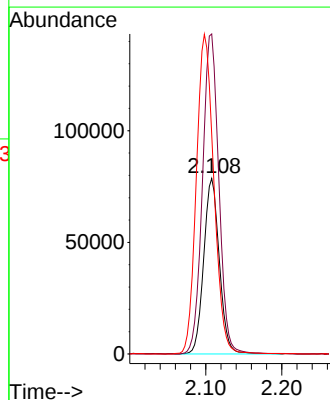
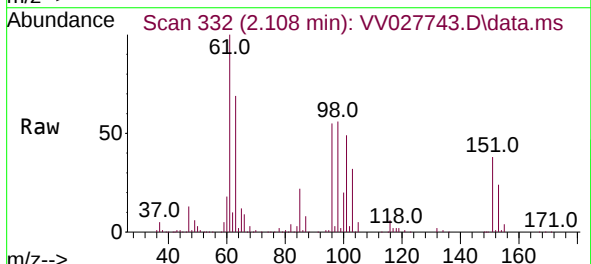
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 ClientSampleId :
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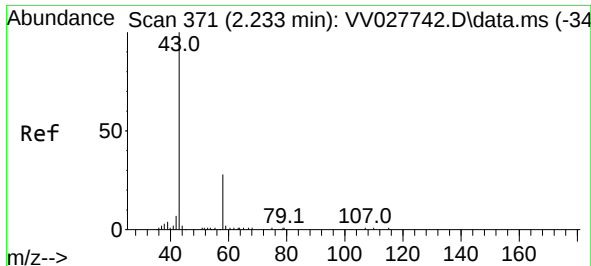
Tgt Ion:101 Resp: 119805
 Ion Ratio Lower Upper
 101 100
 85 45.8 35.8 53.8
 151 76.1 61.2 91.8



#12
 1,1-Dichloroethene
 Concen: 9.620 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.000 min
 Lab File: VV027743.D
 Acq: 06 Sep 2022 15:35

Tgt Ion: 96 Resp: 112443
 Ion Ratio Lower Upper
 96 100
 61 182.2 129.9 241.3
 63 125.0 94.6 175.8





#13

Acetone

Concen: 0.849 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.125 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

Instrument :

MSVOA_V

ClientSampleId :

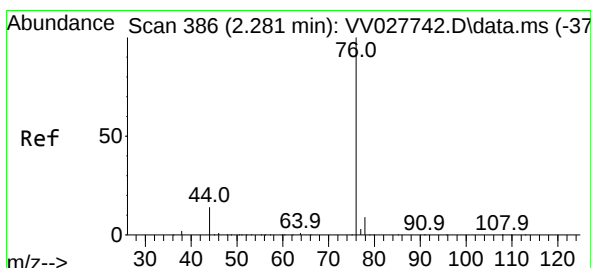
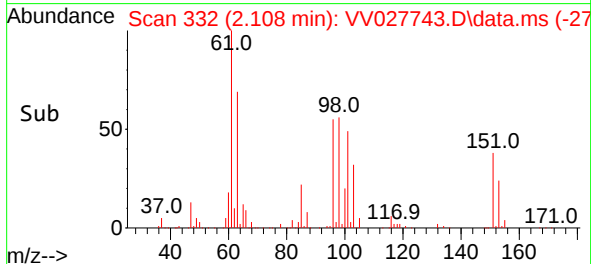
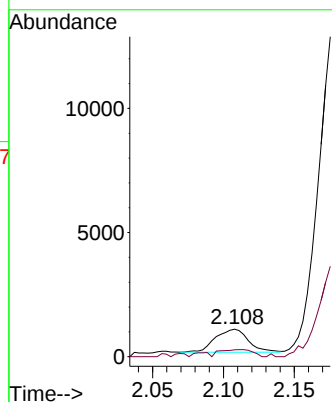
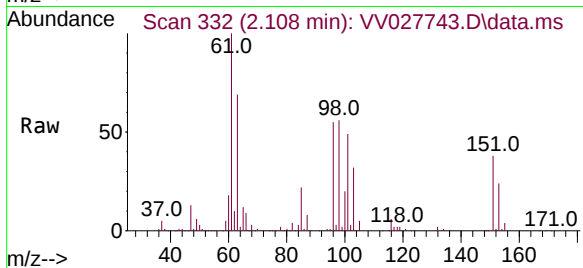
VSTD010230

Tgt Ion: 43 Resp: 1505

Ion Ratio Lower Upper

43 100

58 30.4 0.0 49.4



#14

Carbon disulfide

Concen: 8.654 ug/L

RT: 2.281 min Scan# 386

Delta R.T. -0.000 min

Lab File: VV027743.D

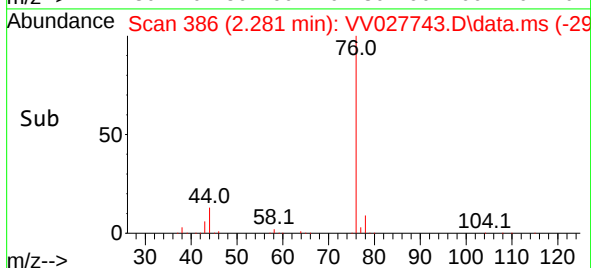
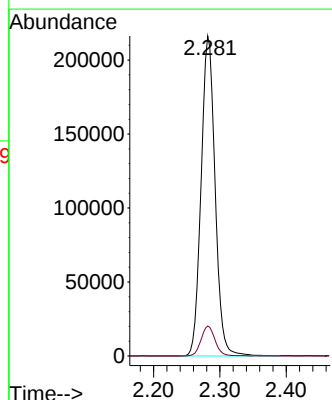
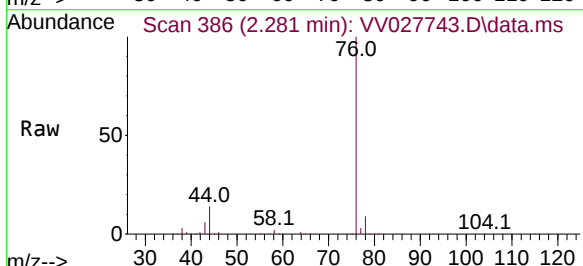
Acq: 06 Sep 2022 15:35

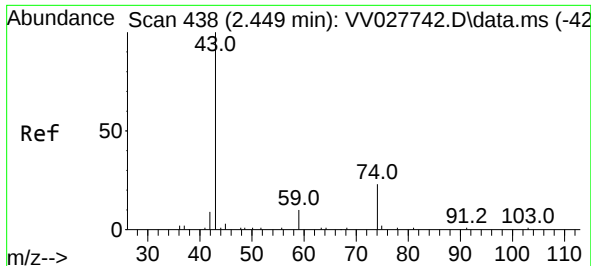
Tgt Ion: 76 Resp: 317390

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5

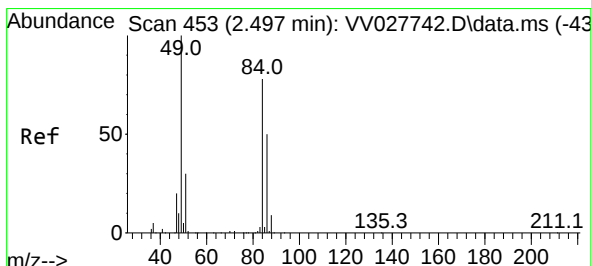
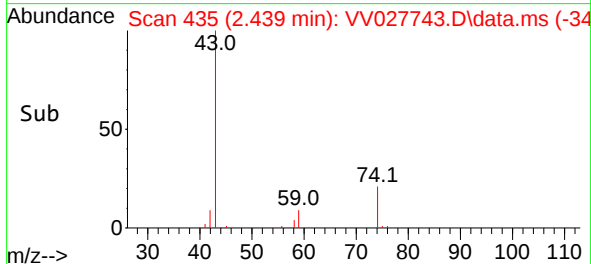
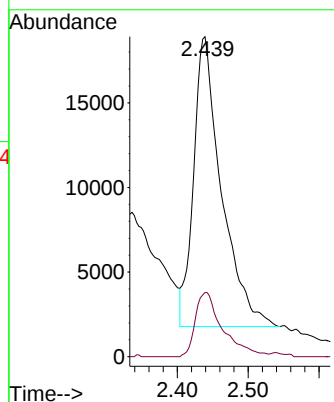
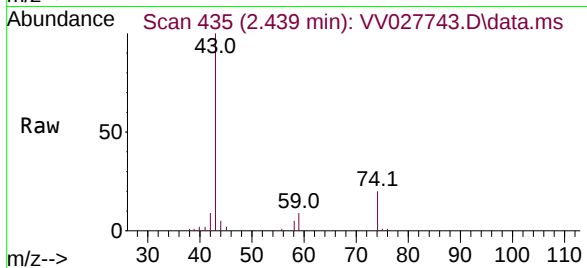




#15
Methyl Acetate
Concen: 9.711 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

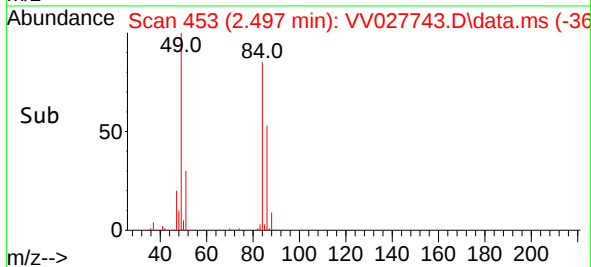
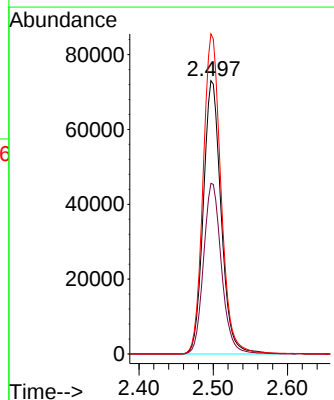
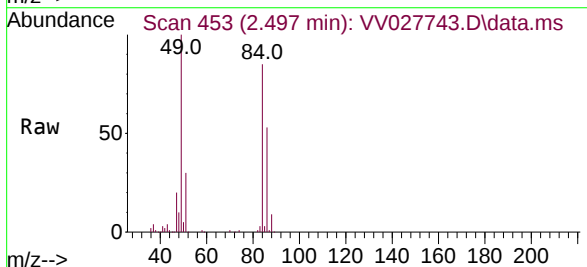
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ClientSampleId :
VSTD010230

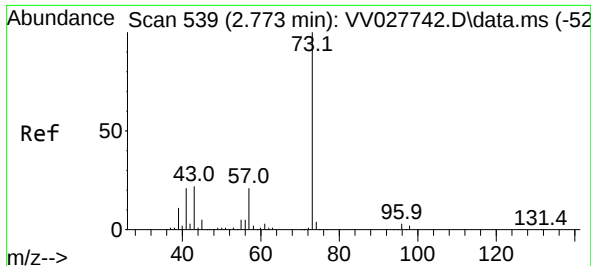
Tgt Ion: 43 Resp: 46776
Ion Ratio Lower Upper
43 100
74 21.8 16.6 25.0



#16
Methylene chloride
Concen: 8.449 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.000 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

Tgt Ion: 84 Resp: 121285
Ion Ratio Lower Upper
84 100
86 62.4 44.9 83.3
49 117.1 90.1 167.3





#17

Methyl tert-butyl Ether

Concen: 9.771 ug/L

RT: 2.770 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD010230

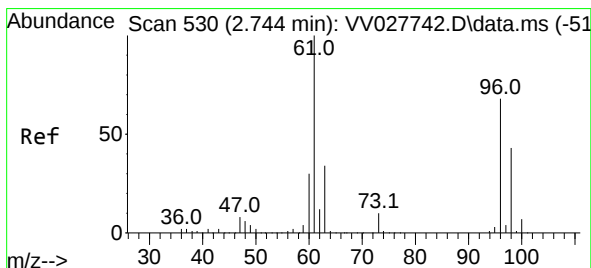
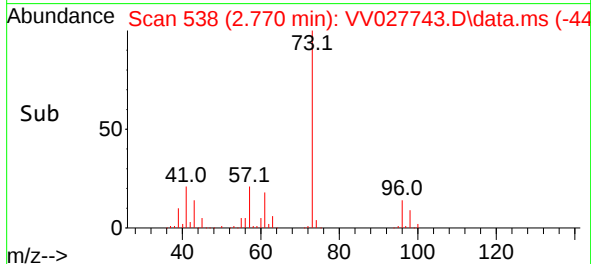
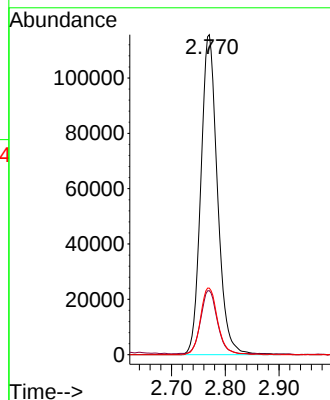
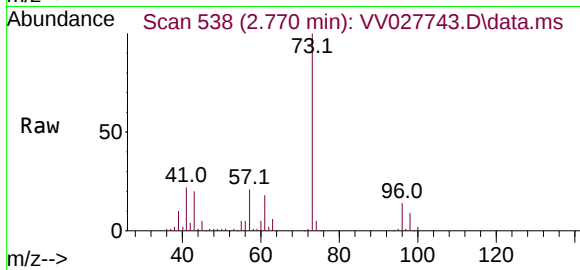
Tgt Ion: 73 Resp: 248106

