

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110122\
 Data File : VW028803.D
 Acq On : 01 Nov 2022 09:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050366

Quant Time: Nov 02 05:07:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 04:42:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	424847	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	394849	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	197142	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	188449	46.791	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.580%
7) Chloroethane-d5	1.565	69	174132	50.577	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.160%
11) 1,1-Dichloroethene-d2	2.105	63	371501	48.492	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.980%
21) 2-Butanone-d5	3.873	46	296169	101.022	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.020%
24) Chloroform-d	4.339	84	299929	49.377	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.760%
26) 1,2-Dichloroethane-d4	5.024	65	199169	49.578	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.160%
32) Benzene-d6	5.043	84	601466	48.795	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.063	67	206678	48.839	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.680%
41) Toluene-d8	7.310	98	532571	49.147	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.300%
43) trans-1,3-Dichloroprop...	7.616	79	75921	46.712	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.420%
47) 2-Hexanone-d5	8.082	63	189902	99.301	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.300%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	270272	48.434	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.860%
66) 1,2-Dichlorobenzene-d4	11.616	152	182768	46.967	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	151000	48.328	ug/L	100
3) Chloromethane	1.240	50	255139	49.066	ug/L	99
5) Vinyl chloride	1.311	62	243756	51.033	ug/L	98
6) Bromomethane	1.520	94	126384	47.955	ug/L	94
8) Chloroethane	1.581	64	165780	54.049	ug/L	100
9) Trichlorofluoromethane	1.748	101	286723	50.477	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	158607	49.282	ug/L	99
12) 1,1-Dichloroethene	2.114	96	159890	50.459	ug/L	96
13) Acetone	2.166	43	215190	75.809	ug/L	98
14) Carbon disulfide	2.291	76	422868	47.842	ug/L	99
15) Methyl Acetate	2.426	43	236938	49.733	ug/L	100
16) Methylene chloride	2.500	84	190079	49.440	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	152664	49.808	ug/L	98
18) Methyl tert-butyl Ether	2.761	73	524591	49.546	ug/L	99
19) 1,1-Dichloroethane	3.182	63	332333	49.763	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	171776	50.794	ug/L #	99
22) 2-Butanone	3.957	43	327298	93.857	ug/L	98
23) Bromochloromethane	4.240	128	80438	49.973	ug/L	99
25) Chloroform	4.365	83	310659	50.076	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110122\
 Data File : VV028803.D
 Acq On : 01 Nov 2022 09:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

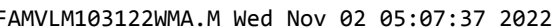
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050366

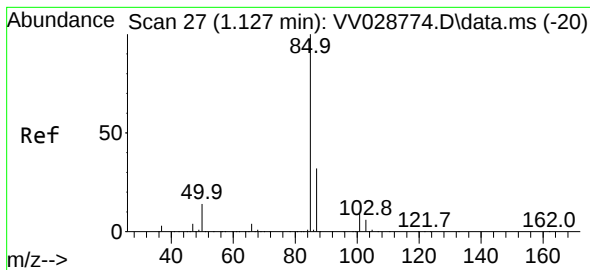
Quant Time: Nov 02 05:07:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 04:42:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	259561	51.233	ug/L	100
29) Cyclohexane	4.670	56	315620	50.096	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	250973	50.426	ug/L	99
31) Carbon tetrachloride	4.822	117	199284	50.115	ug/L	99
33) Benzene	5.092	78	712622	51.265	ug/L	100
34) Trichloroethene	5.908	95	162105	49.867	ug/L	98
35) Methylcyclohexane	6.124	83	283906	49.241	ug/L	99
37) 1,2-Dichloropropane	6.166	63	196185	51.009	ug/L	100
38) Bromodichloromethane	6.503	83	225487	51.606	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	252928	48.153	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	650628	101.718	ug/L	100
42) Toluene	7.381	91	721903	50.934	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	234355	48.249	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	167253	50.689	ug/L	99
46) Tetrachloroethene	7.969	164	108470	48.144	ug/L	97
48) 2-Hexanone	8.133	43	500304	102.699	ug/L	98
49) Dibromochloromethane	8.239	129	154763	50.669	ug/L	98
50) 1,2-Dibromoethane	8.346	107	169439	50.965	ug/L	100
51) Chlorobenzene	8.873	112	428185	49.337	ug/L	98
52) Ethylbenzene	9.005	91	783334	51.376	ug/L	99
53) m,p-Xylene	9.130	106	286941	51.598	ug/L	99
54) o-Xylene	9.535	106	284427	51.230	ug/L	100
55) Styrene	9.551	104	493966	51.882	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	292381	50.205	ug/L	100
59) Bromoform	9.722	173	98606	50.388	ug/L	99
60) Isopropylbenzene	9.924	105	743808	49.655	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	225304	48.097	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	629889	50.368	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	623797	50.140	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	312295	49.420	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	314016	48.770	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	320084	49.792	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	56307	47.182	ug/L	97
69) 1,3,5-Trichlorobenzene	12.635	180	218999	48.328	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	187338	48.310	ug/L	98
71) Naphthalene	13.490	128	583302	46.199	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	193404	49.274	ug/L	99

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

Quant Time: Nov 02 05:07:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 01 04:42:28 2022
Response via : Initial Calibration

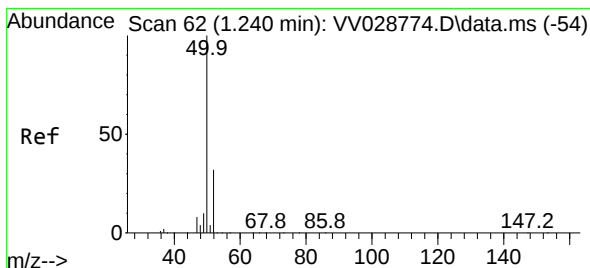
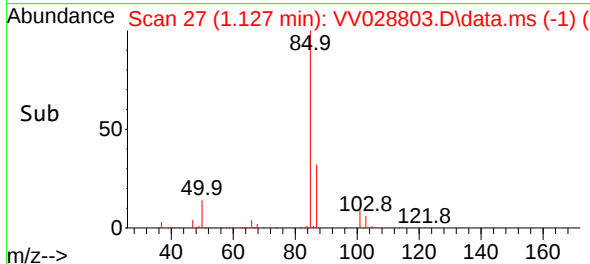
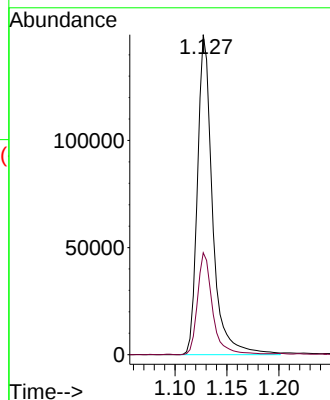
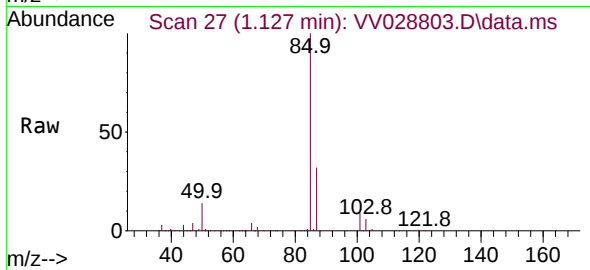




#2
 Dichlorodifluoromethane
 Concen: 48.328 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028803.D
 Acq: 01 Nov 2022 09:55

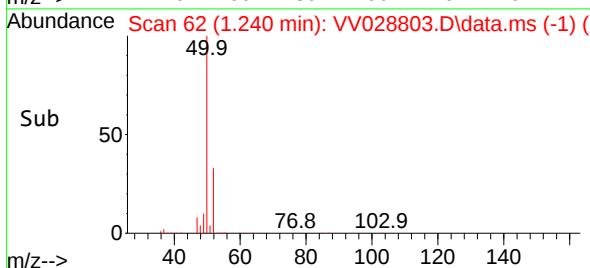
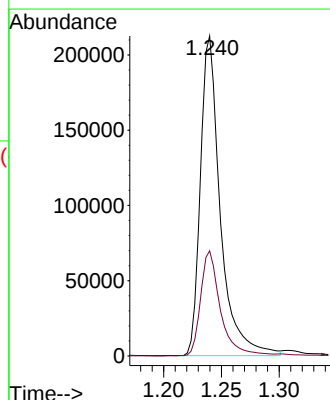
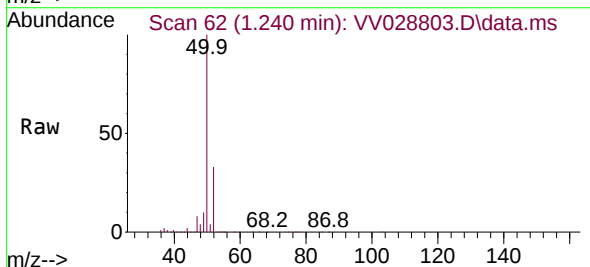
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050366

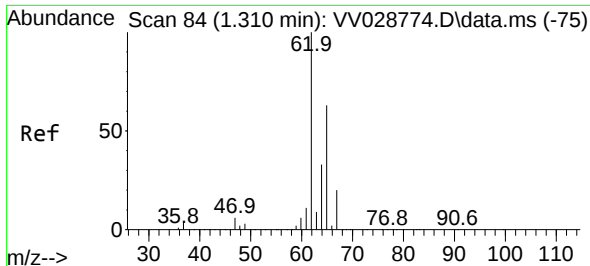
Tgt Ion: 85 Resp: 151000
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.4 38.0



#3
 Chloromethane
 Concen: 49.066 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV028803.D
 Acq: 01 Nov 2022 09:55

Tgt Ion: 50 Resp: 255139
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.7 42.1

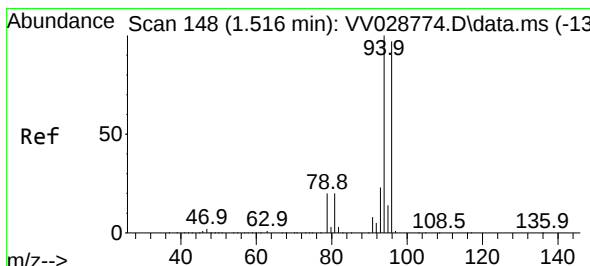
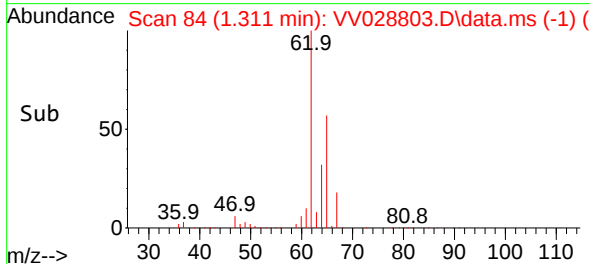
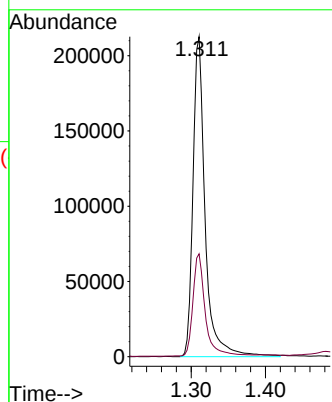
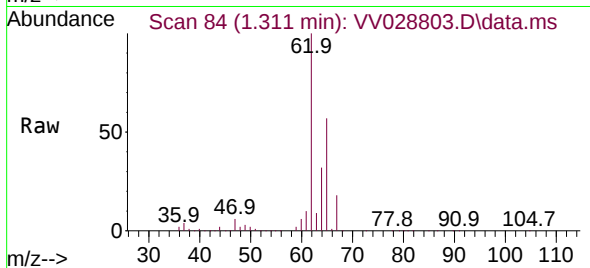




#5
 Vinyl chloride
 Concen: 51.033 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028803.D
 Acq: 01 Nov 2022 09:55

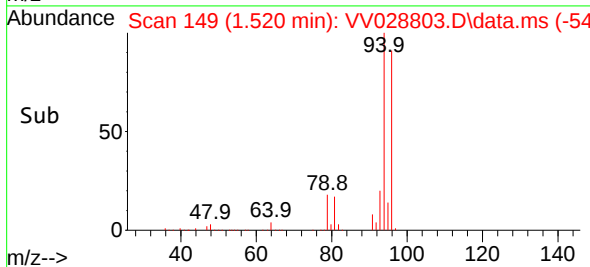
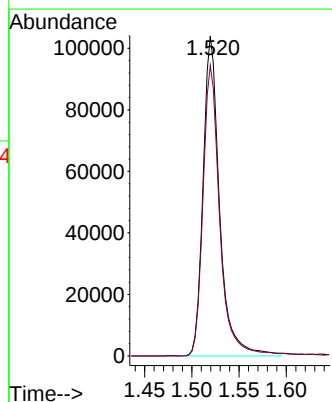
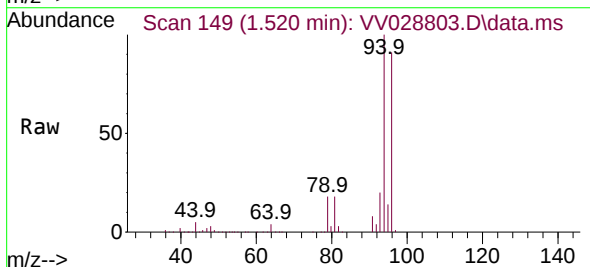
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050366

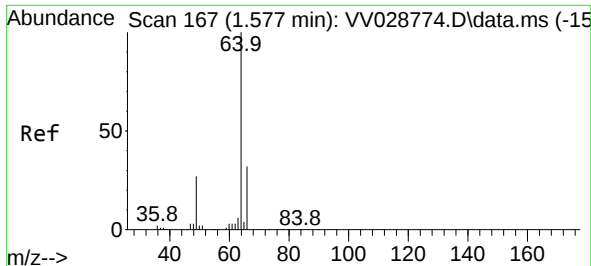
Tgt Ion: 62 Resp: 243756
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.2 43.0



#6
 Bromomethane
 Concen: 47.955 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.007 min
 Lab File: VV028803.D
 Acq: 01 Nov 2022 09:55

Tgt Ion: 94 Resp: 126384
 Ion Ratio Lower Upper
 94 100
 96 90.7 67.6 125.6

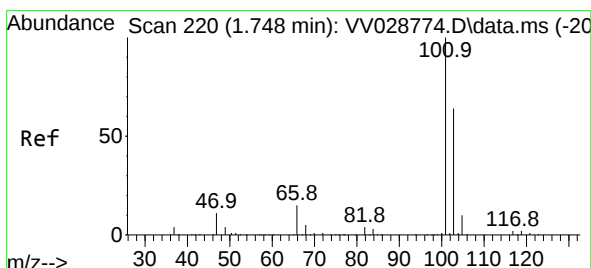
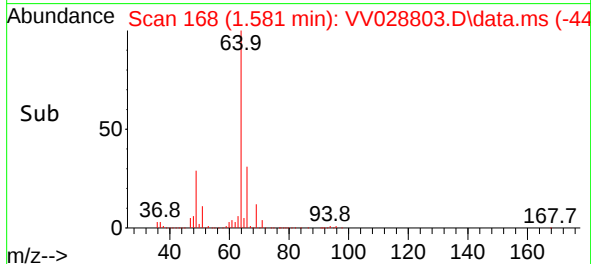
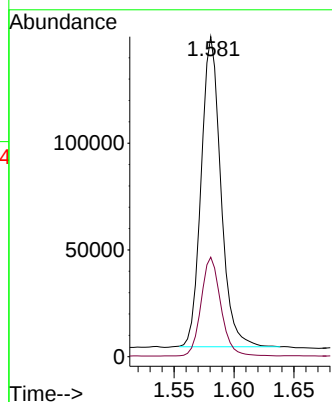
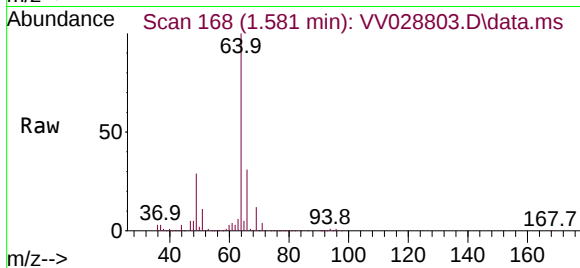




#8
Chloroethane
Concen: 54.049 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

