

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
 Data File : VW024508.D
 Acq On : 31 Aug 2022 12:09
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025558

Quant Time: Sep 01 02:59:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 31 02:55:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	360487	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	343119	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	189671	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	164123	16.516	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.080%
7) Chloroethane-d5	2.873	69	141959	19.067	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.280%
11) 1,1-Dichloroethene-d2	4.202	63	255	0.030	ug/L	0.20
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.120%#
21) 2-Butanone-d5	7.080	46	97328	53.176	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.360%
24) Chloroform-d	7.647	84	267344	23.068	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.280%
26) 1,2-Dichloroethane-d4	8.305	65	153348	21.819	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.280%
32) Benzene-d6	8.269	84	463400	23.572	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.280%
36) 1,2-Dichloropropane-d6	9.275	67	148729	24.326	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.320%
41) Toluene-d8	10.323	98	416997	22.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.240%
43) trans-1,3-Dichloroprop...	10.573	79	69350	24.239	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.960%
47) 2-Hexanone-d5	10.921	63	83248	60.846	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.700%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	177924	25.704	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	13.847	152	185862	26.022	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	55910	15.485	ug/L	92
3) Chloromethane	2.215	50	150997	22.384	ug/L	98
5) Vinyl chloride	2.349	62	249027	21.118	ug/L	97
6) Bromomethane	2.764	94	156401	18.895	ug/L	99
8) Chloroethane	2.910	64	131098	21.282	ug/L	99
9) Trichlorofluoromethane	3.245	101	112750	20.333	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	134500	25.287	ug/L	97
12) 1,1-Dichloroethene	4.026	96	117396	27.264	ug/L	94
13) Acetone	4.123	43	51736	47.365	ug/L	94
14) Carbon disulfide	4.367	76	343515	24.005	ug/L	98
15) Methyl Acetate	4.666	43	61261	22.926	ug/L	94
16) Methylene chloride	4.909	84	133477	22.077	ug/L	86
17) trans-1,2-Dichloroethene	5.415	96	131029	25.708	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	234760	28.131	ug/L #	87
19) 1,1-Dichloroethane	6.208	63	232095	24.082	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	142096	25.353	ug/L	99
22) 2-Butanone	7.171	43	87903	45.106	ug/L	99
23) Bromochloromethane	7.513	128	67252	24.573	ug/L	88
25) Chloroform	7.671	83	254150	23.768	ug/L	93

