

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
 Data File : VV028548.D
 Acq On : 14 Oct 2022 12:56
 Operator : SY/MD
 Sample : VSTD00560
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005260

Quant Time: Oct 15 01:43:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 01:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.587	114	283163	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	206328	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	105277	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	117503	5.448	ug/L	0.00
7) Chloroethane-d5	1.558	69	95452	5.277	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	208376	5.221	ug/L	0.00
20) 2-Butanone-d5	3.944	46	282036	70.431	ug/L	0.00
24) Chloroform-d	4.346	84	184746	4.868	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	105757	5.704	ug/L	0.00
32) Benzene-d6	5.040	84	368738	6.087	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.047	67	115021	6.593	ug/L	0.00
41) Toluene-d8	7.326	98	275866	5.259	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	35687	5.569	ug/L	0.00
46) 2-Hexanone-d5	8.114	63	164216	61.587	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	67619	5.422	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	87276	4.827	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	70538	3.440	ug/L	100
3) Chloromethane	1.230	50	126578	5.773	ug/L	100
5) Vinyl chloride	1.301	62	120274	5.065	ug/L	100
6) Bromomethane	1.513	94	50796	4.558	ug/L	100
8) Chloroethane	1.574	64	74594	4.777	ug/L	100
9) Trichlorofluoromethane	1.741	101	144853	4.255	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	83799	4.395	ug/L	100
12) 1,1-Dichloroethene	2.108	96	79929	4.213	ug/L	100
13) Acetone	2.233	43	144798	57.480	ug/L	91
14) Carbon disulfide	2.282	76	229110	3.902	ug/L	100
15) Methyl Acetate	2.449	43	50224	7.046	ug/L	100
16) Methylene chloride	2.497	84	107083	4.785	ug/L	100
17) Methyl tert-butyl Ether	2.773	73	220149	5.298	ug/L	100
18) trans-1,2-Dichloroethene	2.745	96	88252	4.413	ug/L	100
19) 1,1-Dichloroethane	3.175	63	200914	5.561	ug/L	100
21) 2-Butanone	4.031	43	270419	68.721	ug/L	100
22) cis-1,2-Dichloroethene	3.896	96	100920	4.860	ug/L	100
23) Bromochloromethane	4.240	128	36629	4.175	ug/L	100
25) Chloroform	4.371	83	188934	4.921	ug/L	100
27) 1,2-Dichloroethane	5.127	62	121351	5.648	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	151863	5.774	ug/L	100
30) Cyclohexane	4.661	56	180298	7.302	ug/L	100
31) Carbon tetrachloride	4.815	117	125871	5.423	ug/L	100
33) Benzene	5.088	78	385914	6.010	ug/L	100
34) Trichloroethene	5.879	95	80503	5.193	ug/L	100
35) Methylcyclohexane	6.088	83	155392	6.088	ug/L	91
37) 1,2-Dichloropropane	6.153	63	87598	5.940	ug/L	100
38) Bromodichloromethane	6.513	83	100794	5.142	ug/L	100
39) cis-1,3-Dichloropropene	7.043	75	118636	5.680	ug/L	100
40) 4-Methyl-2-pentanone	7.262	43	513952	71.378	ug/L	100
42) Toluene	7.400	91	343331	5.333	ug/L	100
44) trans-1,3-Dichloropropene	7.664	75	95513	5.463	ug/L	100

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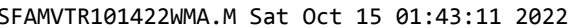
Quant Time: Oct 15 01:43:03 2022
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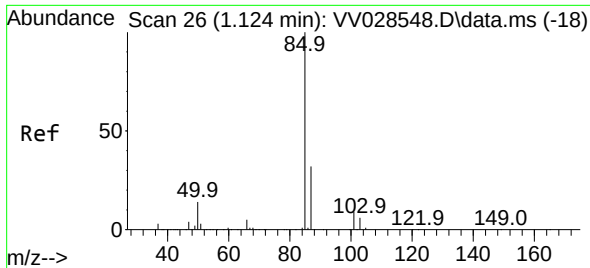
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.854	97	51359	4.934	ug/L	100
47) Tetrachloroethene	7.982	164	55259	4.330	ug/L	100
48) 2-Hexanone	8.162	43	352861	71.808	ug/L	100
49) Dibromochloromethane	8.256	129	54598	4.339	ug/L	100
50) 1,2-Dibromoethane	8.362	107	45517	4.948	ug/L	100
51) Chlorobenzene	8.886	112	210378	4.999	ug/L	100
52) Ethylbenzene	9.014	91	380520	5.591	ug/L	100
53) m,p-Xylene	9.140	106	139675	5.271	ug/L	100
54) o-Xylene	9.542	106	140402	5.521	ug/L	100
55) Styrene	9.561	104	234629	5.438	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	61520	5.224	ug/L	100
59) Bromoform	9.731	173	25184	3.918	ug/L	100
60) Isopropylbenzene	9.928	105	375636	5.755	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	45122	5.530	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	111241	5.892	ug/L	100
63) 1,2,4-Trimethylbenzene	10.908	105	309869	5.834	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	156797	5.057	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	152126	4.929	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	140825	5.000	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.419	75	9691	5.211	ug/L	100
69) 1,3,5-Trichlorobenzene	12.638	180	117792	4.827	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	89291	4.784	ug/L	100
71) Naphthalene	13.493	128	135707	4.591	ug/L	100
72) 1,2,3-Trichlorobenzene	13.734	180	74727	4.499	ug/L	100

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

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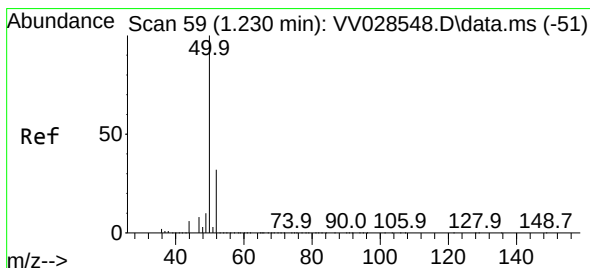
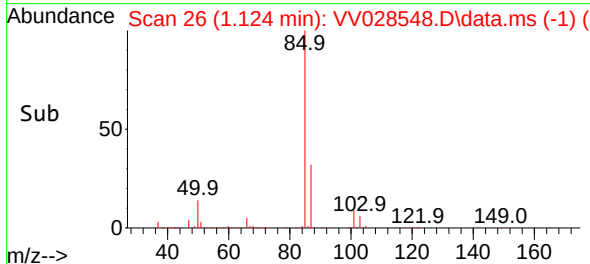
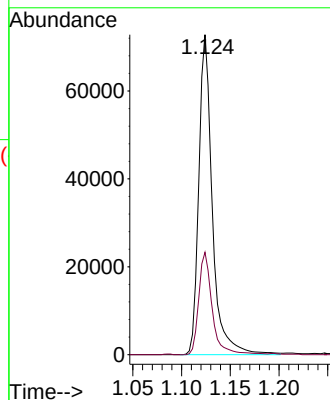
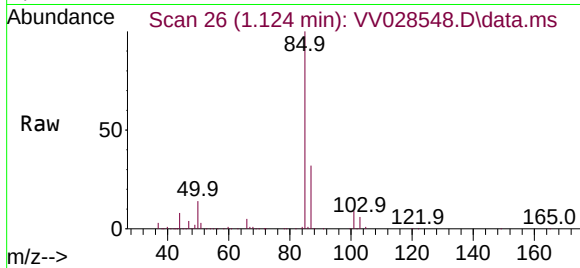




#2
 Dichlorodifluoromethane
 Concen: 3.440 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV028548.D
 Acq: 14 Oct 2022 12:56

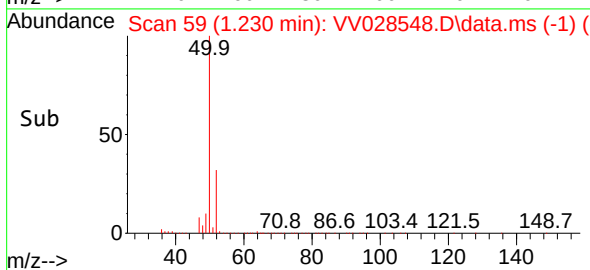
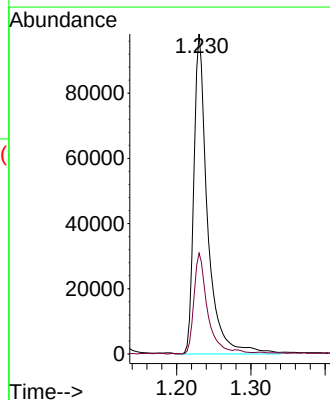
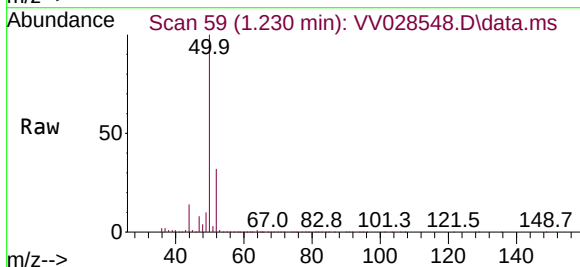
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005260

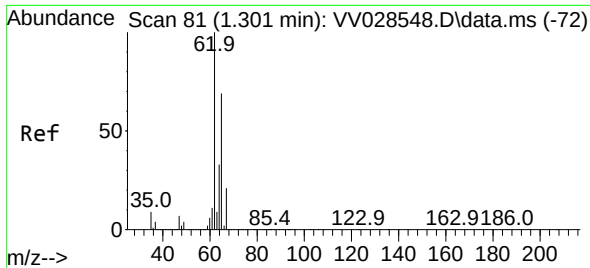
Tgt Ion: 85 Resp: 70538
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.4 38.2



#3
 Chloromethane
 Concen: 5.773 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VV028548.D
 Acq: 14 Oct 2022 12:56

Tgt Ion: 50 Resp: 126578
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.0 41.0

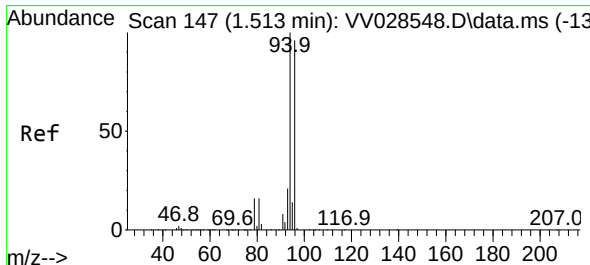
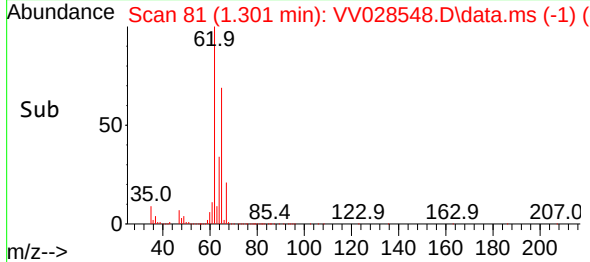
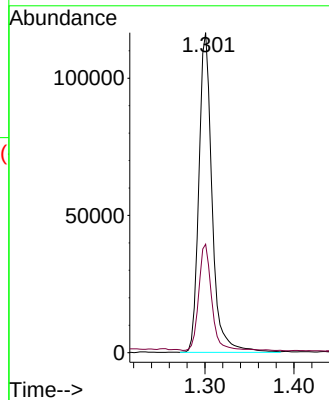
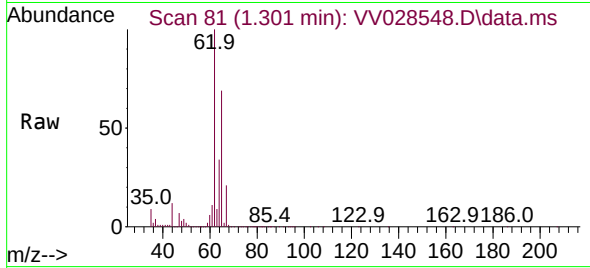




#5
 Vinyl chloride
 Concen: 5.065 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028548.D
 Acq: 14 Oct 2022 12:56

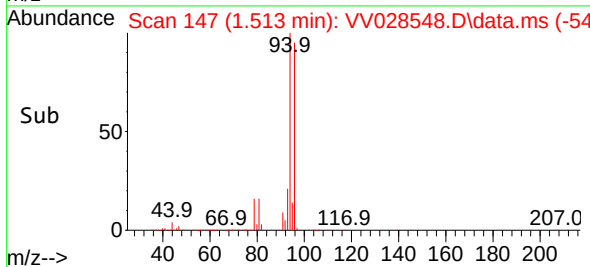
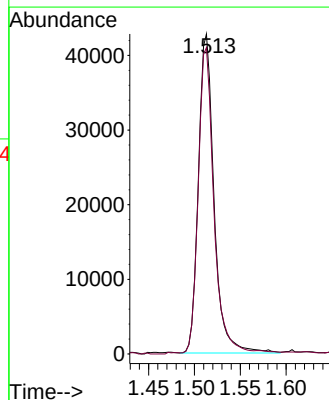
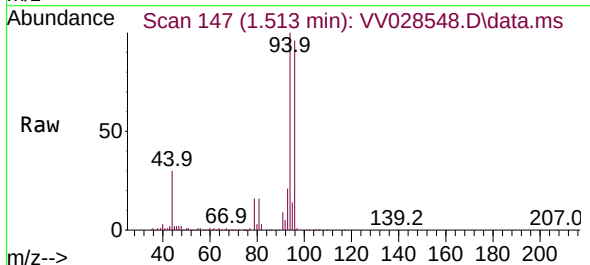
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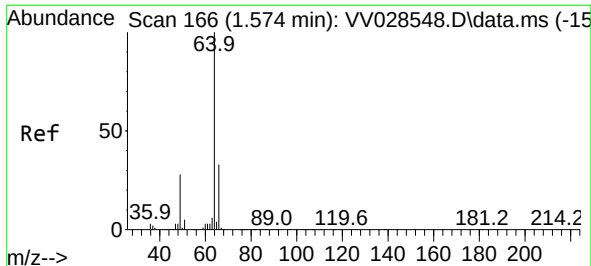
Tgt Ion: 62 Resp: 120274
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.7 44.1



#6
 Bromomethane
 Concen: 4.558 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VV028548.D
 Acq: 14 Oct 2022 12:56

Tgt Ion: 94 Resp: 50796
 Ion Ratio Lower Upper
 94 100
 96 95.7 67.0 124.4

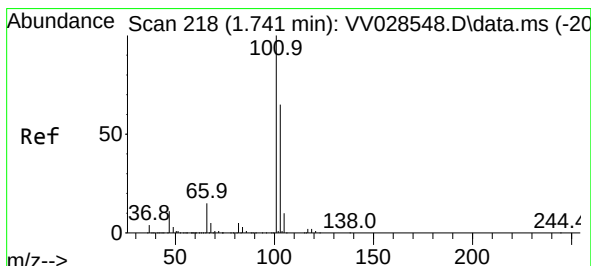
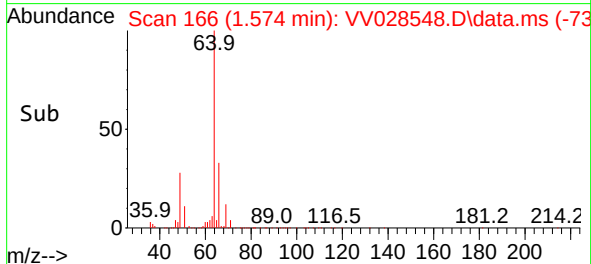
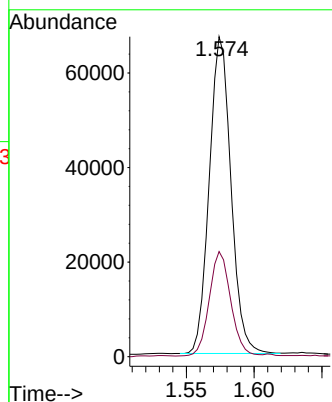
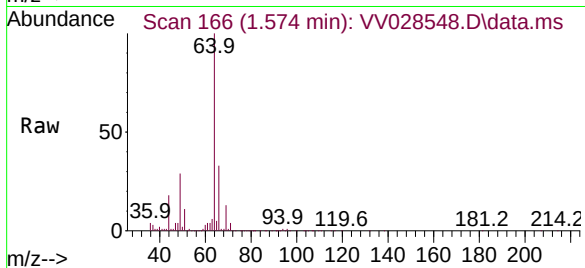




#8
Chloroethane
Concen: 4.777 ug/L
RT: 1.574 min Scan# 166
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

