

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021723\
 Data File : VW025340.D
 Acq On : 17 Feb 2023 11:34
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025540

Quant Time: Feb 18 01:21:28 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	345878	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	272730	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	156194	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	88862	26.550	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.200%
7) Chloroethane-d5	2.899	69	70171	23.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.440%
11) 1,1-Dichloroethene-d2	4.027	63	217758	23.463	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.840%
21) 2-Butanone-d5	7.075	46	47504	54.673	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.340%
24) Chloroform-d	7.648	84	223880	24.696	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	8.300	65	116179	26.309	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.240%
32) Benzene-d6	8.270	84	439566	26.592	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.360%
36) 1,2-Dichloropropane-d6	9.270	67	123044	25.441	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.760%
41) Toluene-d8	10.318	98	411451	27.846	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.400%
43) trans-1,3-Dichloroprop...	10.574	79	56730	31.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	125.560%
47) 2-Hexanone-d5	10.922	63	33845	62.414	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	94390	28.699	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	131299	24.229	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	85149	18.193	ug/L	99
3) Chloromethane	2.228	50	90895	20.233	ug/L	100
5) Vinyl chloride	2.375	62	101138	22.105	ug/L	96
6) Bromomethane	2.783	94	68871	21.984	ug/L	97
8) Chloroethane	2.935	64	64369	22.536	ug/L	98
9) Trichlorofluoromethane	3.265	101	120540	18.316	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	115765	24.259	ug/L	97
12) 1,1-Dichloroethene	4.045	96	107693	22.734	ug/L	94
13) Acetone	4.112	43	55195	57.612	ug/L	98
14) Carbon disulfide	4.392	76	307443	19.860	ug/L	98
15) Methyl Acetate	4.667	43	45288	27.626	ug/L	98
16) Methylene chloride	4.917	84	117122	19.892	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	115185	22.641	ug/L	96
18) Methyl tert-butyl Ether	5.417	73	173941	23.784	ug/L	99
19) 1,1-Dichloroethane	6.215	63	222093	24.517	ug/L	98
20) cis-1,2-Dichloroethene	7.166	96	127972	23.957	ug/L	95
22) 2-Butanone	7.166	43	67137	57.626	ug/L	99
23) Bromochloromethane	7.514	128	55332	25.148	ug/L	93
25) Chloroform	7.672	83	227883	24.456	ug/L	99

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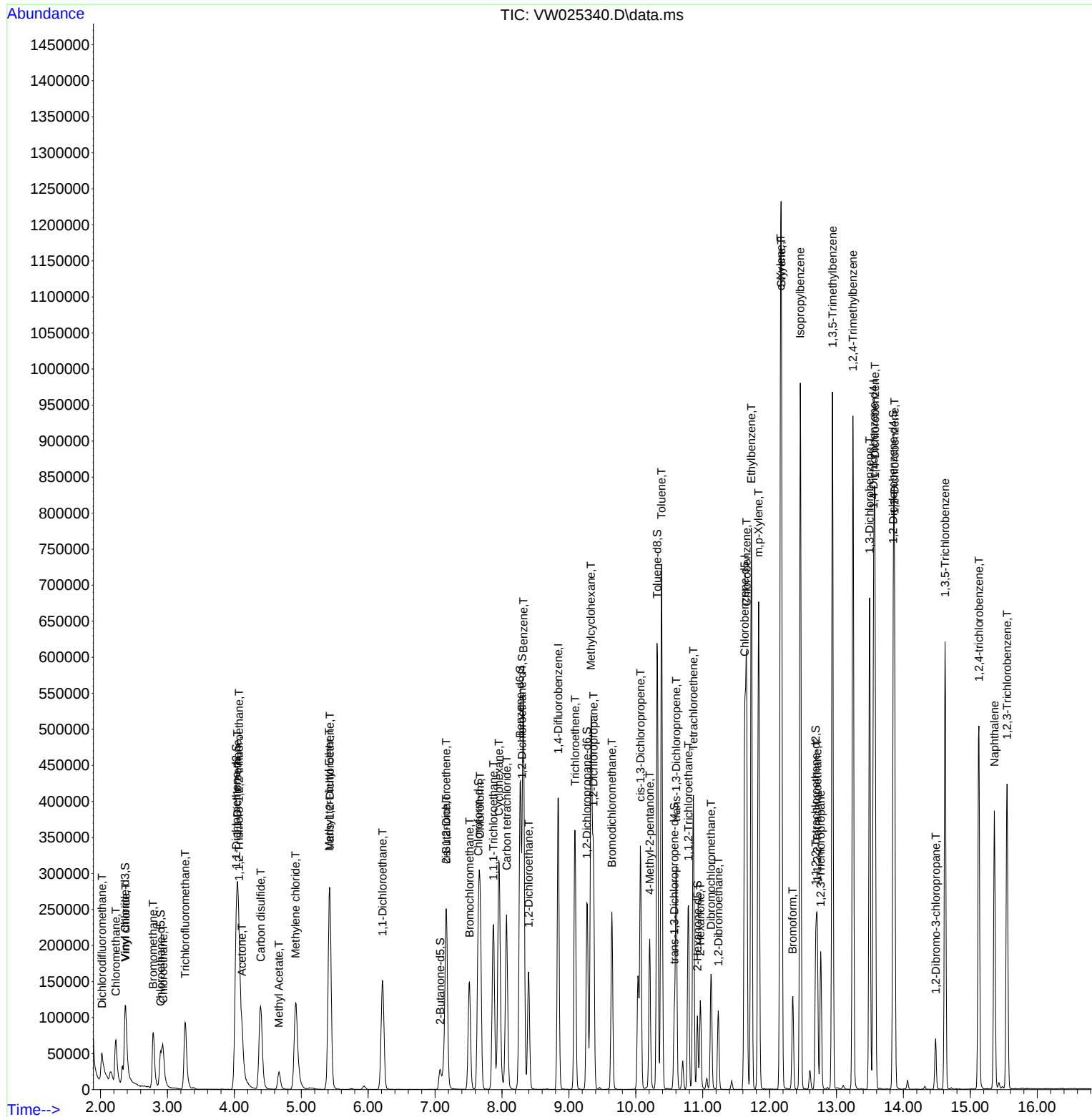
Quant Time: Feb 18 01:21:28 2023
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 Quant Title : SFAM01.0
 QLast Update : Wed Feb 15 22:06:10 2023
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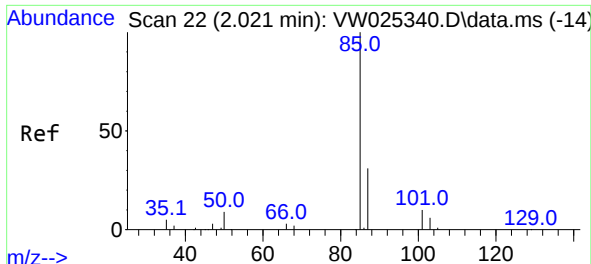
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	153071	26.972	ug/L	99
29) Cyclohexane	7.953	56	190299	24.229	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	195281	25.243	ug/L	99
31) Carbon tetrachloride	8.069	117	188329	26.321	ug/L	97
33) Benzene	8.319	78	482219	25.550	ug/L	100
34) Trichloroethene	9.093	95	131117	24.802	ug/L	97
35) Methylcyclohexane	9.331	83	221190	23.440	ug/L	100
37) 1,2-Dichloropropane	9.367	63	119867	25.751	ug/L	100
38) Bromodichloromethane	9.642	83	163961	26.490	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	203564	26.709	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	130618	63.552	ug/L	99
42) Toluene	10.385	91	517178	27.556	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	170879	31.453	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	80452	27.424	ug/L	96
46) Tetrachloroethene	10.861	164	89365	26.451	ug/L	85
48) 2-Hexanone	10.964	43	73237	56.444	ug/L	98
49) Dibromochloromethane	11.123	129	88285	26.644	ug/L	93
50) 1,2-Dibromoethane	11.233	107	71440	26.583	ug/L #	92
51) Chlorobenzene	11.653	112	304659	24.666	ug/L	99
52) Ethylbenzene	11.727	91	551078	24.506	ug/L	100
53) m,p-Xylene	11.836	106	205183	24.076	ug/L	99
54) o-Xylene	12.165	106	219551	25.591	ug/L	99
55) Styrene	12.178	104	377631	25.996	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	104838	29.992	ug/L	97
59) Bromoform	12.342	173	60358	27.237	ug/L #	98
60) Isopropylbenzene	12.458	105	625863	23.660	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	79166	28.506	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	514487	24.126	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	514159	24.062	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	265946	24.267	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	267956	24.777	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	232247	24.591	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	19040	29.354	ug/L	97
69) 1,3,5-Trichlorobenzene	14.622	180	181452	25.460	ug/L	96
70) 1,2,4-trichlorobenzene	15.128	180	150117	25.868	ug/L	98
71) Naphthalene	15.360	128	315294	29.721	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	133656	26.823	ug/L	98

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

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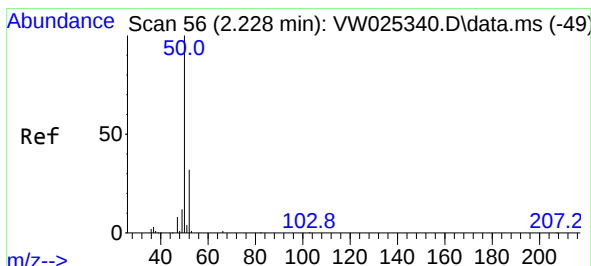
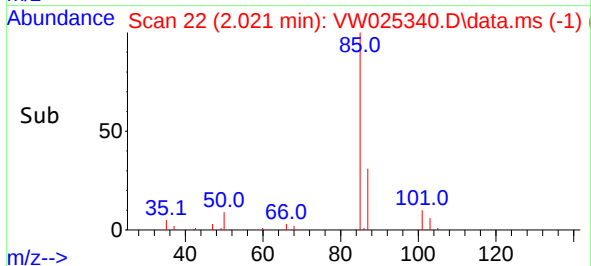
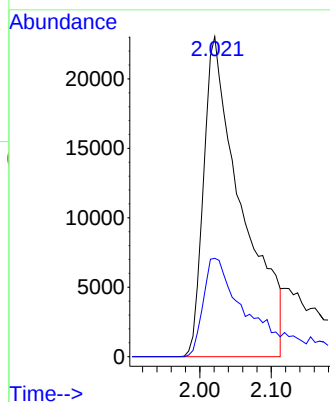
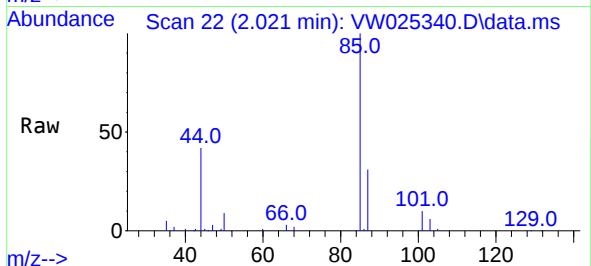




#2
Dichlorodifluoromethane
Concen: 18.193 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

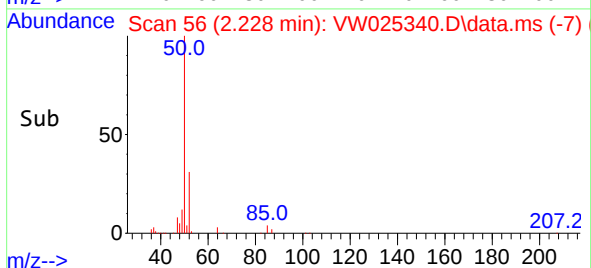
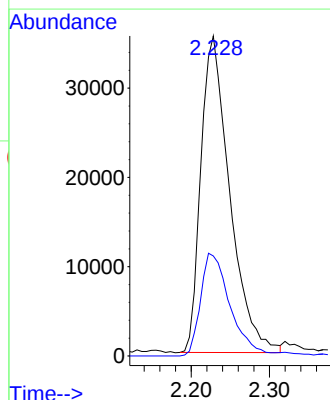
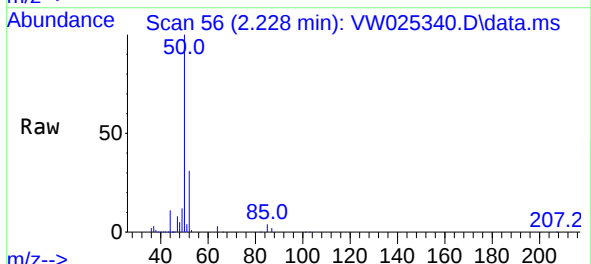
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

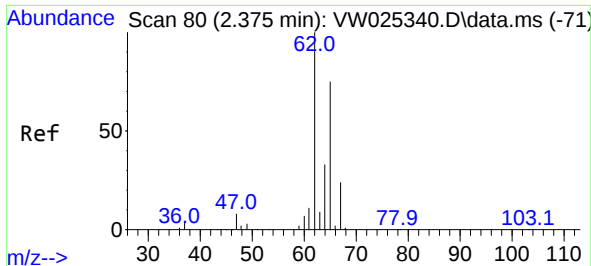
Tgt Ion: 85 Resp: 85149
Ion Ratio Lower Upper
85 100
87 29.6 23.3 34.9



#3
Chloromethane
Concen: 20.233 ug/L
RT: 2.228 min Scan# 56
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion: 50 Resp: 90895
Ion Ratio Lower Upper
50 100
52 31.2 22.0 40.8

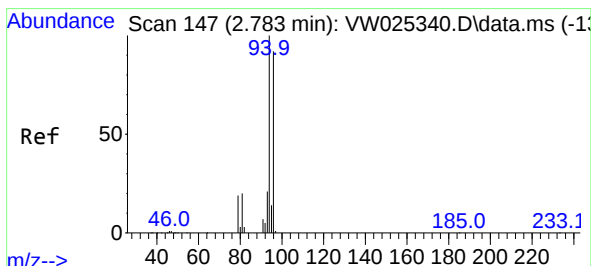
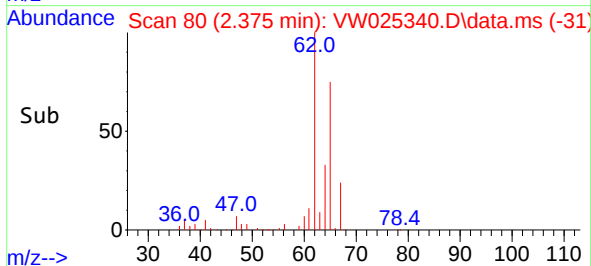
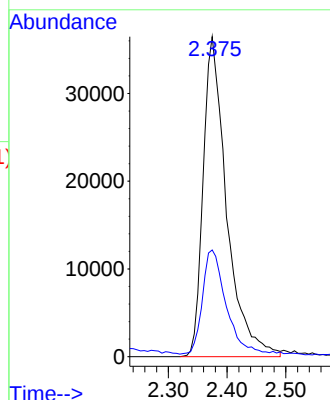
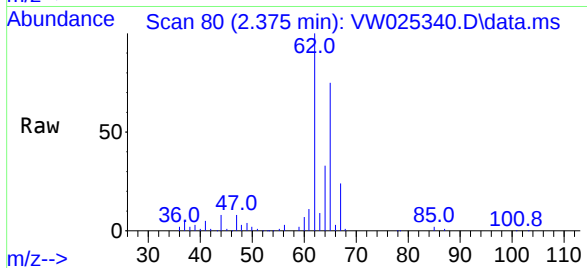




#5
 Vinyl chloride
 Concen: 22.105 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025340.D
 Acq: 17 Feb 2023 11:34

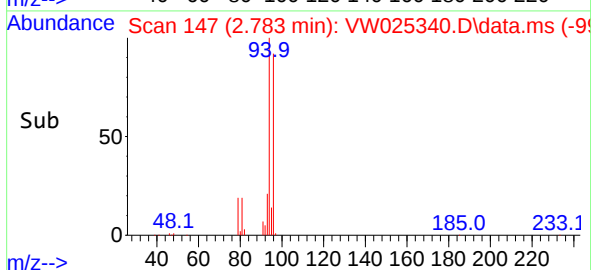
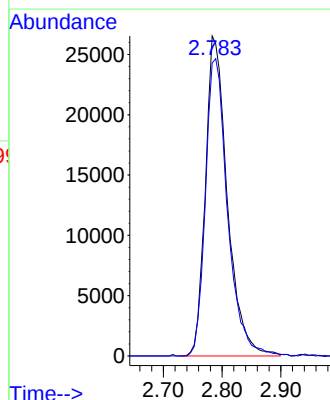
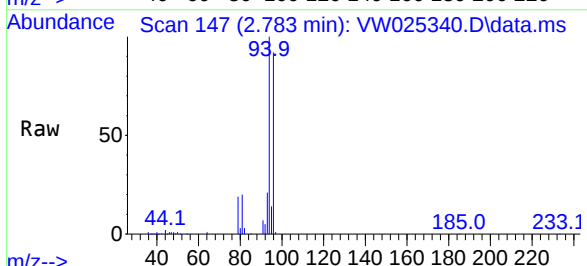
Instrument :
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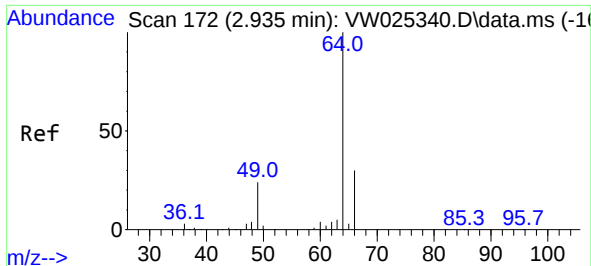
Tgt Ion: 62 Resp: 101138
 Ion Ratio Lower Upper
 62 100
 64 33.4 21.8 40.6