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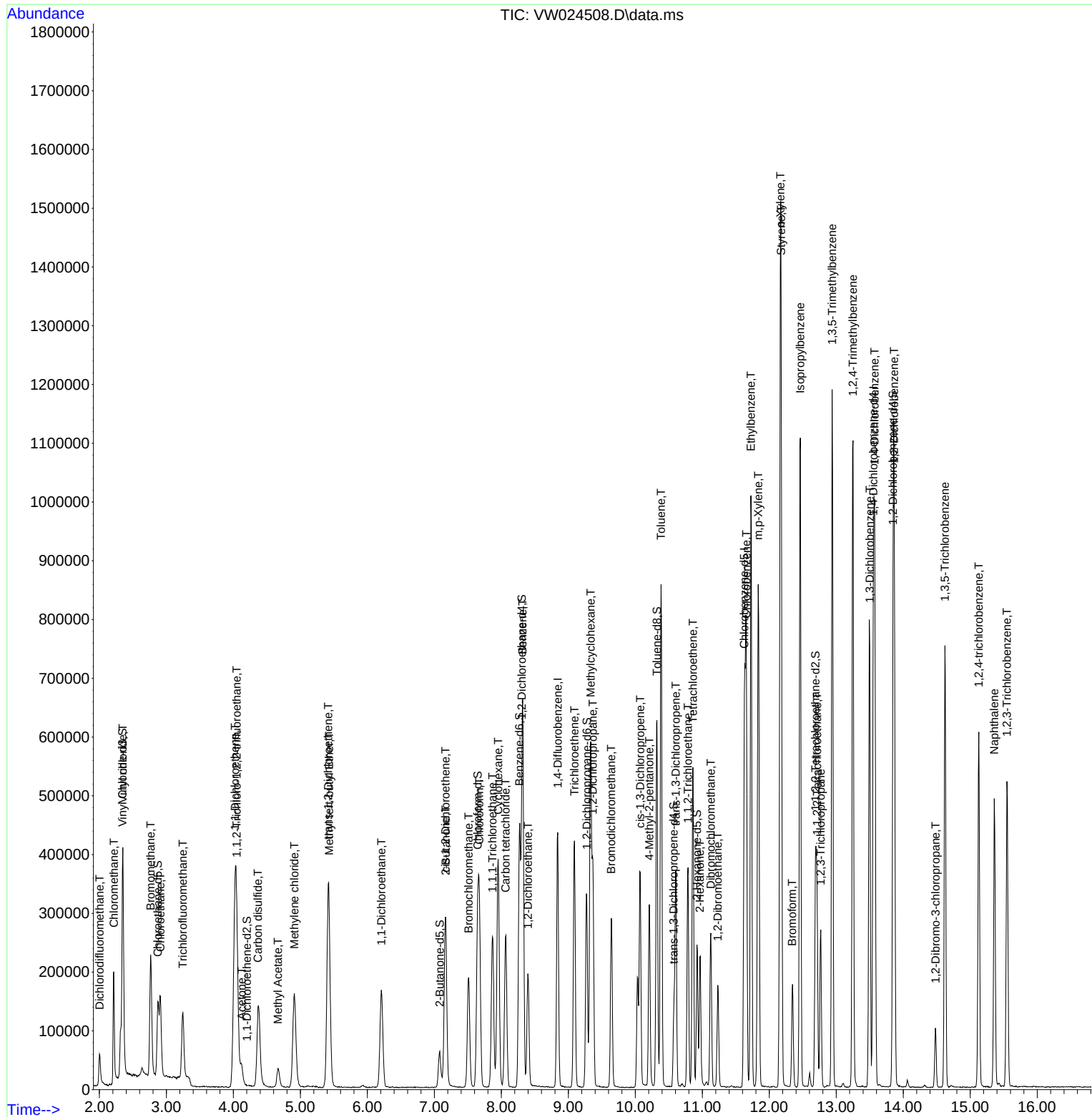
Quant Time: Sep 01 02:59:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 31 02:55:40 2022
 Response via : Initial Calibration

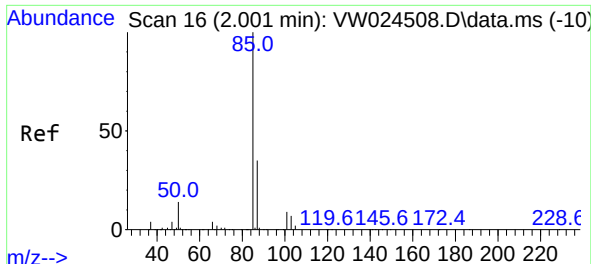
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	172240	22.129	ug/L #	95
29) Cyclohexane	7.952	56	209220	28.283	ug/L	96
30) 1,1,1-Trichloroethane	7.866	97	210290	25.996	ug/L	97
31) Carbon tetrachloride	8.061	117	192317	25.986	ug/L	98
33) Benzene	8.317	78	547352	25.622	ug/L	100
34) Trichloroethene	9.092	95	144463	25.658	ug/L	96
35) Methylcyclohexane	9.336	83	246386	27.274	ug/L	98
37) 1,2-Dichloropropane	9.366	63	136139	24.694	ug/L	98
38) Bromodichloromethane	9.640	83	188009	25.042	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	211313	27.420	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	194851	49.704	ug/L	96
42) Toluene	10.384	91	613077	26.005	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	192471	25.703	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	112759	25.081	ug/L	93
46) Tetrachloroethene	10.860	164	108310	24.769	ug/L	97
48) 2-Hexanone	10.963	43	140158	48.470	ug/L	94
49) Dibromochloromethane	11.128	129	132043	24.832	ug/L	96
50) 1,2-Dibromoethane	11.232	107	109927	25.433	ug/L	96
51) Chlorobenzene	11.658	112	403870	25.523	ug/L	99
52) Ethylbenzene	11.725	91	695001	26.664	ug/L	96
53) m,p-Xylene	11.835	106	274552	26.821	ug/L	95
54) o-Xylene	12.164	106	258644	27.029	ug/L	95
55) Styrene	12.176	104	458226	27.090	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	147645	23.528	ug/L	97
59) Bromoform	12.341	173	72831	23.927	ug/L	98
60) Isopropylbenzene	12.463	105	718739	28.531	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	105846	24.677	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	608997	29.981	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	609996	30.916	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	318070	26.408	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	317432	24.963	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	289594	25.650	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	23397	21.712	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	211503	27.206	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	172953	28.619	ug/L	96
71) Naphthalene	15.359	128	396163	29.849	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	159367	27.902	ug/L	96

