

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100822\
 Data File : VW028441.D
 Acq On : 08 Oct 2022 16:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050352

Quant Time: Oct 09 05:52:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 08 02:10:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	334157	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	305180	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	160629	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	100093	38.820	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.640%
7) Chloroethane-d5	1.564	69	77650	37.981	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.960%
11) 1,1-Dichloroethene-d2	2.105	63	178473	40.671	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.340%
21) 2-Butanone-d5	3.892	46	182803	80.990	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.990%
24) Chloroform-d	4.339	84	220895	46.712	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.420%
26) 1,2-Dichloroethane-d4	5.024	65	145529	47.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.440%
32) Benzene-d6	5.043	84	449379	45.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.900%
36) 1,2-Dichloropropane-d6	6.063	67	141738	44.455	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.900%
41) Toluene-d8	7.310	98	413156	47.189	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.380%
43) trans-1,3-Dichloroprop...	7.616	79	75886	46.695	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.400%
47) 2-Hexanone-d5	8.085	63	144998	83.601	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.600%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	183678	42.099	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	155549	46.735	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	138306	54.972	ug/L	99
3) Chloromethane	1.240	50	129010	45.548	ug/L	100
5) Vinyl chloride	1.307	62	126114	44.368	ug/L	99
6) Bromomethane	1.519	94	53479	41.262	ug/L	99
8) Chloroethane	1.584	64	74348	43.088	ug/L	98
9) Trichlorofluoromethane	1.751	101	179242	51.025	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	90129	45.270	ug/L	94
12) 1,1-Dichloroethene	2.114	96	88176	45.114	ug/L	92
13) Acetone	2.191	43	120180	68.735	ug/L	92
14) Carbon disulfide	2.288	76	310246	49.634	ug/L	99
15) Methyl Acetate	2.432	43	140185	47.487	ug/L	99
16) Methylene chloride	2.503	84	125318	49.339	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	113860	49.944	ug/L	96
18) Methyl tert-butyl Ether	2.764	73	426429	50.882	ug/L	99
19) 1,1-Dichloroethane	3.182	63	228955	49.163	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	130370	50.198	ug/L	98
22) 2-Butanone	3.979	43	215268	93.393	ug/L	100
23) Bromochloromethane	4.239	128	65966	52.266	ug/L	93
25) Chloroform	4.368	83	235165	51.725	ug/L	98

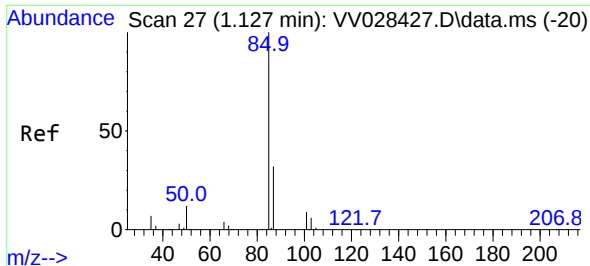
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100822\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 08 02:10:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	186204	53.454	ug/L	100
29) Cyclohexane	4.670	56	213683	48.680	ug/L	97
30) 1,1,1-Trichloroethane	4.600	97	212408	53.877	ug/L	99
31) Carbon tetrachloride	4.821	117	179061	54.257	ug/L	99
33) Benzene	5.092	78	502968	50.111	ug/L	100
34) Trichloroethene	5.908	95	125022	50.211	ug/L	99
35) Methylcyclohexane	6.124	83	220346	50.902	ug/L	98
37) 1,2-Dichloropropane	6.165	63	132089	49.087	ug/L	100
38) Bromodichloromethane	6.503	83	179450	51.187	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	211120	49.317	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	432610	94.263	ug/L	99
42) Toluene	7.381	91	530212	51.249	ug/L	100
44) trans-1,3-Dichloropropene	7.644	75	211435	51.462	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	122413	49.114	ug/L	98
46) Tetrachloroethene	7.969	164	96939	54.182	ug/L	97
48) 2-Hexanone	8.133	43	326392	92.640	ug/L	99
49) Dibromochloromethane	8.239	129	136588	50.983	ug/L	99
50) 1,2-Dibromoethane	8.345	107	127076	49.240	ug/L	100
51) Chlorobenzene	8.873	112	328236	50.568	ug/L	98
52) Ethylbenzene	9.005	91	581995	51.613	ug/L	99
53) m,p-Xylene	9.130	106	220467	51.583	ug/L	100
54) o-Xylene	9.535	106	220612	51.551	ug/L	99
55) Styrene	9.551	104	378216	51.463	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	199392	46.713	ug/L	99
59) Bromoform	9.722	173	97372	48.951	ug/L	100
60) Isopropylbenzene	9.924	105	586138	50.639	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	158307	46.294	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	509067	50.781	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	503922	50.643	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	260327	51.422	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	259664	51.403	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	260554	50.993	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	48460	46.308	ug/L	98
69) 1,3,5-Trichlorobenzene	12.635	180	201005	52.276	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	178942	52.799	ug/L	99
71) Naphthalene	13.490	128	502829	47.701	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	173132	52.397	ug/L	99

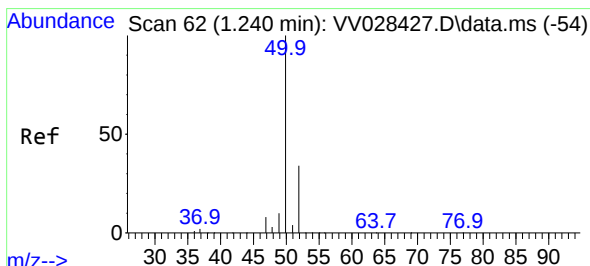
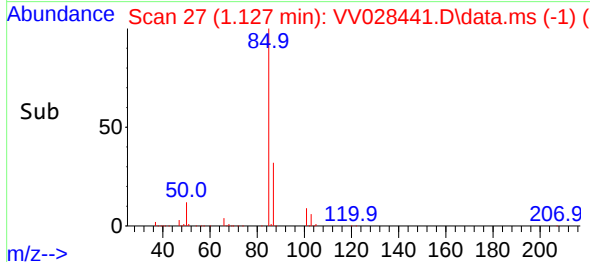
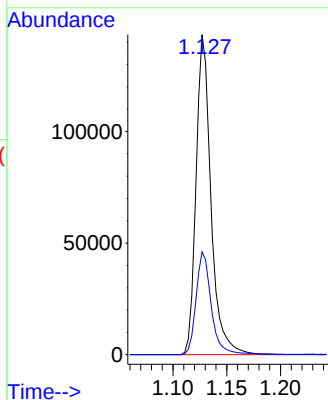
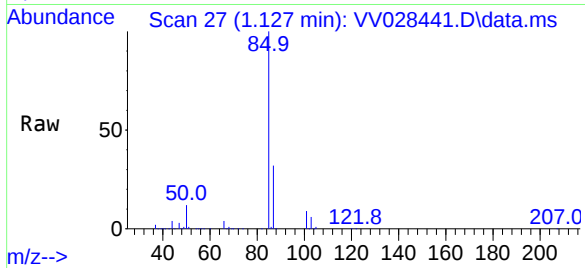
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 54.972 ug/L
RT: 1.127 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

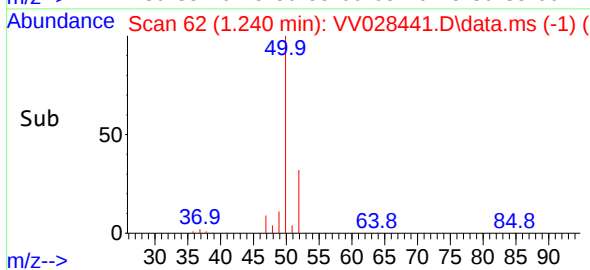
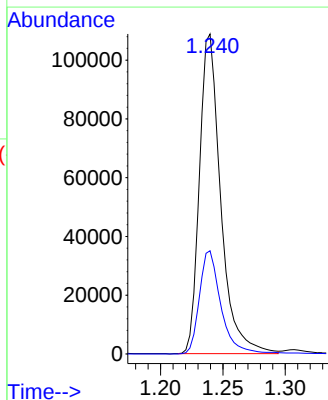
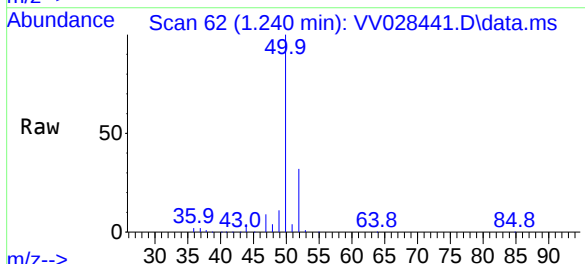
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

Tgt Ion: 85 Resp: 138306
Ion Ratio Lower Upper
85 100
87 32.7 25.9 38.9

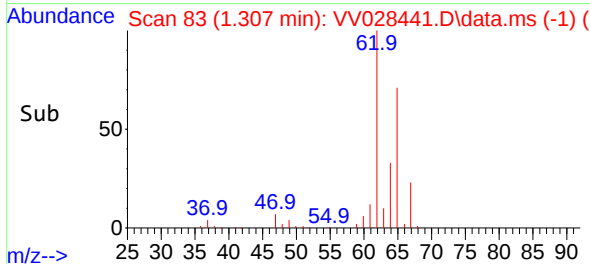
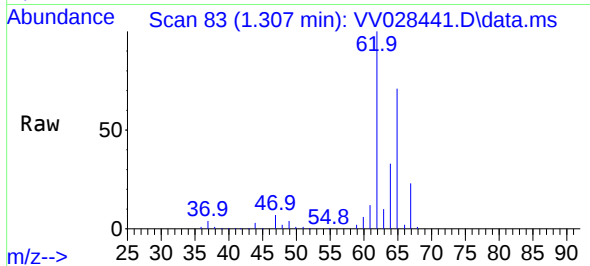
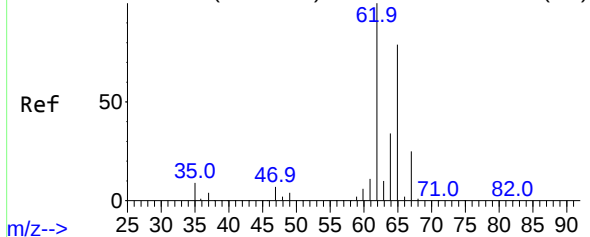


#3
Chloromethane
Concen: 45.548 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion: 50 Resp: 129010
Ion Ratio Lower Upper
50 100
52 32.2 22.7 42.3



Abundance Scan 83 (1.307 min): VV028427.D\data.ms (-76)



#5

Vinyl chloride

Concen: 44.368 ug/L

RT: 1.307 min Scan# 83

Delta R.T. -0.000 min

Lab File: VV028441.D

Acq: 08 Oct 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

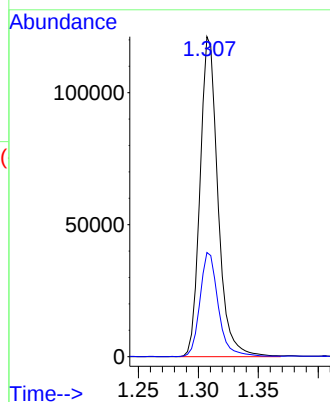
VSTD050352

Tgt Ion: 62 Resp: 126114

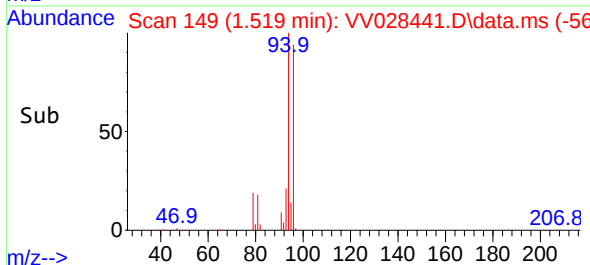
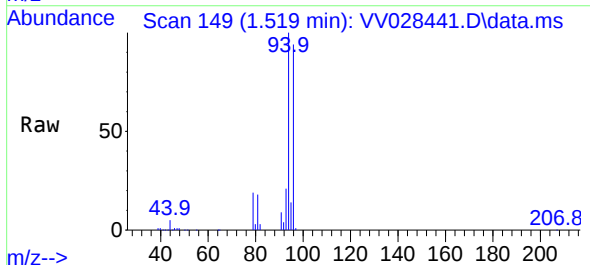
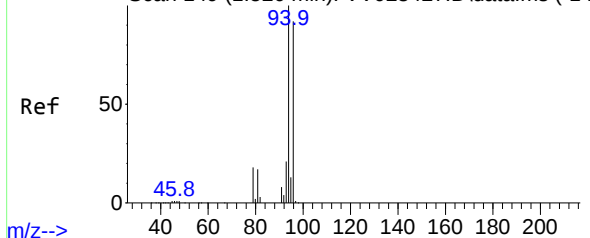
Ion Ratio Lower Upper

62 100

64 32.6 23.3 43.3



Abundance Scan 149 (1.520 min): VV028427.D\data.ms (-14)



#6

Bromomethane

Concen: 41.262 ug/L

RT: 1.519 min Scan# 149

Delta R.T. -0.000 min

Lab File: VV028441.D

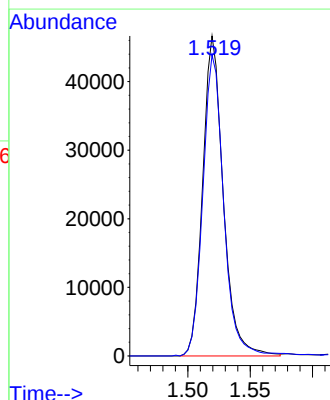
Acq: 08 Oct 2022 16:36

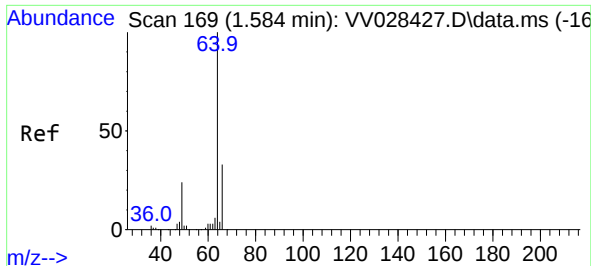
Tgt Ion: 94 Resp: 53479

Ion Ratio Lower Upper

94 100

96 94.1 65.5 121.6

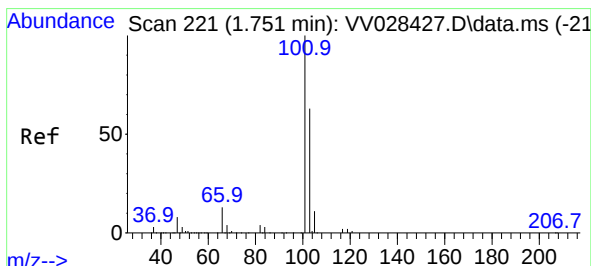
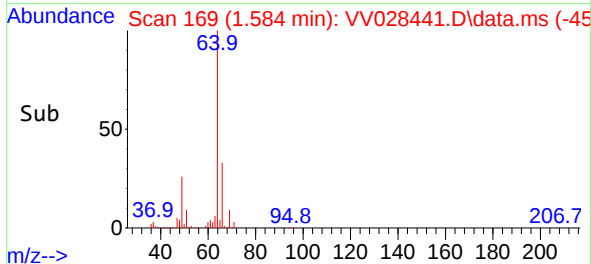
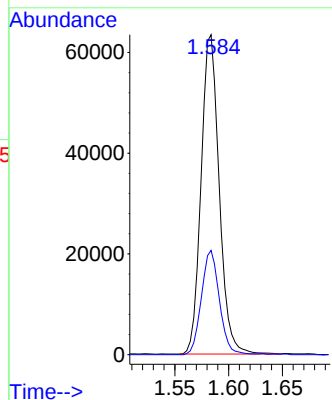
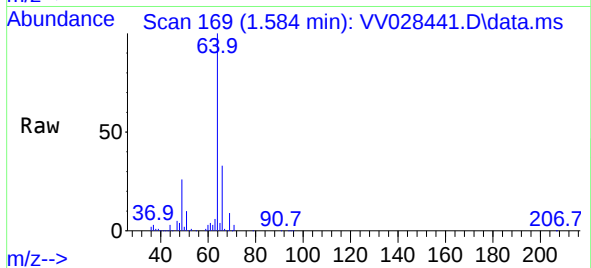