#6
 Bromomethane
 Concen: 21.984 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.007 min
 Lab File: VW025340.D
 Acq: 17 Feb 2023 11:34

Tgt Ion: 94 Resp: 68871
 Ion Ratio Lower Upper
 94 100
 96 91.5 66.3 123.1

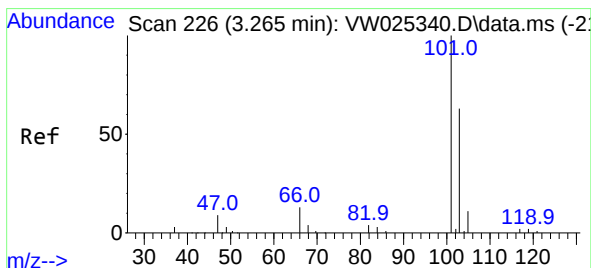
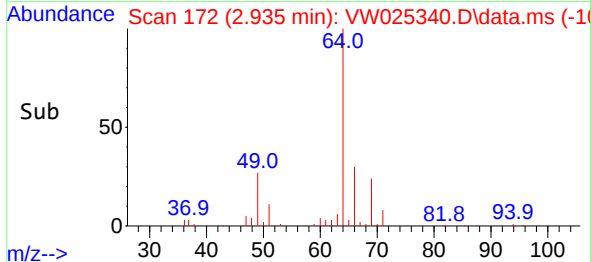
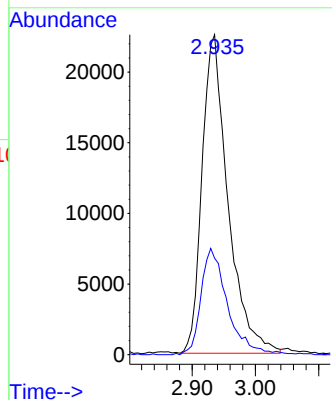
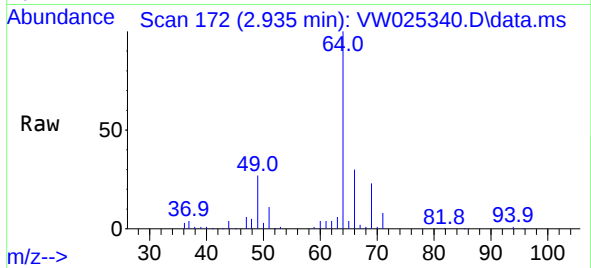




#8
Chloroethane
Concen: 22.536 ug/L
RT: 2.935 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

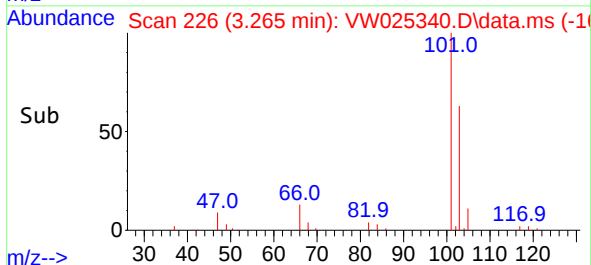
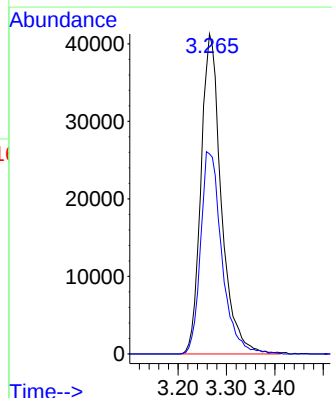
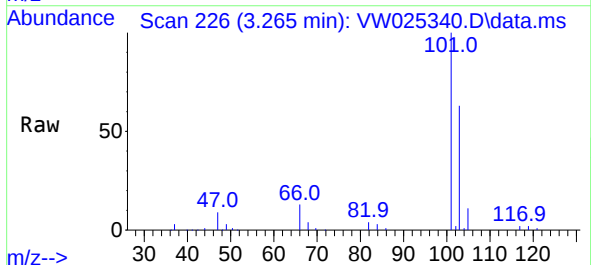
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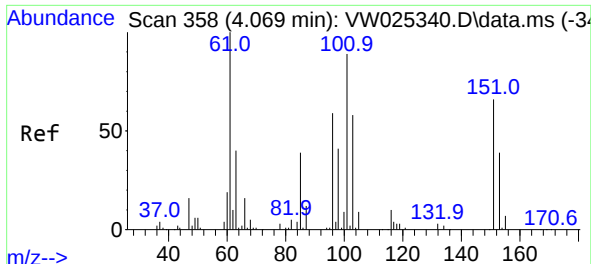
Tgt Ion: 64 Resp: 64369
Ion Ratio Lower Upper
64 100
66 30.2 21.9 40.7



#9
Trichlorofluoromethane
Concen: 18.316 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion:101 Resp: 120540
Ion Ratio Lower Upper
101 100
103 65.9 52.4 78.6

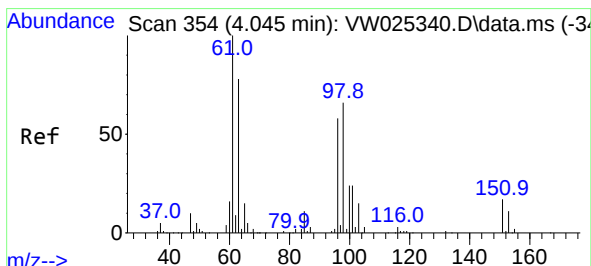
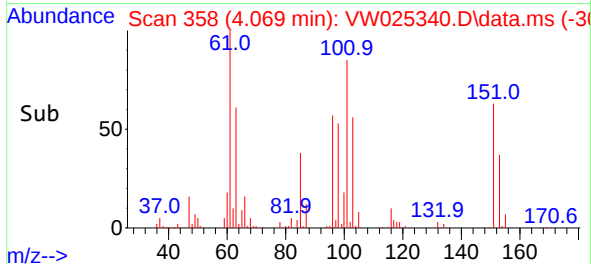
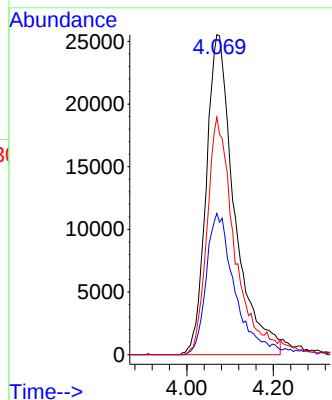
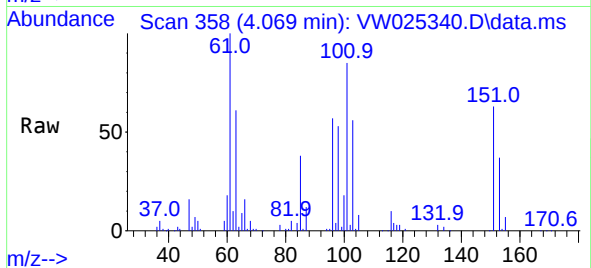




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.259 ug/L
RT: 4.069 min Scan# 358
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

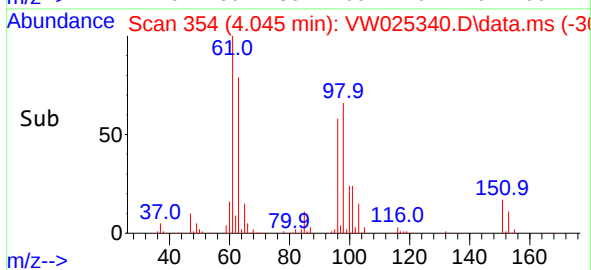
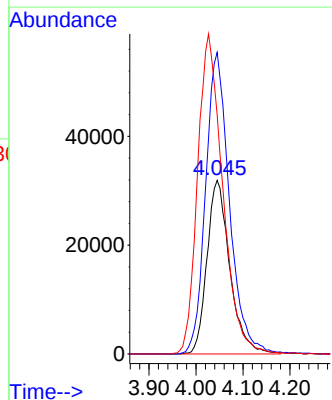
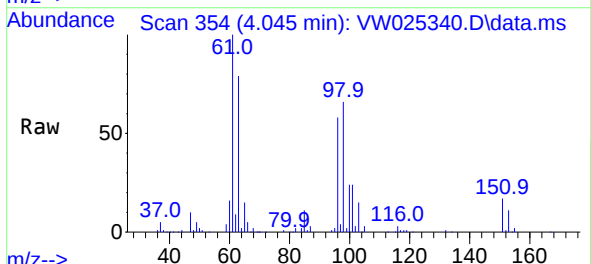
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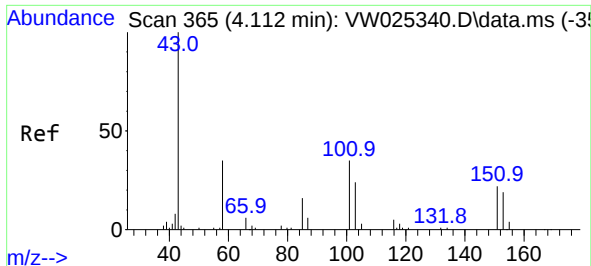
Tgt Ion:101 Resp: 115765
Ion Ratio Lower Upper
101 100
85 43.7 32.8 49.2
151 69.8 54.7 82.1



#12
1,1-Dichloroethene
Concen: 22.734 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion: 96 Resp: 107693
Ion Ratio Lower Upper
96 100
61 173.6 120.8 224.4
63 137.7 85.7 159.1

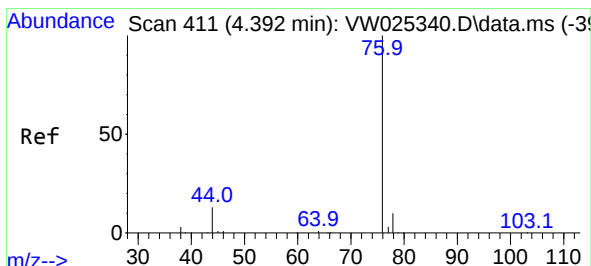
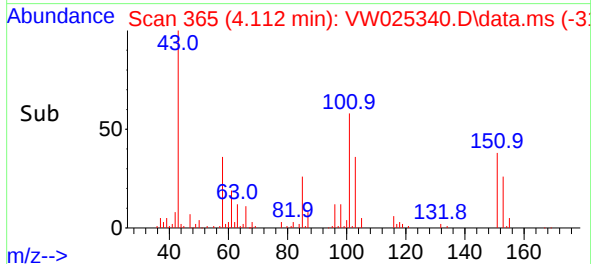
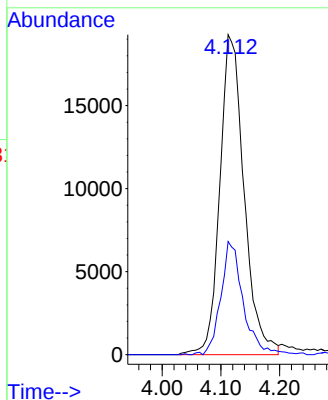
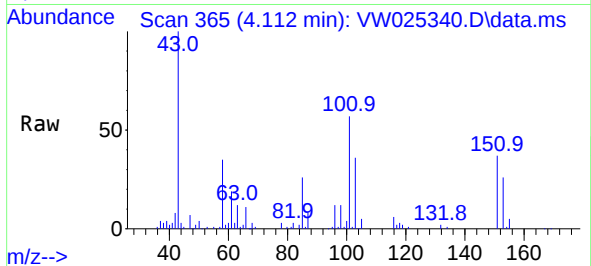




#13
Acetone
Concen: 57.612 ug/L
RT: 4.112 min Scan# 365
Delta R.T. -0.013 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

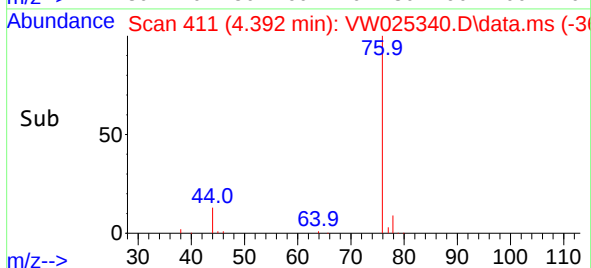
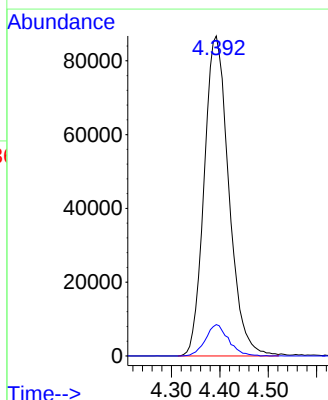
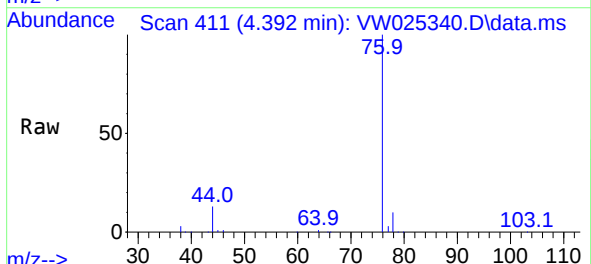
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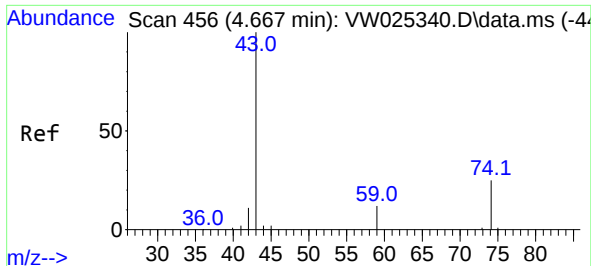
Tgt Ion: 43 Resp: 55195
Ion Ratio Lower Upper
43 100
58 32.4 0.0 63.0



#14
Carbon disulfide
Concen: 19.860 ug/L
RT: 4.392 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion: 76 Resp: 307443
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9

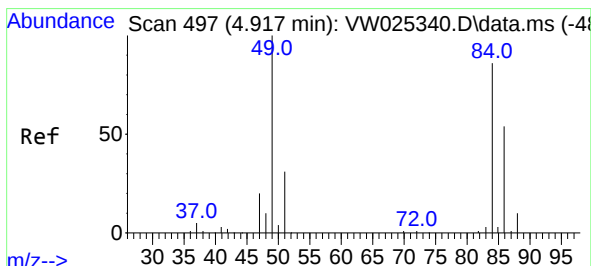
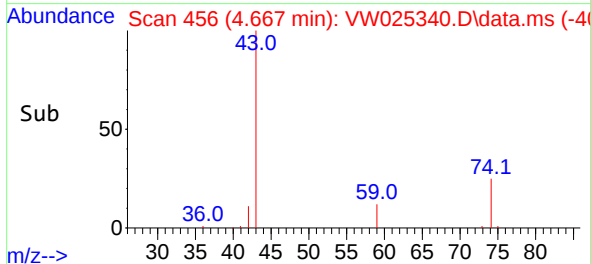
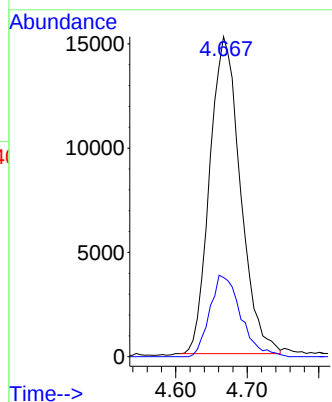
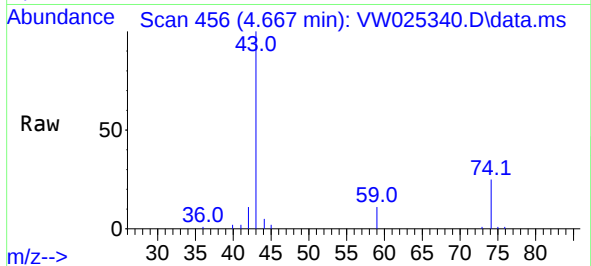




#15
Methyl Acetate
Concen: 27.626 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

