

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021723\
 Data File : VW025345.D
 Acq On : 17 Feb 2023 15:01
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025541

Quant Time: Feb 18 01:22:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 15 22:06:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	338016	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	303355	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	158954	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	81608	24.949	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.800%
7) Chloroethane-d5	2.899	69	51504	17.734	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.920%
11) 1,1-Dichloroethene-d2	4.027	63	206158	22.730	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.920%
21) 2-Butanone-d5	7.075	46	43803	51.586	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.180%
24) Chloroform-d	7.648	84	203114	22.926	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.720%
26) 1,2-Dichloroethane-d4	8.307	65	106024	24.568	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.280%
32) Benzene-d6	8.270	84	395417	21.506	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.040%
36) 1,2-Dichloropropane-d6	9.270	67	104752	19.472	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.880%
41) Toluene-d8	10.318	98	366324	22.289	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.160%
43) trans-1,3-Dichloroprop...	10.575	79	50897	25.320	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.280%
47) 2-Hexanone-d5	10.922	63	36193	60.006	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	88569	24.210	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	116756	21.171	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.027	85	79796	17.446	ug/L	97
3) Chloromethane	2.222	50	94326	21.485	ug/L	97
5) Vinyl chloride	2.375	62	108657	24.301	ug/L	95
6) Bromomethane	2.783	94	64463	21.056	ug/L	99
8) Chloroethane	2.930	64	52562	18.830	ug/L	98
9) Trichlorofluoromethane	3.265	101	127361	19.802	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	122193	26.201	ug/L	94
12) 1,1-Dichloroethene	4.045	96	112354	24.269	ug/L	93
13) Acetone	4.112	43	44269	47.282	ug/L	98
14) Carbon disulfide	4.393	76	326142	21.558	ug/L	99
15) Methyl Acetate	4.667	43	49128	30.665	ug/L #	71
16) Methylene chloride	4.911	84	121564	21.127	ug/L	93
17) trans-1,2-Dichloroethene	5.423	96	122427	24.625	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	182086	25.477	ug/L	99
19) 1,1-Dichloroethane	6.216	63	230404	26.026	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	134812	25.825	ug/L	99
22) 2-Butanone	7.167	43	64008	56.218	ug/L	100
23) Bromochloromethane	7.514	128	58923	27.403	ug/L	98
25) Chloroform	7.673	83	242478	26.628	ug/L	98

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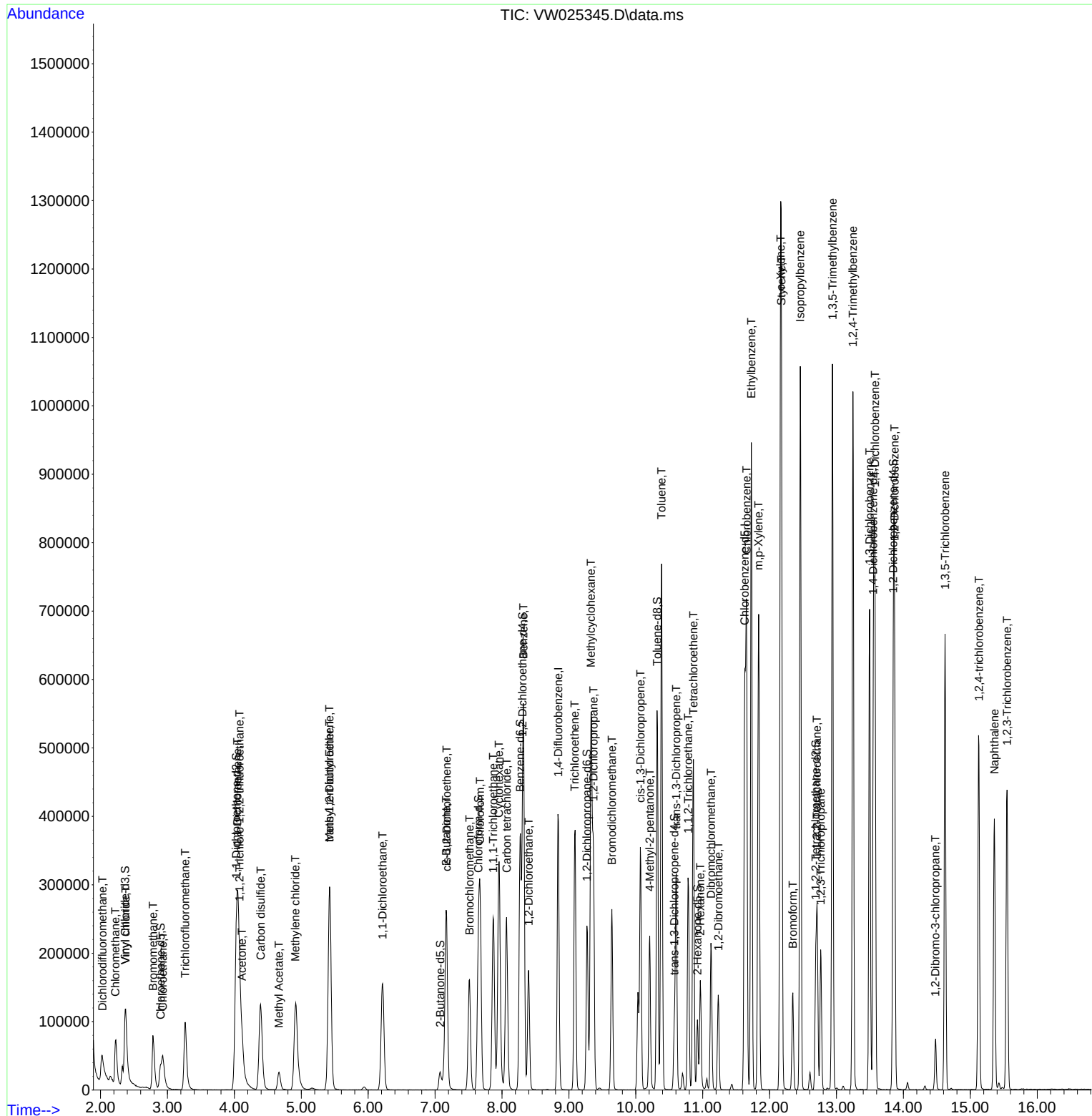
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	164867	29.727	ug/L	99
29) Cyclohexane	7.953	56	196916	22.541	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	214491	24.927	ug/L	99
31) Carbon tetrachloride	8.069	117	195408	24.553	ug/L	100
33) Benzene	8.319	78	508510	24.223	ug/L	100
34) Trichloroethene	9.087	95	139587	23.739	ug/L	92
35) Methylcyclohexane	9.331	83	236850	22.566	ug/L	100
37) 1,2-Dichloropropane	9.367	63	126297	24.393	ug/L	100
38) Bromodichloromethane	9.642	83	174901	25.405	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	212093	25.018	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	140208	61.331	ug/L	100
42) Toluene	10.386	91	551109	26.399	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	176484	29.205	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	97471	29.871	ug/L	94
46) Tetrachloroethene	10.861	164	101105	26.905	ug/L	94
48) 2-Hexanone	10.965	43	96517	66.877	ug/L	99
49) Dibromochloromethane	11.123	129	114740	31.132	ug/L	96
50) 1,2-Dibromoethane	11.233	107	91755	30.696	ug/L #	95
51) Chlorobenzene	11.654	112	361487	26.312	ug/L	98
52) Ethylbenzene	11.727	91	652032	26.068	ug/L	99
53) m,p-Xylene	11.836	106	218088	23.006	ug/L	99
54) o-Xylene	12.166	106	231534	24.263	ug/L	93
55) Styrene	12.178	104	406444	25.155	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	116397	29.937	ug/L	100
59) Bromoform	12.349	173	62091	27.532	ug/L	99
60) Isopropylbenzene	12.458	105	666586	24.762	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	85066	30.099	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	559259	25.770	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	546067	25.112	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	277363	24.869	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	278626	25.316	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	248989	25.906	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	20381	30.876	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	189153	26.080	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	158089	26.768	ug/L	99
71) Naphthalene	15.360	128	341800	31.660	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	138589	27.330	ug/L	98

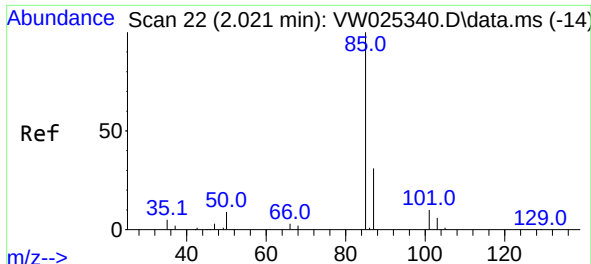
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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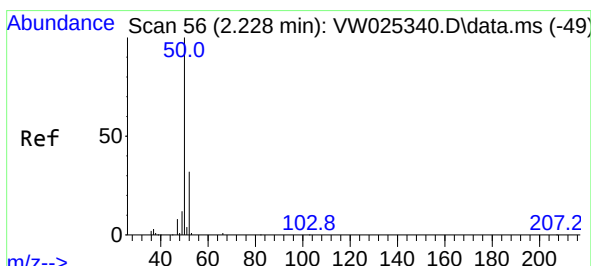
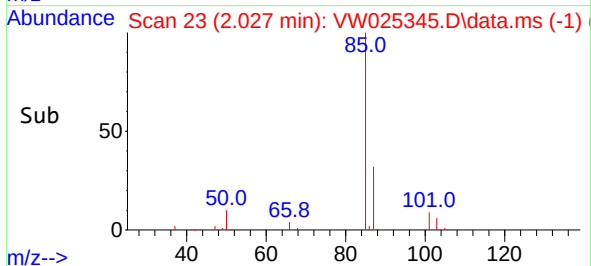
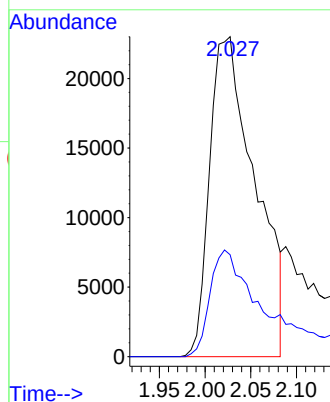
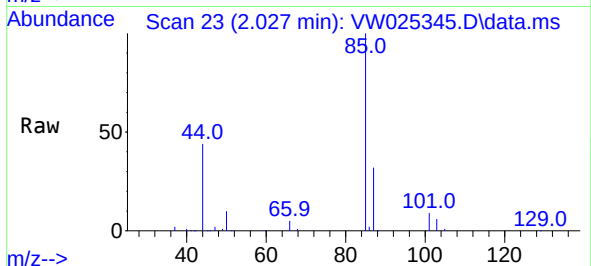




#2
Dichlorodifluoromethane
Concen: 17.446 ug/L
RT: 2.027 min Scan# 21
Delta R.T. 0.012 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

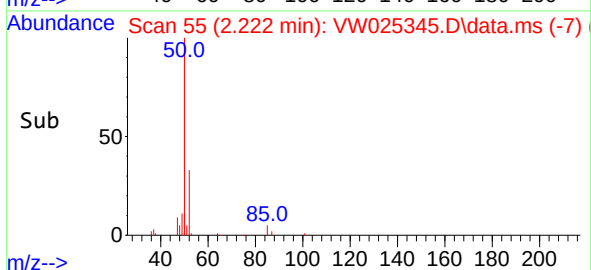
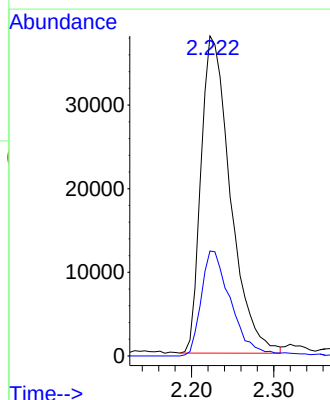
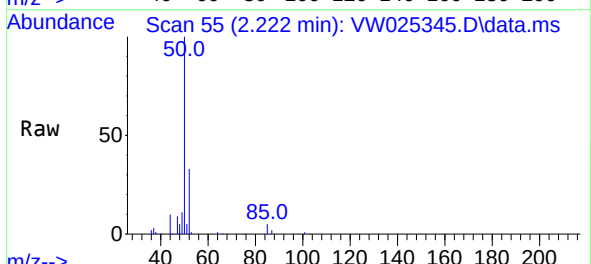
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MSVOA_W
ClientSampleId :
VSTD025541

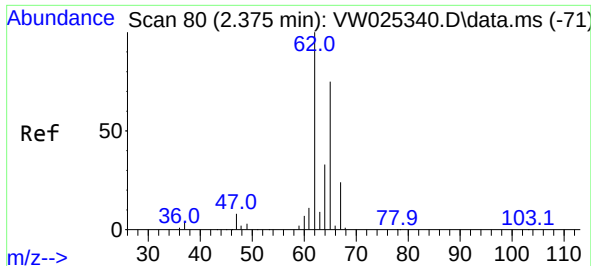
Tgt Ion: 85 Resp: 79796
Ion Ratio Lower Upper
85 100
87 30.9 23.3 34.9



#3
Chloromethane
Concen: 21.485 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

Tgt Ion: 50 Resp: 94326
Ion Ratio Lower Upper
50 100
52 32.8 22.0 40.8

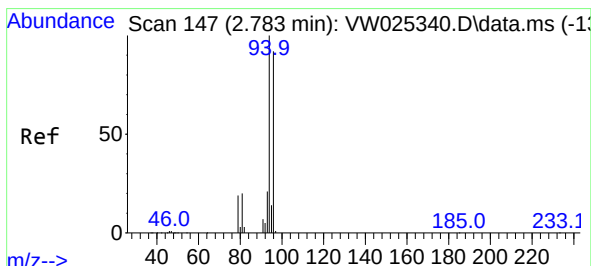
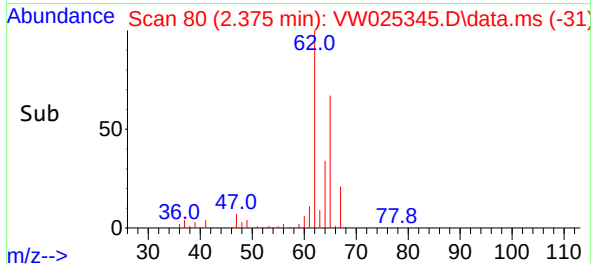
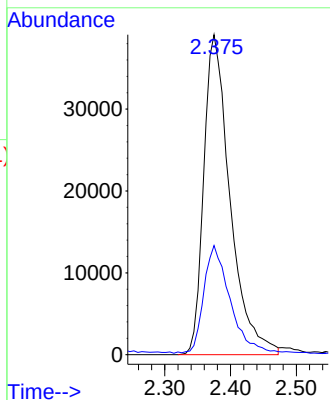
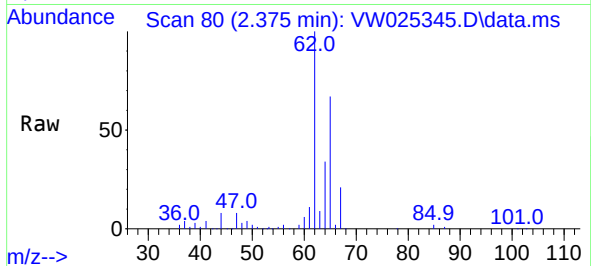




#5
 Vinyl chloride
 Concen: 24.301 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025345.D
 Acq: 17 Feb 2023 15:01

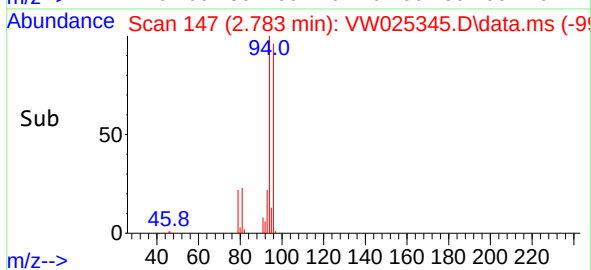
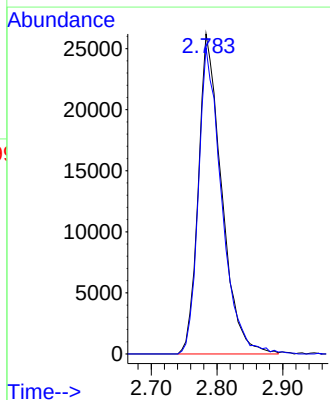
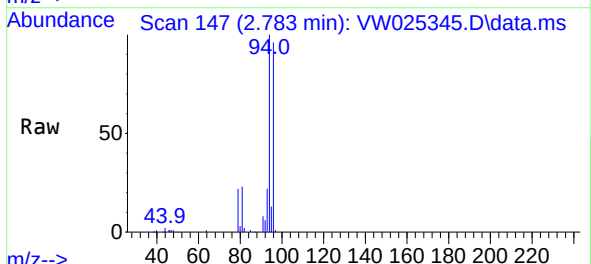
Instrument :
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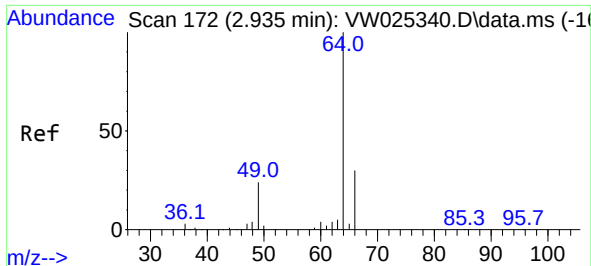
Tgt Ion: 62 Resp: 108657
 Ion Ratio Lower Upper
 62 100
 64 34.1 21.8 40.6