Ion Ratio Lower Upper

73 100

43 19.7 17.5 26.3

57 21.5 16.9 25.3



#18

trans-1,2-Dichloroethene

Concen: 8.929 ug/L

RT: 2.748 min Scan# 531

Delta R.T. 0.003 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

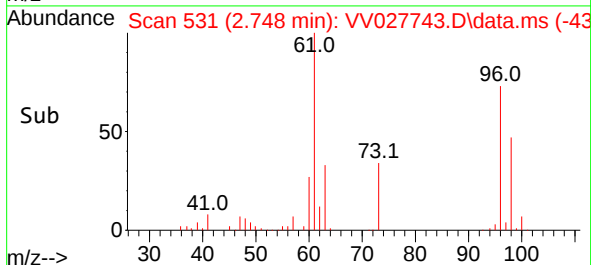
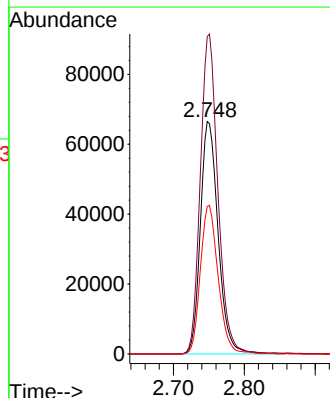
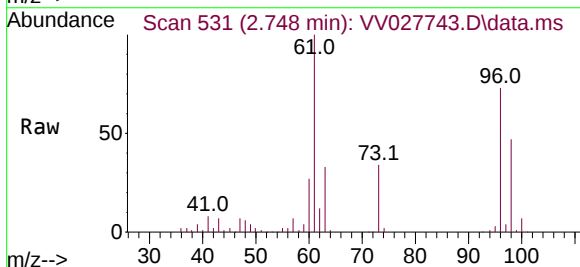
Tgt Ion: 96 Resp: 115549

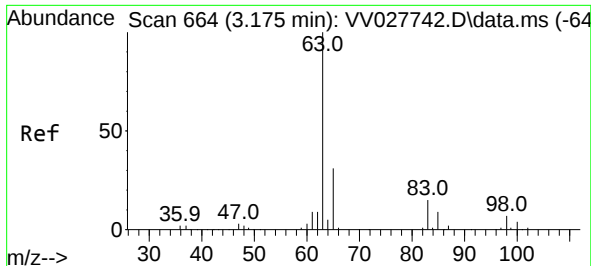
Ion Ratio Lower Upper

96 100

61 136.5 102.6 190.5

98 63.5 44.0 81.8





#19

1,1-Dichloroethane

Concen: 8.412 ug/L

RT: 3.179 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD010230

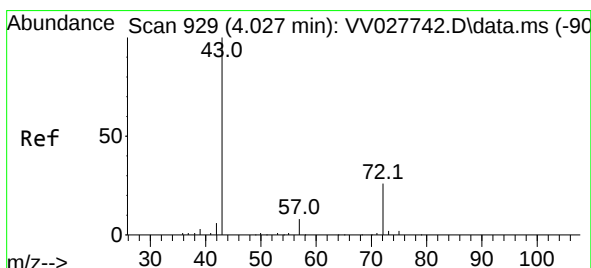
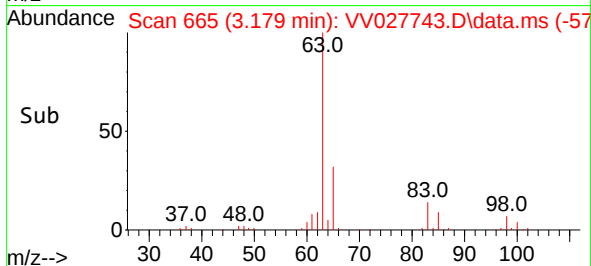
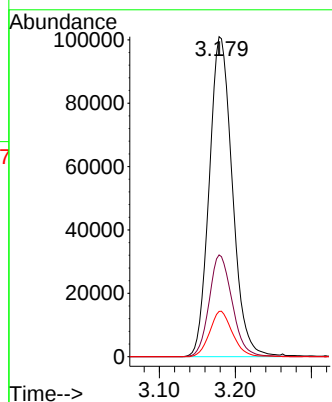
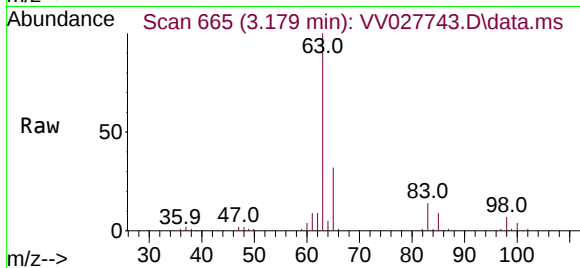
Tgt Ion: 63 Resp: 213049

Ion Ratio Lower Upper

63 100

65 31.8 22.0 41.0

83 14.2 10.1 18.9



#21

2-Butanone

Concen: 95.685 ug/L

RT: 3.992 min Scan# 918

Delta R.T. -0.035 min

Lab File: VV027743.D

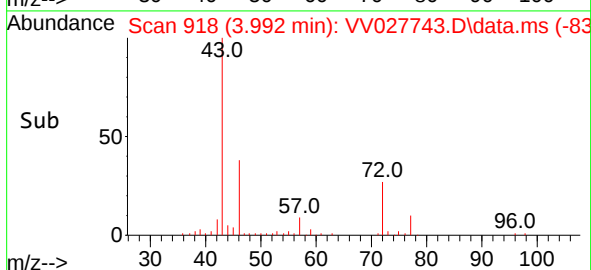
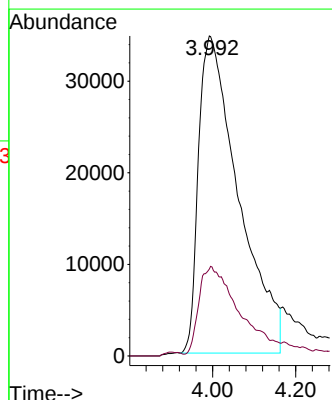
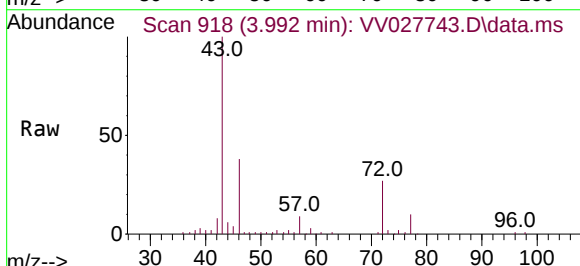
Acq: 06 Sep 2022 15:35

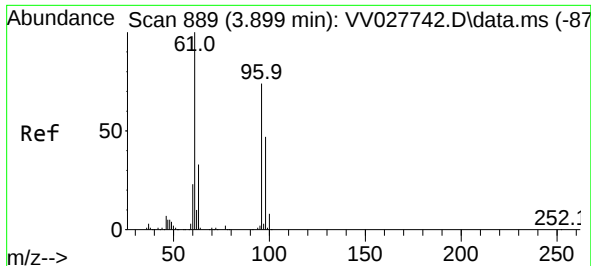
Tgt Ion: 43 Resp: 231300

Ion Ratio Lower Upper

43 100

72 26.9 13.0 39.0

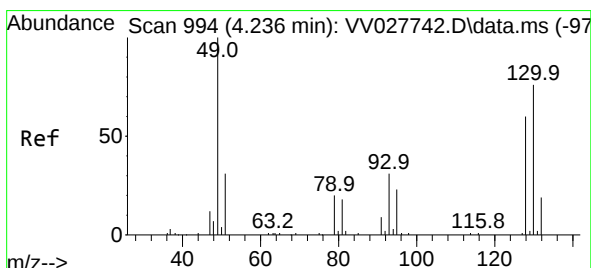
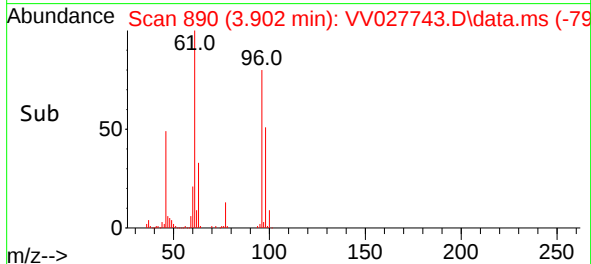
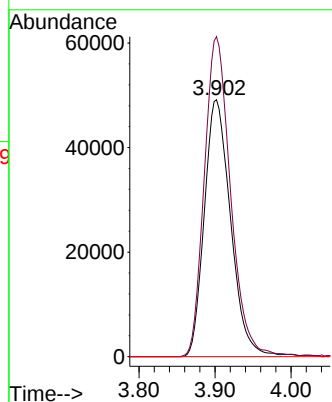
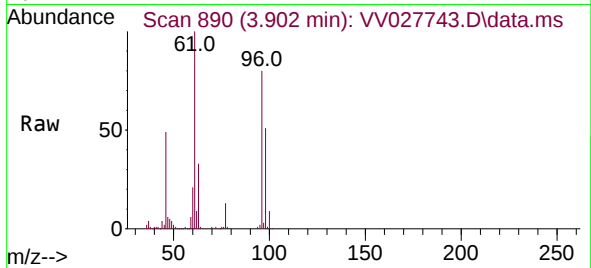




#22
 cis-1,2-Dichloroethene
 Concen: 8.896 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.003 min
 Lab File: VV027743.D
 Acq: 06 Sep 2022 15:35

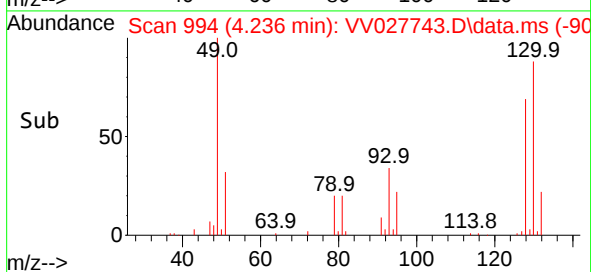
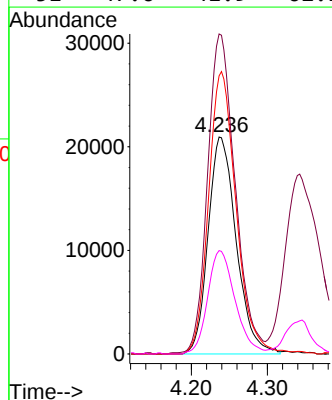
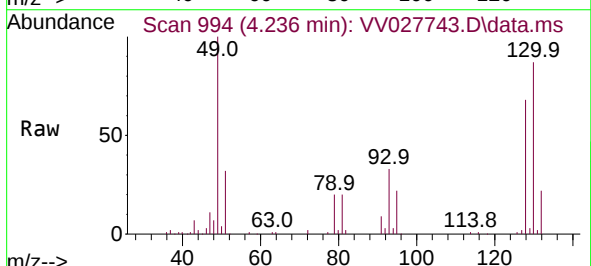
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010230

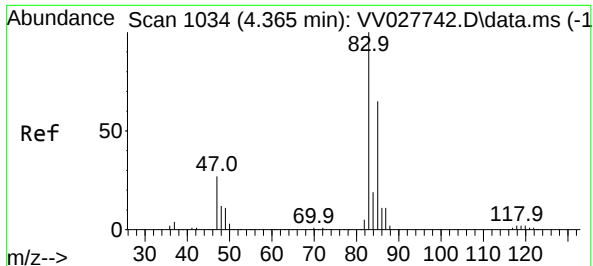
Tgt Ion: 96 Resp: 117904
 Ion Ratio Lower Upper
 96 100
 61 124.5 94.6 175.6
 68 0.0 0.3 0.5#



#23
 Bromochloromethane
 Concen: 9.374 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VV027743.D
 Acq: 06 Sep 2022 15:35

Tgt Ion:128 Resp: 53778
 Ion Ratio Lower Upper
 128 100
 49 147.5 118.4 219.8
 130 128.2 89.2 165.6
 51 47.6 41.9 62.9





#25

Chloroform

Concen: 8.708 ug/L

RT: 4.365 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

Instrument :

MSVOA_V

ClientSampleId :

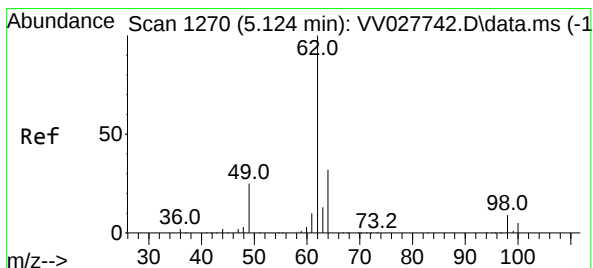
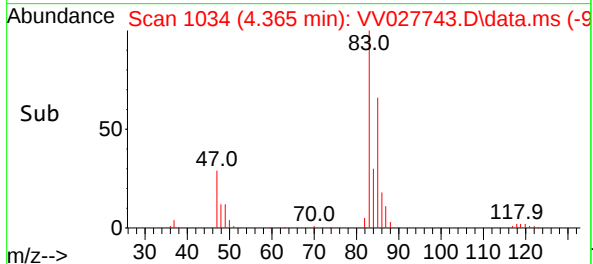
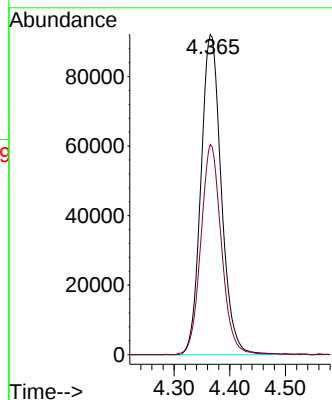
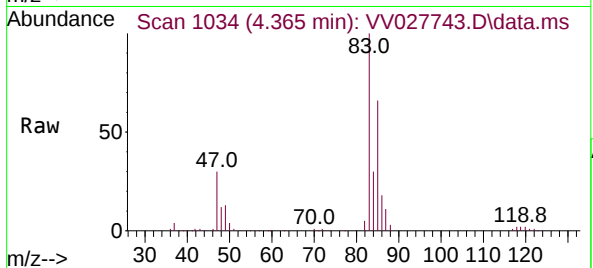
VSTD010230