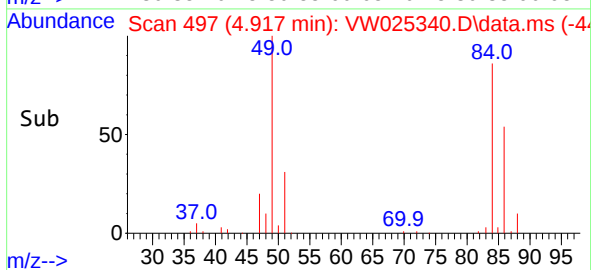
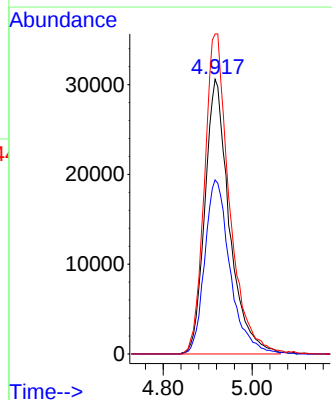
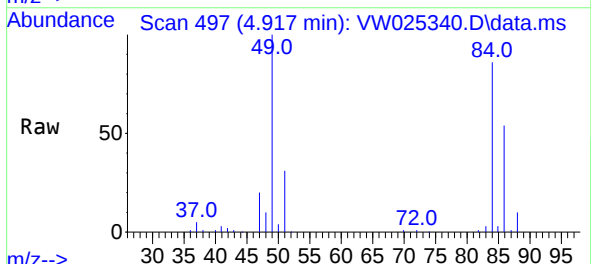
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

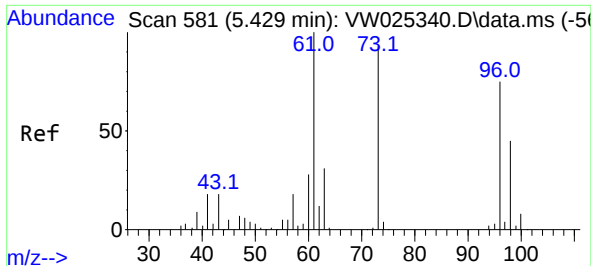
Tgt Ion: 43 Resp: 45288
Ion Ratio Lower Upper
43 100
74 26.0 20.2 30.2



#16
Methylene chloride
Concen: 19.892 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion: 84 Resp: 117122
Ion Ratio Lower Upper
84 100
86 63.4 47.2 87.6
49 116.5 86.5 160.7

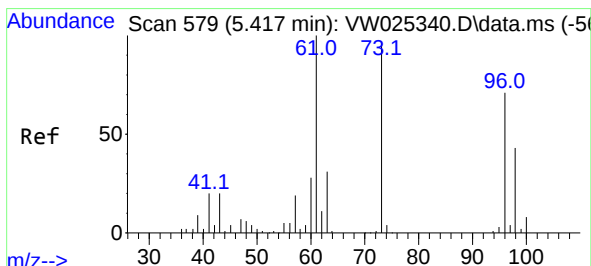
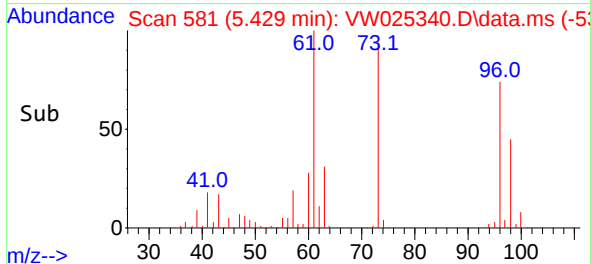
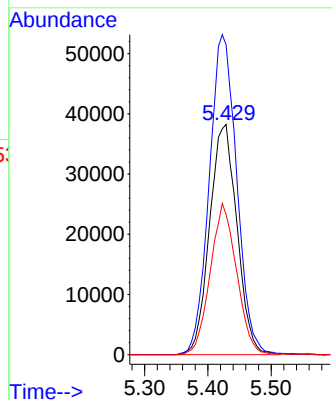
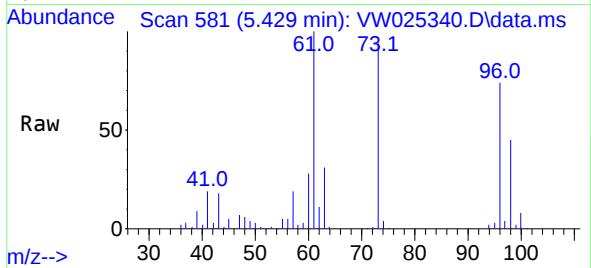




#17
trans-1,2-Dichloroethene
Concen: 22.641 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

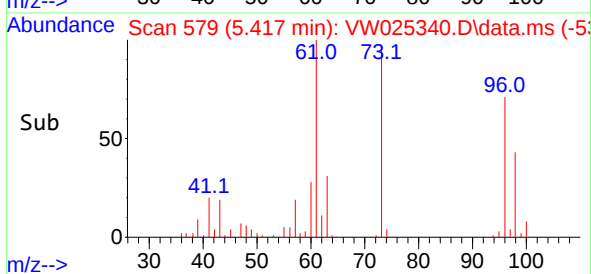
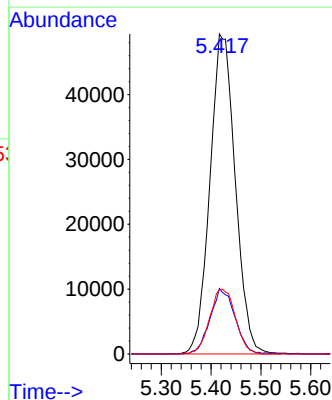
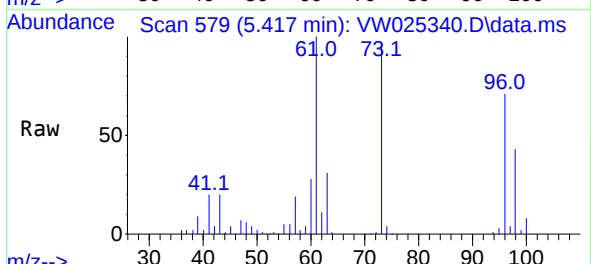
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

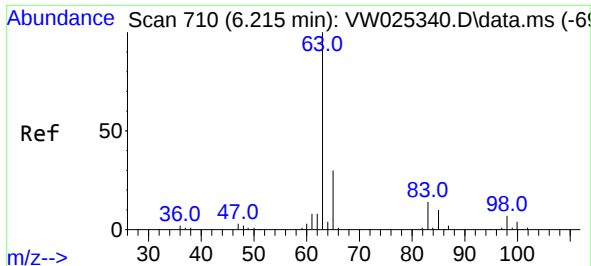
Tgt Ion: 96 Resp: 115185
Ion Ratio Lower Upper
96 100
61 134.6 98.4 182.8
98 60.9 43.5 80.9



#18
Methyl tert-butyl Ether
Concen: 23.784 ug/L
RT: 5.417 min Scan# 579
Delta R.T. -0.007 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion: 73 Resp: 173941
Ion Ratio Lower Upper
73 100
43 20.0 15.8 23.6
57 20.6 17.0 25.4

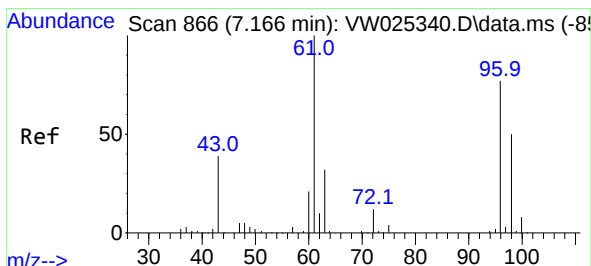
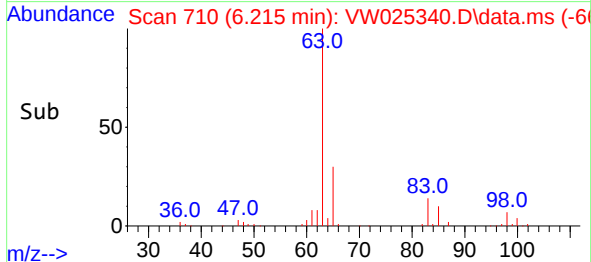
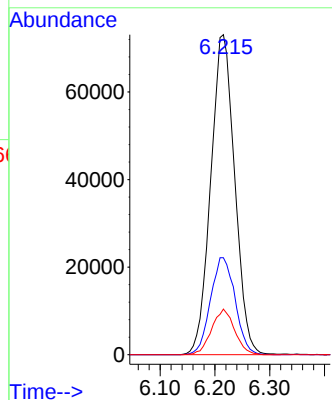
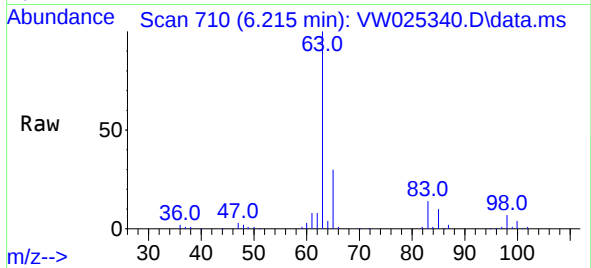




#19
1,1-Dichloroethane
Concen: 24.517 ug/L
RT: 6.215 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

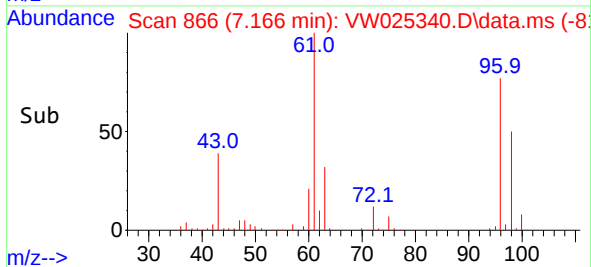
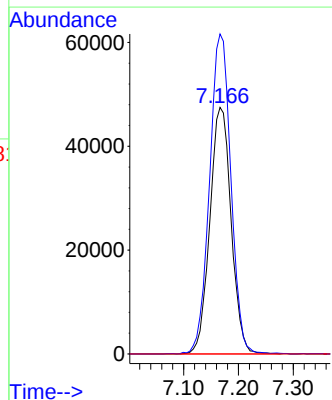
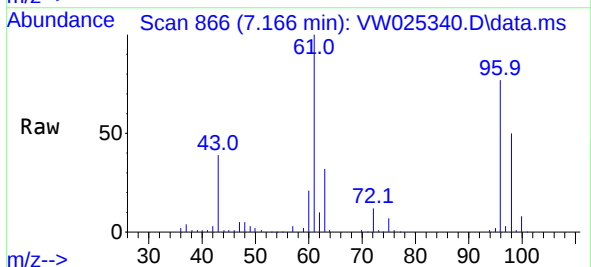
Instrument :
MSVOA_W
ClientSampled :
VSTD025540

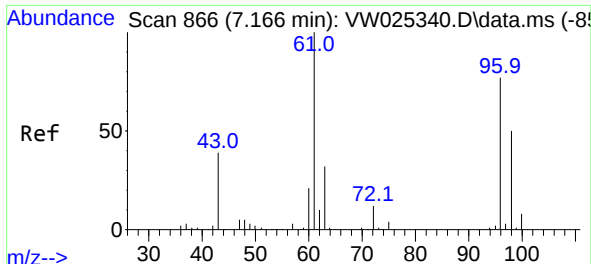
Tgt Ion: 63 Resp: 222093
Ion Ratio Lower Upper
63 100
65 30.3 22.0 41.0
83 14.2 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 23.957 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion: 96 Resp: 127972
Ion Ratio Lower Upper
96 100
61 129.8 87.2 162.0
68 0.0 0.0 0.0

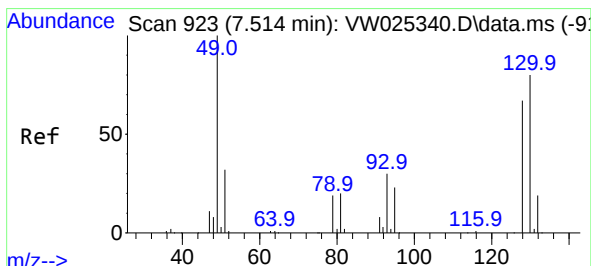
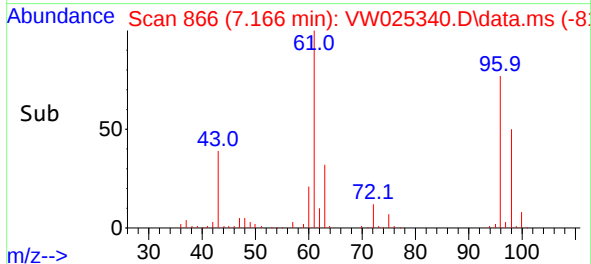
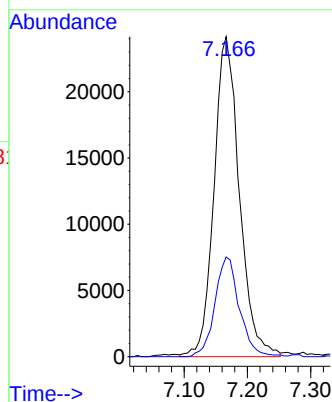
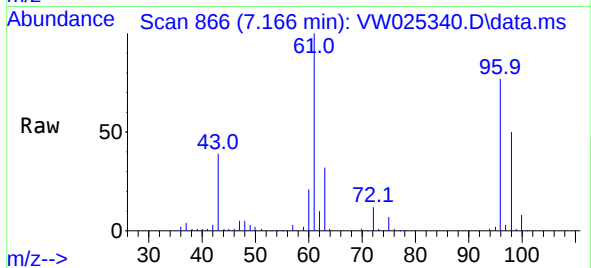




#22
2-Butanone
Concen: 57.626 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.007 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

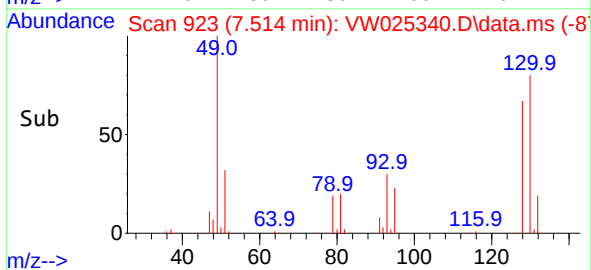
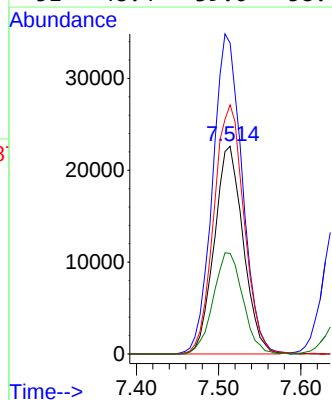
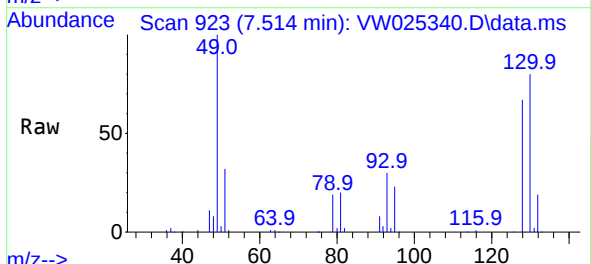
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

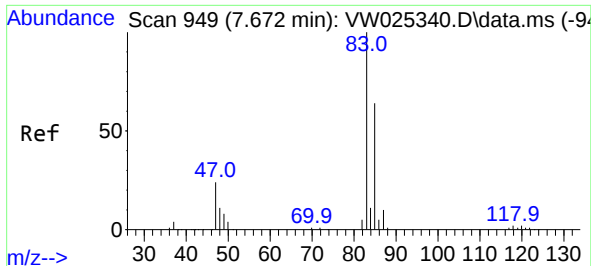
Tgt Ion: 43 Resp: 67137
Ion Ratio Lower Upper
43 100
72 29.8 15.2 45.6



#23
Bromochloromethane
Concen: 25.148 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion: 128 Resp: 55332
Ion Ratio Lower Upper
128 100
49 149.7 109.0 202.4
130 120.0 93.3 173.3
51 48.4 39.0 58.4

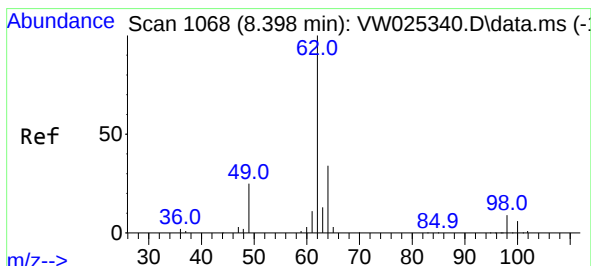
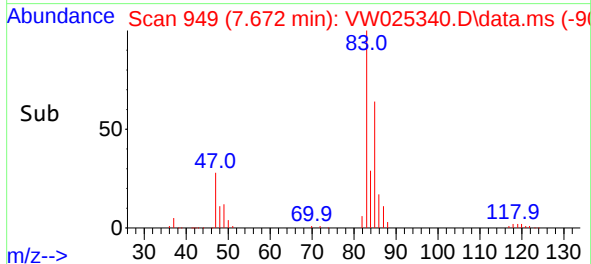
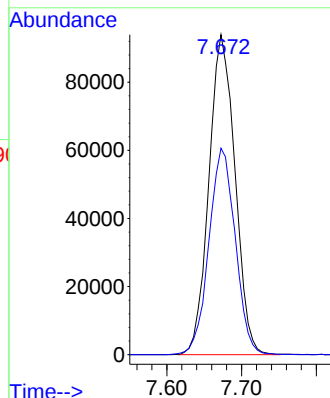
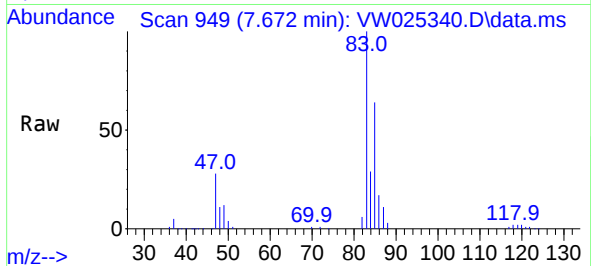