#6
 Bromomethane
 Concen: 21.056 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW025345.D
 Acq: 17 Feb 2023 15:01

Tgt Ion: 94 Resp: 64463
 Ion Ratio Lower Upper
 94 100
 96 95.8 66.3 123.1

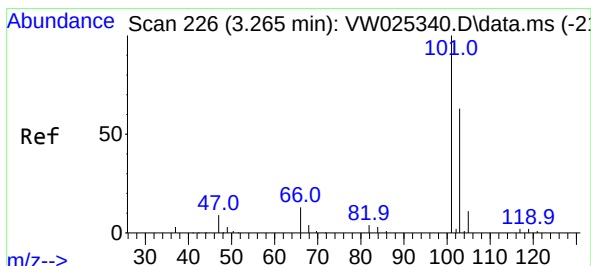
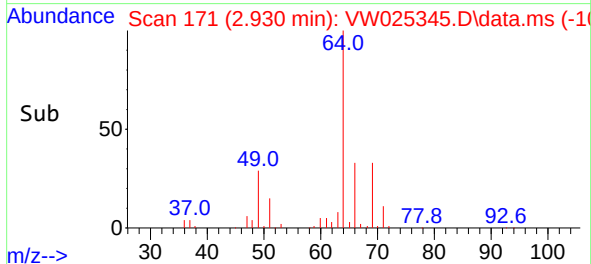
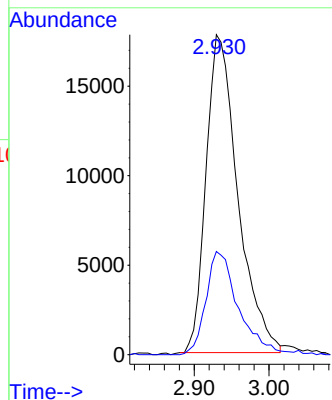
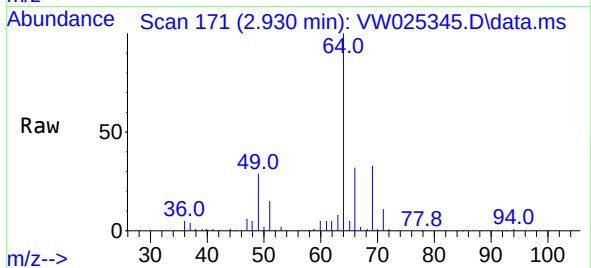




#8
Chloroethane
Concen: 18.830 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

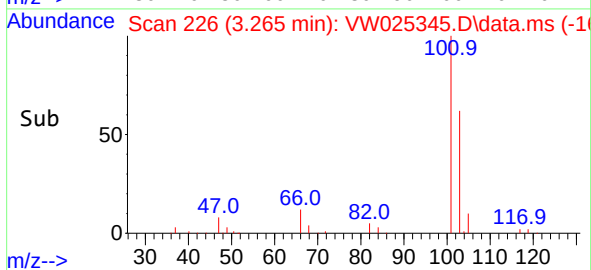
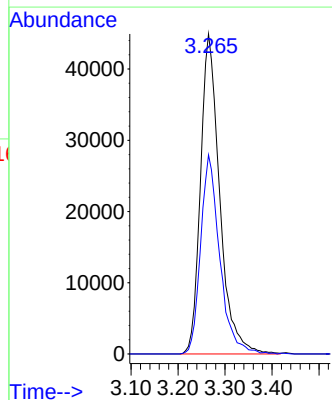
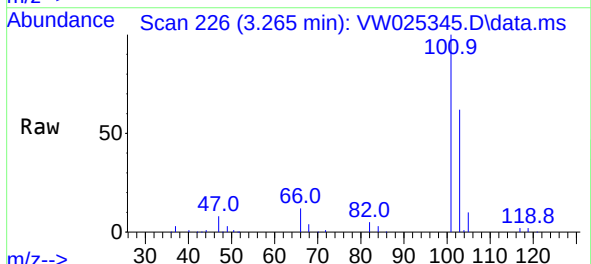
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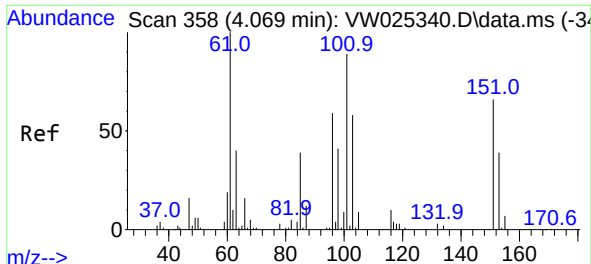
Tgt Ion: 64 Resp: 52562
Ion Ratio Lower Upper
64 100
66 32.3 21.9 40.7



#9
Trichlorofluoromethane
Concen: 19.802 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

Tgt Ion:101 Resp: 127361
Ion Ratio Lower Upper
101 100
103 61.4 52.4 78.6

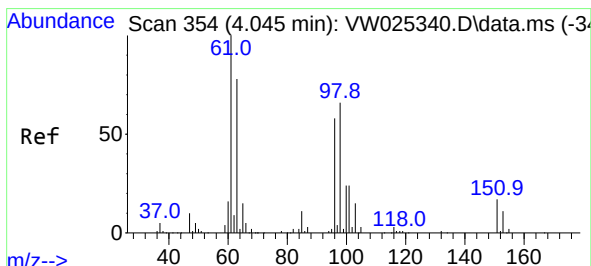
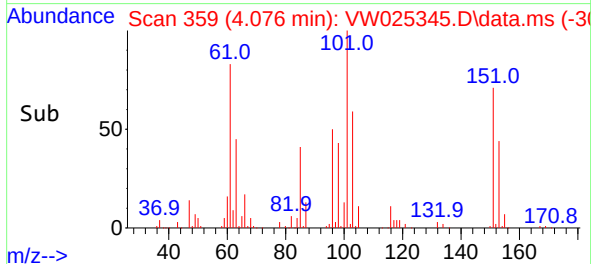
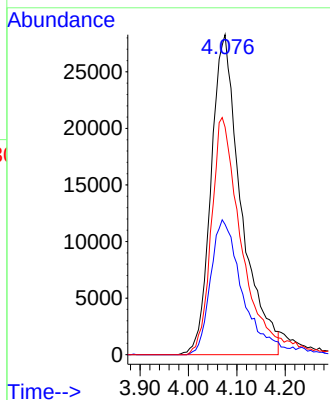
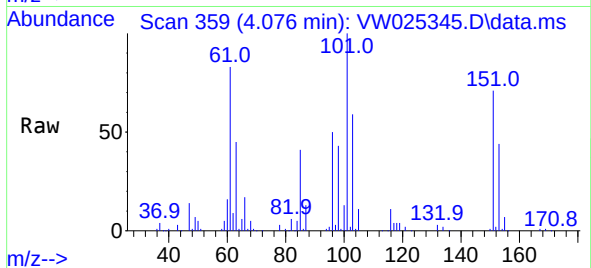




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.201 ug/L
RT: 4.076 min Scan# 359
Delta R.T. 0.006 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

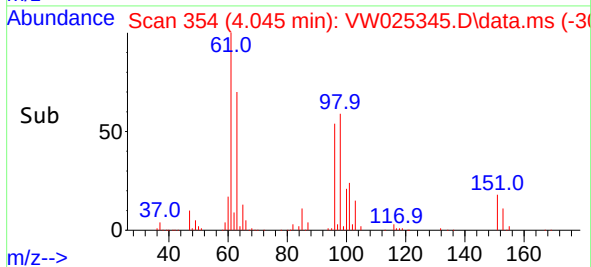
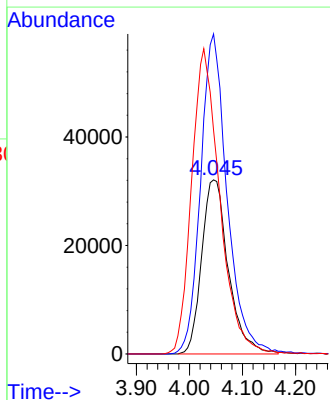
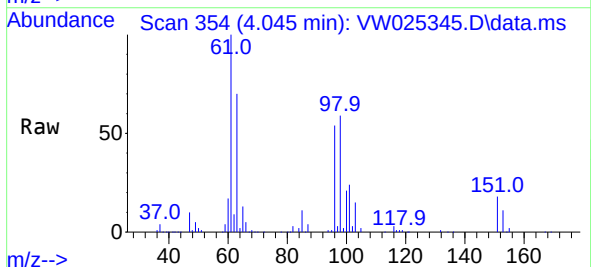
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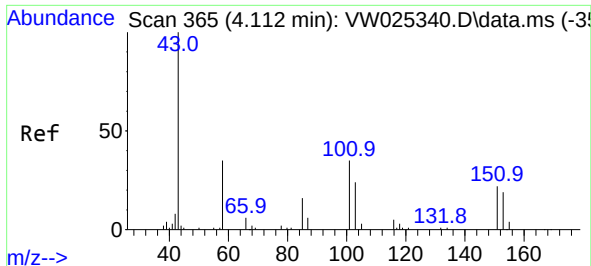
Tgt Ion:101 Resp: 122193
Ion Ratio Lower Upper
101 100
85 44.9 32.8 49.2
151 73.4 54.7 82.1



#12
1,1-Dichloroethene
Concen: 24.269 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

Tgt Ion: 96 Resp: 112354
Ion Ratio Lower Upper
96 100
61 183.8 120.8 224.4
63 128.5 85.7 159.1

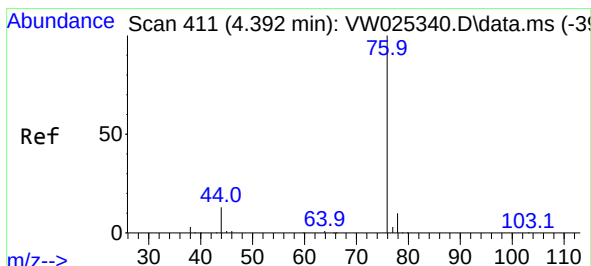
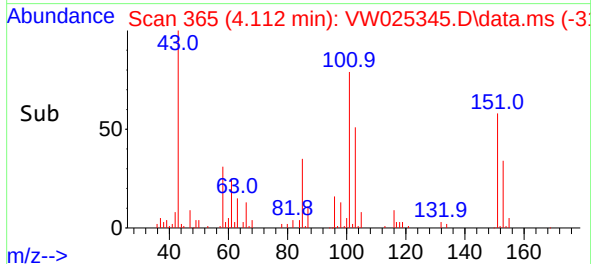
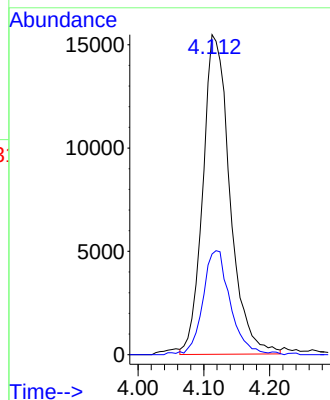
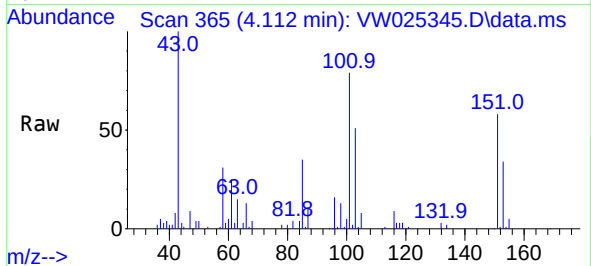




#13
Acetone
Concen: 47.282 ug/L
RT: 4.112 min Scan# 365
Delta R.T. -0.012 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

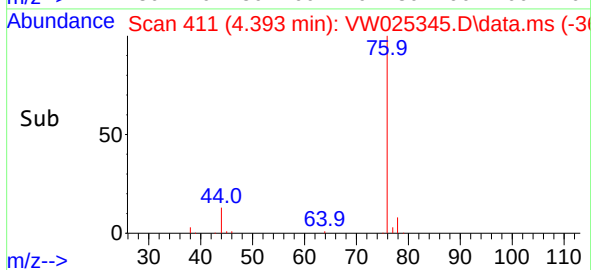
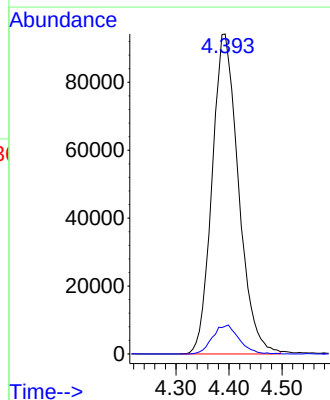
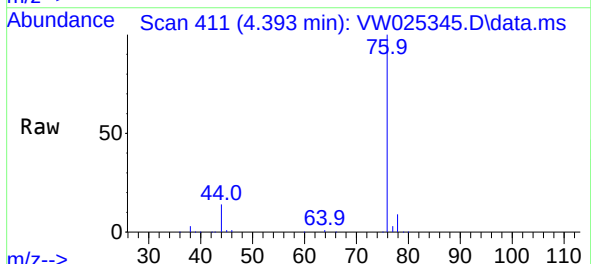
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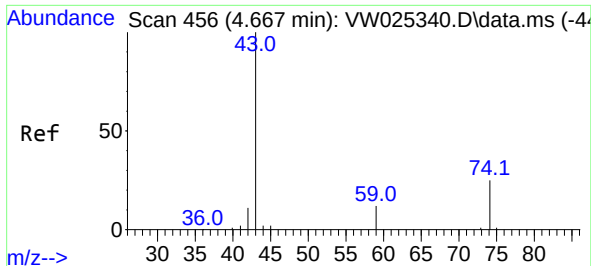
Tgt Ion: 43 Resp: 44269
Ion Ratio Lower Upper
43 100
58 32.5 0.0 63.0



#14
Carbon disulfide
Concen: 21.558 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 326142
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

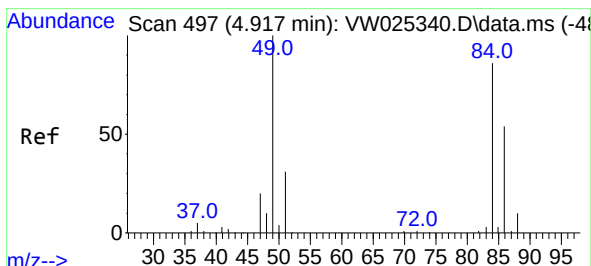
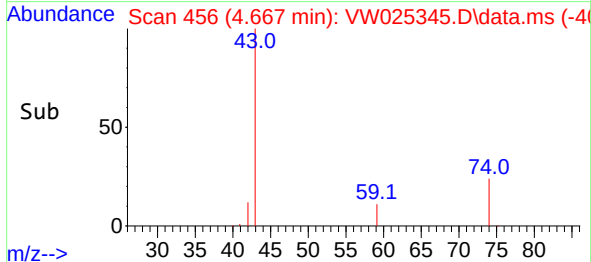
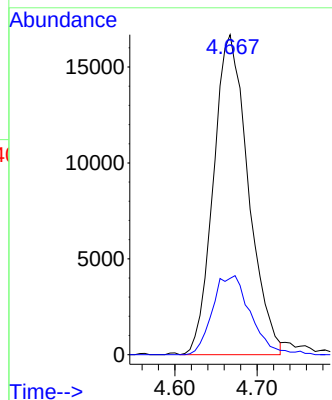
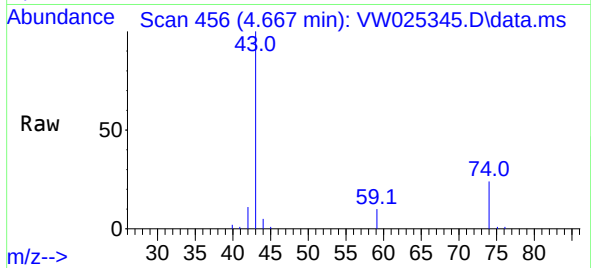




#15
Methyl Acetate
Concen: 30.665 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