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

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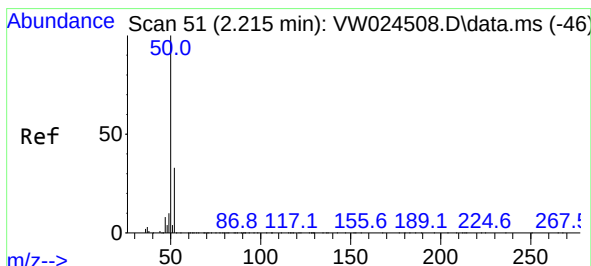
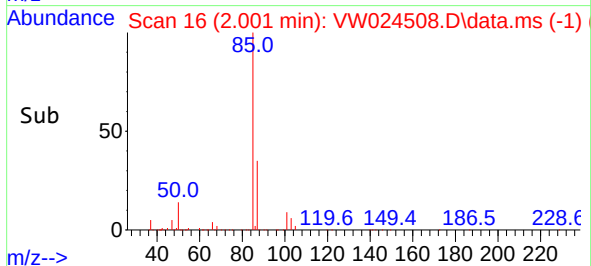
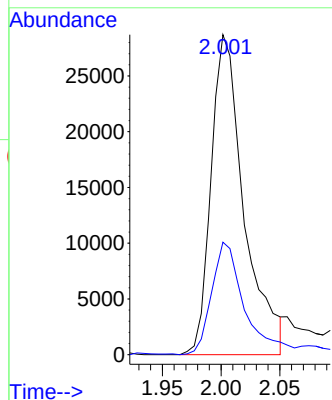
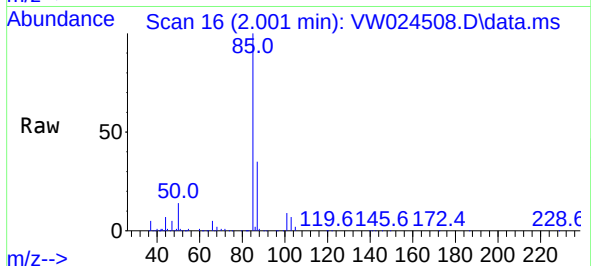




#2
Dichlorodifluoromethane
Concen: 15.485 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

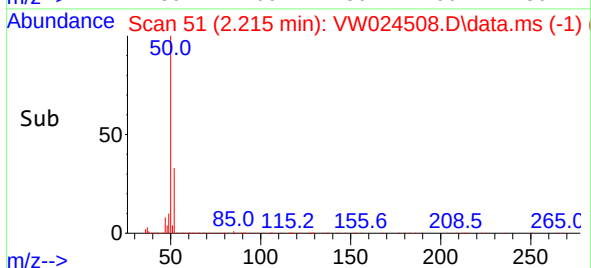
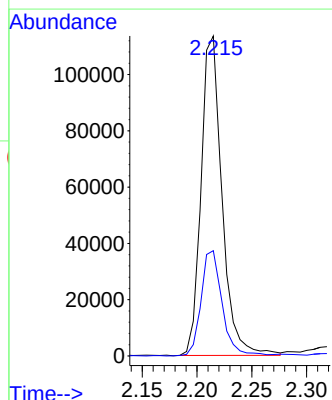
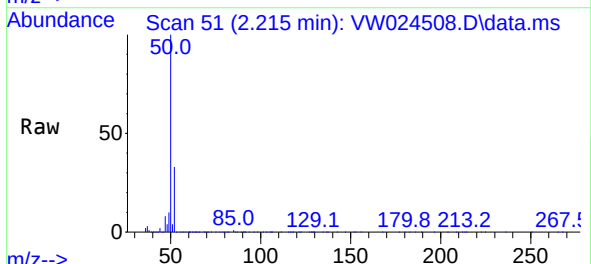
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