#8
Chloroethane
Concen: 43.088 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

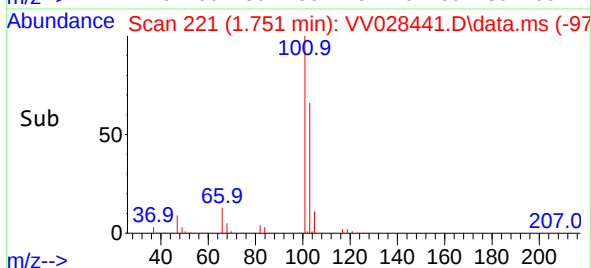
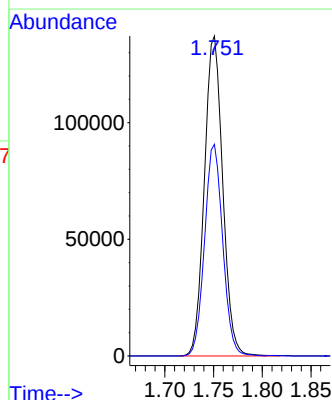
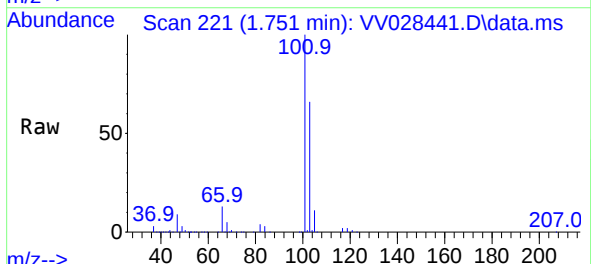
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

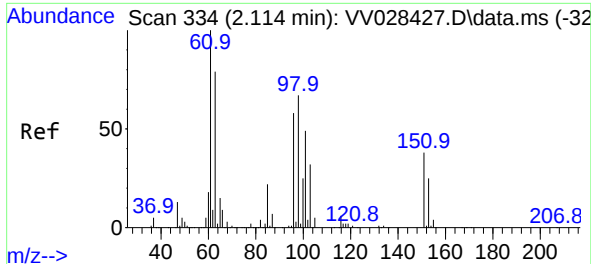
Tgt Ion: 64 Resp: 74348
Ion Ratio Lower Upper
64 100
66 32.6 22.2 41.2



#9
Trichlorofluoromethane
Concen: 51.025 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion: 101 Resp: 179242
Ion Ratio Lower Upper
101 100
103 65.5 50.7 76.1

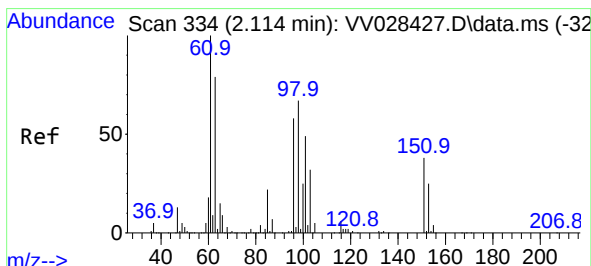
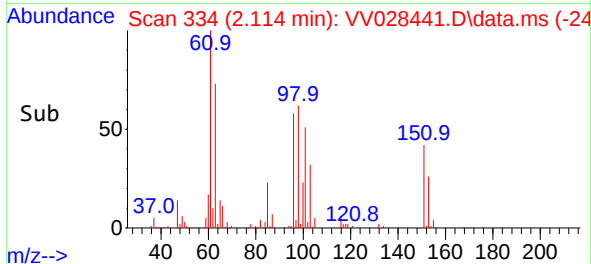
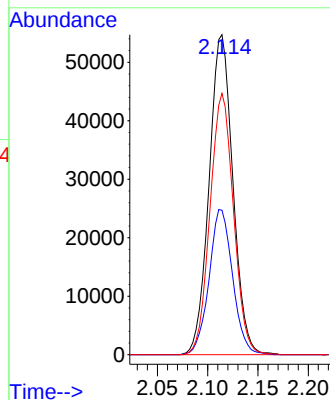
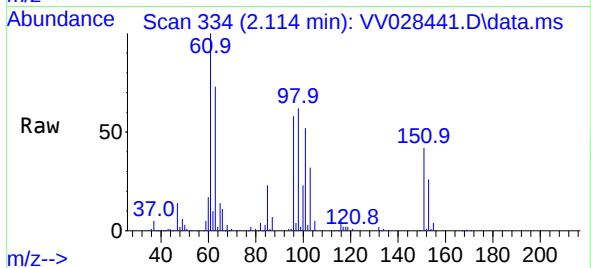




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.270 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

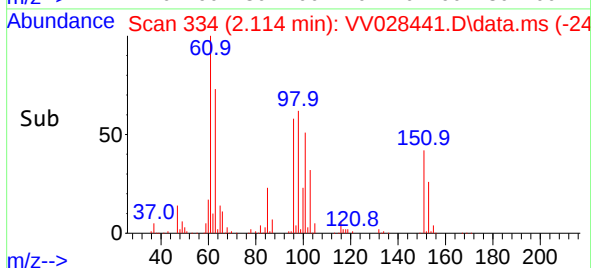
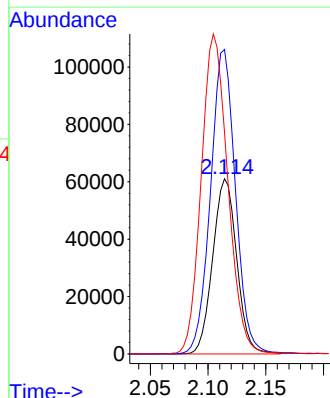
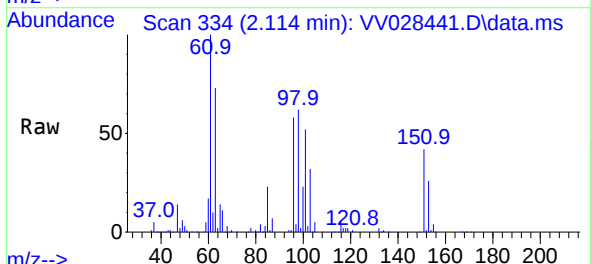
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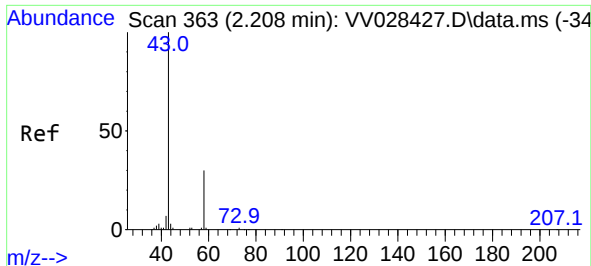
Tgt Ion:101 Resp: 90129
Ion Ratio Lower Upper
101 100
85 44.9 34.9 52.3
151 80.6 59.2 88.8



#12
1,1-Dichloroethene
Concen: 45.114 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion: 96 Resp: 88176
Ion Ratio Lower Upper
96 100
61 173.8 125.6 233.2
63 126.6 100.0 185.6

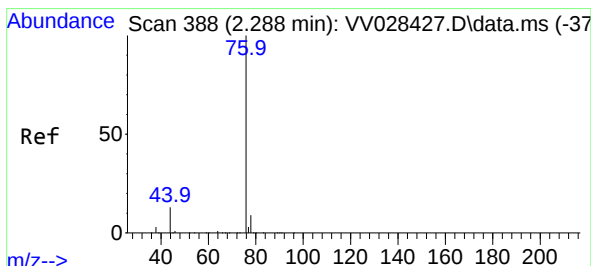
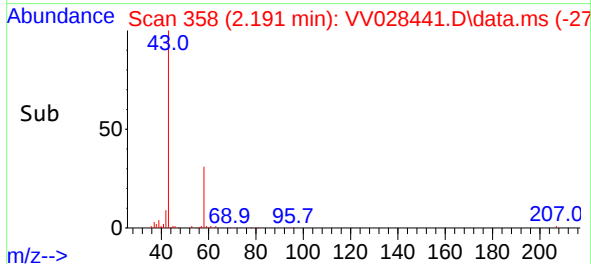
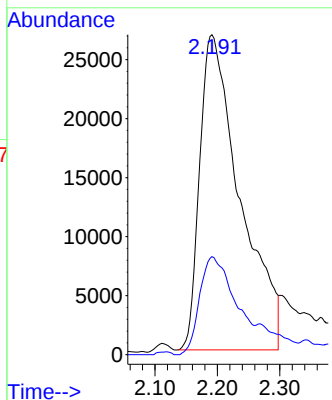
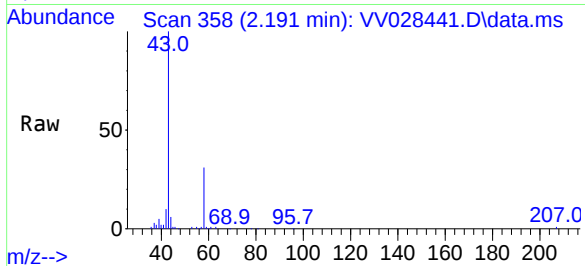




#13
Acetone
Concen: 68.735 ug/L
RT: 2.191 min Scan# 31
Delta R.T. -0.016 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

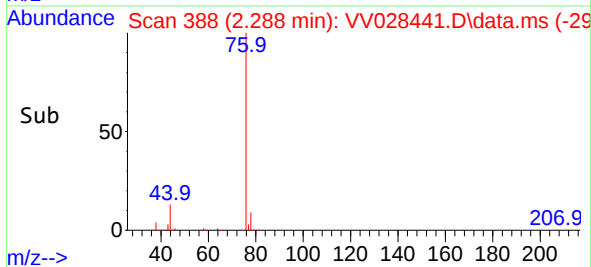
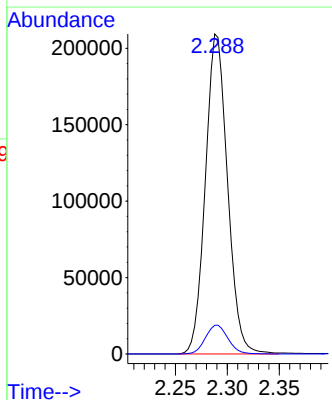
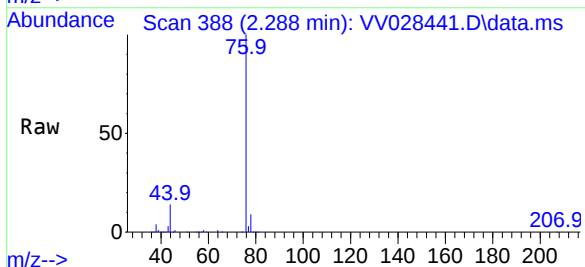
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

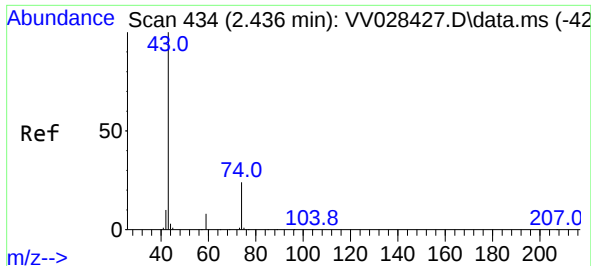
Tgt Ion: 43 Resp: 120180
Ion Ratio Lower Upper
43 100
58 27.3 0.0 47.0



#14
Carbon disulfide
Concen: 49.634 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion: 76 Resp: 310246
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

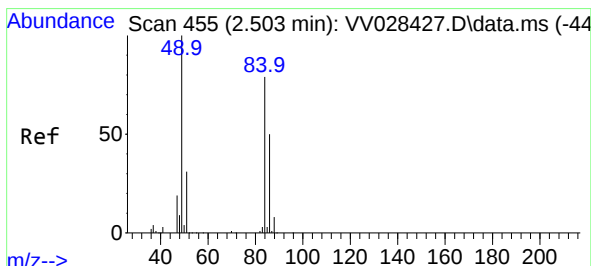
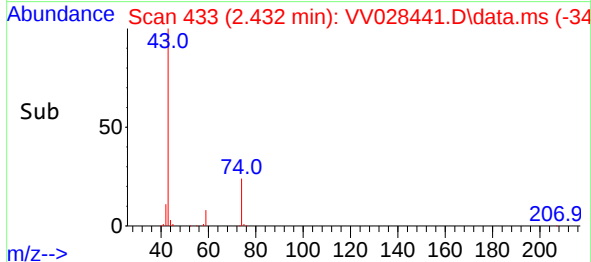
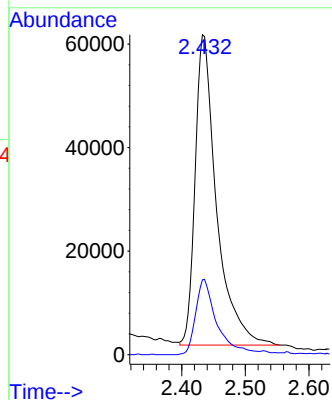
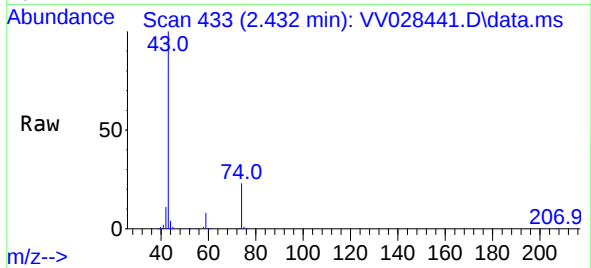




#15
Methyl Acetate
Concen: 47.487 ug/L
RT: 2.432 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

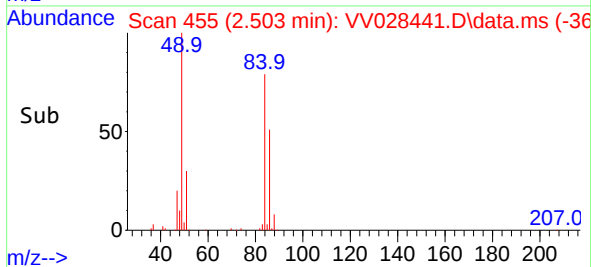
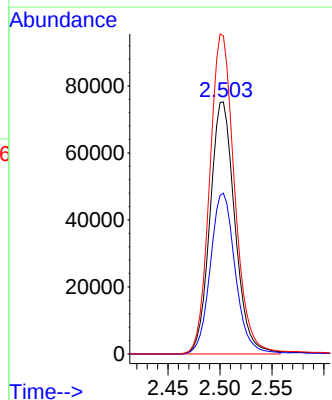
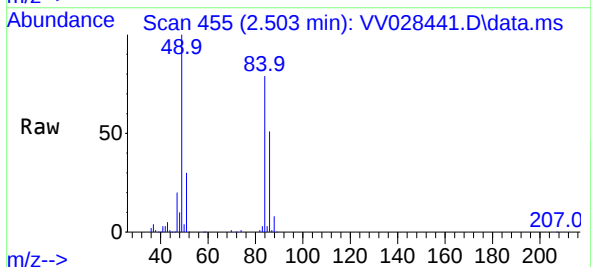
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

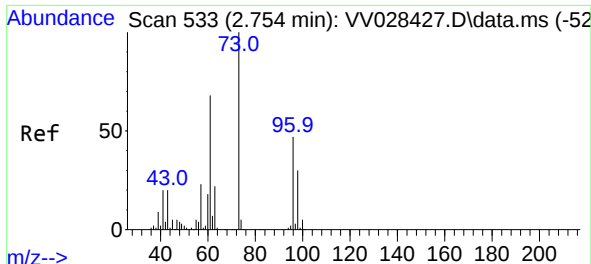
Tgt Ion: 43 Resp: 140185
Ion Ratio Lower Upper
43 100
74 24.1 18.8 28.2



#16
Methylene chloride
Concen: 49.339 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion: 84 Resp: 125318
Ion Ratio Lower Upper
84 100
86 63.8 44.2 82.2
49 126.2 90.5 168.1