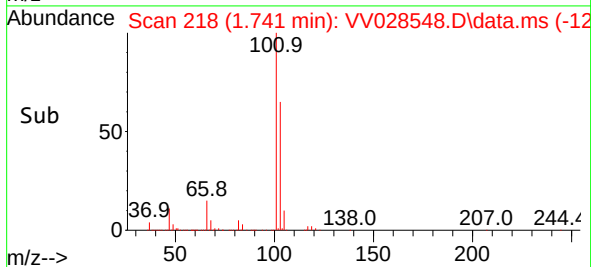
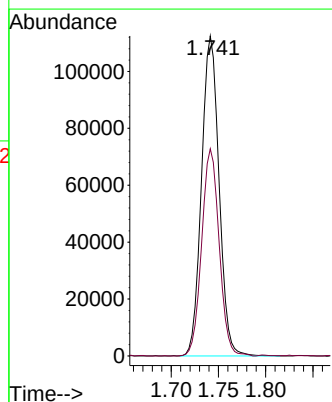
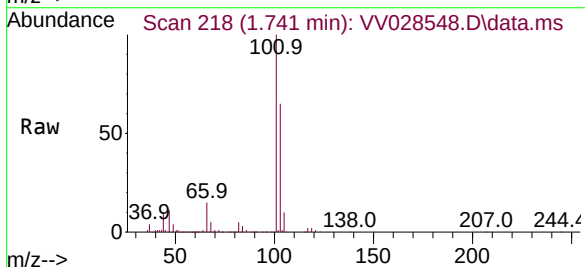
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ClientSampleId :
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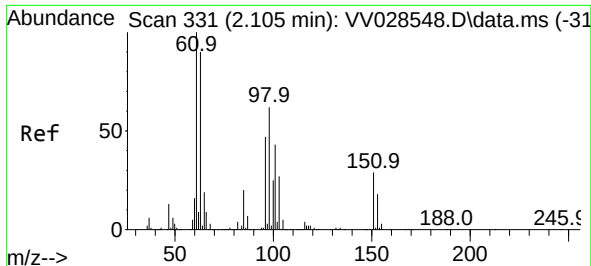
Tgt Ion: 64 Resp: 74594
Ion Ratio Lower Upper
64 100
66 32.9 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.255 ug/L
RT: 1.741 min Scan# 218
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

Tgt Ion: 101 Resp: 144853
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

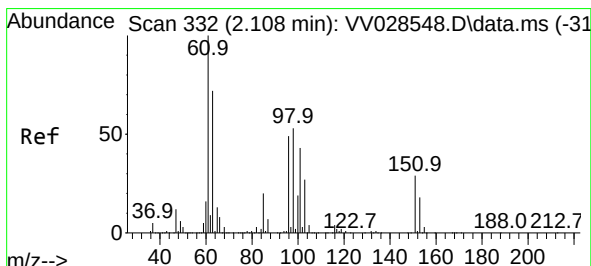
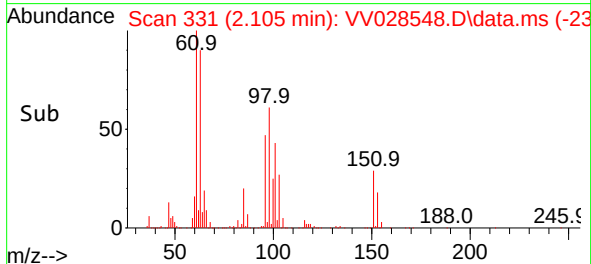
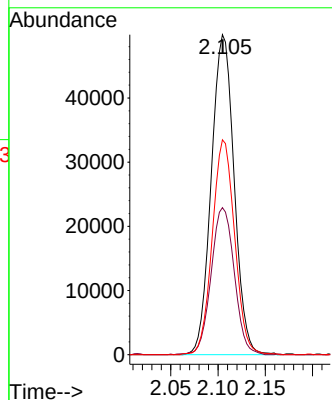
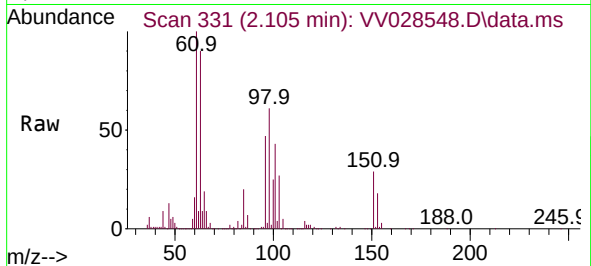




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.395 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. 0.000 min
 Lab File: VV028548.D
 Acq: 14 Oct 2022 12:56

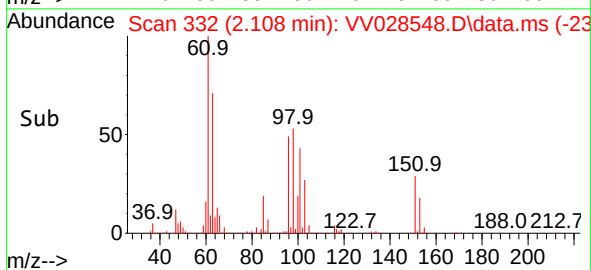
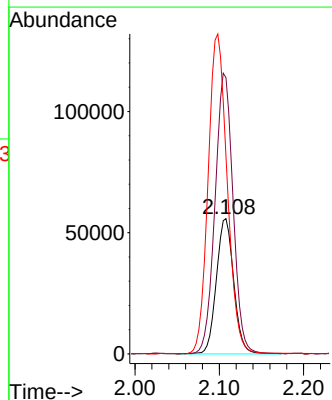
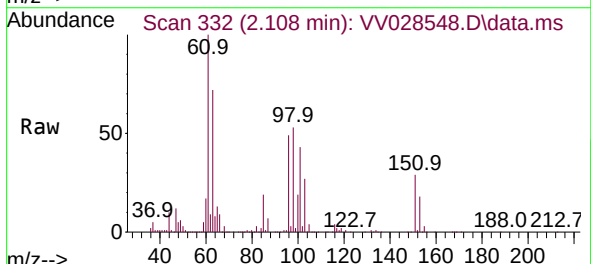
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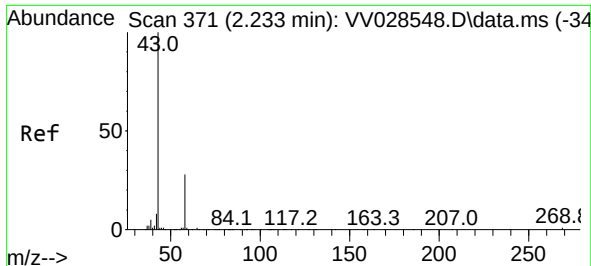
Tgt Ion:101 Resp: 83799
 Ion Ratio Lower Upper
 101 100
 85 46.6 37.3 55.9
 151 66.0 52.8 79.2



#12
 1,1-Dichloroethene
 Concen: 4.213 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. 0.000 min
 Lab File: VV028548.D
 Acq: 14 Oct 2022 12:56

Tgt Ion: 96 Resp: 79929
 Ion Ratio Lower Upper
 96 100
 61 204.2 142.9 265.5
 63 146.2 102.3 190.1





#13

Acetone

Concen: 57.480 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV028548.D

Acq: 14 Oct 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

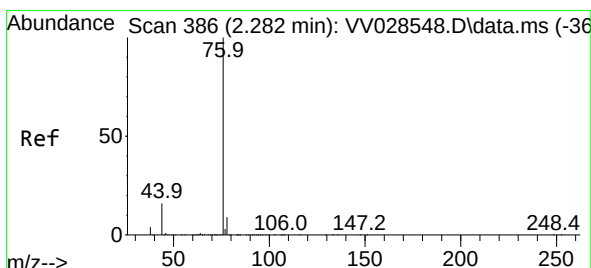
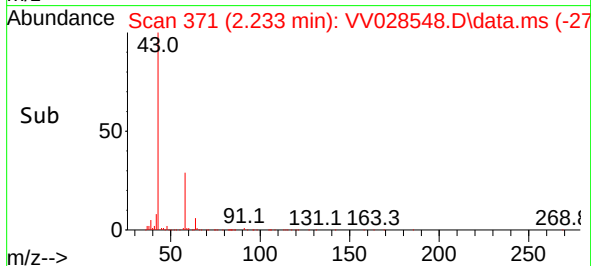
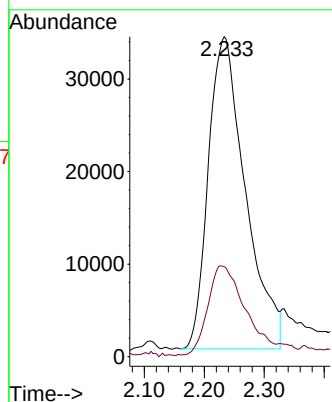
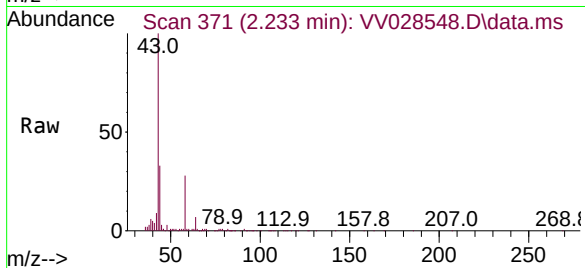
VSTD005260

Tgt Ion: 43 Resp: 144798

Ion Ratio Lower Upper

43 100

58 28.6 0.0 48.6



#14

Carbon disulfide

Concen: 3.902 ug/L

RT: 2.282 min Scan# 386

Delta R.T. 0.000 min

Lab File: VV028548.D

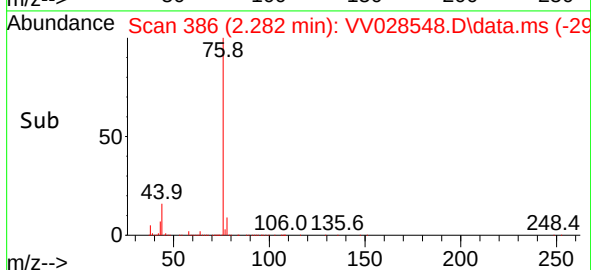
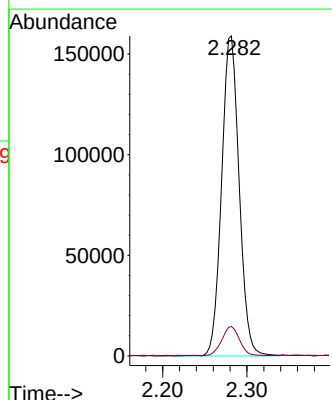
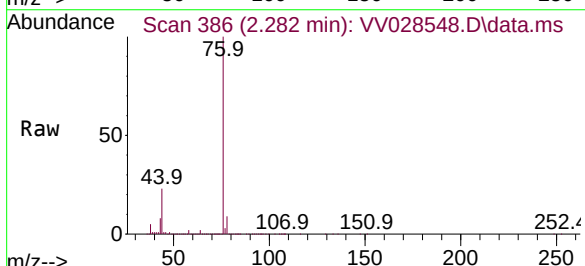
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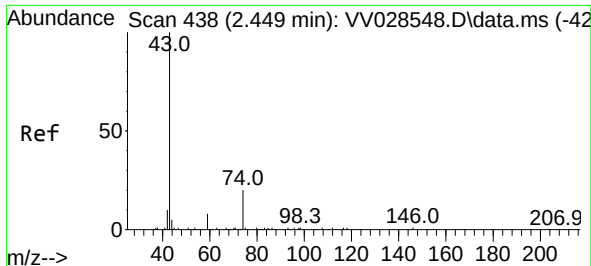
Tgt Ion: 76 Resp: 229110

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

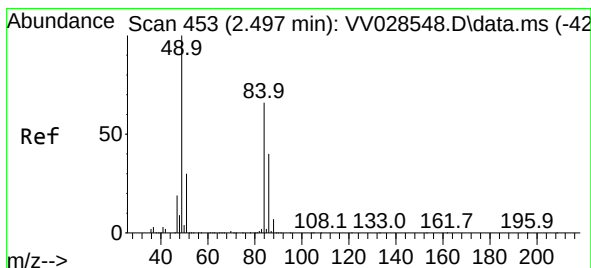
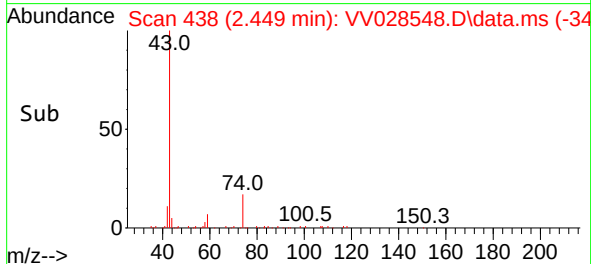
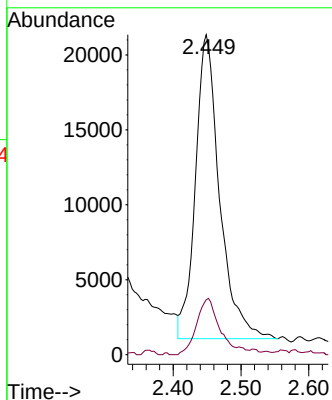
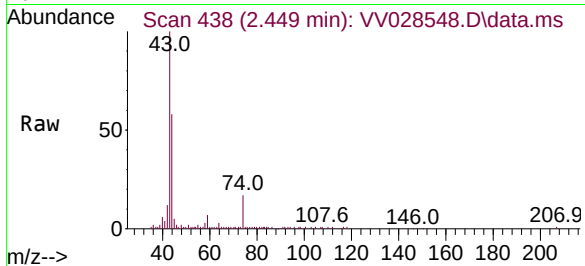




#15
Methyl Acetate
Concen: 7.046 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

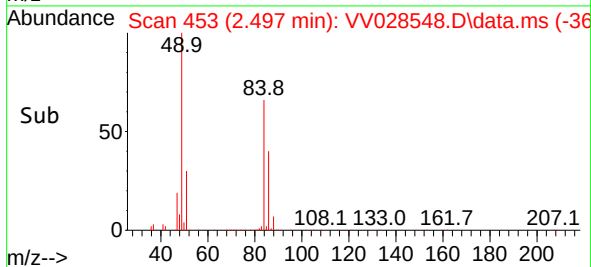
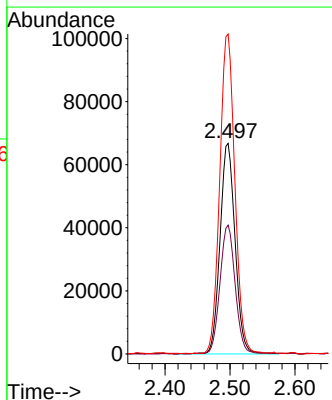
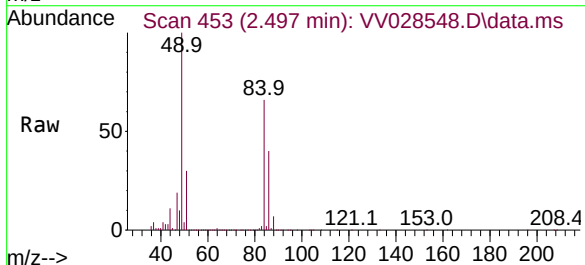
Instrument :
MSVOA_V
ClientSampleId :
VSTD005260

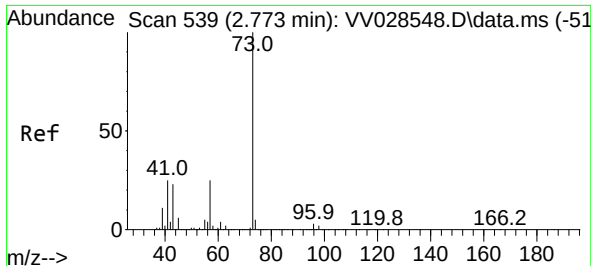
Tgt Ion: 43 Resp: 50224
Ion Ratio Lower Upper
43 100
74 17.2 13.8 20.6



#16
Methylene chloride
Concen: 4.785 ug/L
RT: 2.497 min Scan# 453
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

Tgt Ion: 84 Resp: 107083
Ion Ratio Lower Upper
84 100
86 61.2 42.8 79.6
49 152.0 106.4 197.6