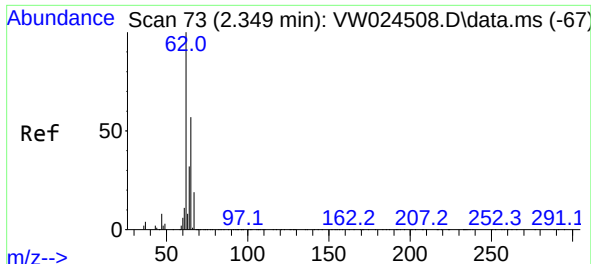
Tgt Ion: 85 Resp: 55910
Ion Ratio Lower Upper
85 100
87 35.2 24.7 37.1



#3
Chloromethane
Concen: 22.384 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Tgt Ion: 50 Resp: 150997
Ion Ratio Lower Upper
50 100
52 32.9 22.3 41.5

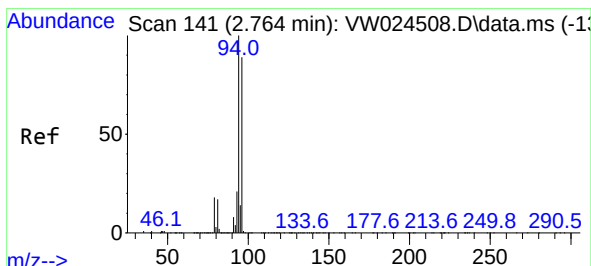
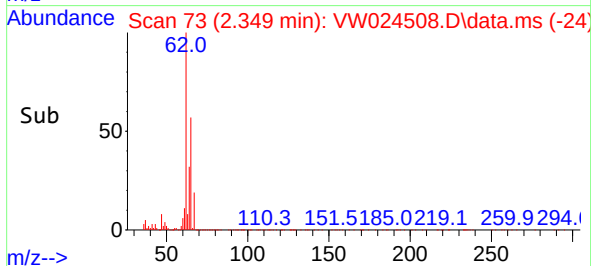
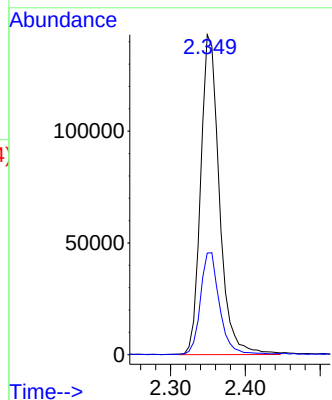
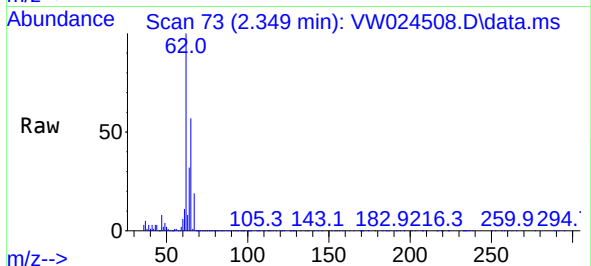




#5
 Vinyl chloride
 Concen: 21.118 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VW024508.D
 Acq: 31 Aug 2022 12:09