#25
Chloroform
Concen: 24.456 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

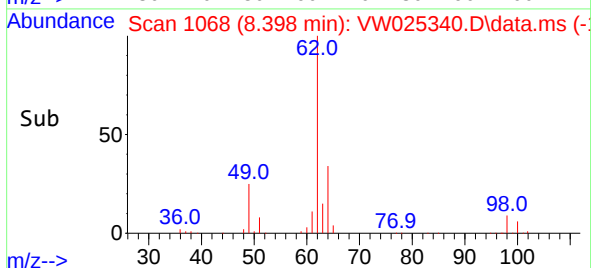
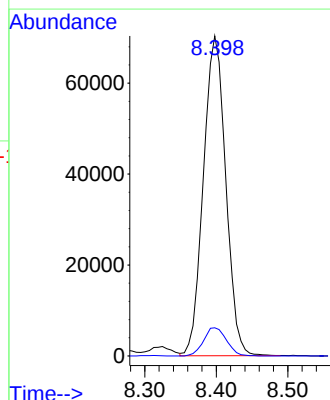
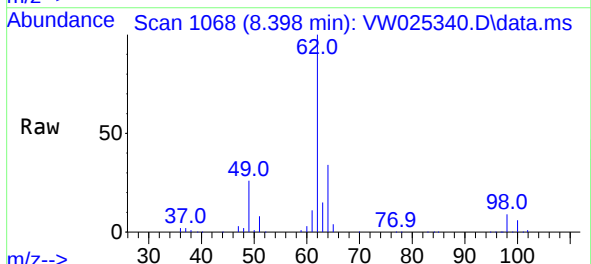
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

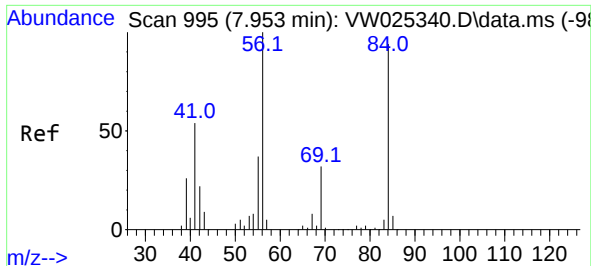
Tgt Ion: 83 Resp: 227883
Ion Ratio Lower Upper
83 100
85 64.5 45.8 85.0



#27
1,2-Dichloroethane
Concen: 26.972 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion: 62 Resp: 153071
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.0





#29

Cyclohexane

Concen: 24.229 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW025340.D

Acq: 17 Feb 2023 11:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

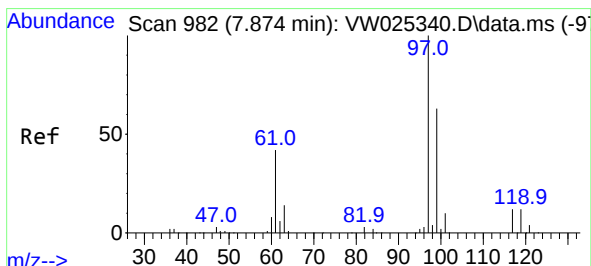
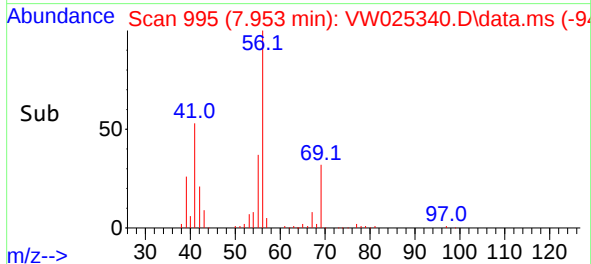
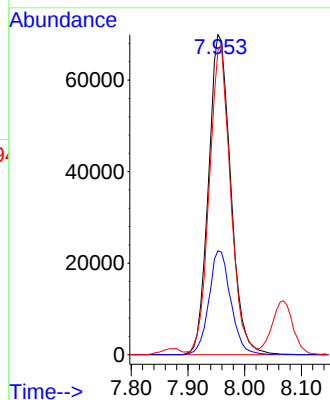
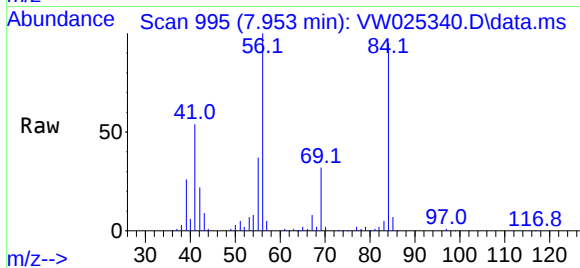
Tgt Ion: 56 Resp: 190299

Ion Ratio Lower Upper

56 100

69 31.9 25.1 37.7

84 92.8 73.2 109.8



#30

1,1,1-Trichloroethane

Concen: 25.243 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW025340.D

Acq: 17 Feb 2023 11:34

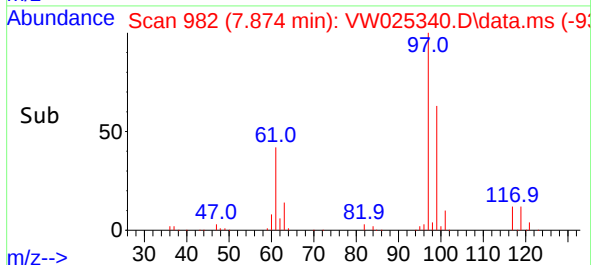
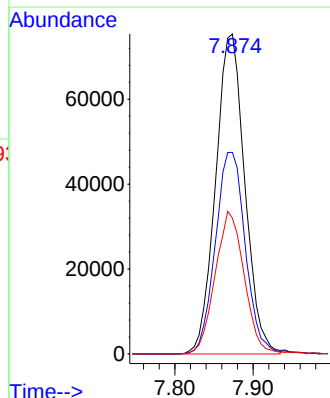
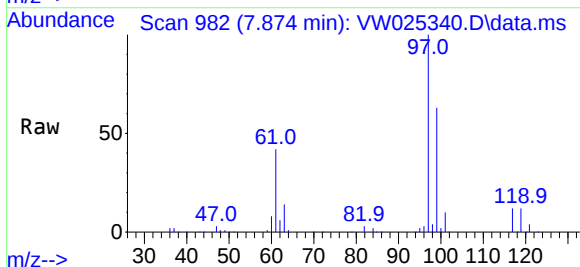
Tgt Ion: 97 Resp: 195281

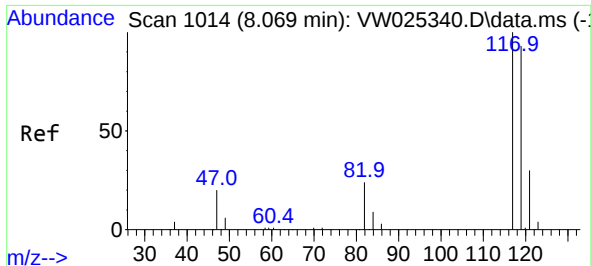
Ion Ratio Lower Upper

97 100

99 64.6 51.2 76.8

61 44.3 35.0 52.6

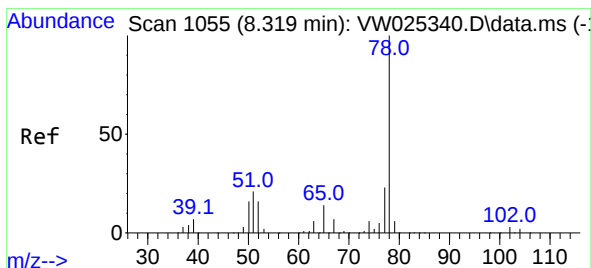
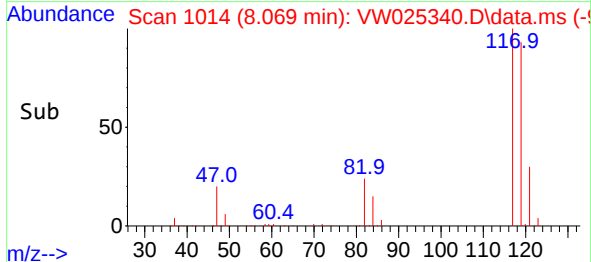
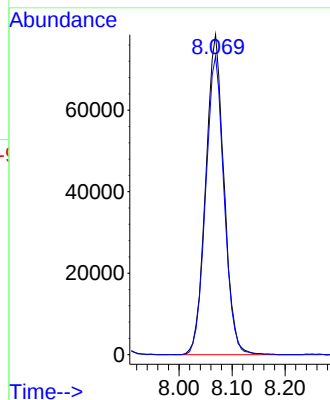
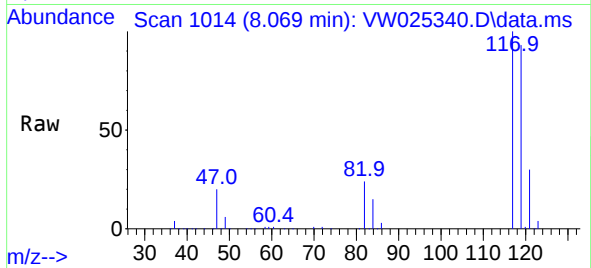




#31
Carbon tetrachloride
Concen: 26.321 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

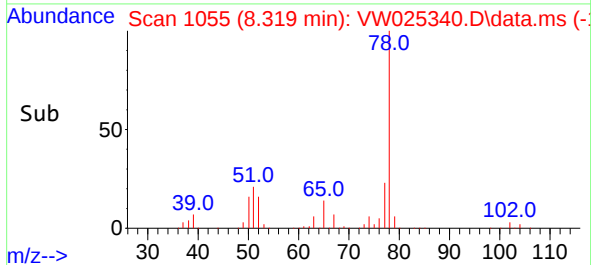
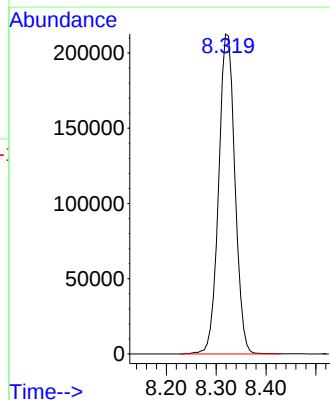
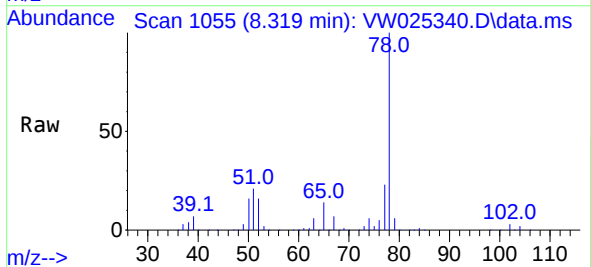
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

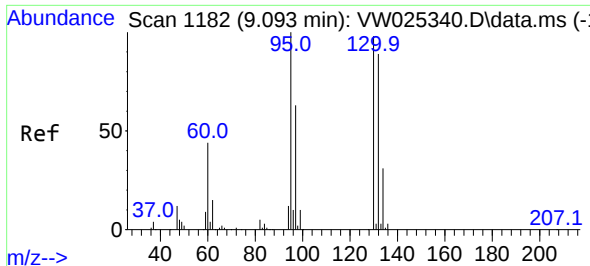
Tgt Ion:117 Resp: 188329
Ion Ratio Lower Upper
117 100
119 93.8 77.6 116.4



#33
Benzene
Concen: 25.550 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.007 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion: 78 Resp: 482219

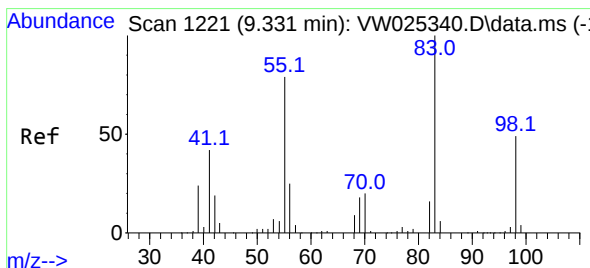
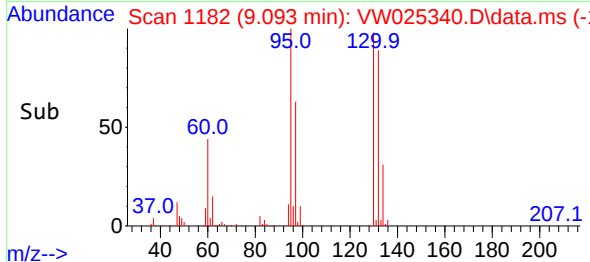
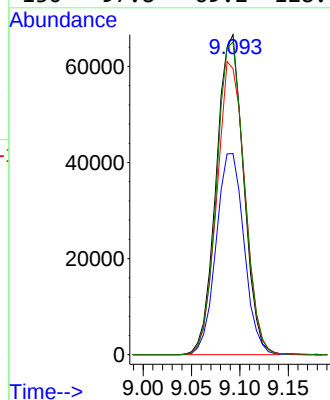
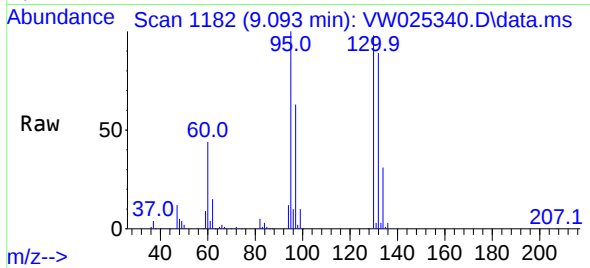




#34
Trichloroethene
Concen: 24.802 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

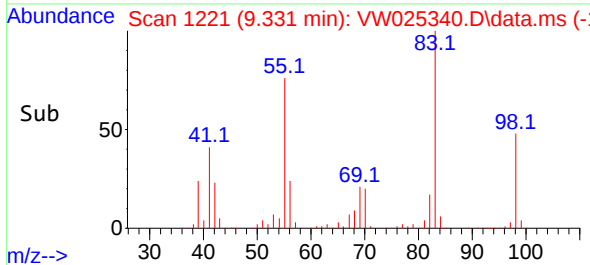
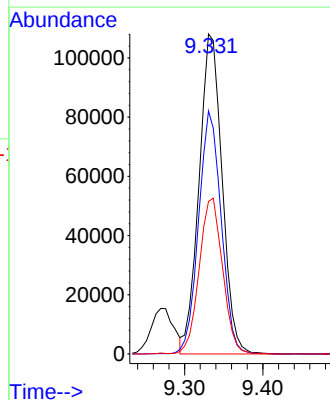
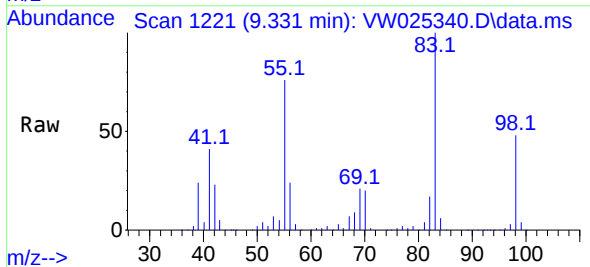
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

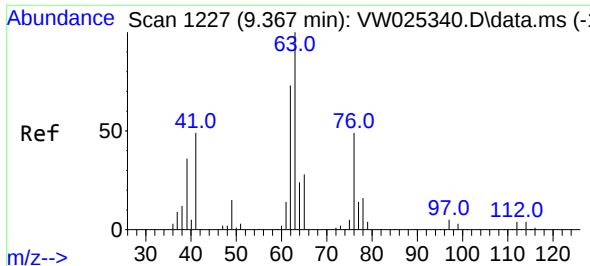
Tgt Ion: 95 Resp: 131117
Ion Ratio Lower Upper
95 100
97 62.9 45.4 84.2
132 89.4 67.1 124.5
130 97.8 69.2 128.6



#35
Methylcyclohexane
Concen: 23.440 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.007 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion: 83 Resp: 221190
Ion Ratio Lower Upper
83 100
55 74.1 58.8 88.2
98 49.4 39.5 59.3





#37

1,2-Dichloropropane

Concen: 25.751 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW025340.D

Acq: 17 Feb 2023 11:34

Instrument :

MSVOA_W

ClientSampleId :