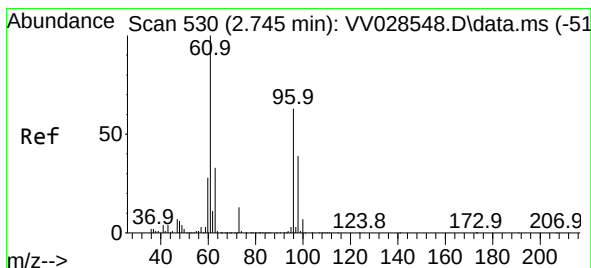
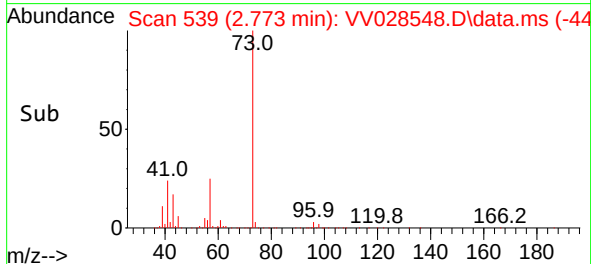
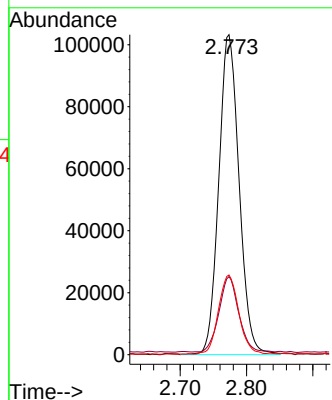
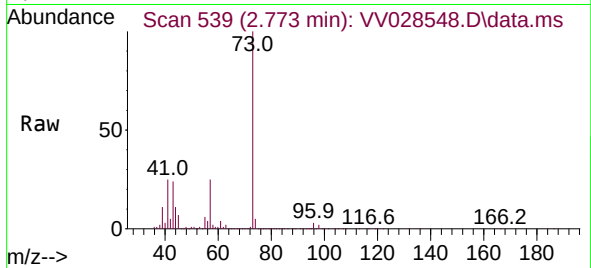




#17
Methyl tert-butyl Ether
Concen: 5.298 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

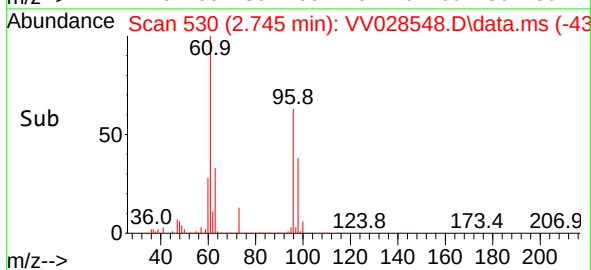
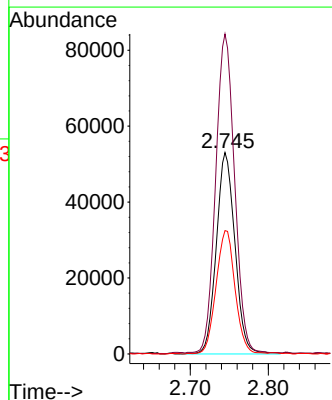
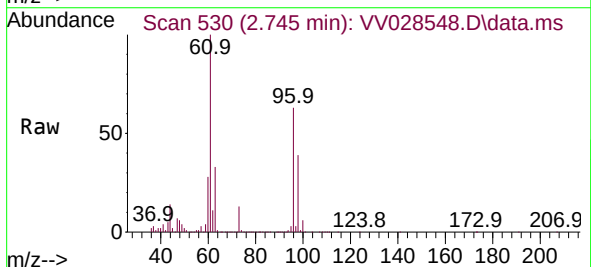
Instrument :
MSVOA_V
ClientSampleId :
VSTD005260

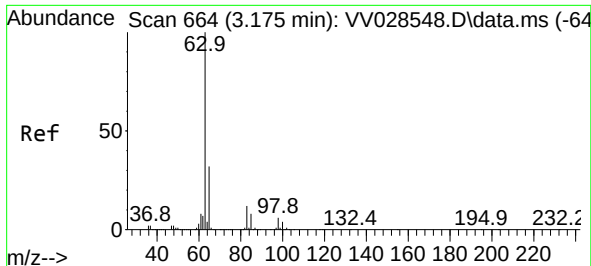
Tgt Ion: 73 Resp: 220149
Ion Ratio Lower Upper
73 100
43 22.7 18.2 27.2
57 24.4 19.5 29.3



#18
trans-1,2-Dichloroethene
Concen: 4.413 ug/L
RT: 2.745 min Scan# 530
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

Tgt Ion: 96 Resp: 88252
Ion Ratio Lower Upper
96 100
61 158.9 111.2 206.6
98 61.3 42.9 79.7

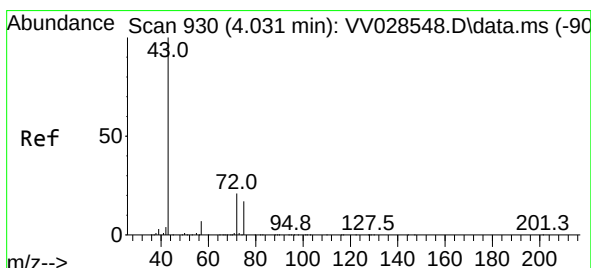
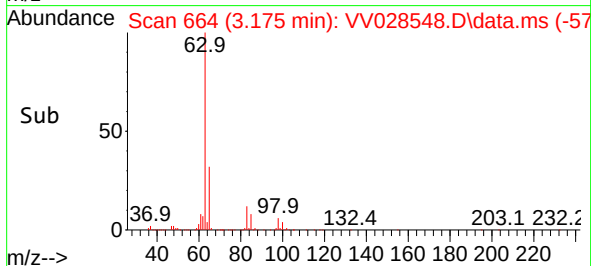
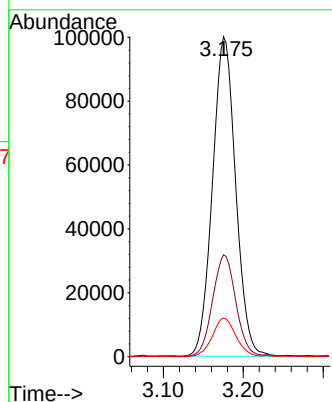
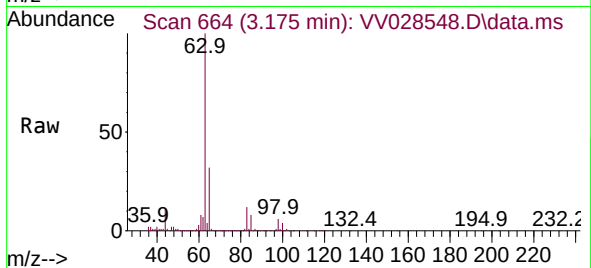




#19
1,1-Dichloroethane
Concen: 5.561 ug/L
RT: 3.175 min Scan# 664
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

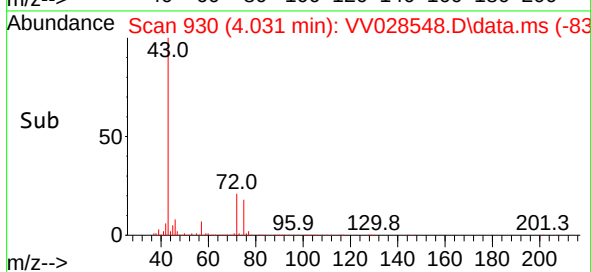
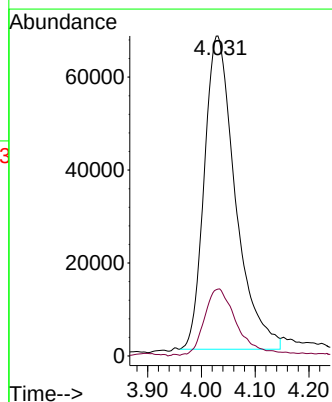
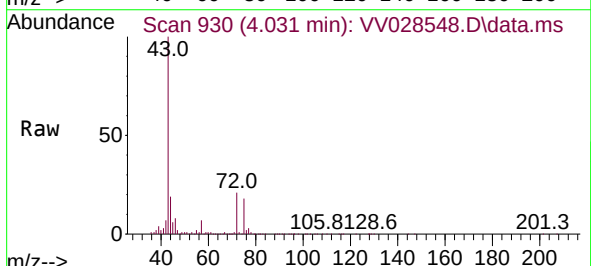
Instrument :
MSVOA_V
ClientSampleId :
VSTD005260

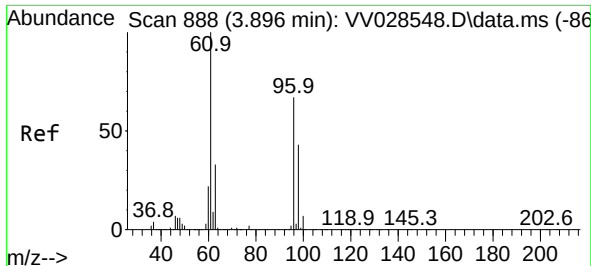
Tgt Ion: 63 Resp: 200914
Ion Ratio Lower Upper
63 100
65 31.9 22.3 41.5
83 12.1 8.5 15.7



#21
2-Butanone
Concen: 68.721 ug/L
RT: 4.031 min Scan# 930
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

Tgt Ion: 43 Resp: 270419
Ion Ratio Lower Upper
43 100
72 22.2 11.1 33.3

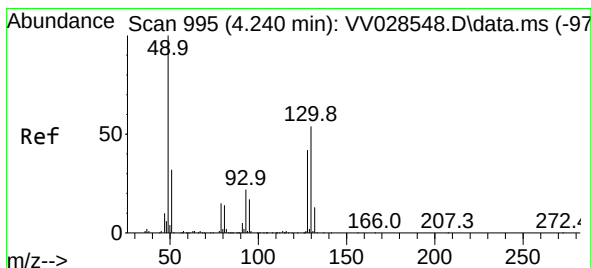
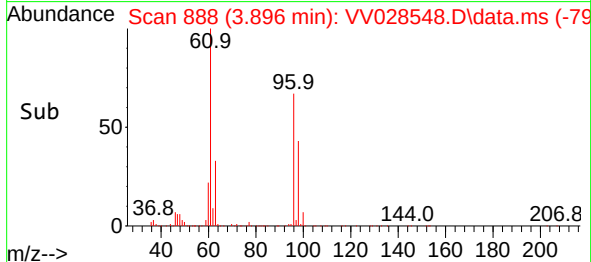
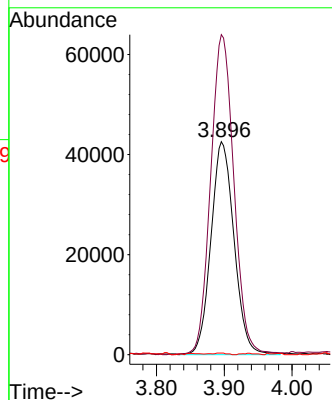
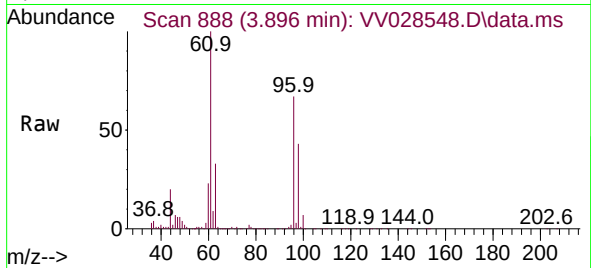




#22
 cis-1,2-Dichloroethene
 Concen: 4.860 ug/L
 RT: 3.896 min Scan# 888
 Delta R.T. 0.000 min
 Lab File: VV028548.D
 Acq: 14 Oct 2022 12:56

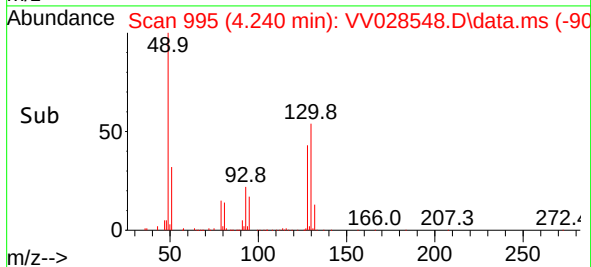
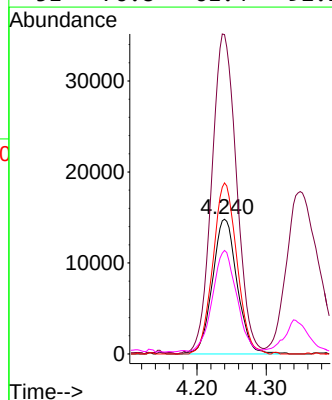
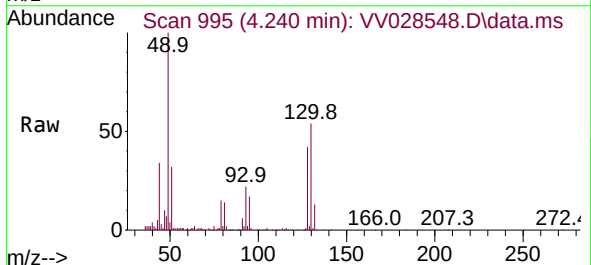
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005260

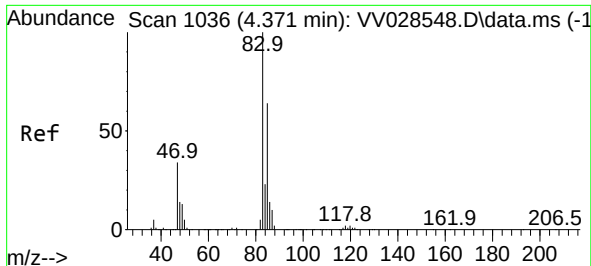
Tgt Ion: 96 Resp: 100920
 Ion Ratio Lower Upper
 96 100
 61 150.2 105.1 195.3
 68 0.7 0.5 0.9



#23
 Bromochloromethane
 Concen: 4.175 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VV028548.D
 Acq: 14 Oct 2022 12:56

Tgt Ion: 128 Resp: 36629
 Ion Ratio Lower Upper
 128 100
 49 236.9 165.8 308.0
 130 126.9 88.8 165.0
 51 76.8 61.4 92.2

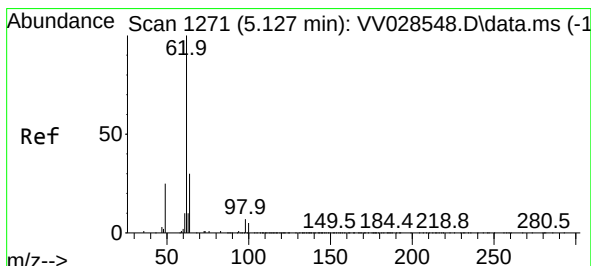
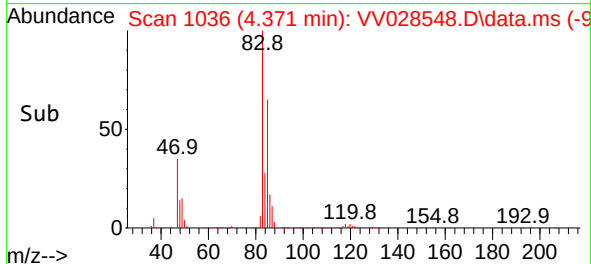
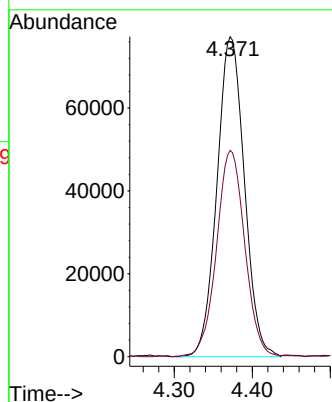
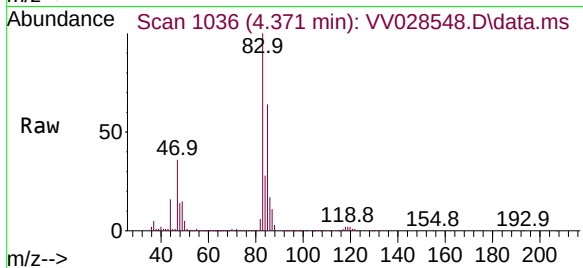




#25
Chloroform
Concen: 4.921 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