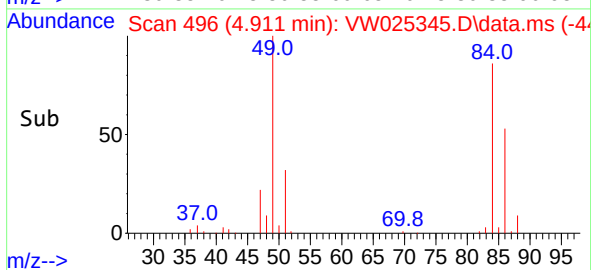
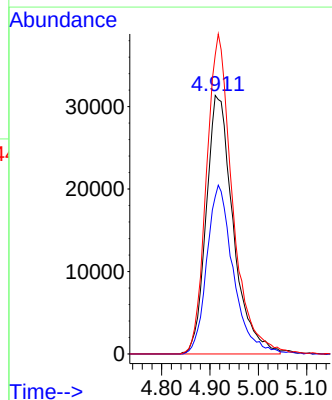
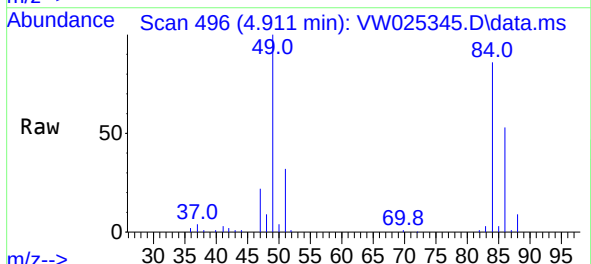
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

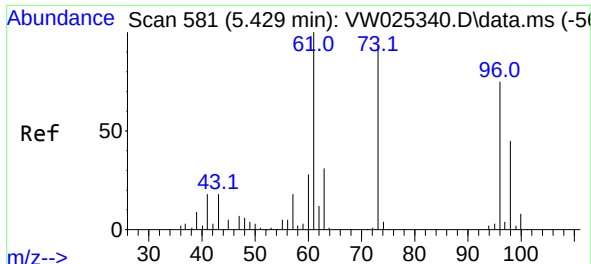
Tgt Ion: 43 Resp: 49128
Ion Ratio Lower Upper
43 100
74 10.8 20.2 30.2#



#16
Methylene chloride
Concen: 21.127 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

Tgt Ion: 84 Resp: 121564
Ion Ratio Lower Upper
84 100
86 60.8 47.2 87.6
49 115.7 86.5 160.7

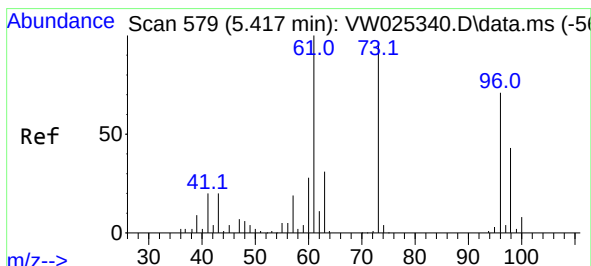
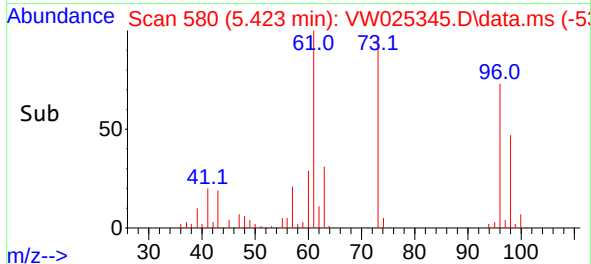
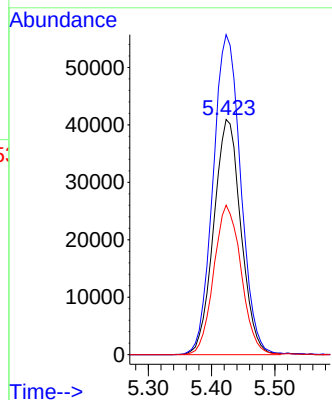
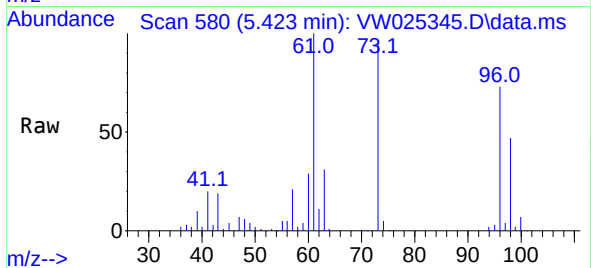




#17
trans-1,2-Dichloroethene
Concen: 24.625 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

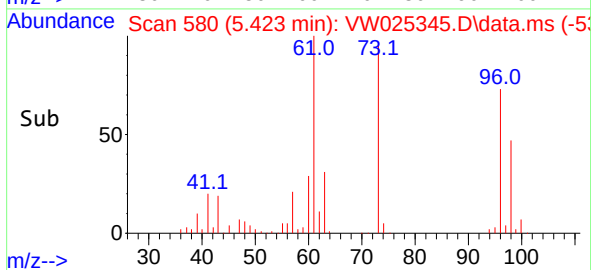
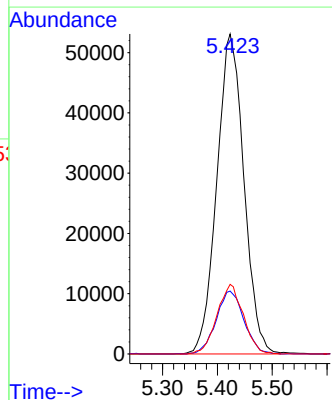
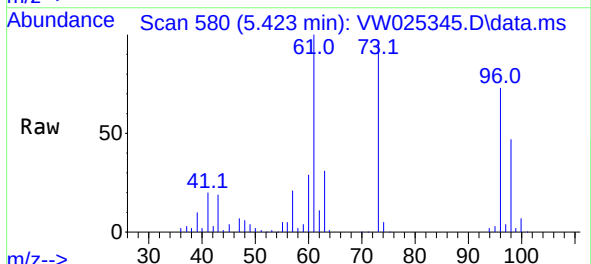
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

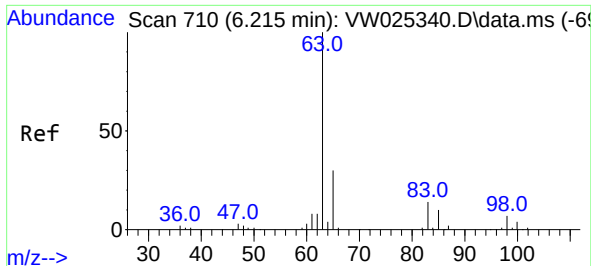
Tgt Ion: 96 Resp: 122427
Ion Ratio Lower Upper
96 100
61 136.1 98.4 182.8
98 63.6 43.5 80.9



#18
Methyl tert-butyl Ether
Concen: 25.477 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

Tgt Ion: 73 Resp: 182086
Ion Ratio Lower Upper
73 100
43 20.2 15.8 23.6
57 21.2 17.0 25.4

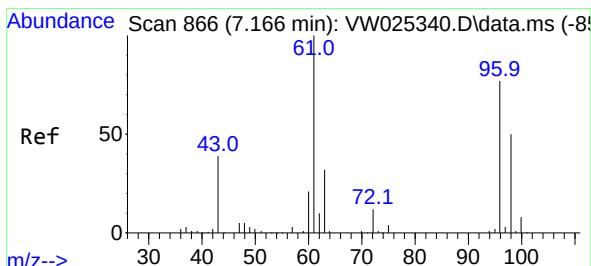
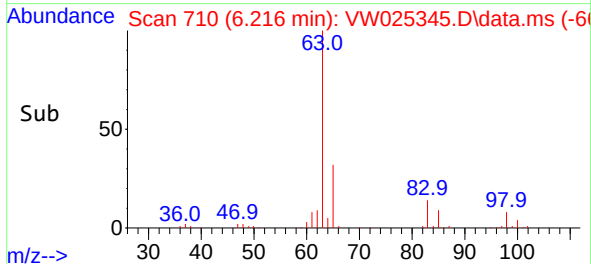
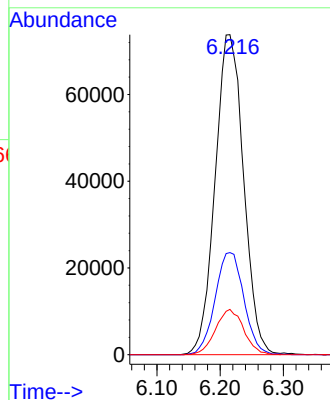
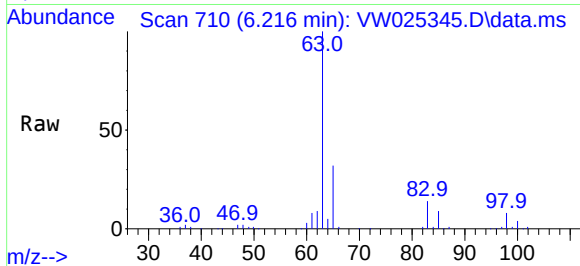




#19
1,1-Dichloroethane
Concen: 26.026 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

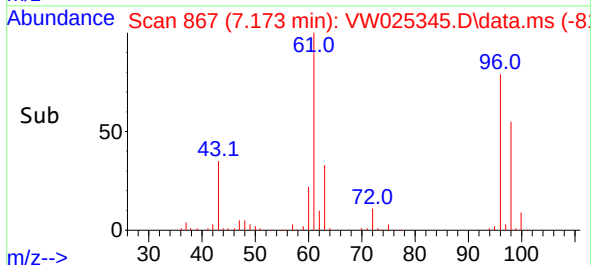
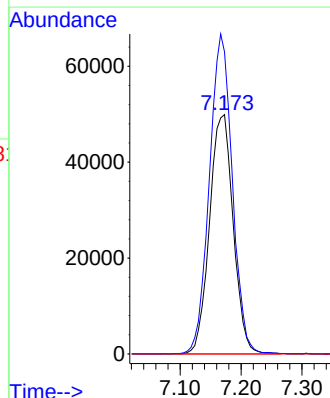
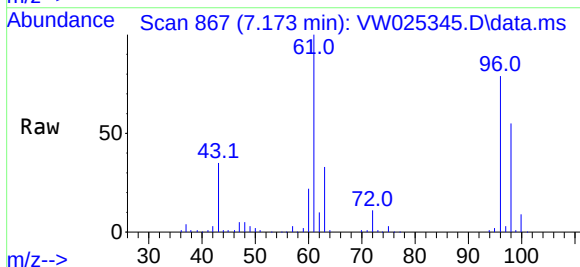
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

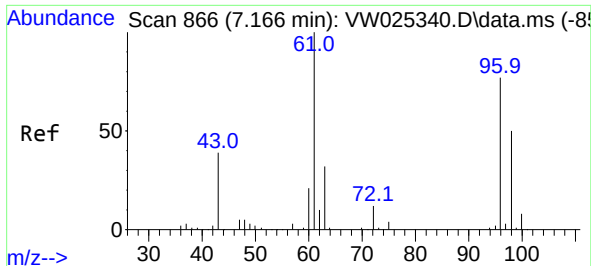
Tgt Ion: 63 Resp: 230404
Ion Ratio Lower Upper
63 100
65 31.9 22.0 41.0
83 14.1 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 25.825 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

Tgt Ion: 96 Resp: 134812
Ion Ratio Lower Upper
96 100
61 126.2 87.2 162.0
68 0.0 0.0 0.0

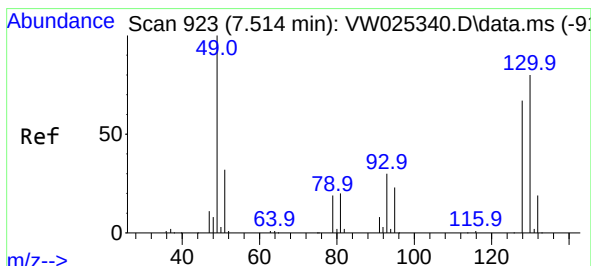
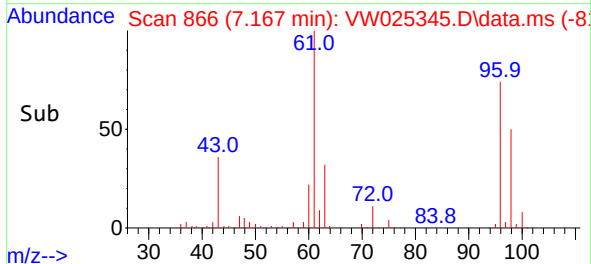
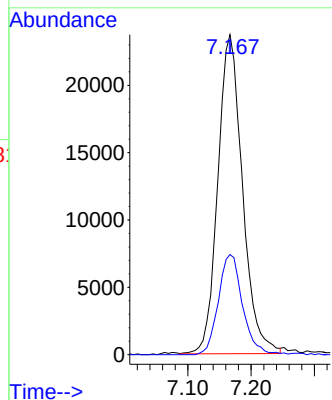
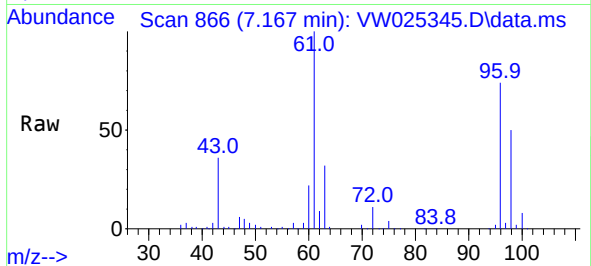




#22
2-Butanone
Concen: 56.218 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

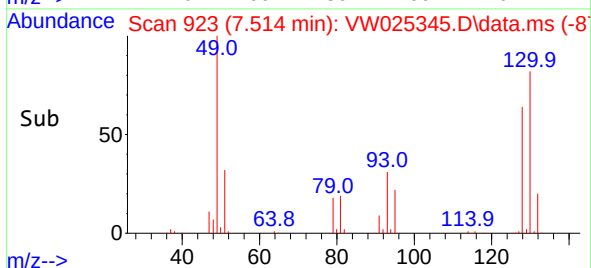
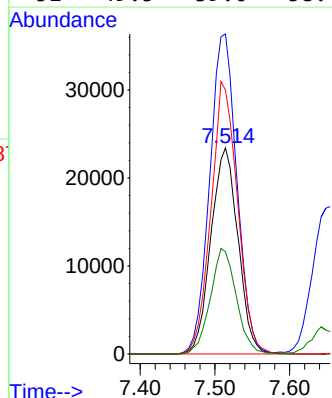
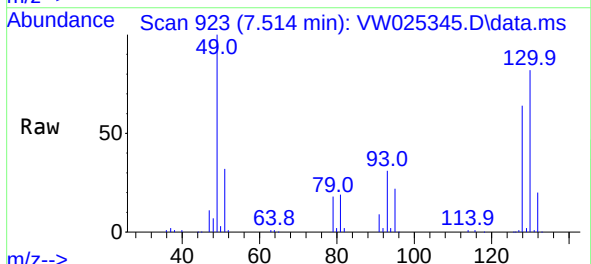
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

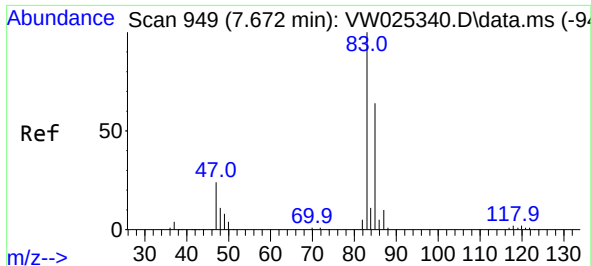
Tgt Ion: 43 Resp: 64008
Ion Ratio Lower Upper
43 100
72 30.5 15.2 45.6



#23
Bromochloromethane
Concen: 27.403 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

Tgt Ion: 128 Resp: 58923
Ion Ratio Lower Upper
128 100
49 155.3 109.0 202.4
130 128.0 93.3 173.3
51 49.5 39.0 58.4

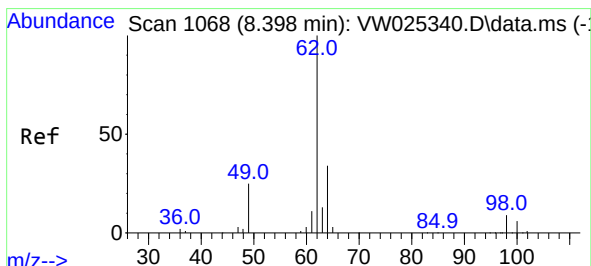
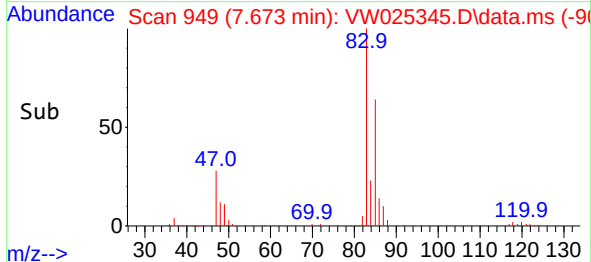
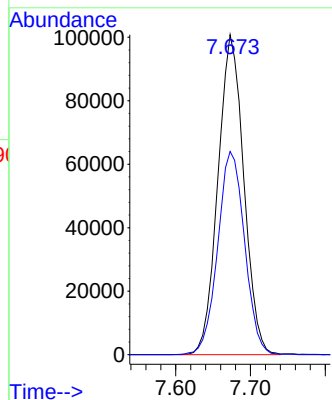
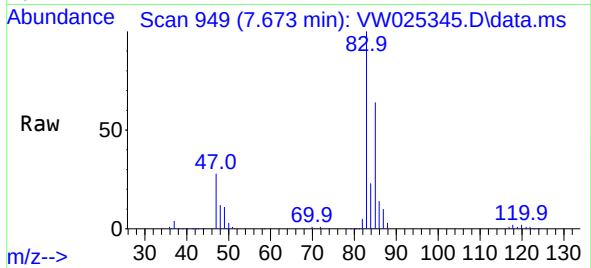