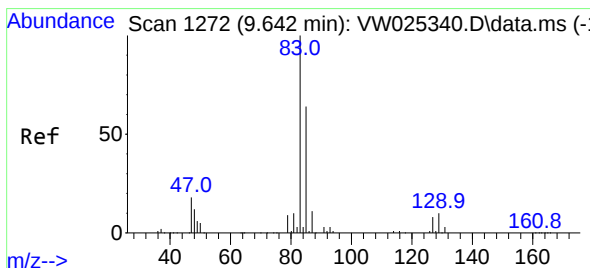
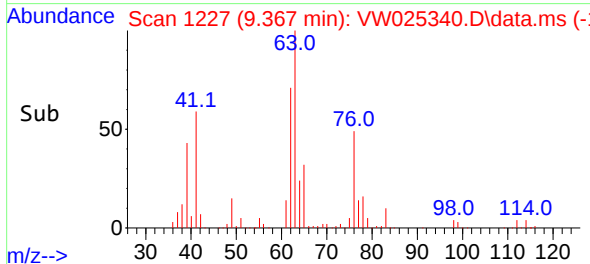
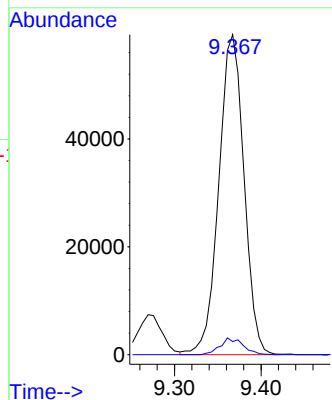
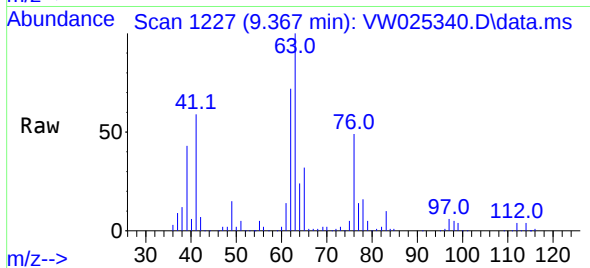
VSTD025540

Tgt Ion: 63 Resp: 119867

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 26.490 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025340.D

Acq: 17 Feb 2023 11:34

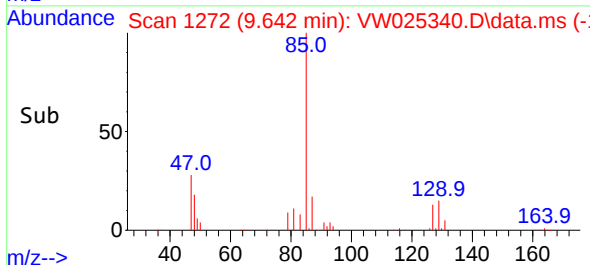
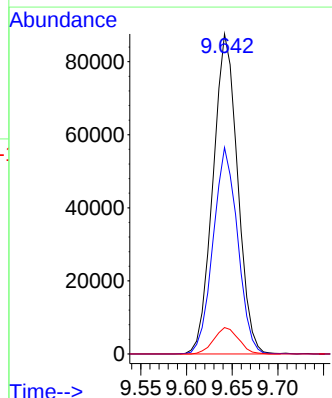
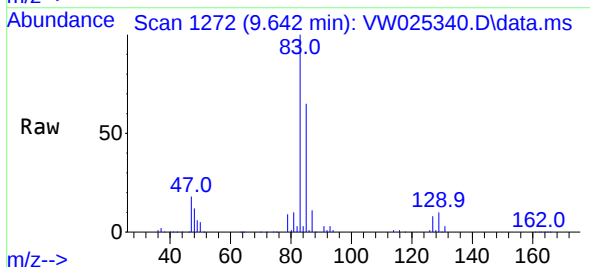
Tgt Ion: 83 Resp: 163961

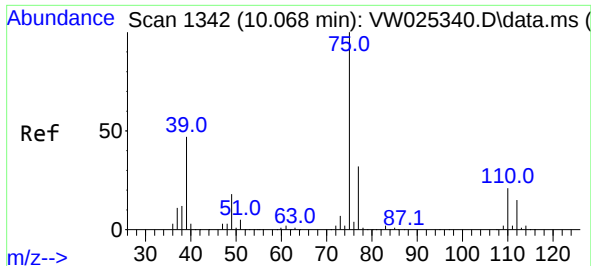
Ion Ratio Lower Upper

83 100

85 64.5 44.4 82.4

127 8.3 6.2 9.2

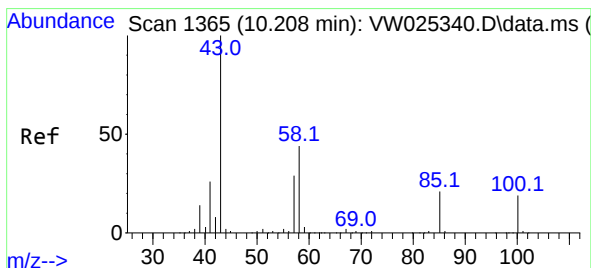
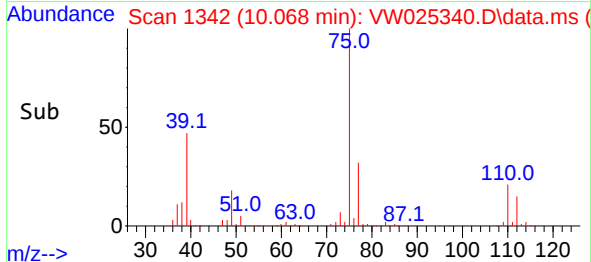
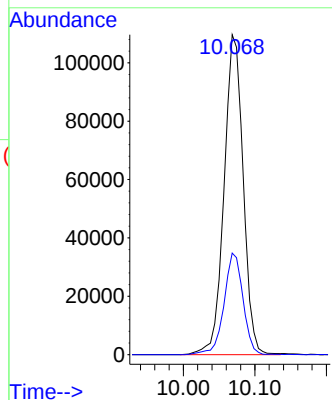
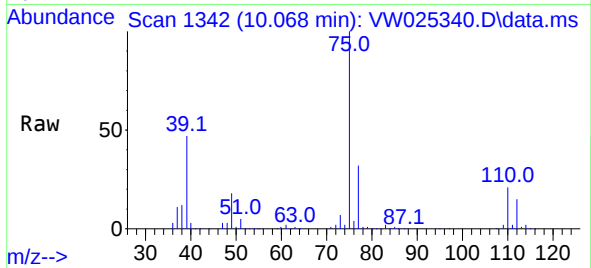




#39
cis-1,3-Dichloropropene
Concen: 26.709 ug/L
RT: 10.068 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

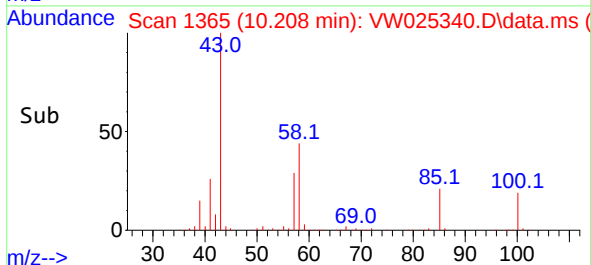
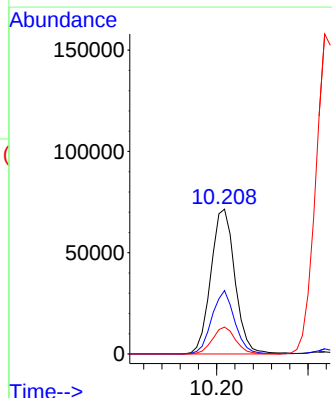
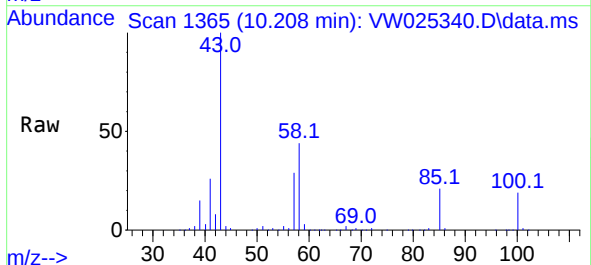
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

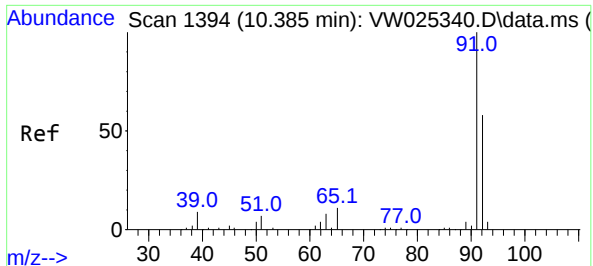
Tgt Ion: 75 Resp: 203564
Ion Ratio Lower Upper
75 100
77 31.7 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 63.552 ug/L
RT: 10.208 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion: 43 Resp: 130618
Ion Ratio Lower Upper
43 100
58 41.6 34.1 51.1
100 17.9 14.5 21.7

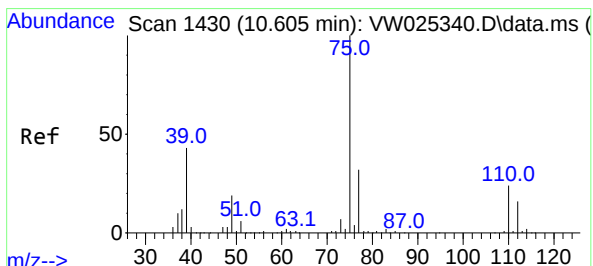
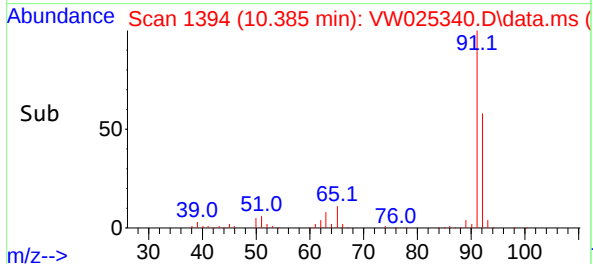
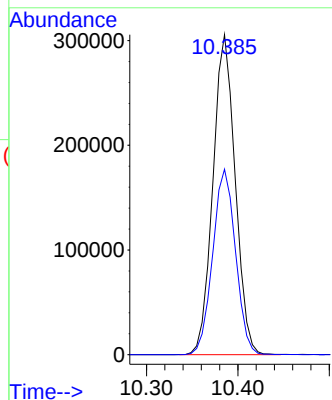
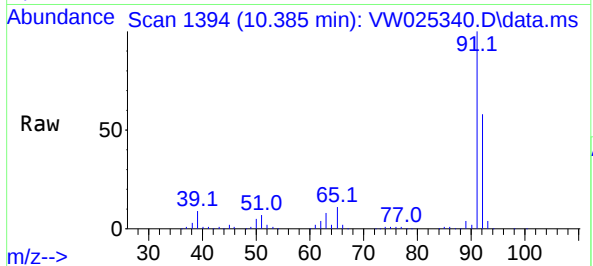




#42
Toluene
Concen: 27.556 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

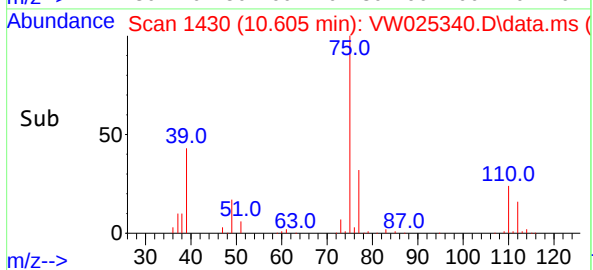
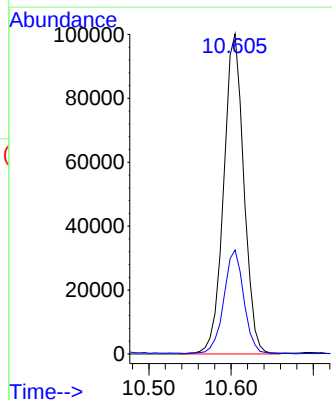
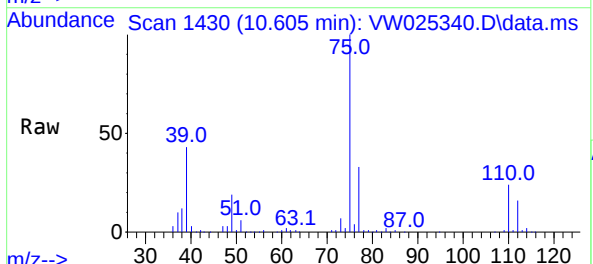
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

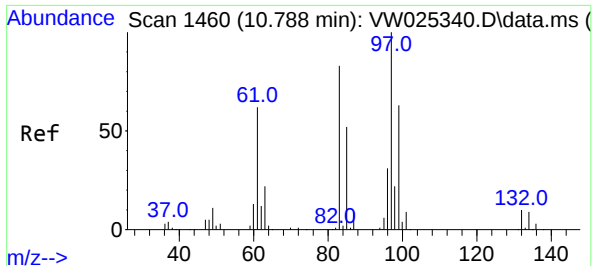
Tgt Ion: 91 Resp: 517178
Ion Ratio Lower Upper
91 100
92 57.9 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 31.453 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion: 75 Resp: 170879
Ion Ratio Lower Upper
75 100
77 32.5 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 27.424 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW025340.D

Acq: 17 Feb 2023 11:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

Tgt Ion: 97 Resp: 80452

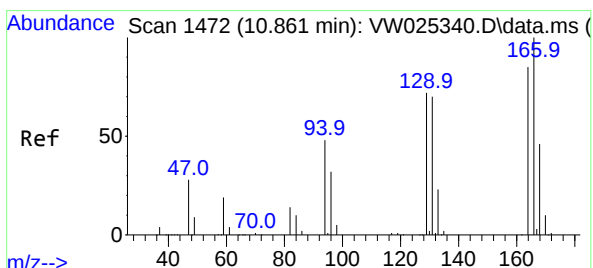
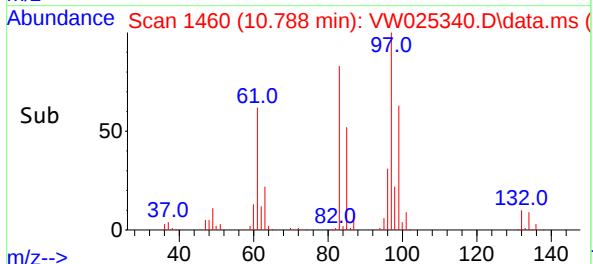
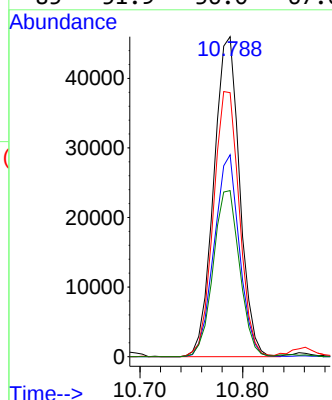
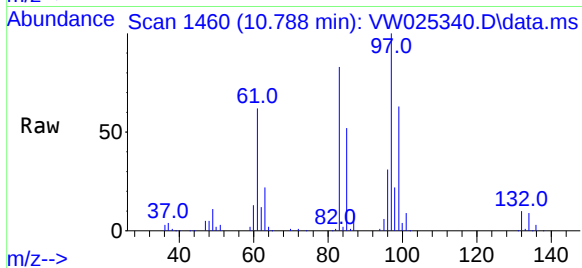
Ion Ratio Lower Upper

97 100

99 63.1 41.4 76.8

83 82.5 54.0 100.4

85 51.9 36.0 67.0



#46

Tetrachloroethene

Concen: 26.451 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW025340.D

Acq: 17 Feb 2023 11:34

Tgt Ion:164 Resp: 89365

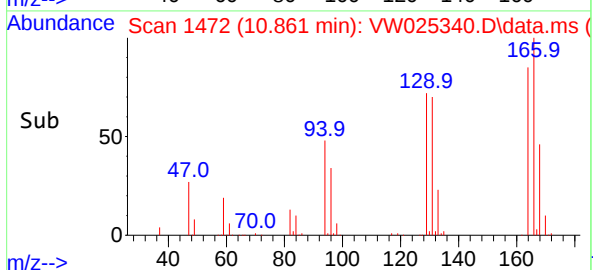
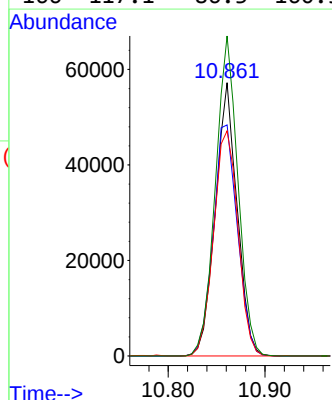
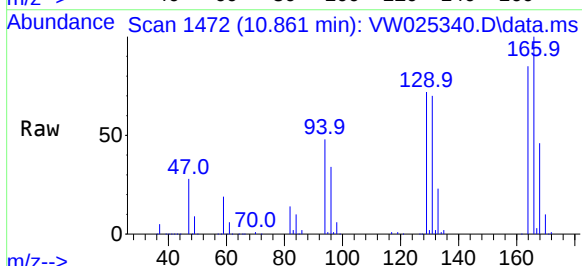
Ion Ratio Lower Upper