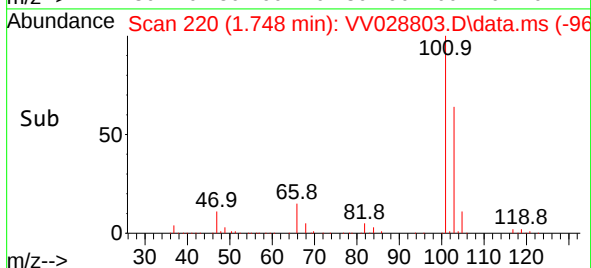
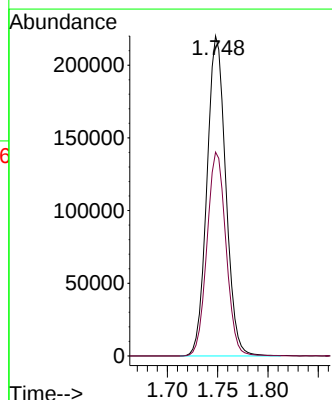
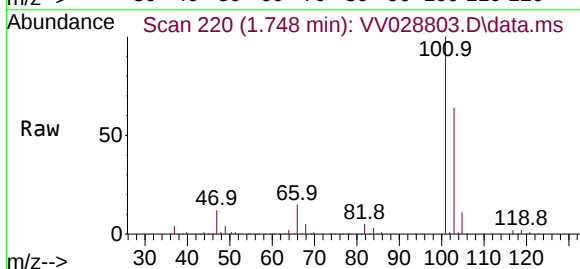
Instrument :
MSVOA_V
ClientSampleId :
VSTD050366

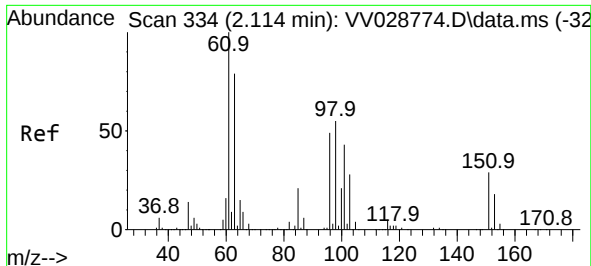
Tgt Ion: 64 Resp: 165780
Ion Ratio Lower Upper
64 100
66 31.1 21.7 40.3



#9
Trichlorofluoromethane
Concen: 50.477 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

Tgt Ion: 101 Resp: 286723
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

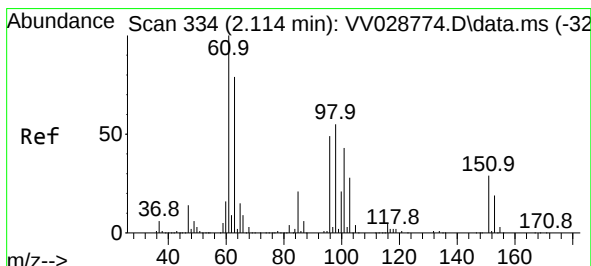
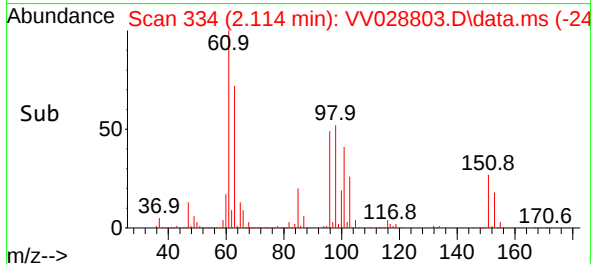
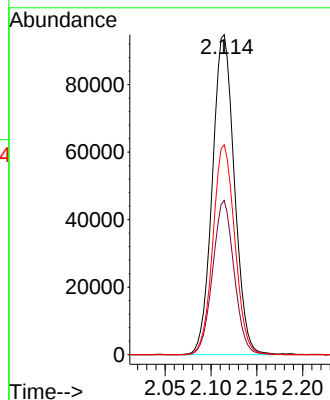
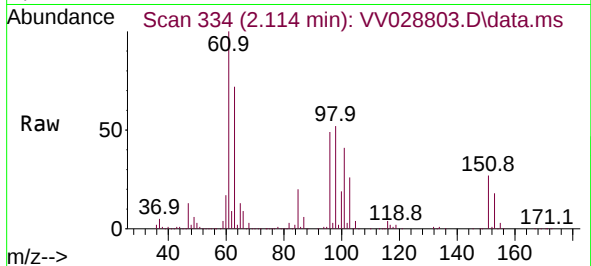




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.282 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV028803.D
 Acq: 01 Nov 2022 09:55

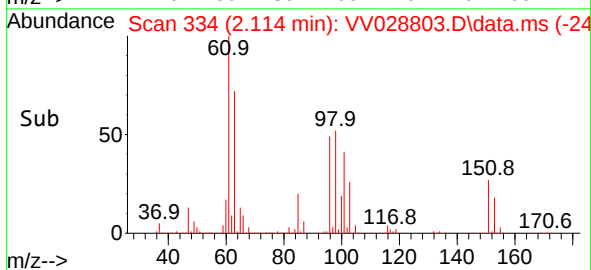
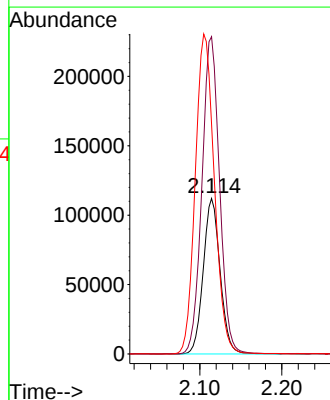
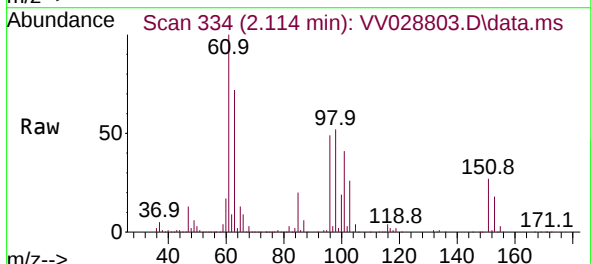
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050366

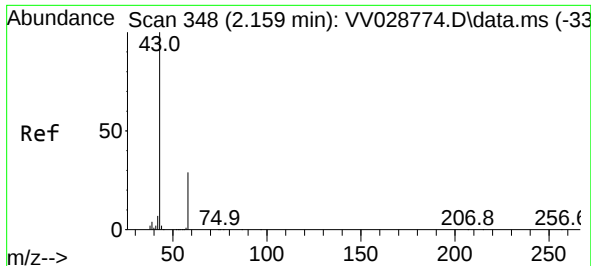
Tgt Ion:101 Resp: 158607
 Ion Ratio Lower Upper
 101 100
 85 46.9 38.0 57.0
 151 65.1 52.7 79.1



#12
 1,1-Dichloroethene
 Concen: 50.459 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV028803.D
 Acq: 01 Nov 2022 09:55

Tgt Ion: 96 Resp: 159890
 Ion Ratio Lower Upper
 96 100
 61 204.0 142.7 265.1
 63 147.8 112.5 208.9





#13

Acetone

Concen: 75.809 ug/L

RT: 2.166 min Scan# 3

Delta R.T. 0.007 min

Lab File: VV028803.D

Acq: 01 Nov 2022 09:55

Instrument :

MSVOA_V

ClientSampleId :

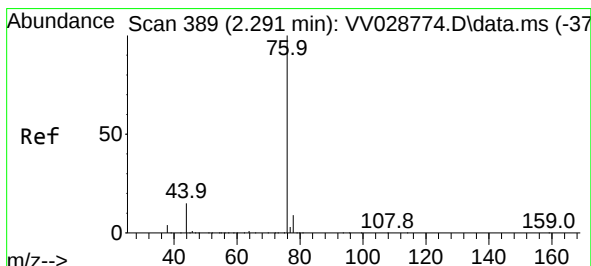
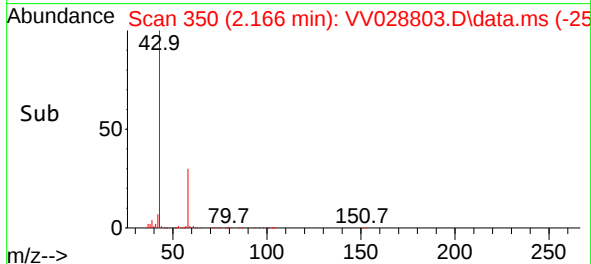
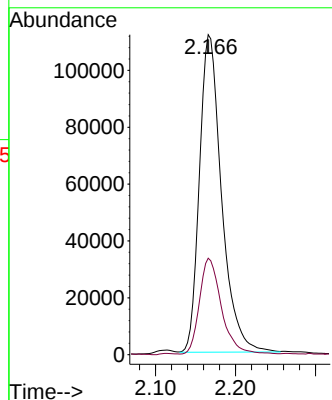
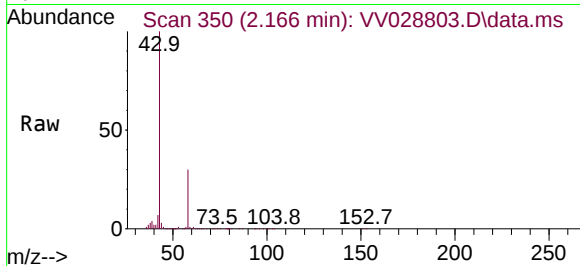
VSTD050366

Tgt Ion: 43 Resp: 215190

Ion Ratio Lower Upper

43 100

58 30.4 0.0 59.0



#14

Carbon disulfide

Concen: 47.842 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV028803.D

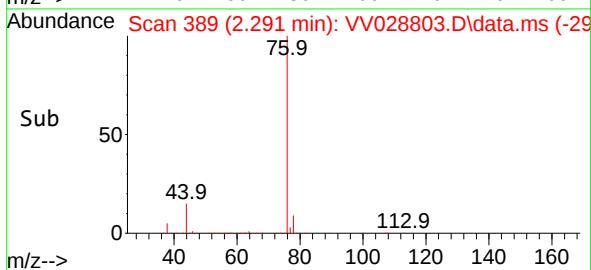
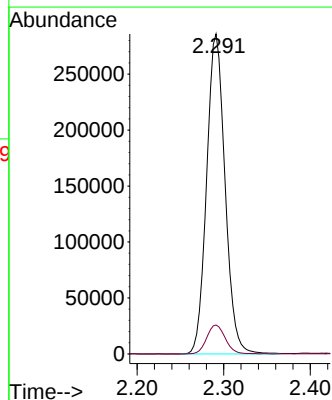
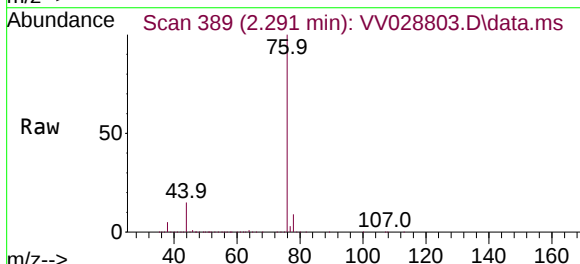
Acq: 01 Nov 2022 09:55

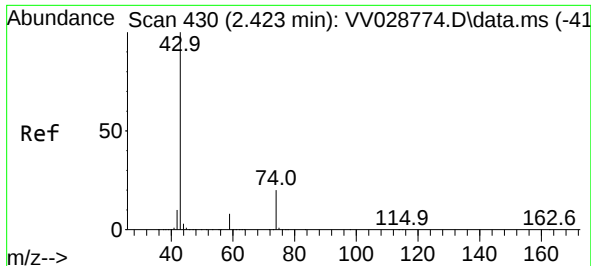
Tgt Ion: 76 Resp: 422868

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

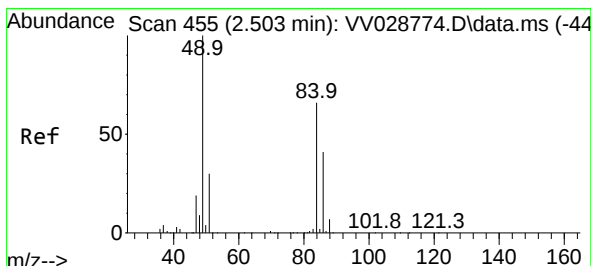
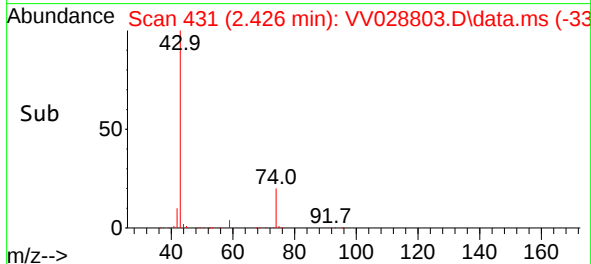
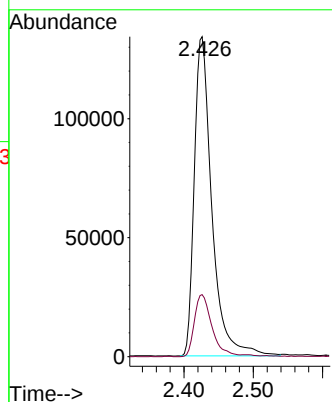
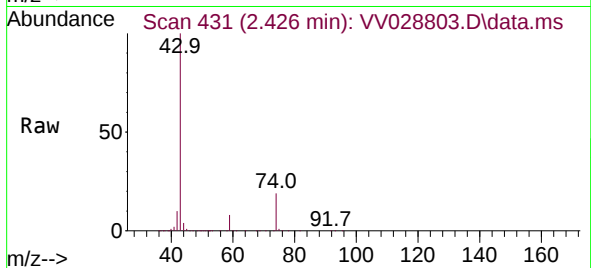




#15
Methyl Acetate
Concen: 49.733 ug/L
RT: 2.426 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

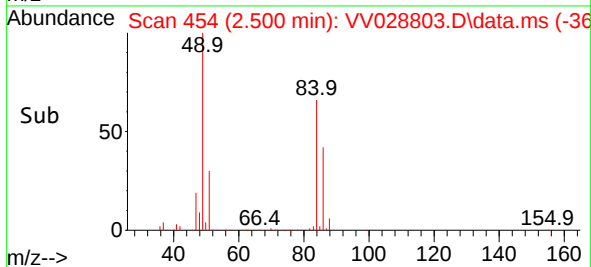
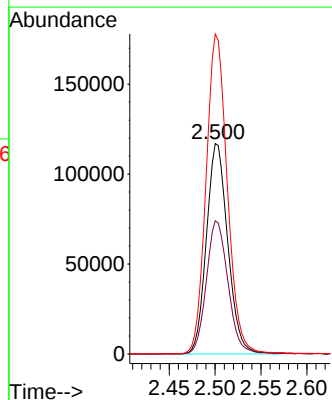
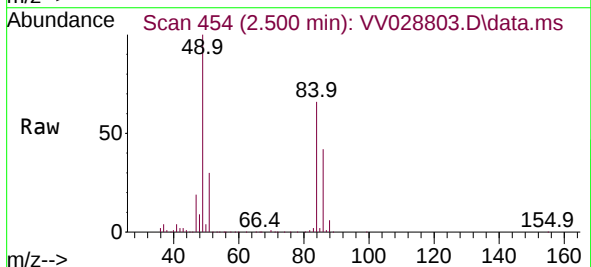
Instrument :
MSVOA_V
ClientSampleId :
VSTD050366

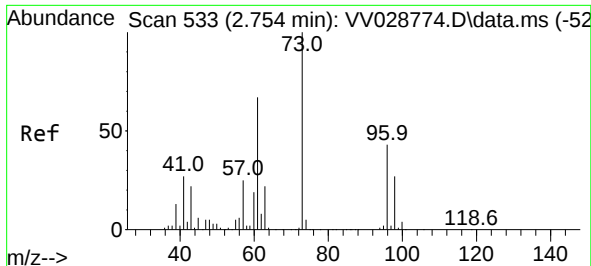
Tgt Ion: 43 Resp: 236938
Ion Ratio Lower Upper
43 100
74 19.4 15.6 23.4



#16
Methylene chloride
Concen: 49.440 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

Tgt Ion: 84 Resp: 190079
Ion Ratio Lower Upper
84 100
86 63.2 43.7 81.1
49 152.0 105.3 195.5