Tgt Ion: 83 Resp: 234063

Ion Ratio Lower Upper

83 100

85 65.7 45.4 84.2



#27

1,2-Dichloroethane

Concen: 9.098 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VV027743.D

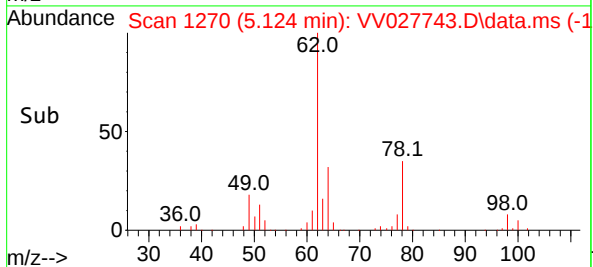
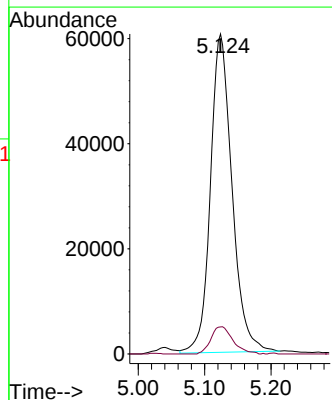
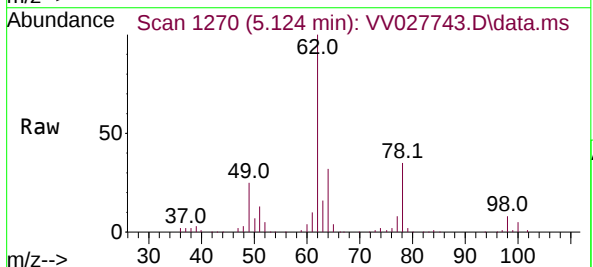
Acq: 06 Sep 2022 15:35

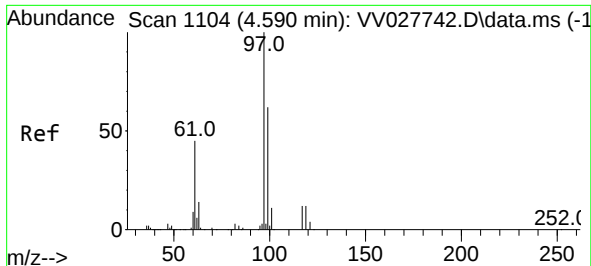
Tgt Ion: 62 Resp: 136968

Ion Ratio Lower Upper

62 100

98 8.5 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 8.748 ug/L

RT: 4.596 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD010230

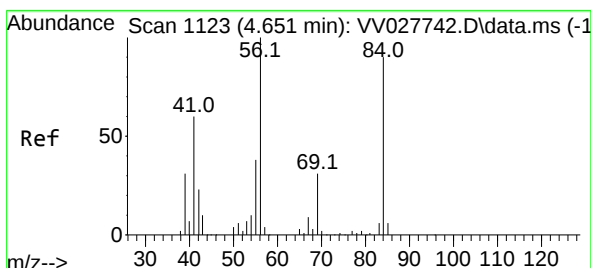
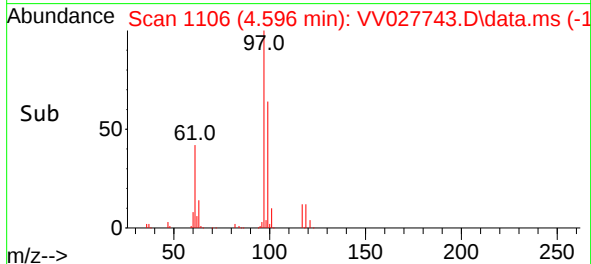
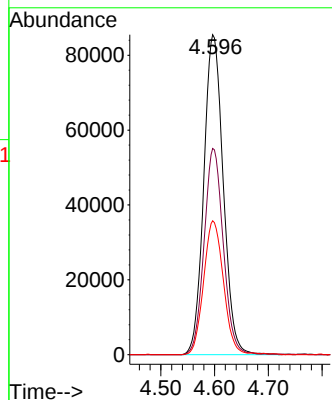
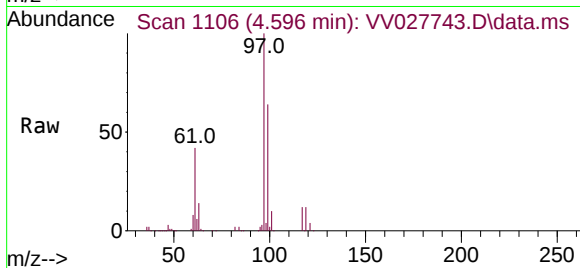
Tgt Ion: 97 Resp: 215086

Ion Ratio Lower Upper

97 100

99 63.5 50.8 76.2

61 42.4 36.2 54.4



#30

Cyclohexane

Concen: 8.174 ug/L

RT: 4.664 min Scan# 1127

Delta R.T. 0.013 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

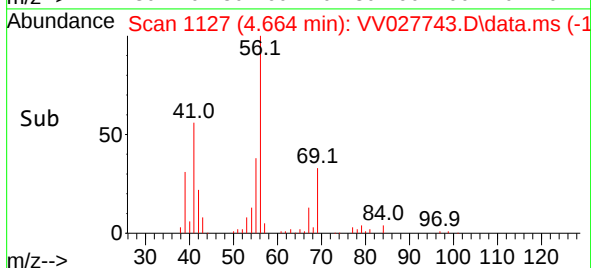
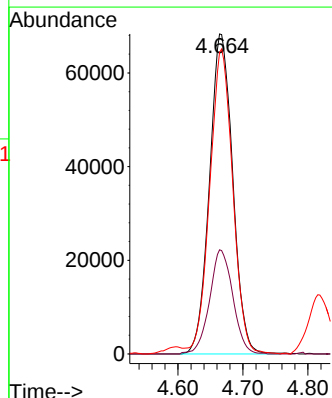
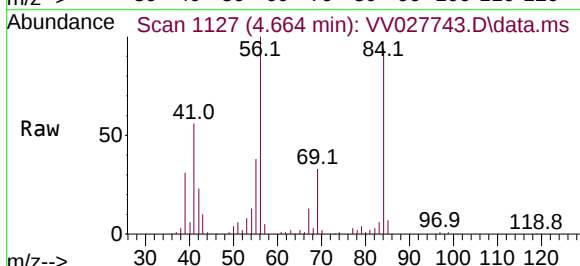
Tgt Ion: 56 Resp: 169406

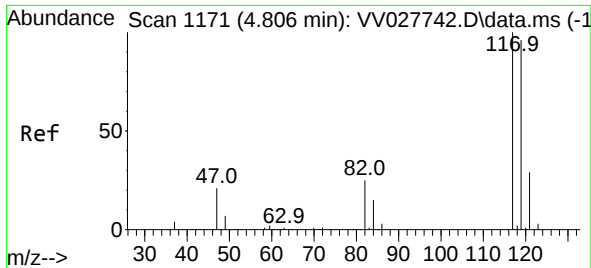
Ion Ratio Lower Upper

56 100

69 32.6 25.4 38.2

84 94.4 73.8 110.8

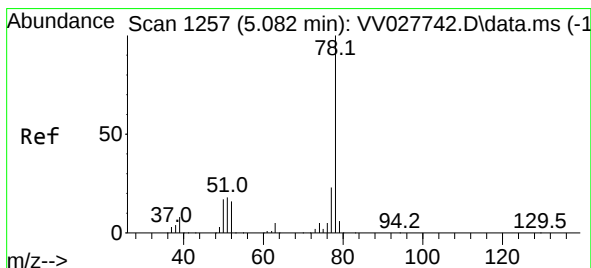
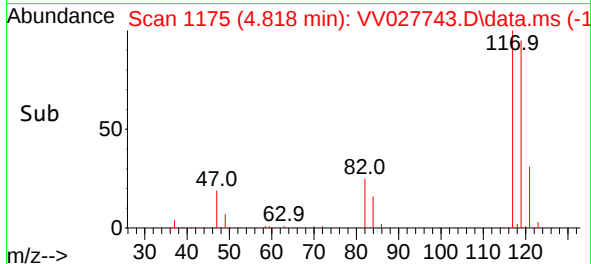
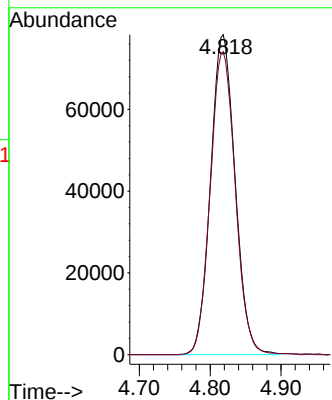
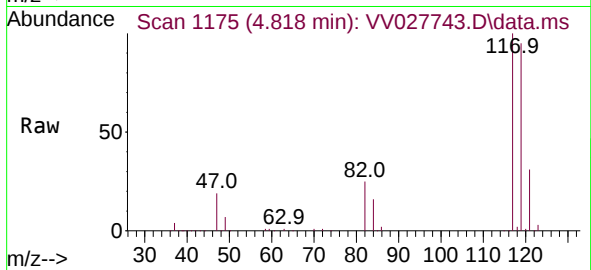




#31
Carbon tetrachloride
Concen: 8.948 ug/L
RT: 4.818 min Scan# 1171
Delta R.T. 0.013 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

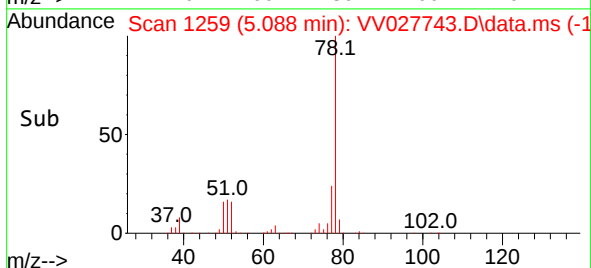
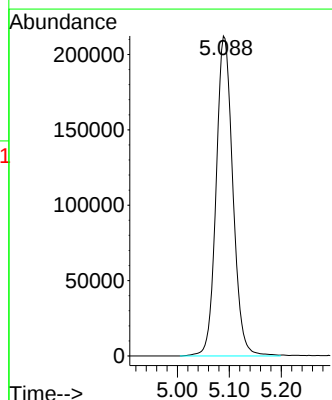
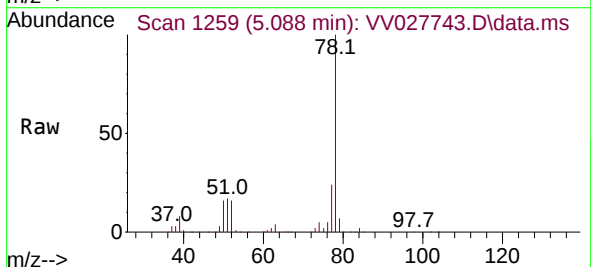
Instrument :
MSVOA_V
ClientSampleId :
VSTD010230

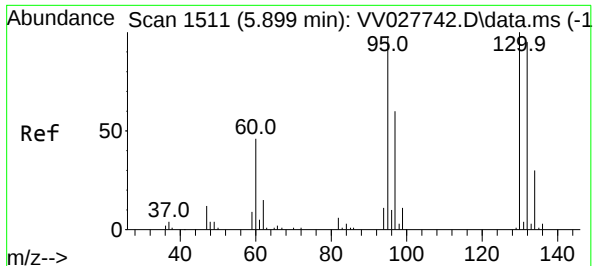
Tgt Ion:117 Resp: 188092
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8



#33
Benzene
Concen: 8.729 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

Tgt Ion: 78 Resp: 474057



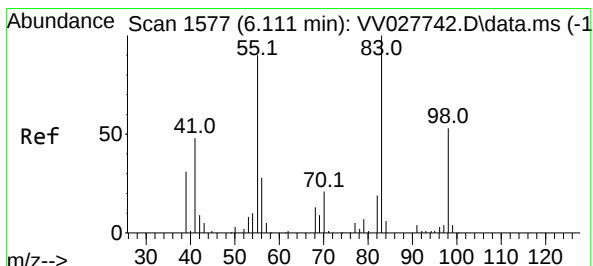
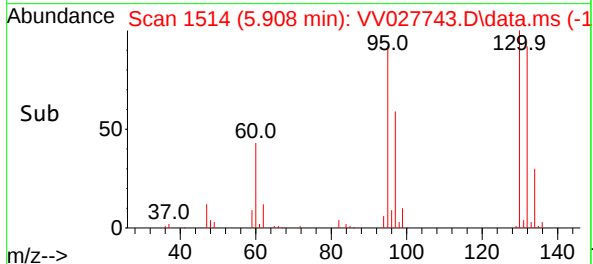
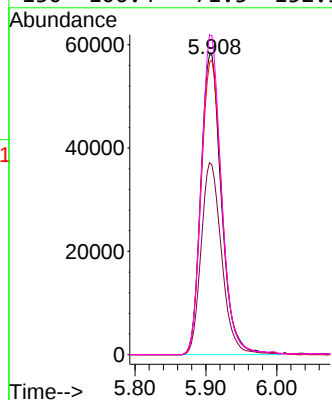
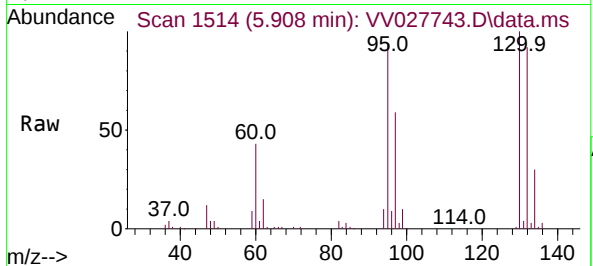


#34
Trichloroethene
Concen: 8.626 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD010230