#25
Chloroform
Concen: 26.628 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

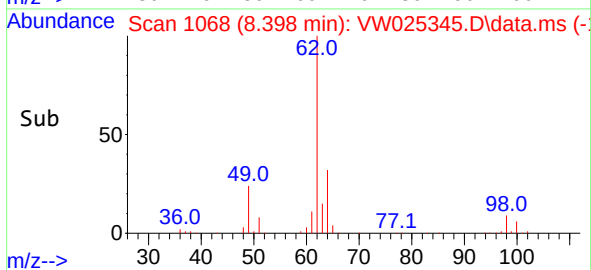
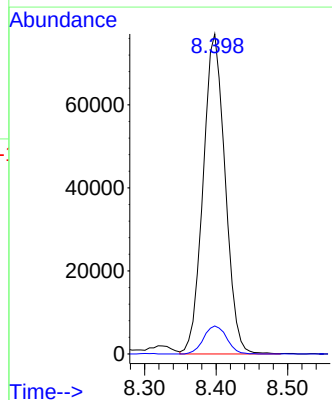
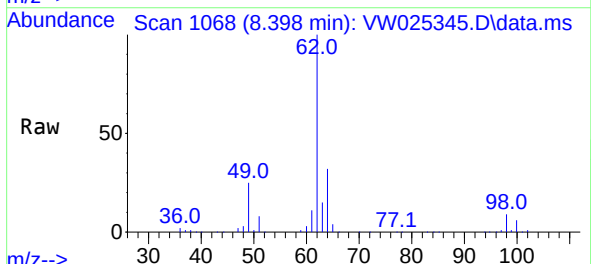
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

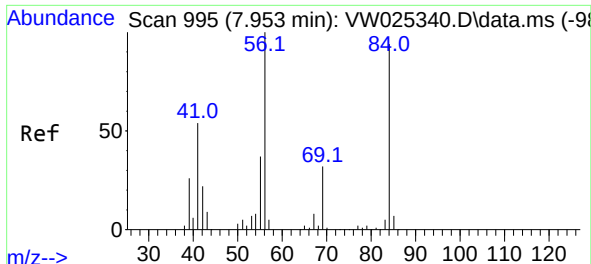
Tgt Ion: 83 Resp: 242478
Ion Ratio Lower Upper
83 100
85 63.5 45.8 85.0



#27
1,2-Dichloroethane
Concen: 29.727 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

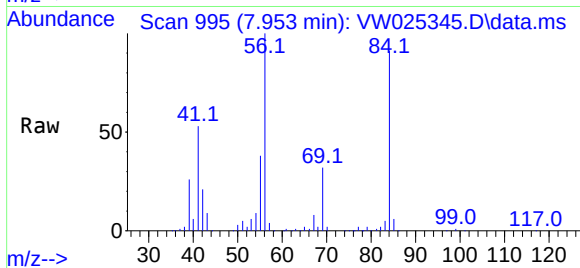
Tgt Ion: 62 Resp: 164867
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.0





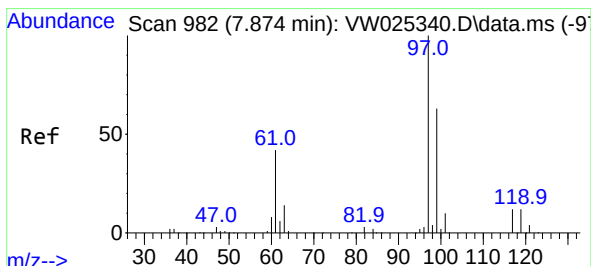
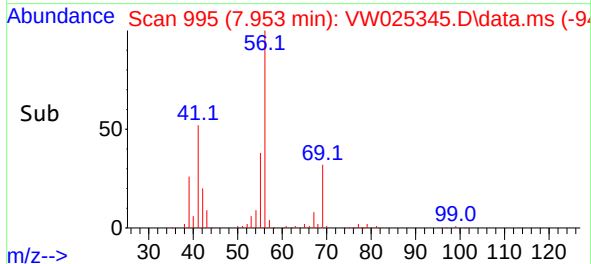
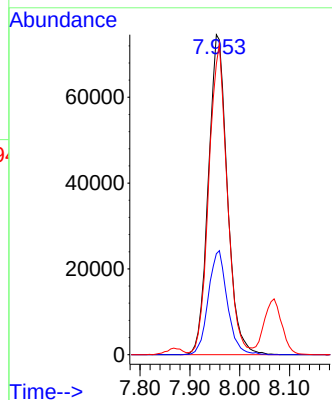
#29
Cyclohexane
Concen: 22.541 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

Instrument :
MSVOA_W
ClientSampleId :
VSTD025541



Tgt Ion: 56 Resp: 196916

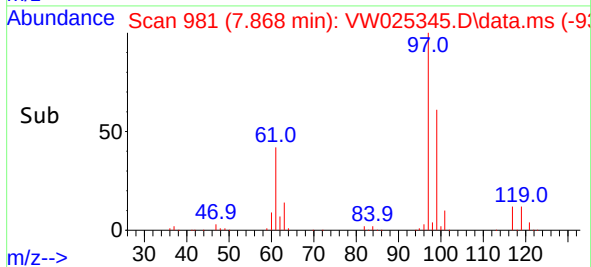
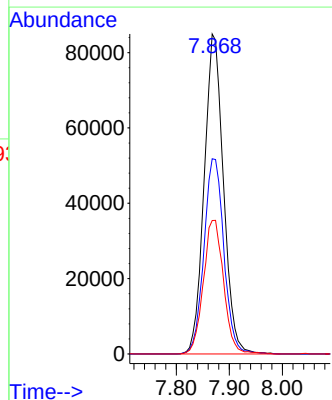
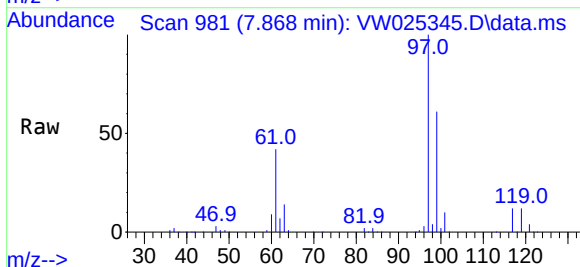
Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.1	37.7
84	94.5	73.2	109.8

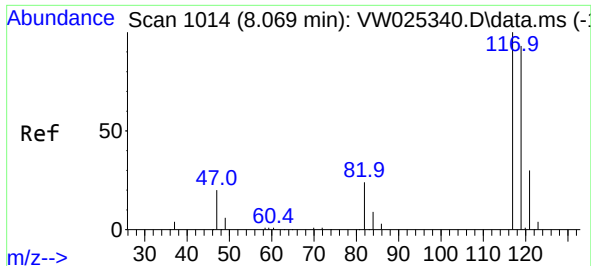


#30
1,1,1-Trichloroethane
Concen: 24.927 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

Tgt Ion: 97 Resp: 214491

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.2	76.8
61	43.4	35.0	52.6

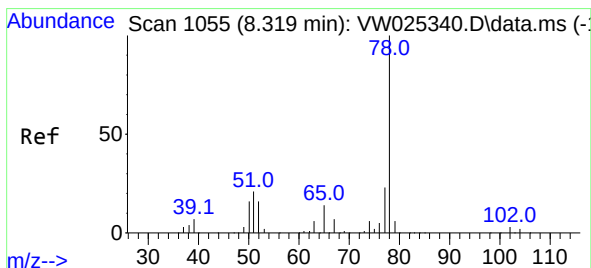
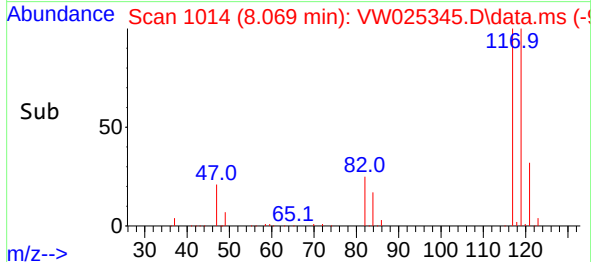
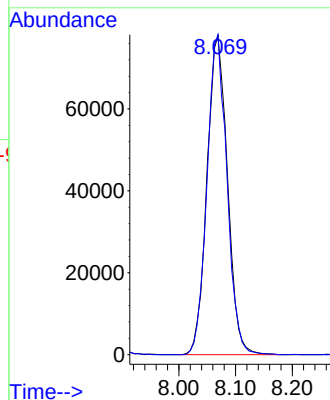
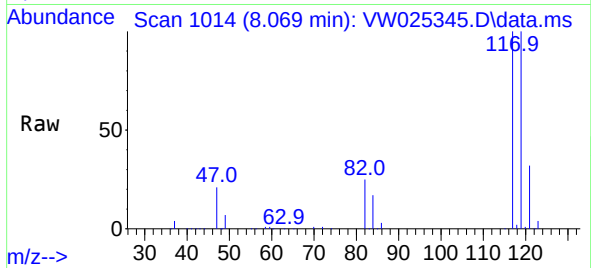




#31
Carbon tetrachloride
Concen: 24.553 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

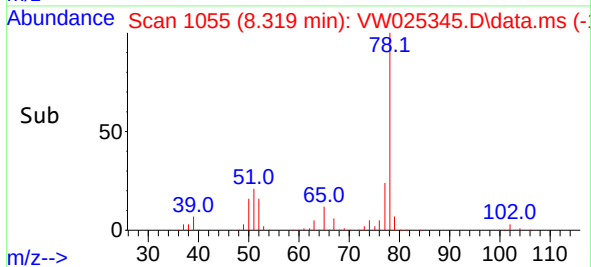
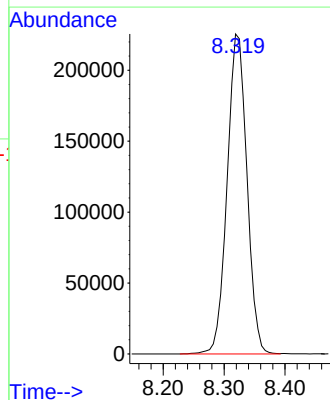
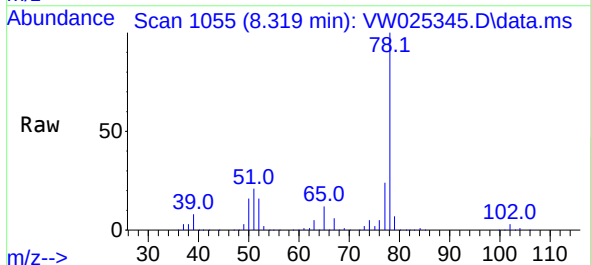
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

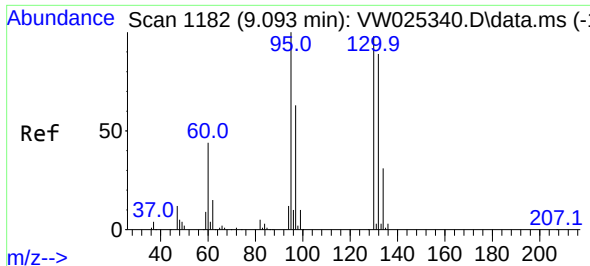
Tgt Ion:117 Resp: 195408
Ion Ratio Lower Upper
117 100
119 97.5 77.6 116.4



#33
Benzene
Concen: 24.223 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

Tgt Ion: 78 Resp: 508510



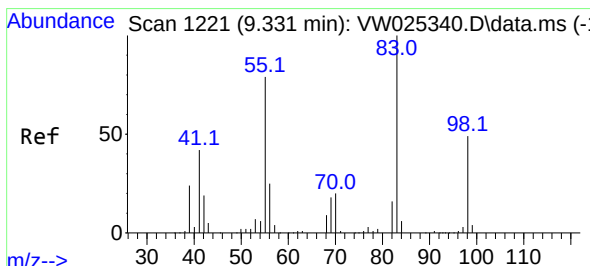
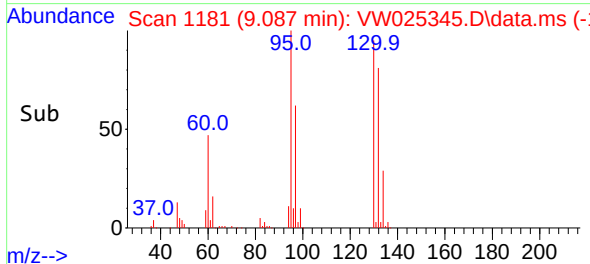
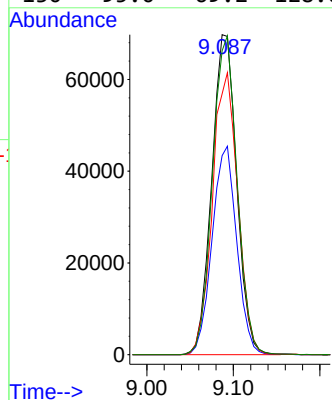
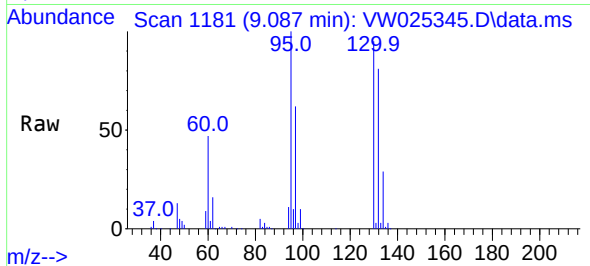


#34
Trichloroethene
Concen: 23.739 ug/L
RT: 9.087 min Scan# 1182
Delta R.T. -0.006 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

Tgt Ion: 95 Resp: 139587

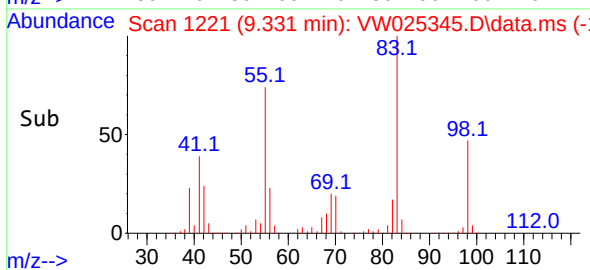
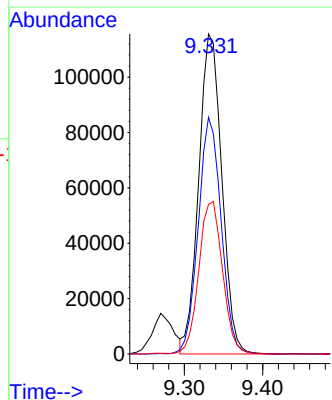
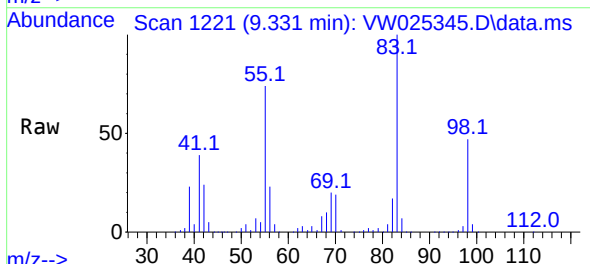
Ion	Ratio	Lower	Upper
95	100		
97	62.2	45.4	84.2
132	81.5	67.1	124.5
130	95.0	69.2	128.6

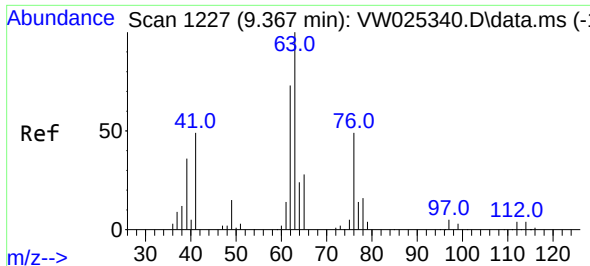


#35
Methylcyclohexane
Concen: 22.566 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