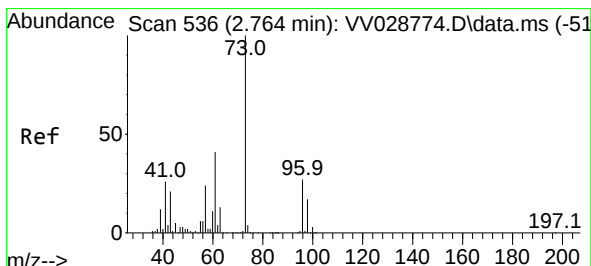
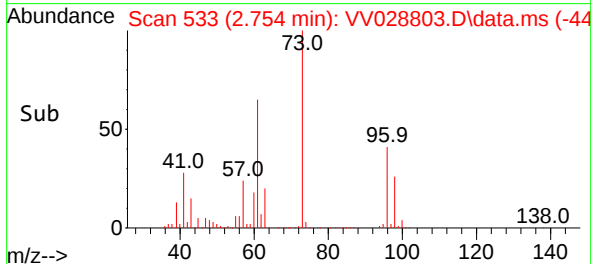
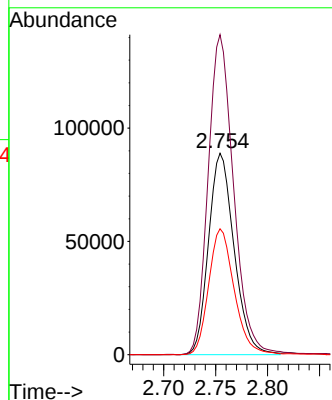
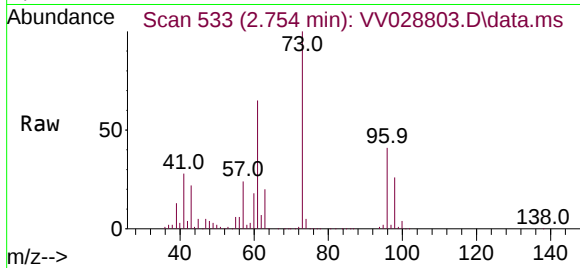




#17
 trans-1,2-Dichloroethene
 Concen: 49.808 ug/L
 RT: 2.754 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VV028803.D
 Acq: 01 Nov 2022 09:55

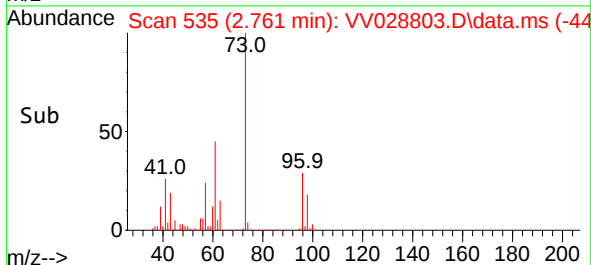
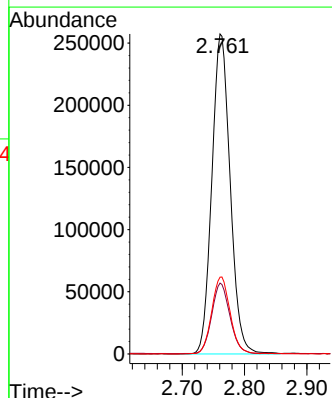
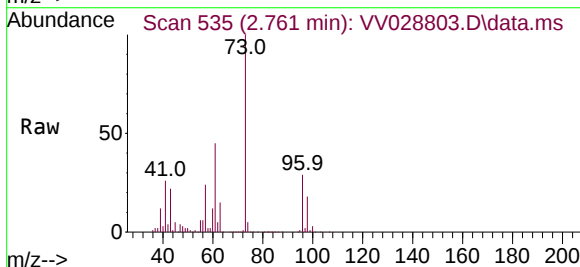
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050366

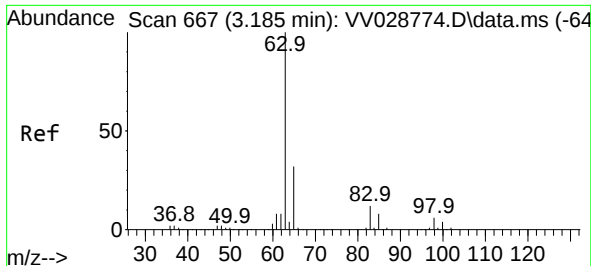
Tgt Ion: 96 Resp: 152664
 Ion Ratio Lower Upper
 96 100
 61 158.8 109.4 203.2
 98 62.5 43.3 80.5



#18
 Methyl tert-butyl Ether
 Concen: 49.546 ug/L
 RT: 2.761 min Scan# 535
 Delta R.T. -0.003 min
 Lab File: VV028803.D
 Acq: 01 Nov 2022 09:55

Tgt Ion: 73 Resp: 524591
 Ion Ratio Lower Upper
 73 100
 43 21.8 17.1 25.7
 57 24.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 49.763 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV028803.D

Acq: 01 Nov 2022 09:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD050366

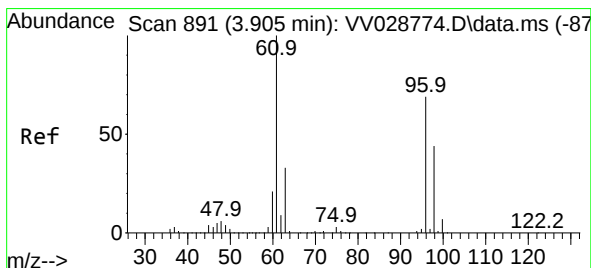
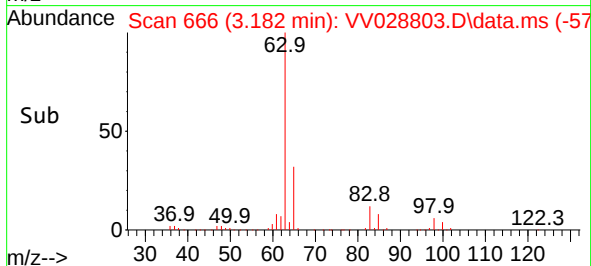
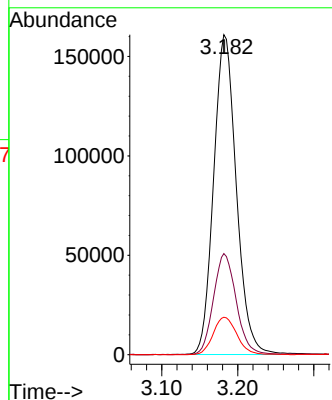
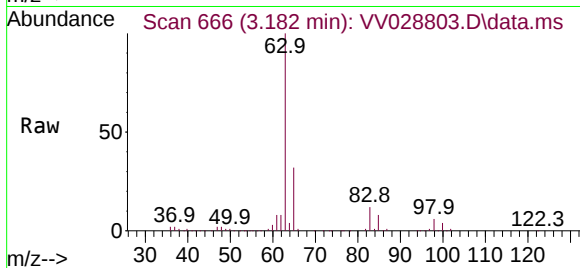
Tgt Ion: 63 Resp: 332333

Ion Ratio Lower Upper

63 100

65 31.6 22.5 41.9

83 11.7 8.5 15.9



#20

cis-1,2-Dichloroethene

Concen: 50.794 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.003 min

Lab File: VV028803.D

Acq: 01 Nov 2022 09:55

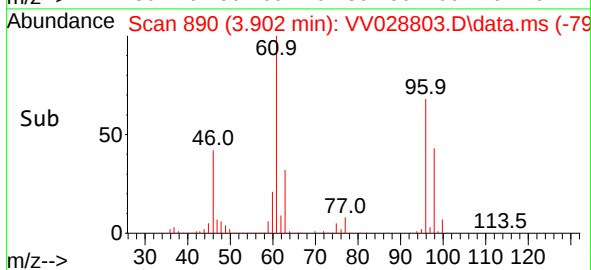
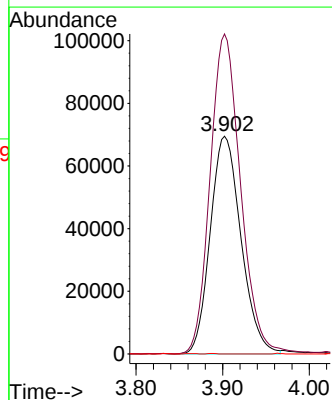
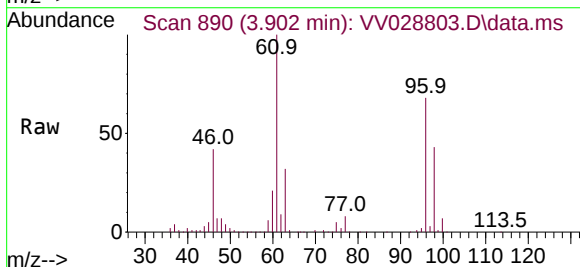
Tgt Ion: 96 Resp: 171776

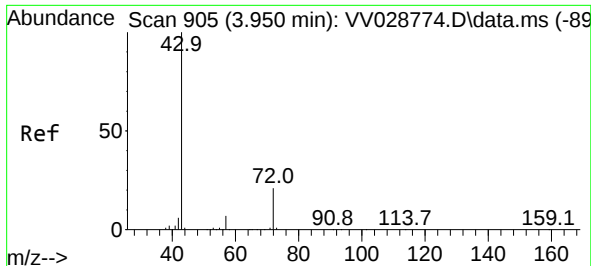
Ion Ratio Lower Upper

96 100

61 146.9 102.3 190.1

68 0.0 0.1 0.3

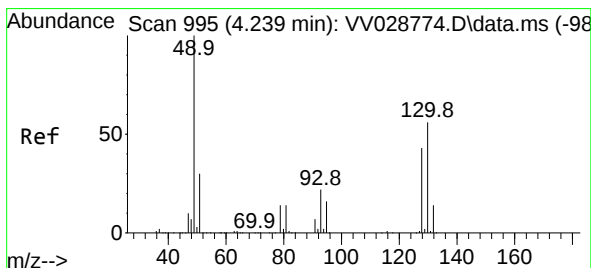
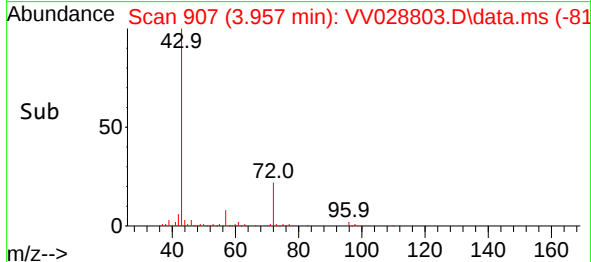
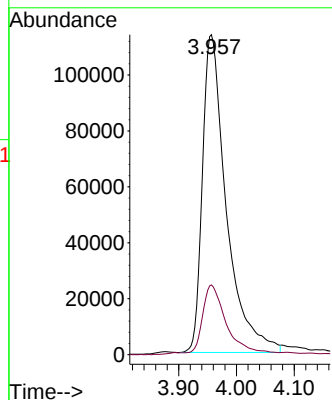
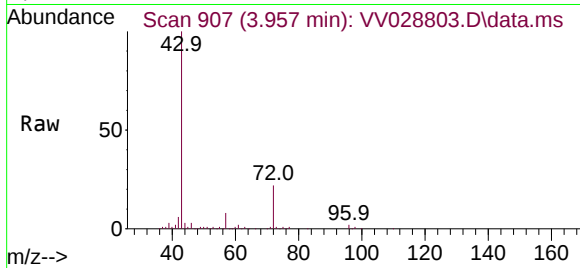




#22
2-Butanone
Concen: 93.857 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.003 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

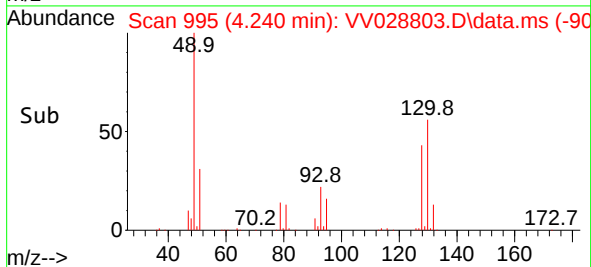
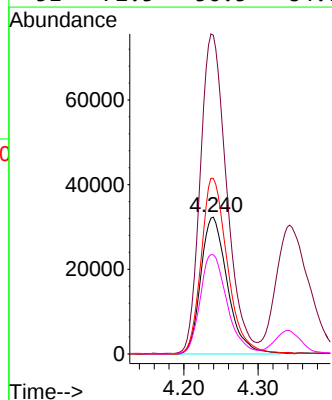
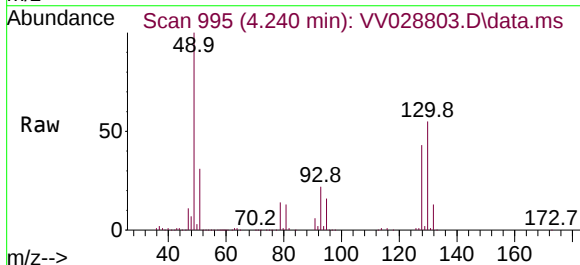
Instrument :
MSVOA_V
ClientSampleId :
VSTD050366

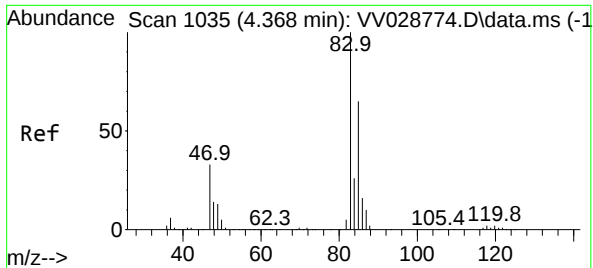
Tgt Ion: 43 Resp: 327298
Ion Ratio Lower Upper
43 100
72 20.7 10.0 30.0



#23
Bromochloromethane
Concen: 49.973 ug/L
RT: 4.240 min Scan# 995
Delta R.T. -0.003 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

Tgt Ion: 128 Resp: 80438
Ion Ratio Lower Upper
128 100
49 232.9 161.8 300.6
130 128.3 89.9 166.9
51 72.5 56.5 84.7

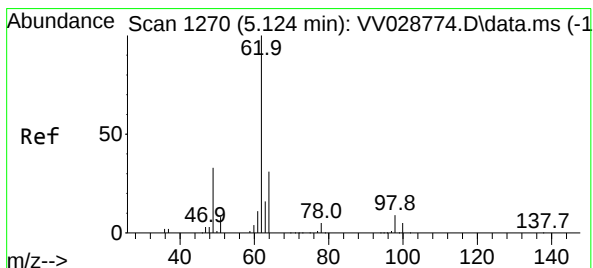
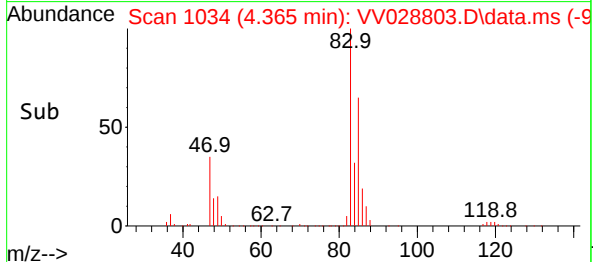
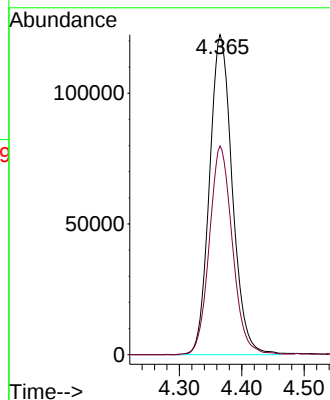
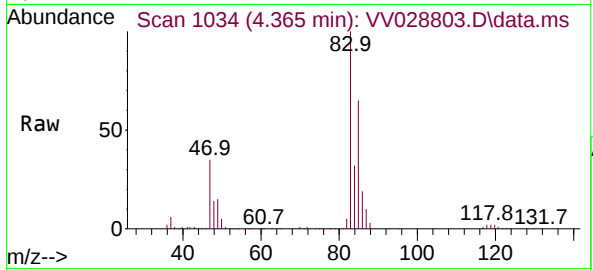




#25
Chloroform
Concen: 50.076 ug/L
RT: 4.365 min Scan# 110
Delta R.T. -0.003 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

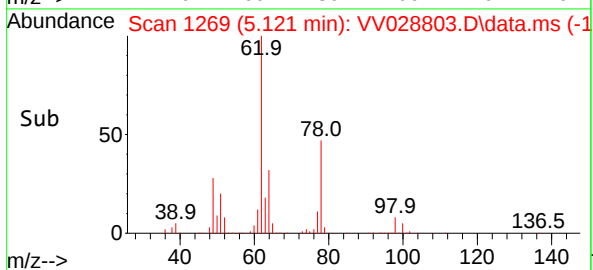
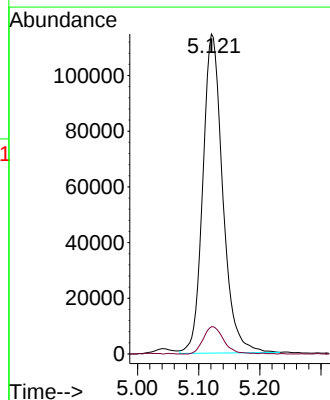
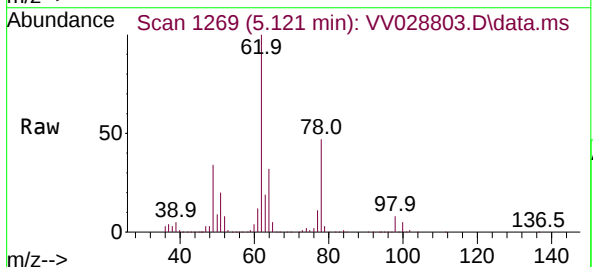
Instrument :
MSVOA_V
ClientSampleId :
VSTD050366

