

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110922\
 Data File : VV028858.D
 Acq On : 09 Nov 2022 14:43
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050373

Quant Time: Nov 10 00:45:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 10 00:43:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	391337	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	371969	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	202319	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	184335	49.689	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.380%
7) Chloroethane-d5	1.561	69	159185	50.195	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.105	63	366686	51.962	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.920%
21) 2-Butanone-d5	3.860	46	237253	87.856	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.860%
24) Chloroform-d	4.336	84	292215	52.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.460%
26) 1,2-Dichloroethane-d4	5.018	65	190408	51.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.920%
32) Benzene-d6	5.040	84	588853	50.711	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.420%
36) 1,2-Dichloropropane-d6	6.059	67	199506	50.044	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.080%
41) Toluene-d8	7.307	98	527192	51.644	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.280%
43) trans-1,3-Dichloroprop...	7.612	79	81000	52.902	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.800%
47) 2-Hexanone-d5	8.079	63	152247	84.508	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.510%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	260730	49.598	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	199791	50.028	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	142666	49.571	ug/L	99
3) Chloromethane	1.240	50	220669	46.071	ug/L	99
5) Vinyl chloride	1.310	62	221084	50.250	ug/L	99
6) Bromomethane	1.516	94	115587	47.614	ug/L	97
8) Chloroethane	1.580	64	141705	50.156	ug/L	100
9) Trichlorofluoromethane	1.748	101	280594	53.628	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	164271	55.413	ug/L	100
12) 1,1-Dichloroethene	2.114	96	155483	53.270	ug/L	92
13) Acetone	2.153	43	226846	86.759	ug/L	98
14) Carbon disulfide	2.288	76	435188	53.452	ug/L	99
15) Methyl Acetate	2.420	43	199144	45.380	ug/L	98
16) Methylene chloride	2.500	84	174424	49.253	ug/L	96
17) trans-1,2-Dichloroethene	2.751	96	147313	52.178	ug/L	99
18) Methyl tert-butyl Ether	2.757	73	503744	51.651	ug/L	99
19) 1,1-Dichloroethane	3.178	63	315428	51.276	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	164205	52.713	ug/L #	97
22) 2-Butanone	3.941	43	278950	86.842	ug/L	95
23) Bromochloromethane	4.233	128	79703	53.756	ug/L	95
25) Chloroform	4.362	83	302124	52.870	ug/L	98

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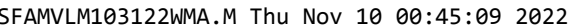
Instrument :
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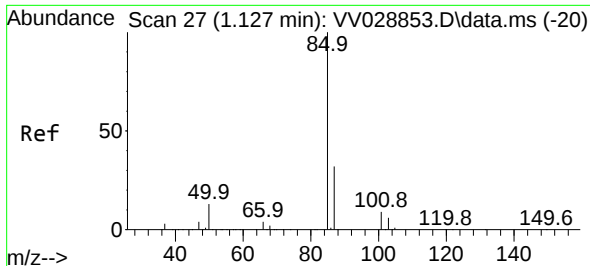
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	246155	52.747	ug/L	98
29) Cyclohexane	4.667	56	295000	49.703	ug/L	99
30) 1,1,1-Trichloroethane	4.596	97	250487	53.424	ug/L	99
31) Carbon tetrachloride	4.818	117	204988	54.720	ug/L	99
33) Benzene	5.088	78	679682	51.902	ug/L	100
34) Trichloroethene	5.905	95	160661	52.462	ug/L	99
35) Methylcyclohexane	6.120	83	282467	52.005	ug/L	98
37) 1,2-Dichloropropane	6.162	63	187499	51.749	ug/L	100
38) Bromodichloromethane	6.500	83	228854	55.598	ug/L	98
39) cis-1,3-Dichloropropene	7.018	75	274996	55.575	ug/L	99
40) 4-Methyl-2-pentanone	7.214	43	543354	90.172	ug/L	98
42) Toluene	7.378	91	700589	52.470	ug/L	98
44) trans-1,3-Dichloropropene	7.641	75	251926	55.057	ug/L	98
45) 1,1,2-Trichloroethane	7.828	97	160753	51.716	ug/L	99
46) Tetrachloroethene	7.966	164	114084	53.751	ug/L	98
48) 2-Hexanone	8.130	43	403010	87.816	ug/L	99
49) Dibromochloromethane	8.236	129	165165	57.401	ug/L	99
50) 1,2-Dibromoethane	8.342	107	163328	52.149	ug/L	99
51) Chlorobenzene	8.873	112	431376	52.762	ug/L	99
52) Ethylbenzene	9.005	91	770288	53.627	ug/L	99
53) m,p-Xylene	9.130	106	282336	53.893	ug/L	99
54) o-Xylene	9.535	106	285265	54.542	ug/L	95
55) Styrene	9.551	104	500465	55.798	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	280444	51.118	ug/L	100
59) Bromoform	9.722	173	111843	55.690	ug/L	99
60) Isopropylbenzene	9.921	105	764140	49.707	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	218357	45.422	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	653889	50.950	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	652083	51.072	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	336774	51.930	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	343076	51.920	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	340342	51.588	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	54104	44.176	ug/L	96
69) 1,3,5-Trichlorobenzene	12.635	180	241276	51.882	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	199928	50.237	ug/L	99
71) Naphthalene	13.490	128	505707	39.028	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	195776	48.602	ug/L	99

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

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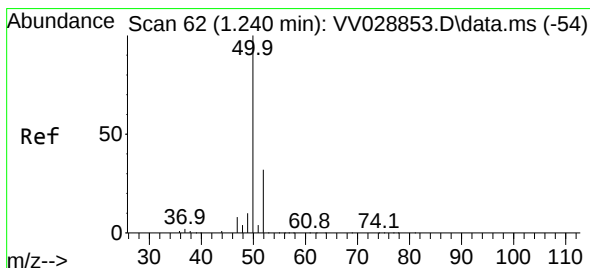
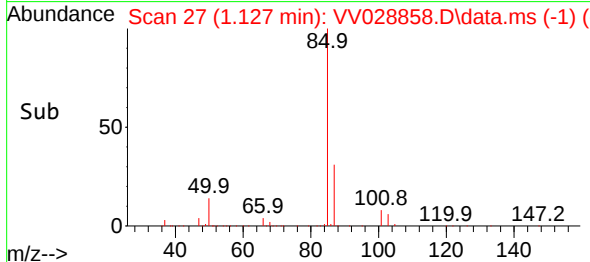
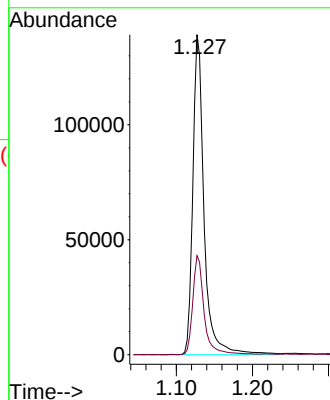
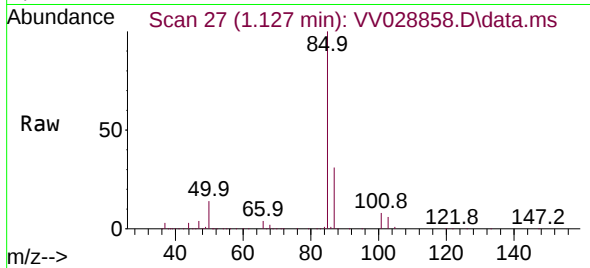




#2
 Dichlorodifluoromethane
 Concen: 49.571 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV028858.D
 Acq: 09 Nov 2022 14:43

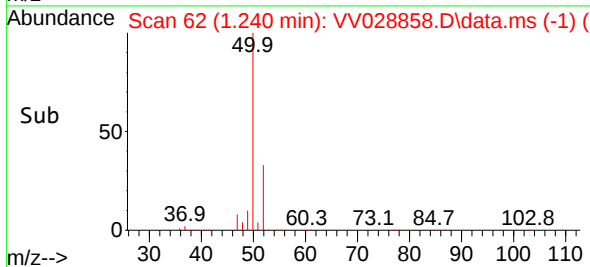
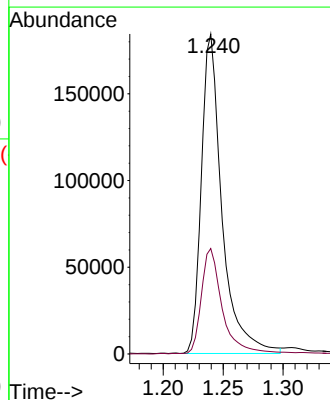
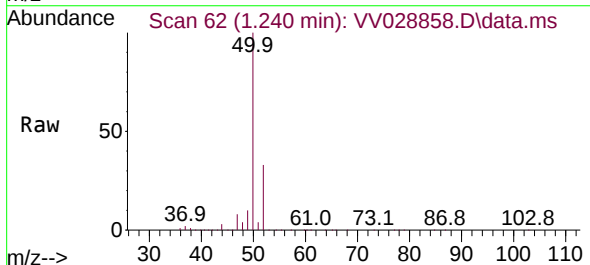
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050373

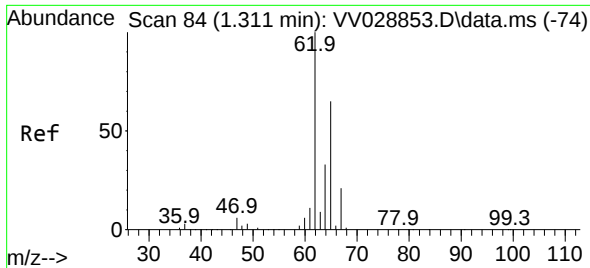
Tgt Ion: 85 Resp: 142666
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.4 38.0



#3
 Chloromethane
 Concen: 46.071 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV028858.D
 Acq: 09 Nov 2022 14:43

Tgt Ion: 50 Resp: 220669
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.7 42.1

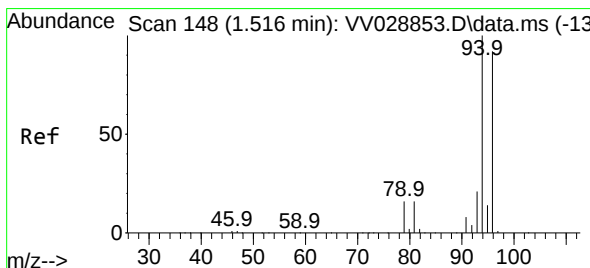
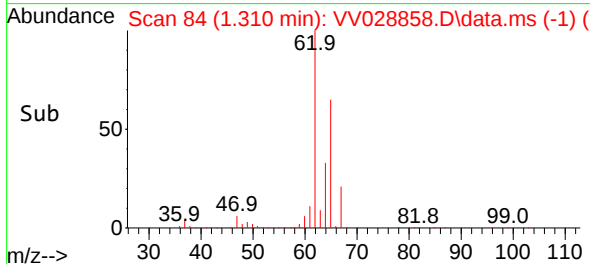
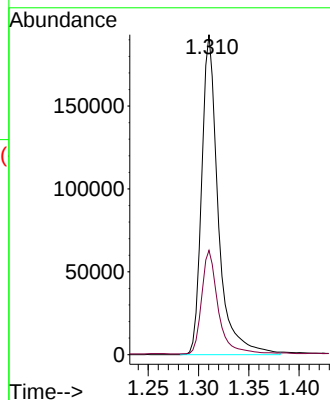
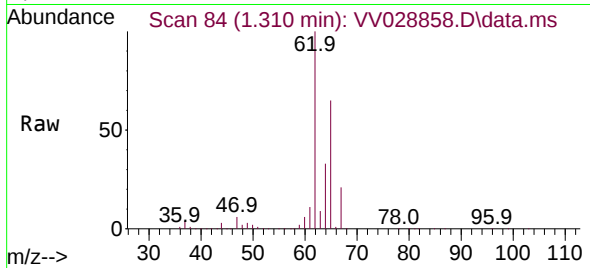




#5
 Vinyl chloride
 Concen: 50.250 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV028858.D
 Acq: 09 Nov 2022 14:43

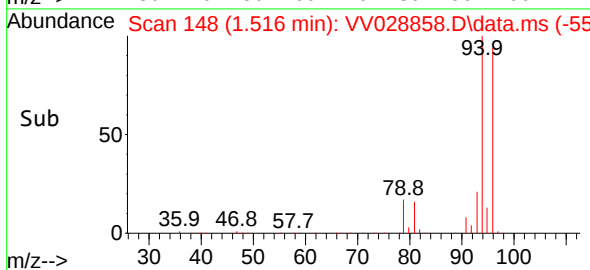
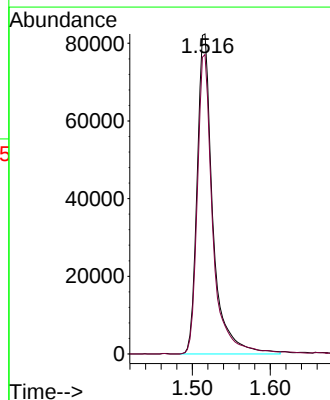
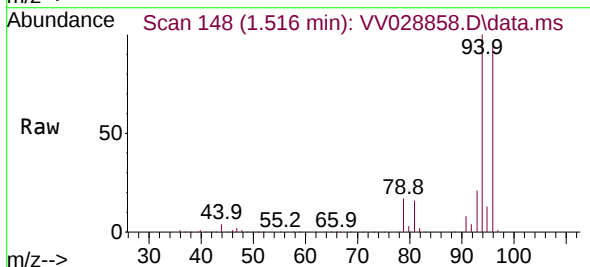
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 ClientSampleId :
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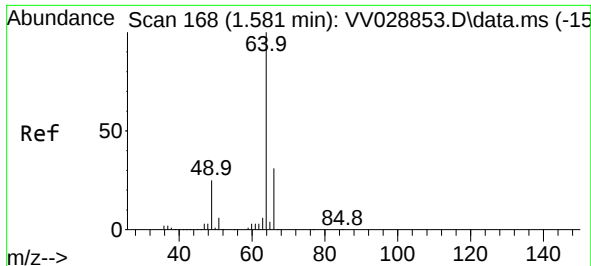
Tgt Ion: 62 Resp: 221084
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.0



#6
 Bromomethane
 Concen: 47.614 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV028858.D
 Acq: 09 Nov 2022 14:43

Tgt Ion: 94 Resp: 115587
 Ion Ratio Lower Upper
 94 100
 96 93.6 67.6 125.6

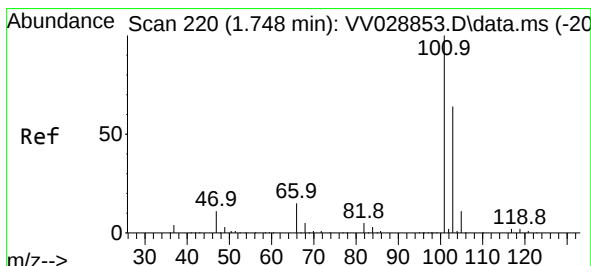
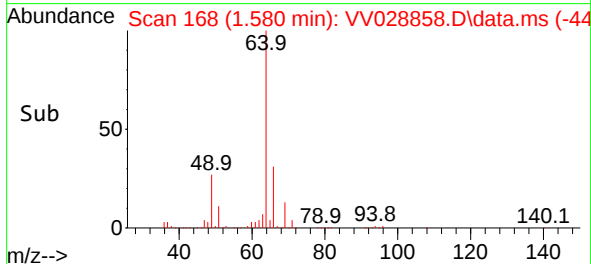
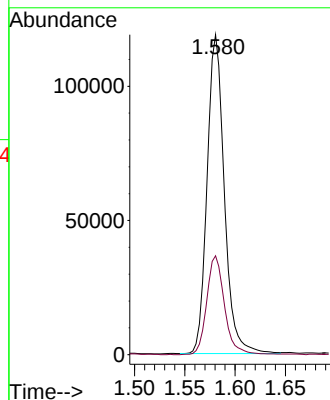
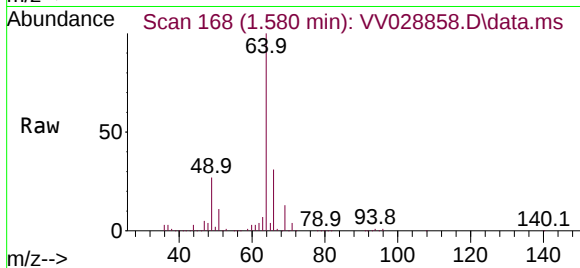