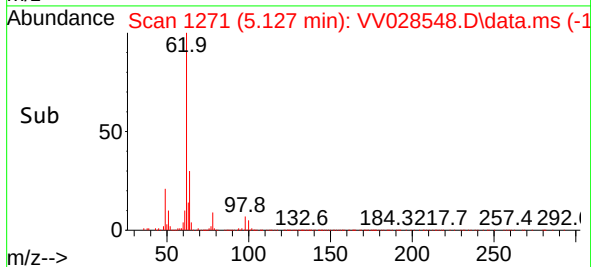
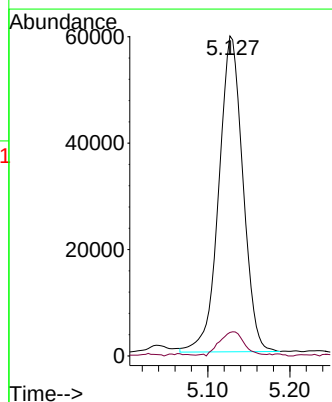
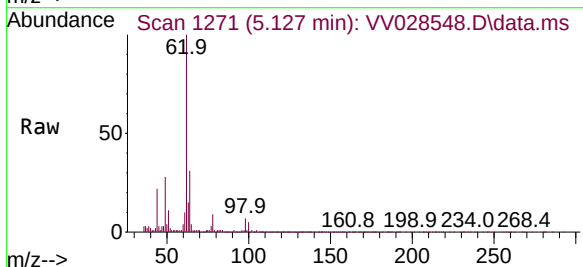
Instrument :
MSVOA_V
ClientSampleId :
VSTD005260

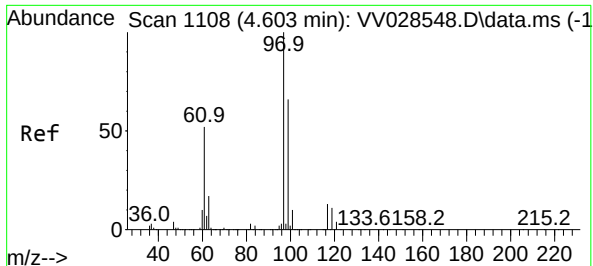
Tgt Ion: 83 Resp: 188934
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9



#27
1,2-Dichloroethane
Concen: 5.648 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

Tgt Ion: 62 Resp: 121351
Ion Ratio Lower Upper
62 100
98 7.4 5.9 8.9





#29

1,1,1-Trichloroethane

Concen: 5.774 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV028548.D

Acq: 14 Oct 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD005260

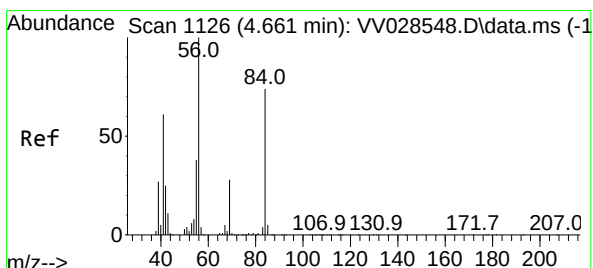
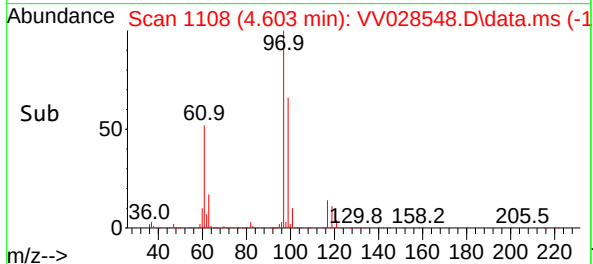
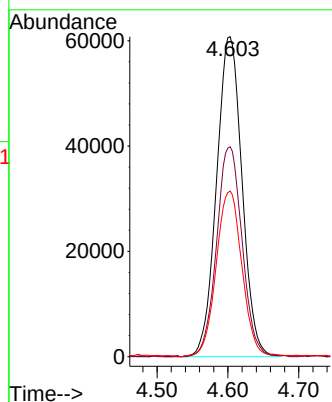
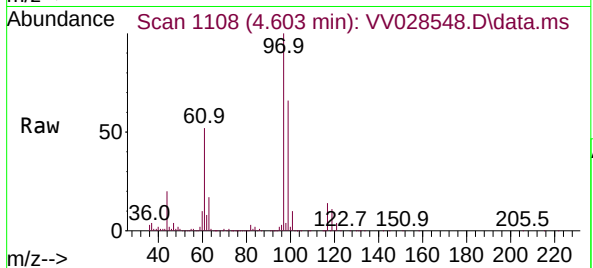
Tgt Ion: 97 Resp: 151863

Ion Ratio Lower Upper

97 100

99 65.7 52.6 78.8

61 52.6 42.1 63.1



#30

Cyclohexane

Concen: 7.302 ug/L

RT: 4.661 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VV028548.D

Acq: 14 Oct 2022 12:56

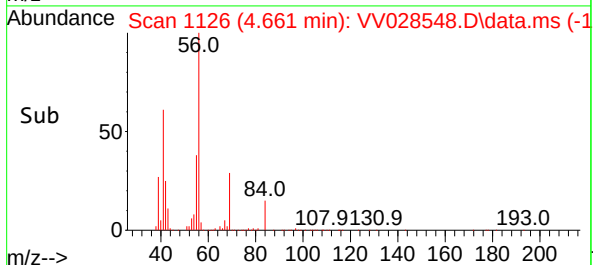
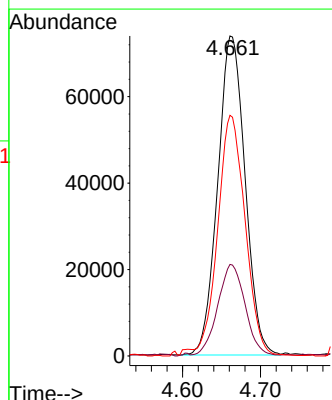
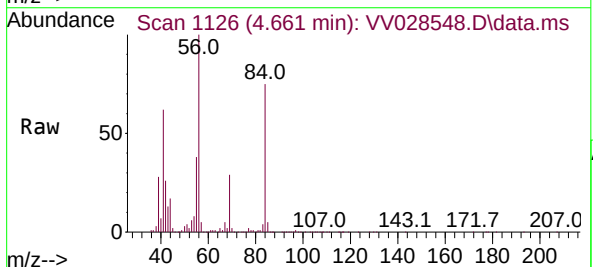
Tgt Ion: 56 Resp: 180298

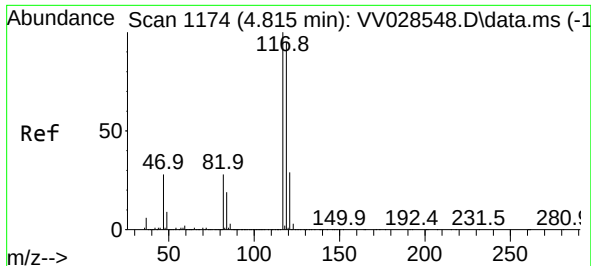
Ion Ratio Lower Upper

56 100

69 28.0 22.4 33.6

84 75.1 60.1 90.1

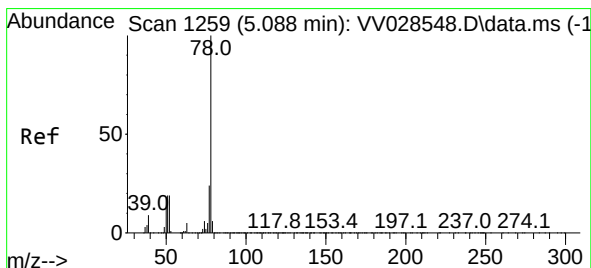
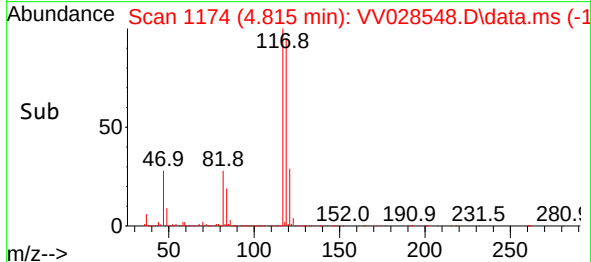
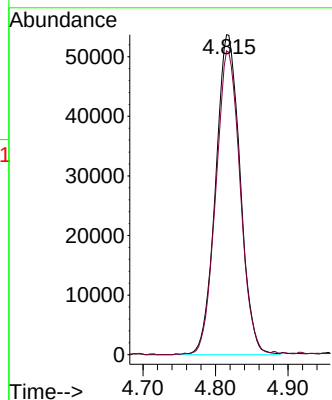
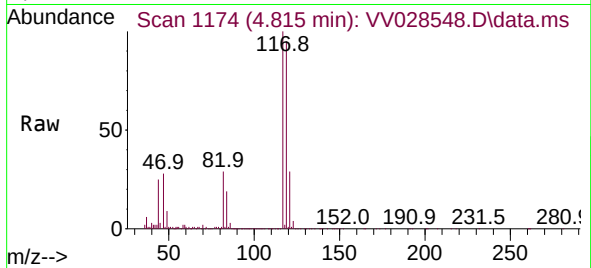




#31
Carbon tetrachloride
Concen: 5.423 ug/L
RT: 4.815 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

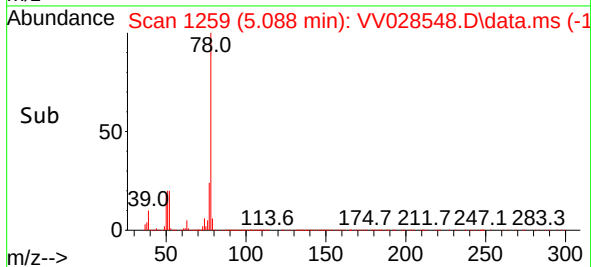
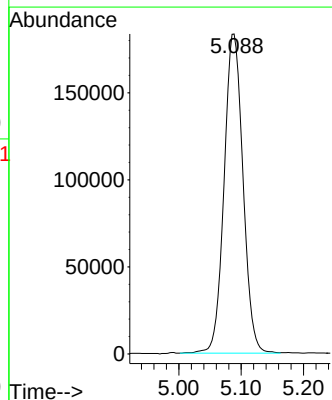
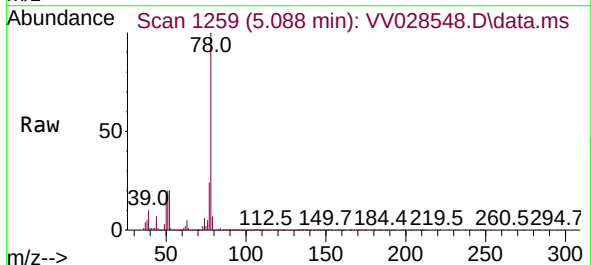
Instrument : MSVOA_V
ClientSampleId : VSTD005260

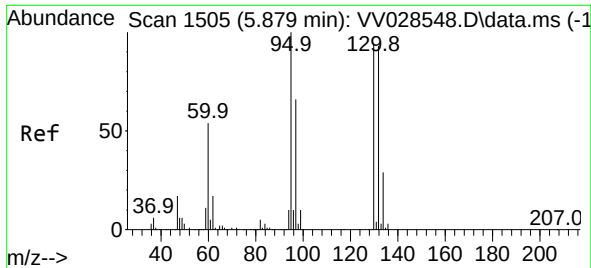
Tgt Ion:117 Resp: 125871
Ion Ratio Lower Upper
117 100
119 94.4 75.5 113.3



#33
Benzene
Concen: 6.010 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

Tgt Ion: 78 Resp: 385914

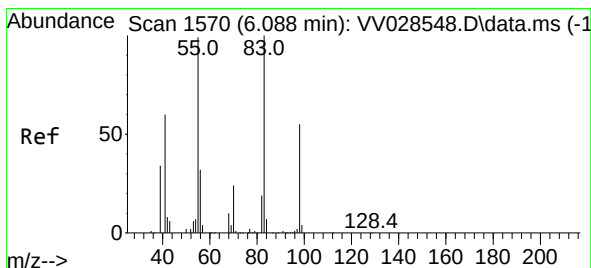
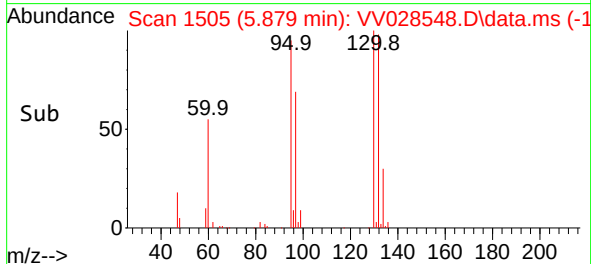
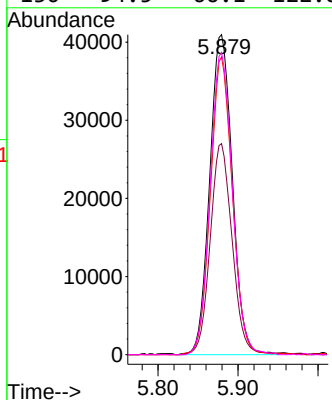
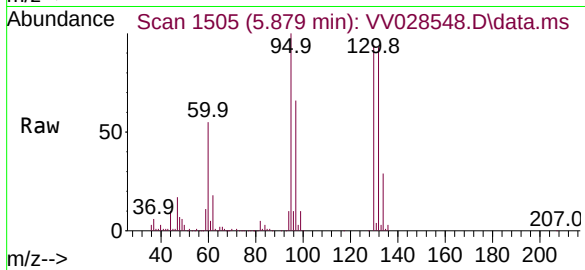




#34
 Trichloroethene
 Concen: 5.193 ug/L
 RT: 5.879 min Scan# 1505
 Delta R.T. 0.000 min
 Lab File: VV028548.D
 Acq: 14 Oct 2022 12:56

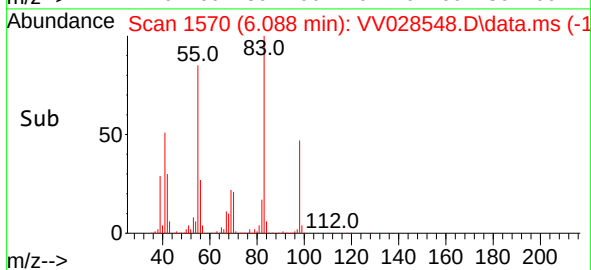
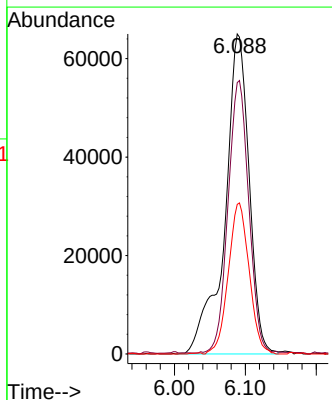
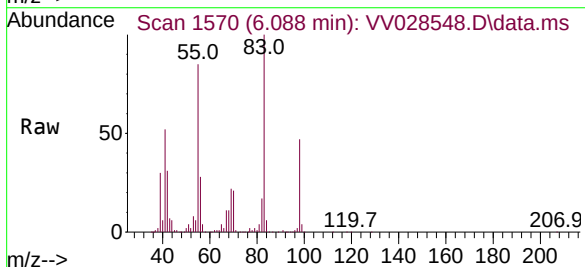
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005260

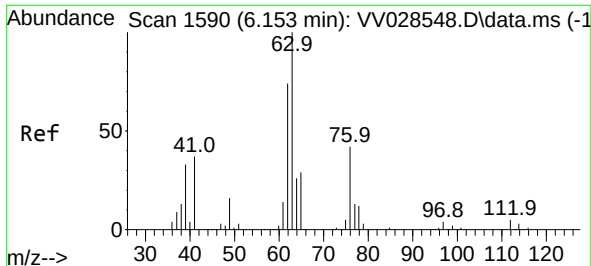
Tgt Ion:	95	Resp:	80503
Ion	Ratio	Lower	Upper
95	100		
97	66.0	46.2	85.8
132	93.0	65.1	120.9
130	94.5	66.1	122.8



#35
 Methylcyclohexane
 Concen: 6.088 ug/L
 RT: 6.088 min Scan# 1570
 Delta R.T. 0.000 min
 Lab File: VV028548.D
 Acq: 14 Oct 2022 12:56

Tgt Ion:	83	Resp:	155392
Ion	Ratio	Lower	Upper
83	100		
55	72.2	65.0	97.6
98	40.4	36.4	54.6