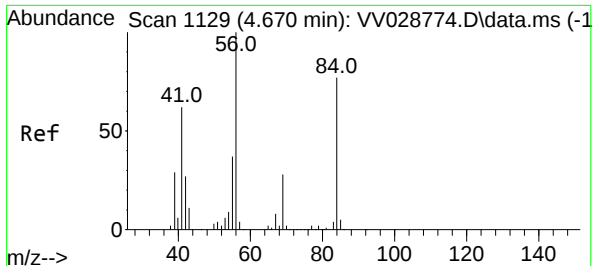
Tgt Ion: 83 Resp: 310659
Ion Ratio Lower Upper
83 100
85 65.2 45.3 84.1



#27
1,2-Dichloroethane
Concen: 51.233 ug/L
RT: 5.121 min Scan# 1269
Delta R.T. -0.003 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

Tgt Ion: 62 Resp: 259561
Ion Ratio Lower Upper
62 100
98 8.5 6.9 10.3





#29

Cyclohexane

Concen: 50.096 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV028803.D

Acq: 01 Nov 2022 09:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD050366

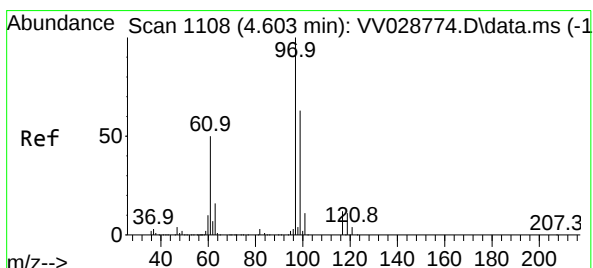
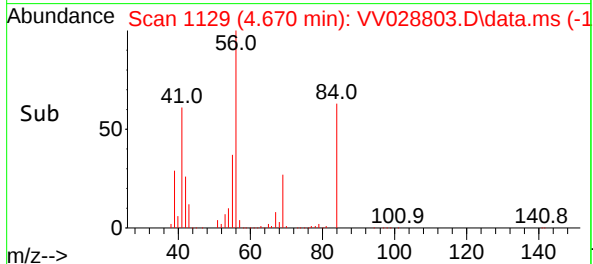
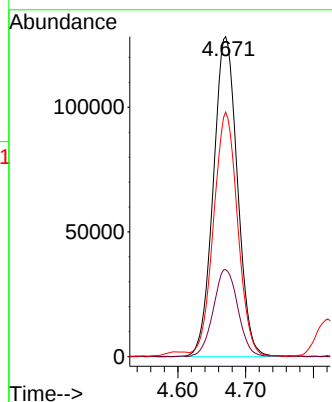
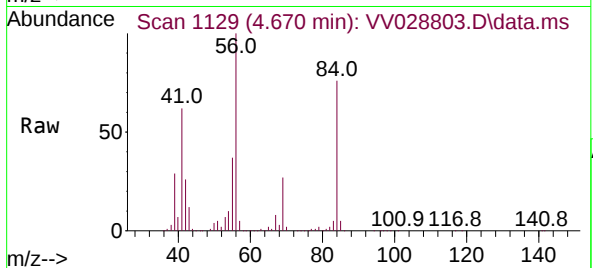
Tgt Ion: 56 Resp: 315620

Ion Ratio Lower Upper

56 100

69 28.0 22.2 33.2

84 76.3 62.3 93.5



#30

1,1,1-Trichloroethane

Concen: 50.426 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV028803.D

Acq: 01 Nov 2022 09:55

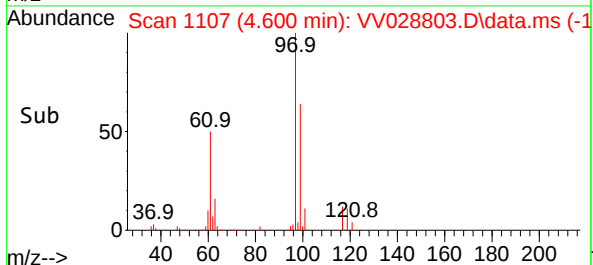
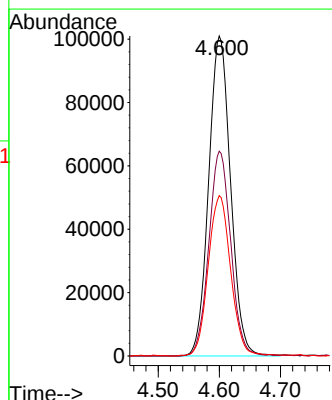
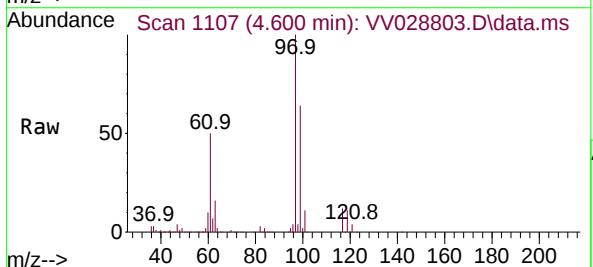
Tgt Ion: 97 Resp: 250973

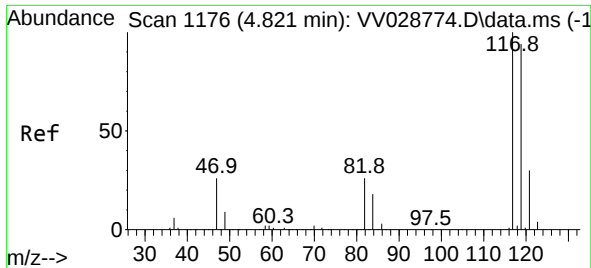
Ion Ratio Lower Upper

97 100

99 64.1 50.2 75.4

61 50.9 40.2 60.4

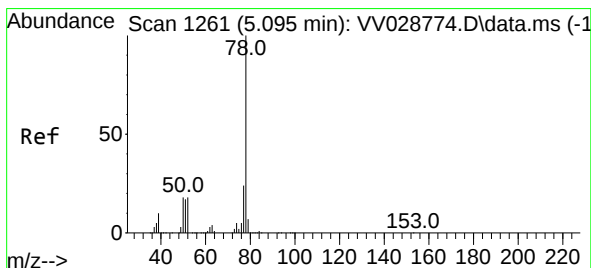
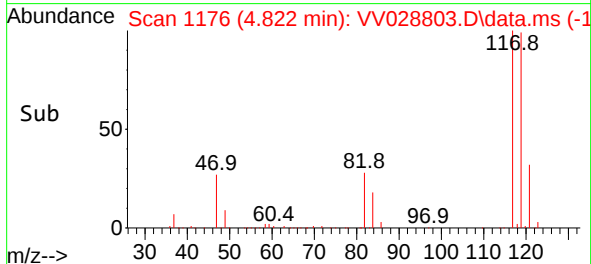
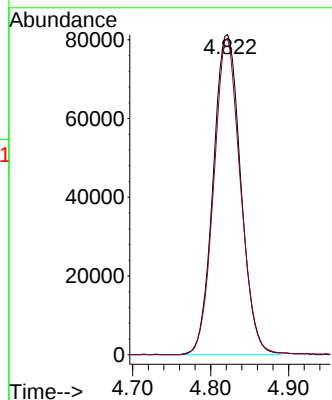
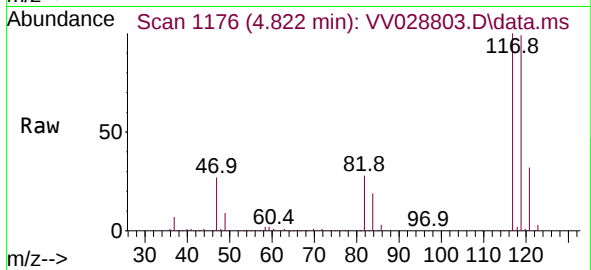




#31
Carbon tetrachloride
Concen: 50.115 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

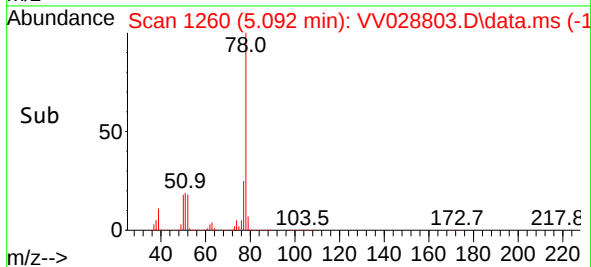
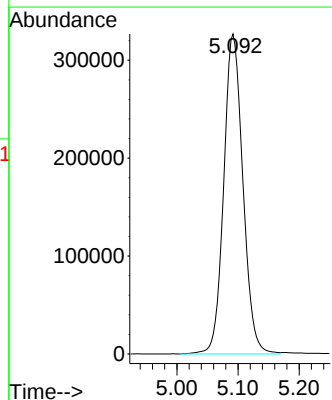
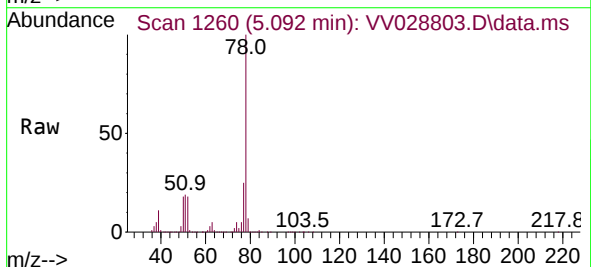
Instrument :
MSVOA_V
ClientSampleId :
VSTD050366

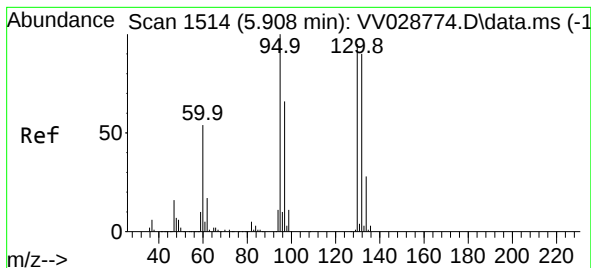
Tgt Ion:117 Resp: 199284
Ion Ratio Lower Upper
117 100
119 96.0 76.1 114.1



#33
Benzene
Concen: 51.265 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

Tgt Ion: 78 Resp: 712622





#34

Trichloroethene

Concen: 49.867 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028803.D

Acq: 01 Nov 2022 09:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD050366

Tgt Ion: 95 Resp: 162105

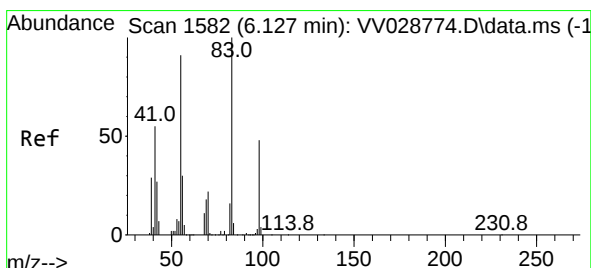
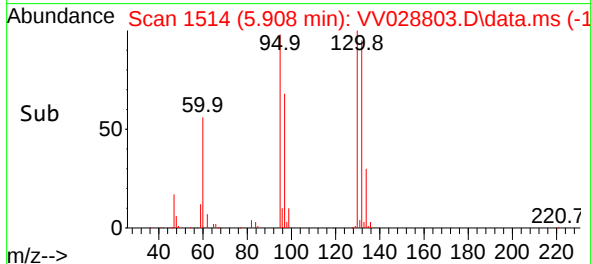
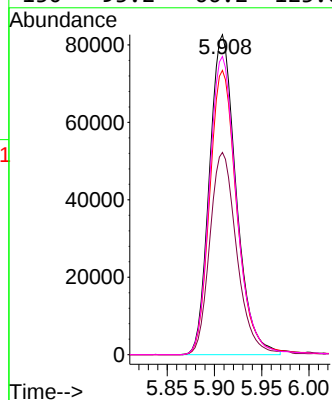
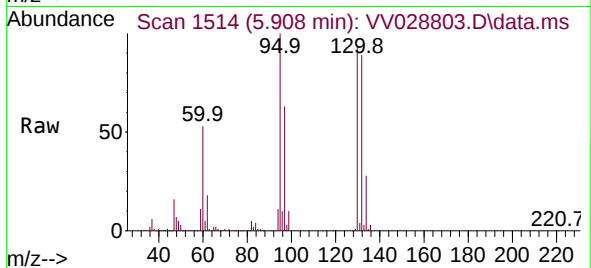
Ion Ratio Lower Upper

95 100

97 63.2 46.2 85.8

132 88.9 63.2 117.4

130 93.2 66.2 123.0



#35

Methylcyclohexane

Concen: 49.241 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.003 min

Lab File: VV028803.D

Acq: 01 Nov 2022 09:55

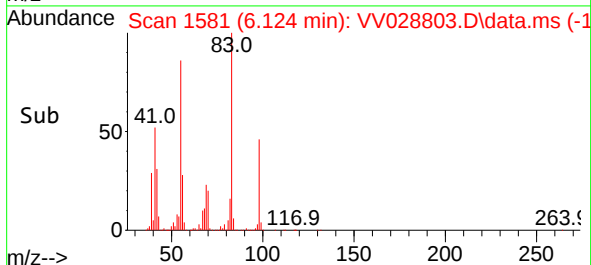
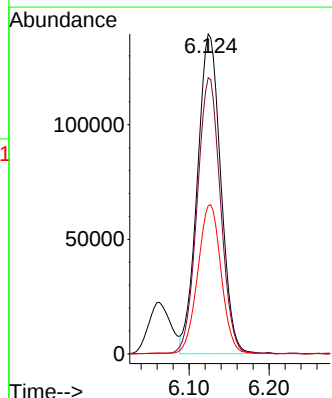
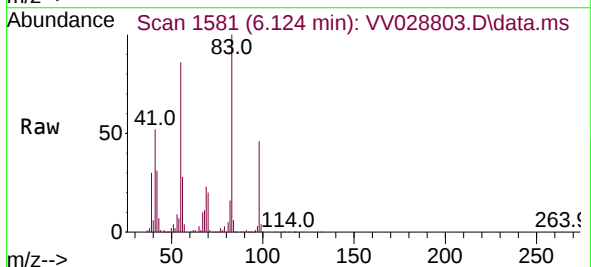
Tgt Ion: 83 Resp: 283906

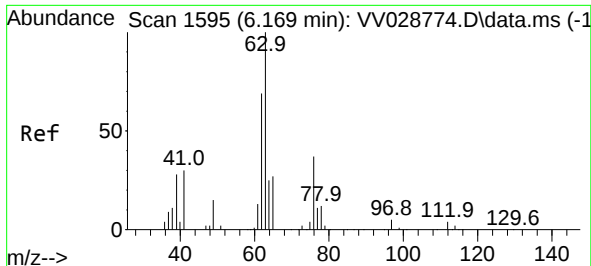
Ion Ratio Lower Upper

83 100

55 86.4 69.4 104.2

98 46.9 37.0 55.4





#37

1,2-Dichloropropane

Concen: 51.009 ug/L

RT: 6.166 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV028803.D

Acq: 01 Nov 2022 09:55

Instrument :

MSVOA_V

ClientSampleId :