#8
Chloroethane
Concen: 50.156 ug/L
RT: 1.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

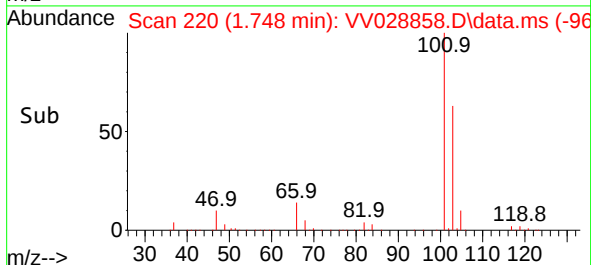
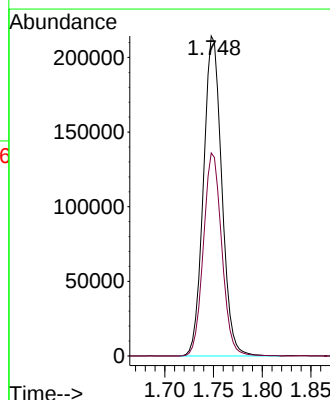
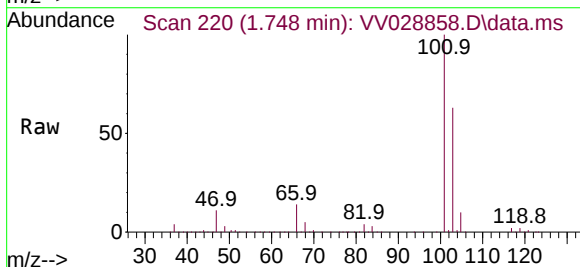
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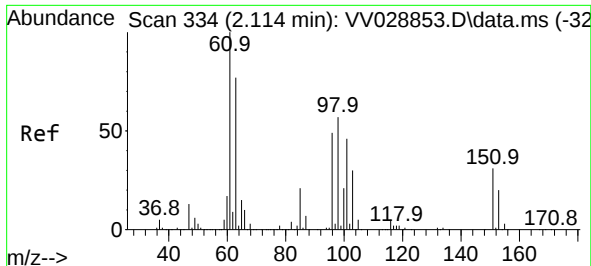
Tgt Ion: 64 Resp: 141705
Ion Ratio Lower Upper
64 100
66 30.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 53.628 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

Tgt Ion:101 Resp: 280594
Ion Ratio Lower Upper
101 100
103 63.5 51.6 77.4





#10

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

Concen: 55.413 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV028858.D

Acq: 09 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD050373

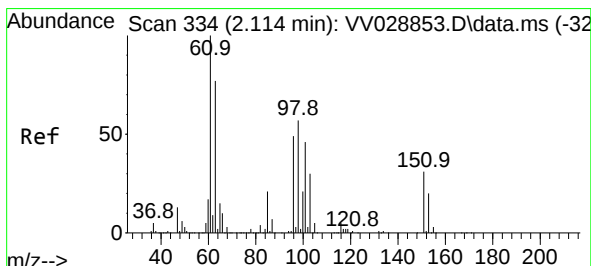
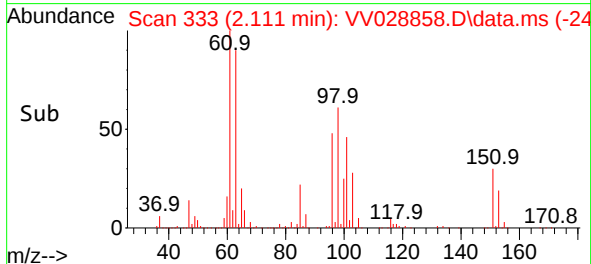
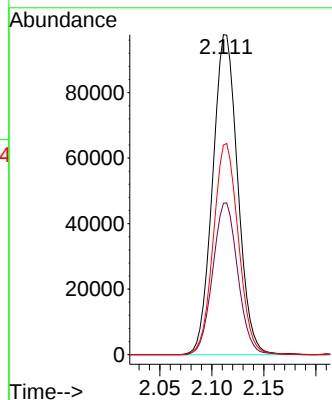
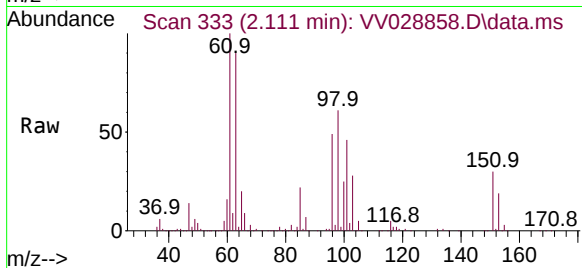
Tgt Ion:101 Resp: 164271

Ion Ratio Lower Upper

101 100

85 47.4 38.0 57.0

151 65.9 52.7 79.1



#12

1,1-Dichloroethene

Concen: 53.270 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV028858.D

Acq: 09 Nov 2022 14:43

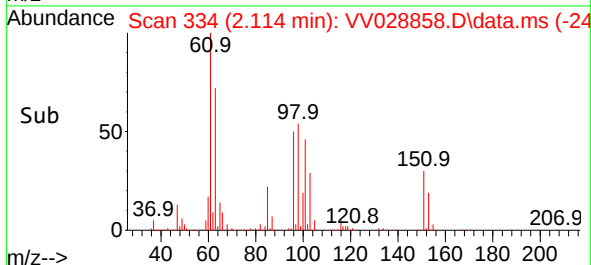
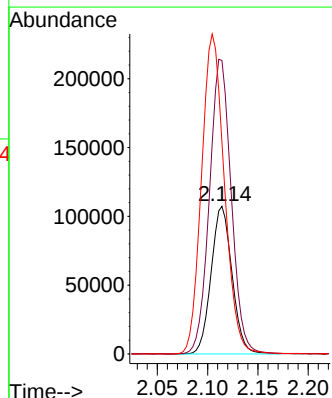
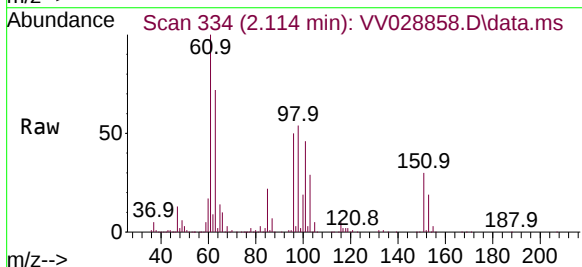
Tgt Ion: 96 Resp: 155483

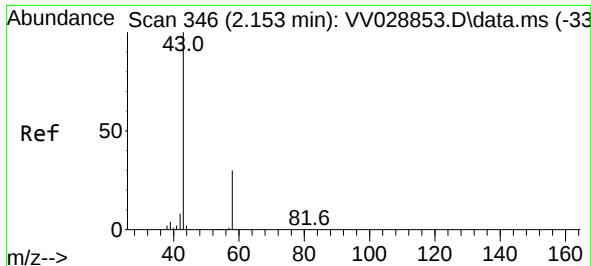
Ion Ratio Lower Upper

96 100

61 198.6 142.7 265.1

63 143.0 112.5 208.9





#13

Acetone

Concen: 86.759 ug/L

RT: 2.153 min Scan# 346

Delta R.T. -0.000 min

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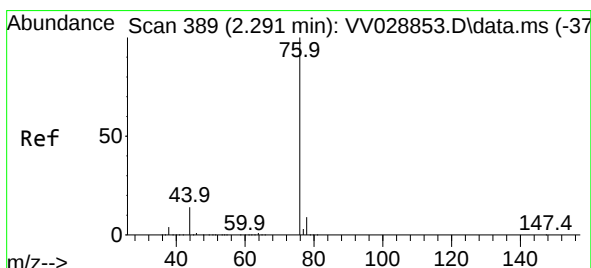
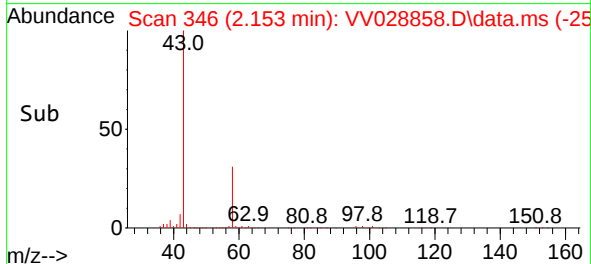
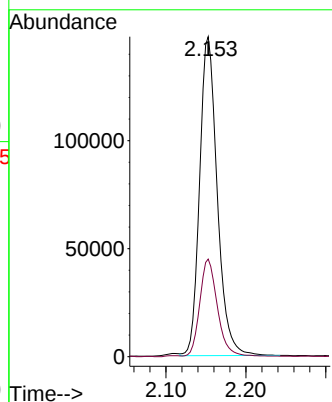
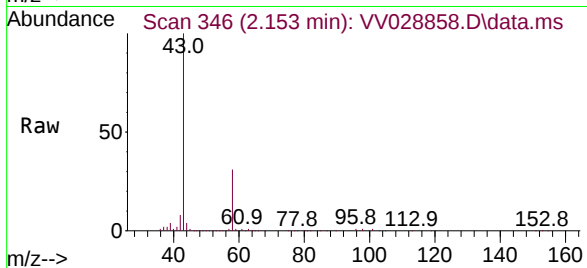
VSTD050373

Tgt Ion: 43 Resp: 226846

Ion Ratio Lower Upper

43 100

58 30.5 0.0 59.0



#14

Carbon disulfide

Concen: 53.452 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.003 min

Lab File: VV028858.D

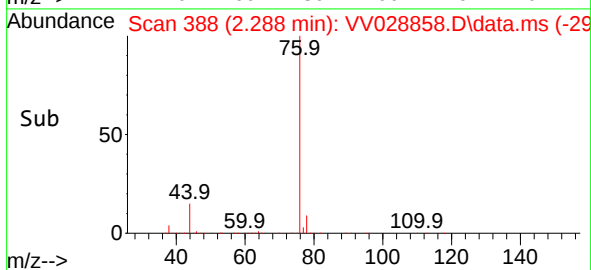
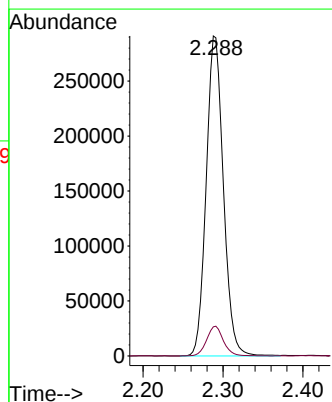
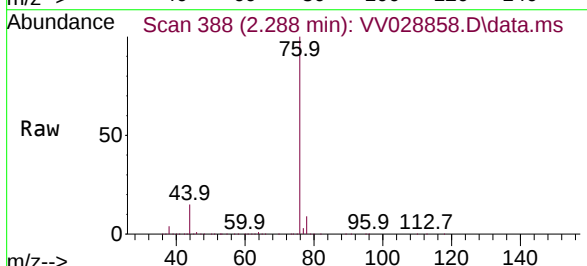
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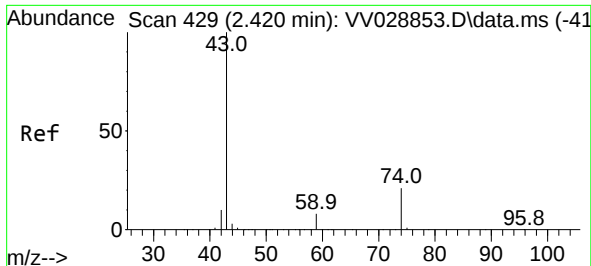
Tgt Ion: 76 Resp: 435188

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

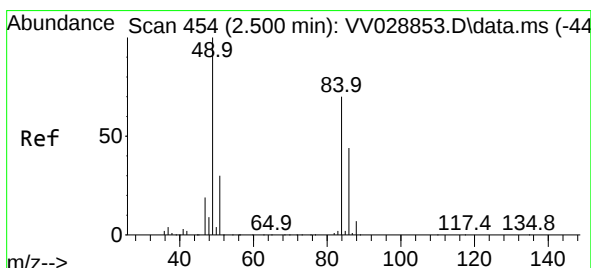
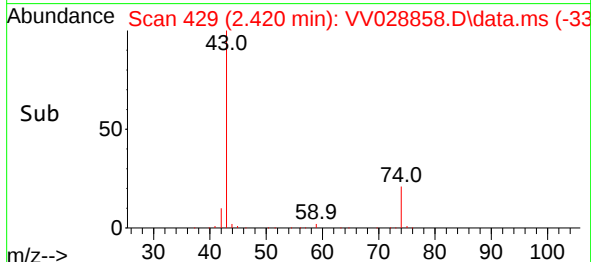
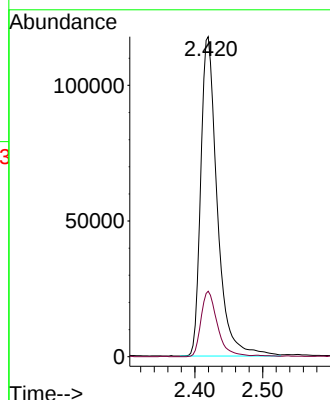
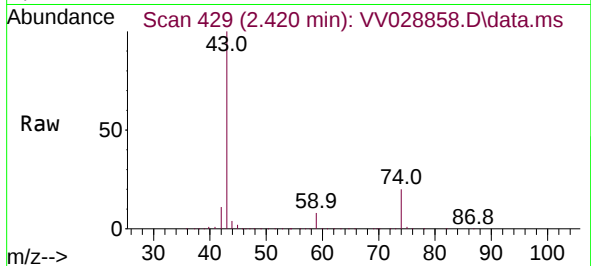




#15
Methyl Acetate
Concen: 45.380 ug/L
RT: 2.420 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

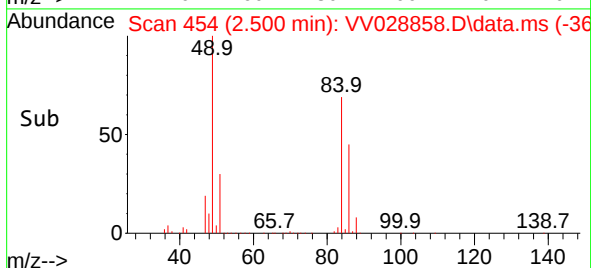
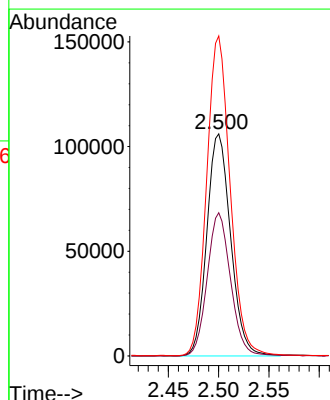
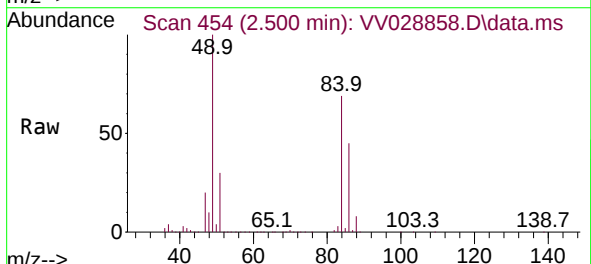
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

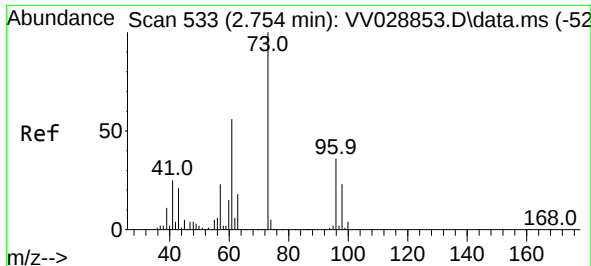
Tgt Ion: 43 Resp: 199144
Ion Ratio Lower Upper
43 100
74 20.4 15.6 23.4



#16
Methylene chloride
Concen: 49.253 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

Tgt Ion: 84 Resp: 174424
Ion Ratio Lower Upper
84 100
86 64.5 43.7 81.1
49 144.1 105.3 195.5