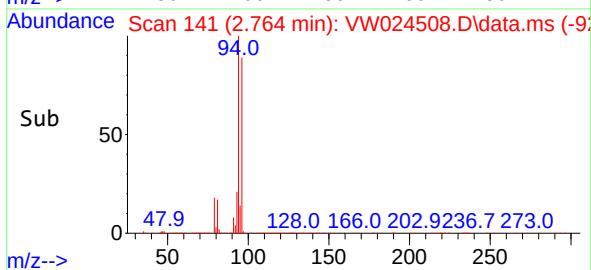
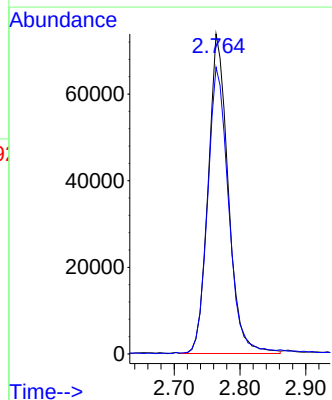
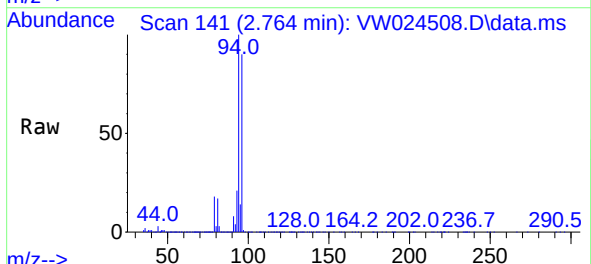
Instrument :
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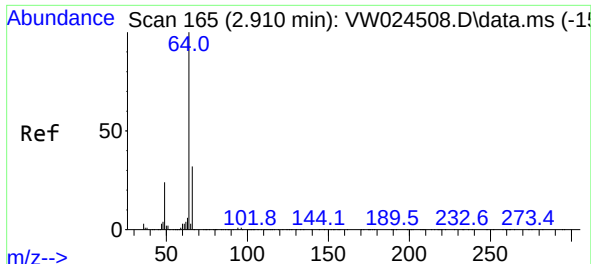
Tgt Ion: 62 Resp: 249027
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.6 43.8



#6
 Bromomethane
 Concen: 18.895 ug/L
 RT: 2.764 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VW024508.D
 Acq: 31 Aug 2022 12:09

Tgt Ion: 94 Resp: 156401
 Ion Ratio Lower Upper
 94 100
 96 89.6 63.6 118.0

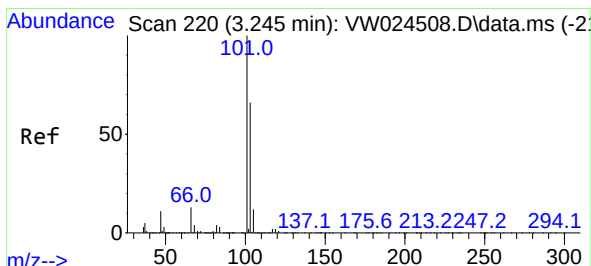
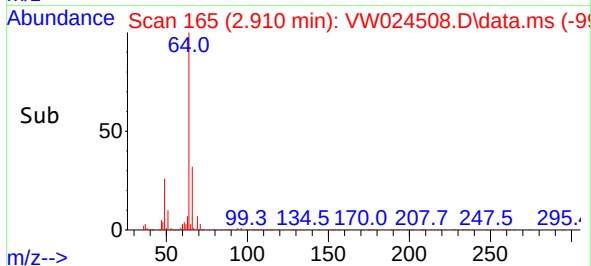
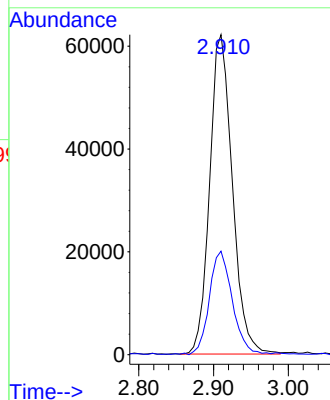
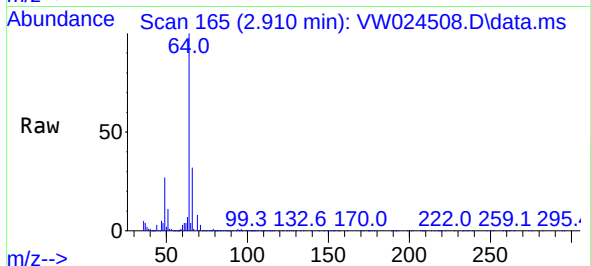




#8
Chloroethane
Concen: 21.282 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