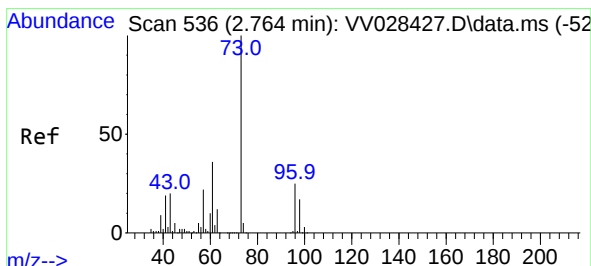
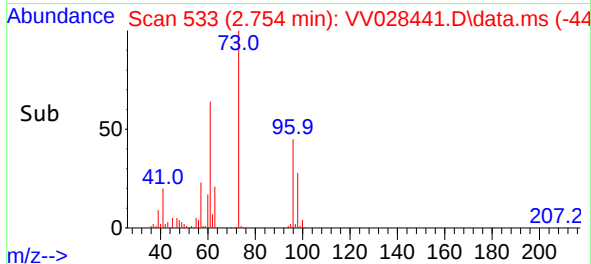
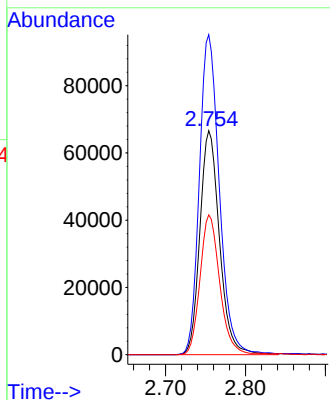
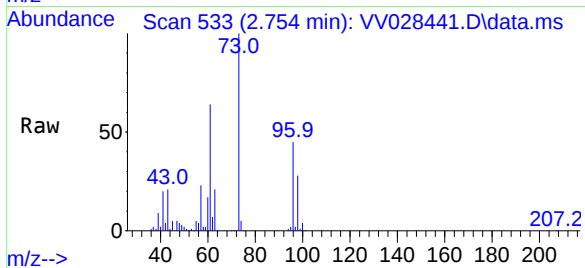




#17
trans-1,2-Dichloroethene
Concen: 49.944 ug/L
RT: 2.754 min Scan# 511
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

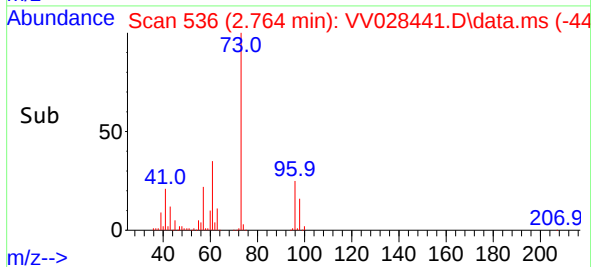
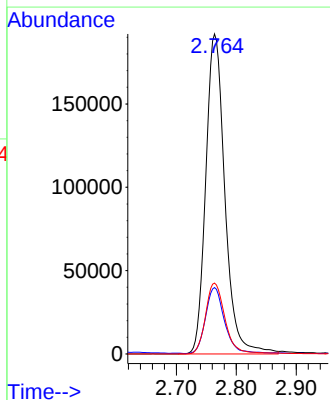
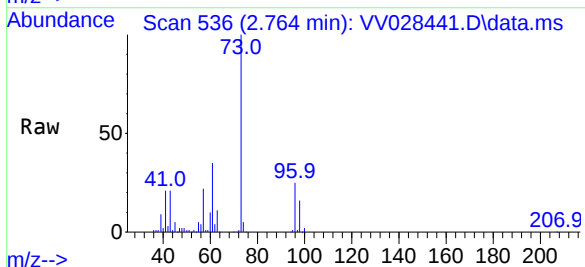
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

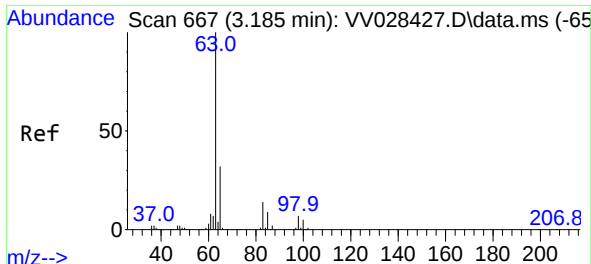
Tgt Ion: 96 Resp: 113860
Ion Ratio Lower Upper
96 100
61 142.9 104.8 194.6
98 62.4 44.5 82.7



#18
Methyl tert-butyl Ether
Concen: 50.882 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion: 73 Resp: 426429
Ion Ratio Lower Upper
73 100
43 20.2 15.6 23.4
57 22.3 18.2 27.4

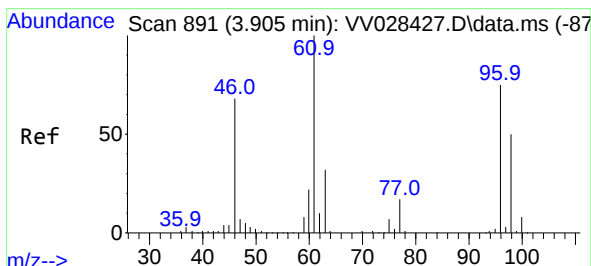
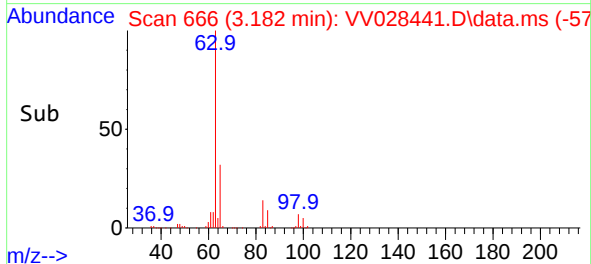
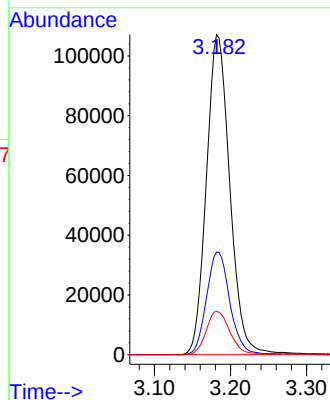
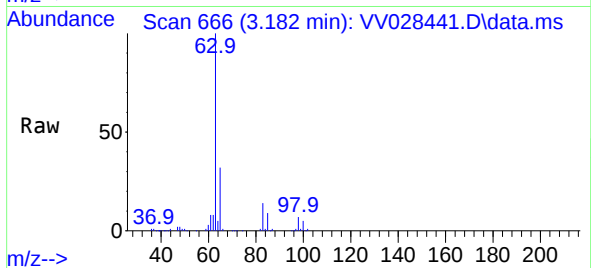




#19
1,1-Dichloroethane
Concen: 49.163 ug/L
RT: 3.182 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

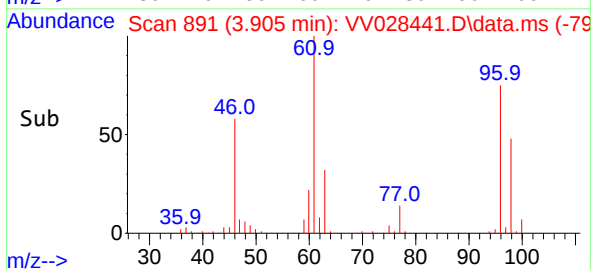
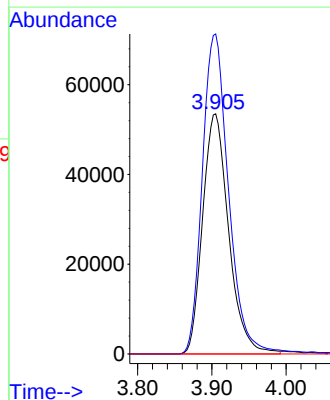
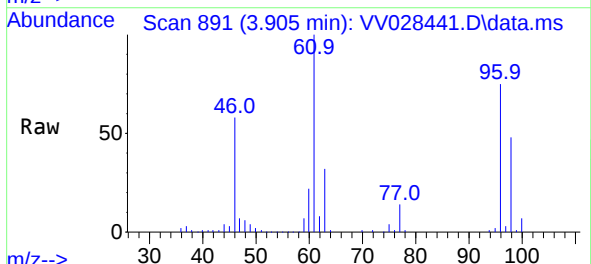
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

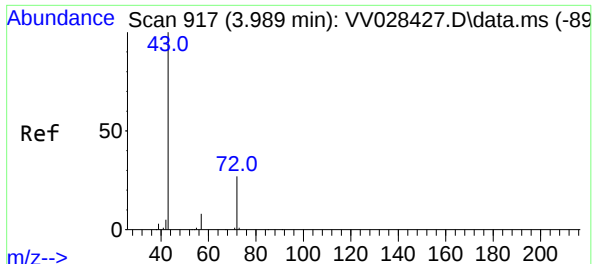
Tgt Ion: 63 Resp: 228955
Ion Ratio Lower Upper
63 100
65 32.1 22.6 42.0
83 13.5 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 50.198 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion: 96 Resp: 130370
Ion Ratio Lower Upper
96 100
61 133.3 95.0 176.4
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 93.393 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.010 min

Lab File: VV028441.D

Acq: 08 Oct 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

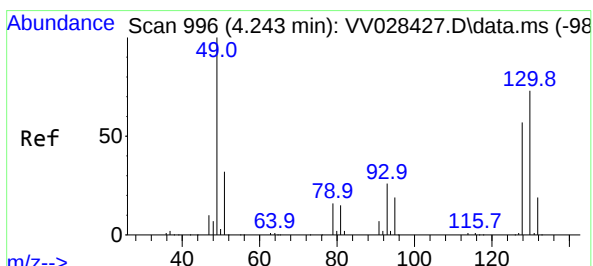
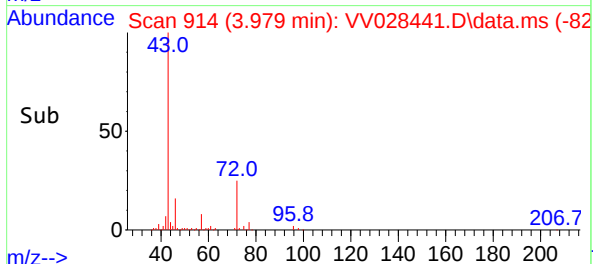
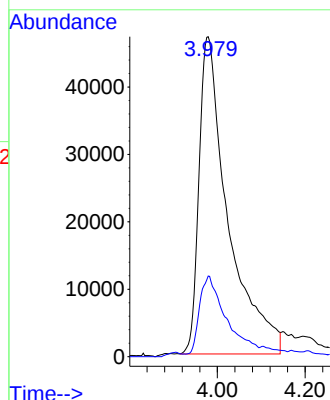
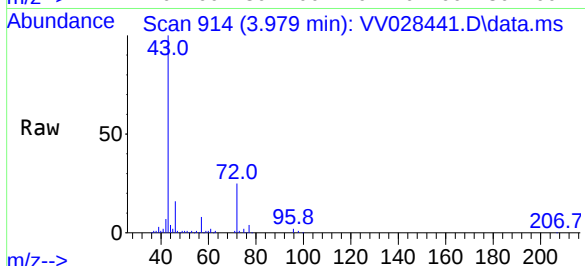
VSTD050352

Tgt Ion: 43 Resp: 215268

Ion Ratio Lower Upper

43 100

72 22.2 11.1 33.1



#23

Bromochloromethane

Concen: 52.266 ug/L

RT: 4.239 min Scan# 995

Delta R.T. -0.003 min

Lab File: VV028441.D

Acq: 08 Oct 2022 16:36

Tgt Ion: 128 Resp: 65966

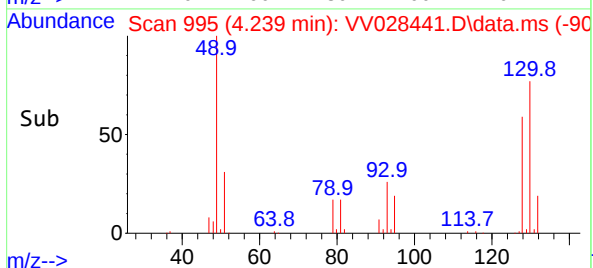
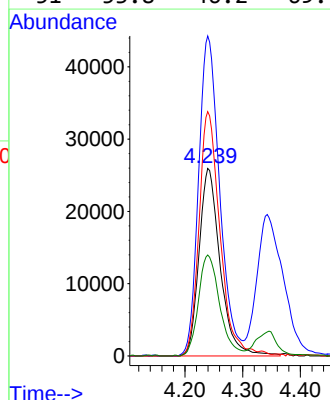
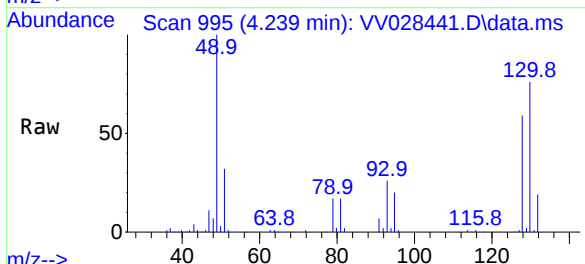
Ion Ratio Lower Upper

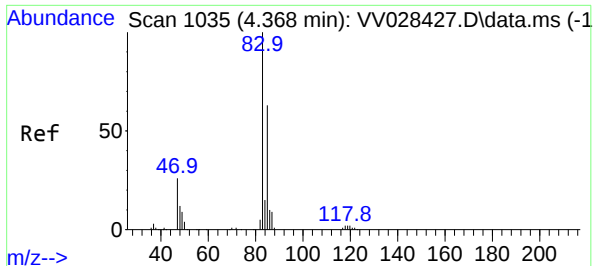
128 100

49 170.6 130.6 242.6

130 130.3 90.0 167.2

51 53.8 46.2 69.4





#25

Chloroform

Concen: 51.725 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VV028441.D

Acq: 08 Oct 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

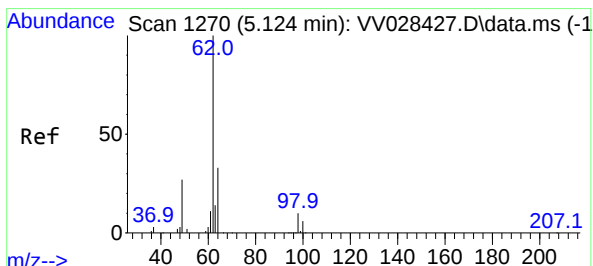
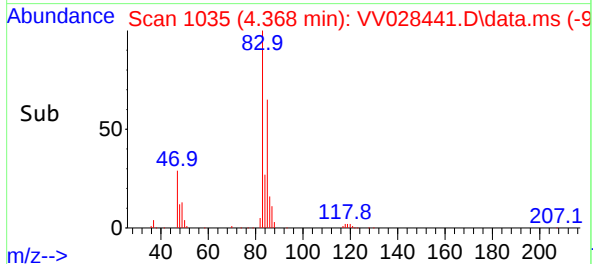
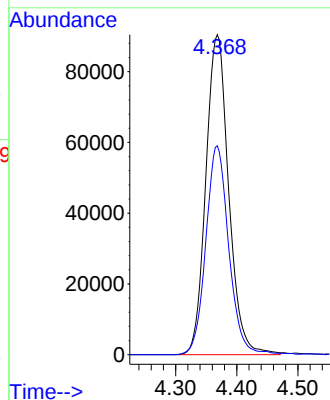
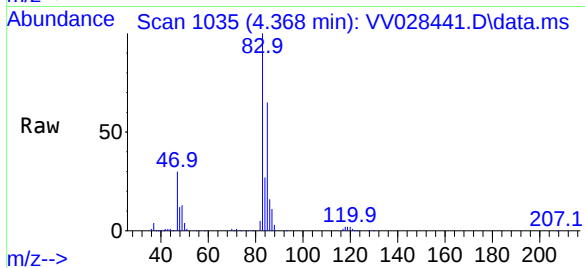
VSTD050352