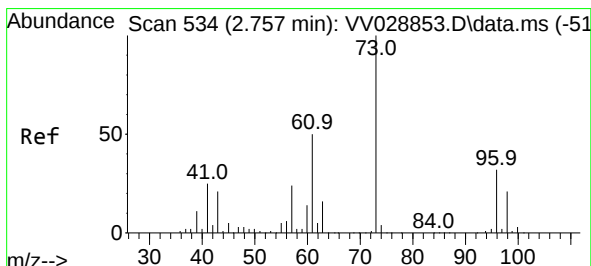
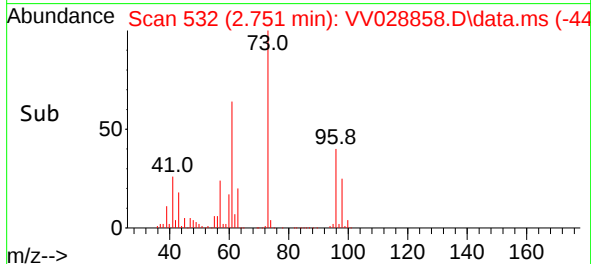
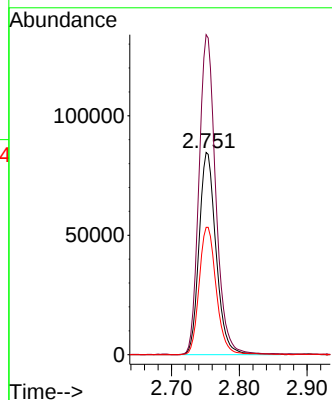
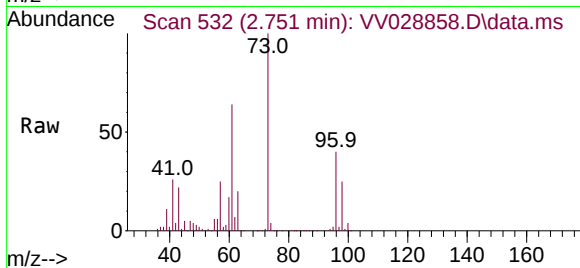




#17
trans-1,2-Dichloroethene
Concen: 52.178 ug/L
RT: 2.751 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

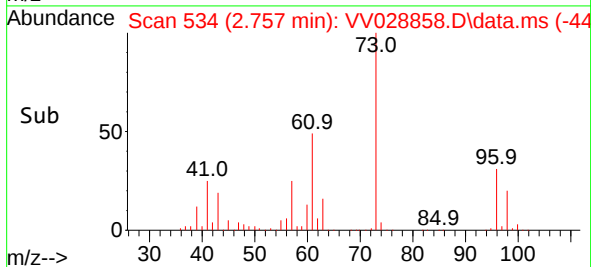
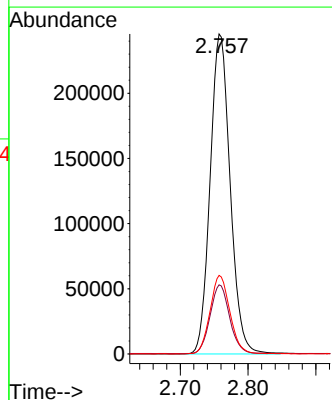
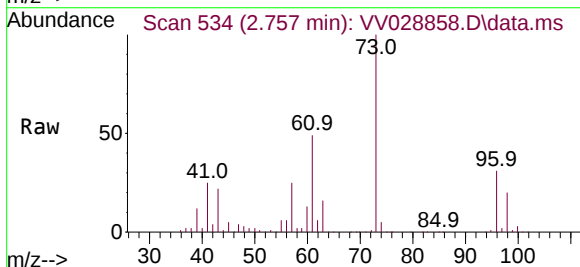
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

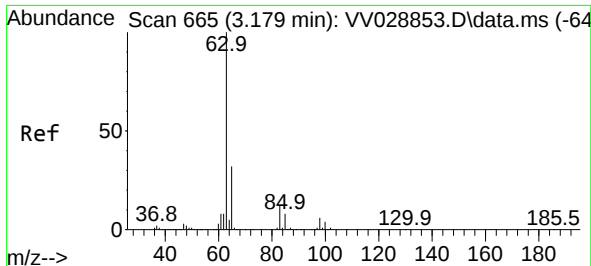
Tgt Ion: 96 Resp: 147313
Ion Ratio Lower Upper
96 100
61 158.3 109.4 203.2
98 63.0 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 51.651 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

Tgt Ion: 73 Resp: 503744
Ion Ratio Lower Upper
73 100
43 21.0 17.1 25.7
57 24.2 19.3 28.9





#19

1,1-Dichloroethane

Concen: 51.276 ug/L

RT: 3.178 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV028858.D

Acq: 09 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD050373

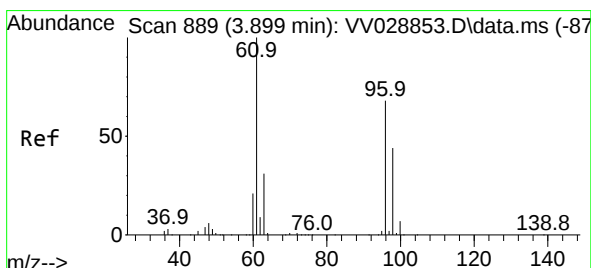
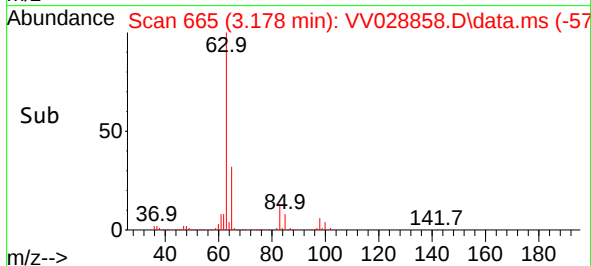
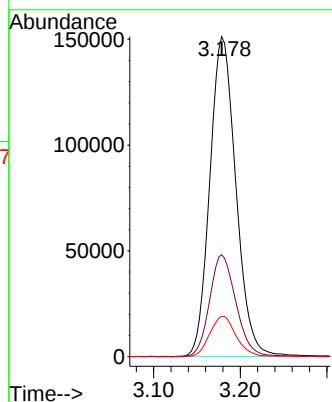
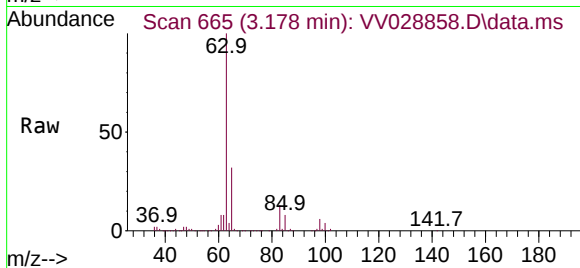
Tgt Ion: 63 Resp: 315428

Ion Ratio Lower Upper

63 100

65 31.9 22.5 41.9

83 12.6 8.5 15.9



#20

cis-1,2-Dichloroethene

Concen: 52.713 ug/L

RT: 3.899 min Scan# 889

Delta R.T. -0.000 min

Lab File: VV028858.D

Acq: 09 Nov 2022 14:43

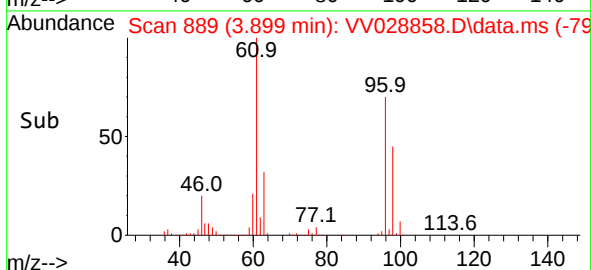
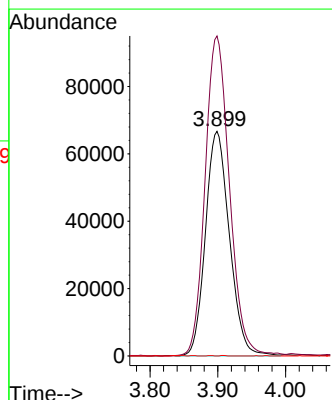
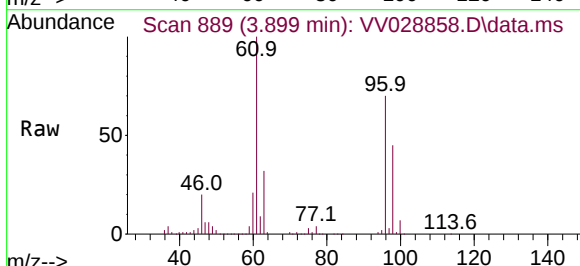
Tgt Ion: 96 Resp: 164205

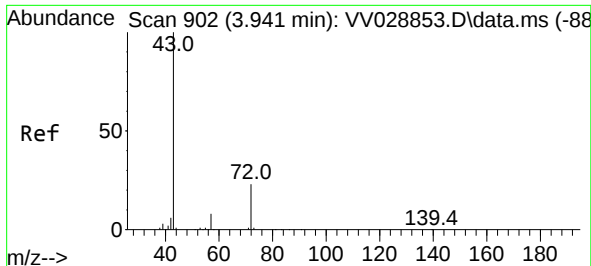
Ion Ratio Lower Upper

96 100

61 142.4 102.3 190.1

68 0.0 0.1 0.3#

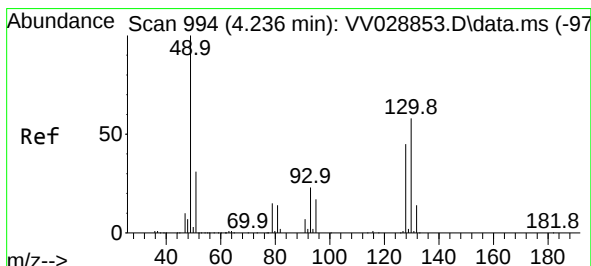
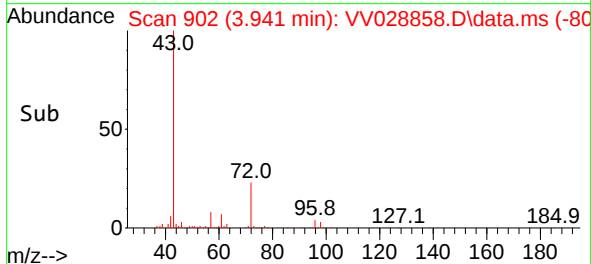
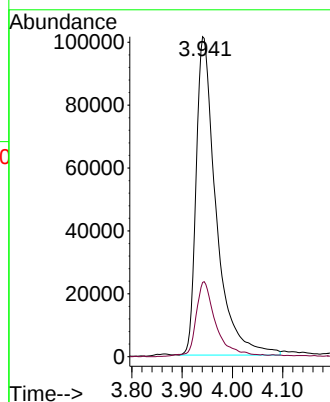
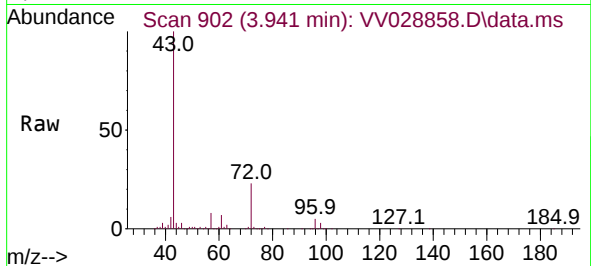




#22
2-Butanone
Concen: 86.842 ug/L
RT: 3.941 min Scan# 902
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

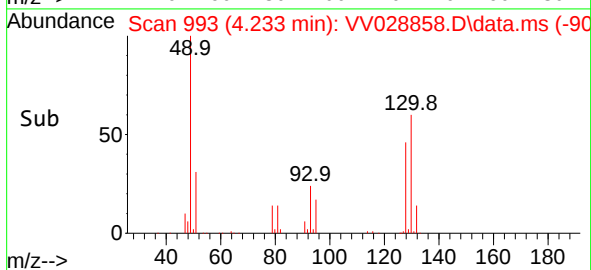
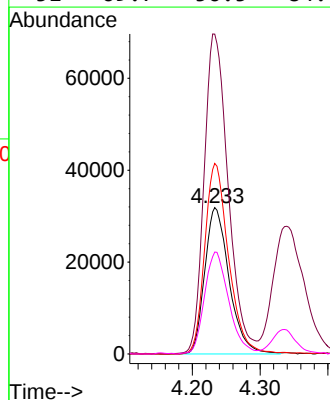
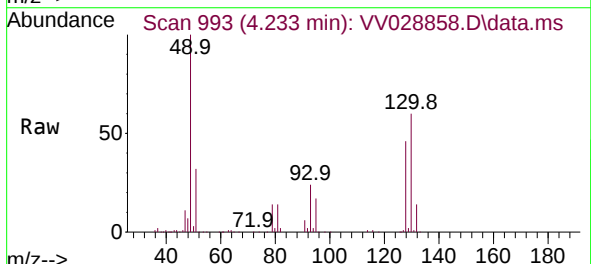
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

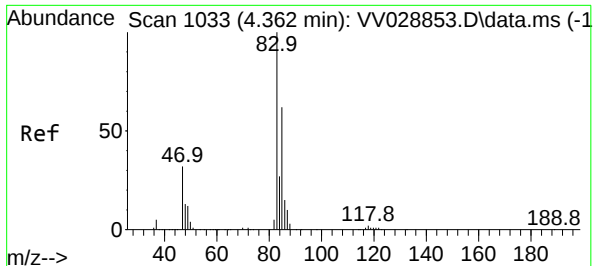
Tgt Ion: 43 Resp: 278950
Ion Ratio Lower Upper
43 100
72 22.5 10.0 30.0



#23
Bromochloromethane
Concen: 53.756 ug/L
RT: 4.233 min Scan# 993
Delta R.T. -0.003 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

Tgt Ion: 128 Resp: 79703
Ion Ratio Lower Upper
128 100
49 218.6 161.8 300.6
130 130.3 89.9 166.9
51 69.7 56.5 84.7

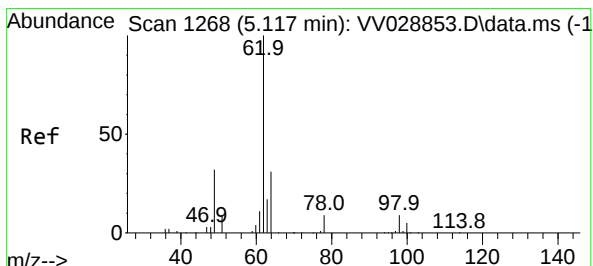
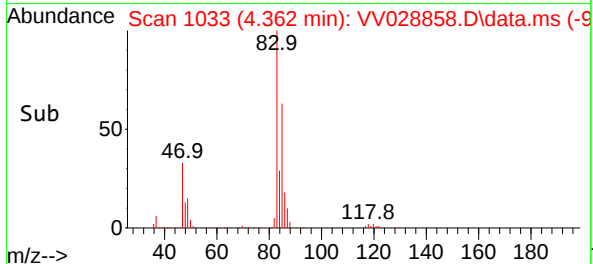
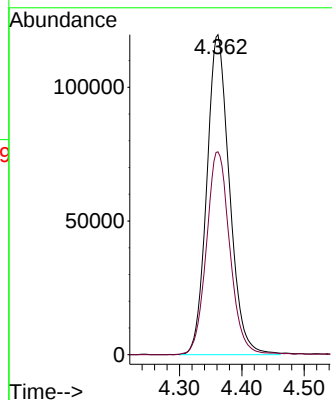
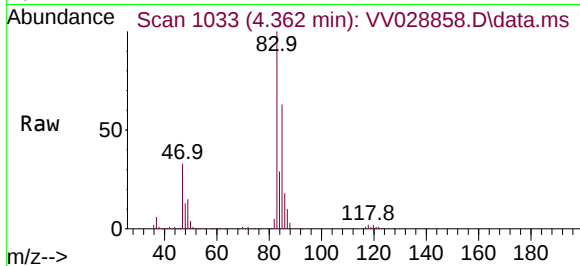




#25
Chloroform
Concen: 52.870 ug/L
RT: 4.362 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