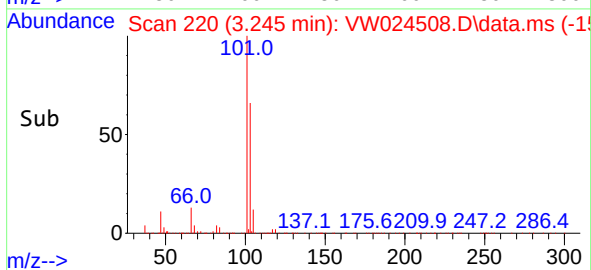
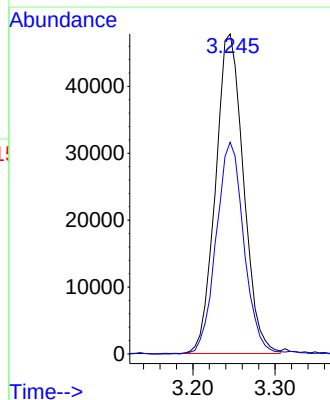
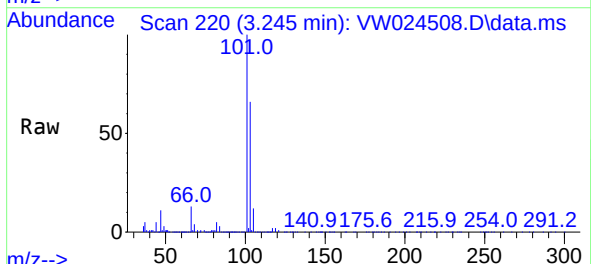
Instrument :
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ClientSampleId :
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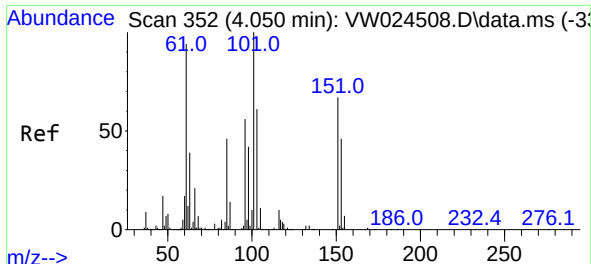
Tgt Ion: 64 Resp: 131098
Ion Ratio Lower Upper
64 100
66 32.3 23.0 42.6



#9
Trichlorofluoromethane
Concen: 20.333 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.006 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Tgt Ion: 101 Resp: 112750
Ion Ratio Lower Upper
101 100
103 65.8 50.4 75.6



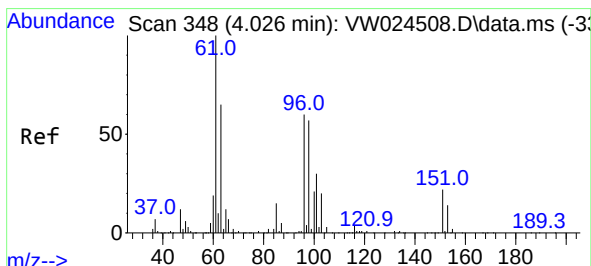
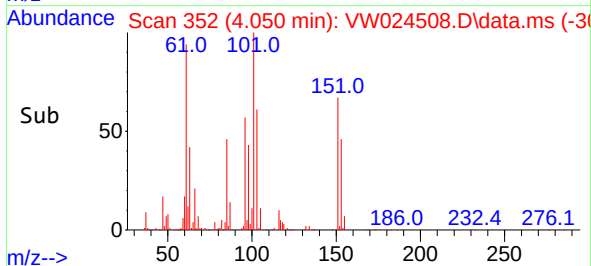
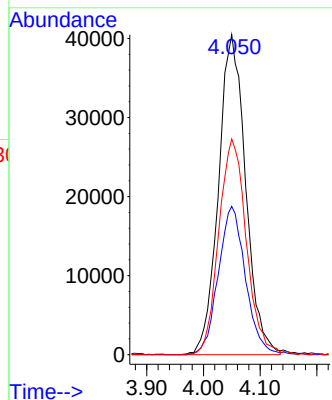
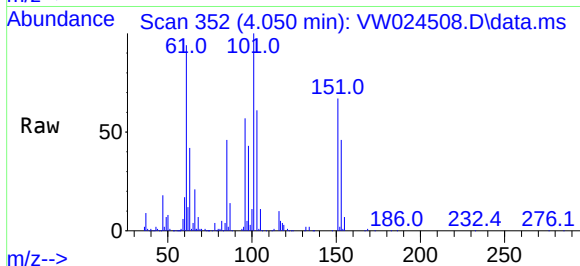