Tgt Ion: 95 Resp: 117750

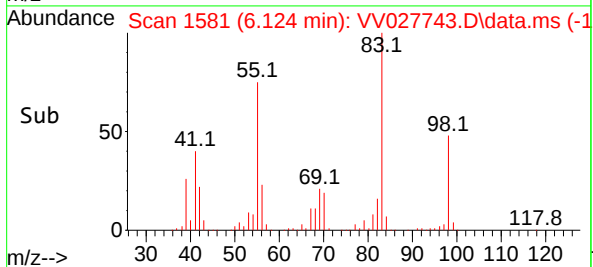
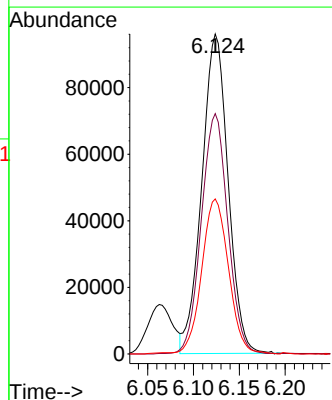
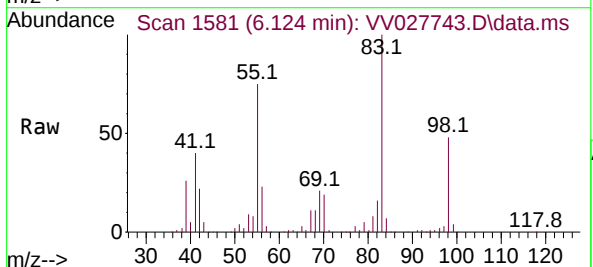
Ion	Ratio	Lower	Upper
95	100		
97	63.3	42.9	79.7
132	98.3	67.9	126.1
130	106.4	71.3	132.3

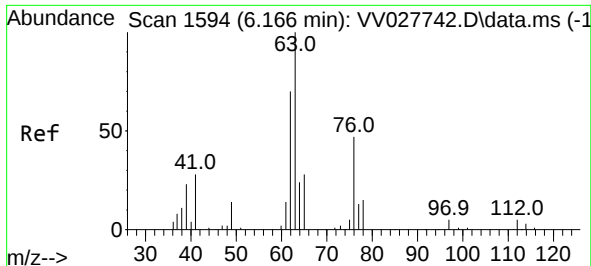


#35
Methylcyclohexane
Concen: 9.035 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.013 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

Tgt Ion: 83 Resp: 191374

Ion	Ratio	Lower	Upper
83	100		
55	76.0	61.9	92.9
98	49.5	37.5	56.3





#37

1,2-Dichloropropane

Concen: 8.215 ug/L

RT: 6.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

Instrument :

MSVOA_V

ClientSampleId :

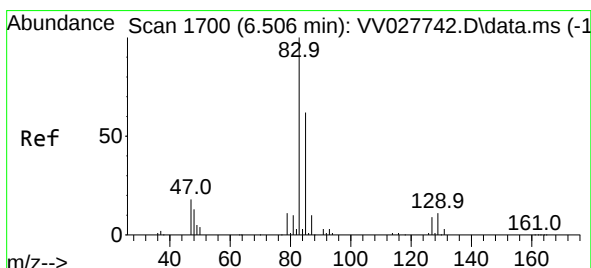
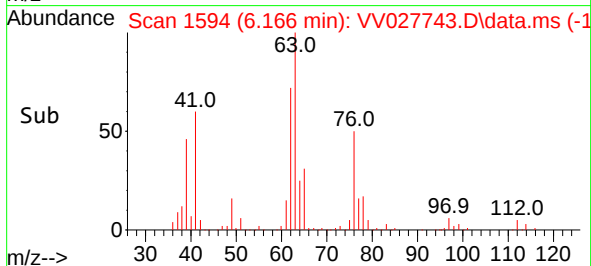
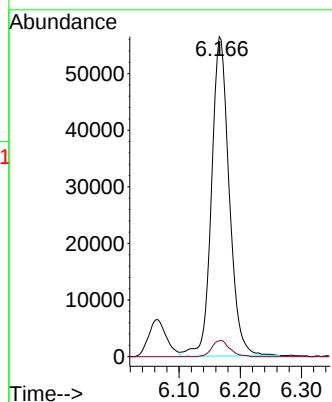
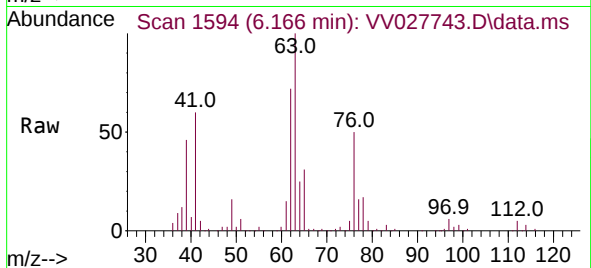
VSTD010230

Tgt Ion: 63 Resp: 113704

Ion Ratio Lower Upper

63 100

112 5.1 4.0 6.0



#38

Bromodichloromethane

Concen: 8.721 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

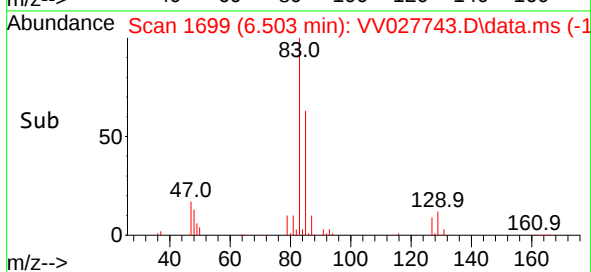
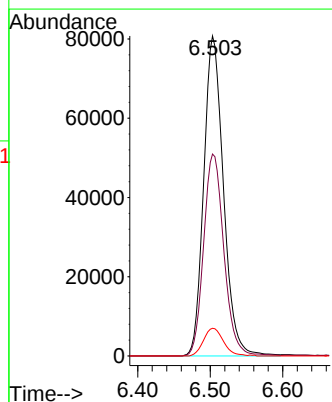
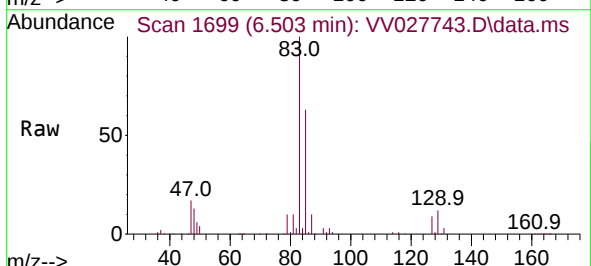
Tgt Ion: 83 Resp: 152781

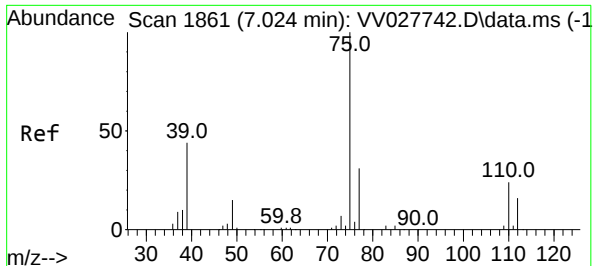
Ion Ratio Lower Upper

83 100

85 63.1 43.3 80.3

127 8.7 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 9.489 ug/L

RT: 7.021 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

Instrument :

MSVOA_V

ClientSampleId :

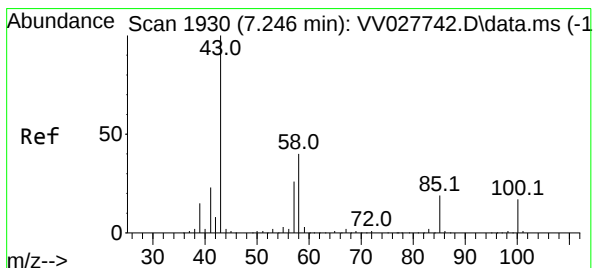
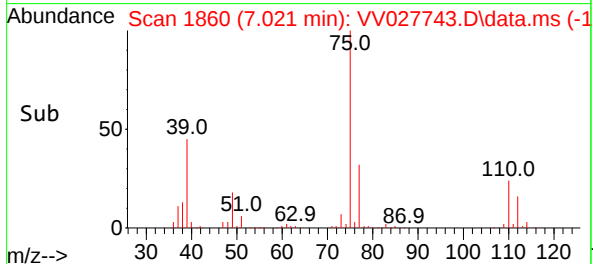
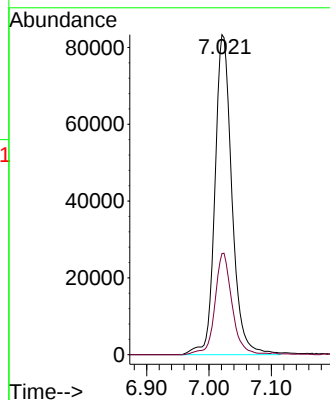
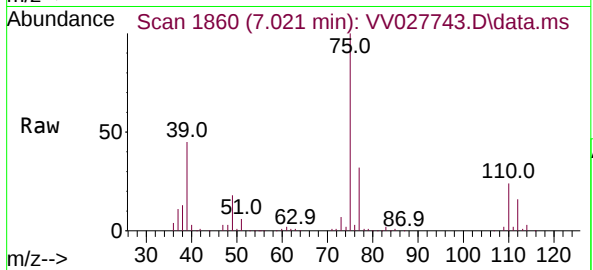
VSTD010230

Tgt Ion: 75 Resp: 157877

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 99.696 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.019 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

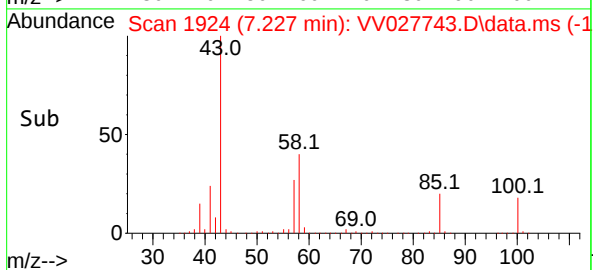
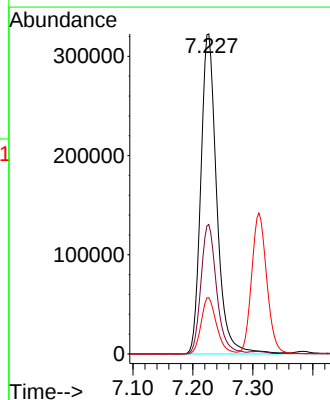
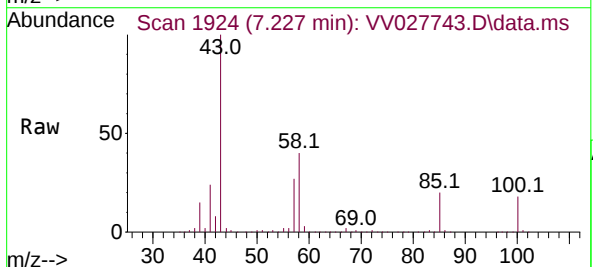
Tgt Ion: 43 Resp: 597273

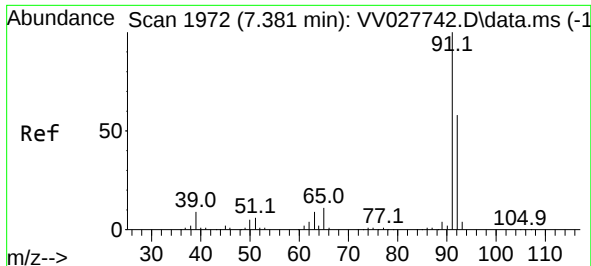
Ion Ratio Lower Upper

43 100

58 39.9 30.9 46.3

100 17.1 13.4 20.0

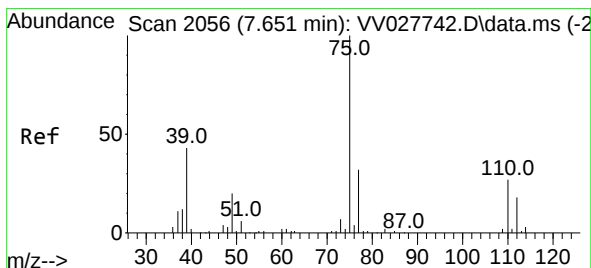
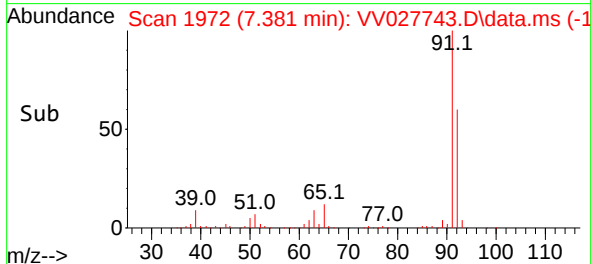
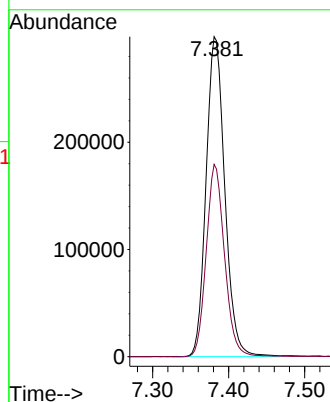
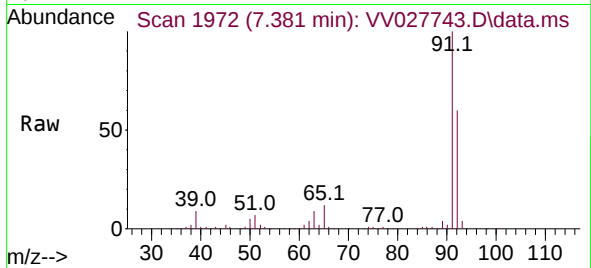