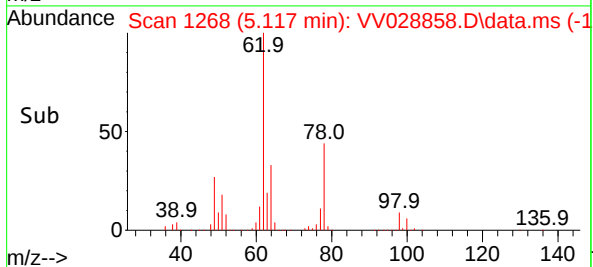
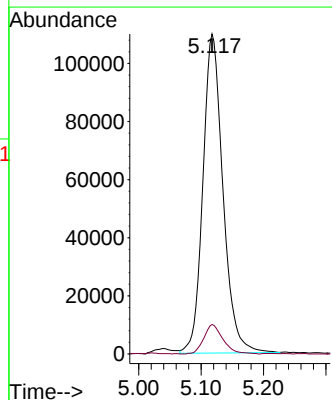
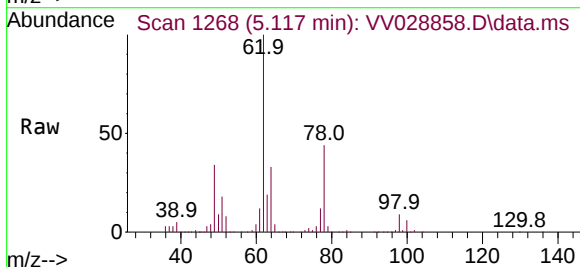
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

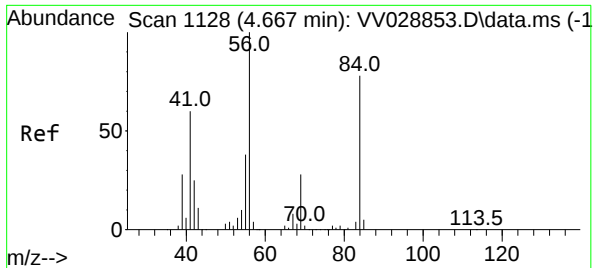
Tgt Ion: 83 Resp: 302124
Ion Ratio Lower Upper
83 100
85 63.4 45.3 84.1



#27
1,2-Dichloroethane
Concen: 52.747 ug/L
RT: 5.117 min Scan# 1268
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

Tgt Ion: 62 Resp: 246155
Ion Ratio Lower Upper
62 100
98 9.2 6.9 10.3

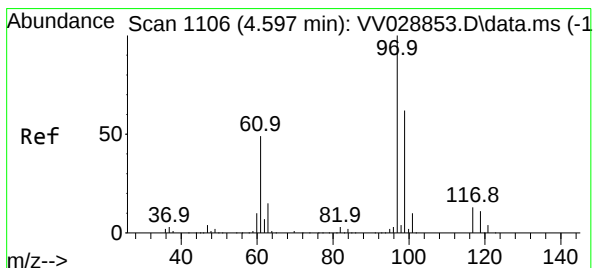
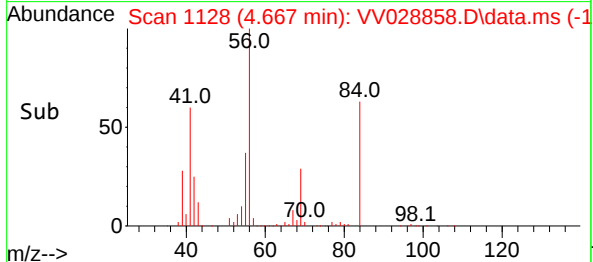
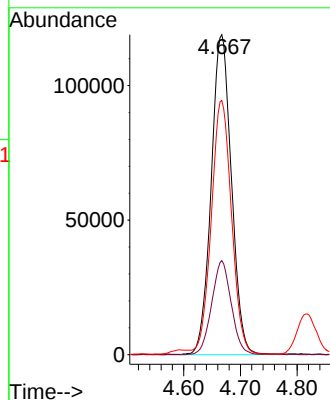
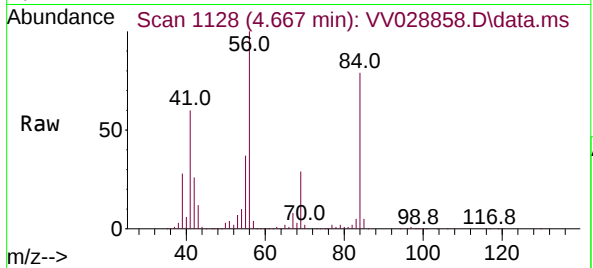




#29
Cyclohexane
Concen: 49.703 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

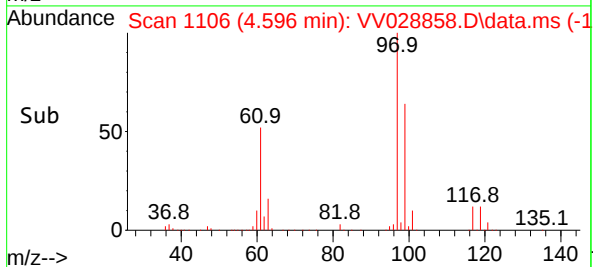
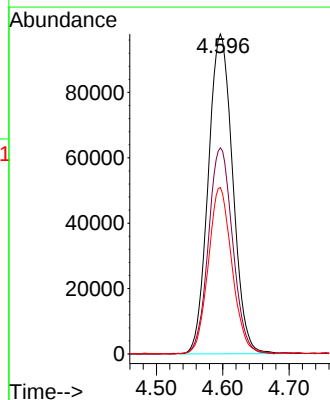
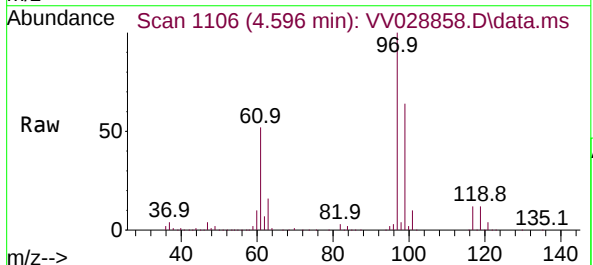
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

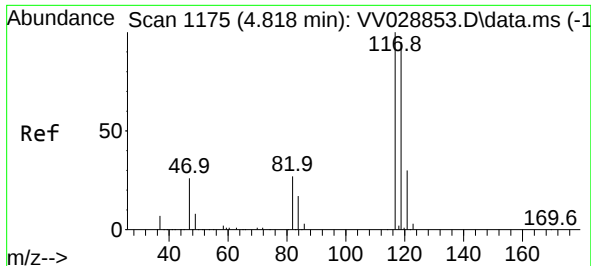
Tgt Ion: 56 Resp: 295000
Ion Ratio Lower Upper
56 100
69 28.4 22.2 33.2
84 79.1 62.3 93.5



#30
1,1,1-Trichloroethane
Concen: 53.424 ug/L
RT: 4.596 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

Tgt Ion: 97 Resp: 250487
Ion Ratio Lower Upper
97 100
99 63.7 50.2 75.4
61 50.2 40.2 60.4

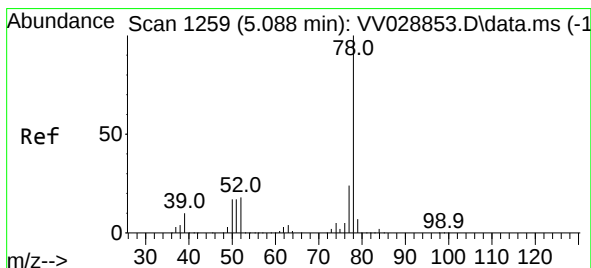
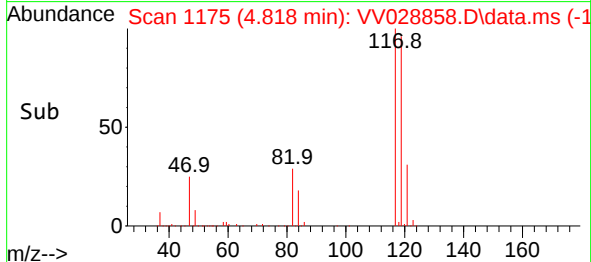
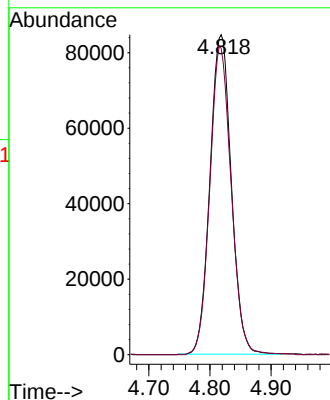
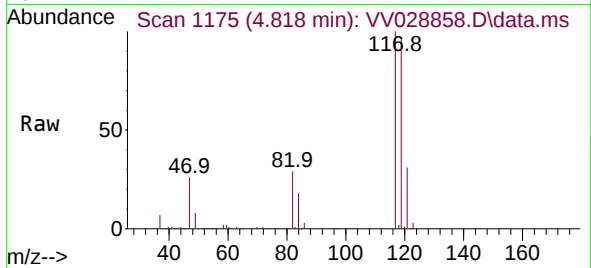




#31
Carbon tetrachloride
Concen: 54.720 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

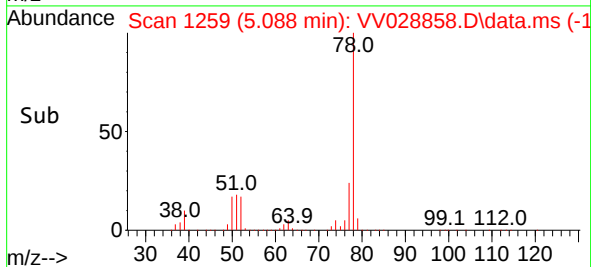
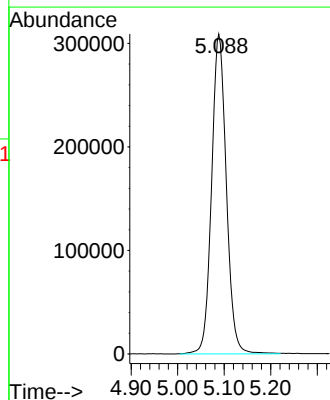
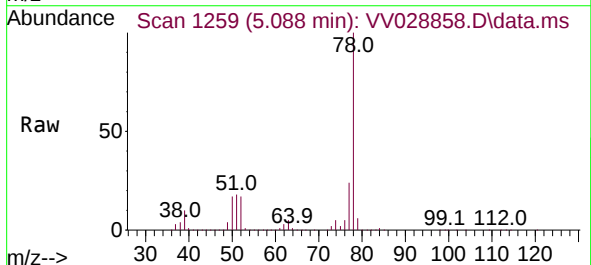
Instrument : MSVOA_V
ClientSampleId : VSTD050373

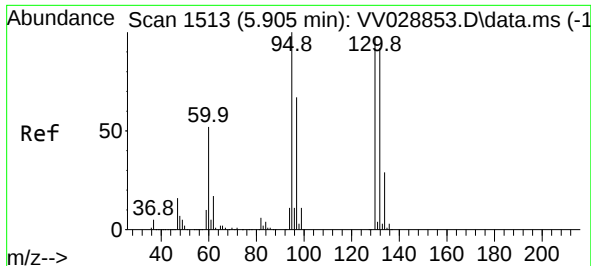
Tgt Ion:117 Resp: 204988
Ion Ratio Lower Upper
117 100
119 96.5 76.1 114.1



#33
Benzene
Concen: 51.902 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

Tgt Ion: 78 Resp: 679682

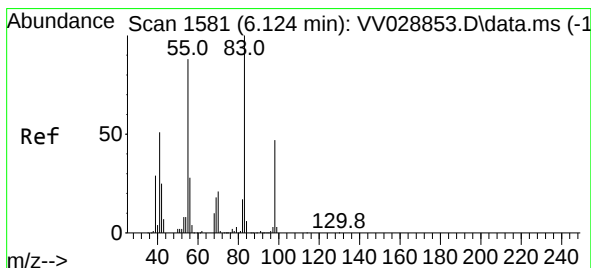
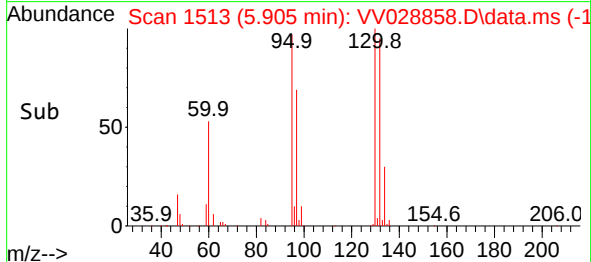
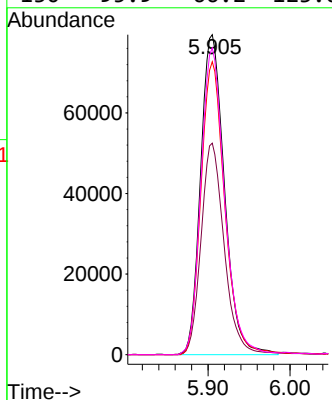
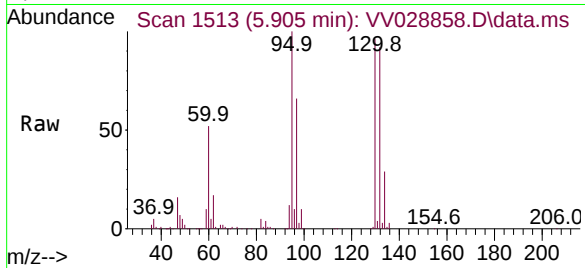




#34
Trichloroethene
Concen: 52.462 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

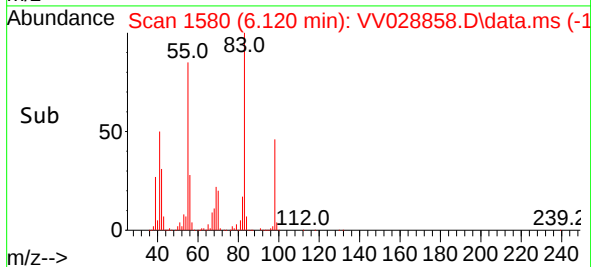
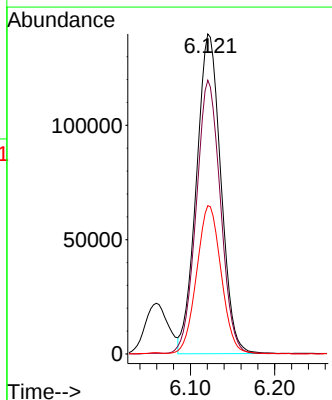
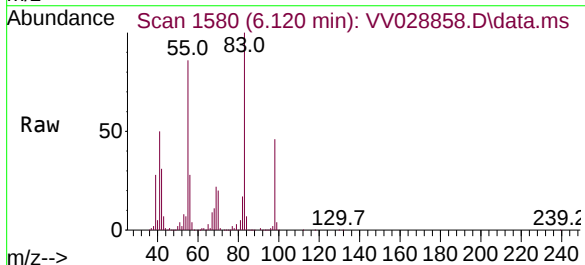
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

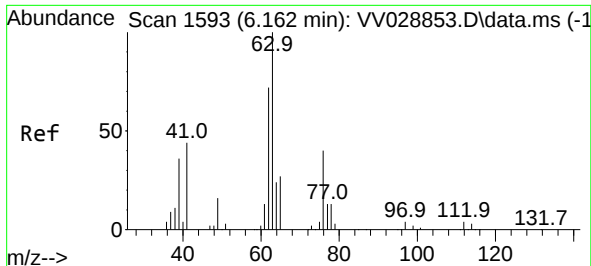
Tgt Ion: 95 Resp: 160661
Ion Ratio Lower Upper
95 100
97 66.1 46.2 85.8
132 91.5 63.2 117.4
130 95.9 66.2 123.0



#35
Methylcyclohexane
Concen: 52.005 ug/L
RT: 6.120 min Scan# 1580
Delta R.T. -0.003 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

Tgt Ion: 83 Resp: 282467
Ion Ratio Lower Upper
83 100
55 84.7 69.4 104.2
98 46.7 37.0 55.4