Tgt Ion: 83 Resp: 235165

Ion Ratio Lower Upper

83 100

85 65.3 44.5 82.7



#27

1,2-Dichloroethane

Concen: 53.454 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VV028441.D

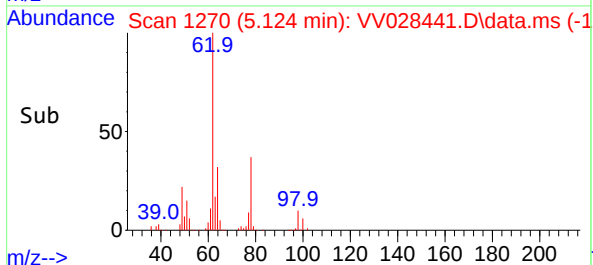
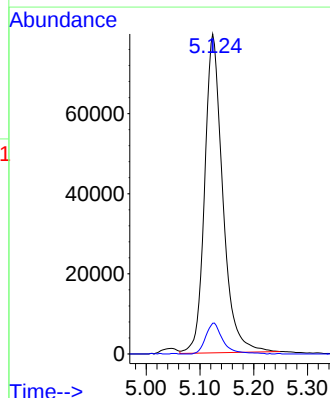
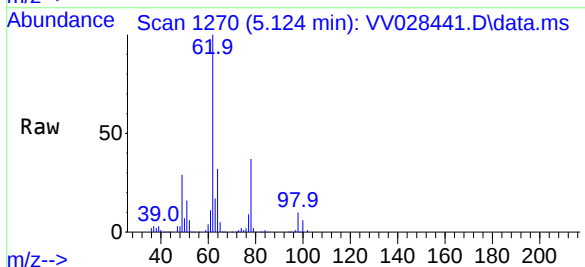
Acq: 08 Oct 2022 16:36

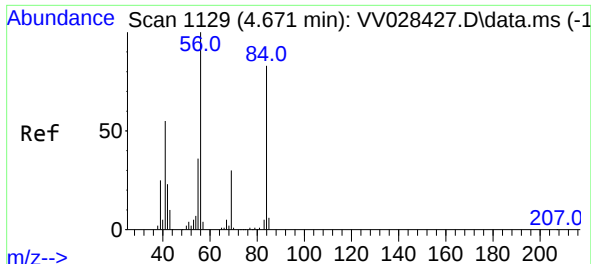
Tgt Ion: 62 Resp: 186204

Ion Ratio Lower Upper

62 100

98 9.6 7.6 11.4





#29

Cyclohexane

Concen: 48.680 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV028441.D

Acq: 08 Oct 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

VSTD050352

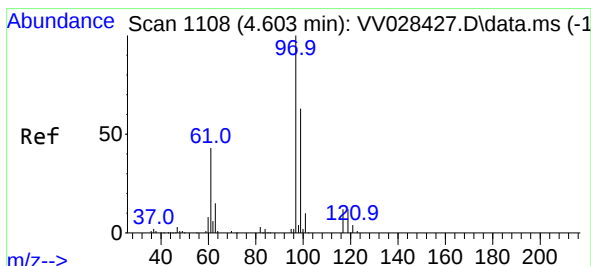
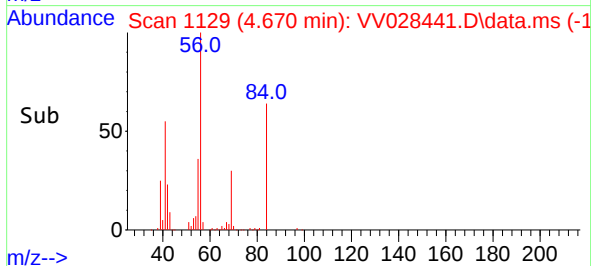
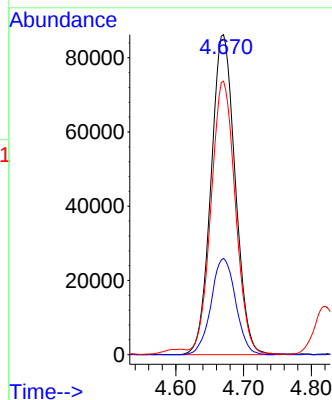
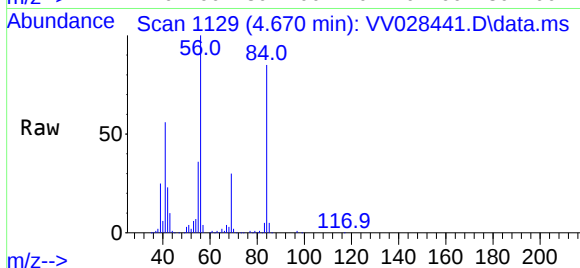
Tgt Ion: 56 Resp: 213683

Ion Ratio Lower Upper

56 100

69 30.5 23.0 34.6

84 85.0 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 53.877 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV028441.D

Acq: 08 Oct 2022 16:36

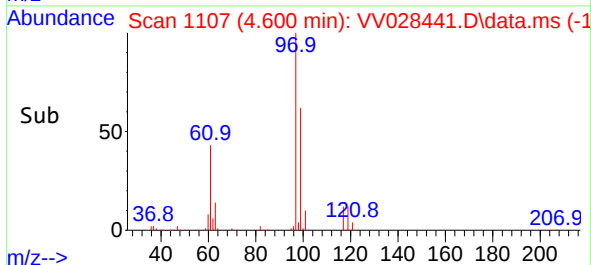
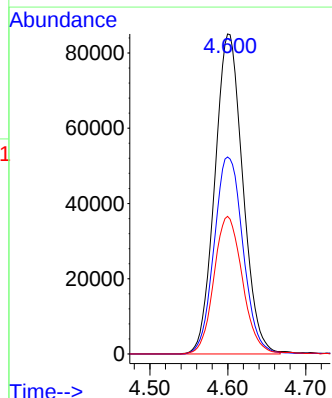
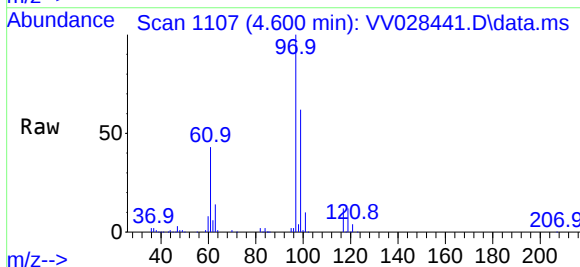
Tgt Ion: 97 Resp: 212408

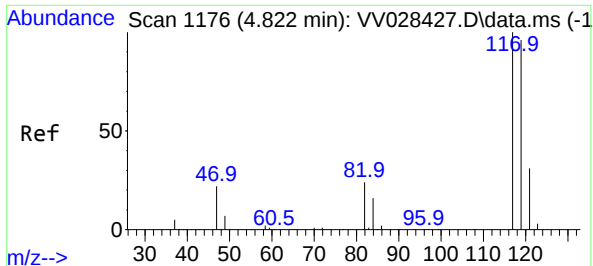
Ion Ratio Lower Upper

97 100

99 63.7 50.2 75.2

61 43.9 35.8 53.6

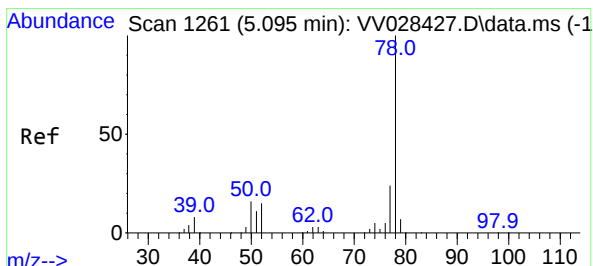
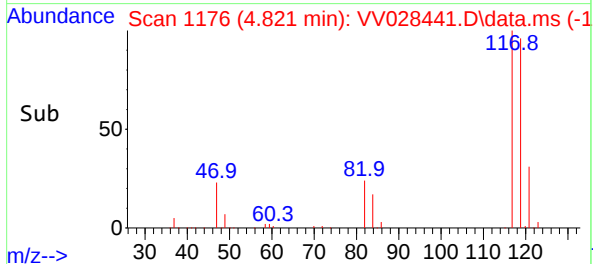
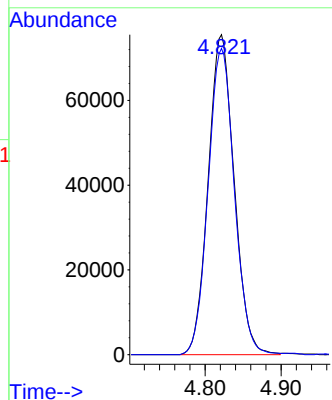
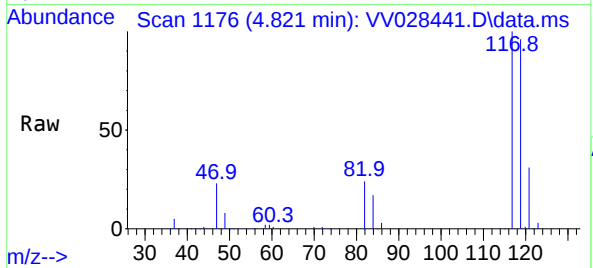




#31
Carbon tetrachloride
Concen: 54.257 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

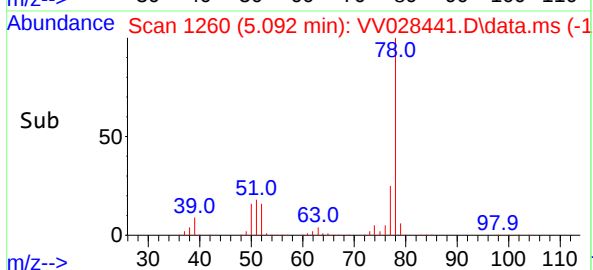
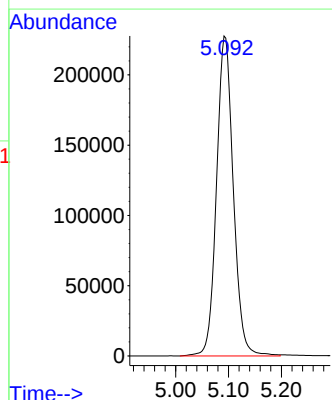
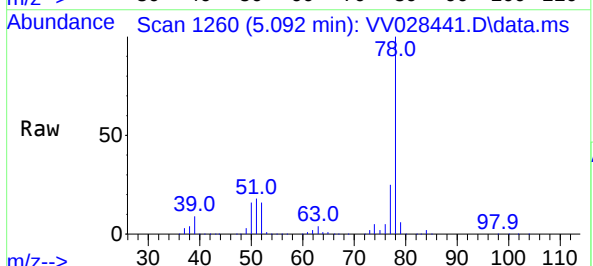
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

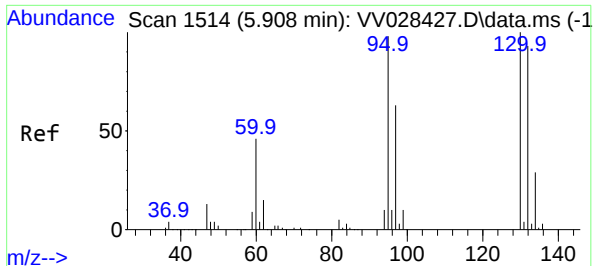
Tgt Ion:117 Resp: 179061
Ion Ratio Lower Upper
117 100
119 96.7 78.0 117.0



#33
Benzene
Concen: 50.111 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion: 78 Resp: 502968

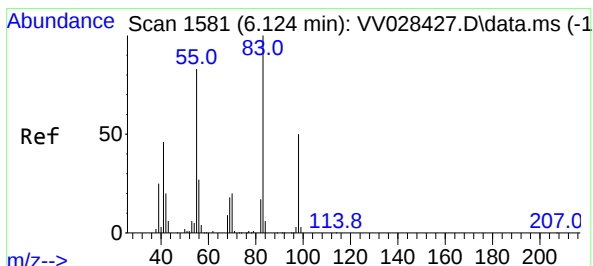
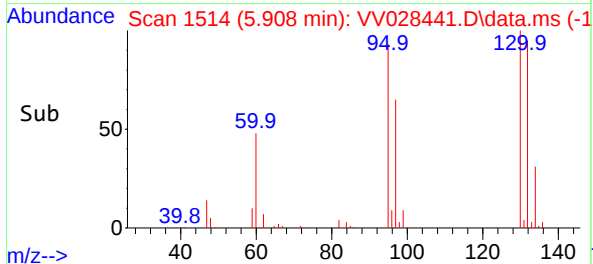
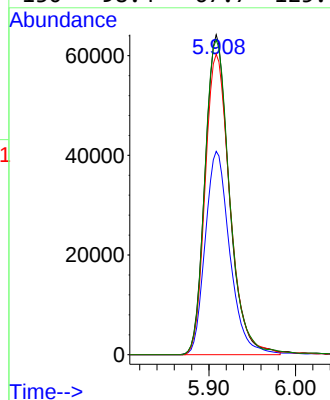
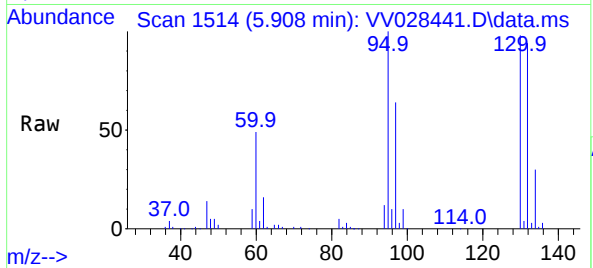




#34
Trichloroethene
Concen: 50.211 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

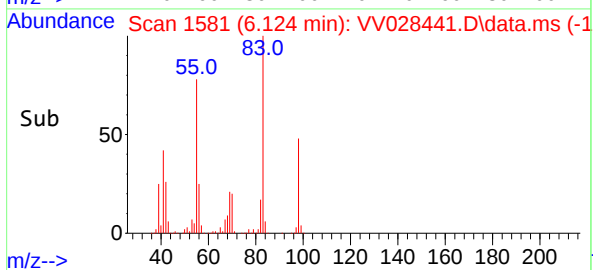
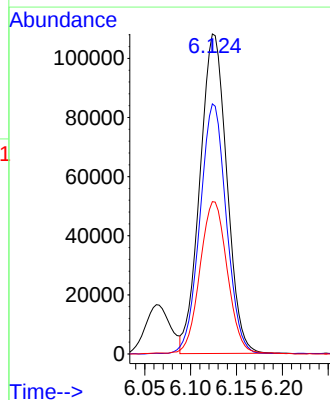
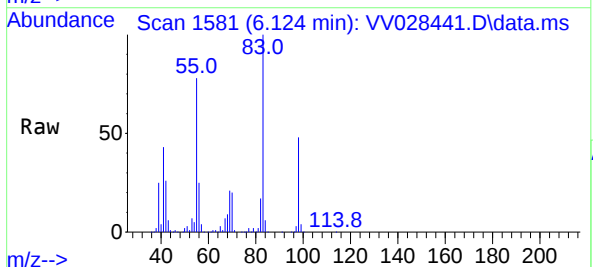
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

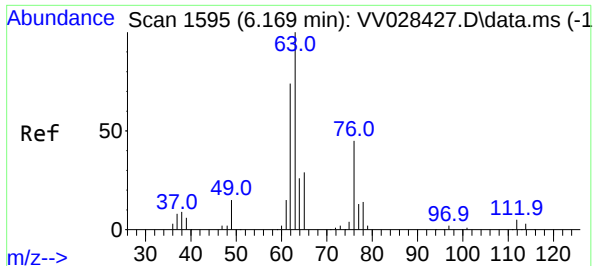
Tgt Ion: 95 Resp: 125022
Ion Ratio Lower Upper
95 100
97 63.6 44.4 82.4
132 93.9 64.3 119.5
130 98.4 67.7 125.7



#35
Methylcyclohexane
Concen: 50.902 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion: 83 Resp: 220346
Ion Ratio Lower Upper
83 100
55 76.7 63.7 95.5
98 48.4 38.2 57.2