Tgt Ion: 83 Resp: 236850

Ion	Ratio	Lower	Upper
83	100		
55	73.5	58.8	88.2
98	49.0	39.5	59.3

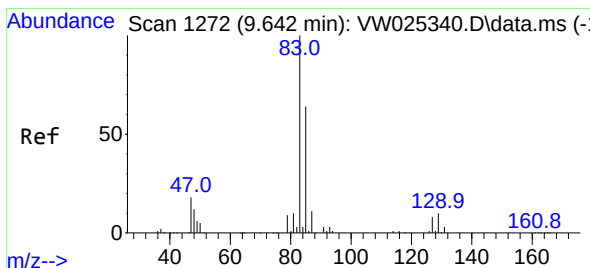
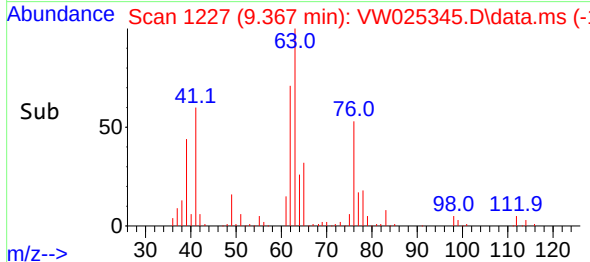
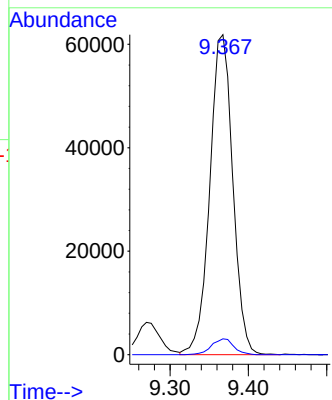
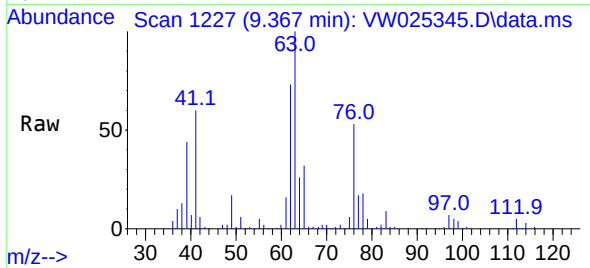




#37
1,2-Dichloropropane
Concen: 24.393 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

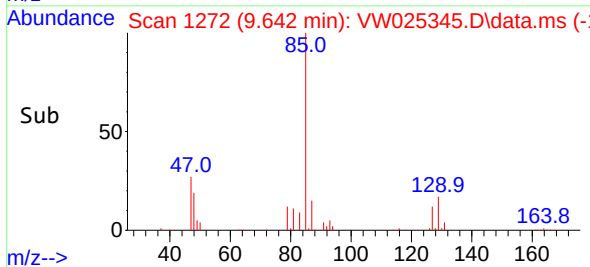
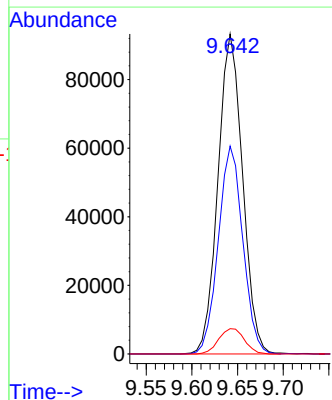
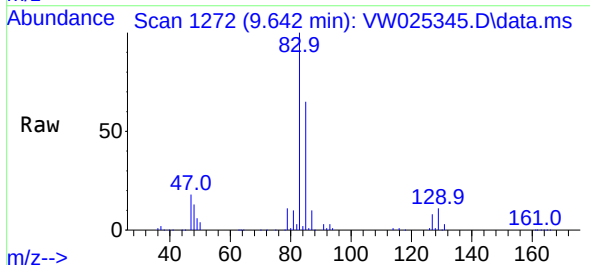
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

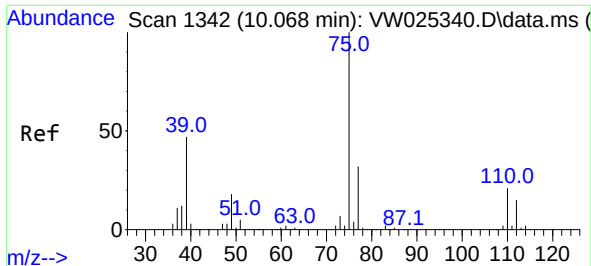
Tgt Ion: 63 Resp: 126297
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8



#38
Bromodichloromethane
Concen: 25.405 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

Tgt Ion: 83 Resp: 174901
Ion Ratio Lower Upper
83 100
85 65.0 44.4 82.4
127 7.9 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 25.018 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025345.D

Acq: 17 Feb 2023 15:01

Instrument :

MSVOA_W

ClientSampleId :

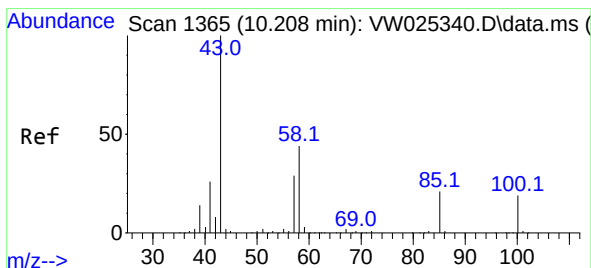
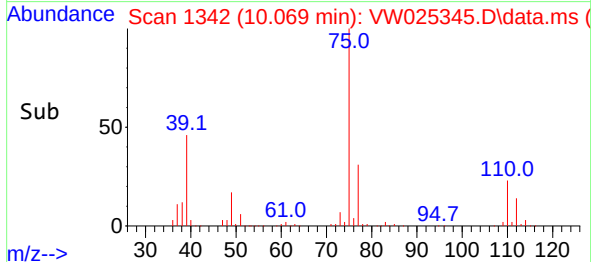
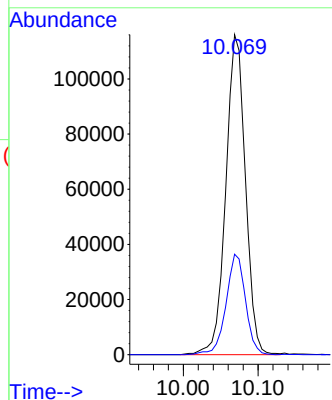
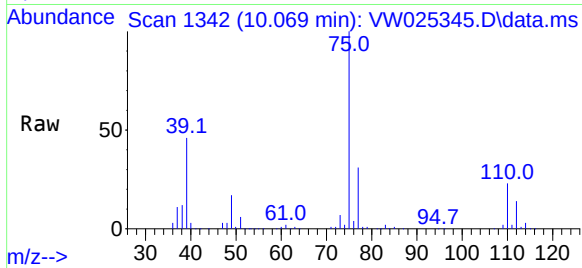
VSTD025541

Tgt Ion: 75 Resp: 212093

Ion Ratio Lower Upper

75 100

77 31.4 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 61.331 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025345.D

Acq: 17 Feb 2023 15:01

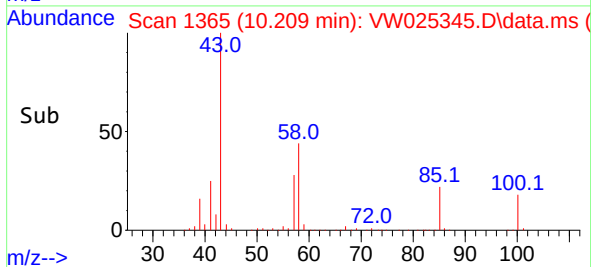
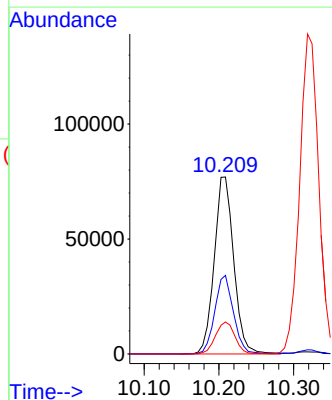
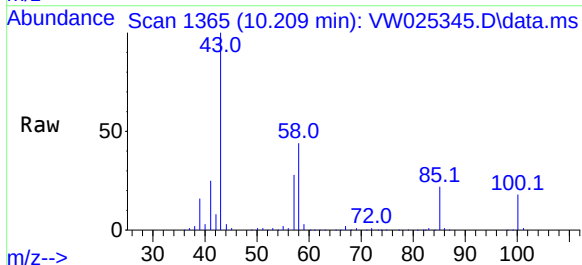
Tgt Ion: 43 Resp: 140208

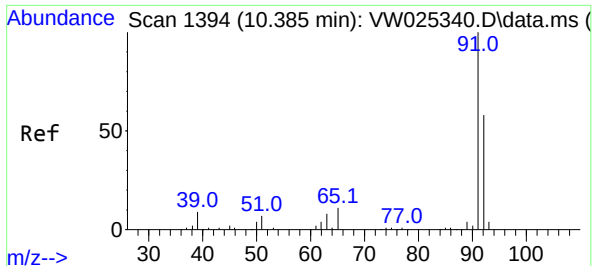
Ion Ratio Lower Upper

43 100

58 42.5 34.1 51.1

100 18.1 14.5 21.7





#42

Toluene

Concen: 26.399 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW025345.D

Acq: 17 Feb 2023 15:01

Instrument :

MSVOA_W

ClientSampleId :

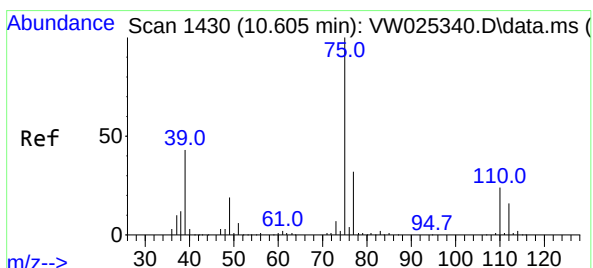
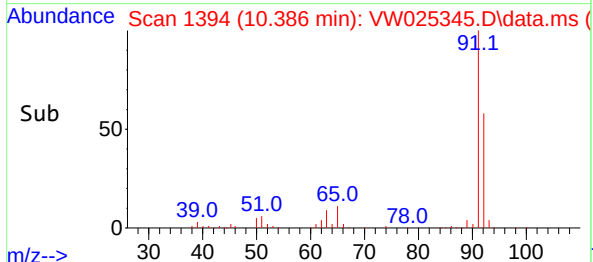
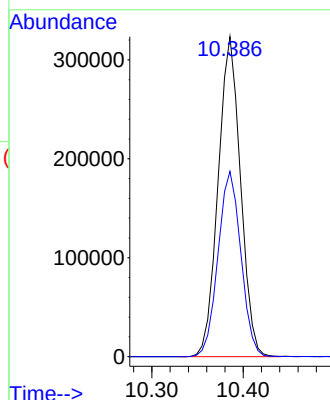
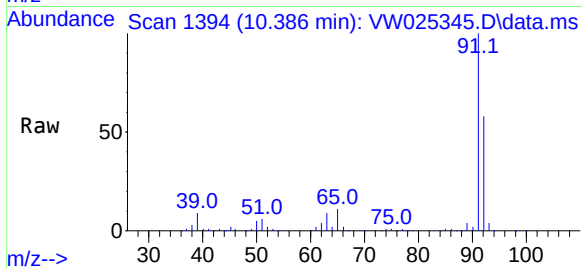
VSTD025541

Tgt Ion: 91 Resp: 551109

Ion Ratio Lower Upper

91 100

92 57.9 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 29.205 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW025345.D

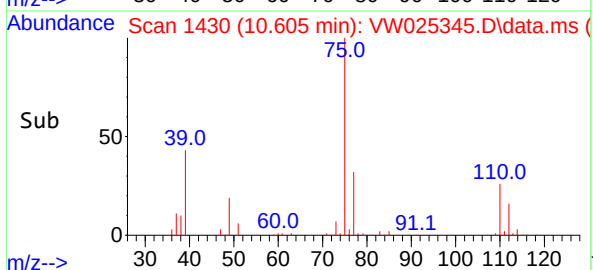
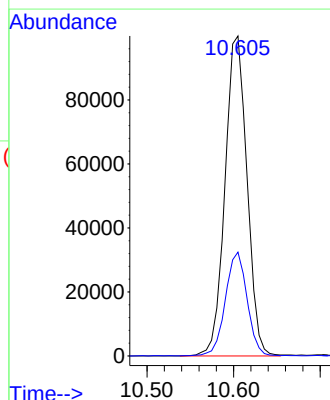
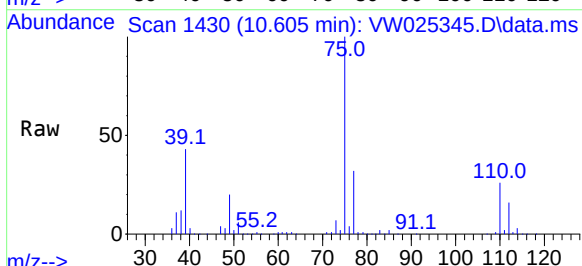
Acq: 17 Feb 2023 15:01

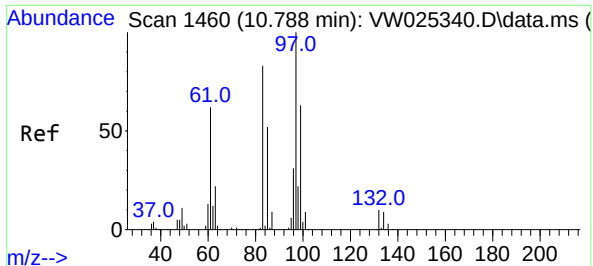
Tgt Ion: 75 Resp: 176484

Ion Ratio Lower Upper

75 100

77 32.4 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 29.871 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW025345.D

Acq: 17 Feb 2023 15:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025541

Tgt Ion: 97 Resp: 97471

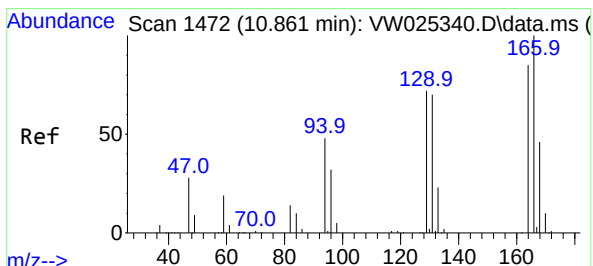
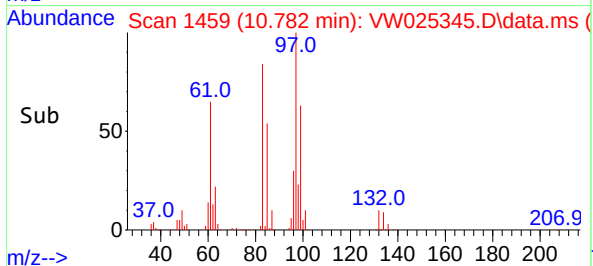
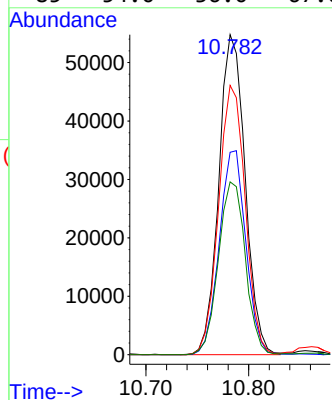
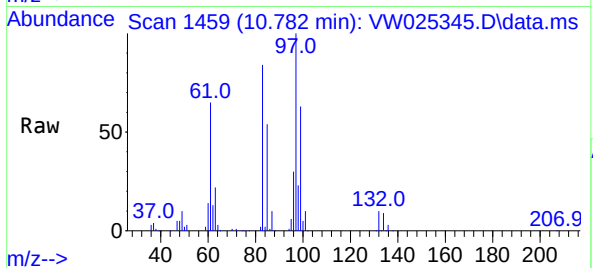
Ion Ratio Lower Upper

97 100

99 63.3 41.4 76.8

83 84.2 54.0 100.4

85 54.0 36.0 67.0



#46

Tetrachloroethene

Concen: 26.905 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW025345.D

Acq: 17 Feb 2023 15:01

Tgt Ion:164 Resp: 101105

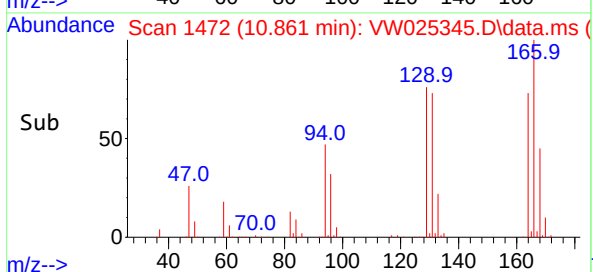
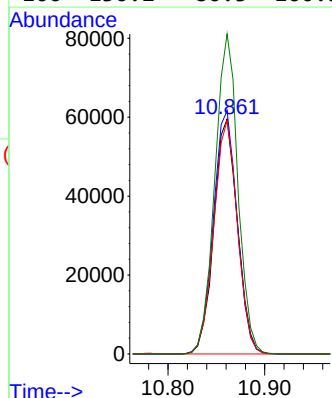
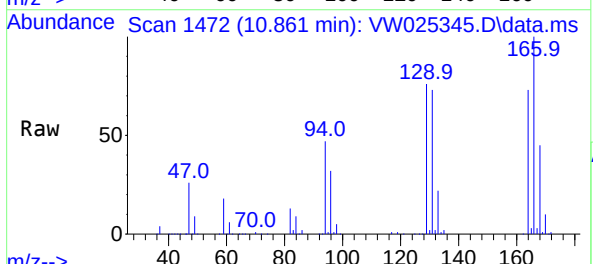
Ion Ratio Lower Upper