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.287 ug/L
 RT: 4.050 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW024508.D
 Acq: 31 Aug 2022 12:09

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 134500

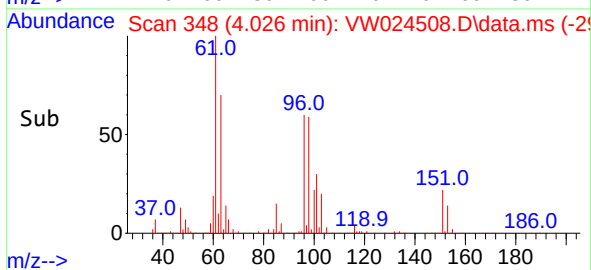
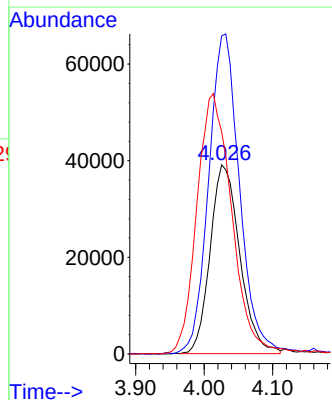
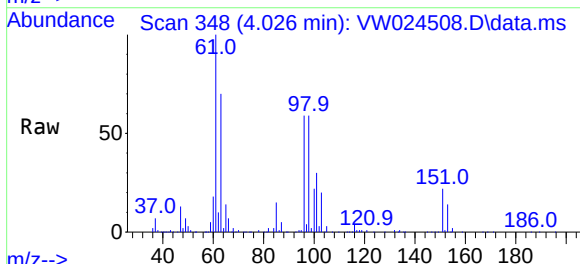
Ion	Ratio	Lower	Upper
101	100		
85	46.3	39.1	58.7
151	68.3	56.8	85.2

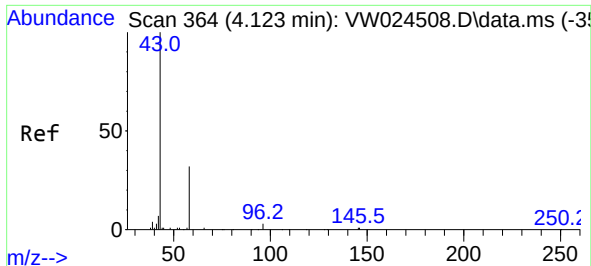


#12
 1,1-Dichloroethene
 Concen: 27.264 ug/L
 RT: 4.026 min Scan# 348
 Delta R.T. -0.000 min
 Lab File: VW024508.D
 Acq: 31 Aug 2022 12:09