#37

1,2-Dichloropropane

Concen: 51.749 ug/L

RT: 6.162 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VV028858.D

Acq: 09 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

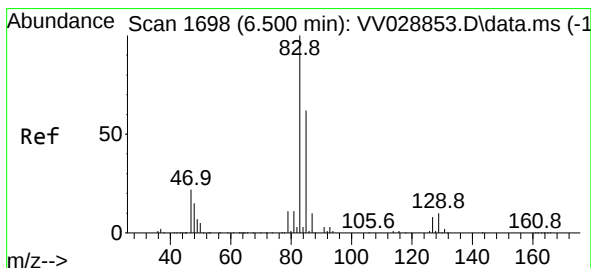
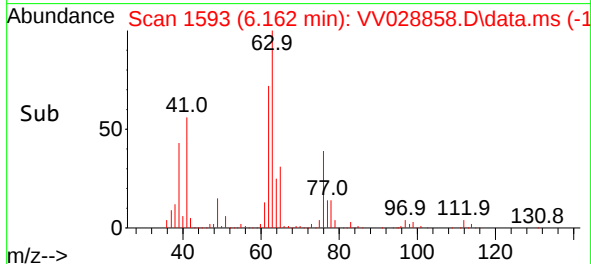
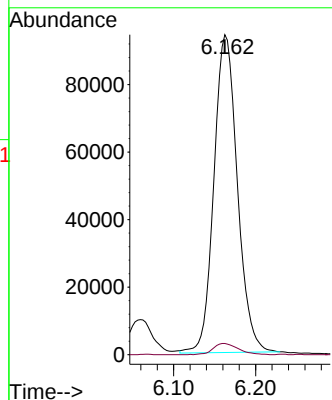
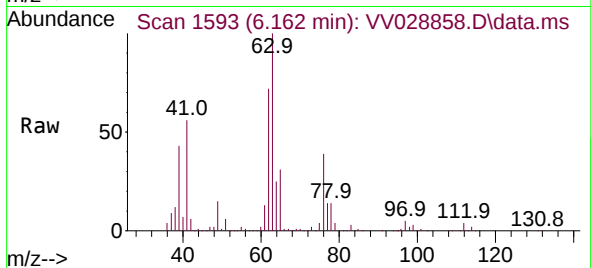
VSTD050373

Tgt Ion: 63 Resp: 187499

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.6



#38

Bromodichloromethane

Concen: 55.598 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VV028858.D

Acq: 09 Nov 2022 14:43

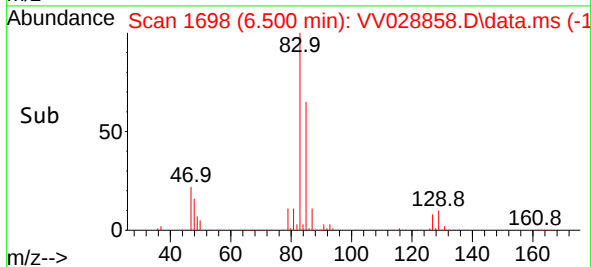
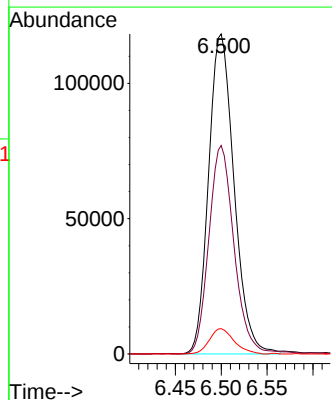
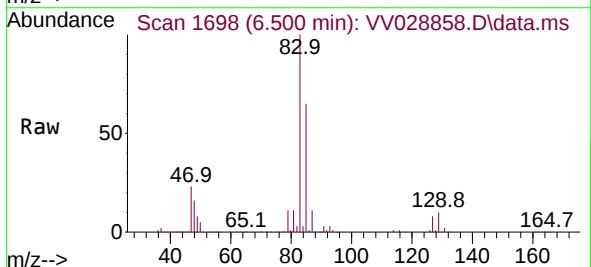
Tgt Ion: 83 Resp: 228854

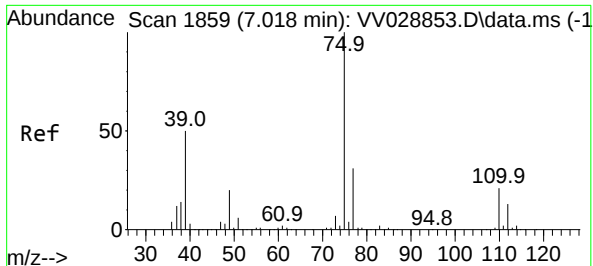
Ion Ratio Lower Upper

83 100

85 65.1 44.3 82.3

127 7.9 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 55.575 ug/L

RT: 7.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV028858.D

Acq: 09 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

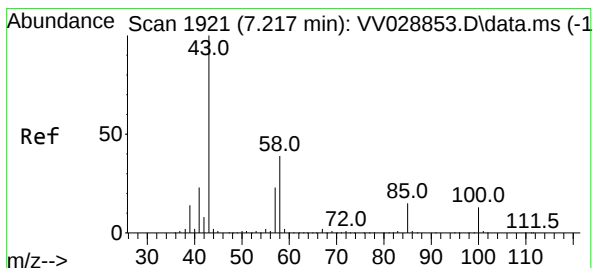
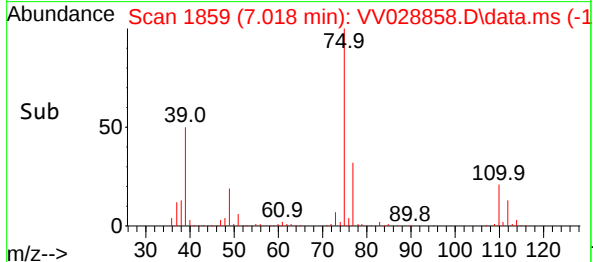
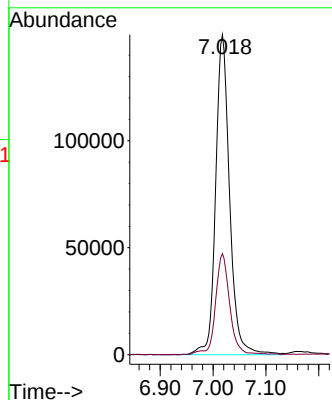
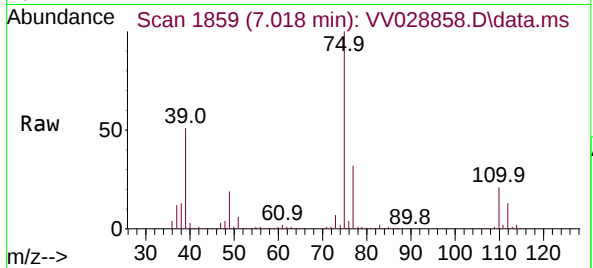
VSTD050373

Tgt Ion: 75 Resp: 274996

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 90.172 ug/L

RT: 7.214 min Scan# 1920

Delta R.T. -0.003 min

Lab File: VV028858.D

Acq: 09 Nov 2022 14:43

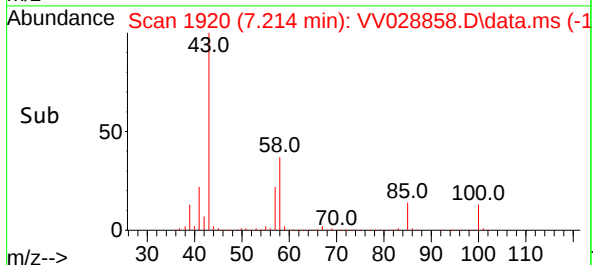
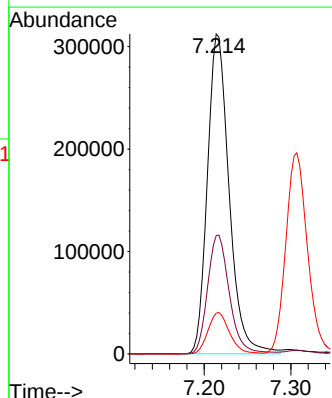
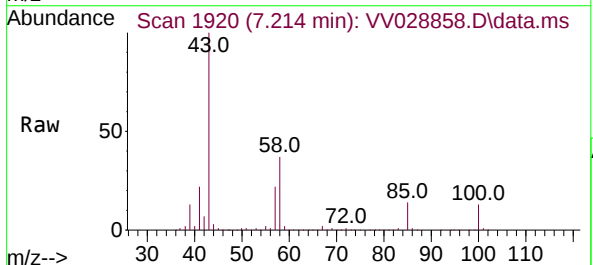
Tgt Ion: 43 Resp: 543354

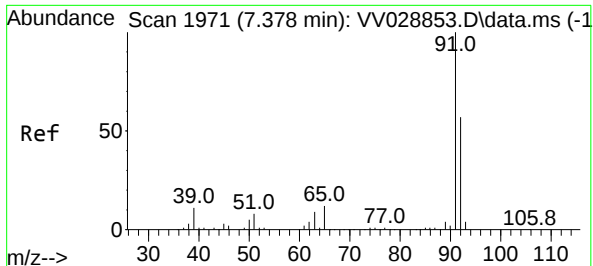
Ion Ratio Lower Upper

43 100

58 37.4 29.1 43.7

100 12.9 9.5 14.3

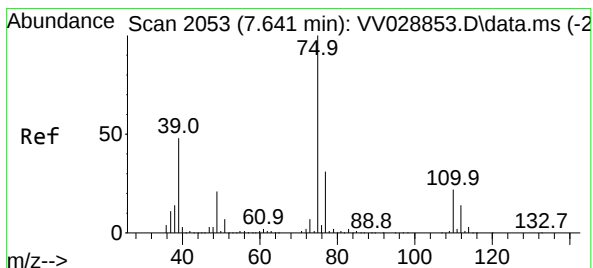
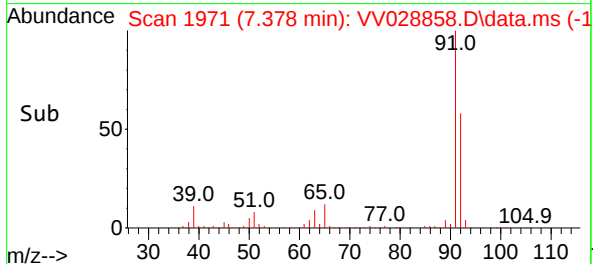
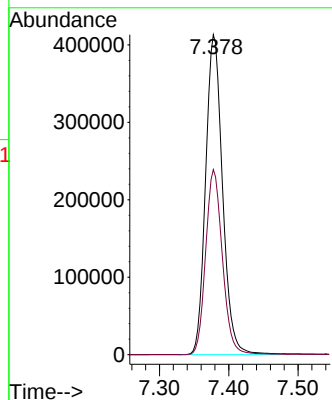
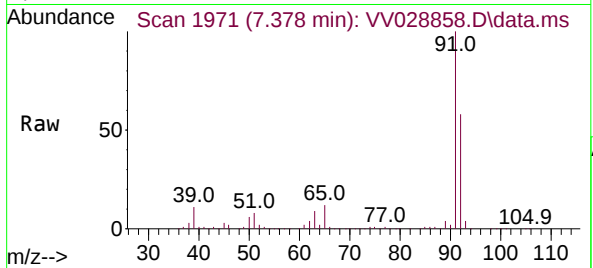




#42
Toluene
Concen: 52.470 ug/L
RT: 7.378 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

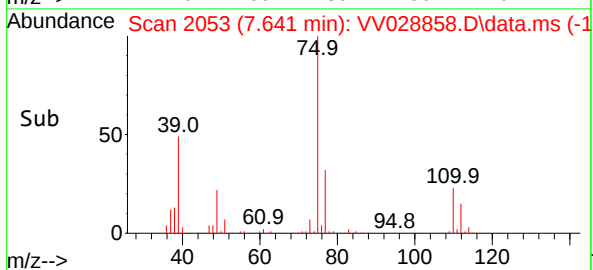
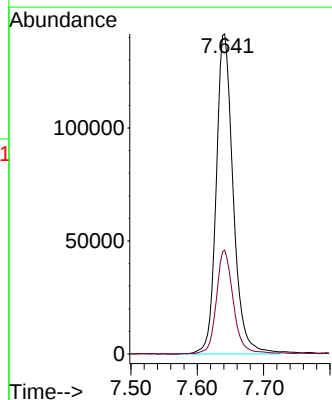
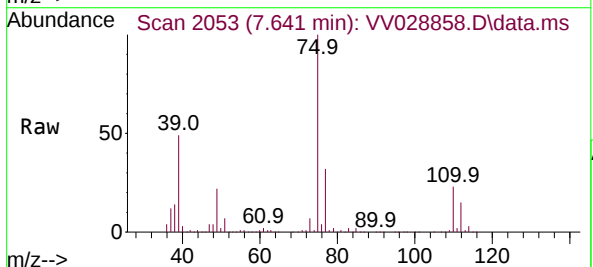
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

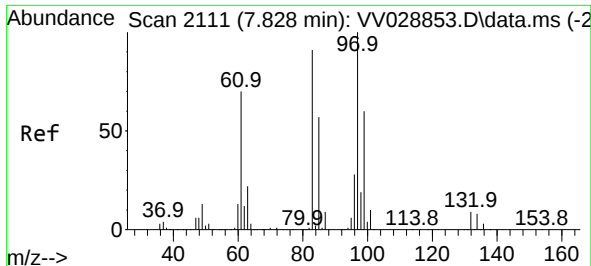
Tgt Ion: 91 Resp: 700589
Ion Ratio Lower Upper
91 100
92 57.8 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 55.057 ug/L
RT: 7.641 min Scan# 2053
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

Tgt Ion: 75 Resp: 251926
Ion Ratio Lower Upper
75 100
77 32.5 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 51.716 ug/L

RT: 7.828 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VV028858.D

Acq: 09 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD050373

Tgt Ion: 97 Resp: 160753

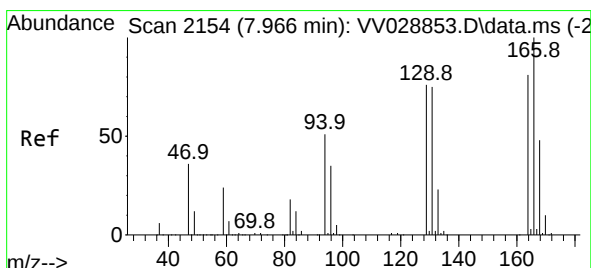
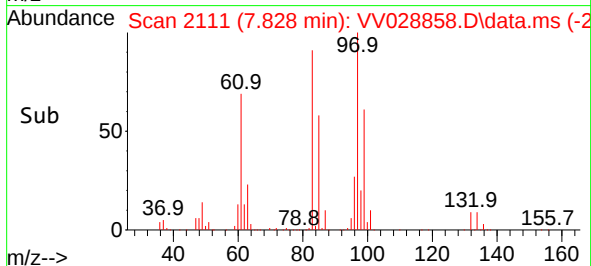
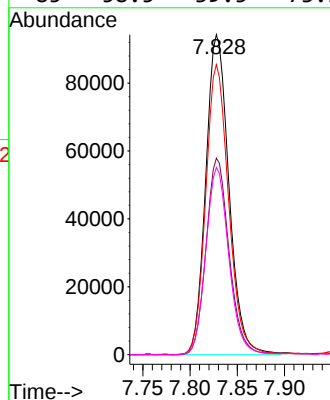
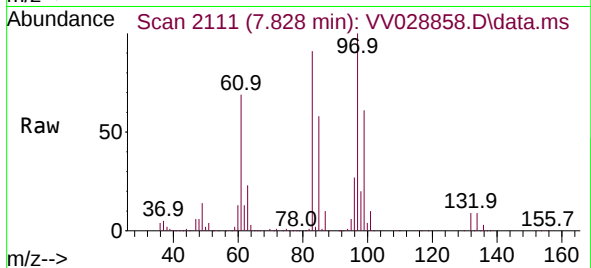
Ion Ratio Lower Upper

97 100

99 61.4 42.9 79.7

83 90.7 62.7 116.5

85 58.5 39.5 73.3



#46

Tetrachloroethene

Concen: 53.751 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.000 min

Lab File: VV028858.D

Acq: 09 Nov 2022 14:43

Tgt Ion:164 Resp: 114084

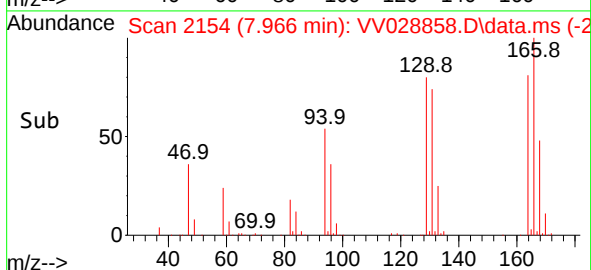
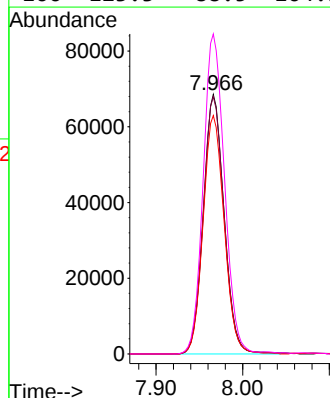
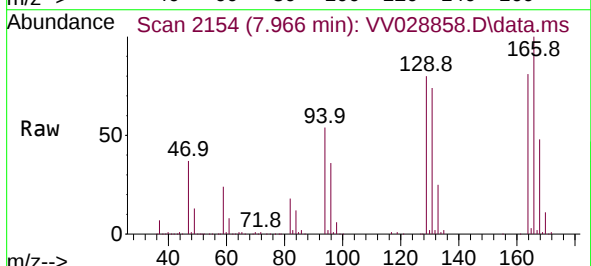
Ion Ratio Lower Upper