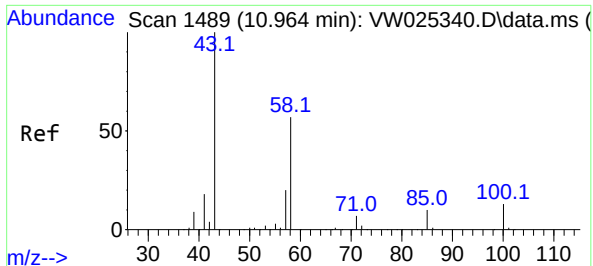
164 100

129 103.6 74.1 137.5

131 99.3 72.3 134.3

166 136.2 86.3 160.3





#48

2-Hexanone

Concen: 66.877 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW025345.D

Acq: 17 Feb 2023 15:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025541

Tgt Ion: 43 Resp: 96517

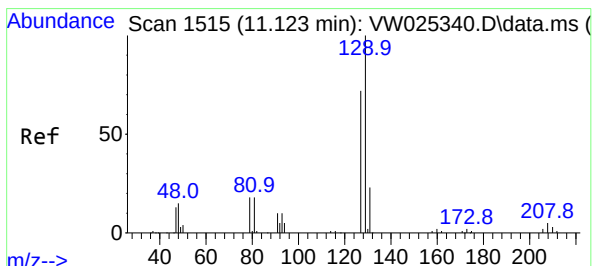
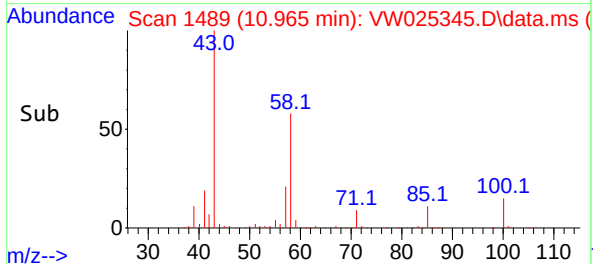
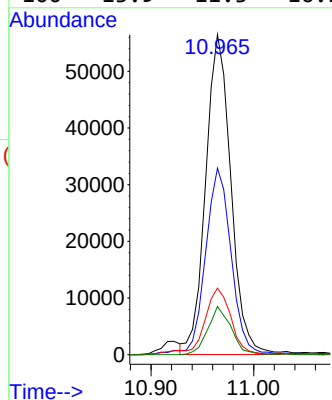
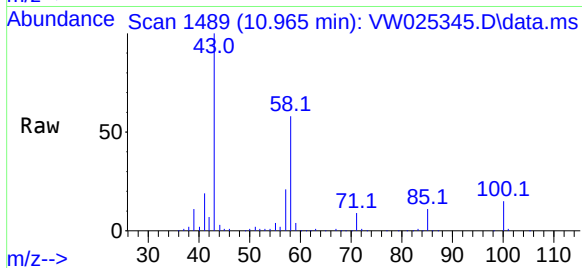
Ion Ratio Lower Upper

43 100

58 58.5 46.3 69.5

57 20.8 16.5 24.7

100 13.9 11.3 16.9



#49

Dibromochloromethane

Concen: 31.132 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW025345.D

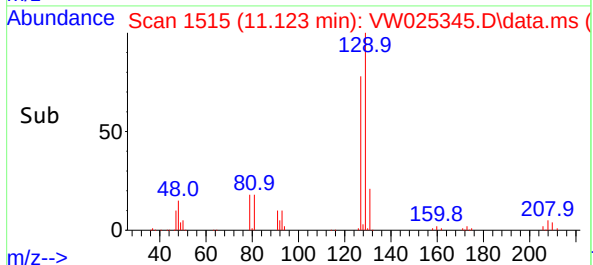
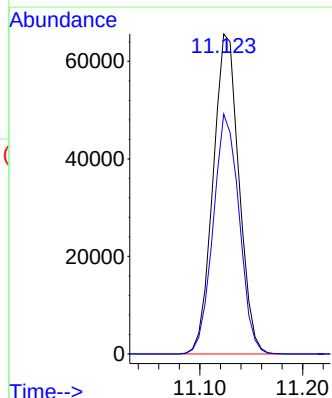
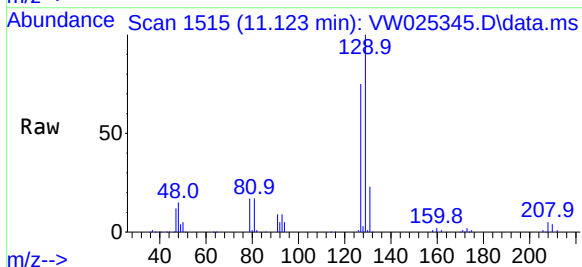
Acq: 17 Feb 2023 15:01

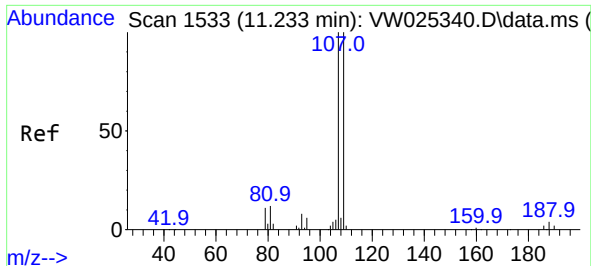
Tgt Ion:129 Resp: 114740

Ion Ratio Lower Upper

129 100

127 74.9 54.8 101.8





#50

1,2-Dibromoethane

Concen: 30.696 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025345.D

Acq: 17 Feb 2023 15:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025541

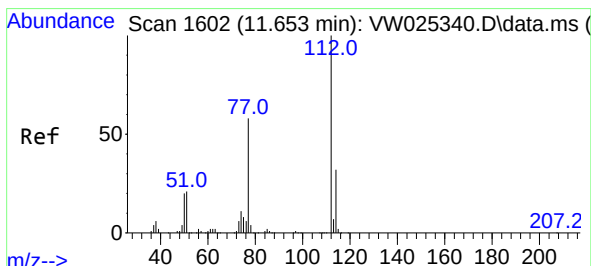
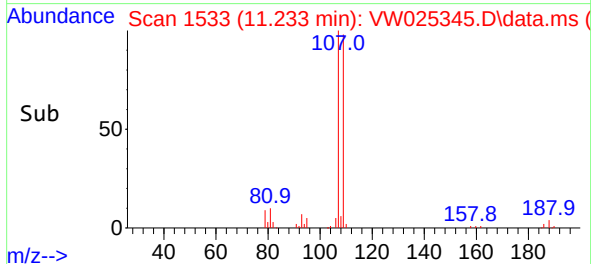
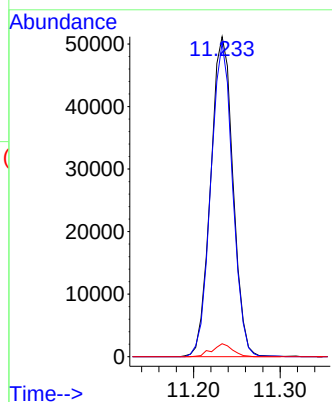
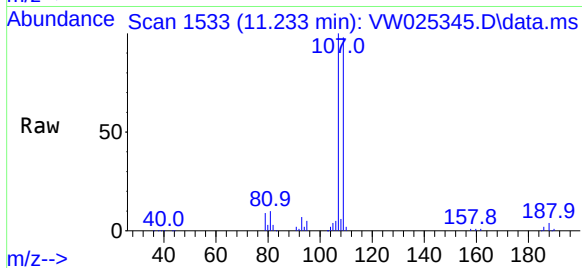
Tgt Ion:107 Resp: 91755

Ion Ratio Lower Upper

107 100

109 98.1 65.0 120.6

188 4.0 2.3 3.5#



#51

Chlorobenzene

Concen: 26.312 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025345.D

Acq: 17 Feb 2023 15:01

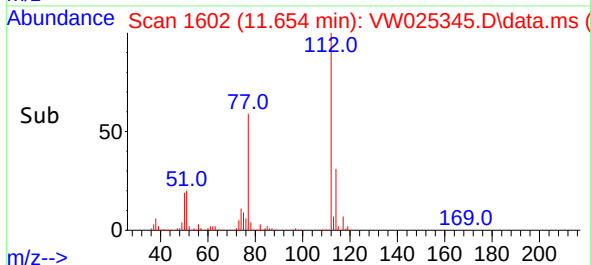
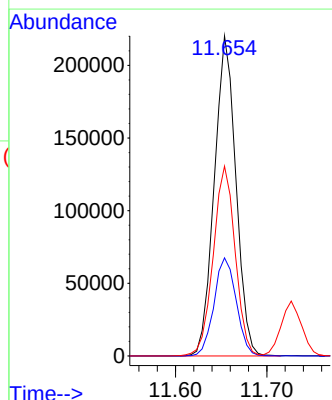
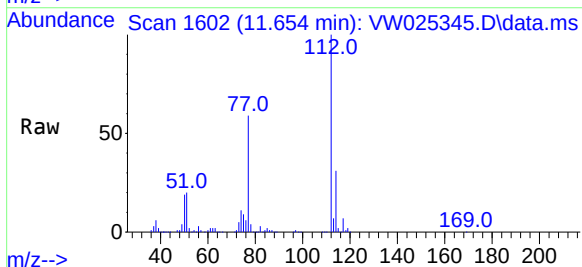
Tgt Ion:112 Resp: 361487

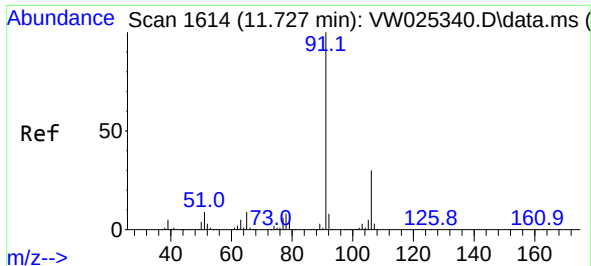
Ion Ratio Lower Upper

112 100

114 30.7 21.7 40.3

77 59.3 46.2 69.4

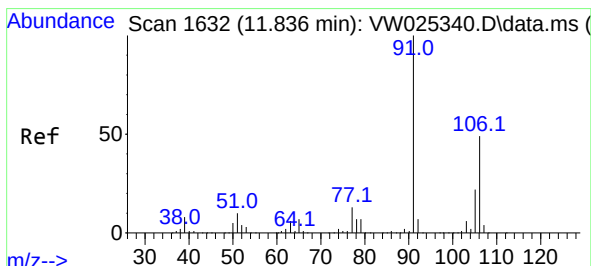
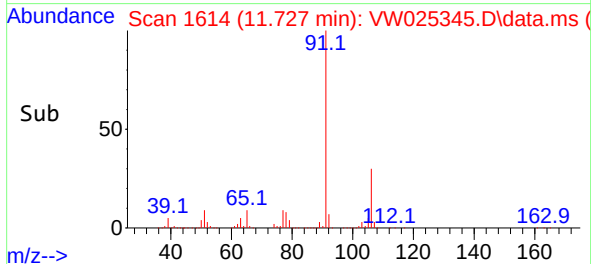
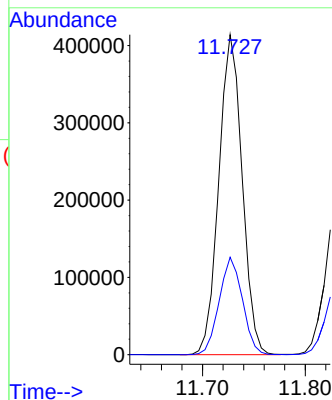
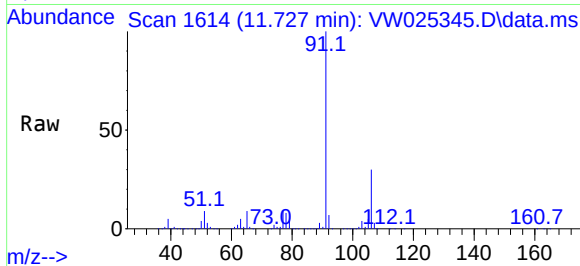




#52
Ethylbenzene
Concen: 26.068 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

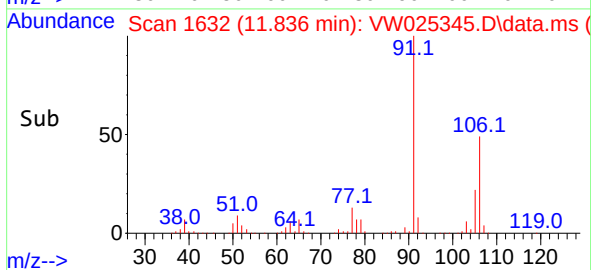
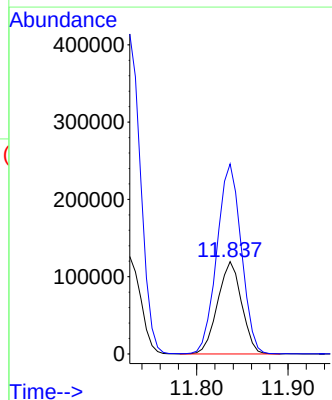
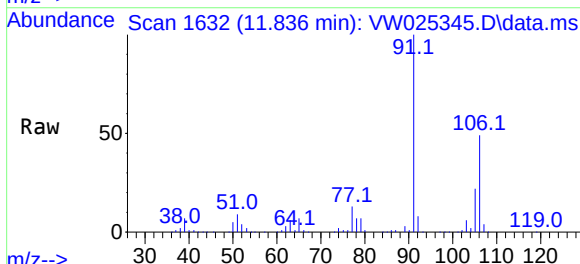
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

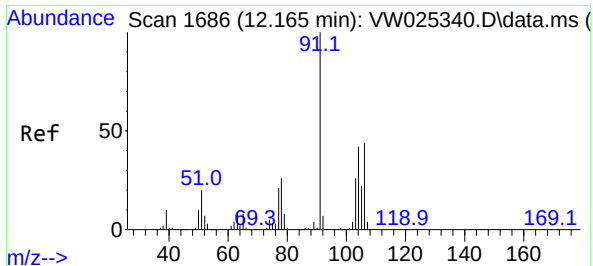
Tgt Ion: 91 Resp: 652032
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.1



#53
m,p-Xylene
Concen: 23.006 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

Tgt Ion:106 Resp: 218088
Ion Ratio Lower Upper
106 100
91 205.8 143.4 266.4





#54

o-Xylene

Concen: 24.263 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025345.D

Acq: 17 Feb 2023 15:01

Instrument :

MSVOA_W

ClientSampleId :

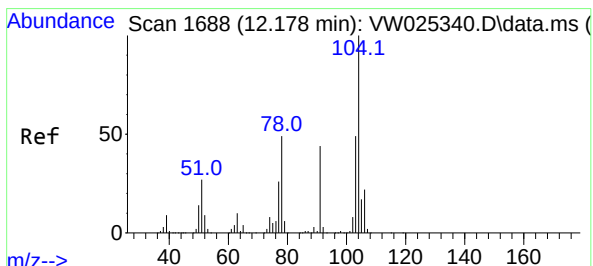
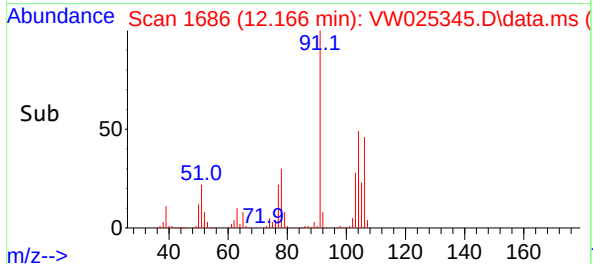
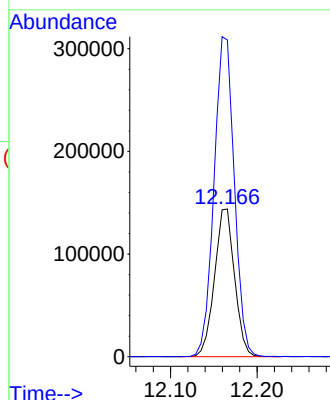
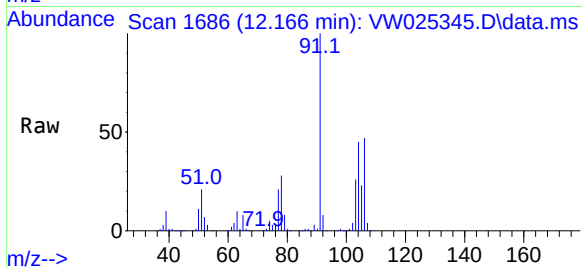
VSTD025541