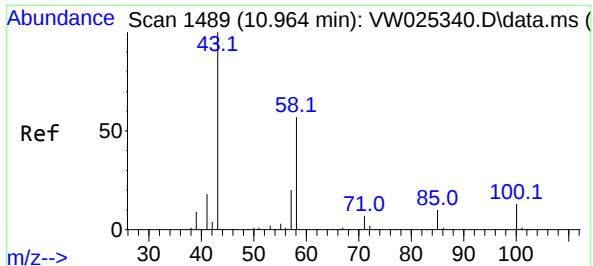
164 100

129 84.5 74.1 137.5

131 82.4 72.3 134.3

166 117.1 86.3 160.3

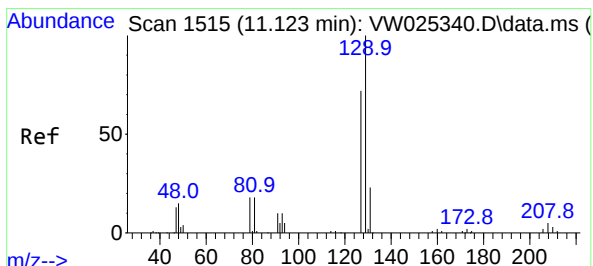
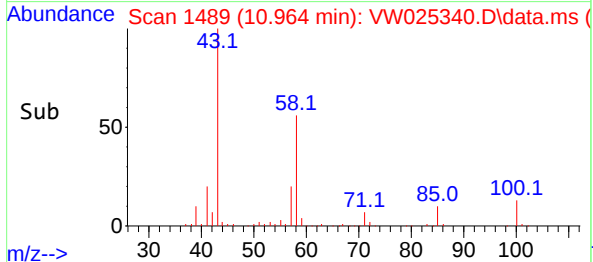
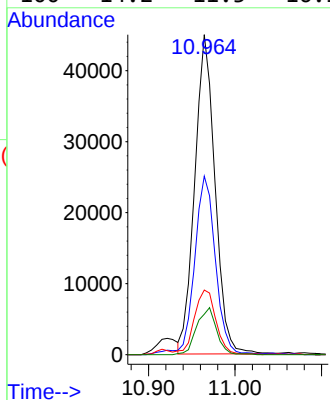
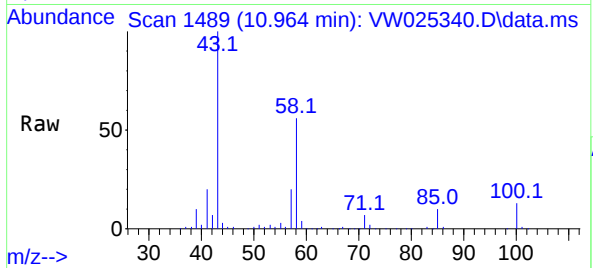




#48
2-Hexanone
Concen: 56.444 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

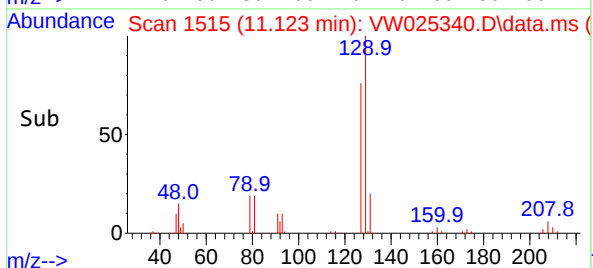
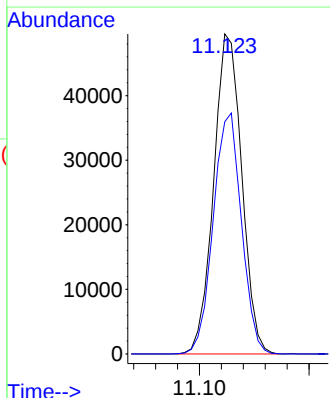
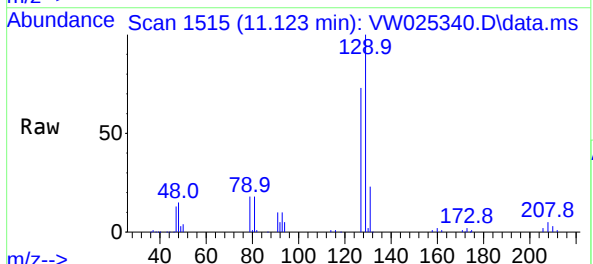
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

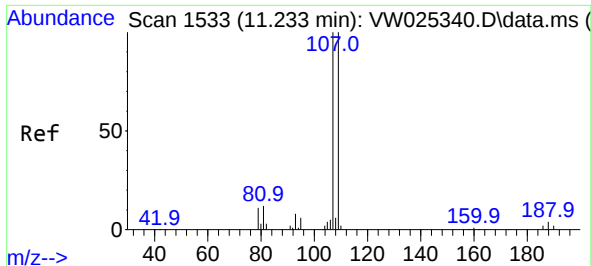
Tgt Ion:	43	Resp:	73237
Ion	Ratio	Lower	Upper
43	100		
58	56.4	46.3	69.5
57	21.7	16.5	24.7
100	14.2	11.3	16.9



#49
Dibromochloromethane
Concen: 26.644 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.007 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion:	129	Resp:	88285
Ion	Ratio	Lower	Upper
129	100		
127	72.6	54.8	101.8

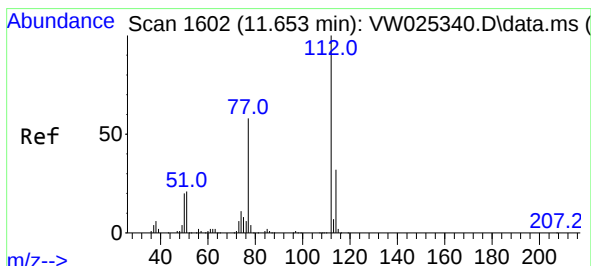
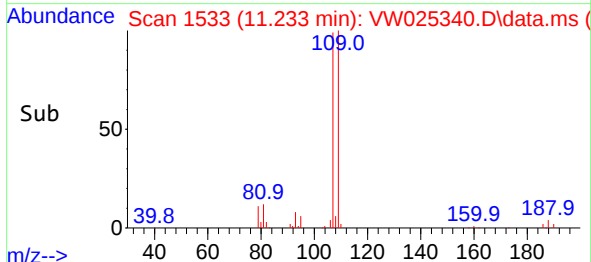
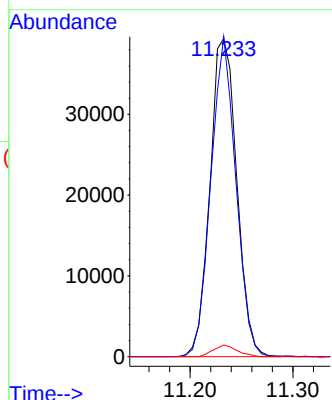
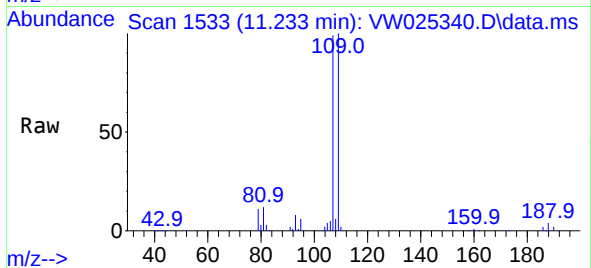




#50
1,2-Dibromoethane
Concen: 26.583 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

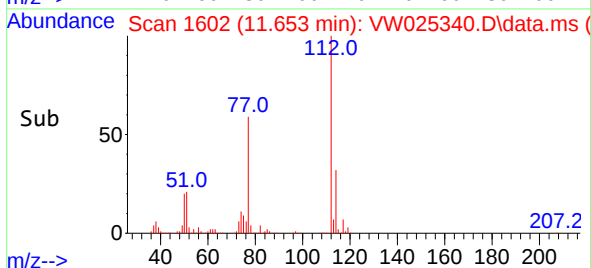
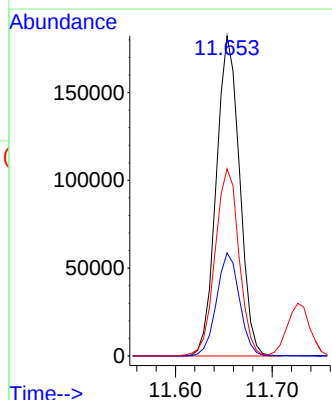
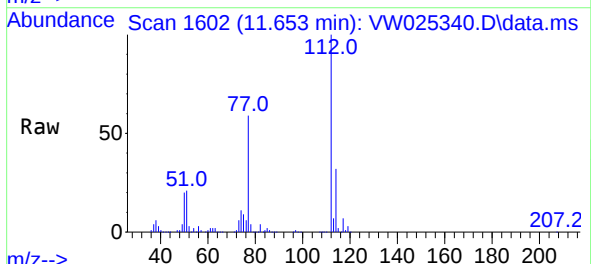
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

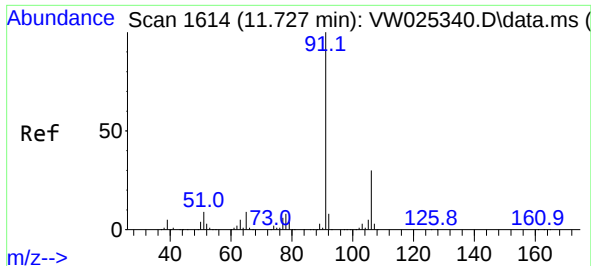
Tgt Ion:107 Resp: 71440
Ion Ratio Lower Upper
107 100
109 100.5 65.0 120.6
188 3.7 2.3 3.5#



#51
Chlorobenzene
Concen: 24.666 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion:112 Resp: 304659
Ion Ratio Lower Upper
112 100
114 32.2 21.7 40.3
77 58.5 46.2 69.4





#52

Ethylbenzene

Concen: 24.506 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025340.D

Acq: 17 Feb 2023 11:34

Instrument :

MSVOA_W

ClientSampleId :

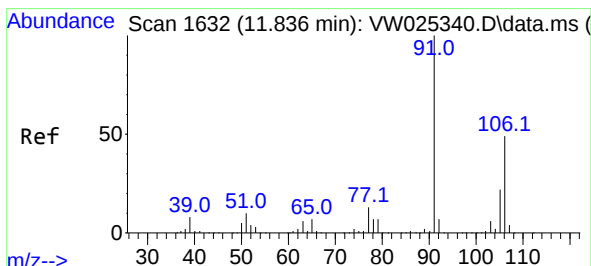
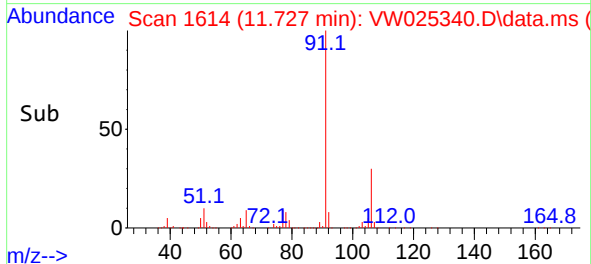
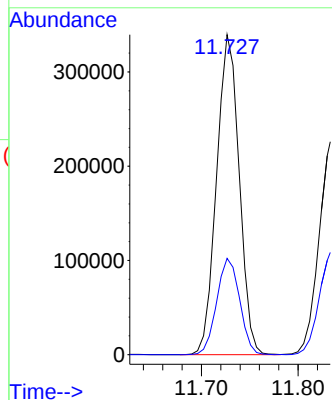
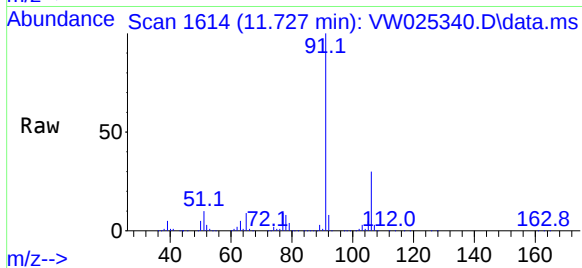
VSTD025540

Tgt Ion: 91 Resp: 551078

Ion Ratio Lower Upper

91 100

106 30.1 21.1 39.1



#53

m,p-Xylene

Concen: 24.076 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW025340.D

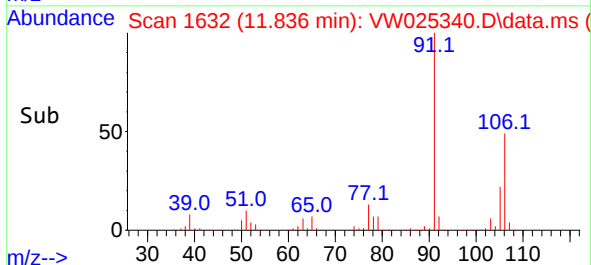
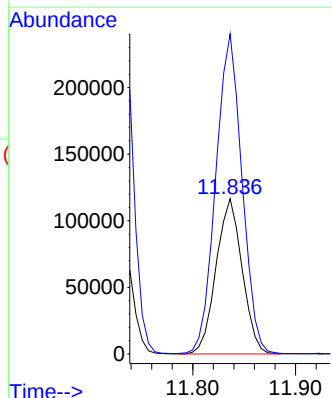
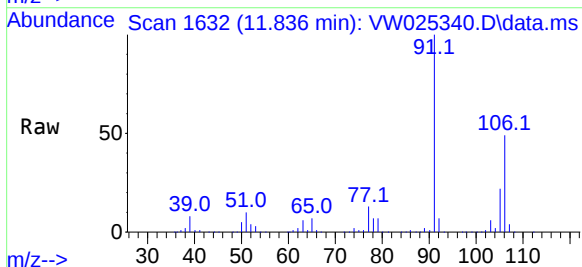
Acq: 17 Feb 2023 11:34

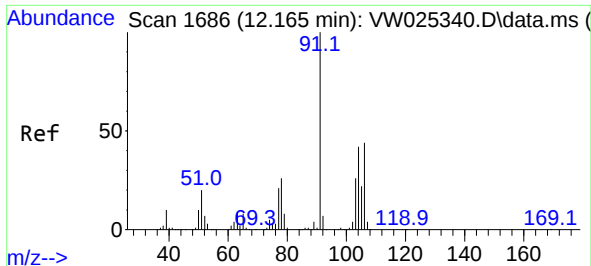
Tgt Ion:106 Resp: 205183

Ion Ratio Lower Upper

106 100

91 206.0 143.4 266.4

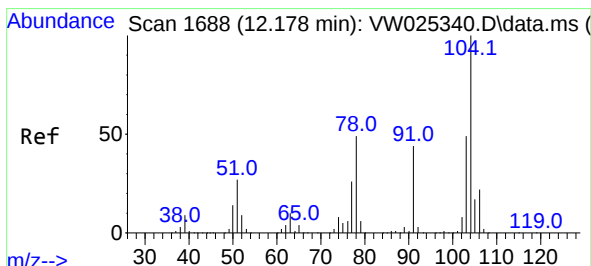
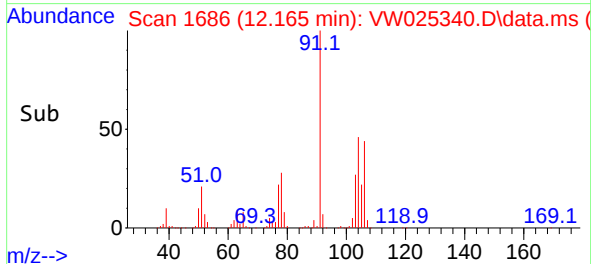
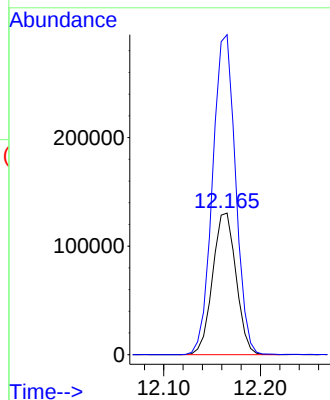
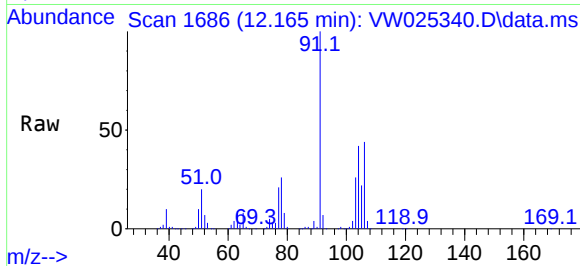




#54
o-Xylene
Concen: 25.591 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