#42
Toluene
Concen: 9.478 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

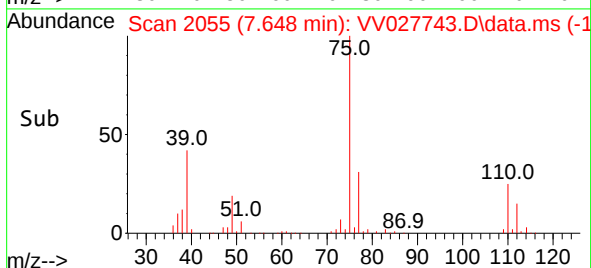
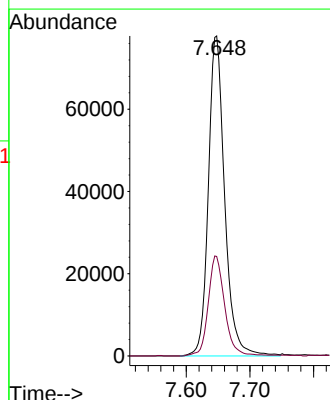
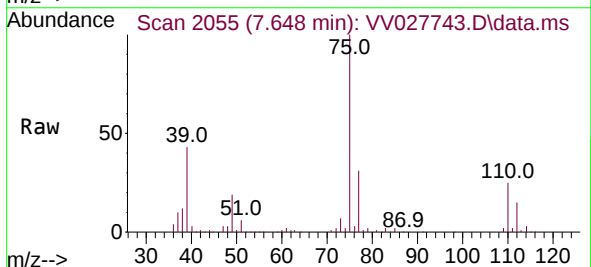
Instrument : MSVOA_V
ClientSampleId : VSTD010230

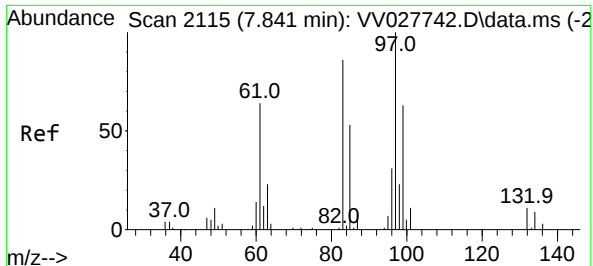
Tgt Ion: 91 Resp: 510569
Ion Ratio Lower Upper
91 100
92 60.1 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 10.214 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

Tgt Ion: 75 Resp: 138596
Ion Ratio Lower Upper
75 100
77 31.1 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 8.870 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. -0.006 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD010230

Tgt Ion: 97 Resp: 77938

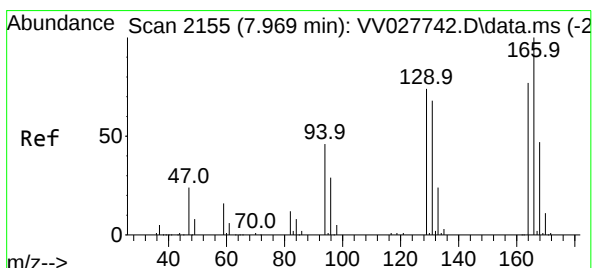
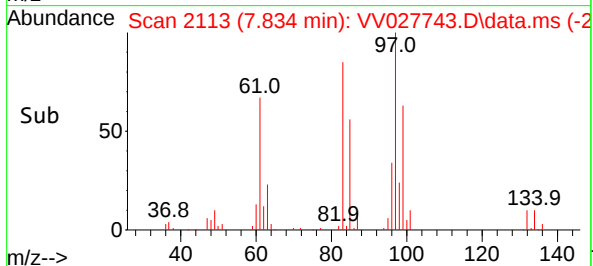
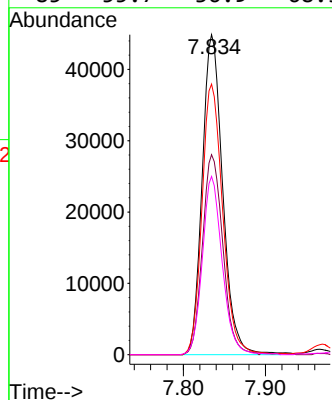
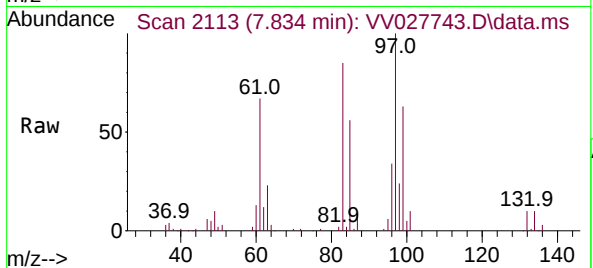
Ion Ratio Lower Upper

97 100

99 62.5 44.2 82.0

83 84.5 60.3 112.1

85 55.7 36.9 68.5



#47

Tetrachloroethene

Concen: 9.251 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

Tgt Ion:164 Resp: 100733

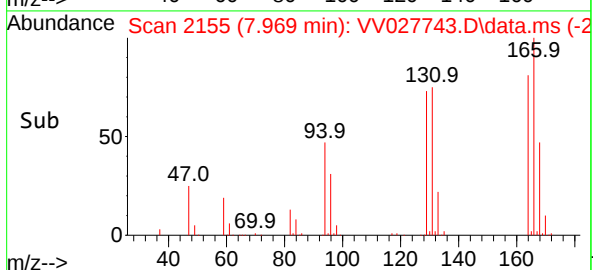
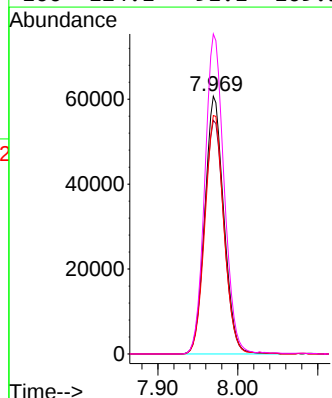
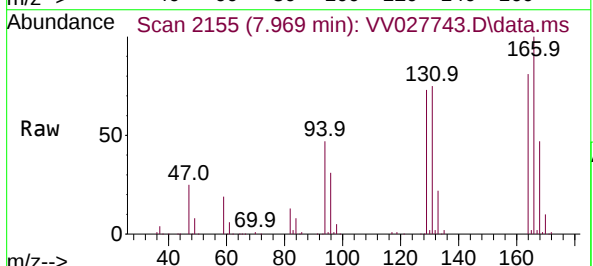
Ion Ratio Lower Upper

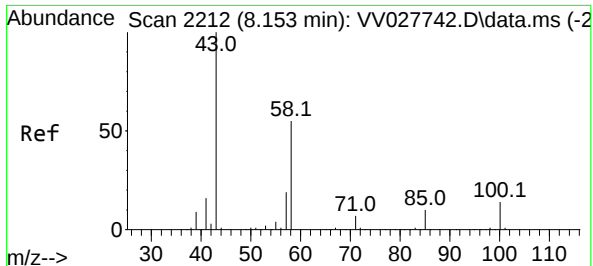
164 100

129 90.6 67.2 124.8

131 92.5 61.5 114.3

166 124.1 91.1 169.3



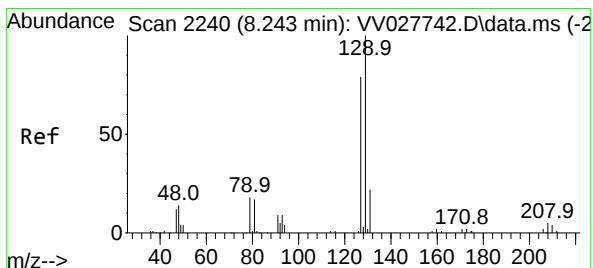
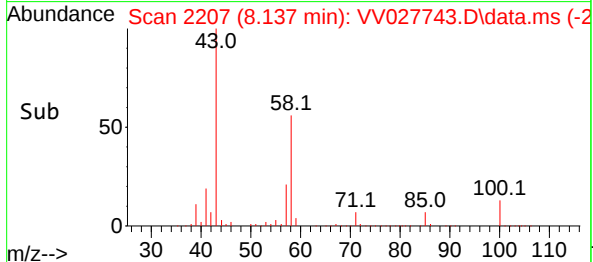
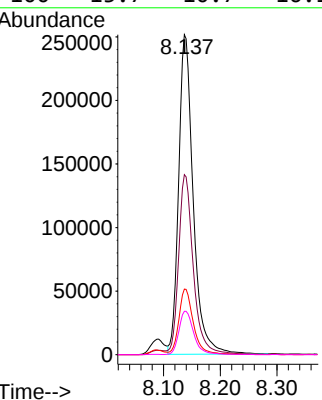
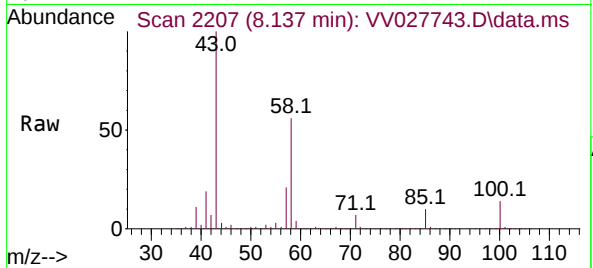


#48
2-Hexanone
Concen: 99.963 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.016 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD010230

Tgt Ion: 43 Resp: 449417

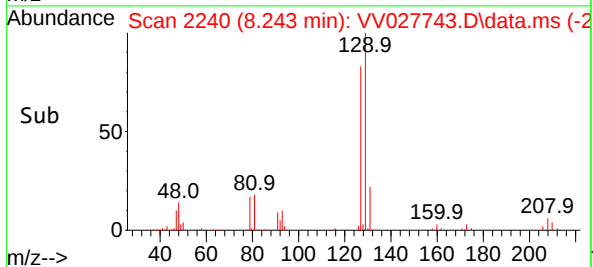
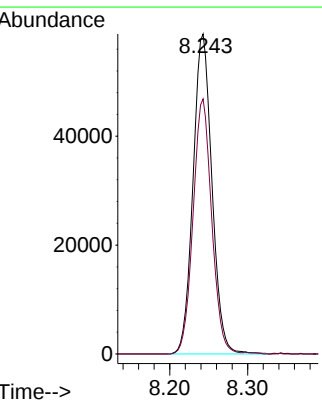
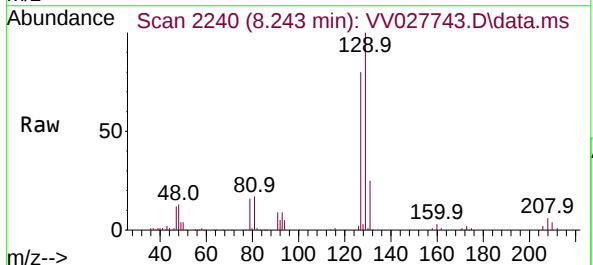
Ion	Ratio	Lower	Upper
43	100		
58	56.4	43.2	64.8
57	20.5	15.6	23.4
100	13.7	10.7	16.1

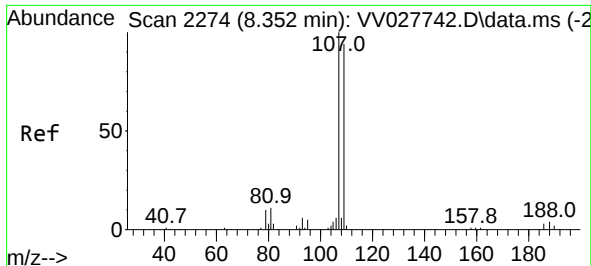


#49
Dibromochloromethane
Concen: 9.442 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

Tgt Ion: 129 Resp: 99049

Ion	Ratio	Lower	Upper
129	100		
127	79.7	55.2	102.6





#50

1,2-Dibromoethane

Concen: 9.095 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD010230

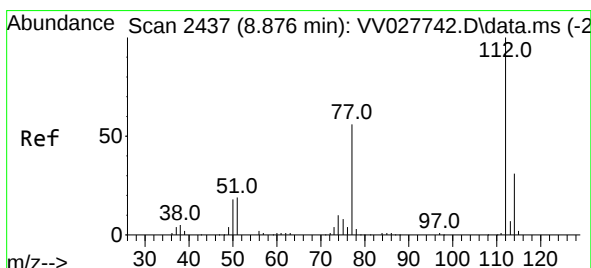
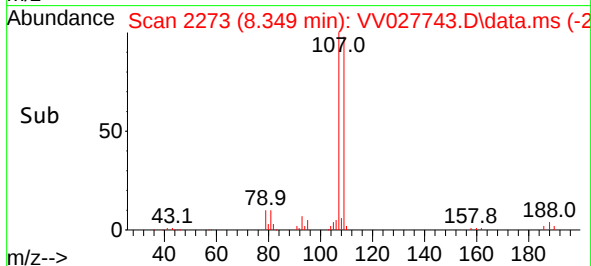
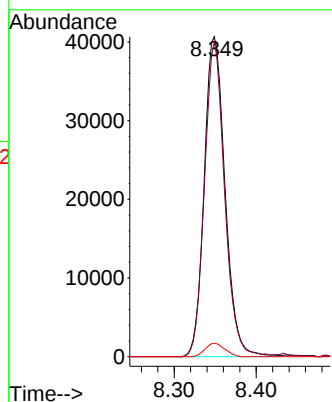
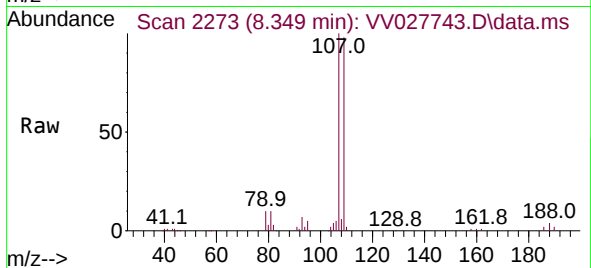
Tgt Ion:107 Resp: 71872

Ion Ratio Lower Upper

107 100

109 98.4 65.9 122.5

188 4.2 3.1 4.7



#51

Chlorobenzene

Concen: 9.426 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.000 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