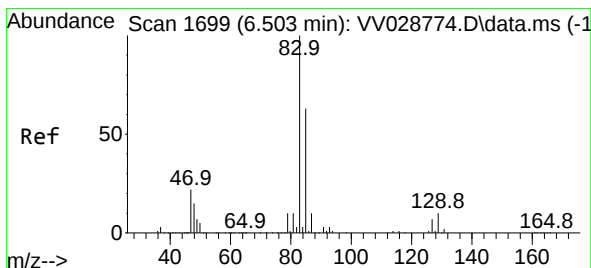
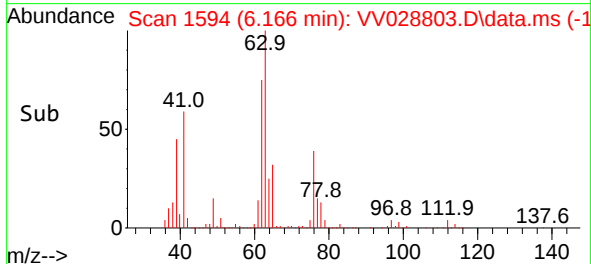
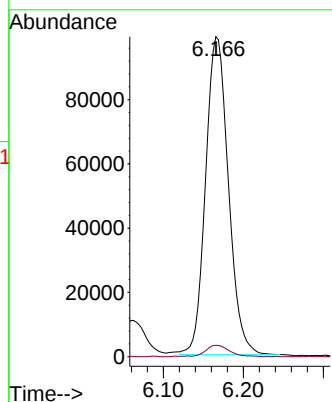
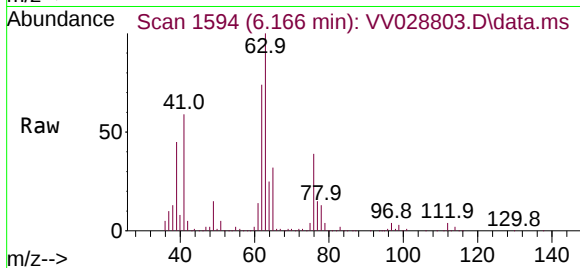
VSTD050366

Tgt Ion: 63 Resp: 196185

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.6



#38

Bromodichloromethane

Concen: 51.606 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV028803.D

Acq: 01 Nov 2022 09:55

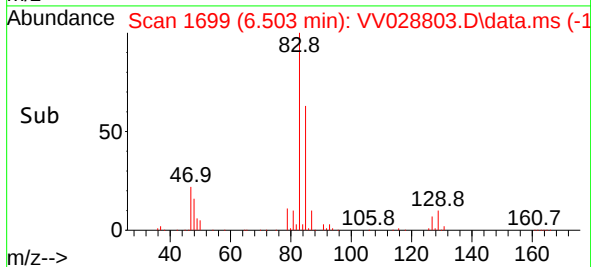
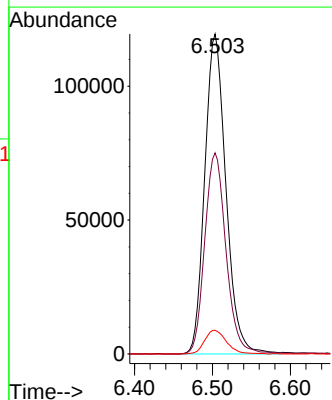
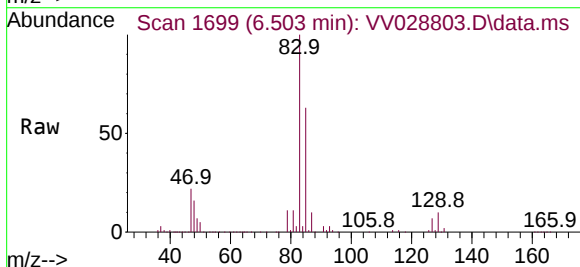
Tgt Ion: 83 Resp: 225487

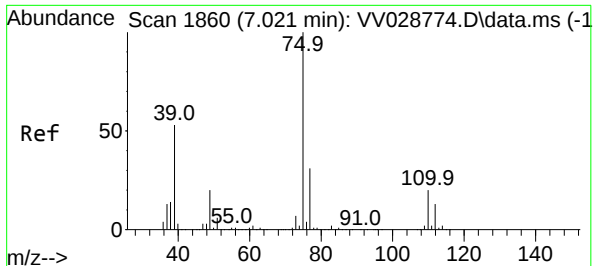
Ion Ratio Lower Upper

83 100

85 62.9 44.3 82.3

127 7.4 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 48.153 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VV028803.D

Acq: 01 Nov 2022 09:55

Instrument :

MSVOA_V

ClientSampleId :

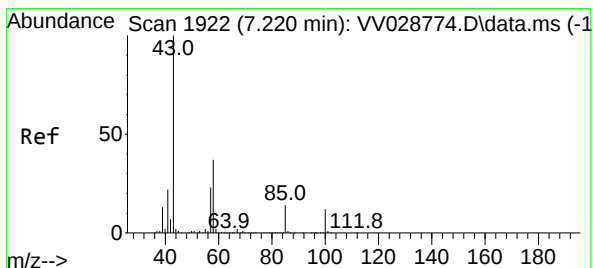
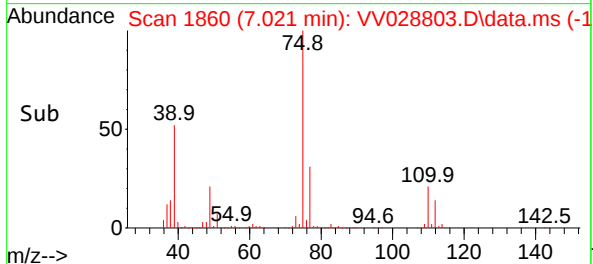
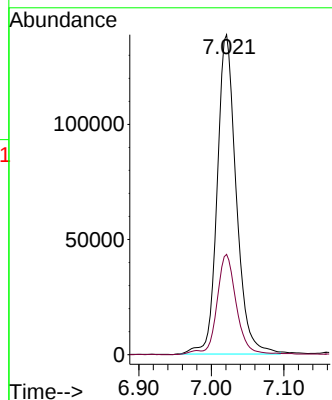
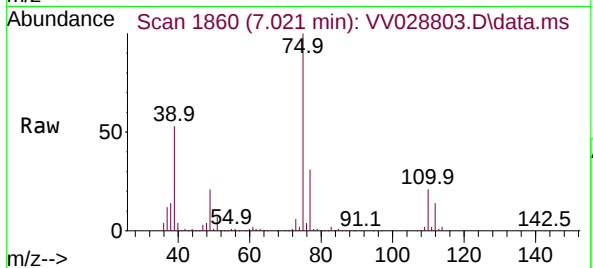
VSTD050366

Tgt Ion: 75 Resp: 252928

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 101.718 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. 0.000 min

Lab File: VV028803.D

Acq: 01 Nov 2022 09:55

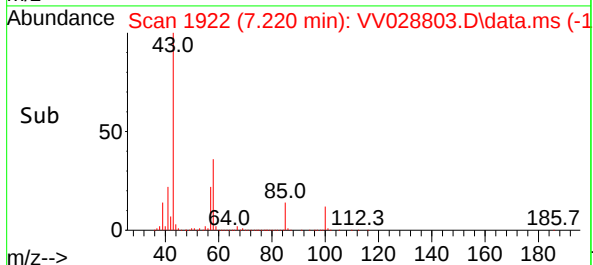
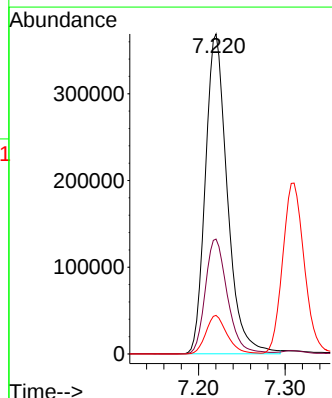
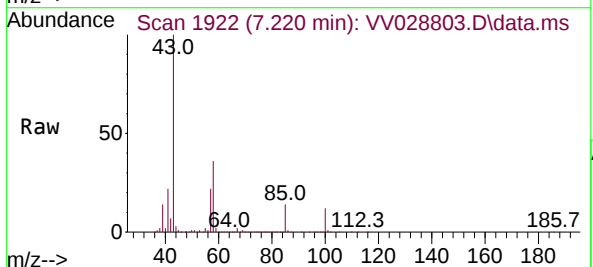
Tgt Ion: 43 Resp: 650628

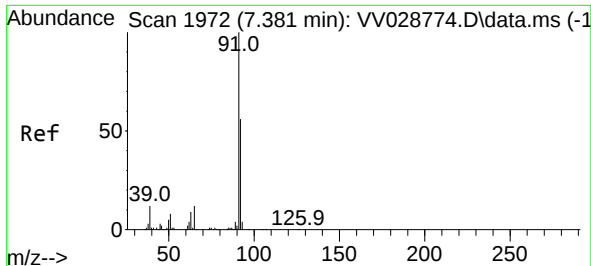
Ion Ratio Lower Upper

43 100

58 36.3 29.1 43.7

100 11.7 9.5 14.3





#42

Toluene

Concen: 50.934 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. -0.003 min

Lab File: VV028803.D

Acq: 01 Nov 2022 09:55

Instrument :

MSVOA_V

ClientSampleId :

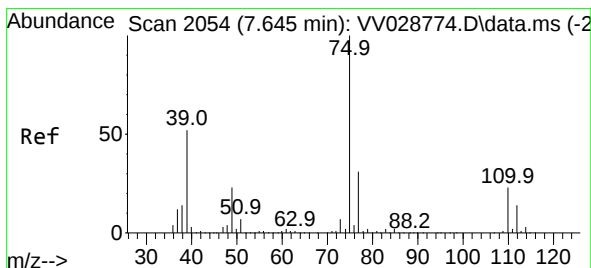
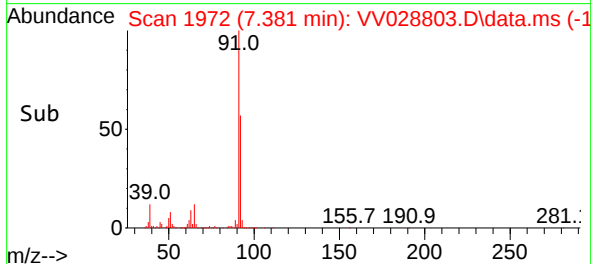
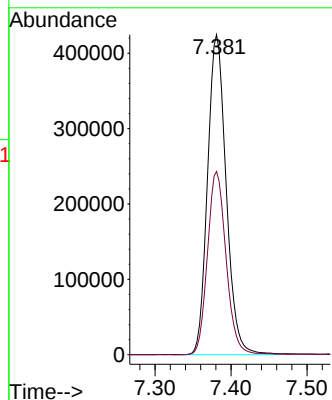
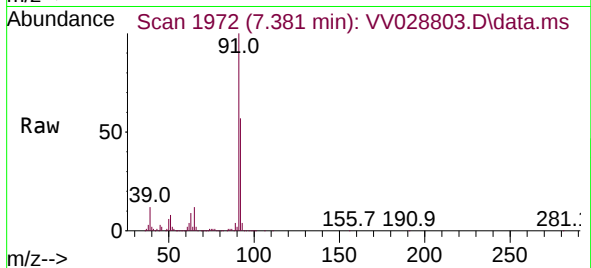
VSTD050366

Tgt Ion: 91 Resp: 721903

Ion Ratio Lower Upper

91 100

92 57.2 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 48.249 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VV028803.D

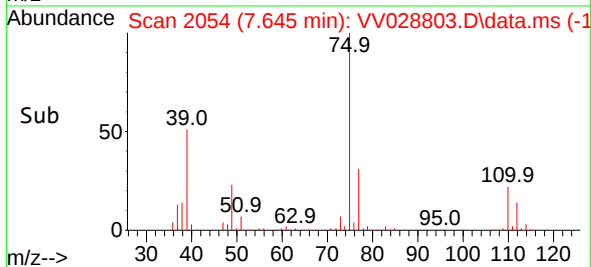
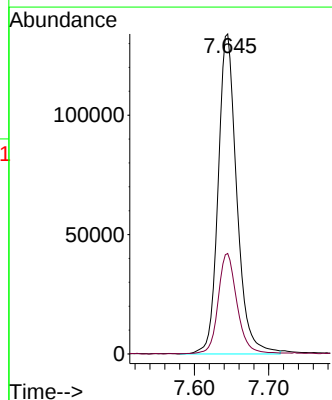
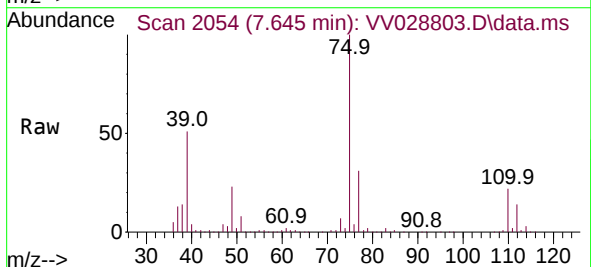
Acq: 01 Nov 2022 09:55

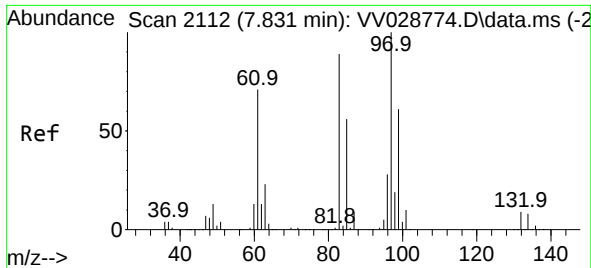
Tgt Ion: 75 Resp: 234355

Ion Ratio Lower Upper

75 100

77 31.4 22.0 41.0



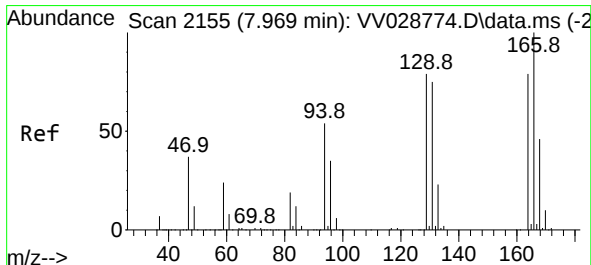
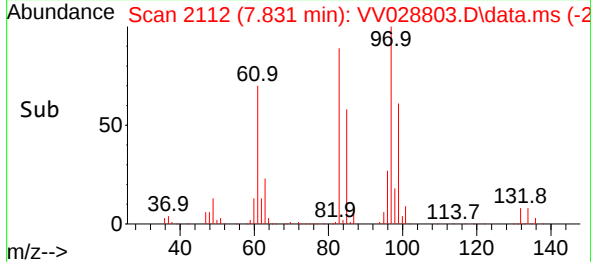
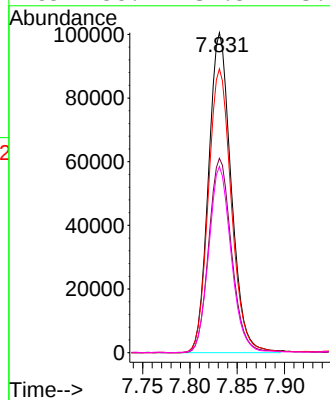
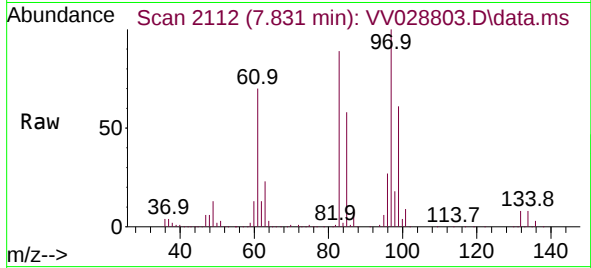


#45
1,1,2-Trichloroethane
Concen: 50.689 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.003 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD050366

Tgt Ion: 97 Resp: 167253

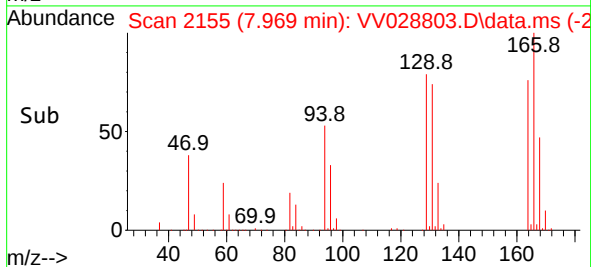
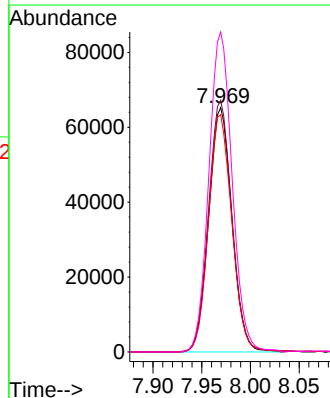
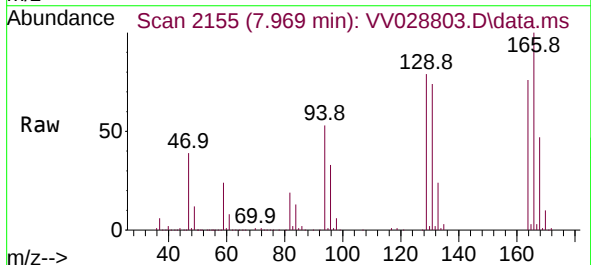
Ion	Ratio	Lower	Upper
97	100		
99	60.7	42.9	79.7
83	88.7	62.7	116.5
85	58.2	39.5	73.3