#37

1,2-Dichloropropane

Concen: 5.940 ug/L

RT: 6.153 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV028548.D

Acq: 14 Oct 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

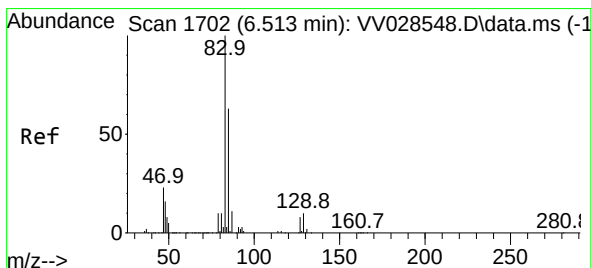
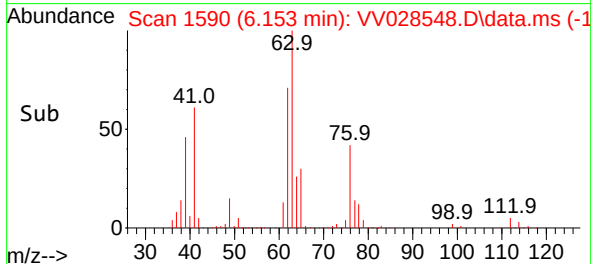
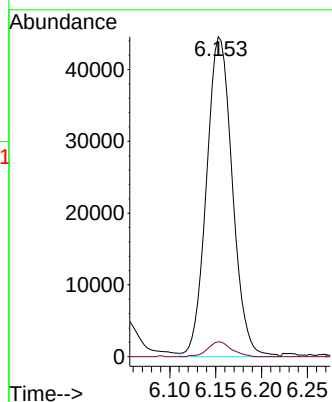
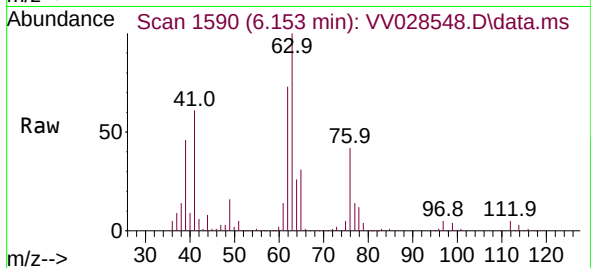
VSTD005260

Tgt Ion: 63 Resp: 87598

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 5.142 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VV028548.D

Acq: 14 Oct 2022 12:56

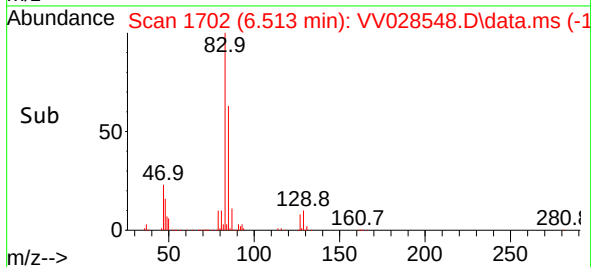
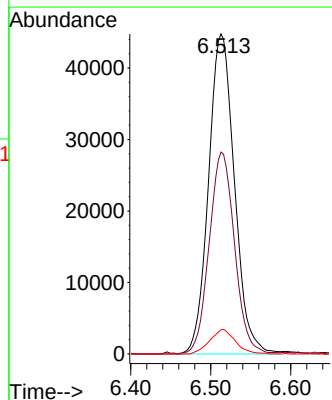
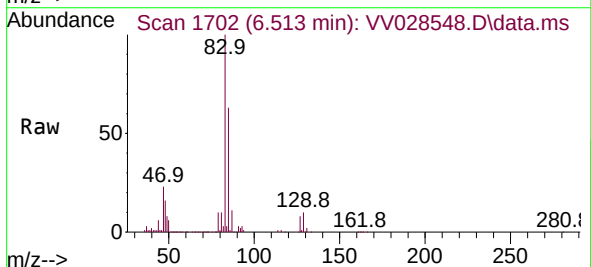
Tgt Ion: 83 Resp: 100794

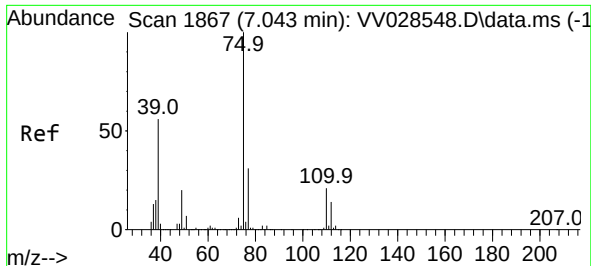
Ion Ratio Lower Upper

83 100

85 63.1 44.2 82.0

127 7.6 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 5.680 ug/L

RT: 7.043 min Scan# 118636

Delta R.T. 0.000 min

Lab File: VV028548.D

Acq: 14 Oct 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

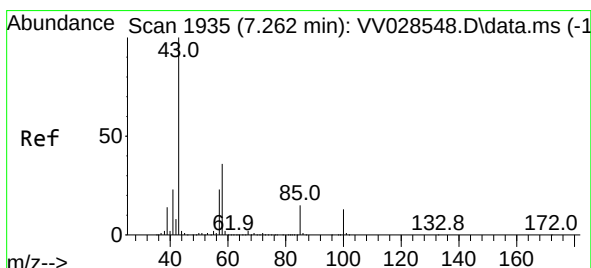
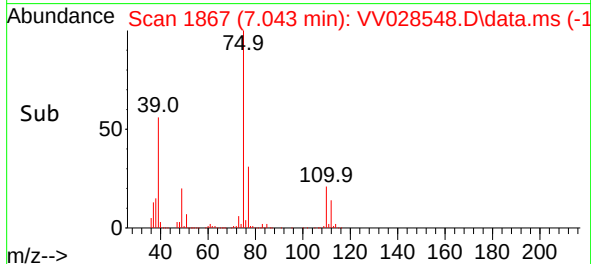
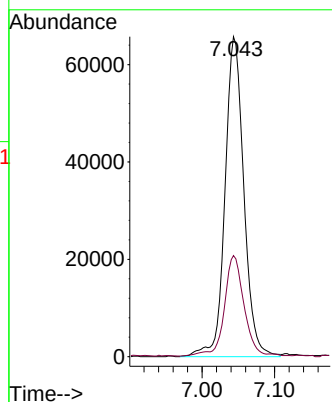
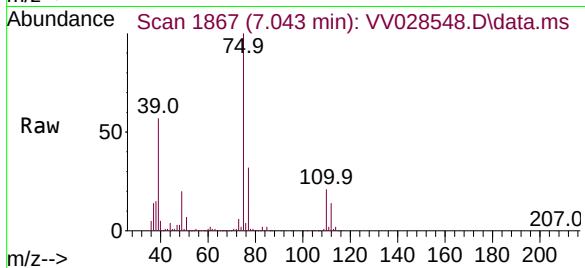
VSTD005260

Tgt Ion: 75 Resp: 118636

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 71.378 ug/L

RT: 7.262 min Scan# 1935

Delta R.T. 0.000 min

Lab File: VV028548.D

Acq: 14 Oct 2022 12:56

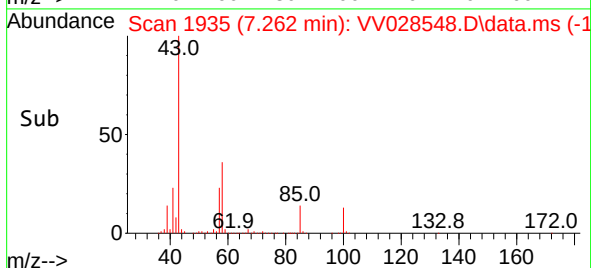
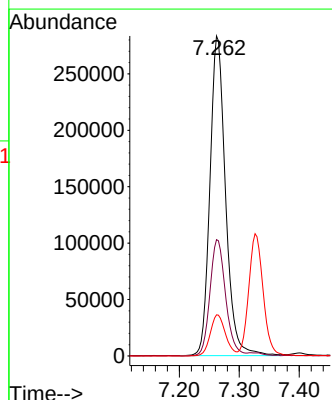
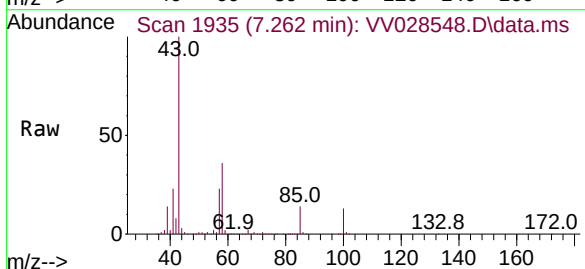
Tgt Ion: 43 Resp: 513952

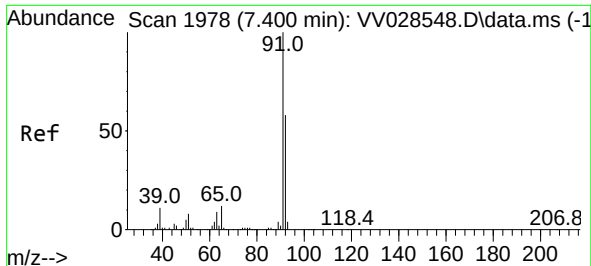
Ion Ratio Lower Upper

43 100

58 36.6 29.3 43.9

100 12.5 10.0 15.0

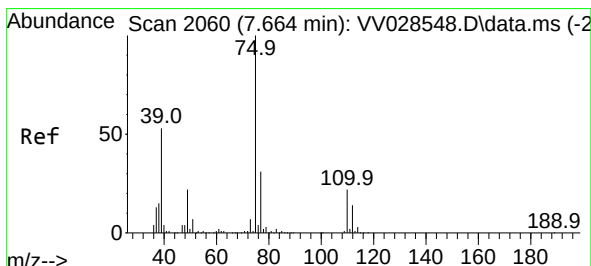
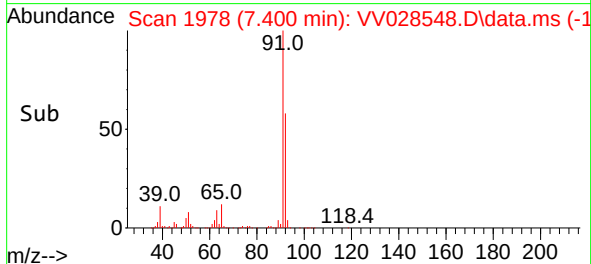
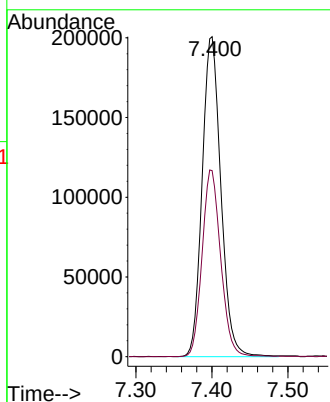
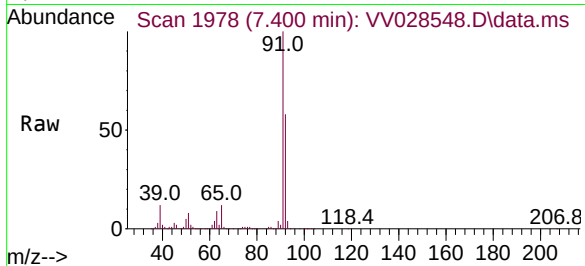




#42
Toluene
Concen: 5.333 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

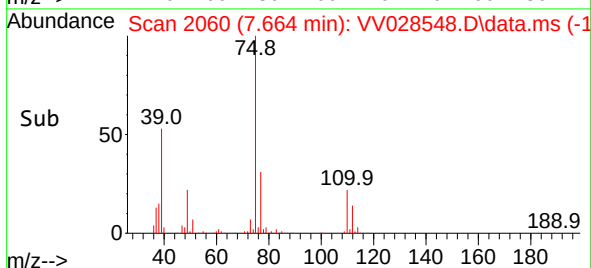
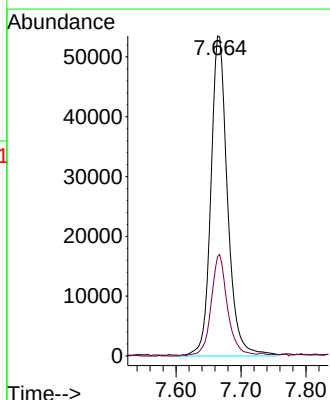
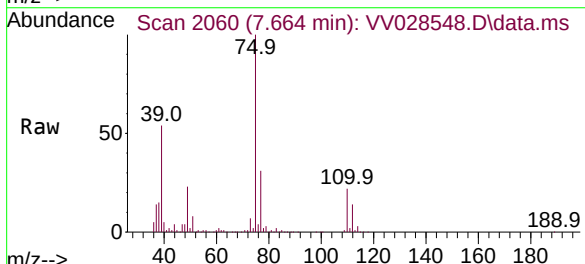
Instrument :
MSVOA_V
ClientSampleId :
VSTD005260

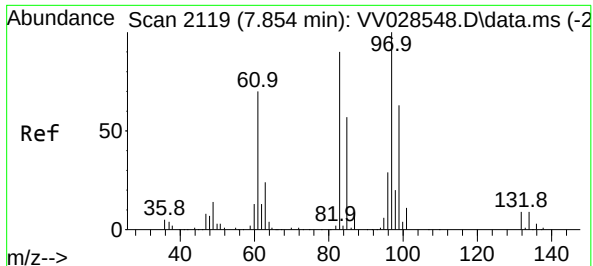
Tgt Ion: 91 Resp: 343331
Ion Ratio Lower Upper
91 100
92 58.1 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 5.463 ug/L
RT: 7.664 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

Tgt Ion: 75 Resp: 95513
Ion Ratio Lower Upper
75 100
77 31.0 21.7 40.3

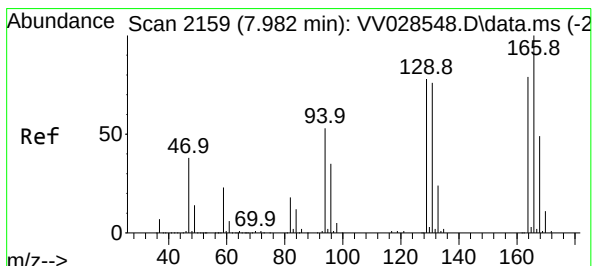
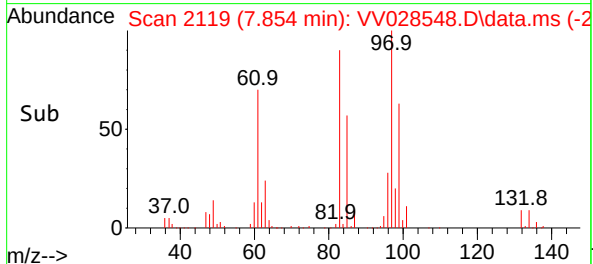
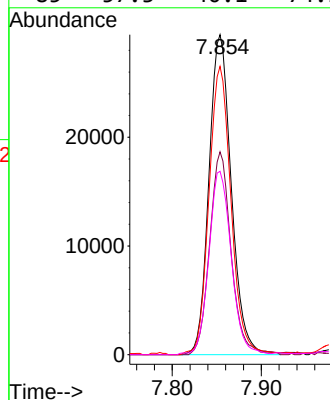
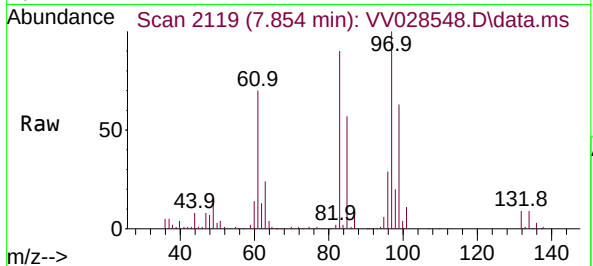




#45
1,1,2-Trichloroethane
Concen: 4.934 ug/L
RT: 7.854 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

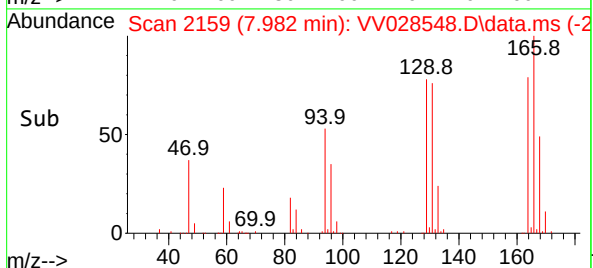
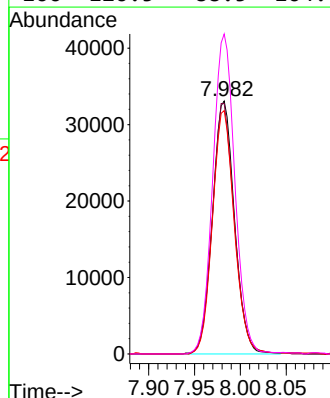
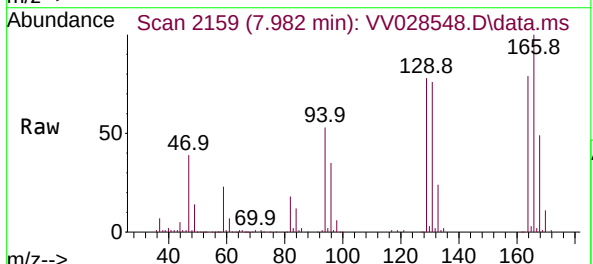
Instrument :
MSVOA_V
ClientSampleId :
VSTD005260