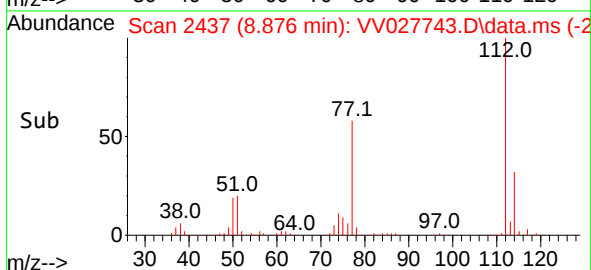
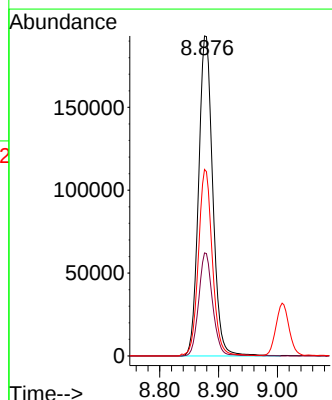
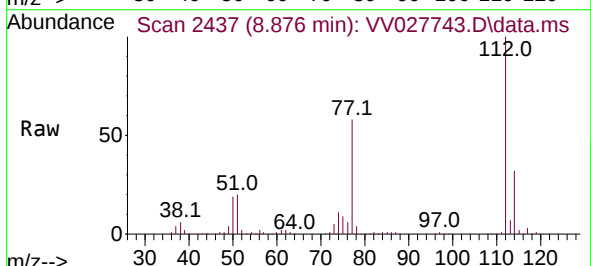
Tgt Ion:112 Resp: 323006

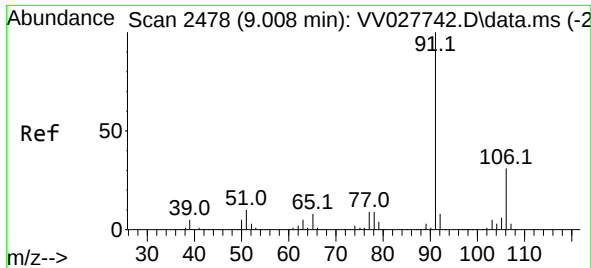
Ion Ratio Lower Upper

112 100

114 32.2 21.7 40.3

77 58.3 45.3 67.9





#52

Ethylbenzene

Concen: 9.774 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. -0.000 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

Instrument :

MSVOA_V

ClientSampleId :

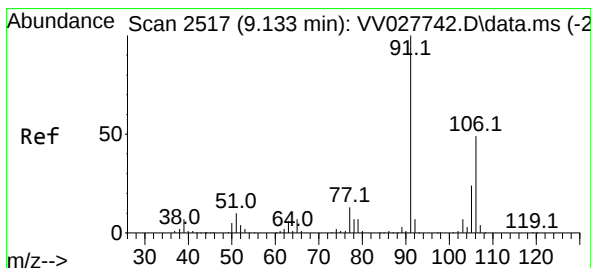
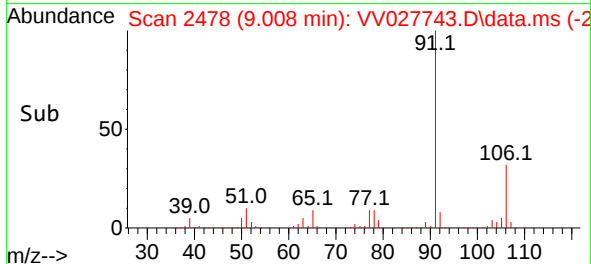
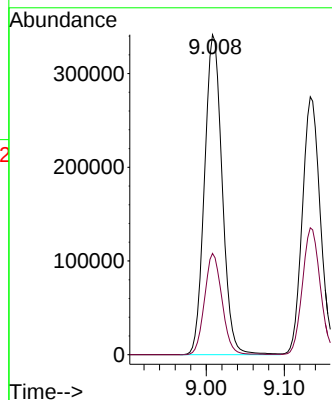
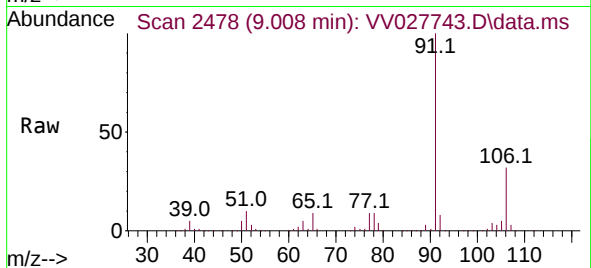
VSTD010230

Tgt Ion: 91 Resp: 538081

Ion Ratio Lower Upper

91 100

106 31.7 22.0 40.8



#53

m,p-Xylene

Concen: 10.206 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. -0.000 min

Lab File: VV027743.D

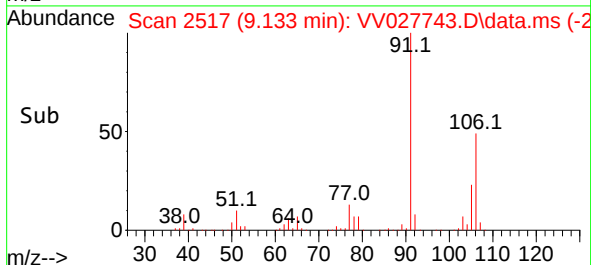
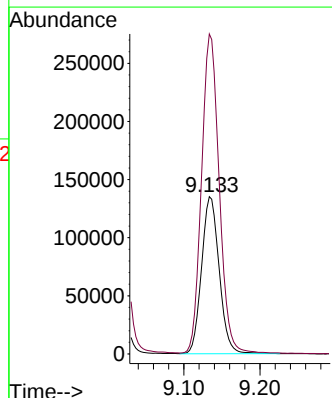
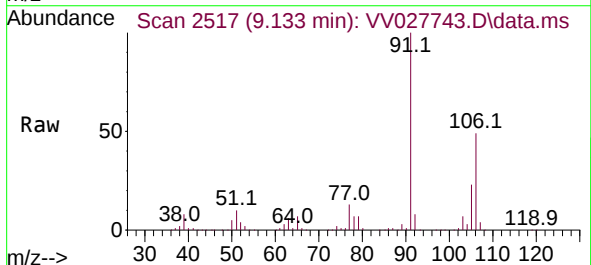
Acq: 06 Sep 2022 15:35

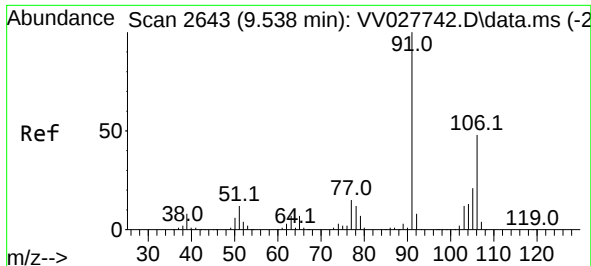
Tgt Ion: 106 Resp: 217023

Ion Ratio Lower Upper

106 100

91 203.4 142.4 264.4

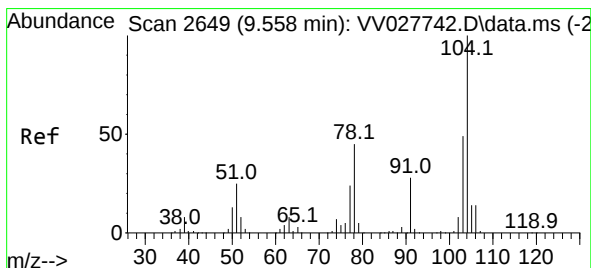
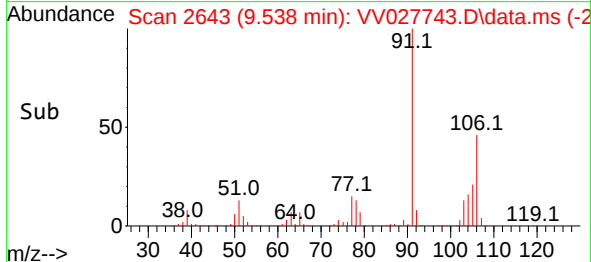
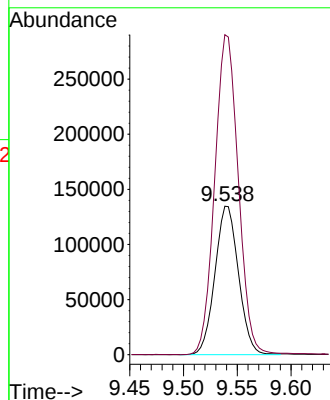
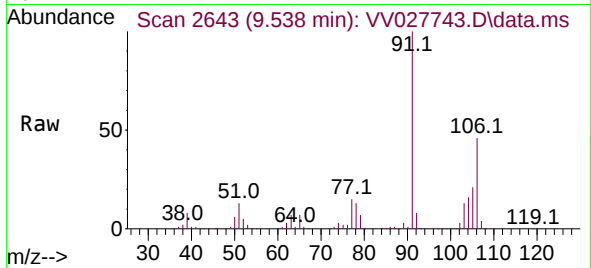




#54
o-Xylene
Concen: 10.119 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.000 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

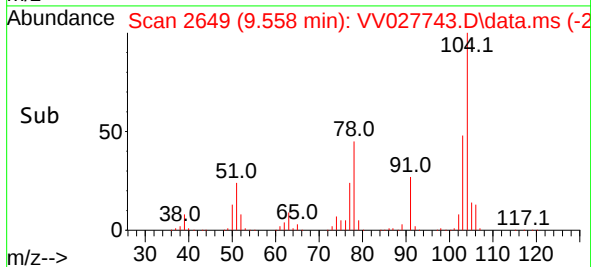
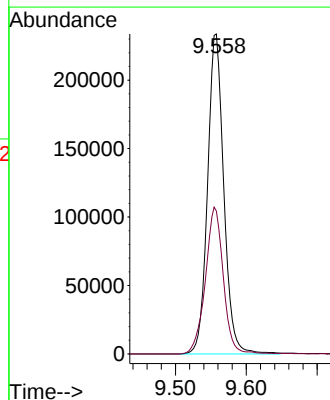
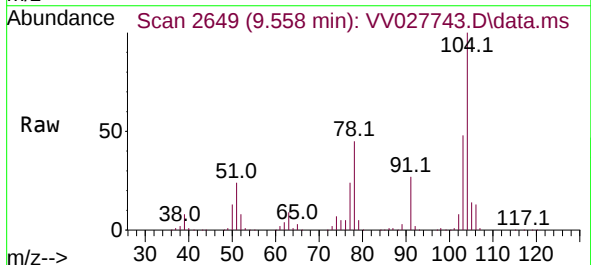
Instrument :
MSVOA_V
ClientSampleId :
VSTD010230

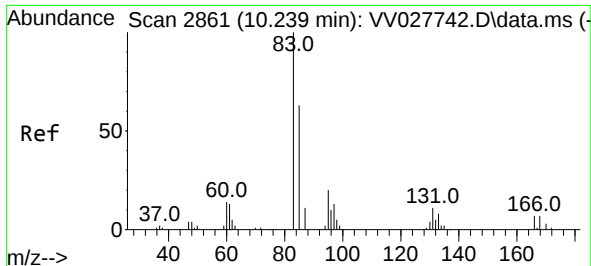
Tgt Ion:106 Resp: 205355
Ion Ratio Lower Upper
106 100
91 215.5 147.5 273.9



#55
Styrene
Concen: 10.765 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

Tgt Ion:104 Resp: 371879
Ion Ratio Lower Upper
104 100
78 44.6 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 9.074 ug/L

RT: 10.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD010230

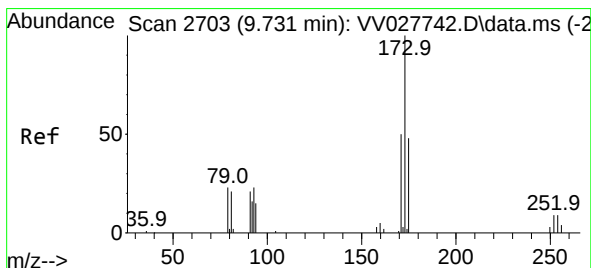
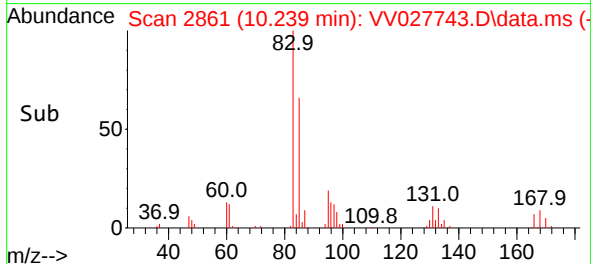
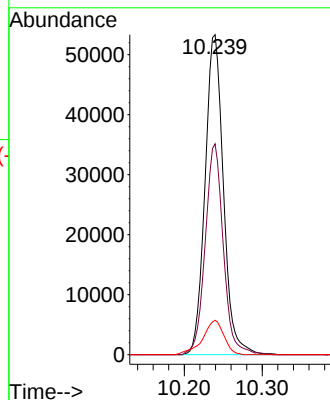
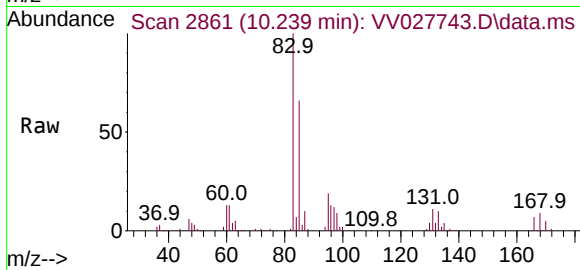
Tgt Ion: 83 Resp: 87666

Ion Ratio Lower Upper

83 100

85 65.9 44.7 83.1

131 10.8 8.5 12.7



#59

Bromoform

Concen: 8.915 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.003 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