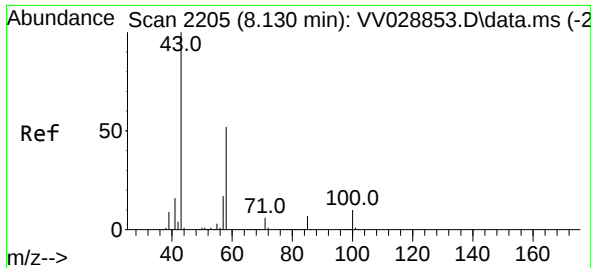
164 100

129 99.1 69.5 129.1

131 91.9 66.4 123.2

166 123.3 88.5 164.3

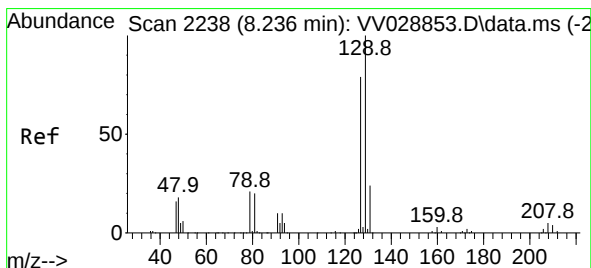
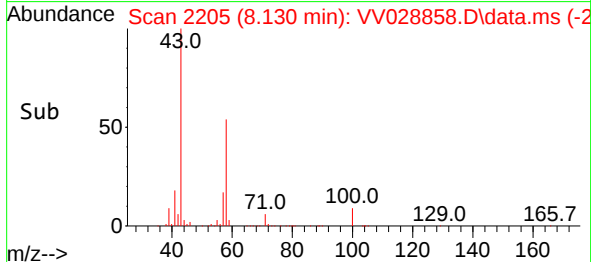
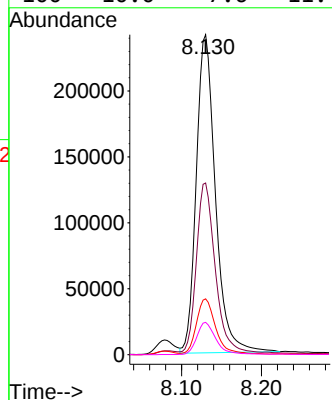
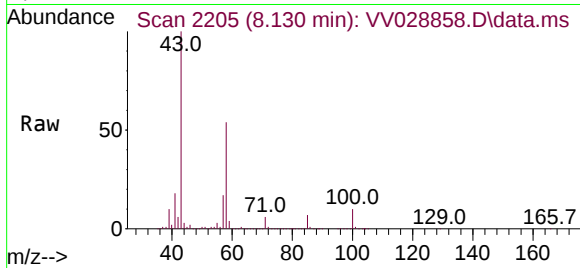




#48
2-Hexanone
Concen: 87.816 ug/L
RT: 8.130 min Scan# 2205
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

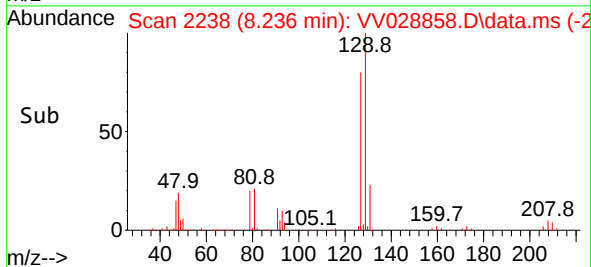
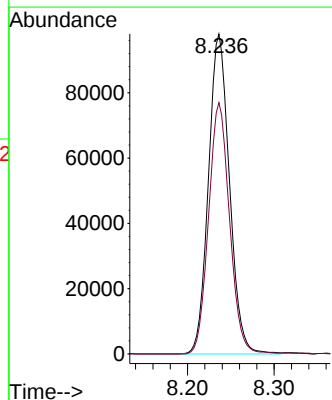
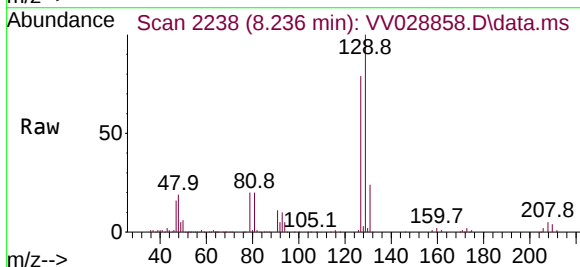
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

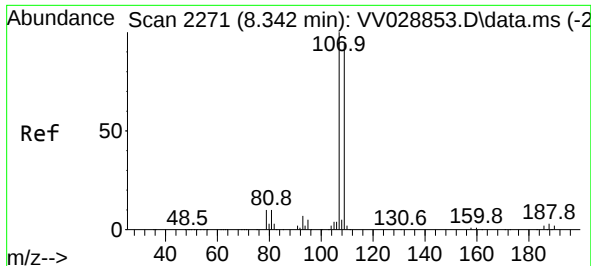
Tgt Ion: 43	Resp: 403010
Ion Ratio	Lower Upper
43 100	
58 52.0	41.4 62.0
57 17.8	13.8 20.6
100 10.0	7.6 11.4



#49
Dibromochloromethane
Concen: 57.401 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

Tgt	Ion:129	Resp:	165165
Ion	Ratio	Lower	Upper
129	100		
127	78.6	55.3	102.7

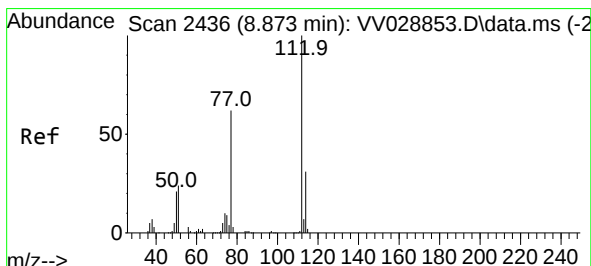
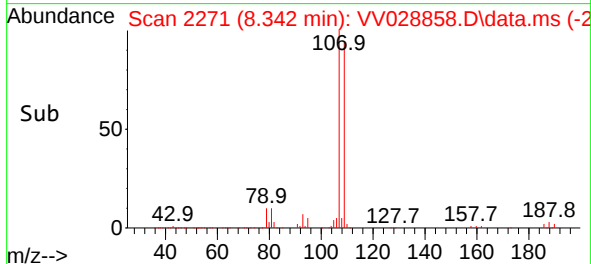
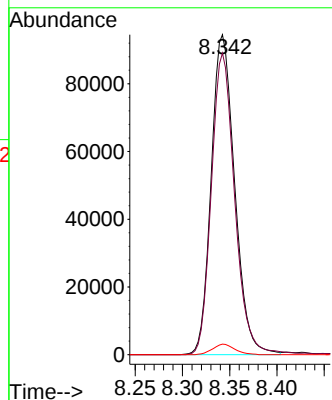
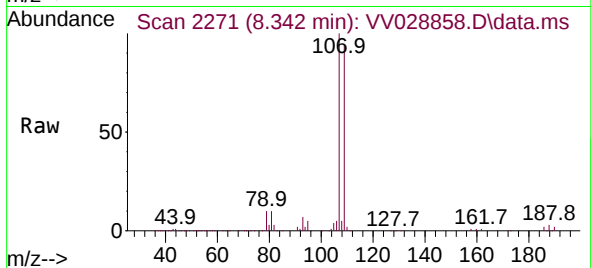




#50
1,2-Dibromoethane
Concen: 52.149 ug/L
RT: 8.342 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

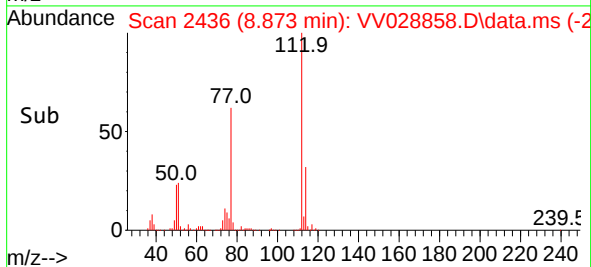
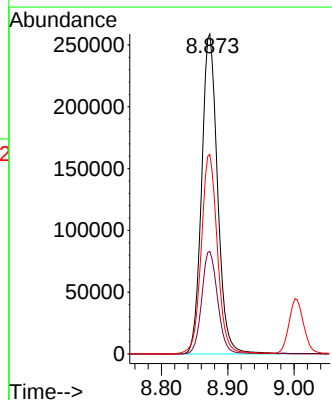
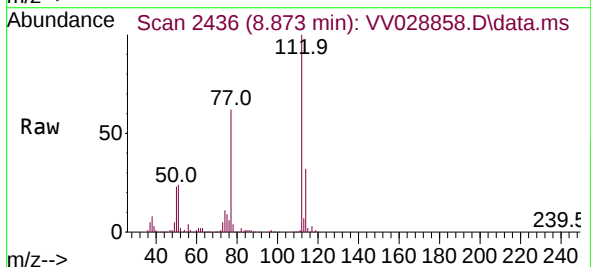
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

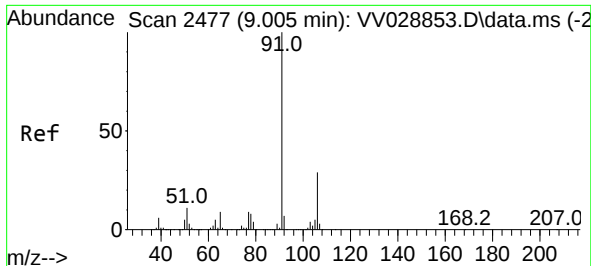
Tgt Ion:107 Resp: 163328
Ion Ratio Lower Upper
107 100
109 94.2 65.2 121.0
188 3.3 2.6 4.0



#51
Chlorobenzene
Concen: 52.762 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

Tgt Ion:112 Resp: 431376
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.5
77 62.3 50.6 75.8





#52

Ethylbenzene

Concen: 53.627 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. -0.000 min

Lab File: VV028858.D

Acq: 09 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

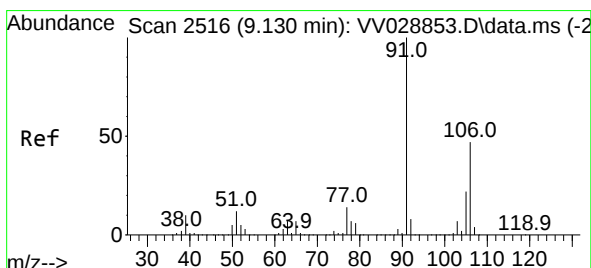
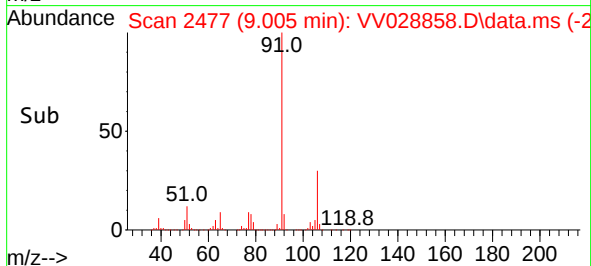
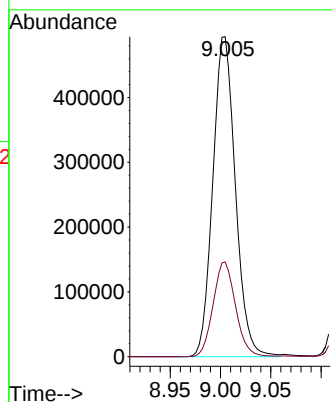
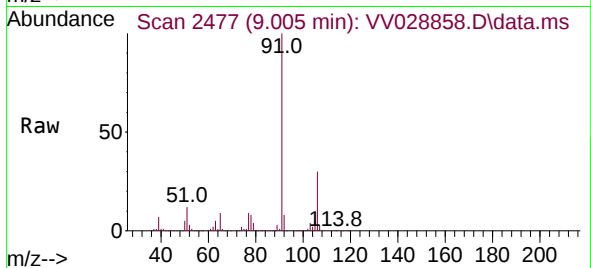
VSTD050373

Tgt Ion: 91 Resp: 770288

Ion Ratio Lower Upper

91 100

106 29.6 20.4 38.0



#53

m,p-Xylene

Concen: 53.893 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.000 min

Lab File: VV028858.D

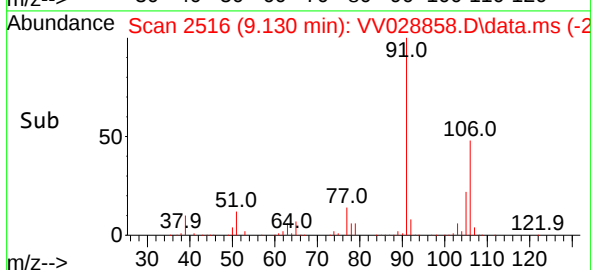
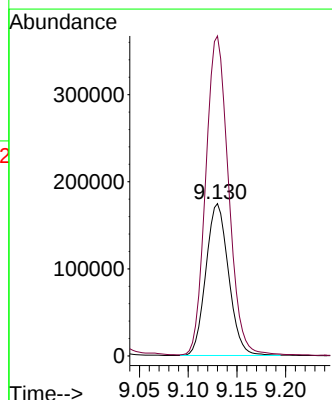
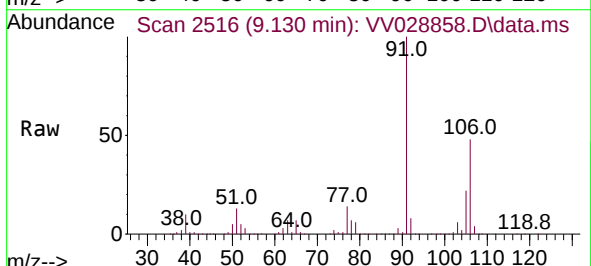
Acq: 09 Nov 2022 14:43

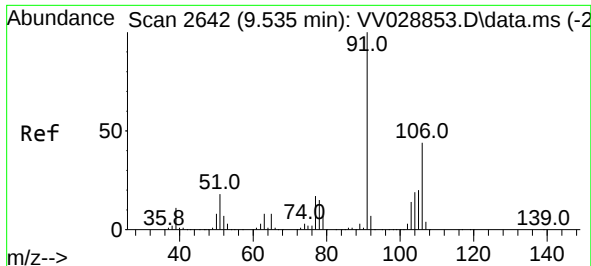
Tgt Ion: 106 Resp: 282336

Ion Ratio Lower Upper

106 100

91 210.2 146.2 271.6

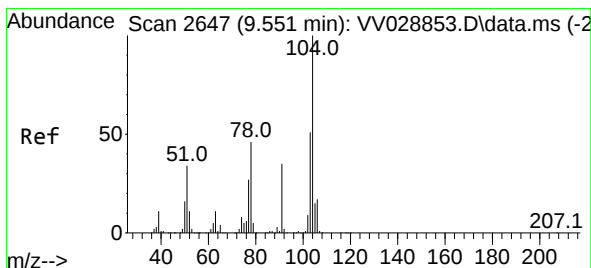
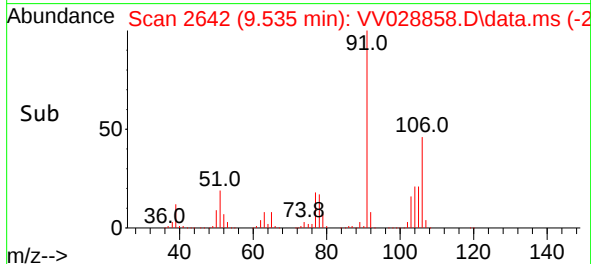
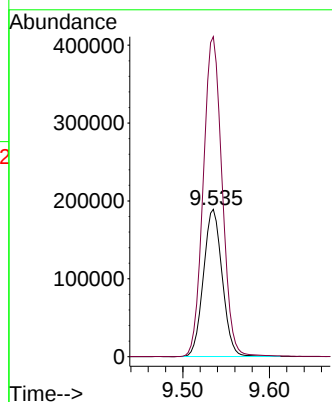
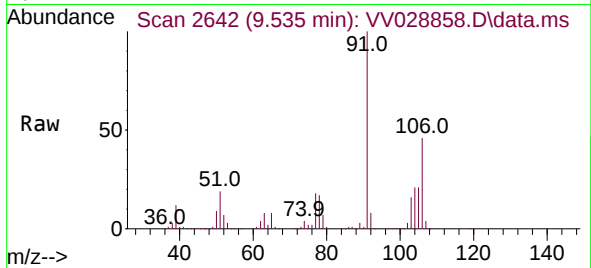