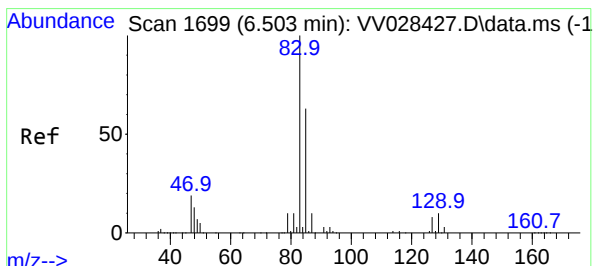
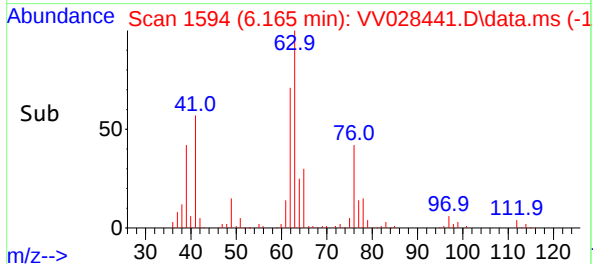
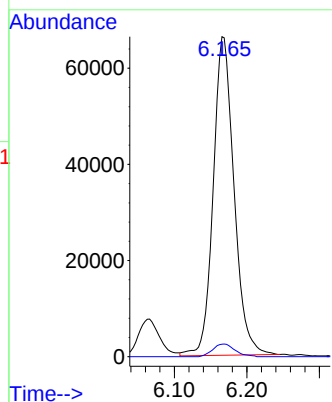
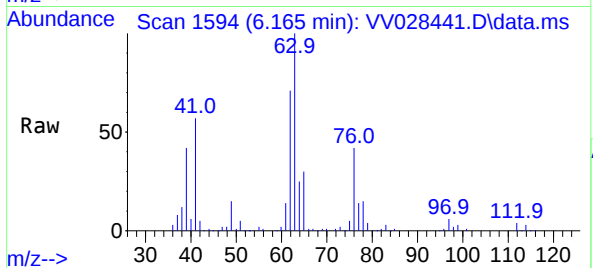




#37
1,2-Dichloropropane
Concen: 49.087 ug/L
RT: 6.165 min Scan# 1594
Delta R.T. -0.003 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

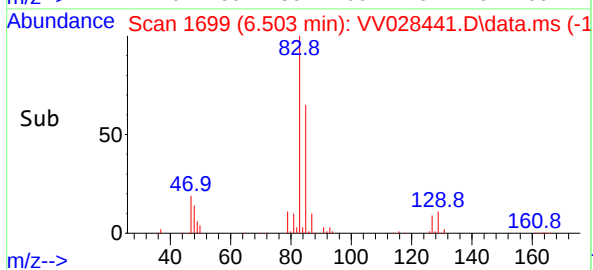
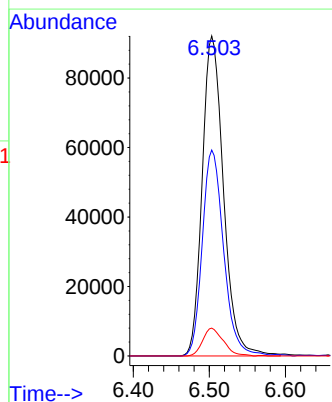
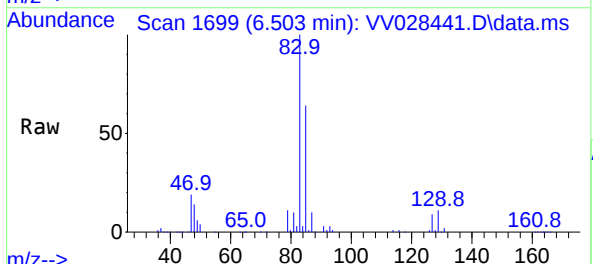
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

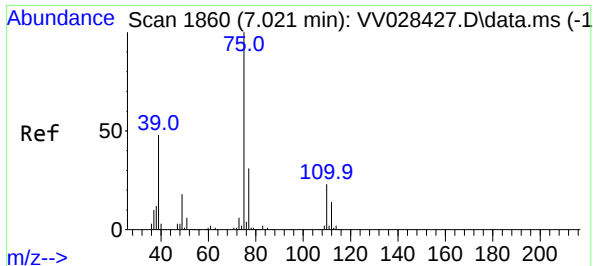
Tgt Ion: 63 Resp: 132089
Ion Ratio Lower Upper
63 100
112 4.3 3.5 5.3



#38
Bromodichloromethane
Concen: 51.187 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion: 83 Resp: 179450
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.7
127 8.7 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 49.317 ug/L

RT: 7.021 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV028441.D

Acq: 08 Oct 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

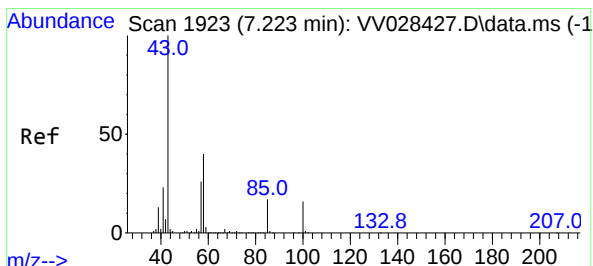
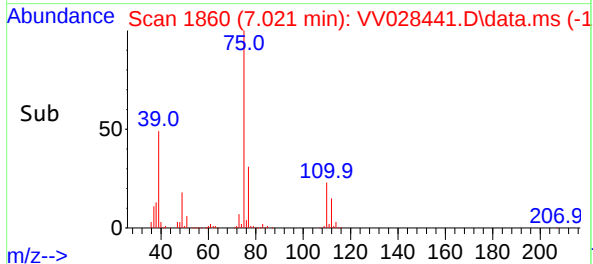
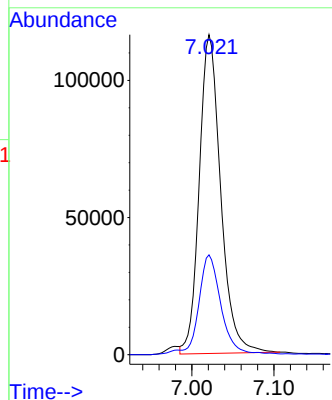
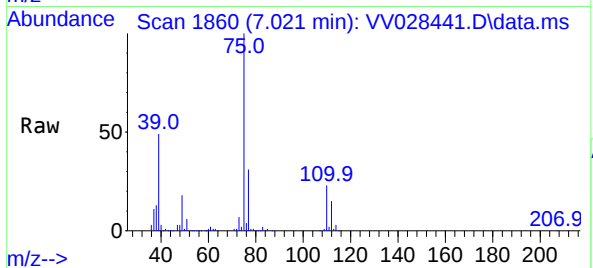
VSTD050352

Tgt Ion: 75 Resp: 211120

Ion Ratio Lower Upper

75 100

77 31.2 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 94.263 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV028441.D

Acq: 08 Oct 2022 16:36

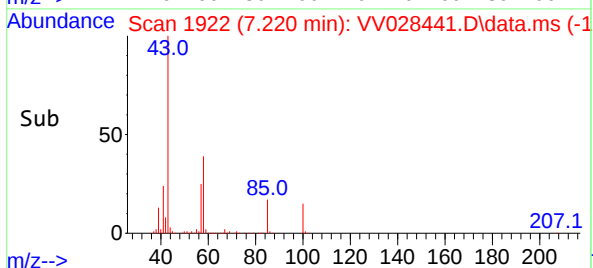
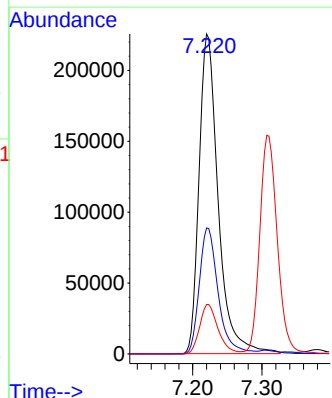
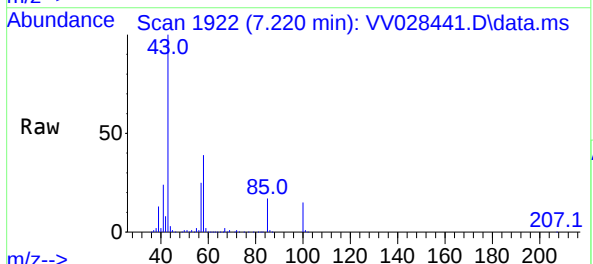
Tgt Ion: 43 Resp: 432610

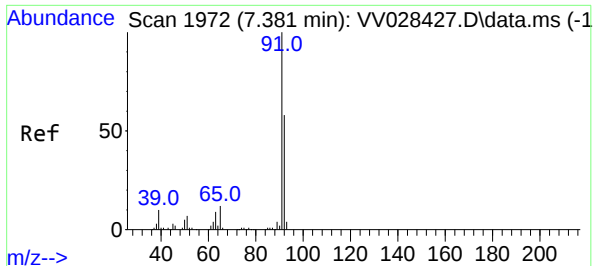
Ion Ratio Lower Upper

43 100

58 39.0 31.3 46.9

100 15.0 11.5 17.3

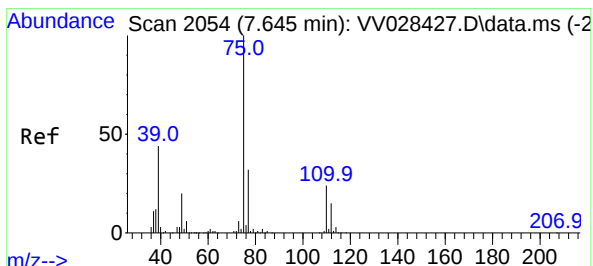
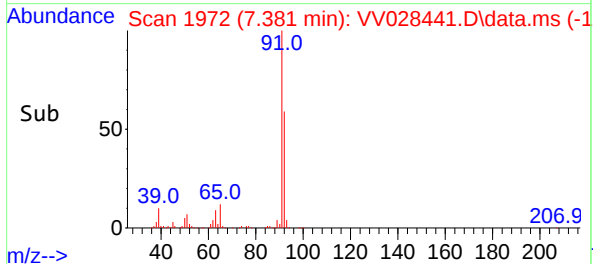
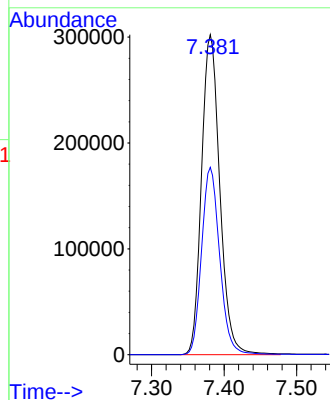
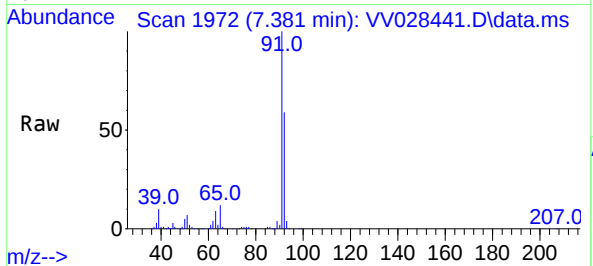




#42
Toluene
Concen: 51.249 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

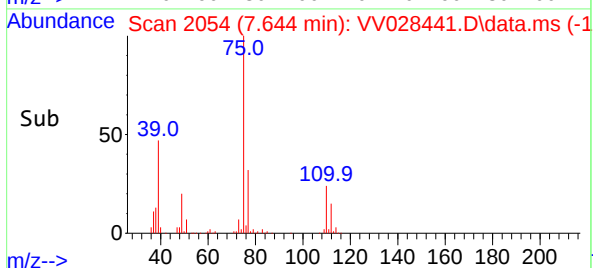
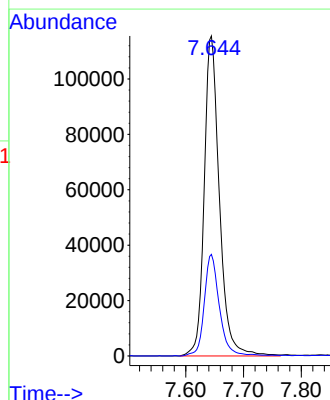
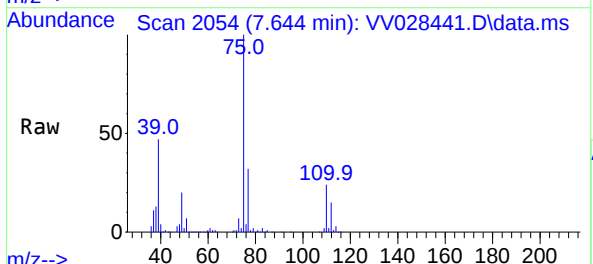
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

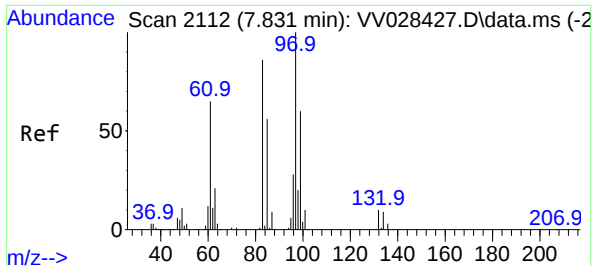
Tgt Ion: 91 Resp: 530212
Ion Ratio Lower Upper
91 100
92 58.6 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 51.462 ug/L
RT: 7.644 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion: 75 Resp: 211435
Ion Ratio Lower Upper
75 100
77 31.8 21.8 40.4



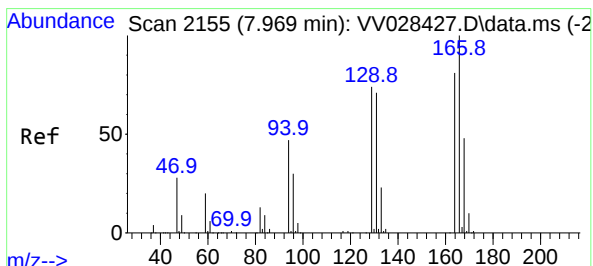
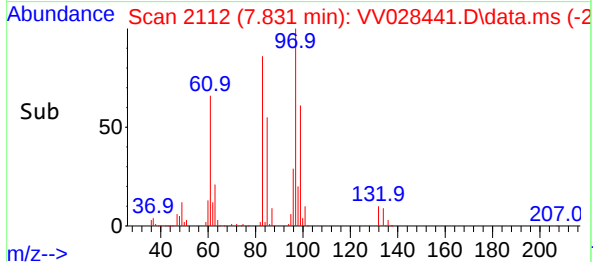
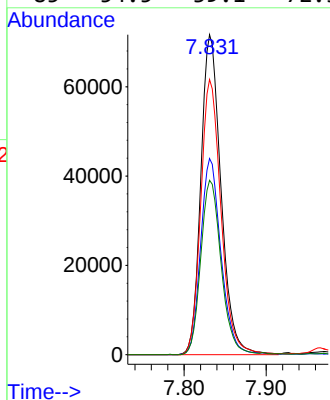
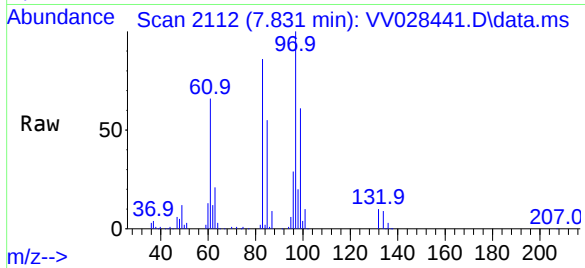


#45
1,1,2-Trichloroethane
Concen: 49.114 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

Tgt Ion: 97 Resp: 122413

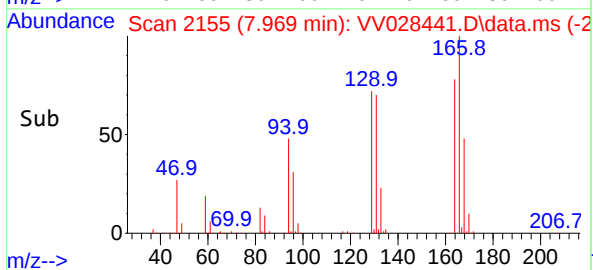
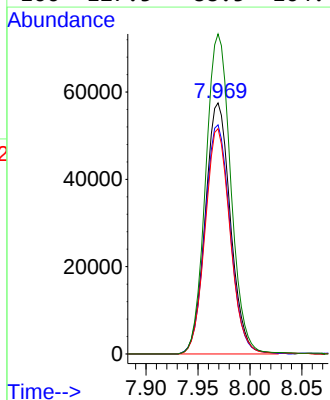
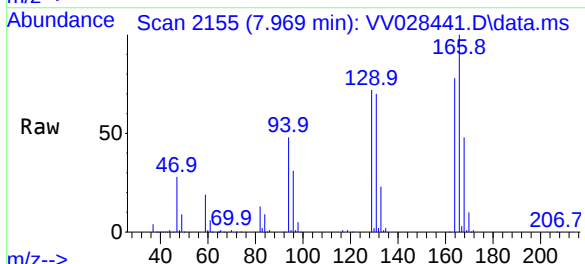
Ion	Ratio	Lower	Upper
97	100		
99	61.3	43.9	81.5
83	86.0	61.9	114.9
85	54.5	39.1	72.5