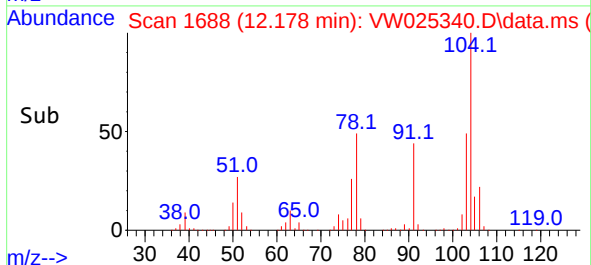
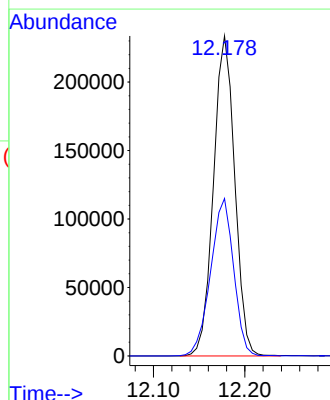
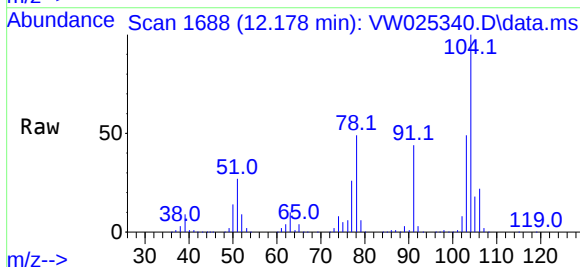
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

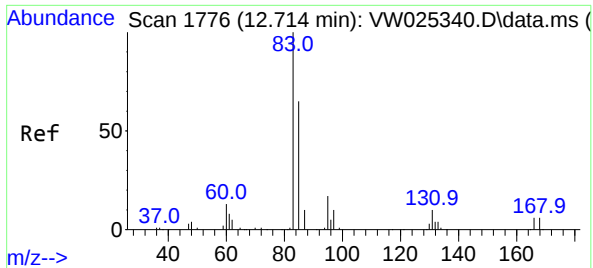
Tgt Ion:106 Resp: 219551
Ion Ratio Lower Upper
106 100
91 226.1 157.6 292.8



#55
Styrene
Concen: 25.996 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion:104 Resp: 377631
Ion Ratio Lower Upper
104 100
78 49.2 32.8 60.8

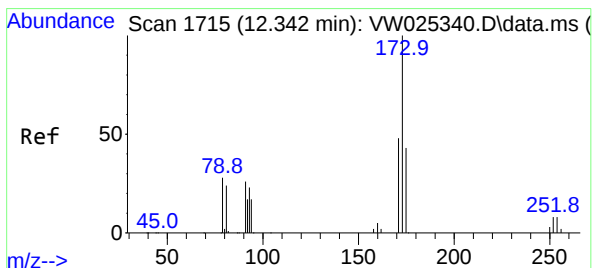
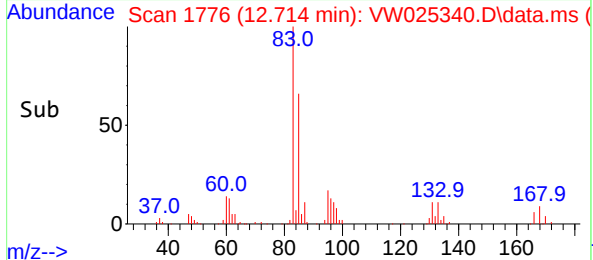
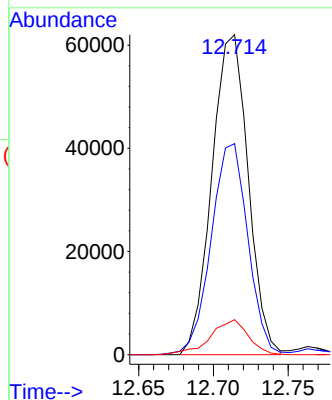
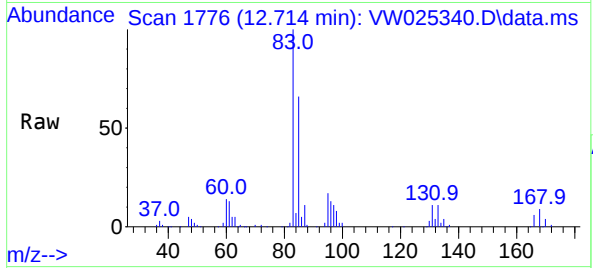




#57
1,1,2,2-Tetrachloroethane
Concen: 29.992 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

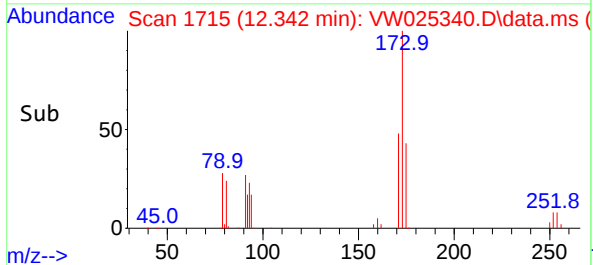
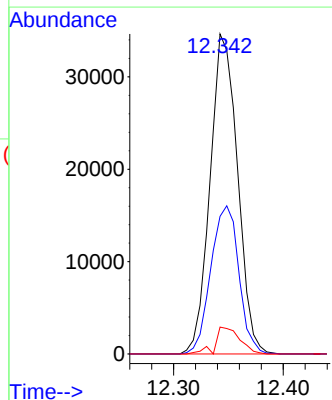
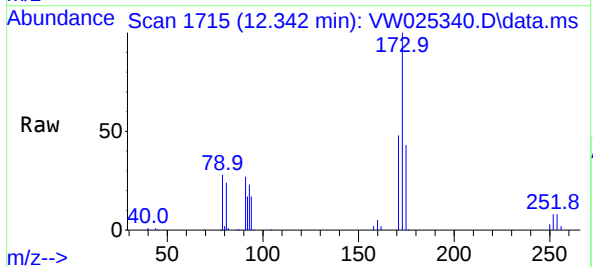
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

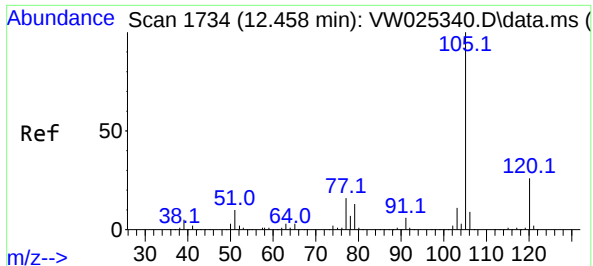
Tgt Ion: 83 Resp: 104838
Ion Ratio Lower Upper
83 100
85 66.0 44.7 83.1
131 11.0 7.8 11.6



#59
Bromoform
Concen: 27.237 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.007 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion:173 Resp: 60358
Ion Ratio Lower Upper
173 100
175 47.2 38.6 58.0
254 6.7 7.0 10.4#

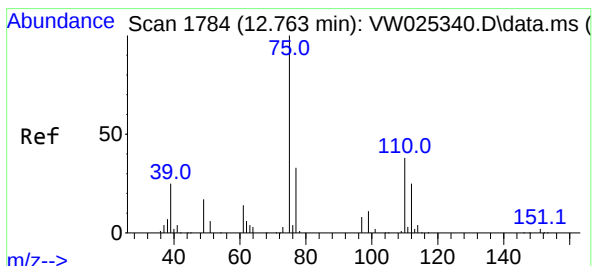
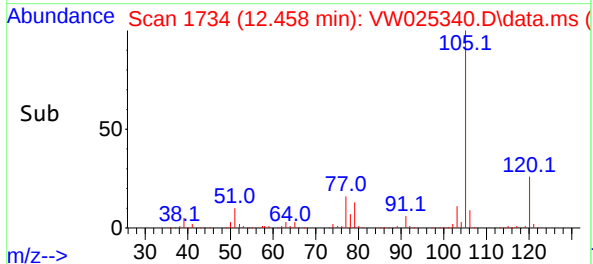
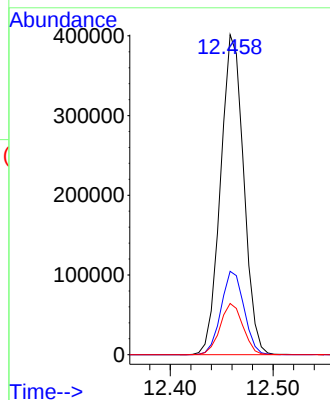
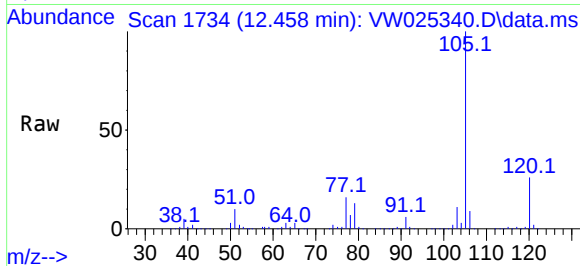




#60
Isopropylbenzene
Concen: 23.660 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.007 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

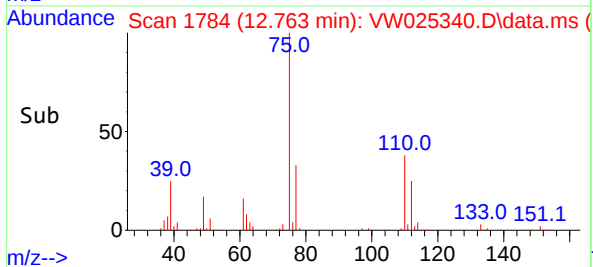
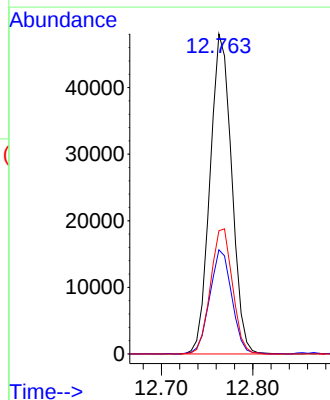
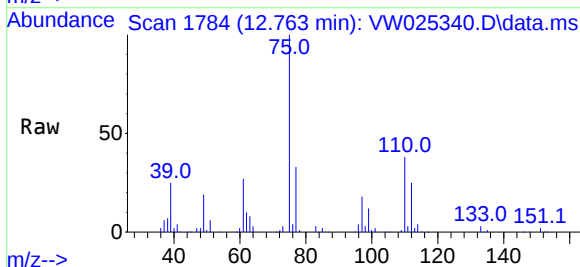
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

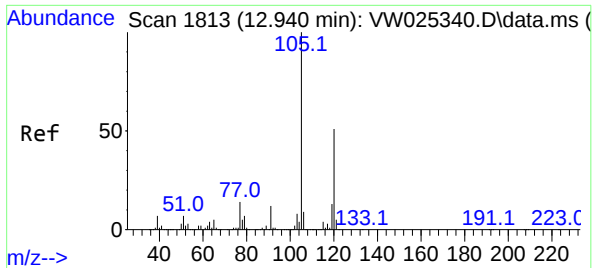
Tgt Ion:105 Resp: 625863
Ion Ratio Lower Upper
105 100
120 25.9 20.6 30.8
77 15.9 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 28.506 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion: 75 Resp: 79166
Ion Ratio Lower Upper
75 100
77 33.1 26.7 40.1
110 39.8 33.2 49.8

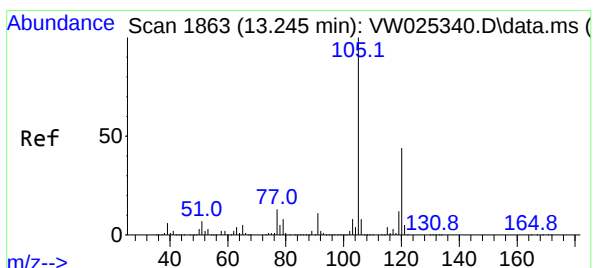
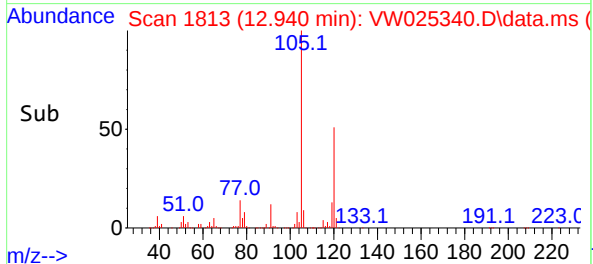
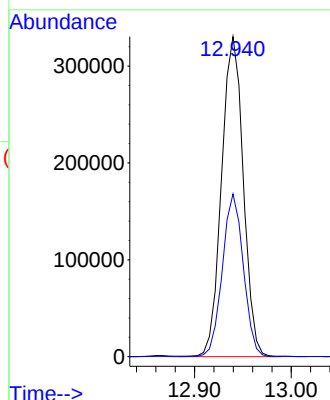
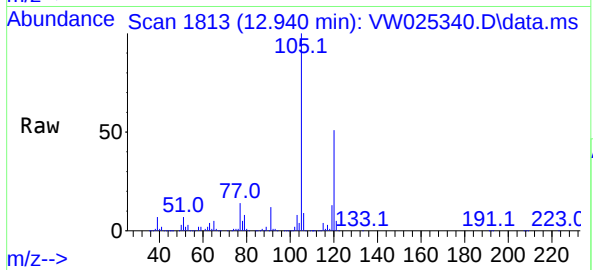




#62
1,3,5-Trimethylbenzene
Concen: 24.126 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

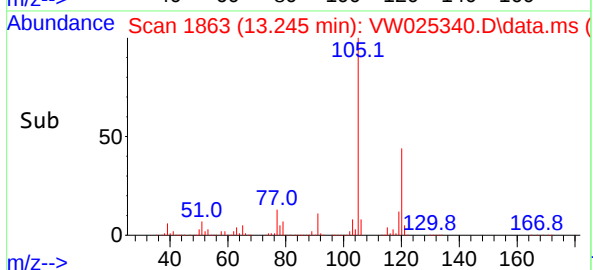
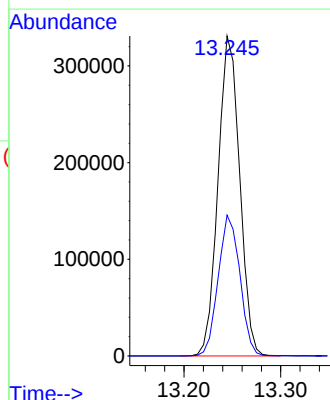
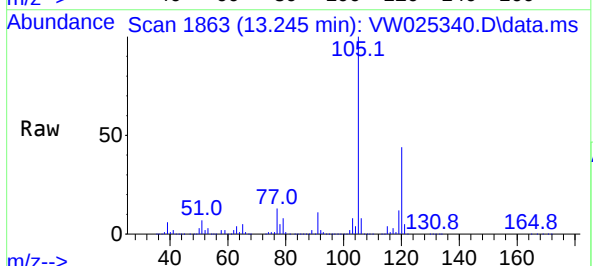
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

Tgt Ion:105 Resp: 514487
Ion Ratio Lower Upper
105 100
120 49.1 37.0 55.4

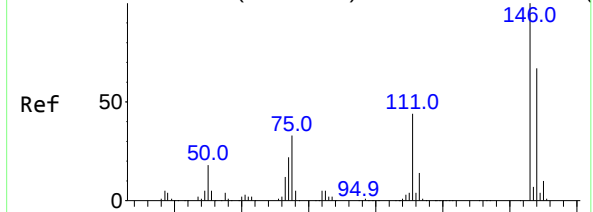


#63
1,2,4-Trimethylbenzene
Concen: 24.062 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion:105 Resp: 514159
Ion Ratio Lower Upper
105 100
120 44.0 35.0 52.4