#54
o-Xylene
Concen: 54.542 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

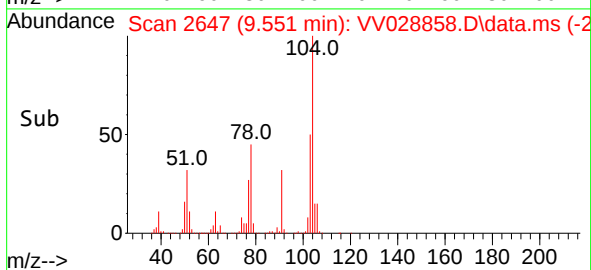
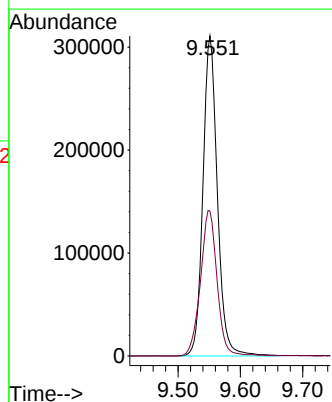
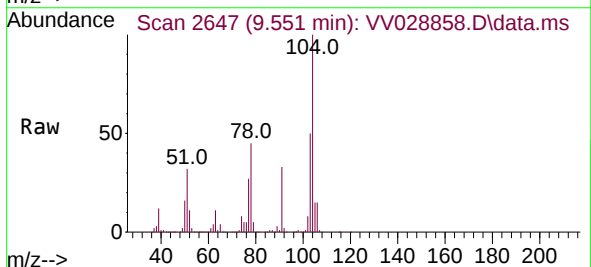
Instrument : MSVOA_V
ClientSampleId : VSTD050373

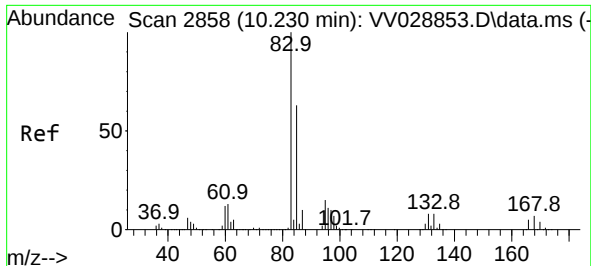
Tgt Ion:106 Resp: 285265
Ion Ratio Lower Upper
106 100
91 217.2 158.1 293.7



#55
Styrene
Concen: 55.798 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

Tgt Ion:104 Resp: 500465
Ion Ratio Lower Upper
104 100
78 45.3 31.9 59.3

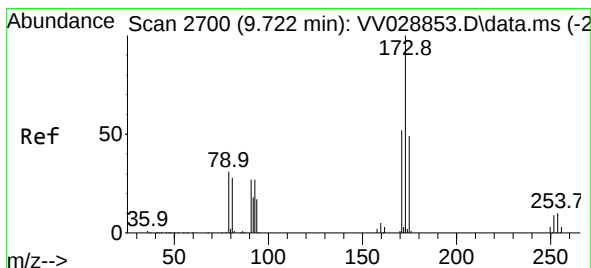
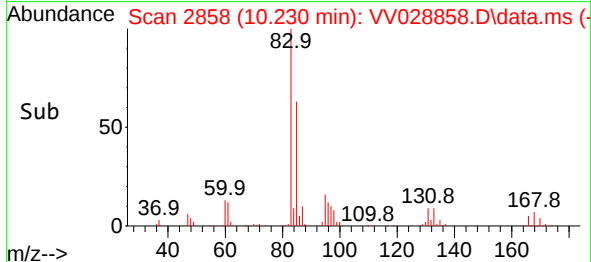
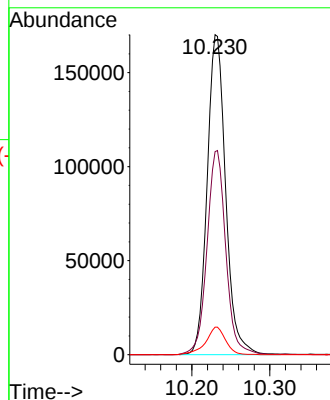
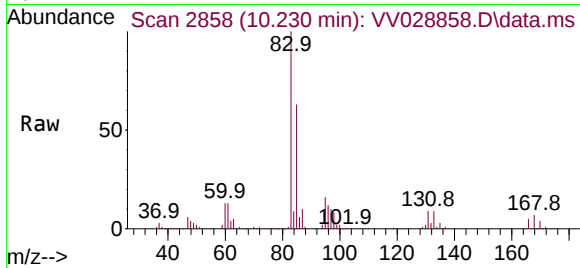




#57
1,1,2,2-Tetrachloroethane
Concen: 51.118 ug/L
RT: 10.230 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

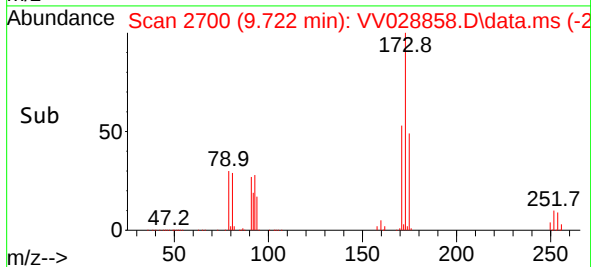
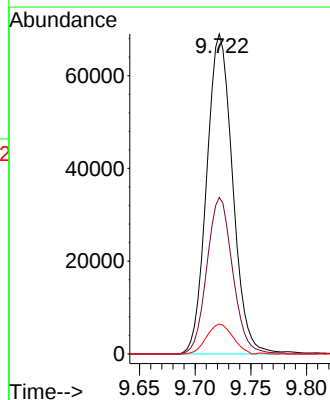
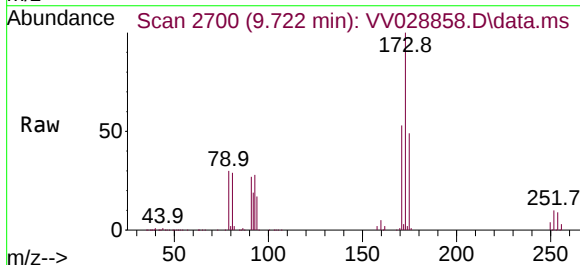
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

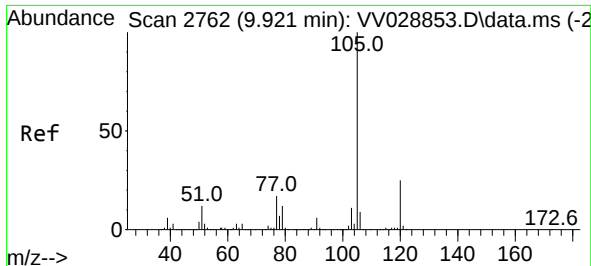
Tgt Ion: 83 Resp: 280444
Ion Ratio Lower Upper
83 100
85 63.5 44.4 82.4
131 8.6 6.5 9.7



#59
Bromoform
Concen: 55.690 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

Tgt Ion: 173 Resp: 111843
Ion Ratio Lower Upper
173 100
175 48.7 38.7 58.1
254 9.4 7.2 10.8

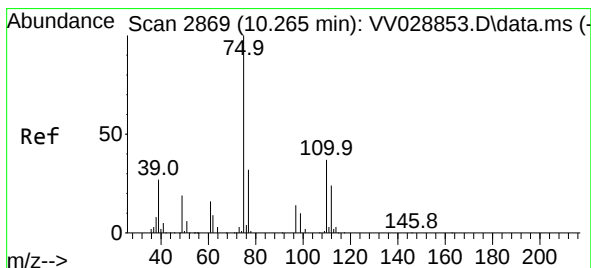
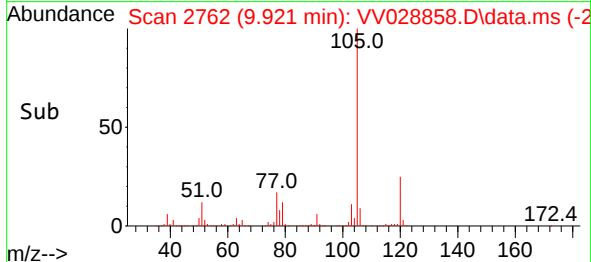
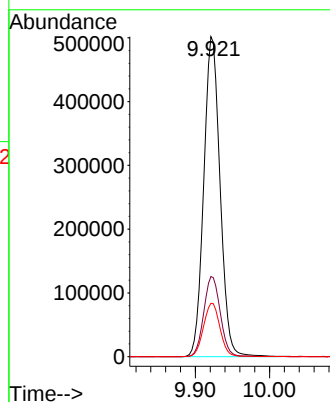
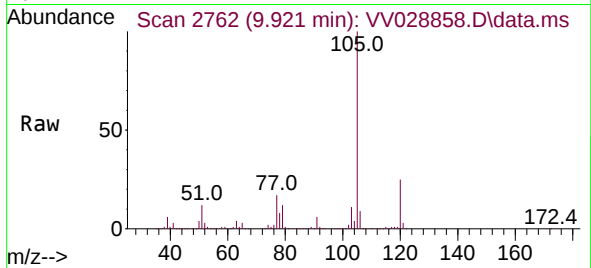




#60
Isopropylbenzene
Concen: 49.707 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

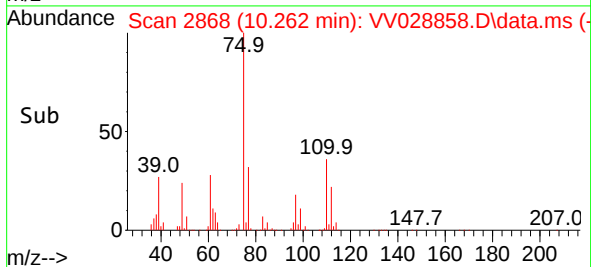
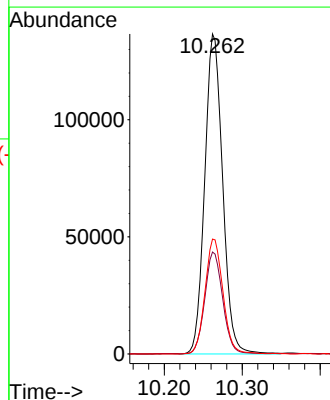
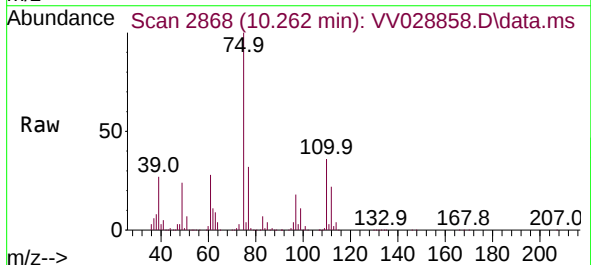
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

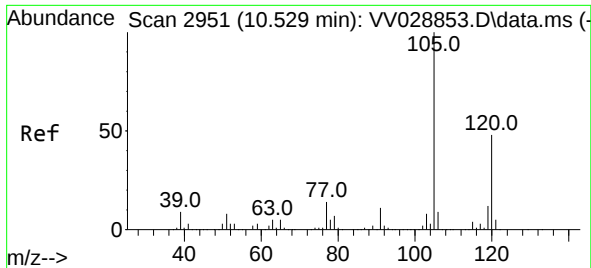
Tgt Ion:105 Resp: 764140
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 16.9 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 45.422 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.003 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

Tgt Ion: 75 Resp: 218357
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4
110 36.0 28.2 42.2

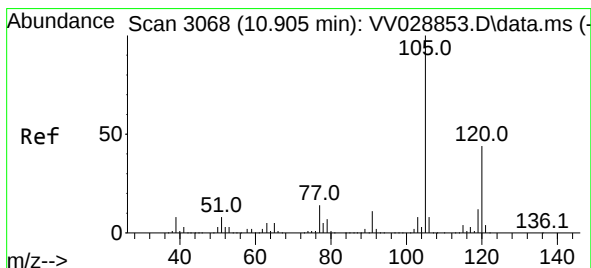
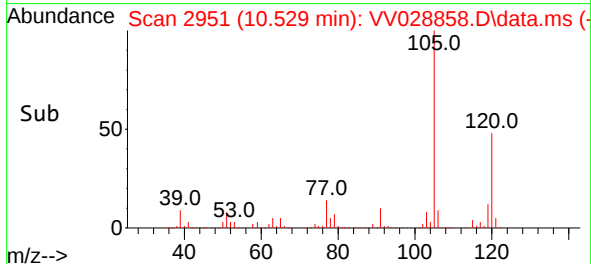
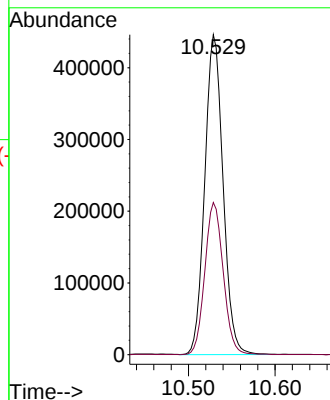
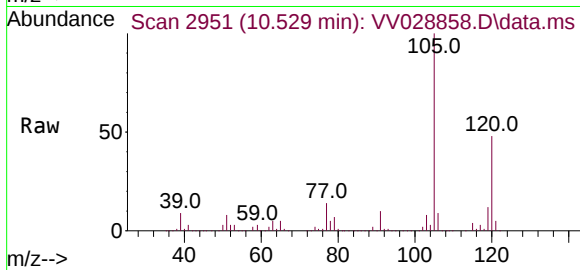




#62
1,3,5-Trimethylbenzene
Concen: 50.950 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

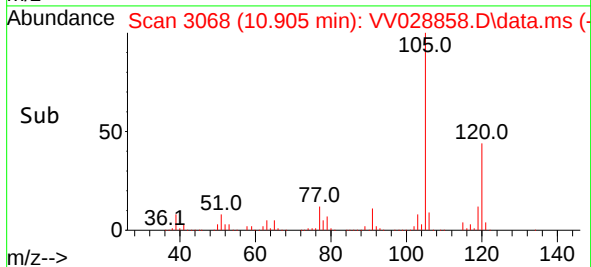
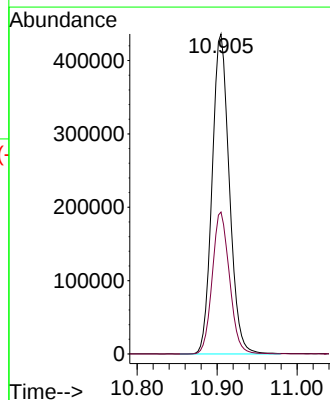
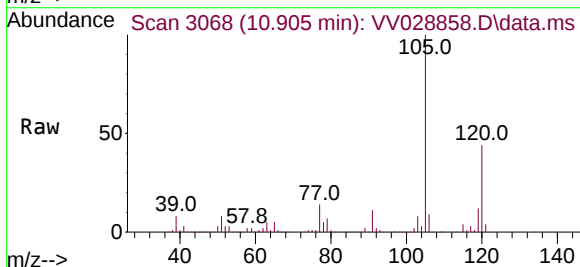
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

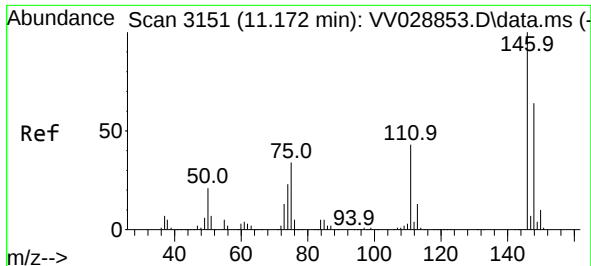
Tgt Ion:105 Resp: 653889
Ion Ratio Lower Upper
105 100
120 47.8 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 51.072 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