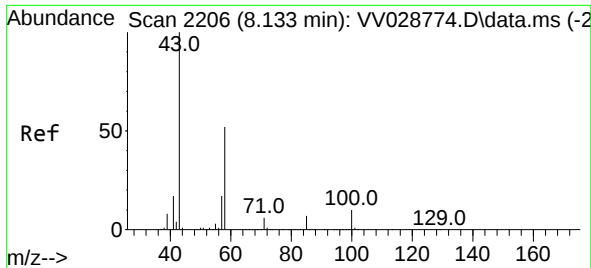


#46
Tetrachloroethene
Concen: 48.144 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

Tgt Ion: 164 Resp: 108470

Ion	Ratio	Lower	Upper
164	100		
129	103.0	69.5	129.1
131	97.1	66.4	123.2
166	130.9	88.5	164.3



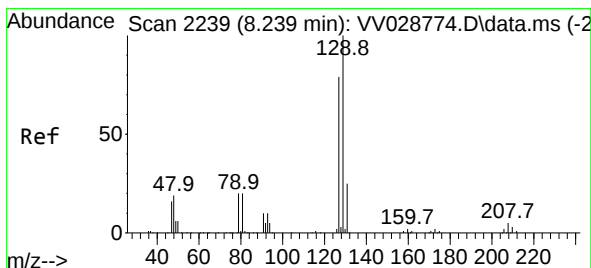
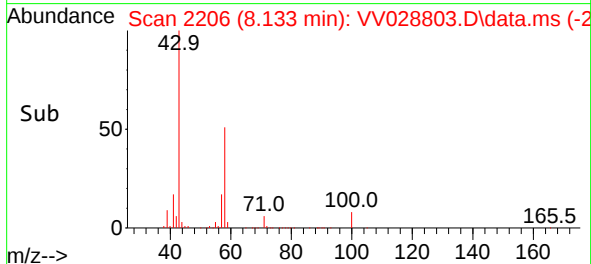
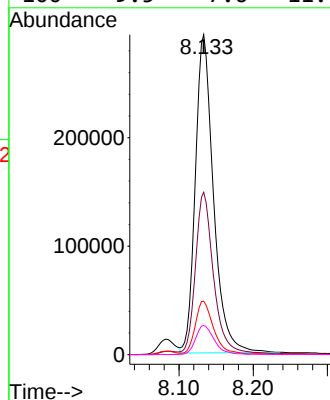
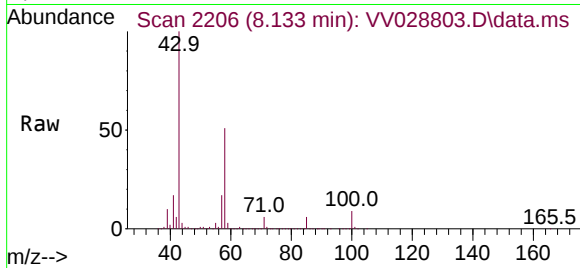


#48
2-Hexanone
Concen: 102.699 ug/L
RT: 8.133 min Scan# 2206
Delta R.T. 0.000 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD050366

Tgt Ion: 43 Resp: 500304

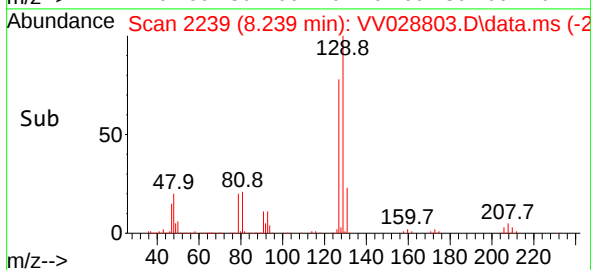
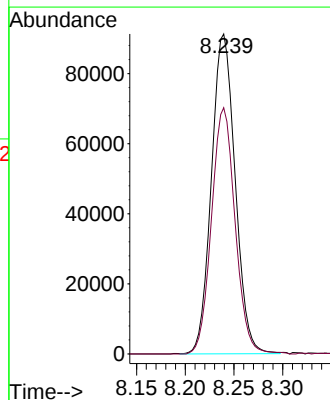
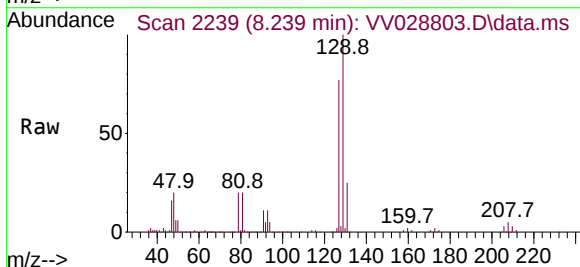
Ion	Ratio	Lower	Upper
43	100		
58	50.2	41.4	62.0
57	16.6	13.8	20.6
100	9.5	7.6	11.4

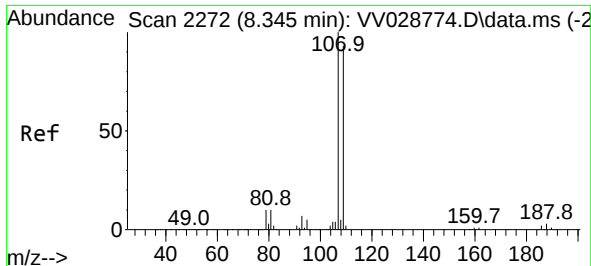


#49
Dibromochloromethane
Concen: 50.669 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

Tgt Ion: 129 Resp: 154763

Ion	Ratio	Lower	Upper
129	100		
127	77.0	55.3	102.7





#50

1,2-Dibromoethane

Concen: 50.965 ug/L

RT: 8.346 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028803.D

Acq: 01 Nov 2022 09:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD050366

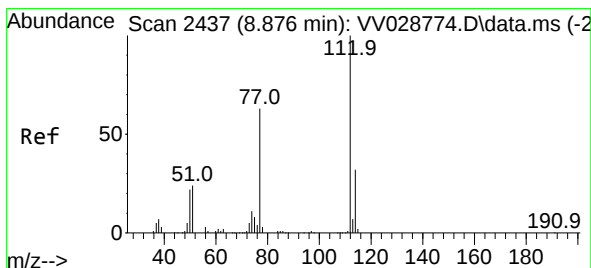
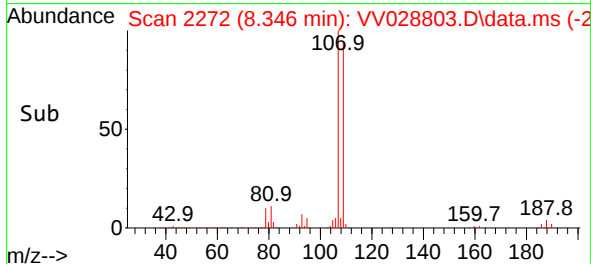
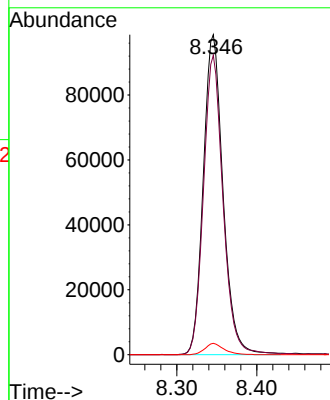
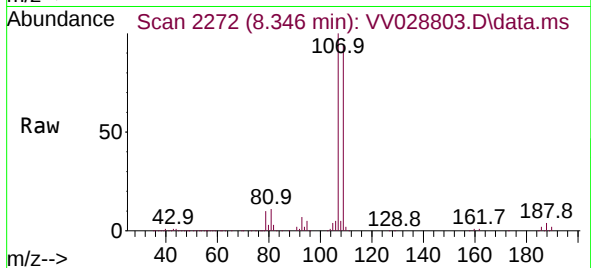
Tgt Ion:107 Resp: 169439

Ion Ratio Lower Upper

107 100

109 93.5 65.2 121.0

188 3.7 2.6 4.0



#51

Chlorobenzene

Concen: 49.337 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.003 min

Lab File: VV028803.D

Acq: 01 Nov 2022 09:55

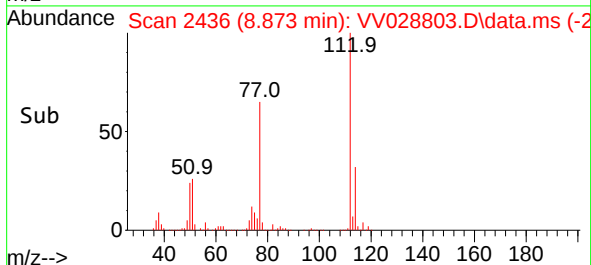
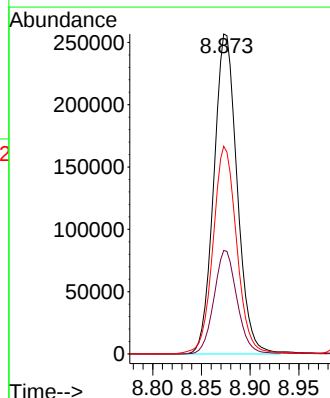
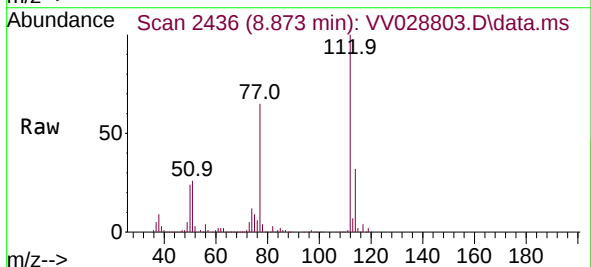
Tgt Ion:112 Resp: 428185

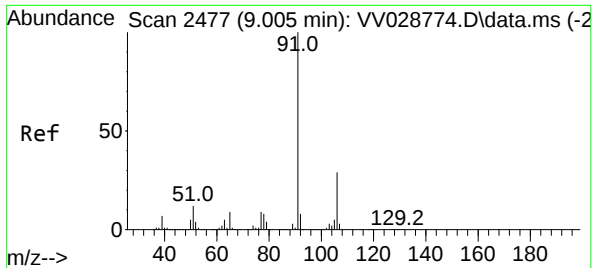
Ion Ratio Lower Upper

112 100

114 32.4 22.3 41.5

77 64.9 50.6 75.8

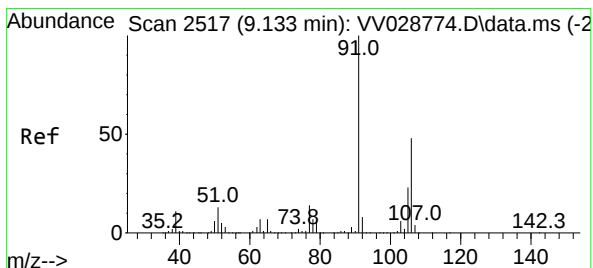
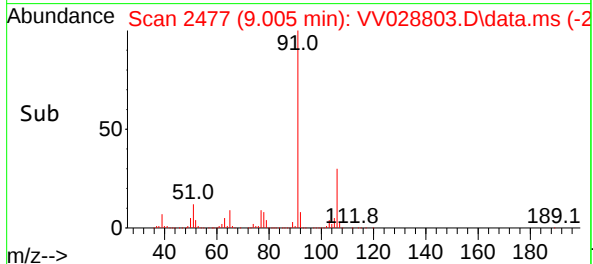
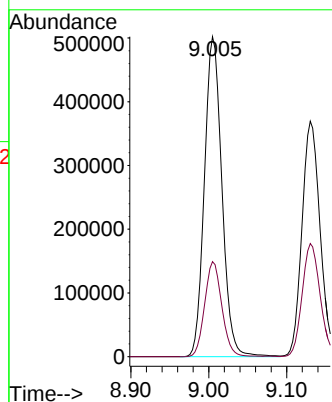
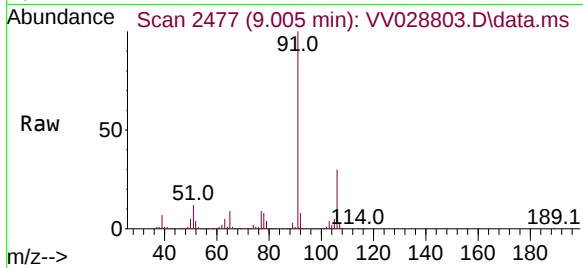




#52
Ethylbenzene
Concen: 51.376 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

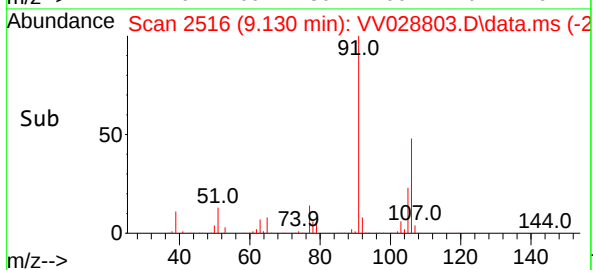
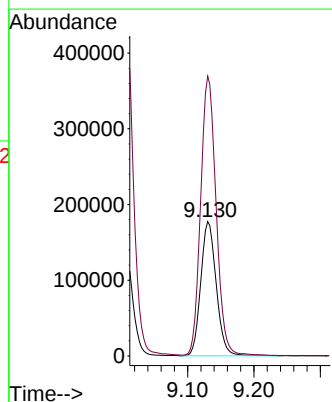
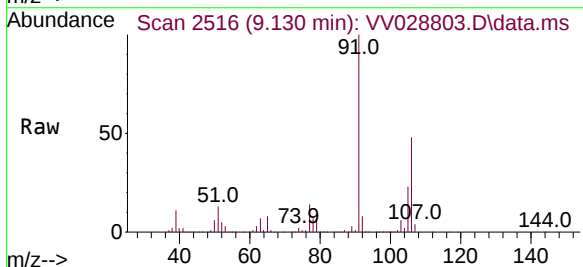
Instrument :
MSVOA_V
ClientSampleId :
VSTD050366

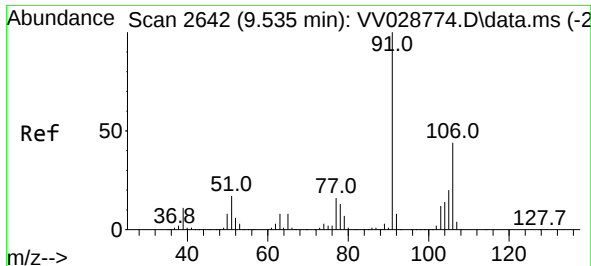
Tgt Ion: 91 Resp: 783334
Ion Ratio Lower Upper
91 100
106 29.7 20.4 38.0



#53
m,p-Xylene
Concen: 51.598 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.003 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

Tgt Ion: 106 Resp: 286941
Ion Ratio Lower Upper
106 100
91 208.1 146.2 271.6

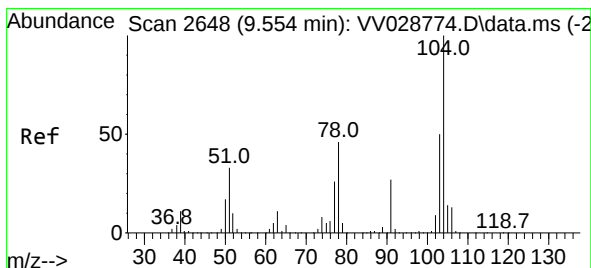
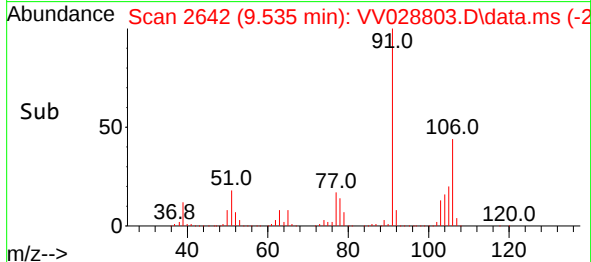
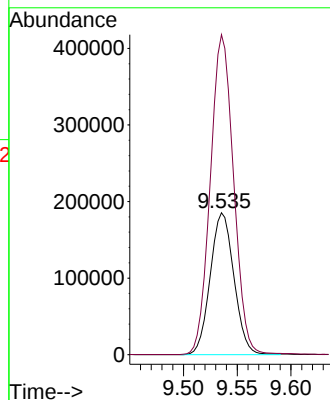
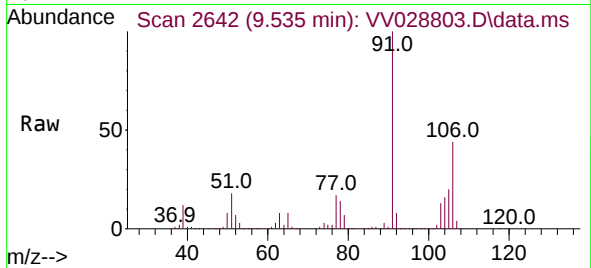