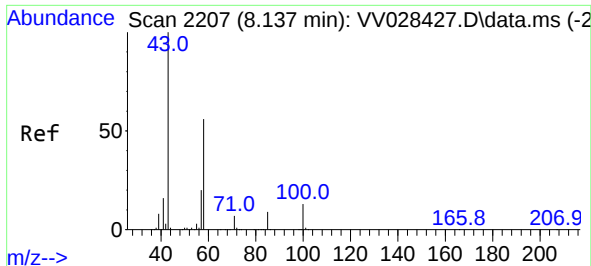


#46
Tetrachloroethene
Concen: 54.182 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion: 164 Resp: 96939

Ion	Ratio	Lower	Upper
164	100		
129	91.3	67.4	125.2
131	89.7	65.2	121.2
166	127.5	88.5	164.4

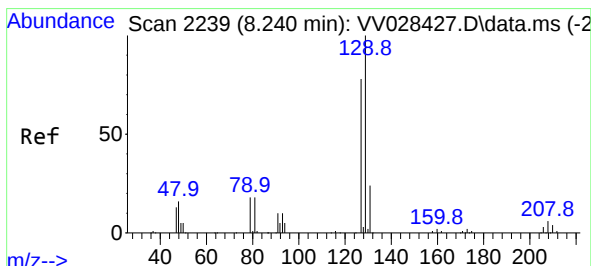
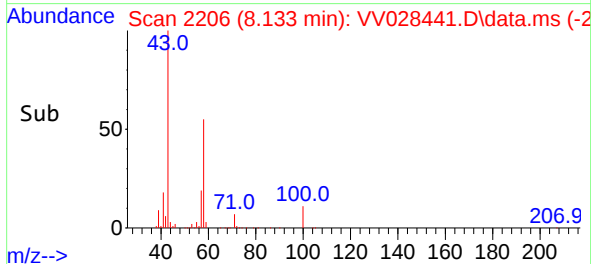
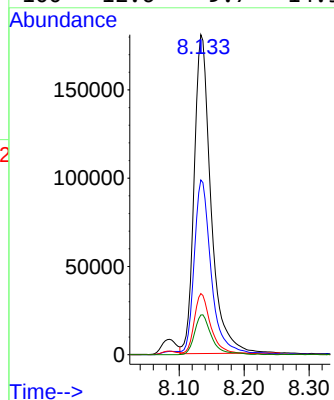
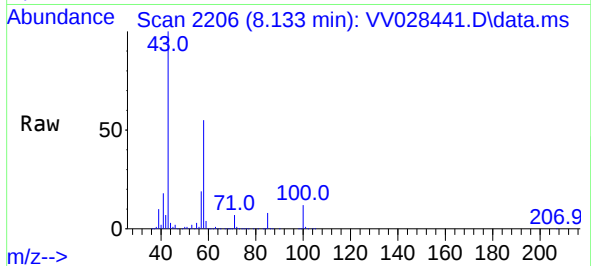




#48
2-Hexanone
Concen: 92.640 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

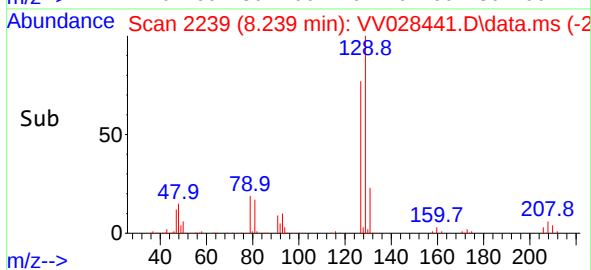
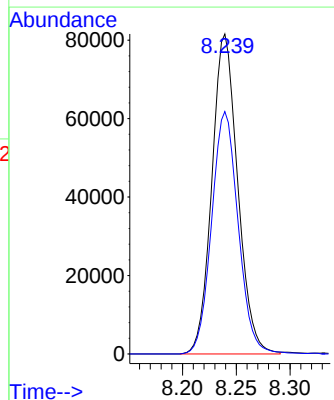
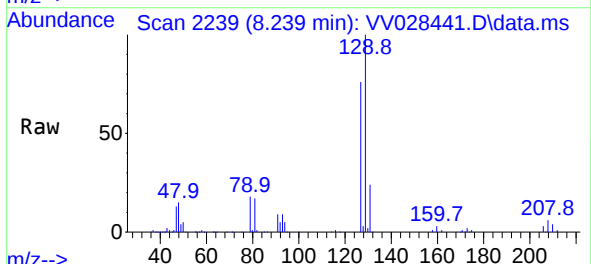
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

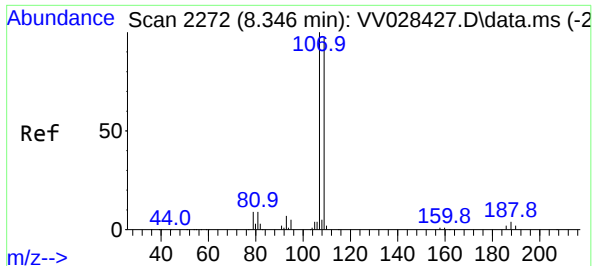
Tgt Ion: 43 Resp: 326392
Ion Ratio Lower Upper
43 100
58 53.8 43.9 65.9
57 18.4 15.1 22.7
100 12.6 9.7 14.5



#49
Dibromochloromethane
Concen: 50.983 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion: 129 Resp: 136588
Ion Ratio Lower Upper
129 100
127 75.7 53.6 99.6

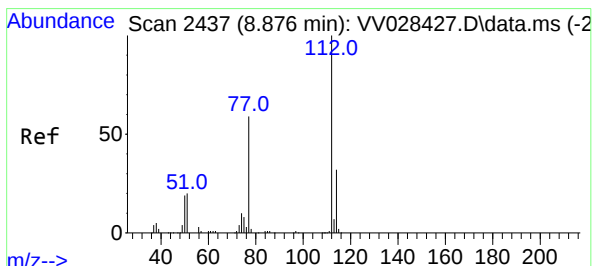
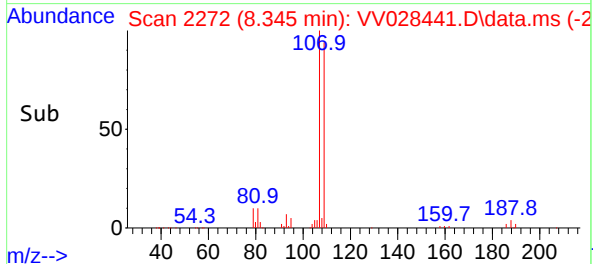
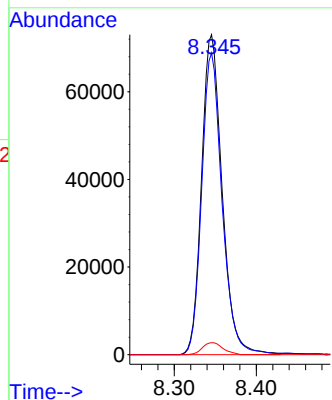
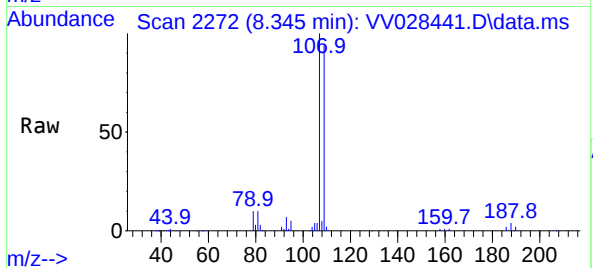




#50
1,2-Dibromoethane
Concen: 49.240 ug/L
RT: 8.345 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

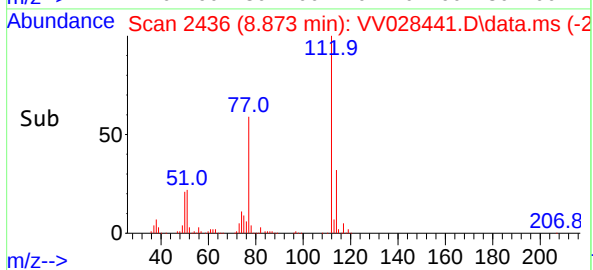
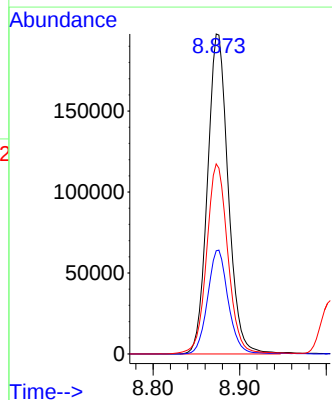
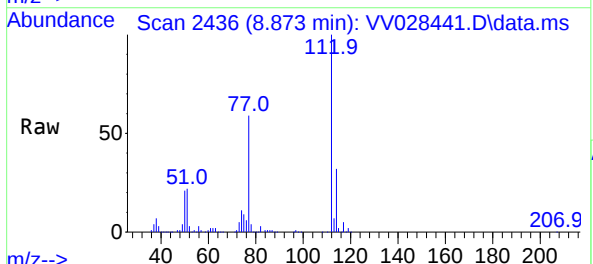
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

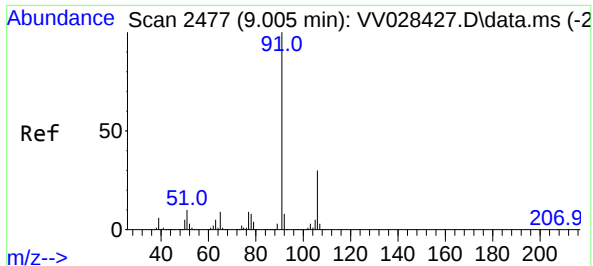
Tgt Ion:107 Resp: 127076
Ion Ratio Lower Upper
107 100
109 94.3 65.9 122.5
188 3.8 3.0 4.4



#51
Chlorobenzene
Concen: 50.568 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. -0.003 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion:112 Resp: 328236
Ion Ratio Lower Upper
112 100
114 32.2 21.7 40.3
77 59.4 48.7 73.1

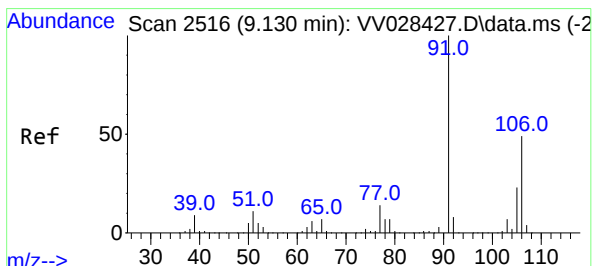
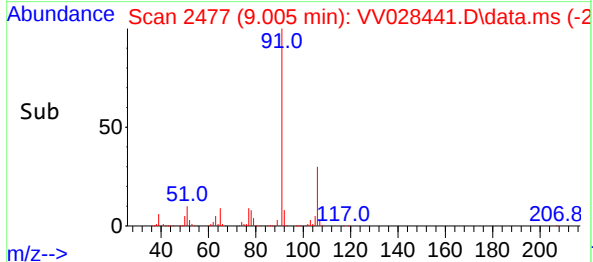
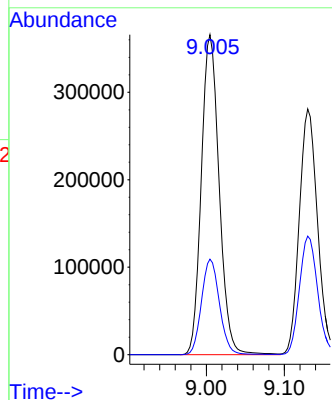
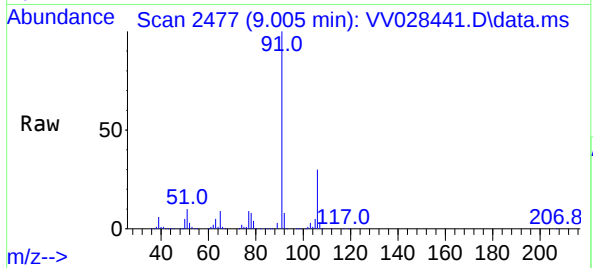




#52
Ethylbenzene
Concen: 51.613 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

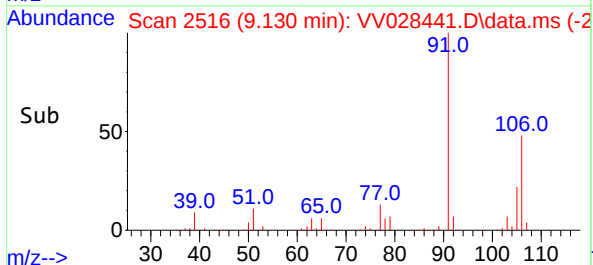
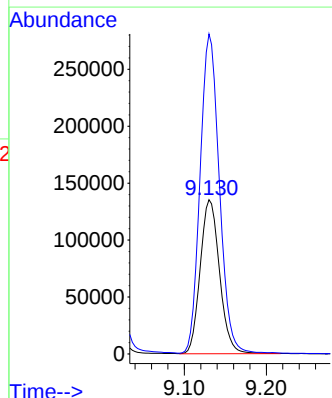
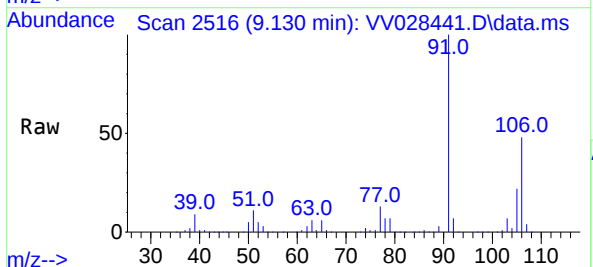
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

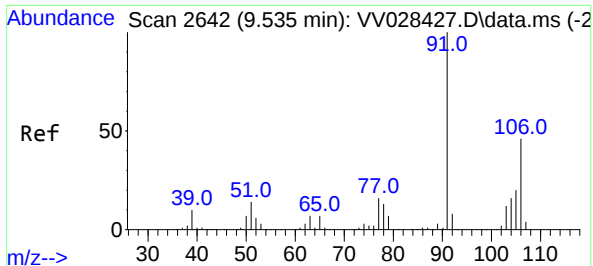
Tgt Ion: 91 Resp: 581995
Ion Ratio Lower Upper
91 100
106 29.8 21.4 39.8



#53
m,p-Xylene
Concen: 51.583 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion: 106 Resp: 220467
Ion Ratio Lower Upper
106 100
91 207.4 145.2 269.6

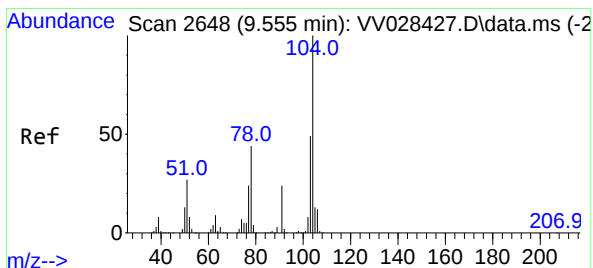
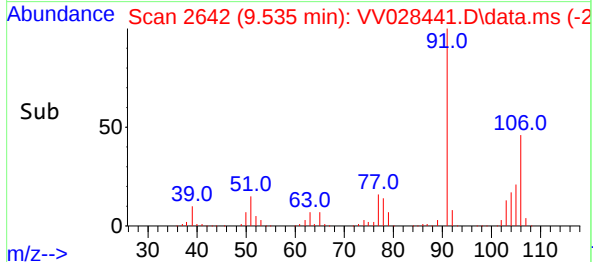
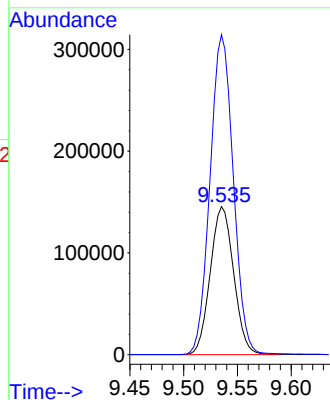
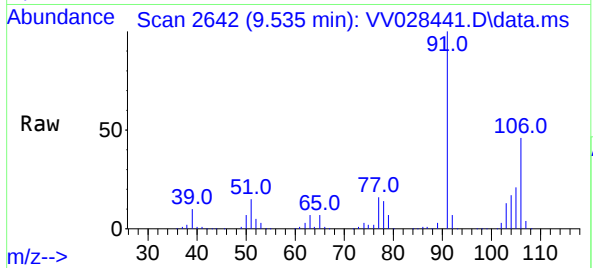