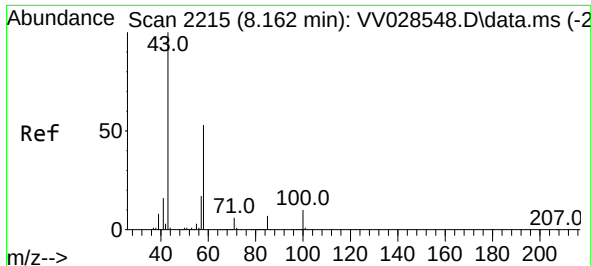
Tgt Ion:	97	Resp:	51359
Ion	Ratio	Lower	Upper
97	100		
99	63.4	44.4	82.4
83	90.1	63.1	117.1
85	57.3	40.1	74.5



#47
Tetrachloroethene
Concen: 4.330 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

Tgt Ion:	164	Resp:	55259
Ion	Ratio	Lower	Upper
164	100		
129	99.0	69.3	128.7
131	96.2	67.3	125.1
166	126.5	88.5	164.4

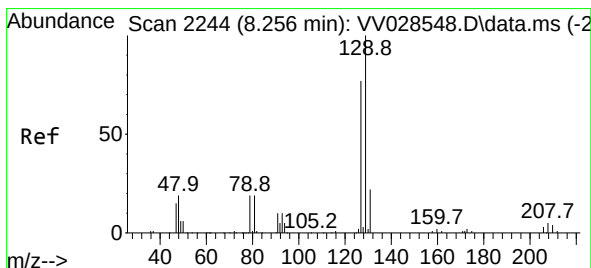
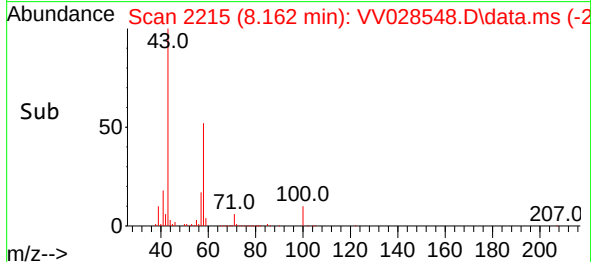
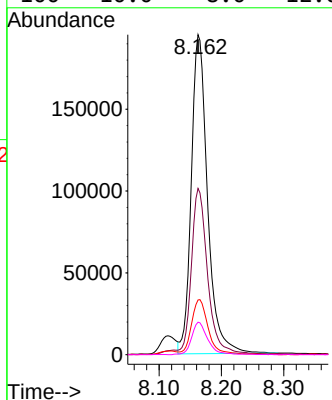
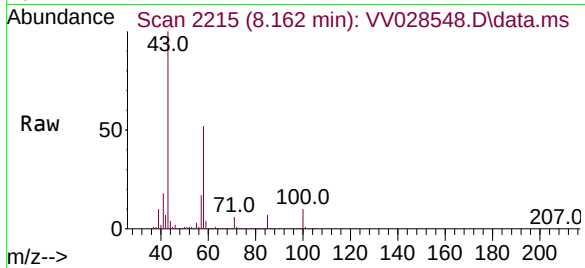




#48
2-Hexanone
Concen: 71.808 ug/L
RT: 8.162 min Scan# 2215
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

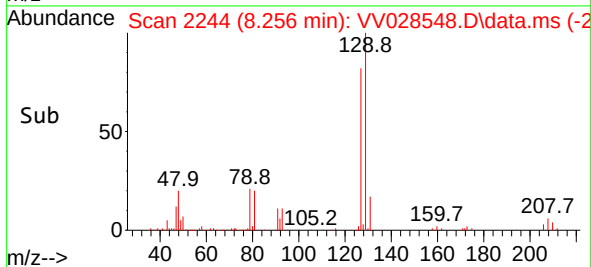
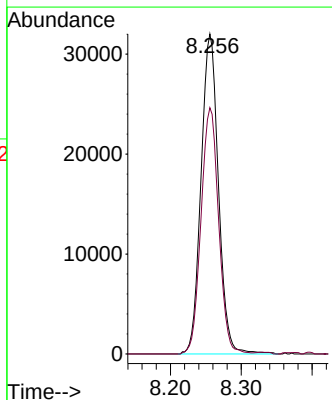
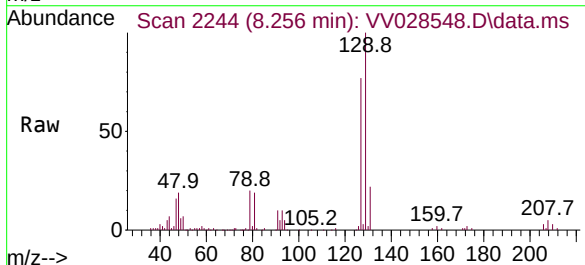
Instrument :
MSVOA_V
ClientSampleId :
VSTD005260

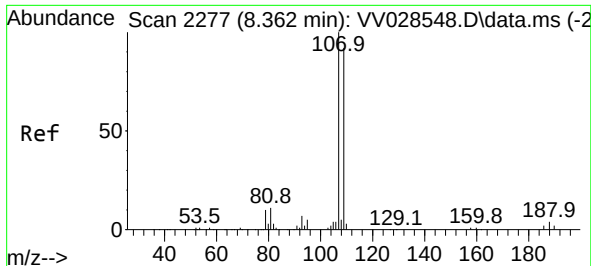
Tgt Ion: 43 Resp: 352861
Ion Ratio Lower Upper
43 100
58 53.1 42.5 63.7
57 18.1 14.5 21.7
100 10.0 8.0 12.0



#49
Dibromochloromethane
Concen: 4.339 ug/L
RT: 8.256 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

Tgt Ion: 129 Resp: 54598
Ion Ratio Lower Upper
129 100
127 76.9 53.8 100.0





#50

1,2-Dibromoethane

Concen: 4.948 ug/L

RT: 8.362 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028548.D

Acq: 14 Oct 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD005260

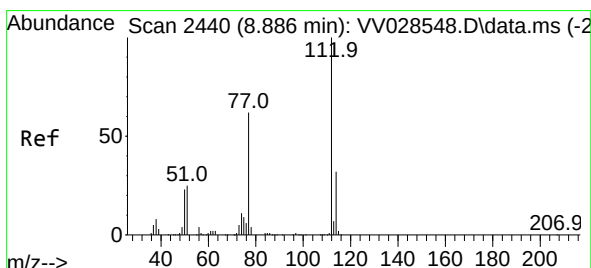
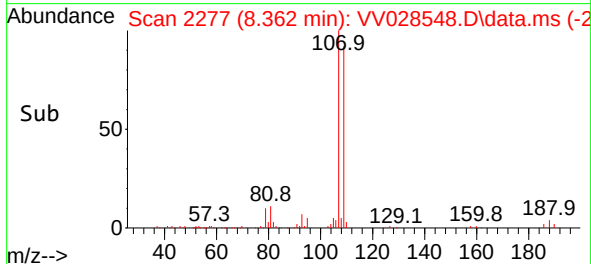
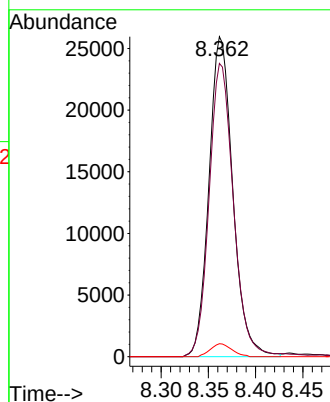
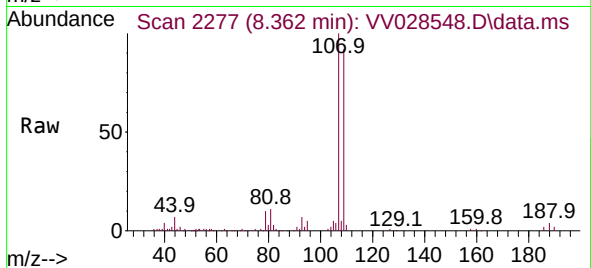
Tgt Ion:107 Resp: 45517

Ion Ratio Lower Upper

107 100

109 91.6 64.1 119.1

188 4.1 3.3 4.9



#51

Chlorobenzene

Concen: 4.999 ug/L

RT: 8.886 min Scan# 2440

Delta R.T. 0.000 min

Lab File: VV028548.D

Acq: 14 Oct 2022 12:56

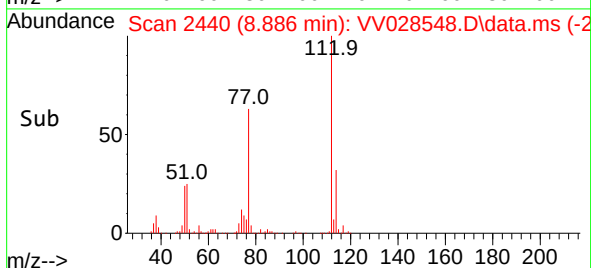
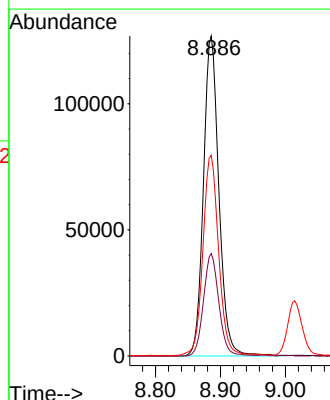
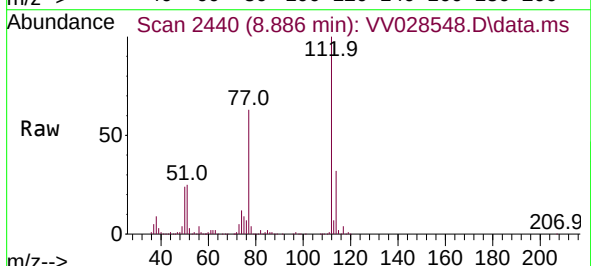
Tgt Ion:112 Resp: 210378

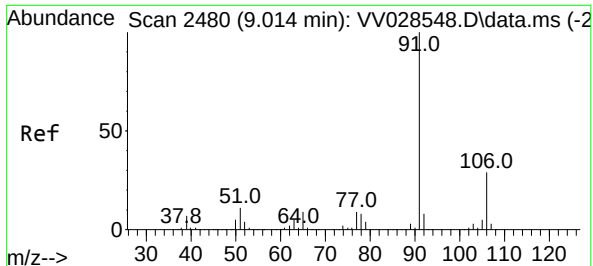
Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 62.7 50.2 75.2

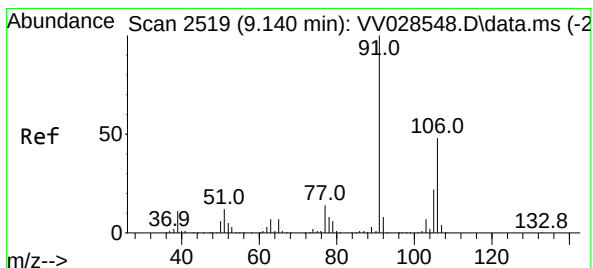
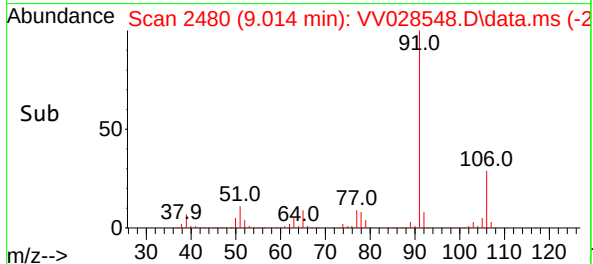
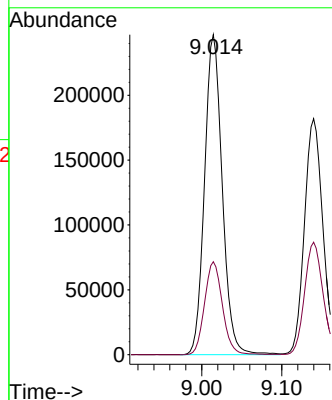
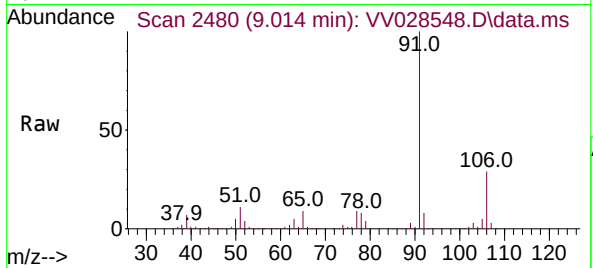




#52
Ethylbenzene
Concen: 5.591 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

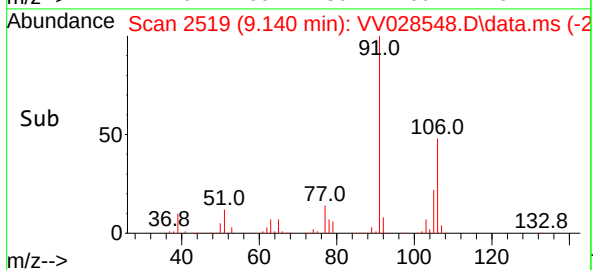
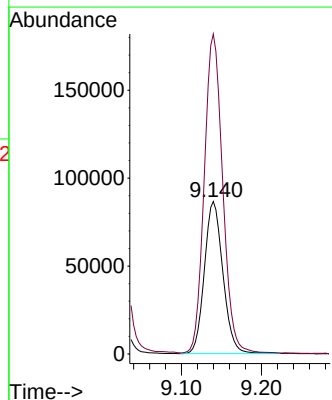
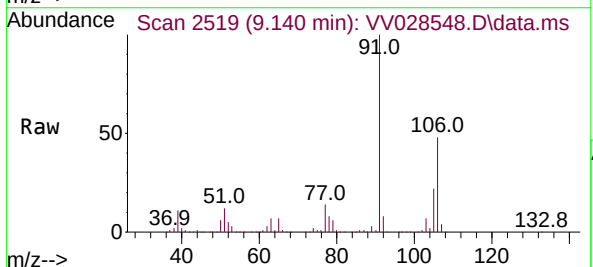
Instrument :
MSVOA_V
ClientSampleId :
VSTD005260

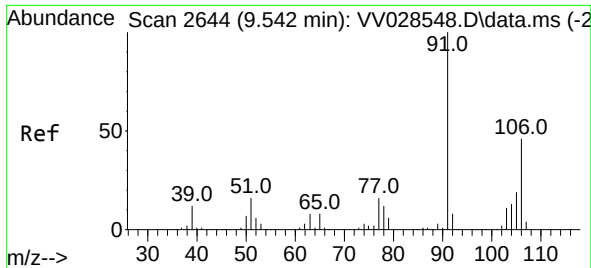
Tgt Ion: 91 Resp: 380520
Ion Ratio Lower Upper
91 100
106 29.0 20.3 37.7



#53
m,p-Xylene
Concen: 5.271 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

Tgt Ion: 106 Resp: 139675
Ion Ratio Lower Upper
106 100
91 209.9 146.9 272.9

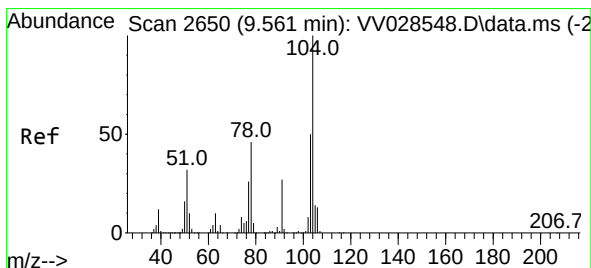
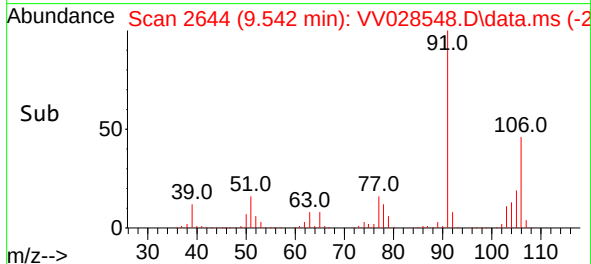
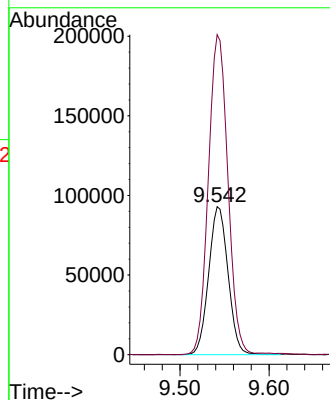
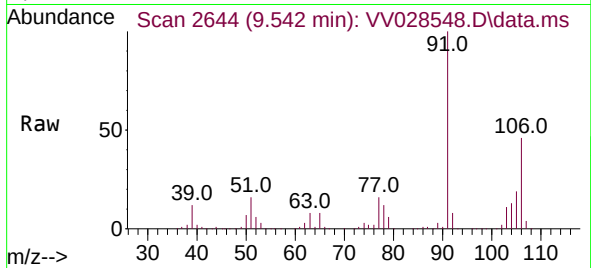