Tgt Ion:105 Resp: 652083
Ion Ratio Lower Upper
105 100
120 44.4 35.4 53.0

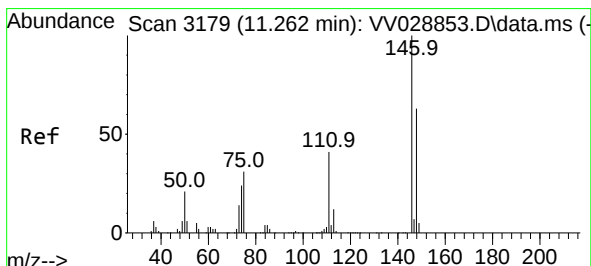
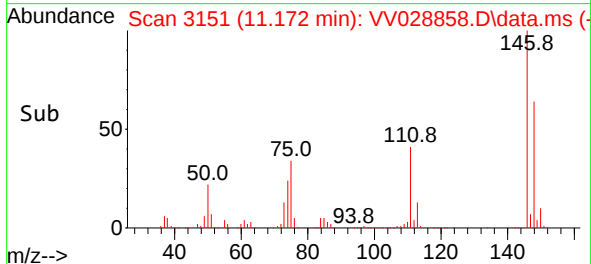
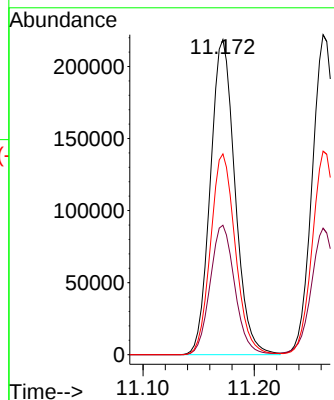
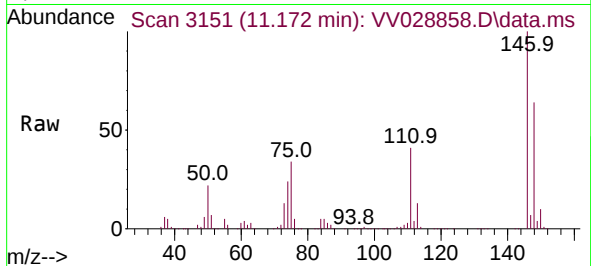




#64
1,3-Dichlorobenzene
Concen: 51.930 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

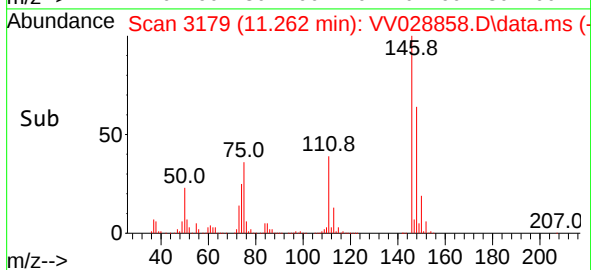
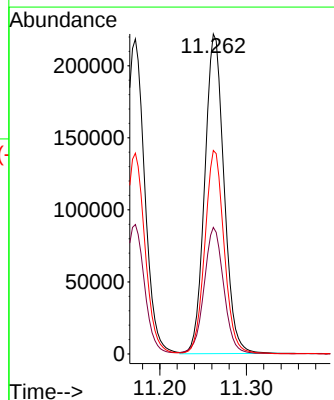
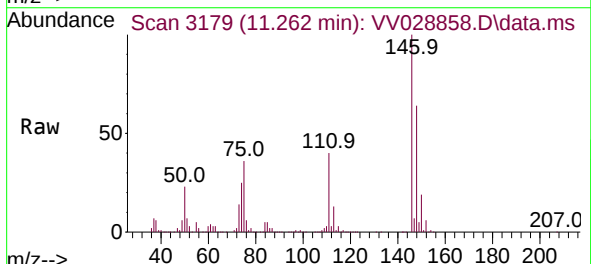
Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

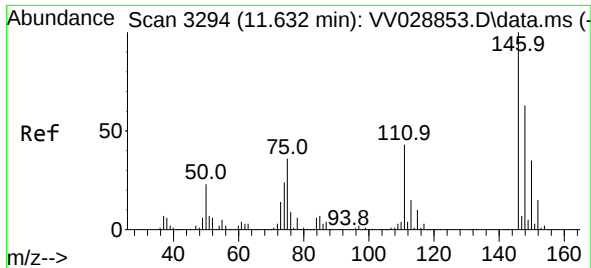
Tgt Ion:146 Resp: 336774
Ion Ratio Lower Upper
146 100
111 41.1 29.6 55.0
148 63.7 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 51.920 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

Tgt Ion:146 Resp: 343076
Ion Ratio Lower Upper
146 100
111 39.6 28.7 53.3
148 63.6 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 51.588 ug/L

RT: 11.632 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV028858.D

Acq: 09 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD050373

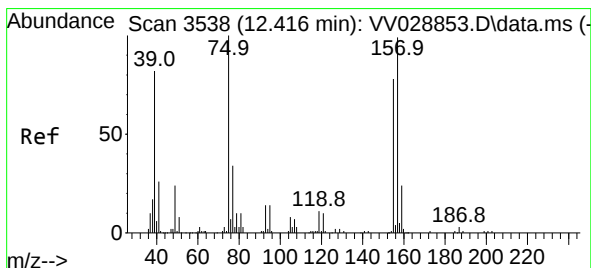
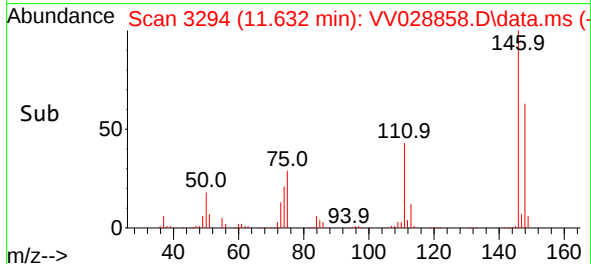
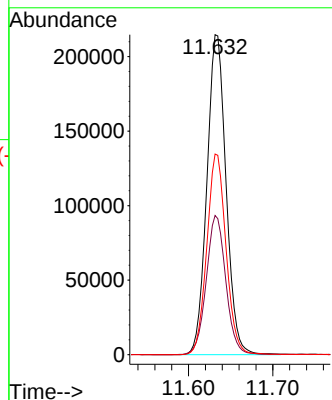
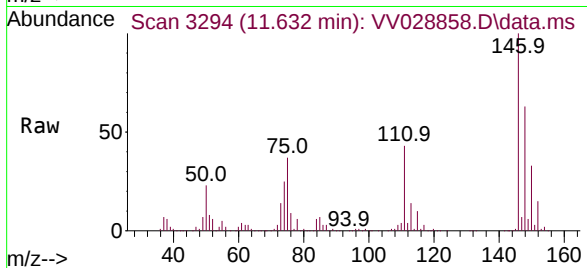
Tgt Ion:146 Resp: 340342

Ion Ratio Lower Upper

146 100

111 43.5 34.2 51.2

148 62.7 49.5 74.3



#68

1,2-Dibromo-3-chloropropane

Concen: 44.176 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. -0.000 min

Lab File: VV028858.D

Acq: 09 Nov 2022 14:43

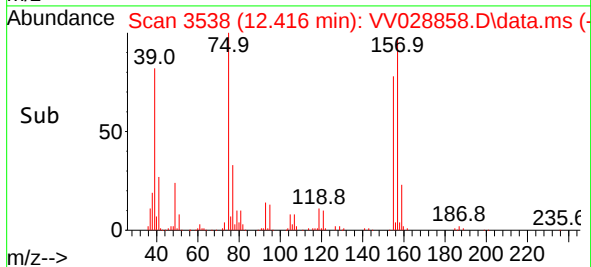
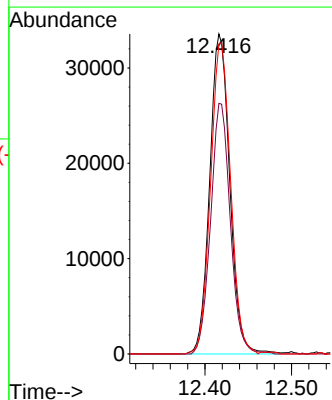
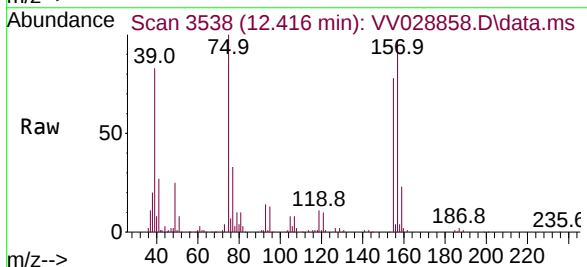
Tgt Ion: 75 Resp: 54104

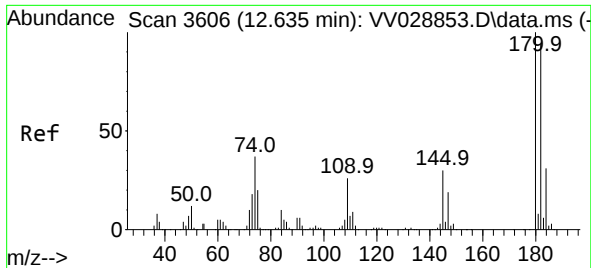
Ion Ratio Lower Upper

75 100

155 78.3 59.4 89.0

157 96.9 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 51.882 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. -0.000 min

Lab File: VV028858.D

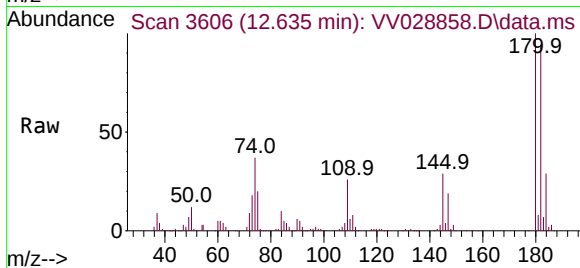
Acq: 09 Nov 2022 14:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD050373



Tgt Ion:180 Resp: 241276

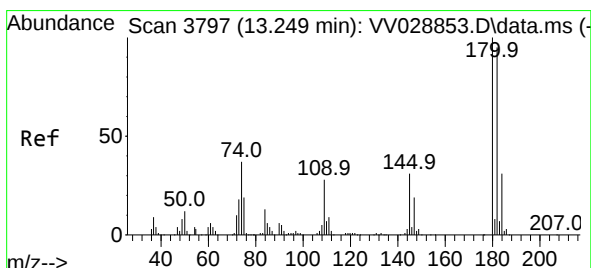
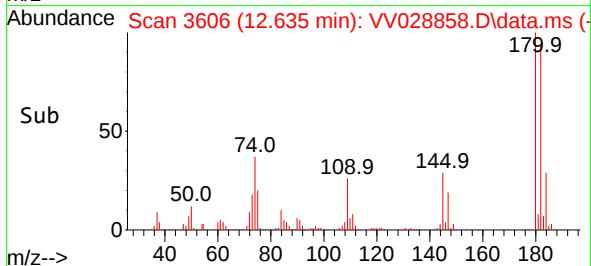
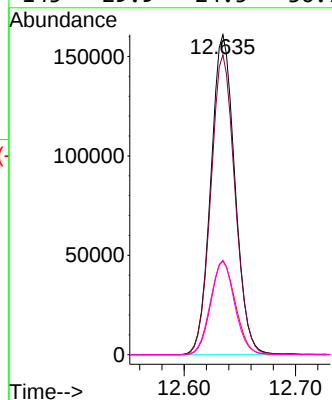
Ion Ratio Lower Upper

180 100

182 94.2 75.6 113.4

184 30.0 23.9 35.9

145 29.9 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 50.237 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. -0.000 min

Lab File: VV028858.D

Acq: 09 Nov 2022 14:43

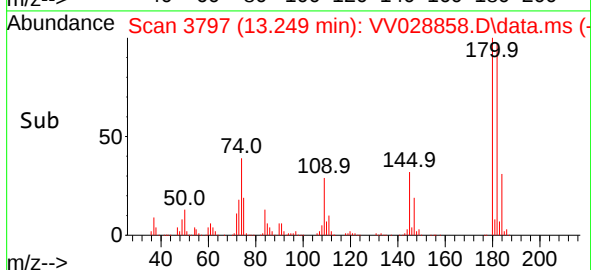
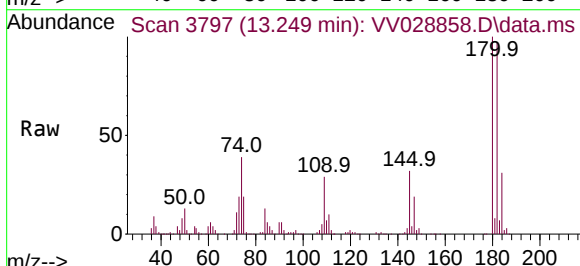
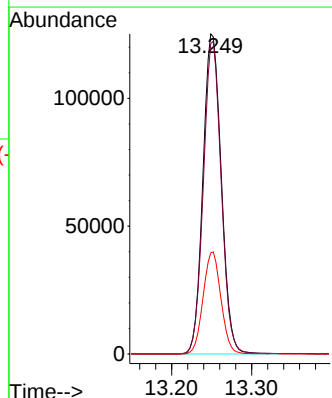
Tgt Ion:180 Resp: 199928

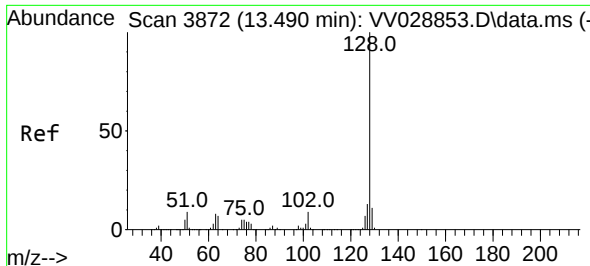
Ion Ratio Lower Upper

180 100

182 95.3 76.6 115.0

145 31.0 25.1 37.7

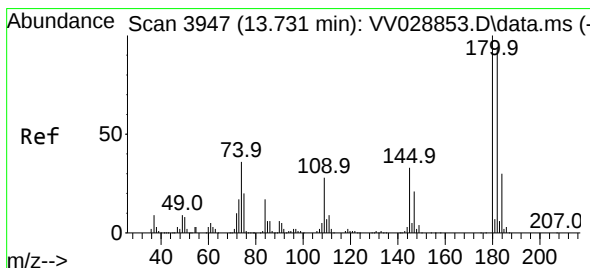
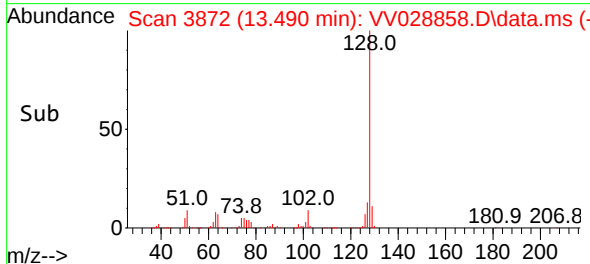
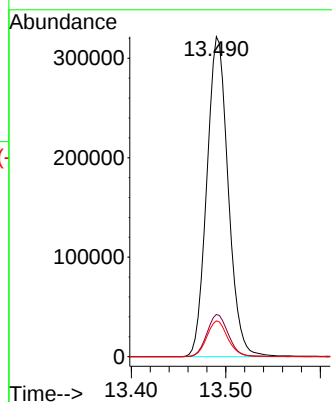
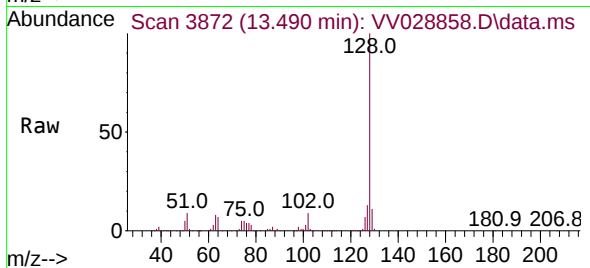




#71
Naphthalene
Concen: 39.028 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD050373

Tgt Ion:128 Resp: 505707
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 48.602 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VV028858.D
Acq: 09 Nov 2022 14:43

Tgt Ion:180 Resp: 195776
Ion Ratio Lower Upper
180 100
182 96.2 75.5 113.3
145 32.6 26.2 39.4