#54
o-Xylene
Concen: 51.551 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

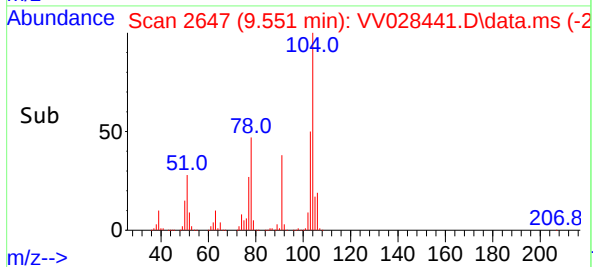
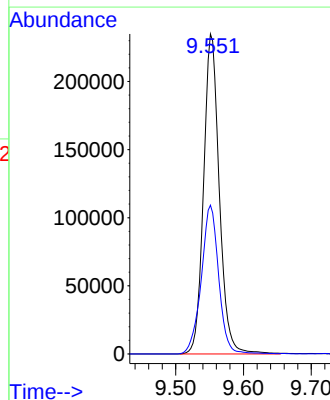
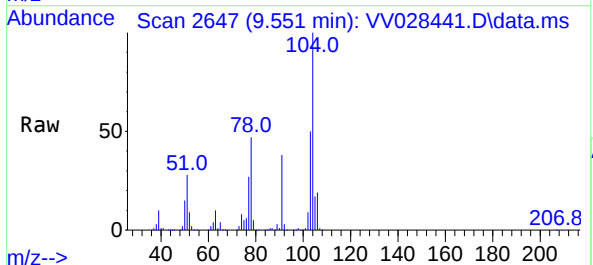
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

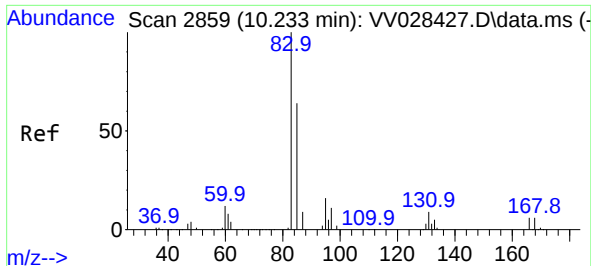
Tgt Ion:106 Resp: 220612
Ion Ratio Lower Upper
106 100
91 216.1 152.5 283.3



#55
Styrene
Concen: 51.463 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.003 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion:104 Resp: 378216
Ion Ratio Lower Upper
104 100
78 46.5 31.9 59.2

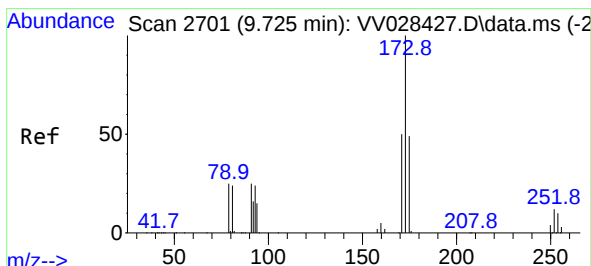
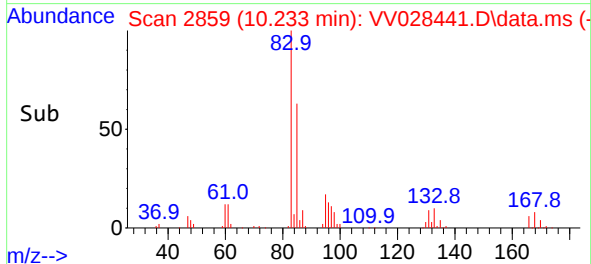
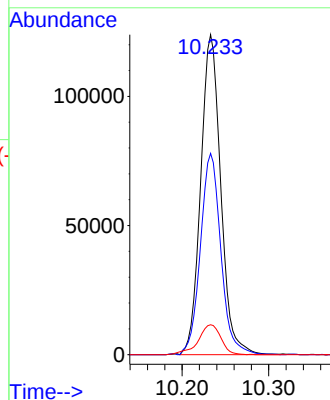
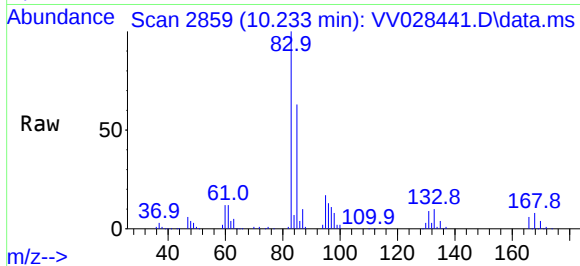




#57
1,1,2,2-Tetrachloroethane
Concen: 46.713 ug/L
RT: 10.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

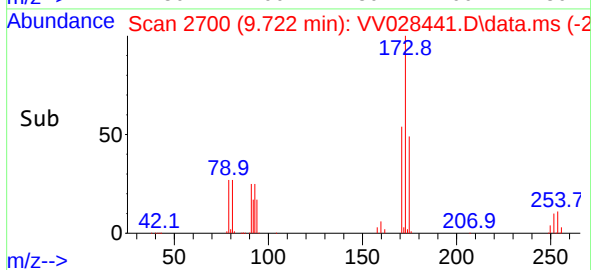
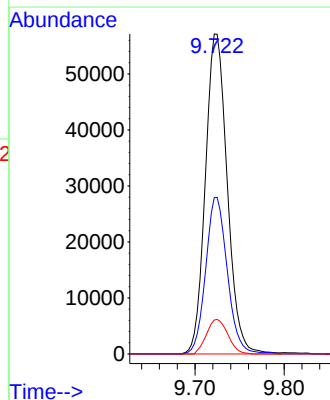
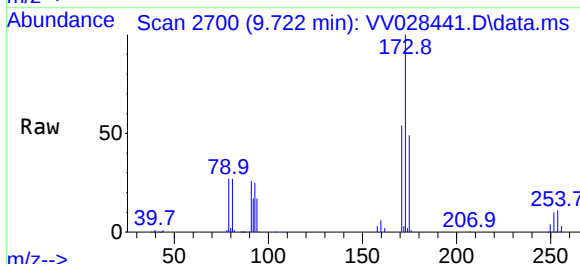
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

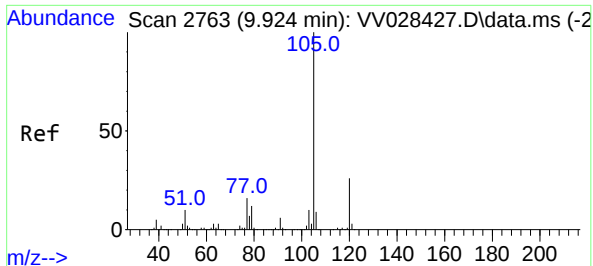
Tgt Ion: 83 Resp: 199392
Ion Ratio Lower Upper
83 100
85 62.9 44.8 83.2
131 9.4 7.2 10.8



#59
Bromoform
Concen: 48.951 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion: 173 Resp: 97372
Ion Ratio Lower Upper
173 100
175 48.2 38.6 57.8
254 10.5 8.4 12.6

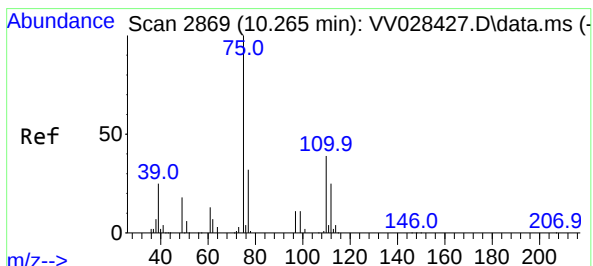
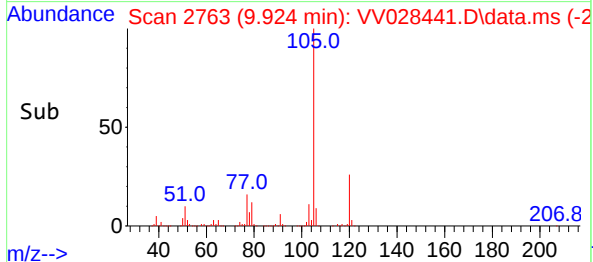
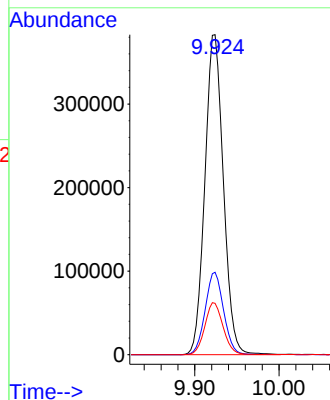
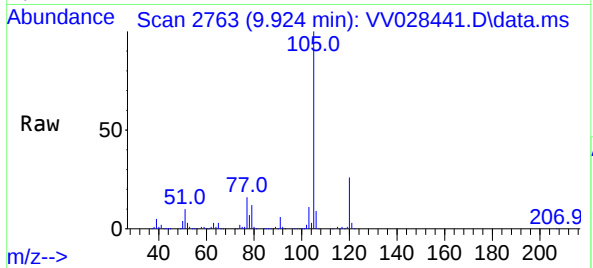




#60
Isopropylbenzene
Concen: 50.639 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

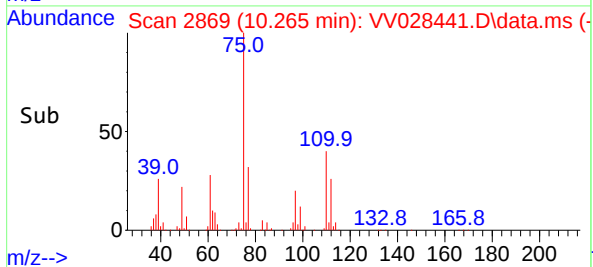
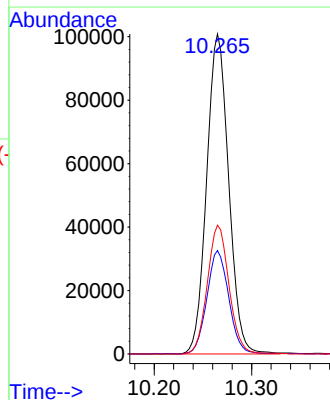
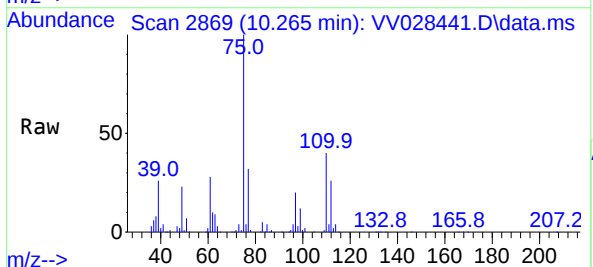
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

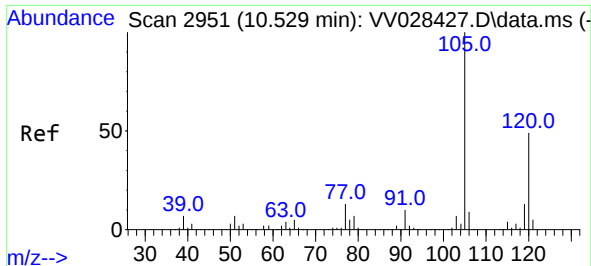
Tgt Ion:105 Resp: 586138
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 16.1 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 46.294 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion: 75 Resp: 158307
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
110 39.8 30.0 45.0

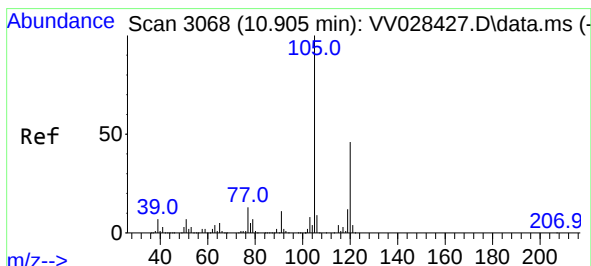
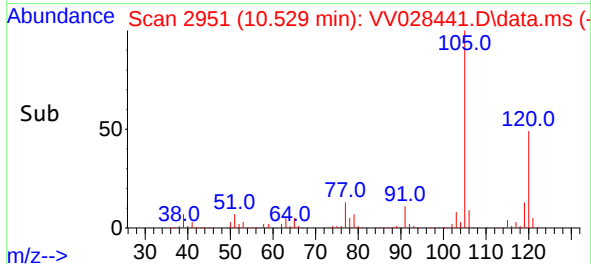
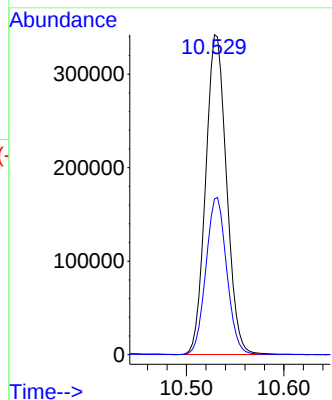
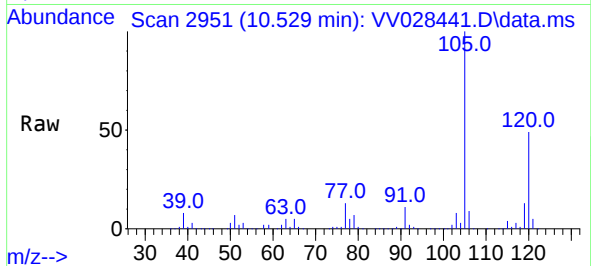




#62
1,3,5-Trimethylbenzene
Concen: 50.781 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

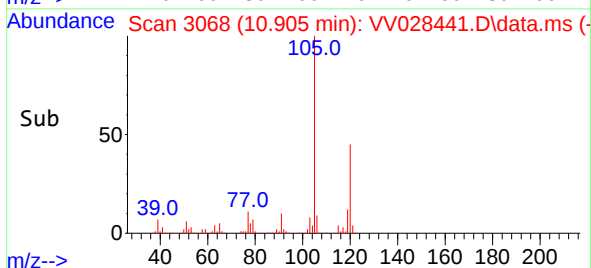
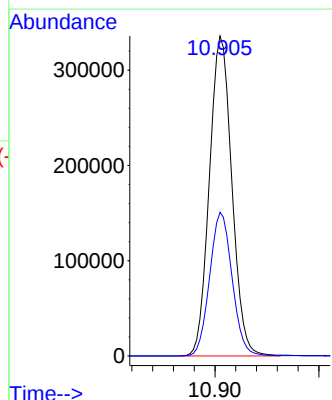
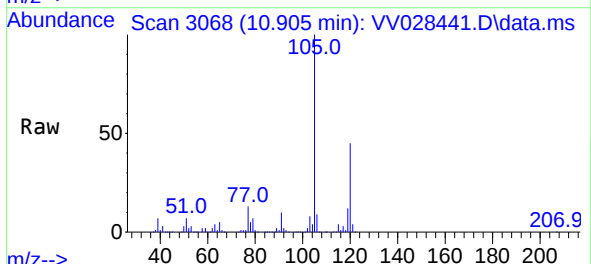
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

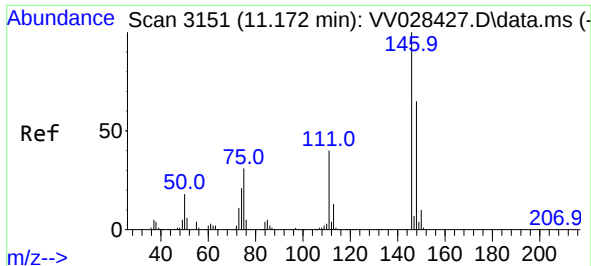
Tgt Ion:105 Resp: 509067
Ion Ratio Lower Upper
105 100
120 49.1 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 50.643 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion:105 Resp: 503922
Ion Ratio Lower Upper
105 100
120 44.9 35.9 53.9