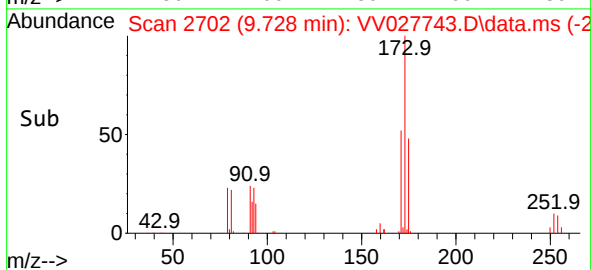
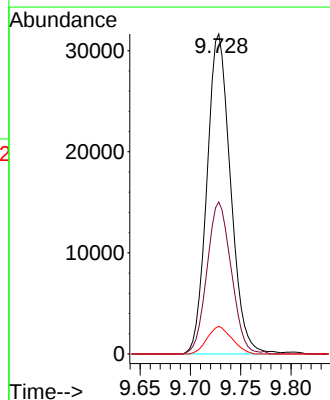
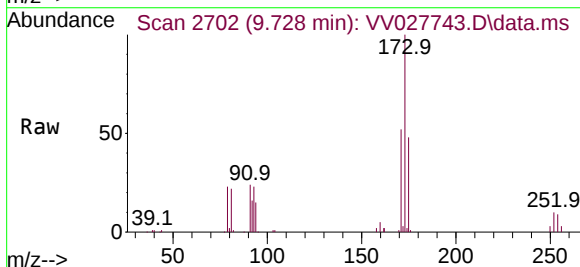
Tgt Ion: 173 Resp: 51616

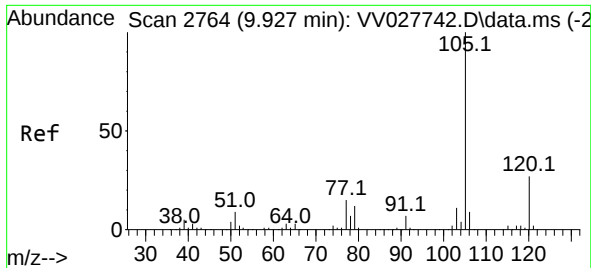
Ion Ratio Lower Upper

173 100

175 48.9 38.4 57.6

254 9.0 6.8 10.2

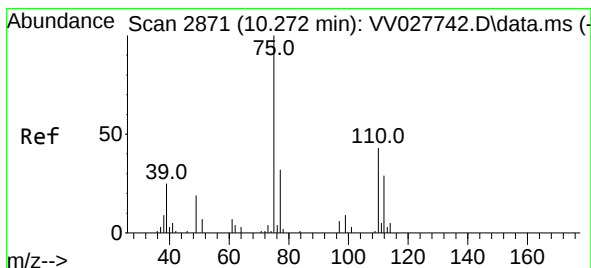
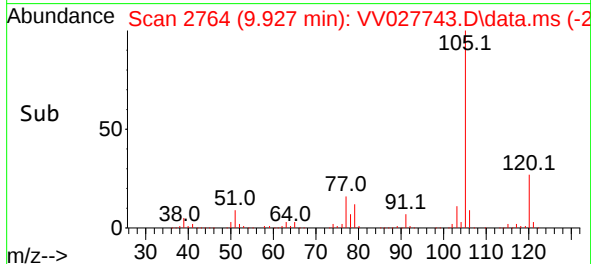
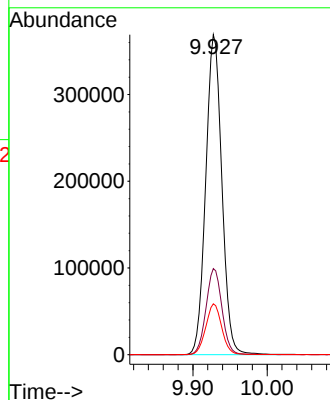
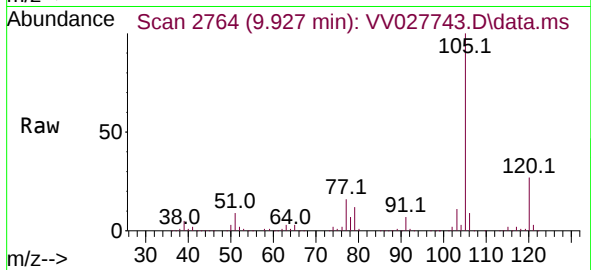




#60
Isopropylbenzene
Concen: 9.012 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

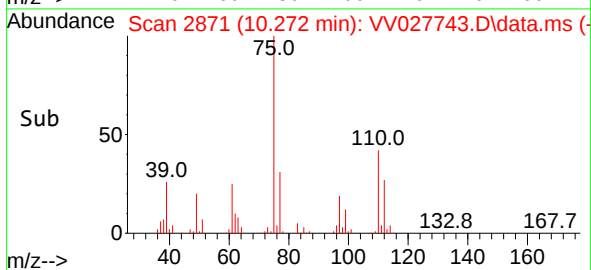
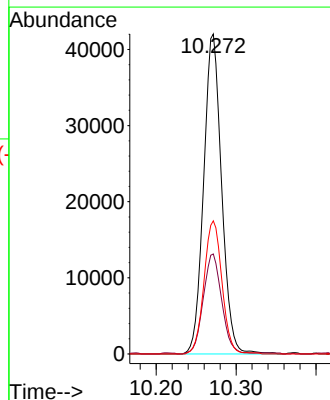
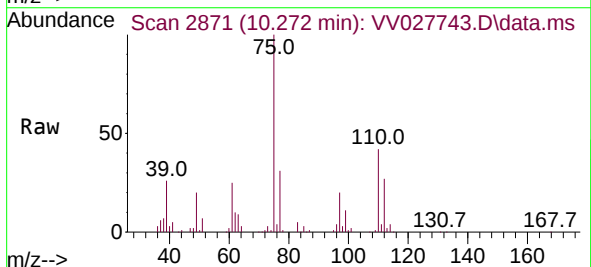
Instrument :
MSVOA_V
ClientSampleId :
VSTD010230

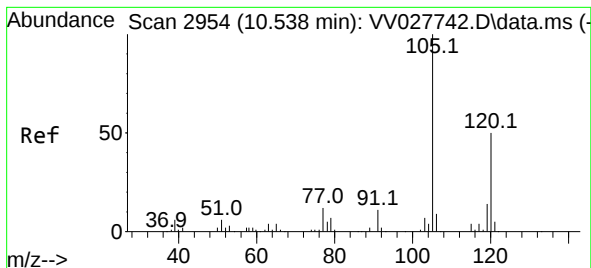
Tgt Ion:105 Resp: 555847
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.8 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 8.184 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

Tgt Ion: 75 Resp: 65783
Ion Ratio Lower Upper
75 100
77 32.1 27.6 41.4
110 41.6 35.6 53.4





#62

1,3,5-Trimethylbenzene

Concen: 8.840 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

Instrument :

MSVOA_V

ClientSampleId :

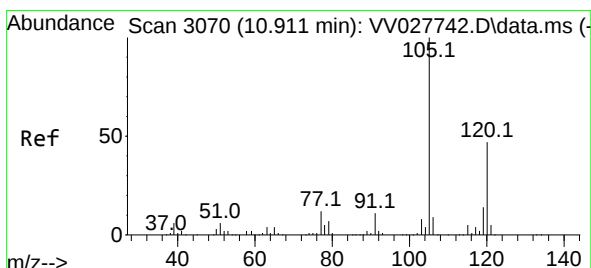
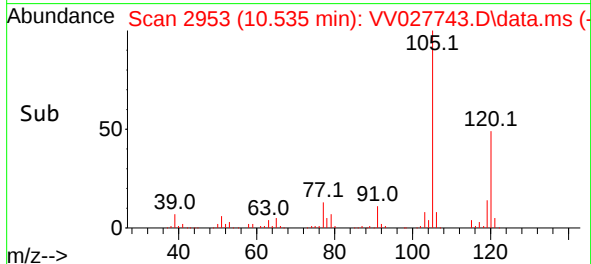
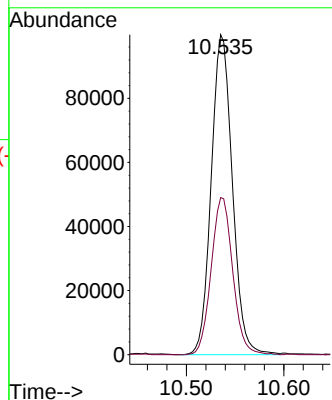
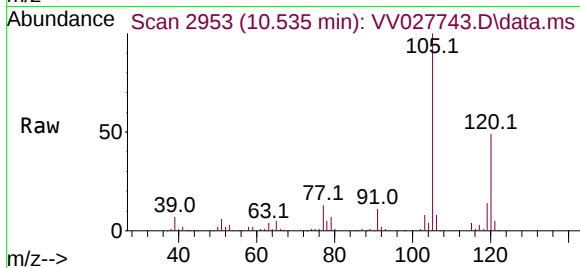
VSTD010230

Tgt Ion:105 Resp: 150790

Ion Ratio Lower Upper

105 100

120 50.0 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 9.580 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV027743.D

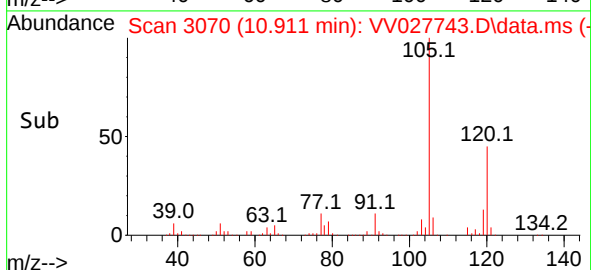
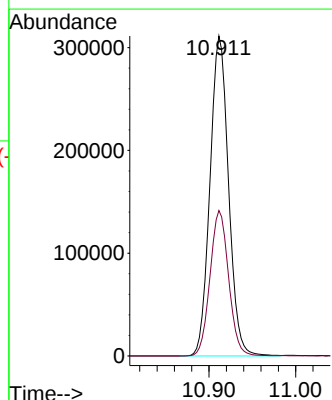
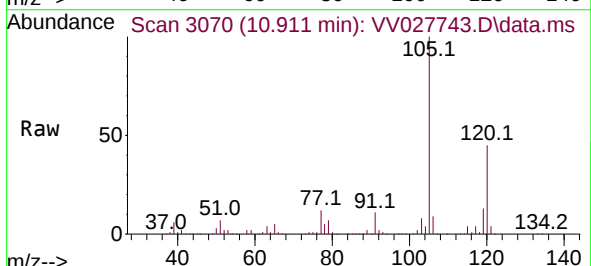
Acq: 06 Sep 2022 15:35

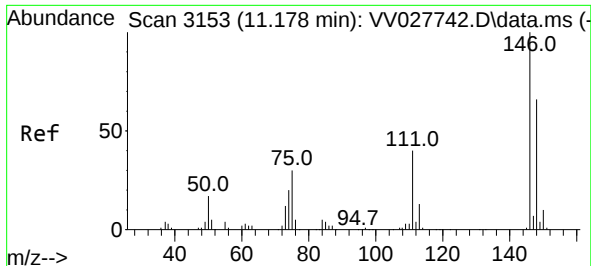
Tgt Ion:105 Resp: 464089

Ion Ratio Lower Upper

105 100

120 45.6 37.4 56.0

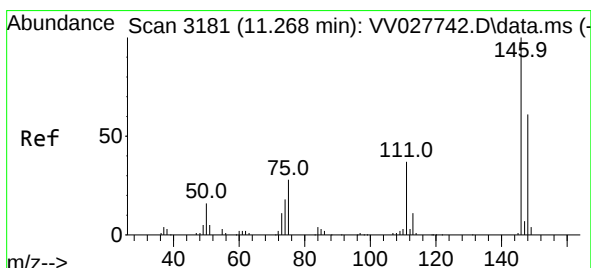
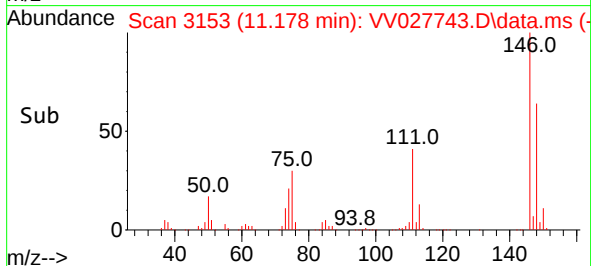
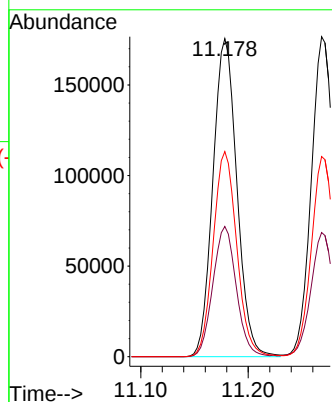
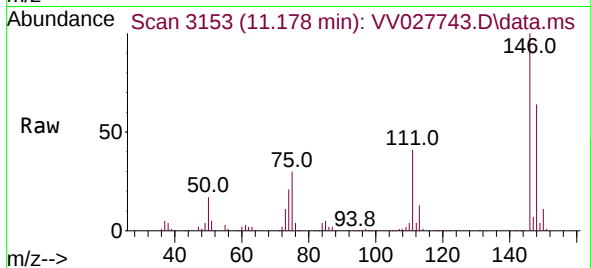




#64
1,3-Dichlorobenzene
Concen: 9.191 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