#54
o-Xylene
Concen: 5.521 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

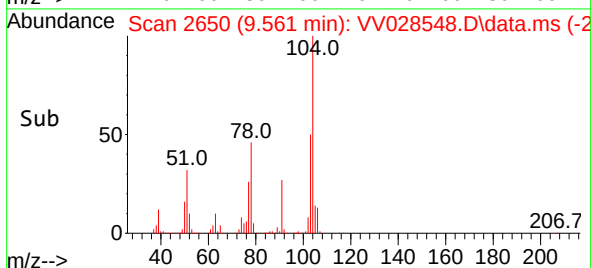
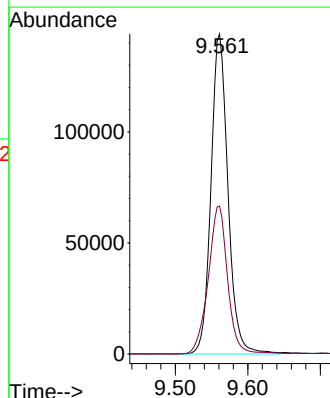
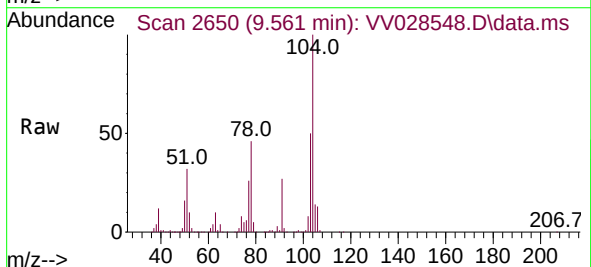
Instrument :
MSVOA_V
ClientSampleId :
VSTD005260

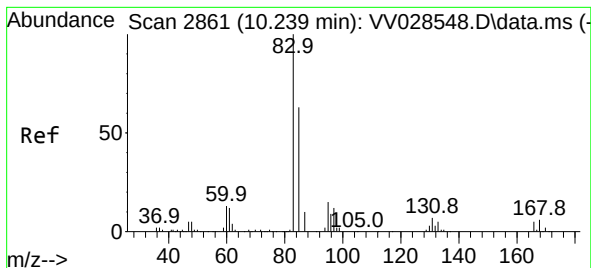
Tgt Ion:106 Resp: 140402
Ion Ratio Lower Upper
106 100
91 216.3 151.4 281.2



#55
Styrene
Concen: 5.438 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

Tgt Ion:104 Resp: 234629
Ion Ratio Lower Upper
104 100
78 46.2 32.3 60.1

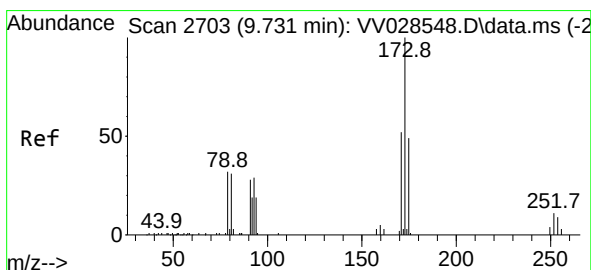
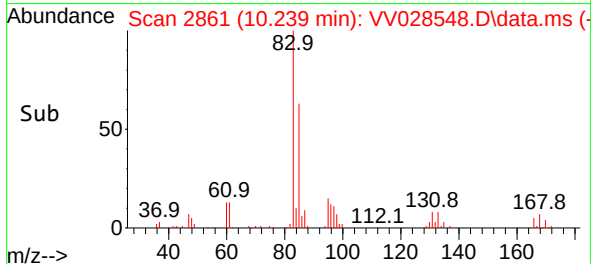
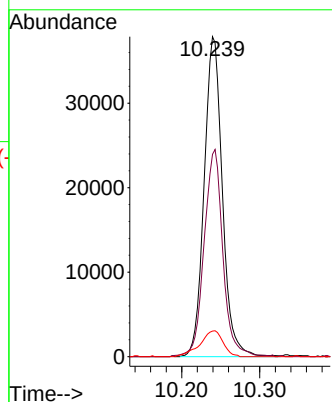
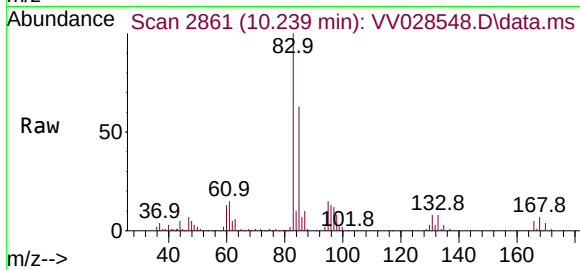




#57
1,1,2,2-Tetrachloroethane
Concen: 5.224 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

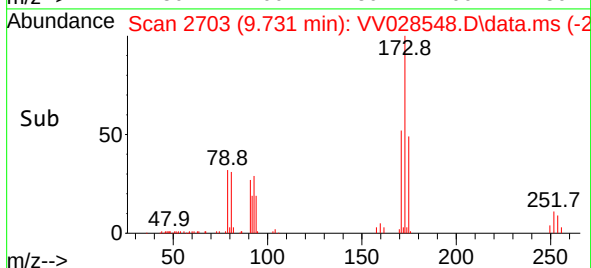
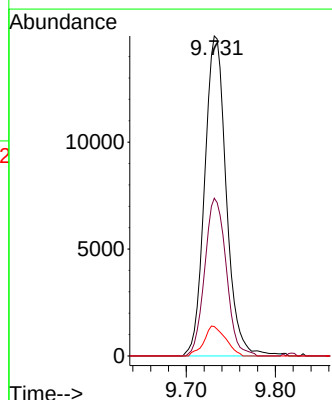
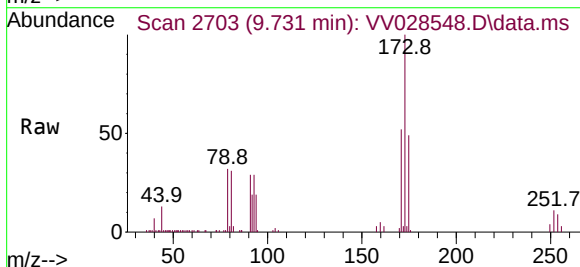
Instrument :
MSVOA_V
ClientSampleId :
VSTD005260

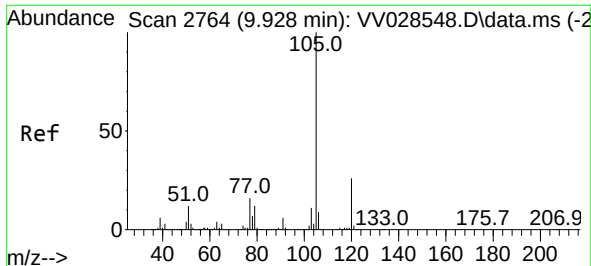
Tgt Ion: 83 Resp: 61520
Ion Ratio Lower Upper
83 100
85 63.3 44.3 82.3
131 8.0 6.4 9.6



#59
Bromoform
Concen: 3.918 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

Tgt Ion: 173 Resp: 25184
Ion Ratio Lower Upper
173 100
175 49.2 39.4 59.0
254 9.3 7.4 11.2

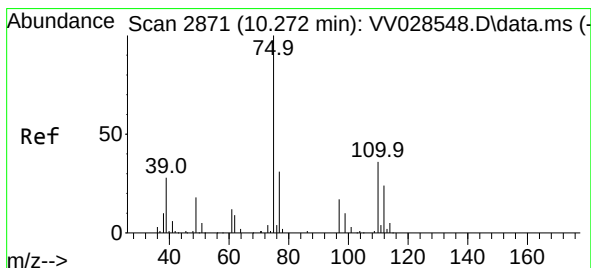
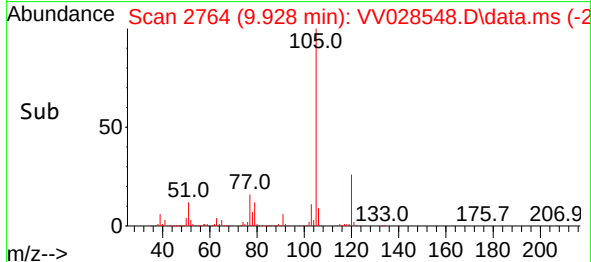
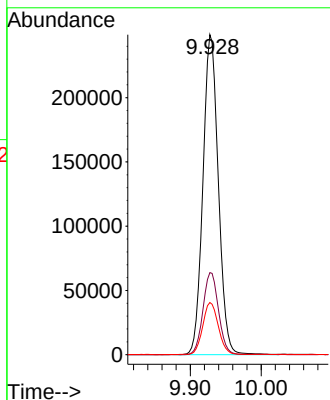
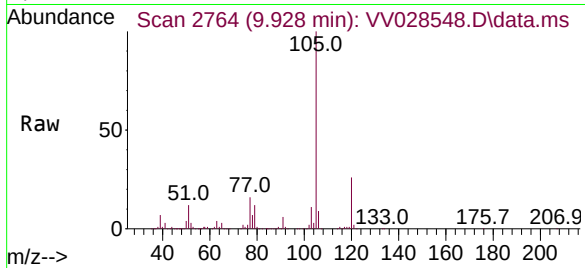




#60
Isopropylbenzene
Concen: 5.755 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

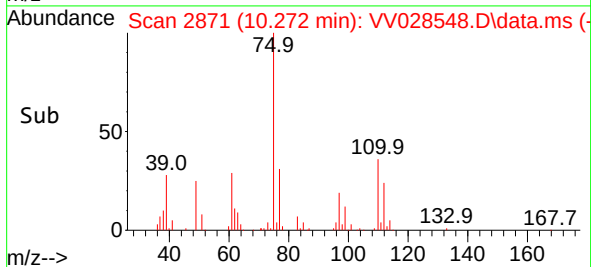
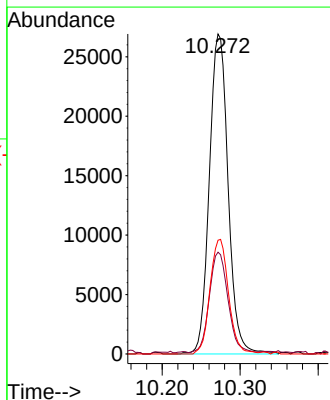
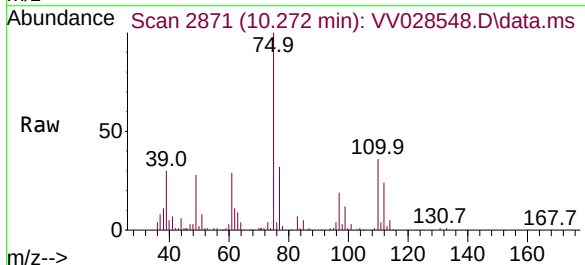
Instrument :
MSVOA_V
ClientSampleId :
VSTD005260

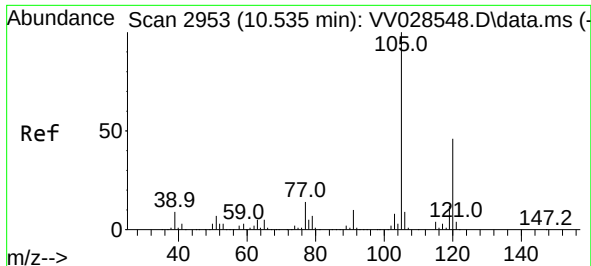
Tgt Ion:105 Resp: 375636
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 16.4 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 5.530 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

Tgt Ion: 75 Resp: 45122
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0
110 35.4 28.3 42.5





#62

1,3,5-Trimethylbenzene

Concen: 5.892 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV028548.D

Acq: 14 Oct 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

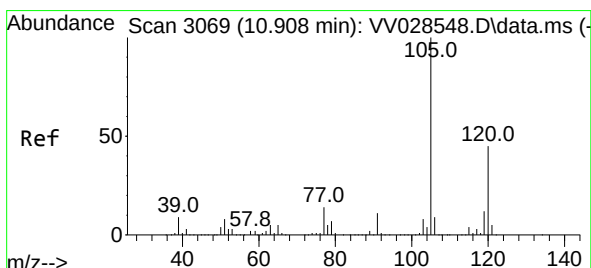
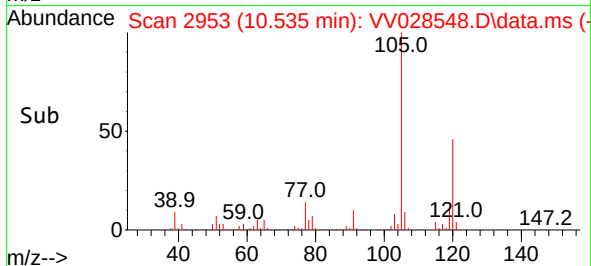
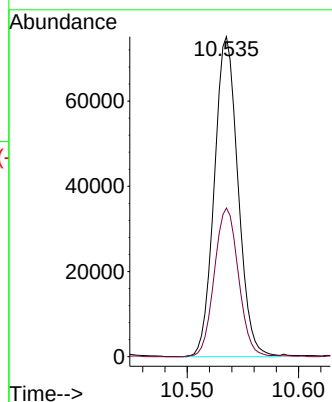
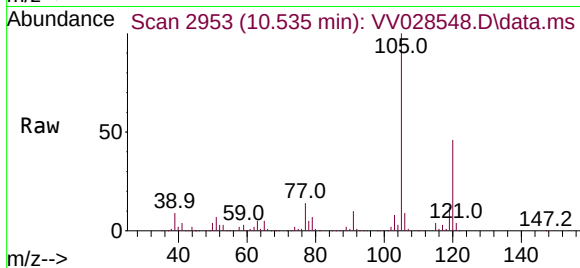
VSTD005260

Tgt Ion:105 Resp: 111241

Ion Ratio Lower Upper

105 100

120 47.5 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 5.834 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. 0.000 min

Lab File: VV028548.D

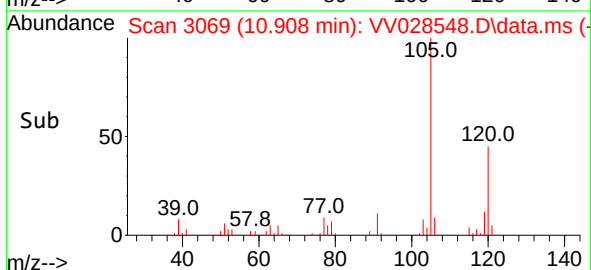
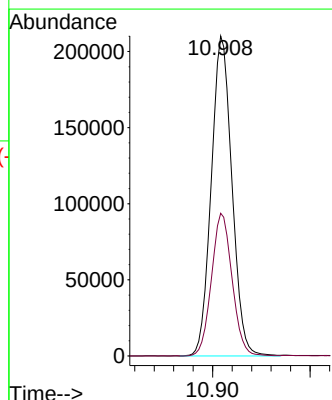
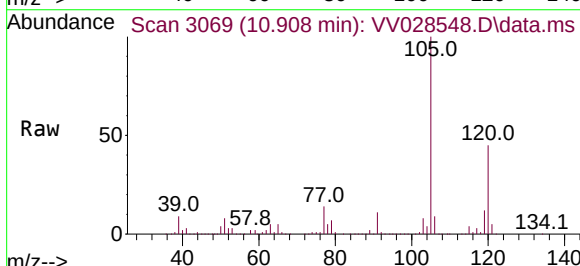
Acq: 14 Oct 2022 12:56