Tgt Ion:106 Resp: 231534

Ion Ratio Lower Upper

106 100

91 214.4 157.6 292.8



#55

Styrene

Concen: 25.155 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW025345.D

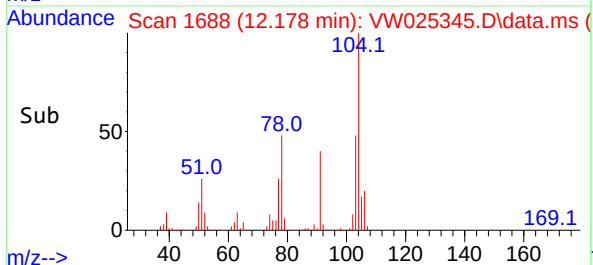
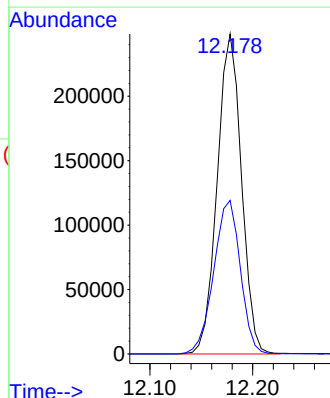
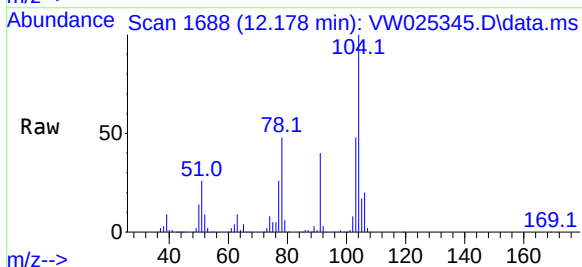
Acq: 17 Feb 2023 15:01

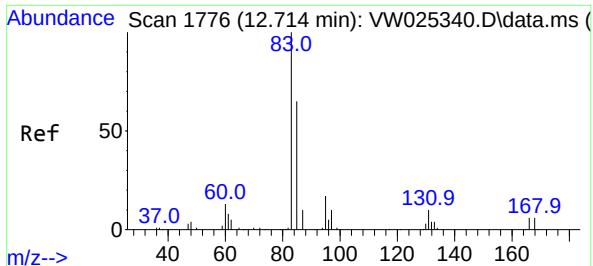
Tgt Ion:104 Resp: 406444

Ion Ratio Lower Upper

104 100

78 48.0 32.8 60.8

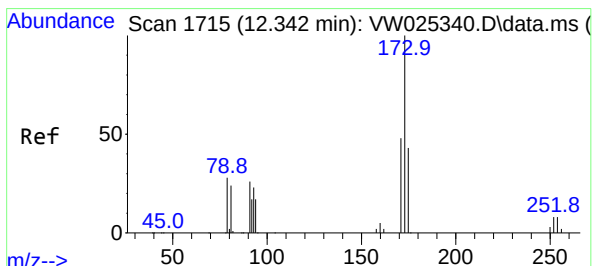
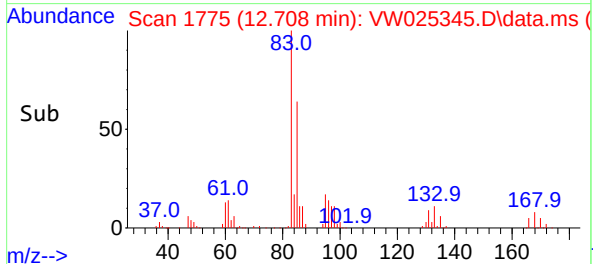
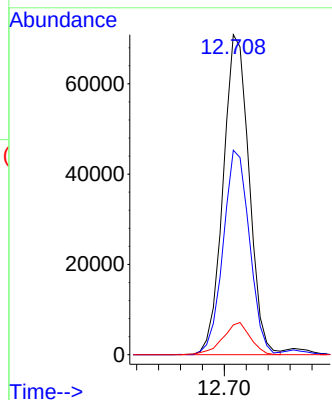
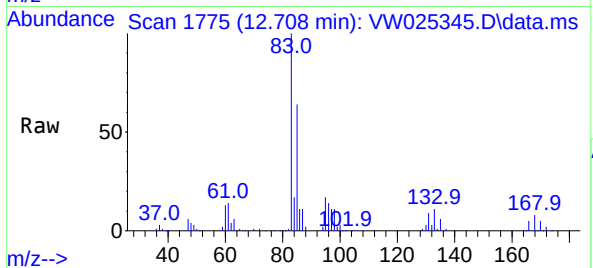




#57
1,1,2,2-Tetrachloroethane
Concen: 29.937 ug/L
RT: 12.708 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

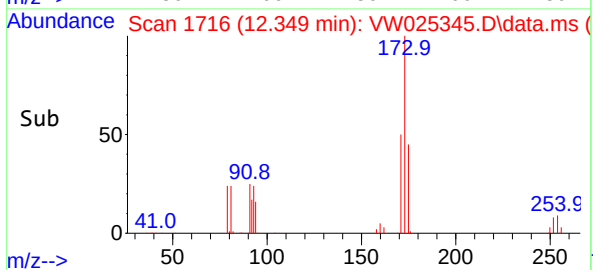
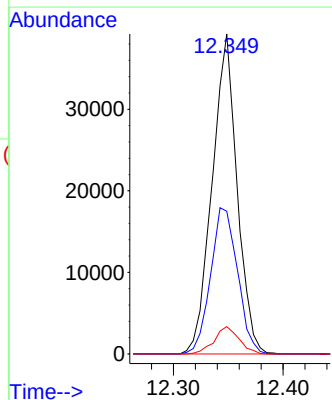
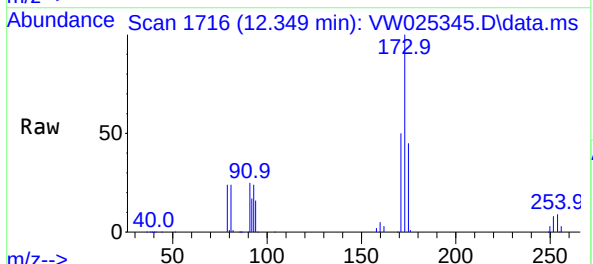
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

Tgt Ion: 83 Resp: 116397
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1
131 9.3 7.8 11.6

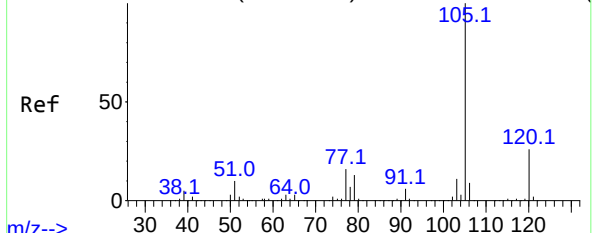


#59
Bromoform
Concen: 27.532 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

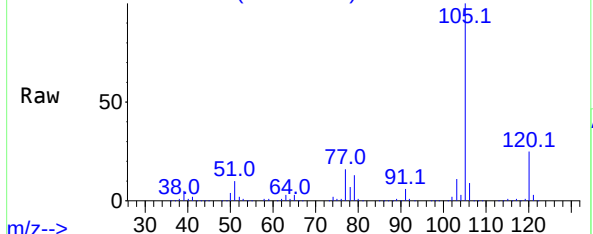
Tgt Ion:173 Resp: 62091
Ion Ratio Lower Upper
173 100
175 49.3 38.6 58.0
254 8.5 7.0 10.4



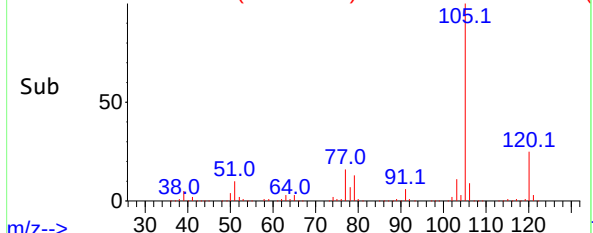
Abundance Scan 1734 (12.458 min): VW025340.D\data.ms (



m/z--> Abundance Scan 1734 (12.458 min): VW025345.D\data.ms



m/z--> Abundance Scan 1734 (12.458 min): VW025345.D\data.ms (



m/z-->

#60

Isopropylbenzene

Concen: 24.762 ug/L

RT: 12.458 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025345.D

Acq: 17 Feb 2023 15:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025541

Tgt Ion:105 Resp: 666586

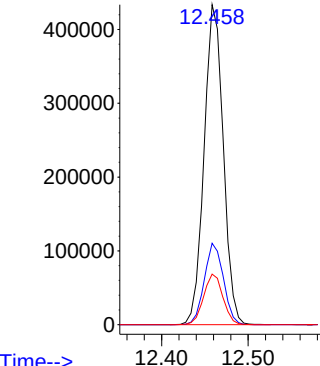
Ion Ratio Lower Upper

105 100

120 25.4 20.6 30.8

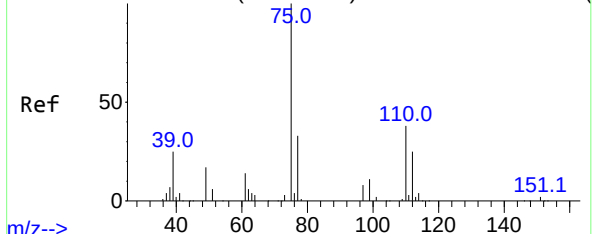
77 15.9 12.6 18.8

Abundance

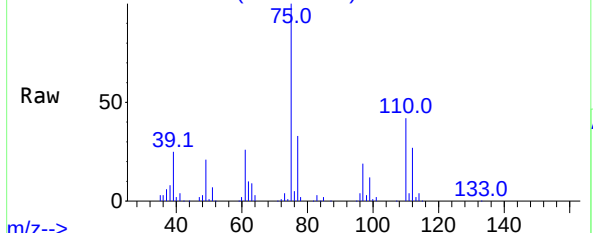


Time-->

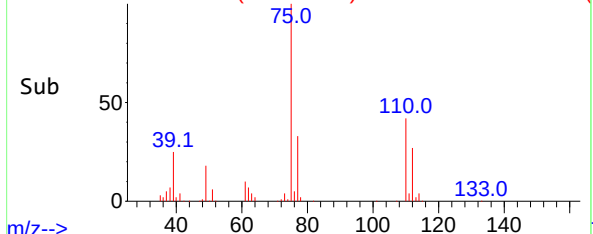
Abundance Scan 1784 (12.763 min): VW025340.D\data.ms (



m/z--> Abundance Scan 1784 (12.763 min): VW025345.D\data.ms



m/z--> Abundance Scan 1784 (12.763 min): VW025345.D\data.ms (



m/z-->

#61

1,2,3-Trichloropropane

Concen: 30.099 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW025345.D

Acq: 17 Feb 2023 15:01

Tgt Ion: 75 Resp: 85066

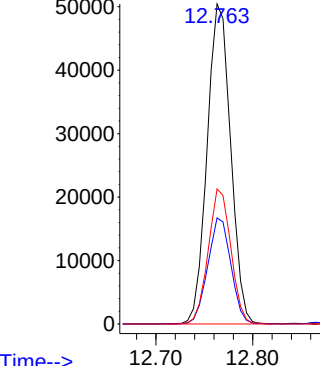
Ion Ratio Lower Upper

75 100

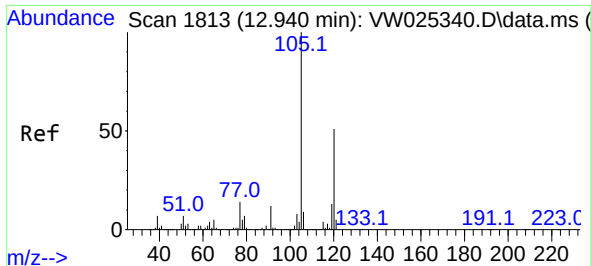
77 32.6 26.7 40.1

110 40.7 33.2 49.8

Abundance



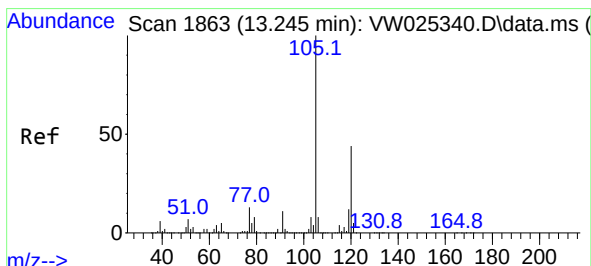
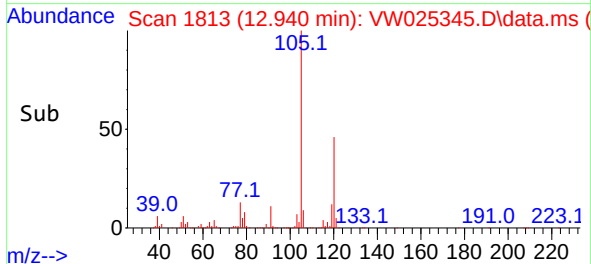
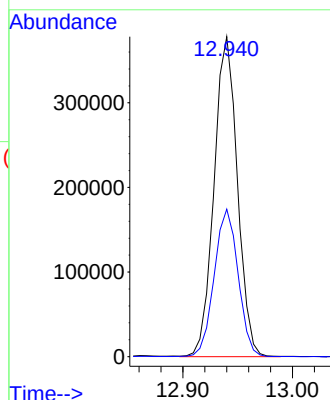
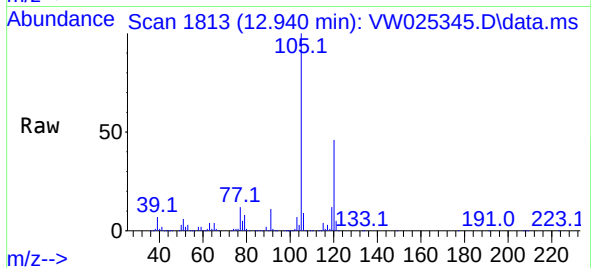
Time-->



#62
1,3,5-Trimethylbenzene
Concen: 25.770 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

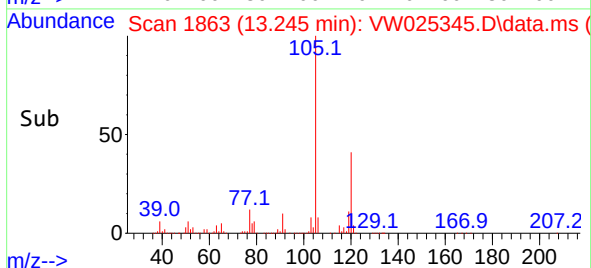
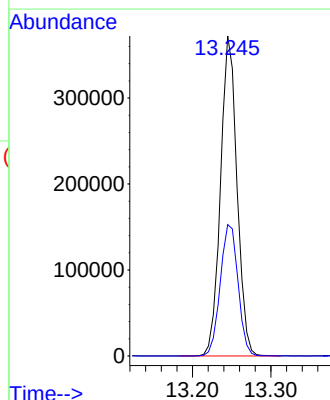
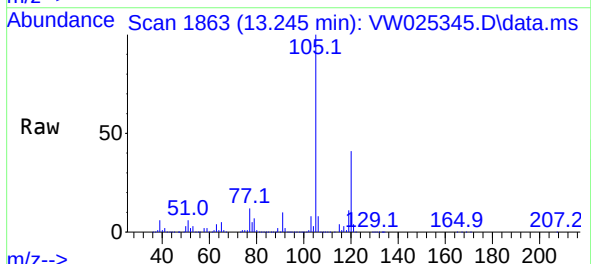
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

Tgt Ion:105 Resp: 559259
Ion Ratio Lower Upper
105 100
120 47.3 37.0 55.4

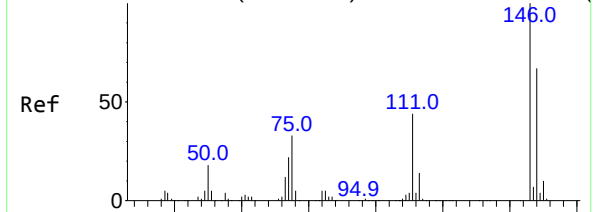


#63
1,2,4-Trimethylbenzene
Concen: 25.112 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