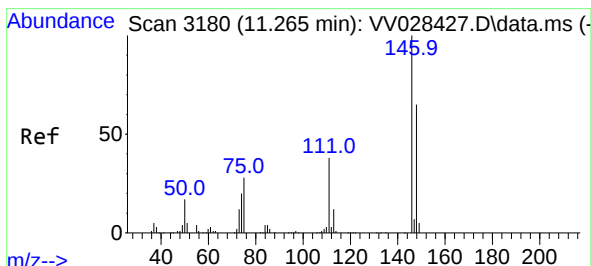
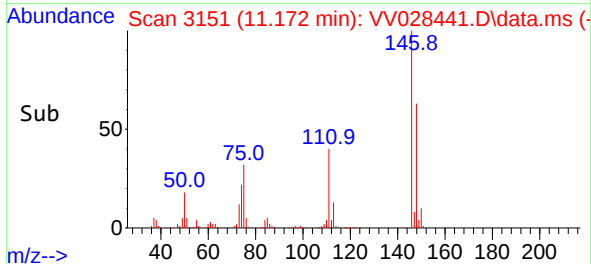
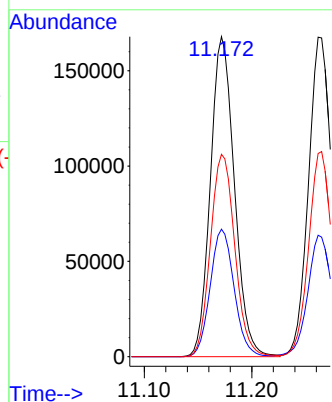
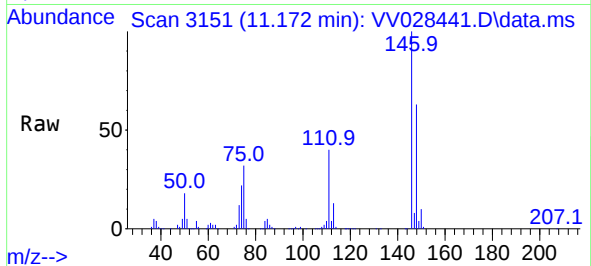




#64
1,3-Dichlorobenzene
Concen: 51.422 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

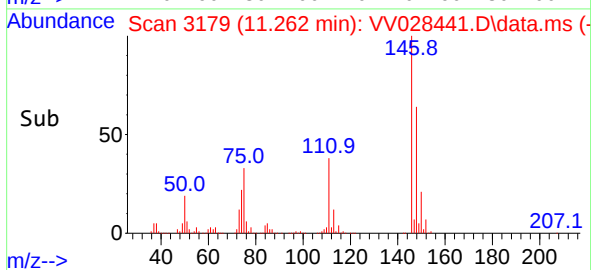
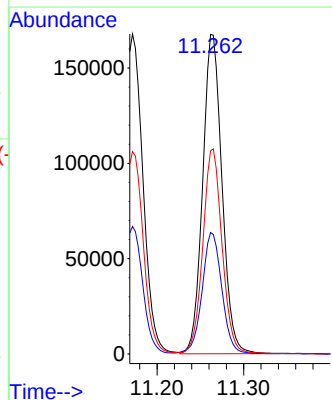
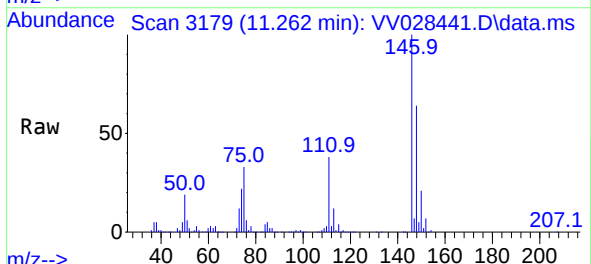
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

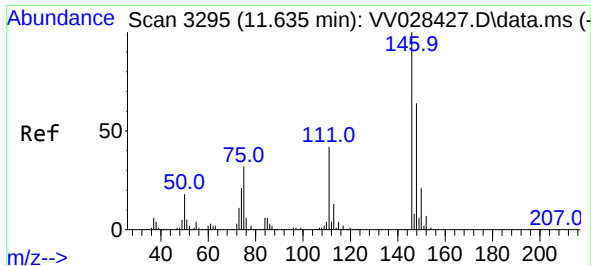
Tgt Ion:146 Resp: 260327
Ion Ratio Lower Upper
146 100
111 39.9 29.0 53.9
148 63.2 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 51.403 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.003 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion:146 Resp: 259664
Ion Ratio Lower Upper
146 100
111 38.0 26.6 49.4
148 63.6 43.4 80.6

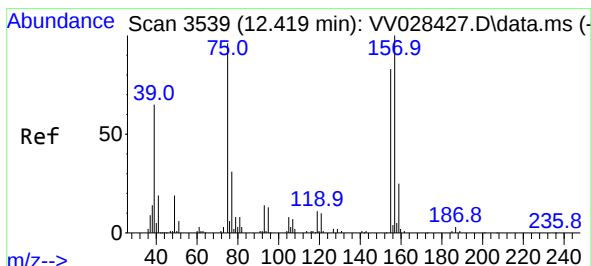
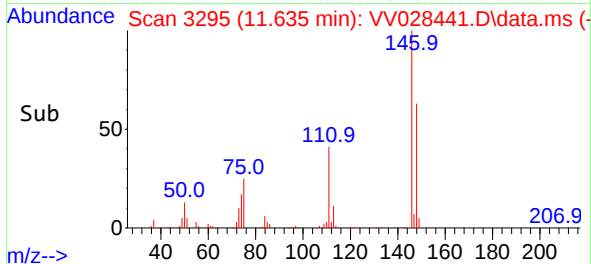
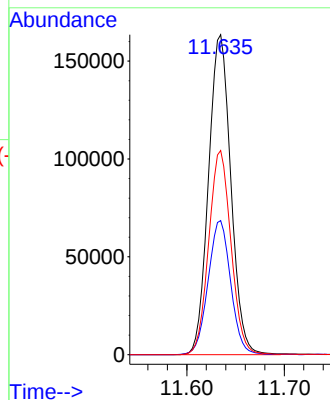
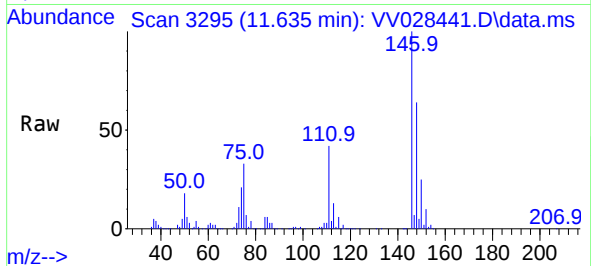




#67
1,2-Dichlorobenzene
Concen: 50.993 ug/L
RT: 11.635 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

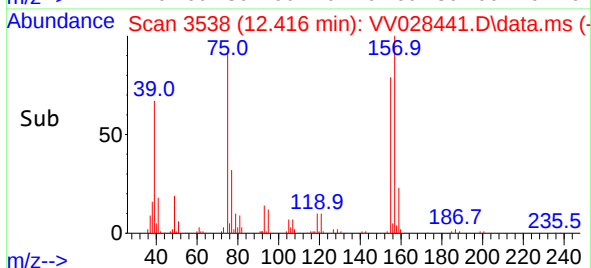
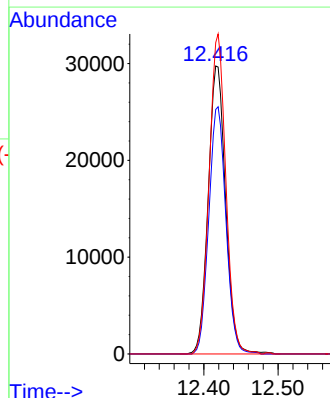
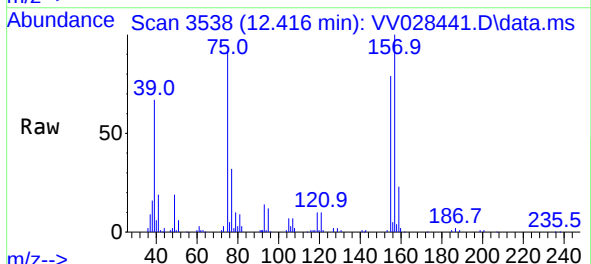
Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

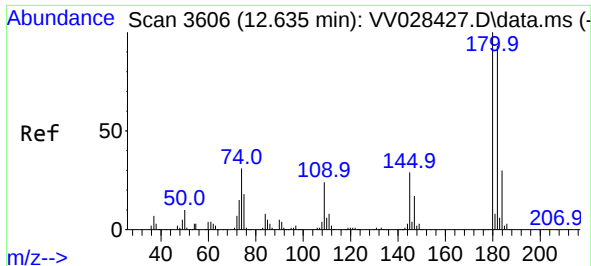
Tgt Ion:146 Resp: 260554
Ion Ratio Lower Upper
146 100
111 41.9 33.9 50.9
148 63.8 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 46.308 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. -0.003 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion: 75 Resp: 48460
Ion Ratio Lower Upper
75 100
155 84.9 65.0 97.6
157 108.1 86.0 129.0



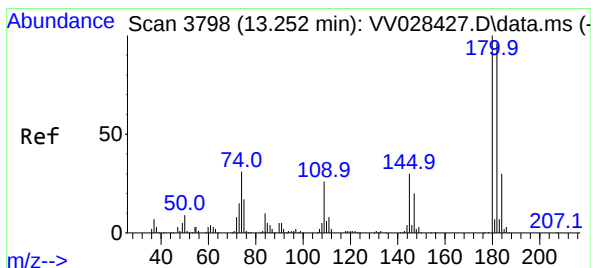
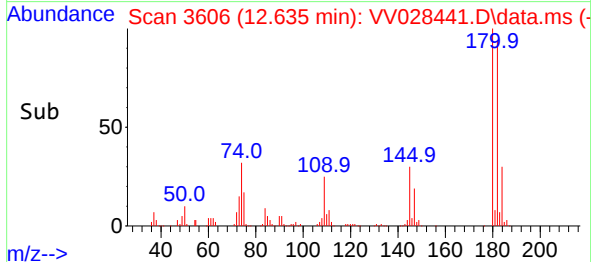
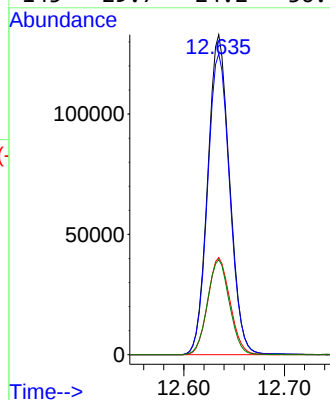
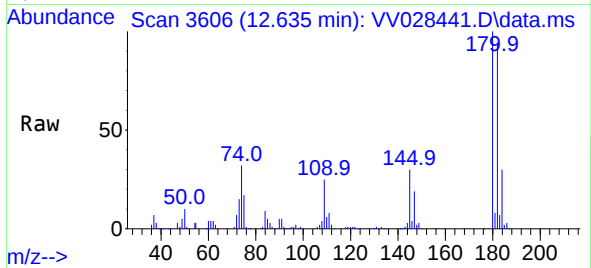


#69
 1,3,5-Trichlorobenzene
 Concen: 52.276 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. -0.000 min
 Lab File: VV028441.D
 Acq: 08 Oct 2022 16:36

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050352

Tgt Ion:180 Resp: 201005

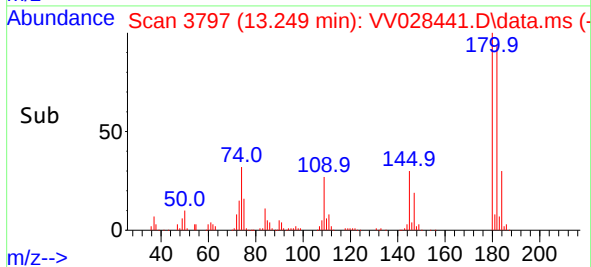
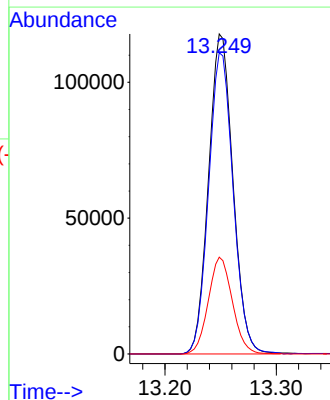
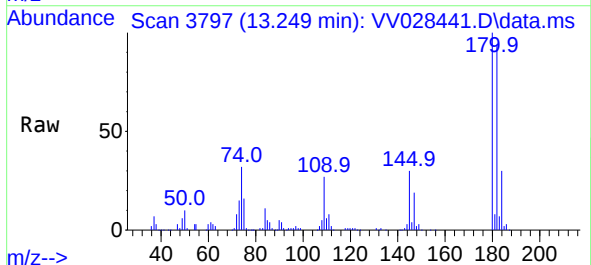
Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.9	113.9
184	30.8	24.0	36.0
145	29.7	24.2	36.4

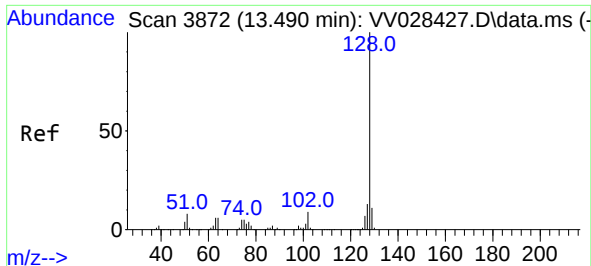


#70
 1,2,4-trichlorobenzene
 Concen: 52.799 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. -0.003 min
 Lab File: VV028441.D
 Acq: 08 Oct 2022 16:36

Tgt Ion:180 Resp: 178942

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.3	112.9
145	29.9	24.3	36.5

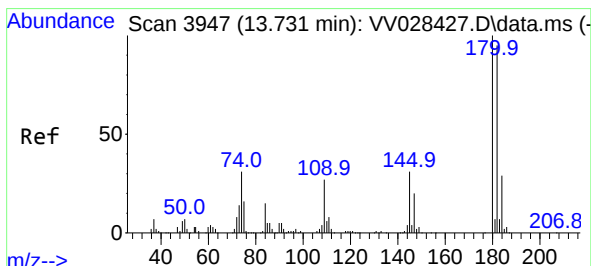
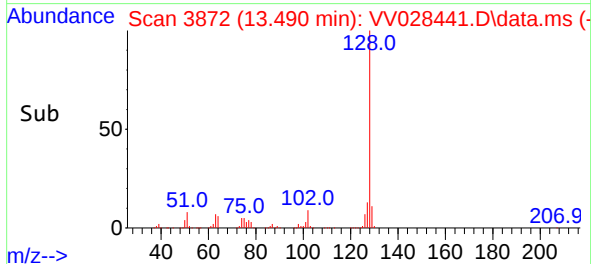
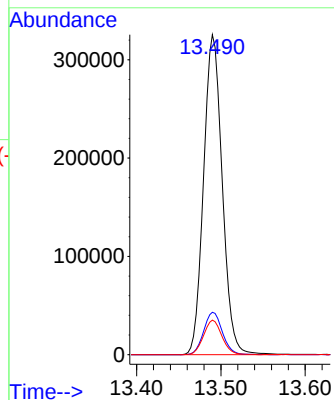
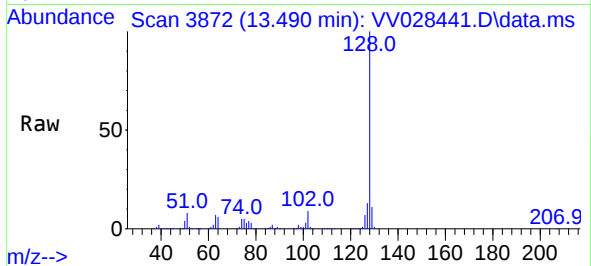




#71
Naphthalene
Concen: 47.701 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Instrument :
MSVOA_V
ClientSampleId :
VSTD050352

Tgt Ion:128 Resp: 502829
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.7 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 52.397 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VV028441.D
Acq: 08 Oct 2022 16:36

Tgt Ion:180 Resp: 173132
Ion Ratio Lower Upper
180 100
182 95.1 75.4 113.0
145 32.2 26.5 39.7