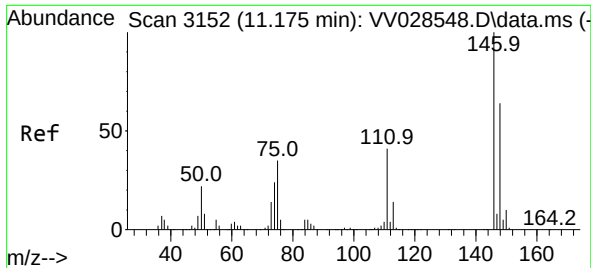
Tgt Ion:105 Resp: 309869

Ion Ratio Lower Upper

105 100

120 44.5 35.6 53.4

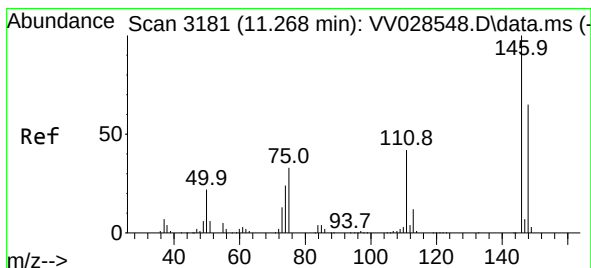
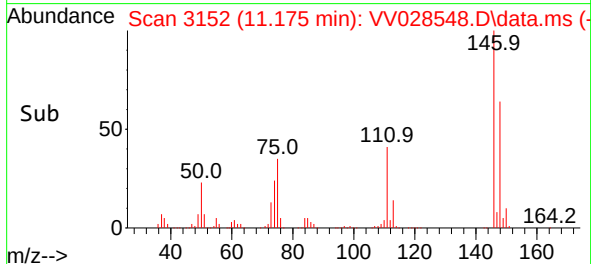
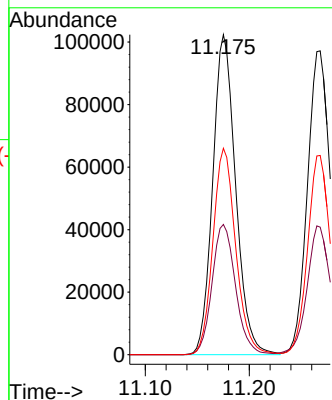
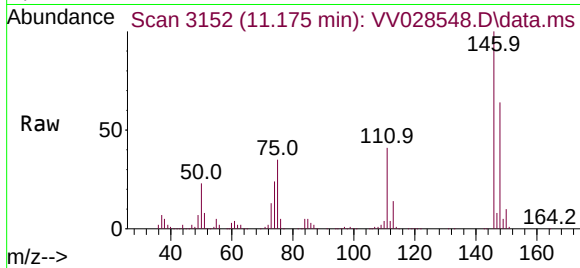




#64
1,3-Dichlorobenzene
Concen: 5.057 ug/L
RT: 11.175 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

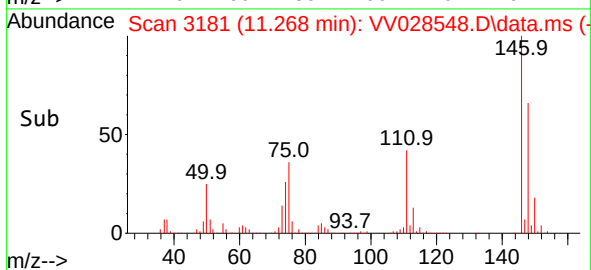
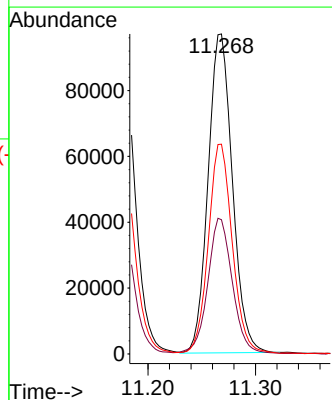
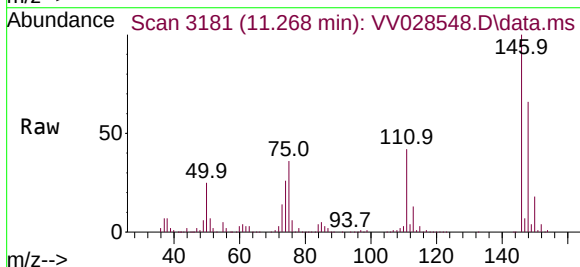
Instrument :
MSVOA_V
ClientSampleId :
VSTD005260

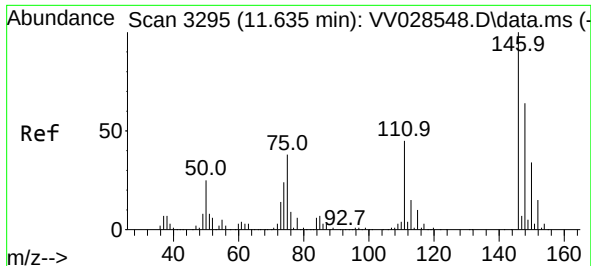
Tgt Ion:146 Resp: 156797
Ion Ratio Lower Upper
146 100
111 40.7 28.5 52.9
148 64.5 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 4.929 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028548.D
Acq: 14 Oct 2022 12:56

Tgt Ion:146 Resp: 152126
Ion Ratio Lower Upper
146 100
111 42.0 29.4 54.6
148 65.6 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 5.000 ug/L

RT: 11.635 min Scan# 3295

Delta R.T. 0.000 min

Lab File: VV028548.D

Acq: 14 Oct 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD005260

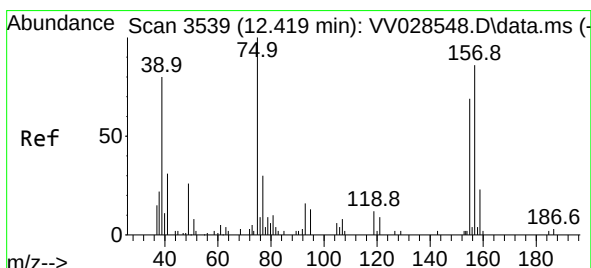
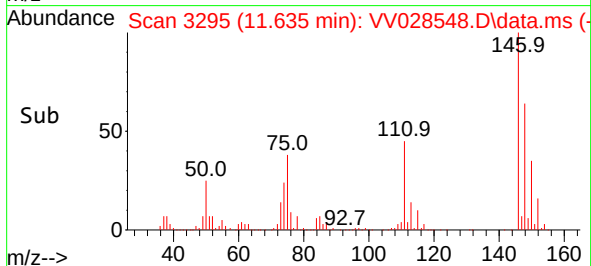
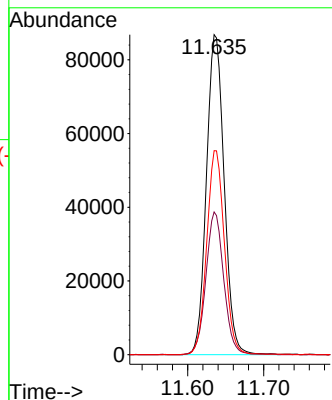
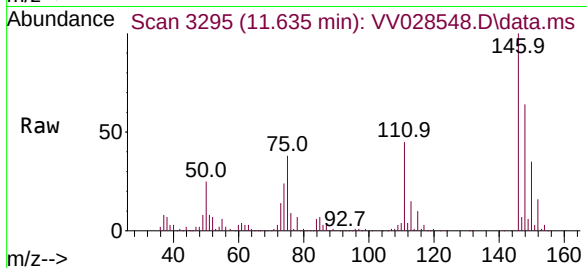
Tgt Ion:146 Resp: 140825

Ion Ratio Lower Upper

146 100

111 44.6 35.7 53.5

148 63.8 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.211 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. 0.000 min

Lab File: VV028548.D

Acq: 14 Oct 2022 12:56

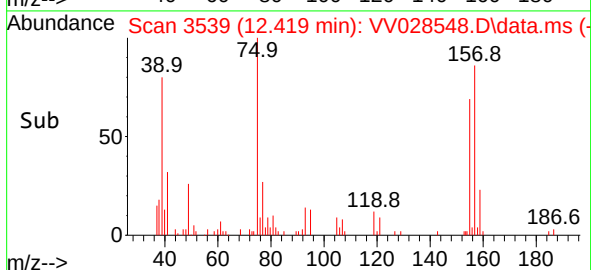
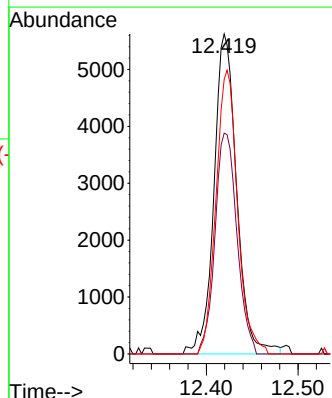
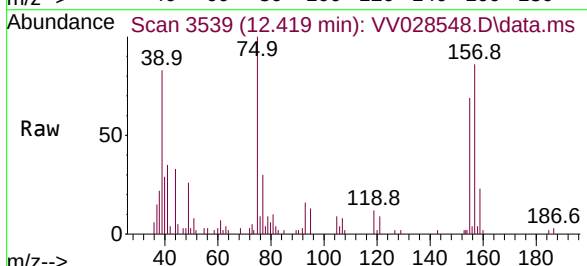
Tgt Ion: 75 Resp: 9691

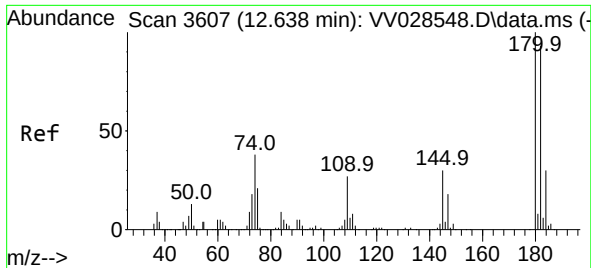
Ion Ratio Lower Upper

75 100

155 69.0 55.2 82.8

157 85.8 68.6 103.0



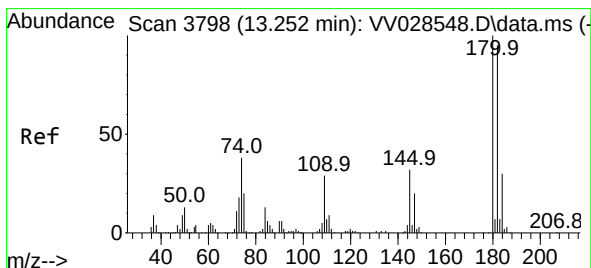
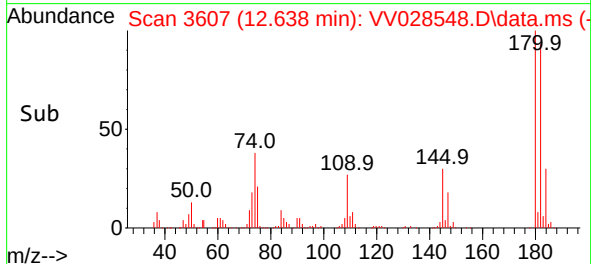
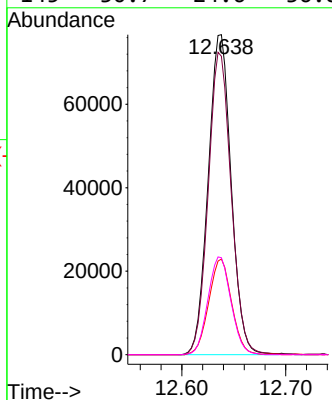
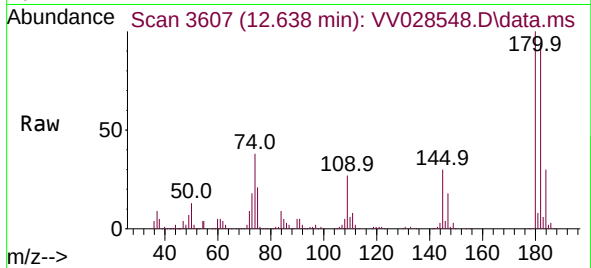


#69
 1,3,5-Trichlorobenzene
 Concen: 4.827 ug/L
 RT: 12.638 min Scan# 3607
 Delta R.T. 0.000 min
 Lab File: VV028548.D
 Acq: 14 Oct 2022 12:56

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005260

Tgt Ion:180 Resp: 117792

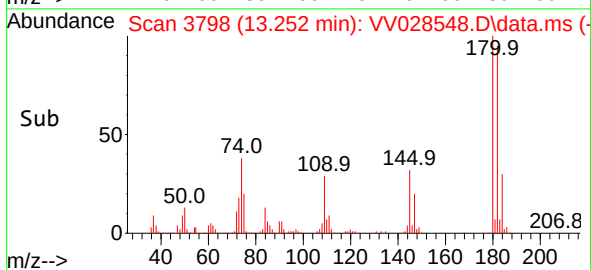
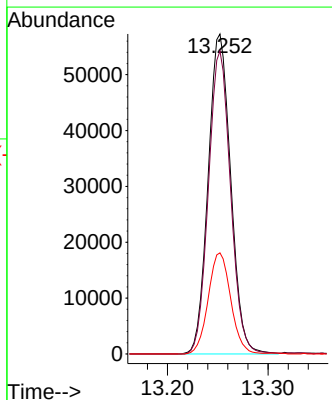
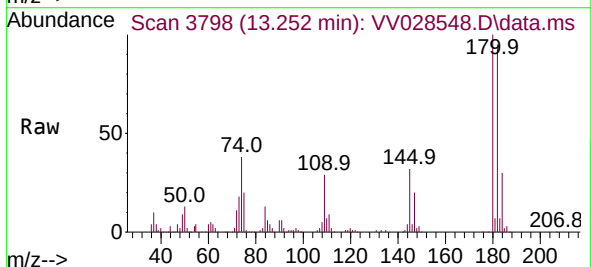
Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.6	113.4
184	29.8	23.8	35.8
145	30.7	24.6	36.8

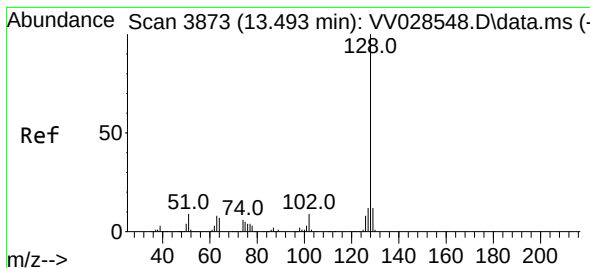


#70
 1,2,4-trichlorobenzene
 Concen: 4.784 ug/L
 RT: 13.252 min Scan# 3798
 Delta R.T. 0.000 min
 Lab File: VV028548.D
 Acq: 14 Oct 2022 12:56

Tgt Ion:180 Resp: 89291

Ion	Ratio	Lower	Upper
180	100		
182	92.7	74.2	111.2
145	31.6	25.3	37.9





#71

Naphthalene

Concen: 4.591 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV028548.D

Acq: 14 Oct 2022 12:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD005260

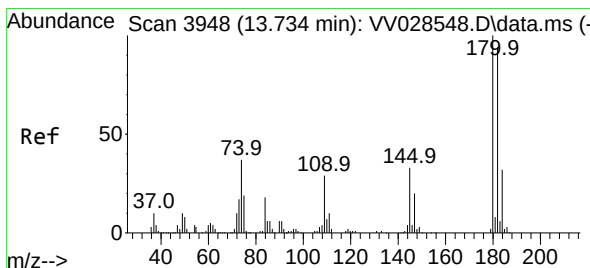
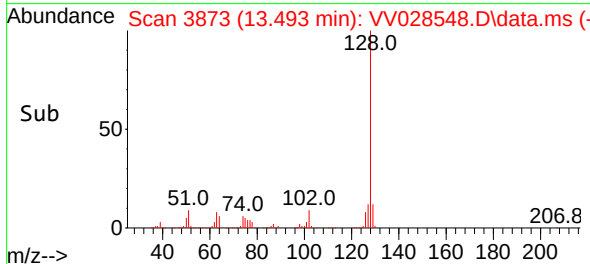
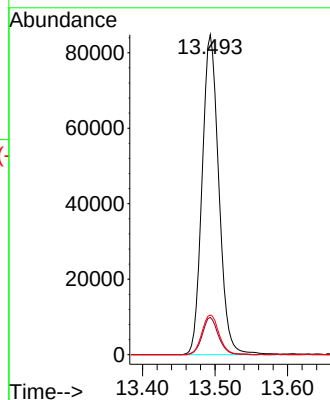
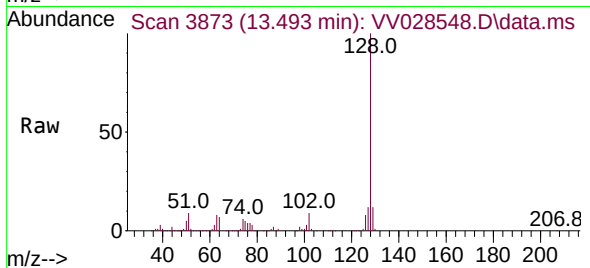
Tgt Ion:128 Resp: 135707

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

127 12.6 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 4.499 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.000 min

Lab File: VV028548.D

Acq: 14 Oct 2022 12:56

Tgt Ion:180 Resp: 74727

Ion Ratio Lower Upper

180 100

182 95.4 76.3 114.5

145 32.3 25.8 38.8