#54
o-Xylene
Concen: 51.230 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

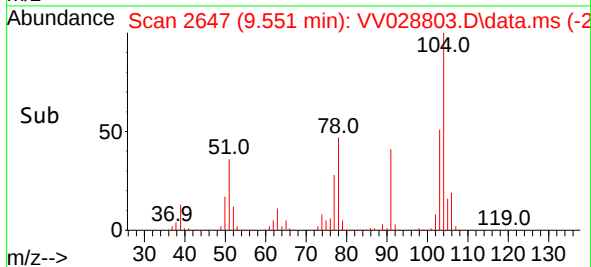
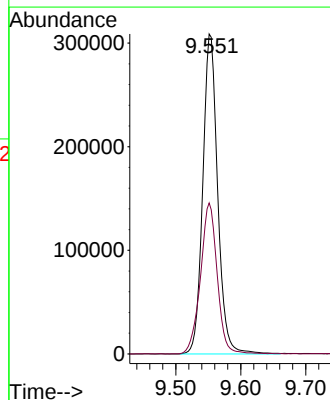
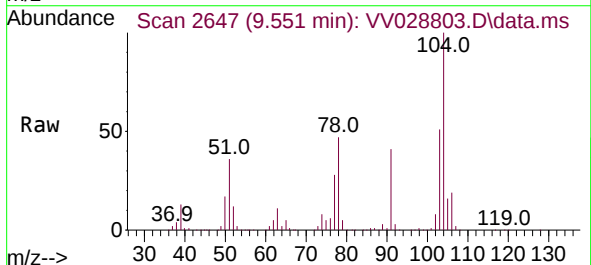
Instrument :
MSVOA_V
ClientSampleId :
VSTD050366

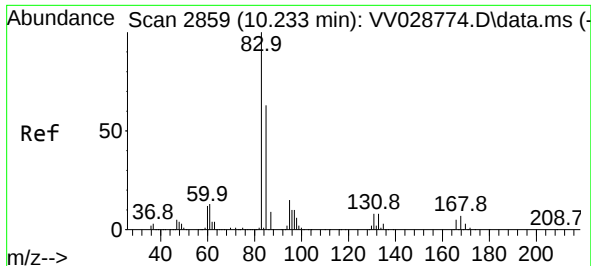
Tgt Ion:106 Resp: 284427
Ion Ratio Lower Upper
106 100
91 225.4 158.1 293.7



#55
Styrene
Concen: 51.882 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.003 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

Tgt Ion:104 Resp: 493966
Ion Ratio Lower Upper
104 100
78 47.2 31.9 59.3

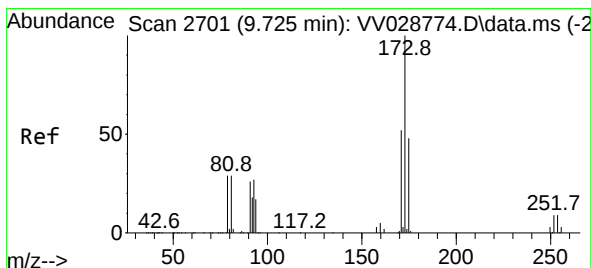
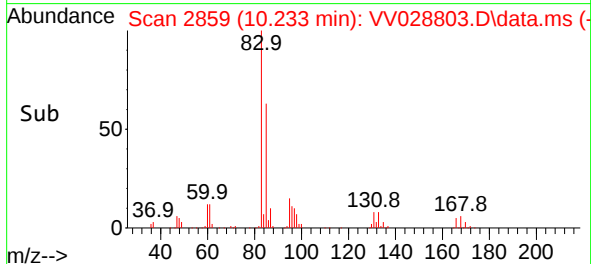
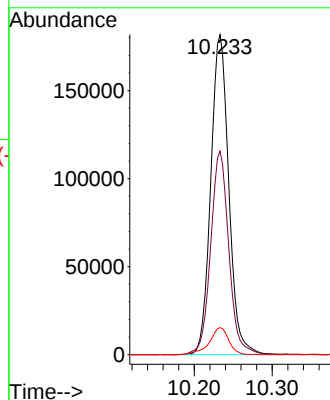
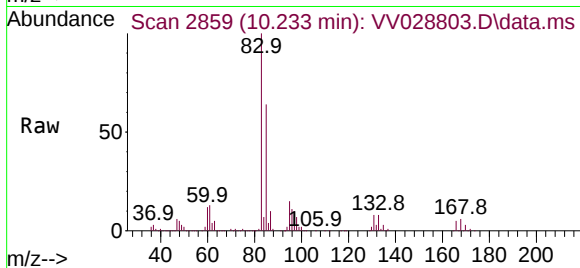




#57
1,1,2,2-Tetrachloroethane
Concen: 50.205 ug/L
RT: 10.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

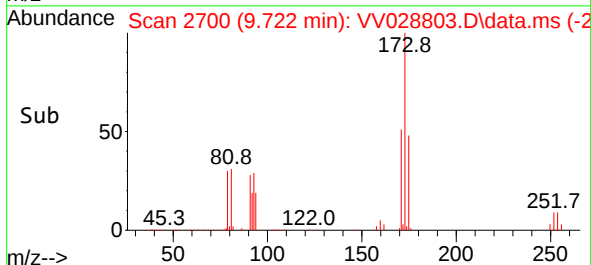
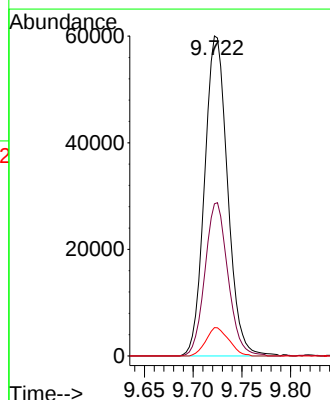
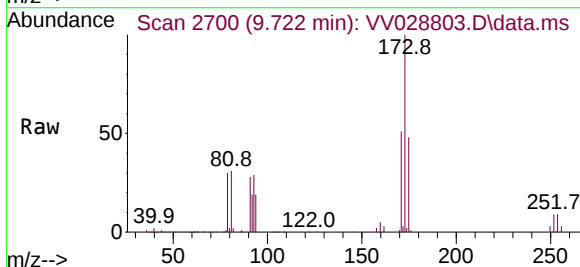
Instrument :
MSVOA_V
ClientSampleId :
VSTD050366

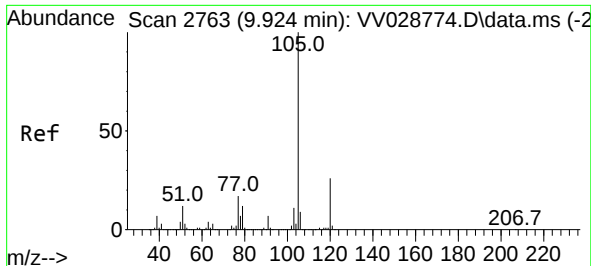
Tgt Ion: 83 Resp: 292381
Ion Ratio Lower Upper
83 100
85 63.6 44.4 82.4
131 8.5 6.5 9.7



#59
Bromoform
Concen: 50.388 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

Tgt Ion: 173 Resp: 98606
Ion Ratio Lower Upper
173 100
175 48.0 38.7 58.1
254 8.8 7.2 10.8

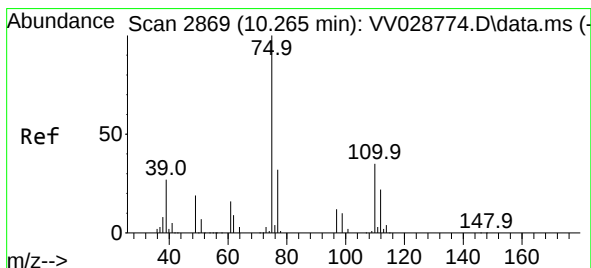
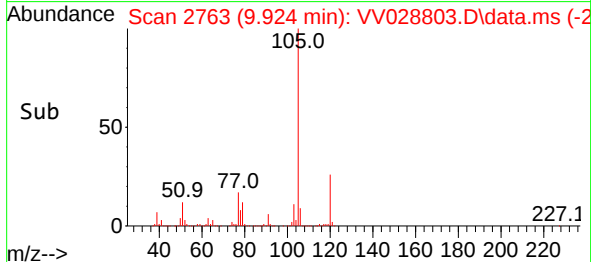
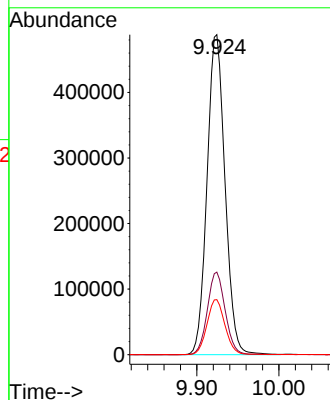
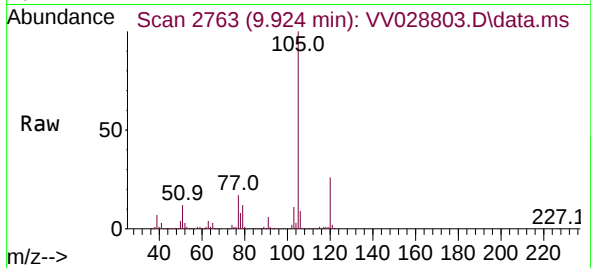




#60
Isopropylbenzene
Concen: 49.655 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

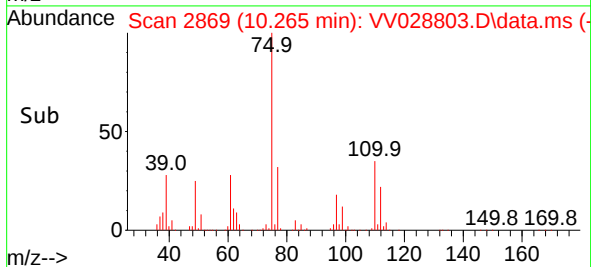
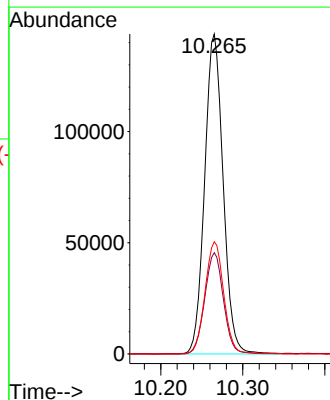
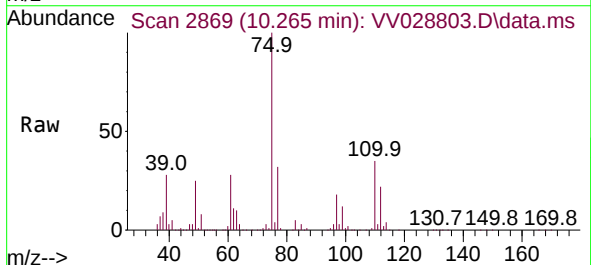
Instrument :
MSVOA_V
ClientSampleId :
VSTD050366

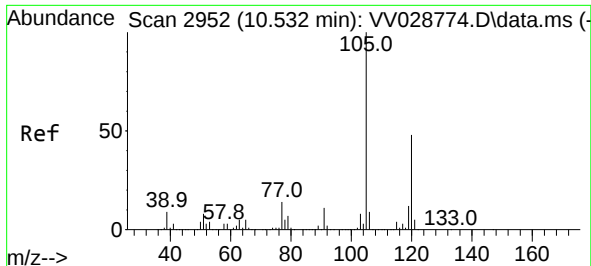
Tgt Ion:105 Resp: 743808
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7
77 17.2 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 48.097 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

Tgt Ion: 75 Resp: 225304
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
110 35.5 28.2 42.2

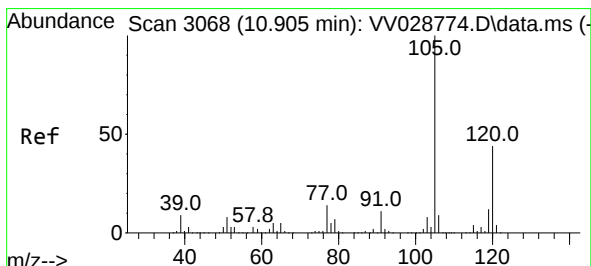
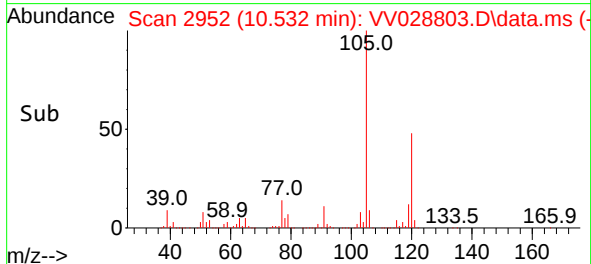
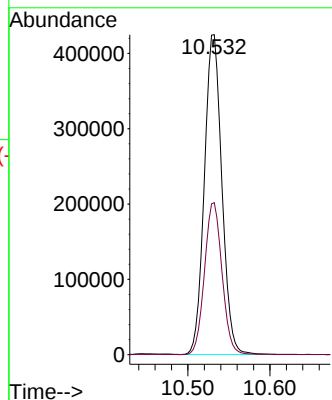
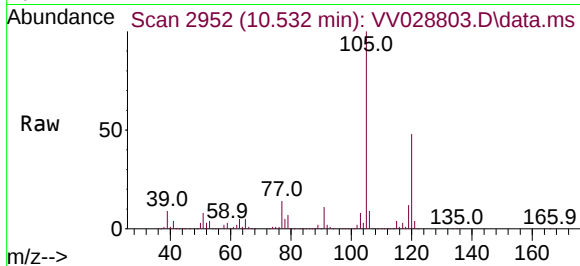




#62
 1,3,5-Trimethylbenzene
 Concen: 50.368 ug/L
 RT: 10.532 min Scan# 2952
 Delta R.T. 0.000 min
 Lab File: VV028803.D
 Acq: 01 Nov 2022 09:55

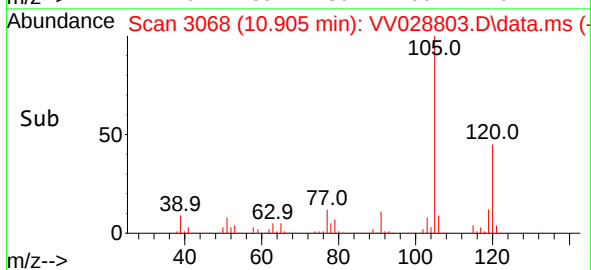
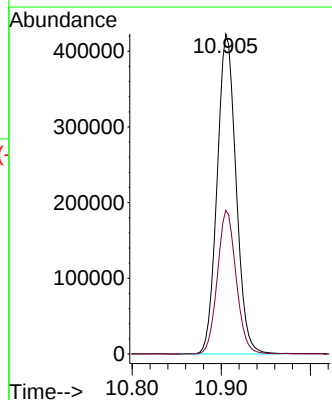
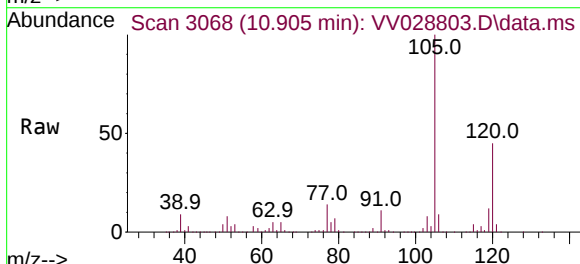
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050366

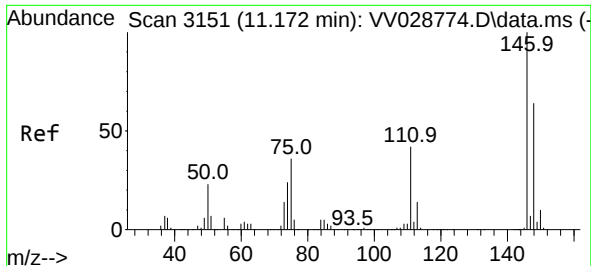
Tgt Ion:105 Resp: 629889
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.5 57.7



#63
 1,2,4-Trimethylbenzene
 Concen: 50.140 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. 0.000 min
 Lab File: VV028803.D
 Acq: 01 Nov 2022 09:55