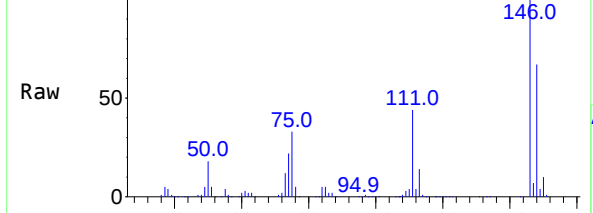


Abundance Scan 1904 (13.494 min): VW025340.D\data.ms (



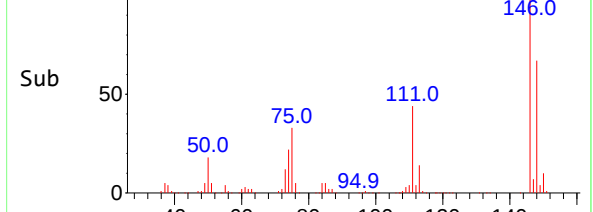
m/z-->

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



m/z-->

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



m/z-->

#64

1,3-Dichlorobenzene

Concen: 24.267 ug/L

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW025340.D

Acq: 17 Feb 2023 11:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

Tgt Ion:146 Resp: 265946

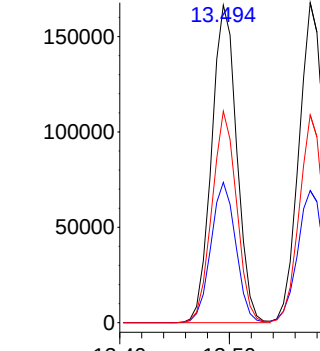
Ion Ratio Lower Upper

146 100

111 44.1 29.0 53.8

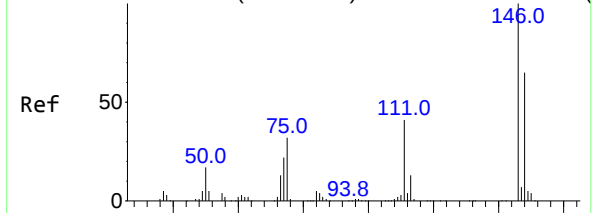
148 66.6 41.7 77.5

Abundance



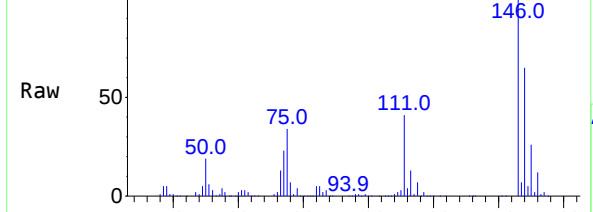
Time-->

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



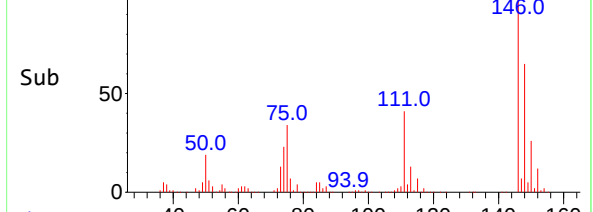
m/z-->

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



m/z-->

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



m/z-->

#65

1,4-Dichlorobenzene

Concen: 24.777 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW025340.D

Acq: 17 Feb 2023 11:34

Tgt Ion:146 Resp: 267956

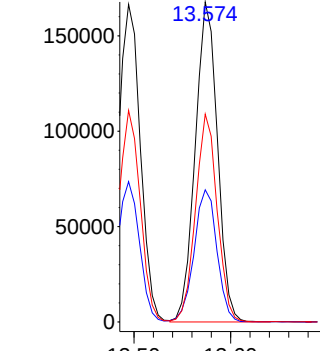
Ion Ratio Lower Upper

146 100

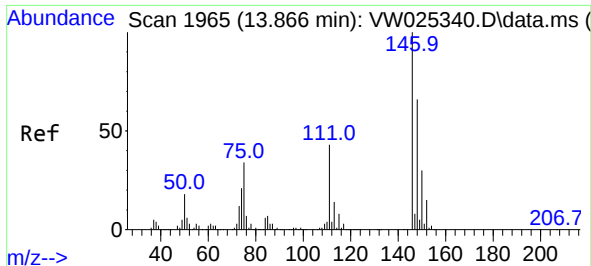
111 41.3 29.3 54.3

148 65.0 43.8 81.4

Abundance



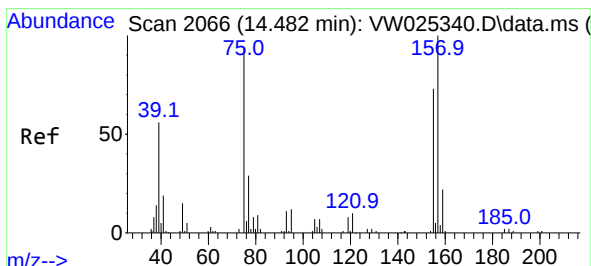
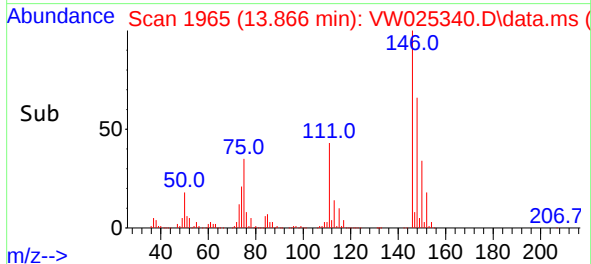
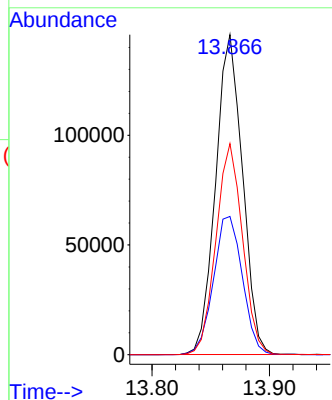
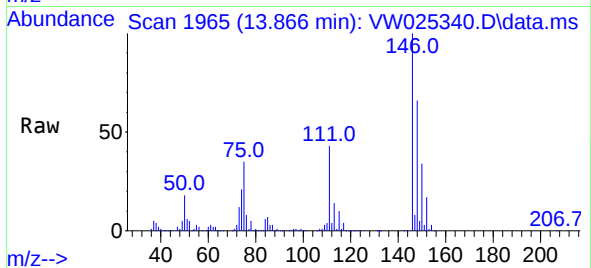
Time-->



#67
1,2-Dichlorobenzene
Concen: 24.591 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

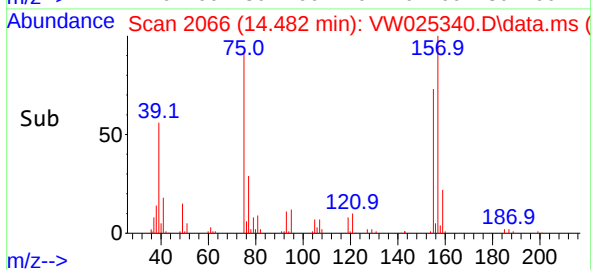
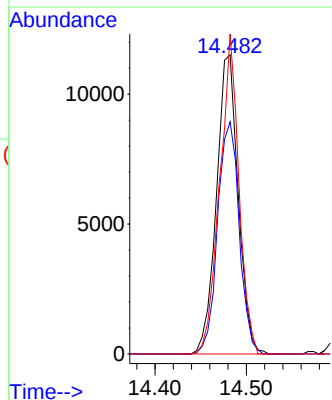
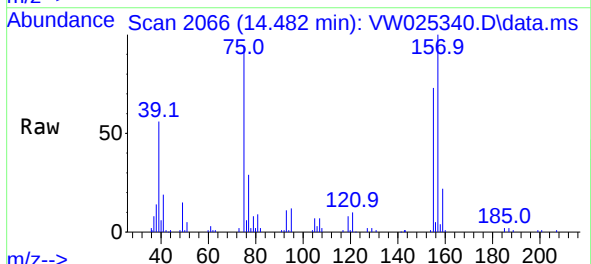
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

Tgt Ion:146 Resp: 232247
Ion Ratio Lower Upper
146 100
111 43.2 36.2 54.2
148 66.0 50.2 75.4

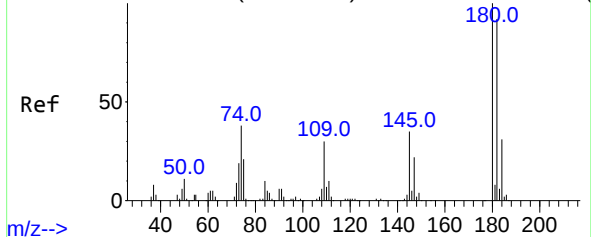


#68
1,2-Dibromo-3-chloropropane
Concen: 29.354 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

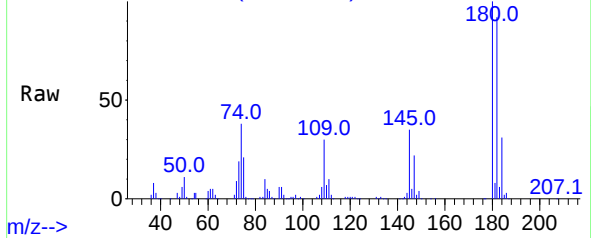
Tgt Ion: 75 Resp: 19040
Ion Ratio Lower Upper
75 100
155 77.6 63.4 95.2
157 106.9 82.5 123.7



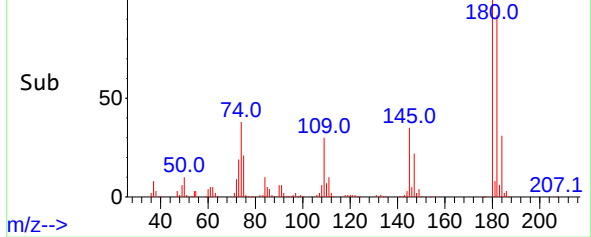
Abundance Scan 2089 (14.622 min): VW025340.D\data.ms (



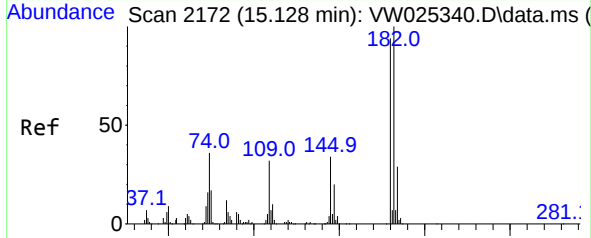
m/z--> Abundance Scan 2089 (14.622 min): VW025340.D\data.ms



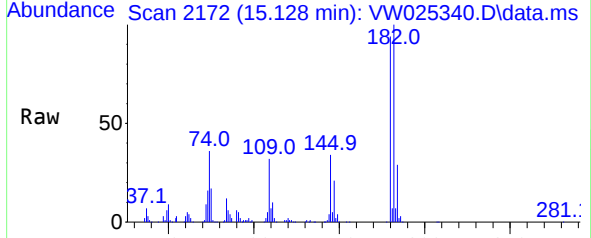
m/z--> Abundance Scan 2089 (14.622 min): VW025340.D\data.ms (



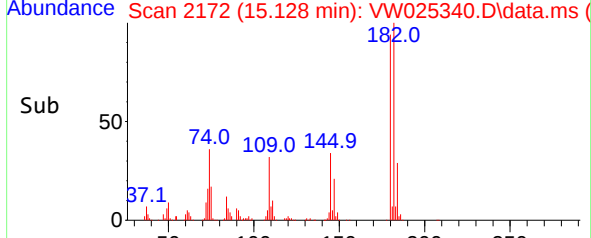
m/z--> Abundance Scan 2089 (14.622 min): VW025340.D\data.ms (



m/z--> Abundance Scan 2089 (14.622 min): VW025340.D\data.ms



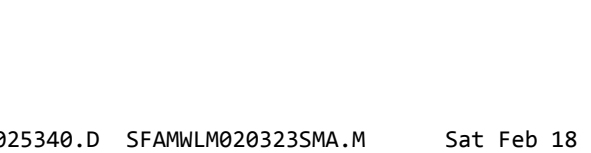
m/z--> Abundance Scan 2089 (14.622 min): VW025340.D\data.ms (



m/z--> Abundance Scan 2089 (14.622 min): VW025340.D\data.ms (



m/z--> Abundance Scan 2089 (14.622 min): VW025340.D\data.ms

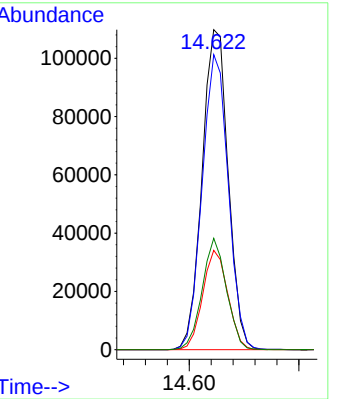


m/z--> Abundance Scan 2089 (14.622 min): VW025340.D\data.ms

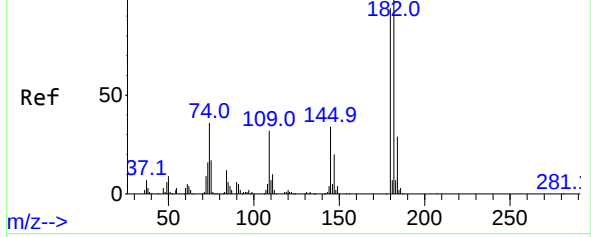
#69
1,3,5-Trichlorobenzene
Concen: 25.460 ug/L
RT: 14.622 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

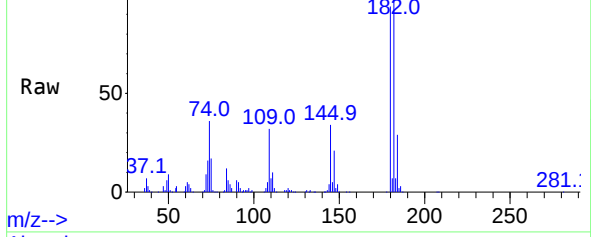
Tgt Ion:180	Resp:	181452
Ion Ratio	Lower	Upper
180	100	
182	92.3	77.7 116.5
184	29.8	24.4 36.6
145	32.4	27.4 41.2



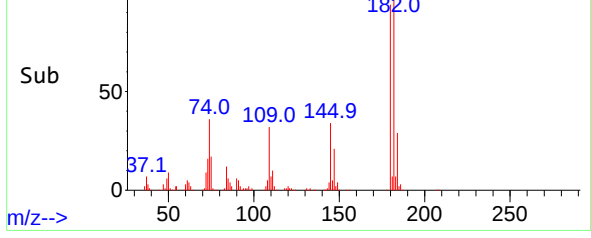
Abundance Scan 2172 (15.128 min): VW025340.D\data.ms (



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



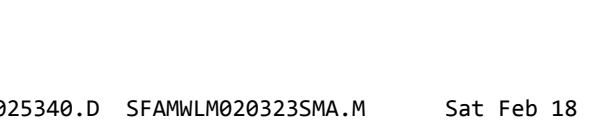
m/z--> Abundance Scan 2172 (15.128 min): VW025340.D\data.ms (



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



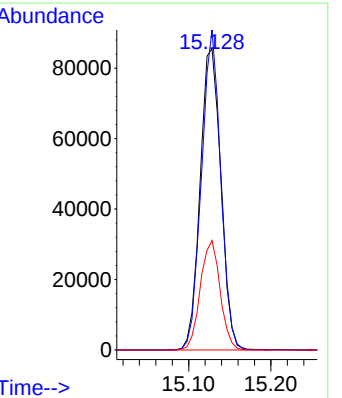
m/z--> Abundance Scan 2172 (15.128 min): VW025340.D\data.ms

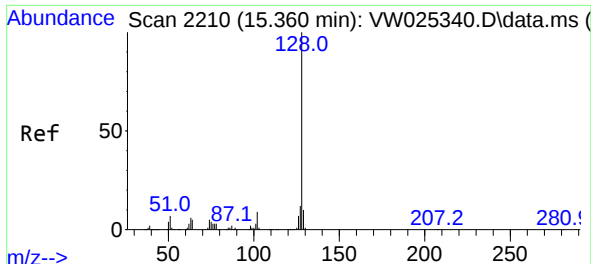


m/z--> Abundance Scan 2172 (15.128 min): VW025340.D\data.ms

#70
1,2,4-trichlorobenzene
Concen: 25.868 ug/L
RT: 15.128 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion:180	Resp:	150117
Ion Ratio	Lower	Upper
180	100	
182	98.1	76.4 114.6
145	34.6	27.4 41.2

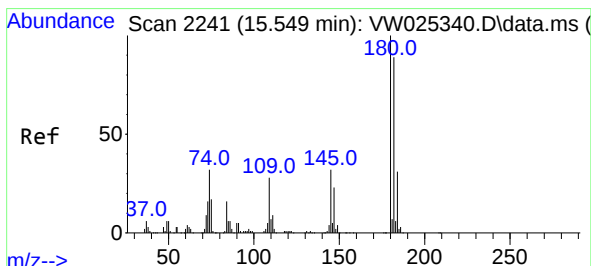
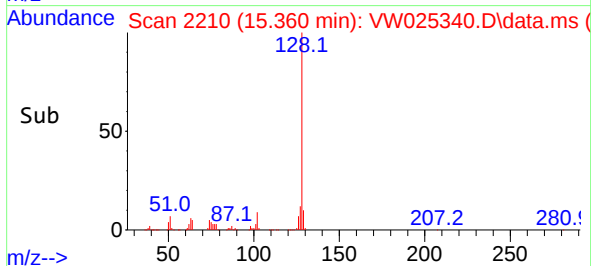
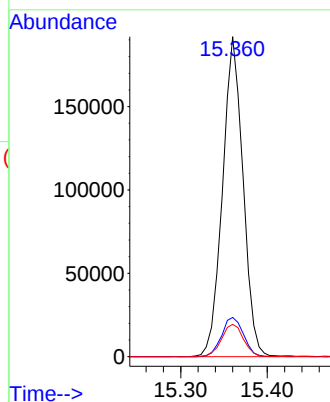
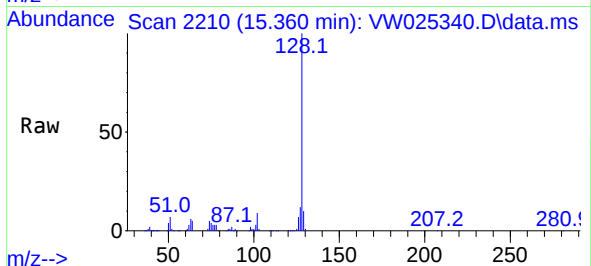




#71
Naphthalene
Concen: 29.721 ug/L
RT: 15.360 min Scan# 211
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

Tgt Ion:128 Resp: 315294
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 26.823 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW025340.D
Acq: 17 Feb 2023 11:34

Tgt Ion:180 Resp: 133656
Ion Ratio Lower Upper
180 100
182 95.6 75.1 112.7
145 35.1 28.8 43.2