Tgt Ion:105 Resp: 546067
Ion Ratio Lower Upper
105 100
120 44.2 35.0 52.4

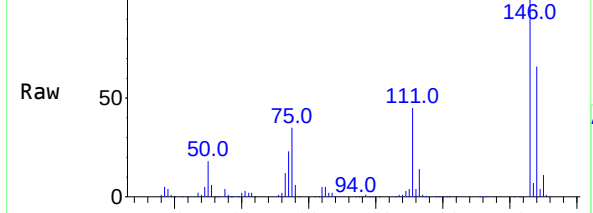


Abundance Scan 1904 (13.494 min): VW025340.D\data.ms (



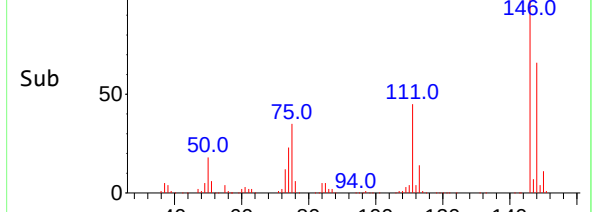
m/z-->

Abundance Scan 1904 (13.495 min): VW025345.D\data.ms



m/z-->

Abundance Scan 1904 (13.495 min): VW025345.D\data.ms (



m/z-->

#64

1,3-Dichlorobenzene

Concen: 24.869 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW025345.D

Acq: 17 Feb 2023 15:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025541

Tgt Ion:146 Resp: 277363

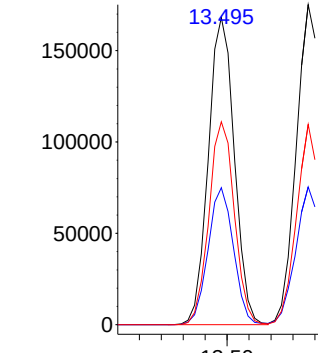
Ion Ratio Lower Upper

146 100

111 44.6 29.0 53.8

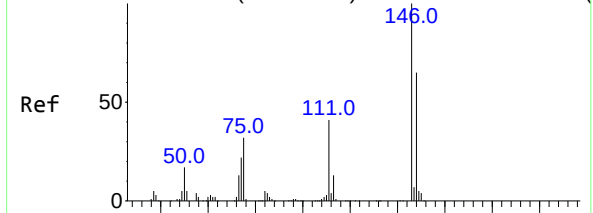
148 66.0 41.7 77.5

Abundance



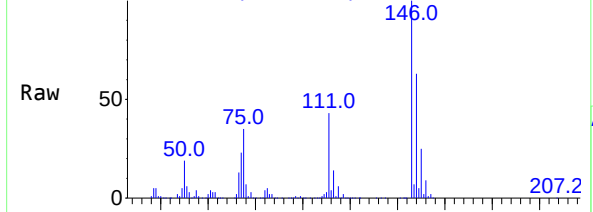
Time-->

Abundance Scan 1917 (13.574 min): VW025340.D\data.ms (



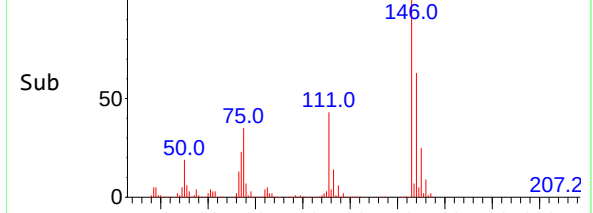
m/z-->

Abundance Scan 1917 (13.574 min): VW025345.D\data.ms



m/z-->

Abundance Scan 1917 (13.574 min): VW025345.D\data.ms (



m/z-->

#65

1,4-Dichlorobenzene

Concen: 25.316 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW025345.D

Acq: 17 Feb 2023 15:01

Tgt Ion:146 Resp: 278626

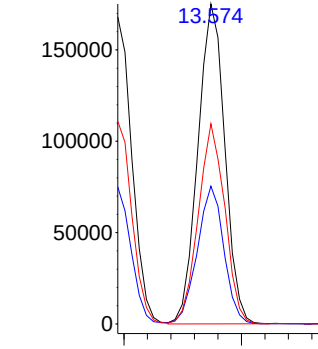
Ion Ratio Lower Upper

146 100

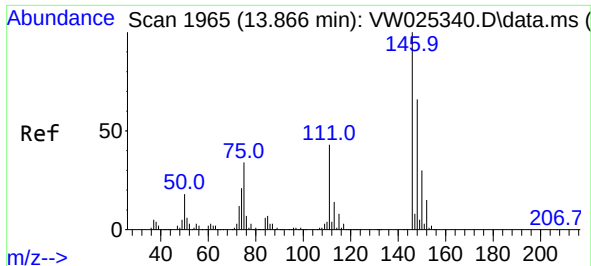
111 43.1 29.3 54.3

148 62.5 43.8 81.4

Abundance



Time-->



#67

1,2-Dichlorobenzene

Concen: 25.906 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025345.D

Acq: 17 Feb 2023 15:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025541

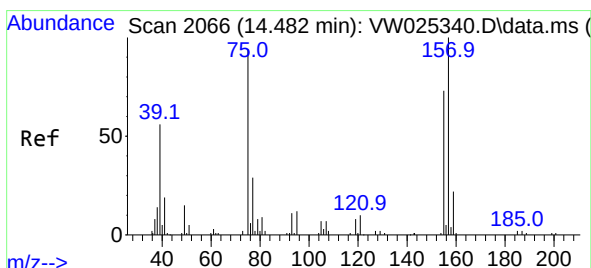
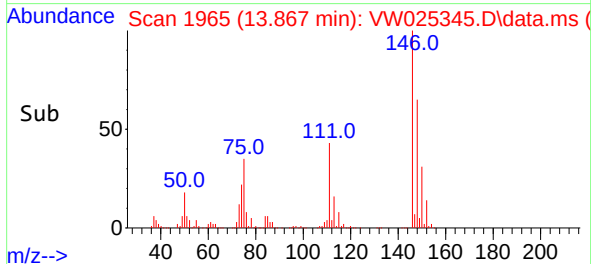
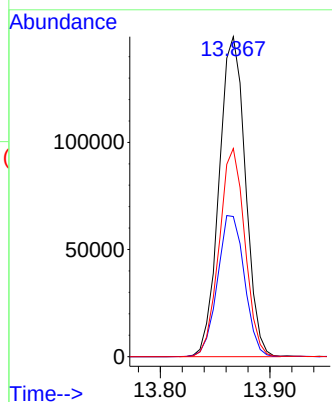
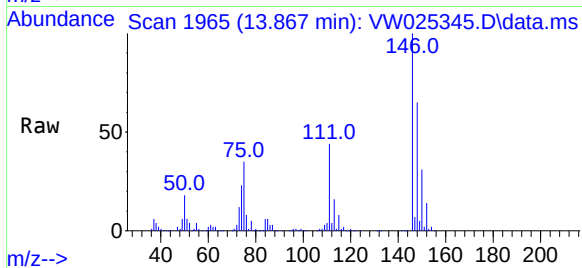
Tgt Ion:146 Resp: 248989

Ion Ratio Lower Upper

146 100

111 43.8 36.2 54.2

148 65.0 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 30.876 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW025345.D

Acq: 17 Feb 2023 15:01

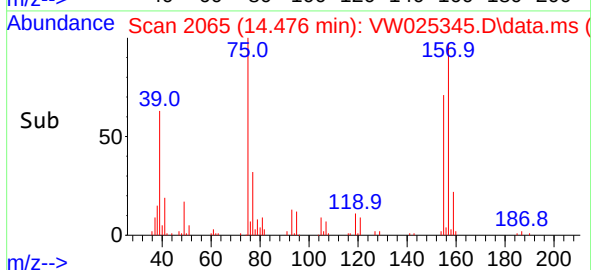
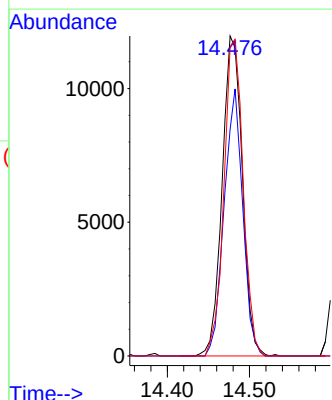
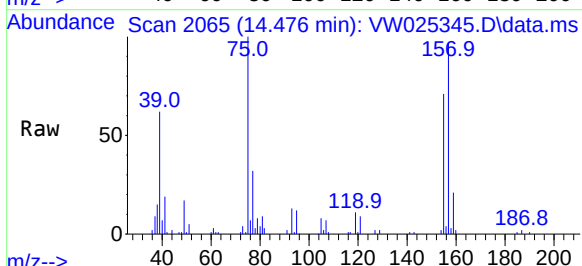
Tgt Ion: 75 Resp: 20381

Ion Ratio Lower Upper

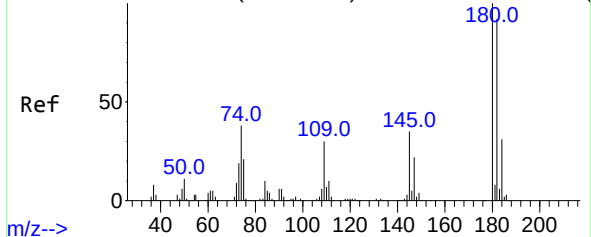
75 100

155 70.9 63.4 95.2

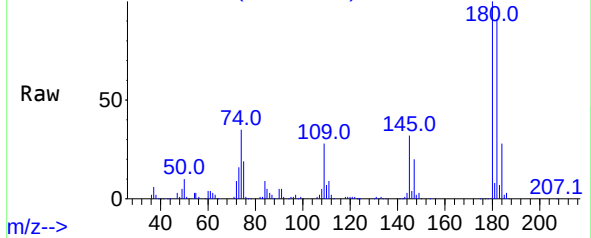
157 96.6 82.5 123.7



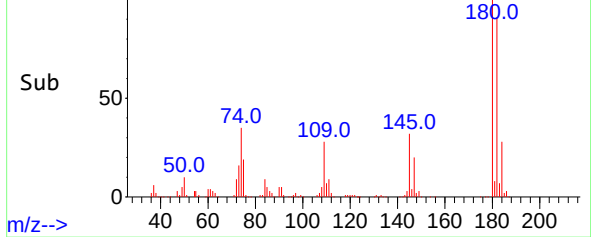
Abundance Scan 2089 (14.622 min): VW025340.D\data.ms (



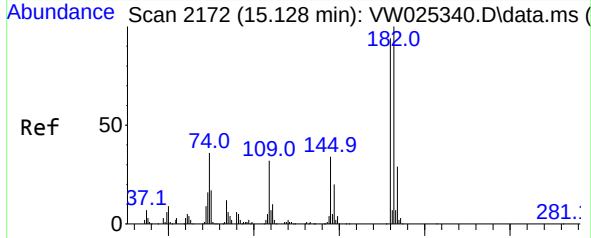
m/z--> Abundance Scan 2089 (14.623 min): VW025345.D\data.ms



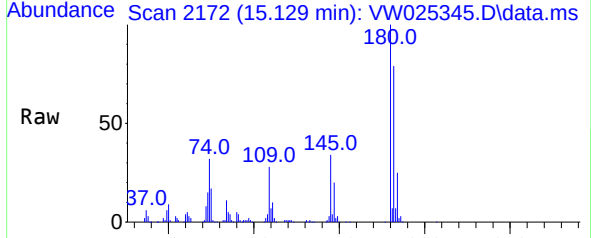
m/z--> Abundance Scan 2089 (14.623 min): VW025345.D\data.ms (



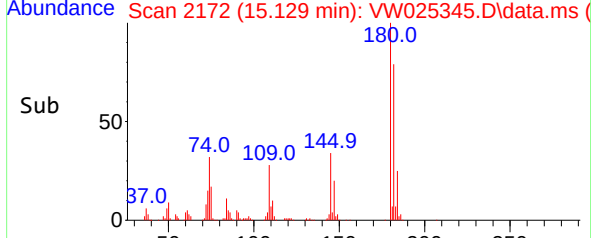
m/z--> Abundance Scan 2172 (15.128 min): VW025340.D\data.ms (



m/z--> Abundance Scan 2172 (15.129 min): VW025345.D\data.ms



m/z--> Abundance Scan 2172 (15.129 min): VW025345.D\data.ms (



m/z--> Abundance Scan 2172 (15.129 min): VW025345.D\data.ms (

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m/z--> Abundance Scan 2172 (15.129 min): VW025345.D\data.ms (

m/z--> Abundance Scan 2172 (15.129 min): VW025345.D\data.ms (

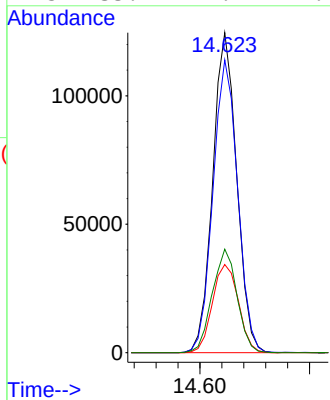
m/z--> Abundance Scan 2172 (15.129 min): VW025345.D\data.ms (

m/z--> Abundance Scan 2172 (15.129 min): VW025345.D\data.ms (

#69
1,3,5-Trichlorobenzene
Concen: 26.080 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

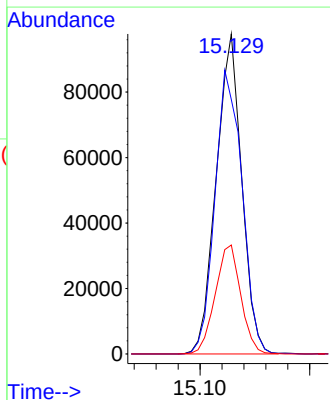
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

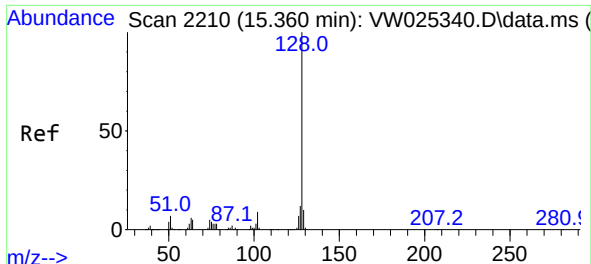
Tgt Ion:180	Resp:	189153
Ion	Ratio	Lower Upper
180	100	
182	94.3	77.7 116.5
184	29.9	24.4 36.6
145	33.4	27.4 41.2



#70
1,2,4-trichlorobenzene
Concen: 26.768 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

Tgt Ion:180	Resp:	158089
Ion	Ratio	Lower Upper
180	100	
182	94.3	76.4 114.6
145	34.2	27.4 41.2

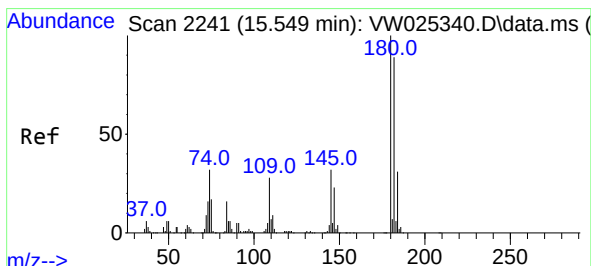
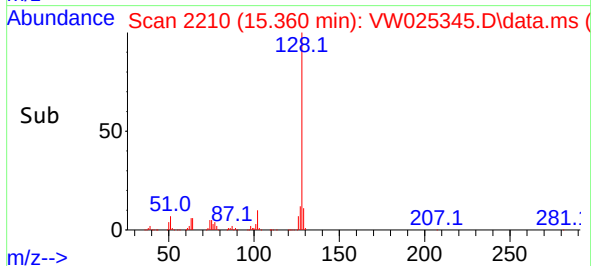
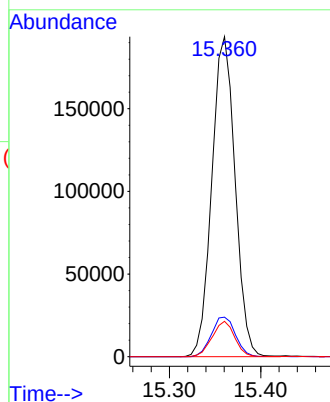
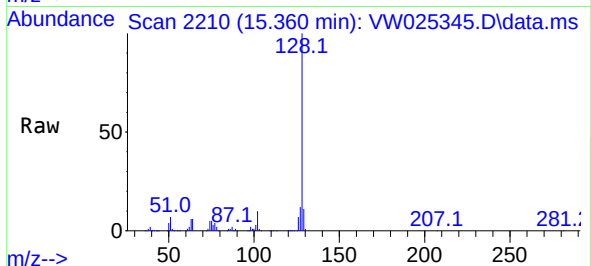




#71
Naphthalene
Concen: 31.660 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

Tgt Ion:128 Resp: 341800
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 27.330 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW025345.D
Acq: 17 Feb 2023 15:01

Tgt Ion:180 Resp: 138589
Ion Ratio Lower Upper
180 100
182 97.0 75.1 112.7
145 36.1 28.8 43.2