Tgt Ion:105 Resp: 623797
 Ion Ratio Lower Upper
 105 100
 120 44.4 35.4 53.0

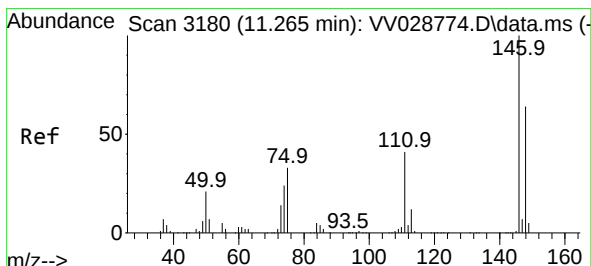
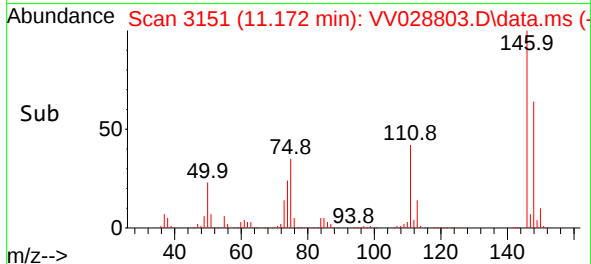
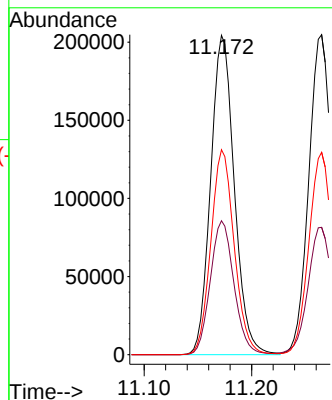
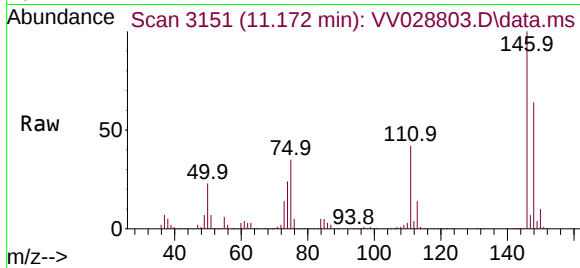




#64
1,3-Dichlorobenzene
Concen: 49.420 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

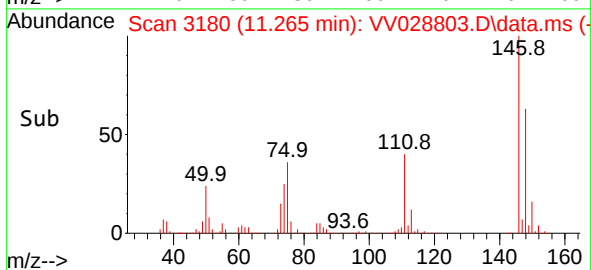
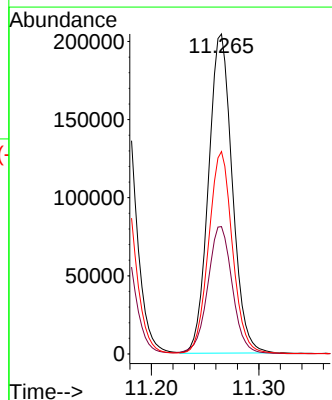
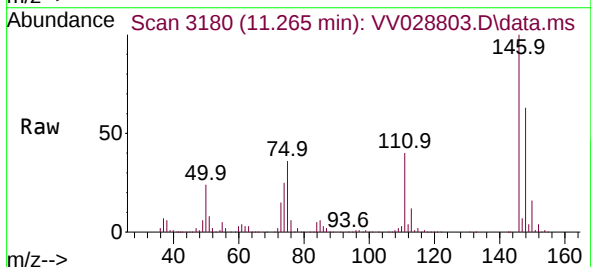
Instrument :
MSVOA_V
ClientSampleId :
VSTD050366

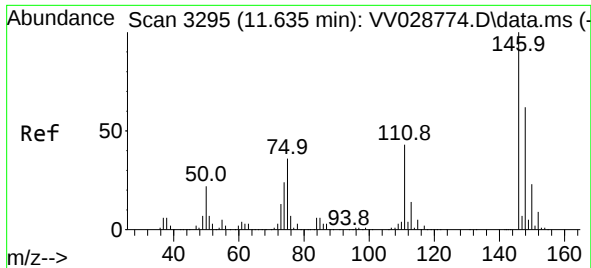
Tgt Ion:146 Resp: 312295
Ion Ratio Lower Upper
146 100
111 42.0 29.6 55.0
148 64.2 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 48.770 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028803.D
Acq: 01 Nov 2022 09:55

Tgt Ion:146 Resp: 314016
Ion Ratio Lower Upper
146 100
111 39.8 28.7 53.3
148 63.3 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 49.792 ug/L

RT: 11.635 min Scan# 3295

Delta R.T. 0.000 min

Lab File: VV028803.D

Acq: 01 Nov 2022 09:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD050366

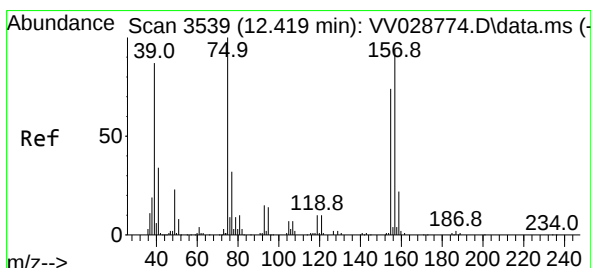
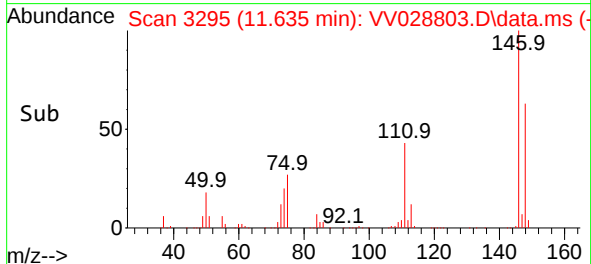
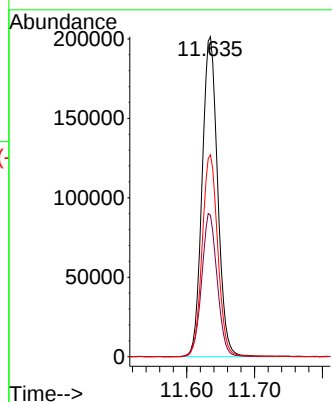
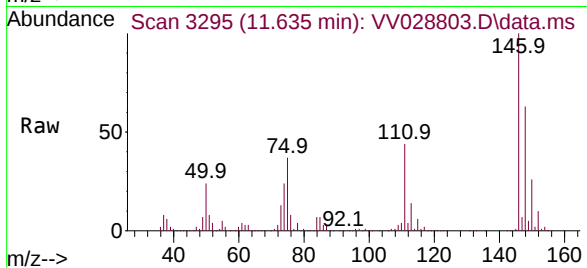
Tgt Ion:146 Resp: 320084

Ion Ratio Lower Upper

146 100

111 44.2 34.2 51.2

148 63.1 49.5 74.3



#68

1,2-Dibromo-3-chloropropane

Concen: 47.182 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. -0.003 min

Lab File: VV028803.D

Acq: 01 Nov 2022 09:55

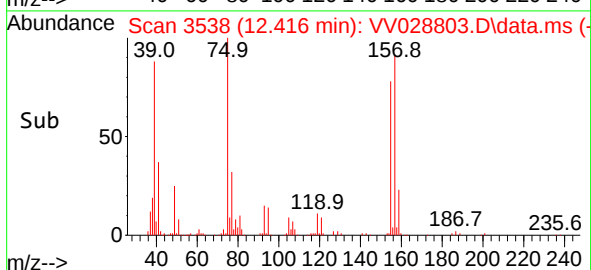
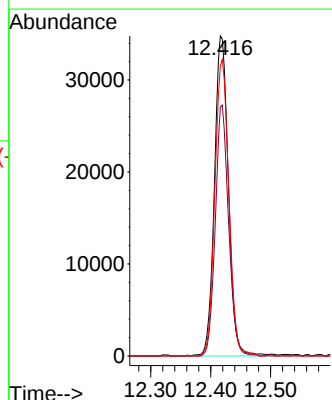
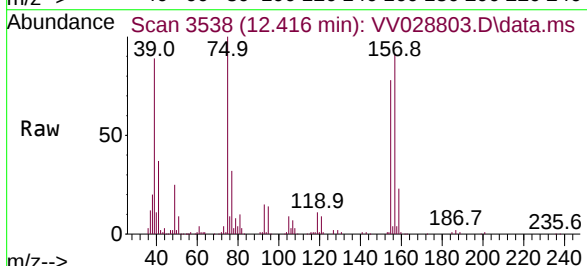
Tgt Ion: 75 Resp: 56307

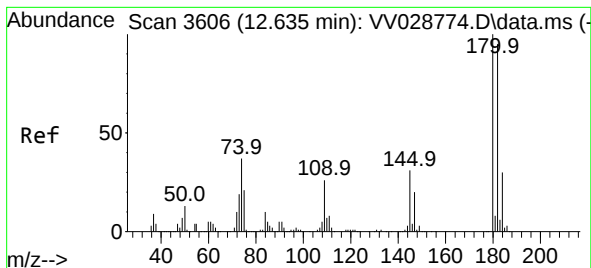
Ion Ratio Lower Upper

75 100

155 77.7 59.4 89.0

157 90.7 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 48.328 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. 0.000 min

Lab File: VV028803.D

Acq: 01 Nov 2022 09:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD050366

Tgt Ion:180 Resp: 218999

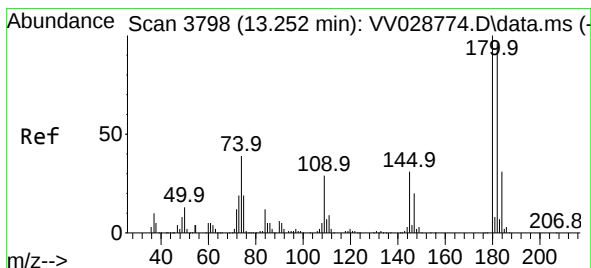
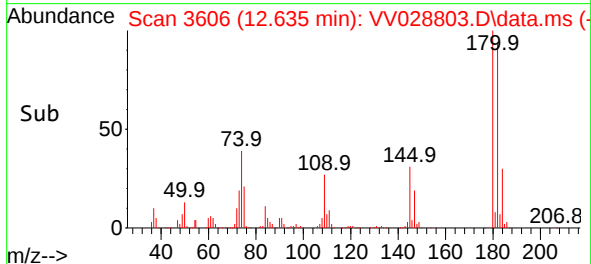
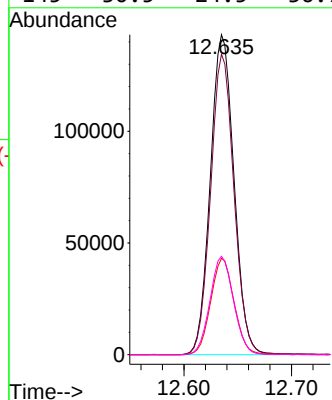
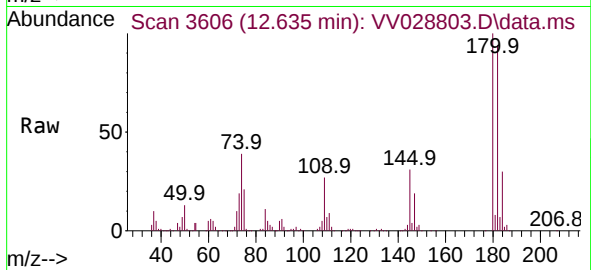
Ion Ratio Lower Upper

180 100

182 92.5 75.6 113.4

184 29.8 23.9 35.9

145 30.5 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 48.310 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. 0.003 min

Lab File: VV028803.D

Acq: 01 Nov 2022 09:55

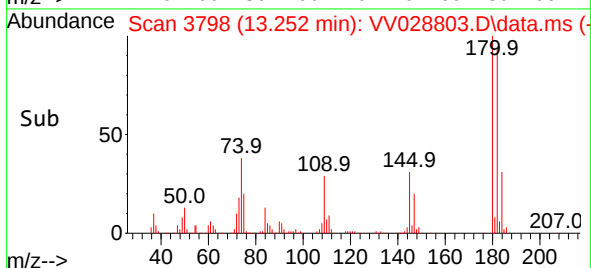
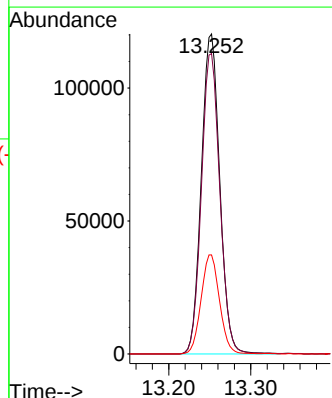
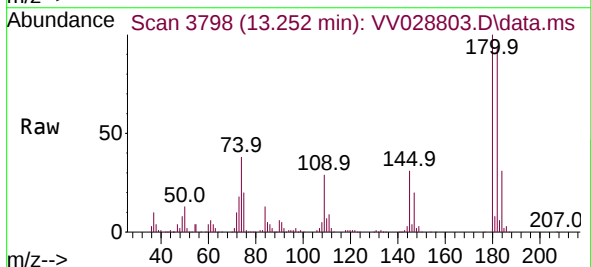
Tgt Ion:180 Resp: 187338

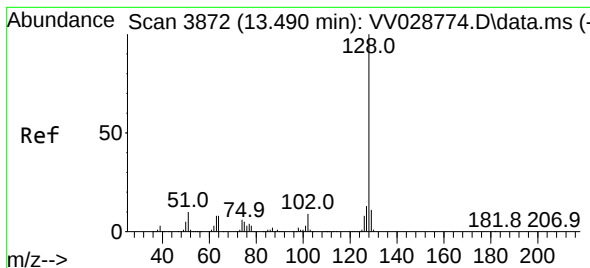
Ion Ratio Lower Upper

180 100

182 94.1 76.6 115.0

145 31.0 25.1 37.7





#71

Naphthalene

Concen: 46.199 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. 0.000 min

Lab File: VV028803.D

Acq: 01 Nov 2022 09:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD050366

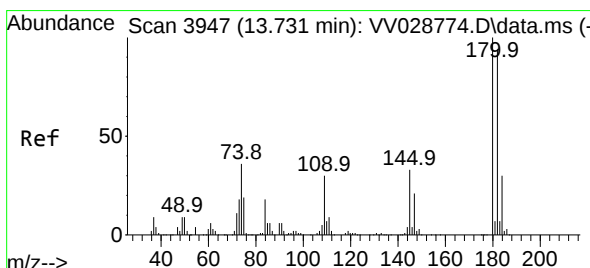
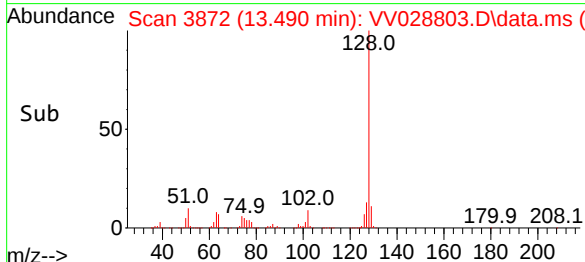
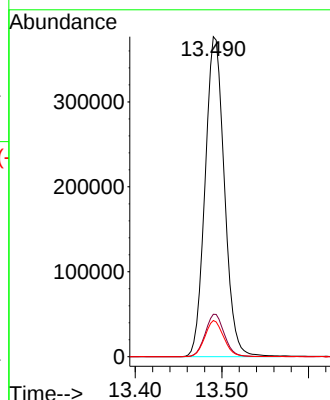
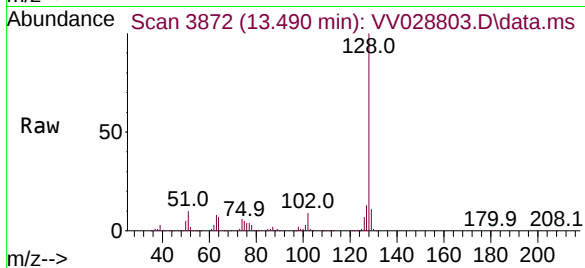
Tgt Ion:128 Resp: 583302

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 49.274 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. -0.003 min

Lab File: VV028803.D

Acq: 01 Nov 2022 09:55

Tgt Ion:180 Resp: 193404

Ion Ratio Lower Upper

180 100

182 93.6 75.5 113.3

145 33.0 26.2 39.4