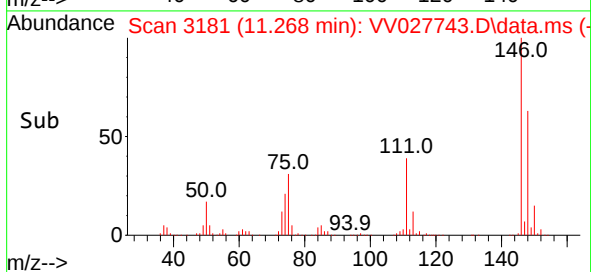
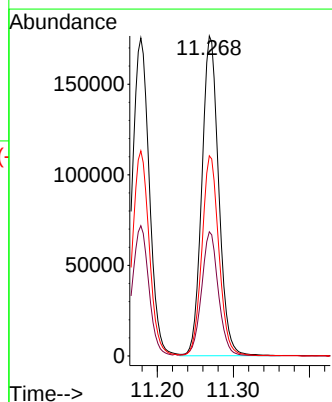
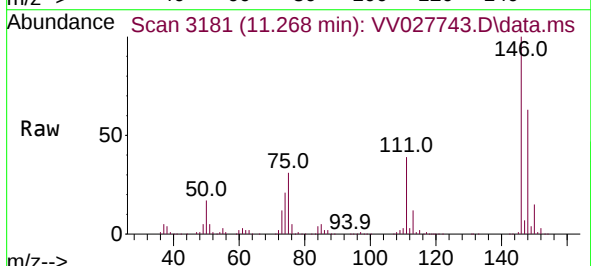
Instrument :
MSVOA_V
ClientSampleId :
VSTD010230

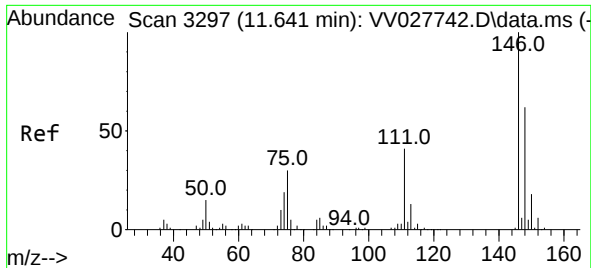
Tgt Ion:146 Resp: 272195
Ion Ratio Lower Upper
146 100
111 40.9 27.9 51.9
148 64.5 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 9.184 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

Tgt Ion:146 Resp: 271712
Ion Ratio Lower Upper
146 100
111 38.8 26.5 49.3
148 62.5 42.8 79.4

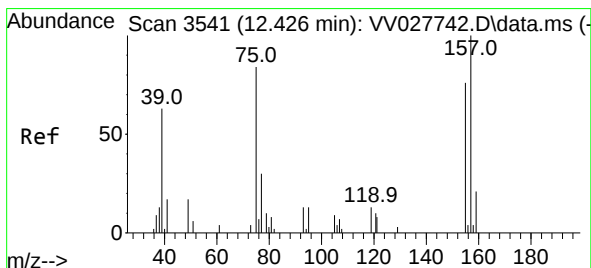
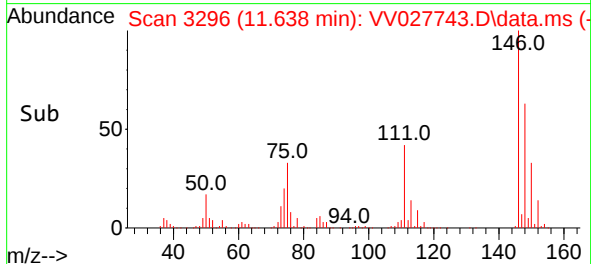
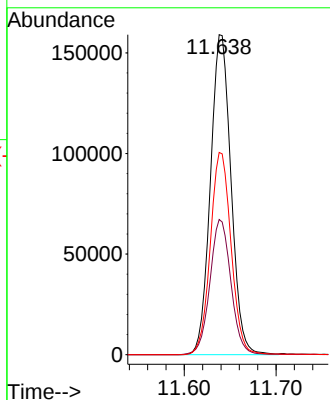
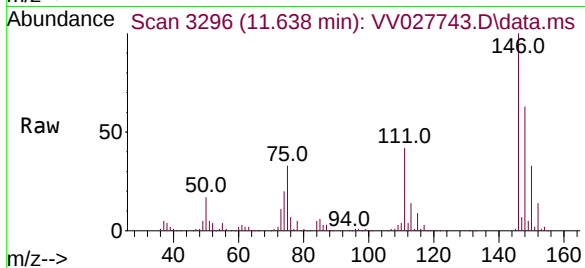




#67
1,2-Dichlorobenzene
Concen: 9.293 ug/L
RT: 11.638 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

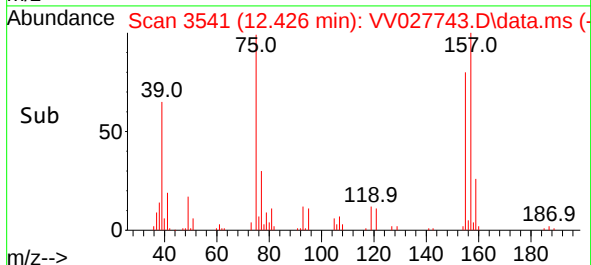
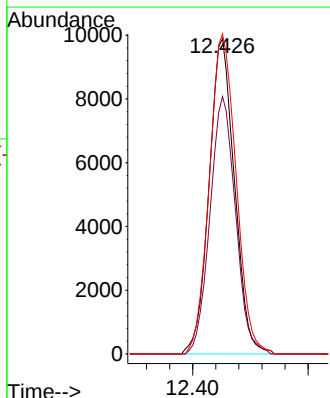
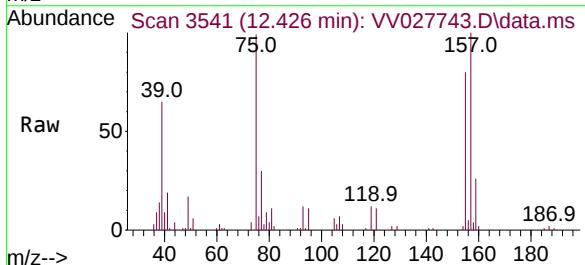
Instrument :
MSVOA_V
ClientSampleId :
VSTD010230

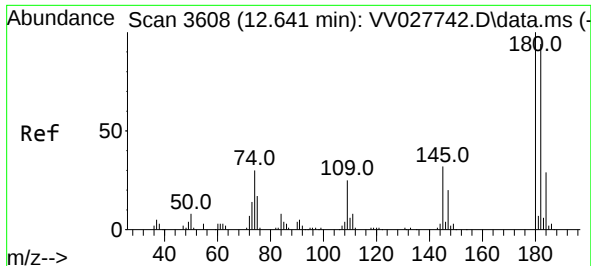
Tgt Ion:146 Resp: 247925
Ion Ratio Lower Upper
146 100
111 42.3 33.1 49.7
148 63.2 49.8 74.6



#68
1,2-Dibromo-3-chloropropane
Concen: 9.342 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

Tgt Ion: 75 Resp: 15089
Ion Ratio Lower Upper
75 100
155 81.6 71.9 107.9
157 101.5 95.1 142.7





#69

1,3,5-Trichlorobenzene

Concen: 10.135 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD010230

Tgt Ion:180 Resp: 218148

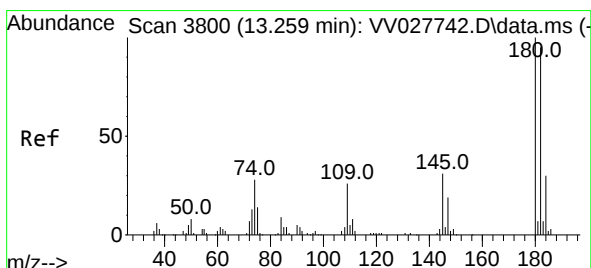
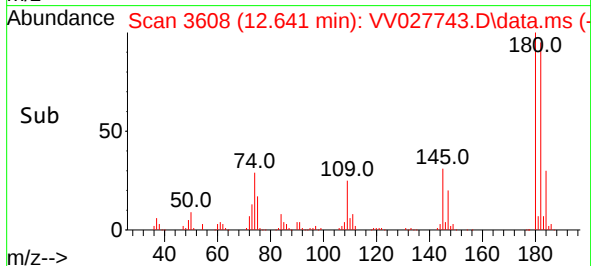
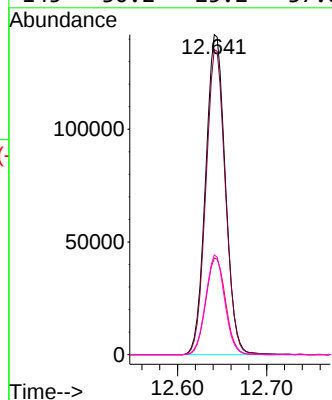
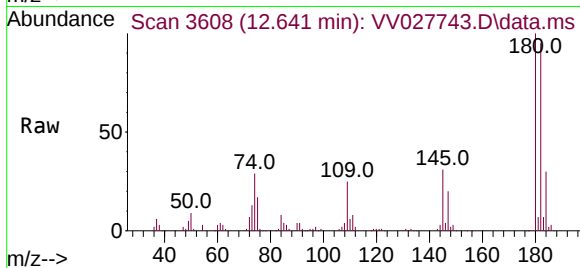
Ion Ratio Lower Upper

180 100

182 94.3 75.8 113.8

184 30.2 23.8 35.6

145 30.2 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 10.594 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV027743.D

Acq: 06 Sep 2022 15:35

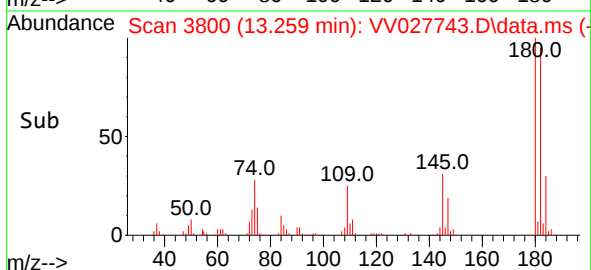
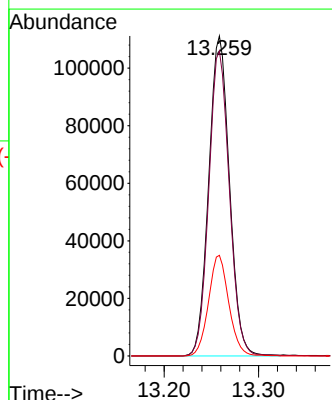
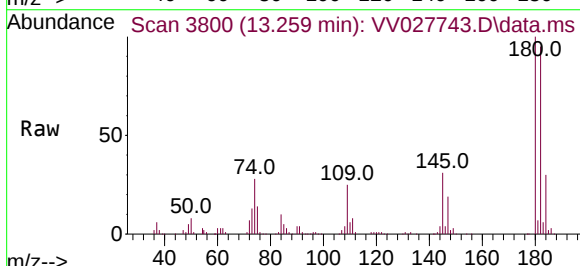
Tgt Ion:180 Resp: 169448

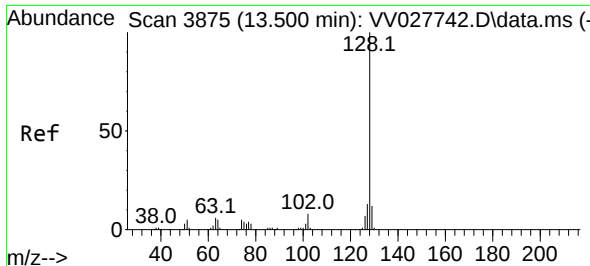
Ion Ratio Lower Upper

180 100

182 94.4 76.6 114.8

145 30.8 24.6 37.0

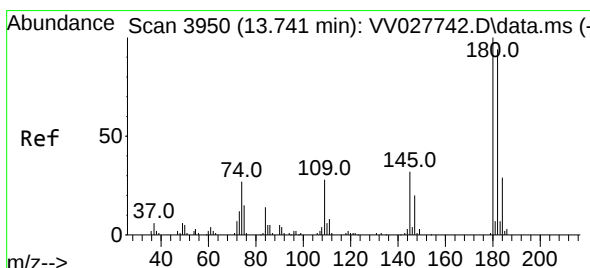
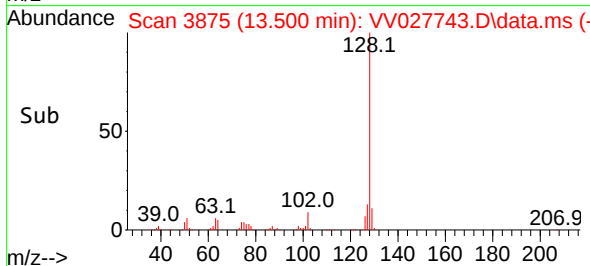
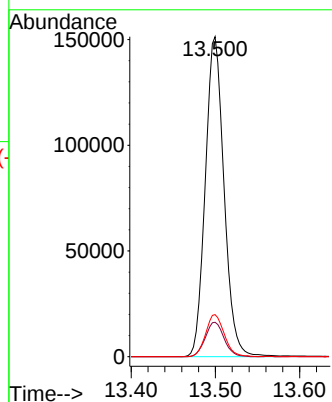
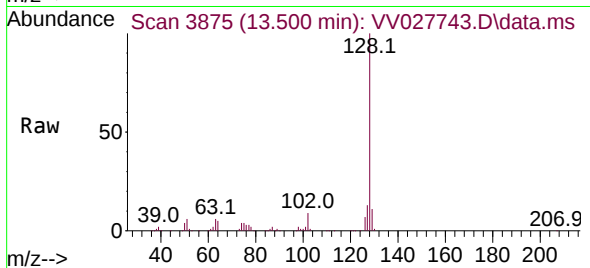




#71
Naphthalene
Concen: 9.329 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD010230

Tgt Ion:128 Resp: 234477
Ion Ratio Lower Upper
128 100
129 10.8 9.2 13.8
127 13.1 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 10.664 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027743.D
Acq: 06 Sep 2022 15:35

Tgt Ion:180 Resp: 154068
Ion Ratio Lower Upper
180 100
182 94.4 76.5 114.7
145 33.0 26.5 39.7