Tgt Ion: 96 Resp: 117396

Ion	Ratio	Lower	Upper
96	100		
61	168.1	118.8	220.6
63	117.6	72.8	135.2

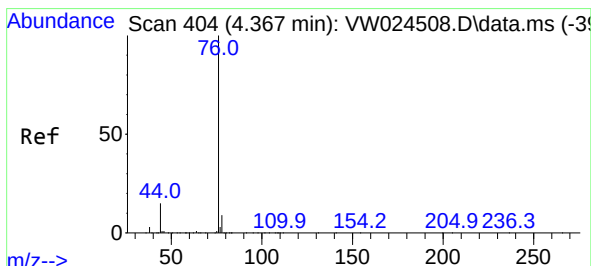
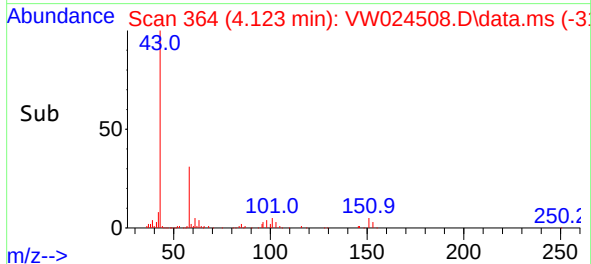
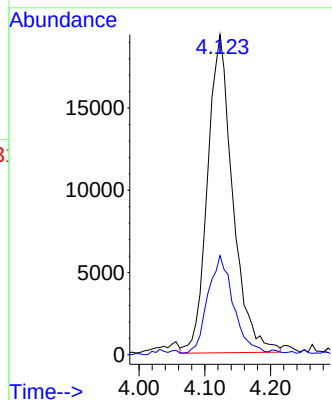
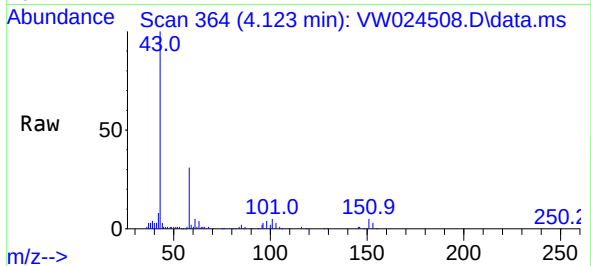




#13
Acetone
Concen: 47.365 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

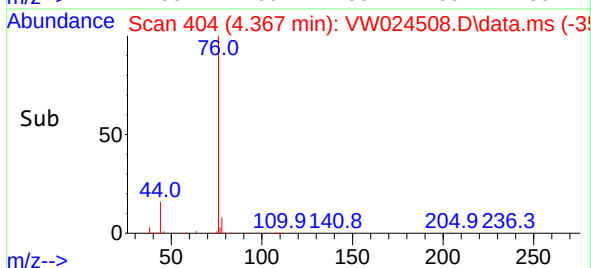
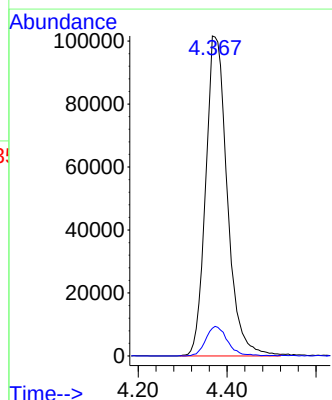
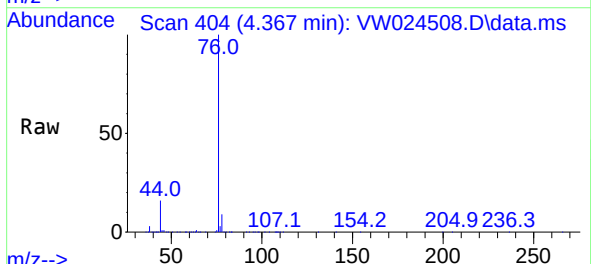
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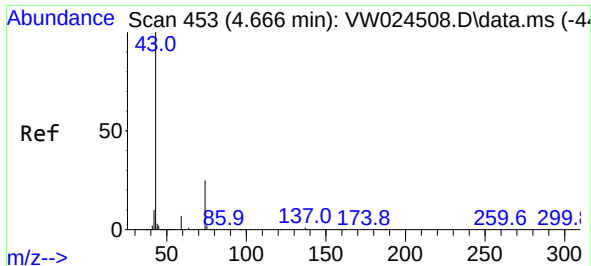
Tgt Ion: 43 Resp: 51736
Ion Ratio Lower Upper
43 100
58 32.2 0.0 58.4



#14
Carbon disulfide
Concen: 24.005 ug/L
RT: 4.367 min Scan# 404
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Tgt Ion: 76 Resp: 343515
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

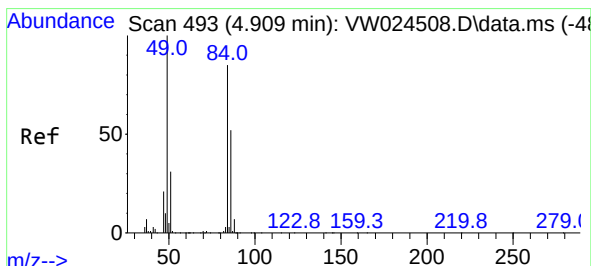
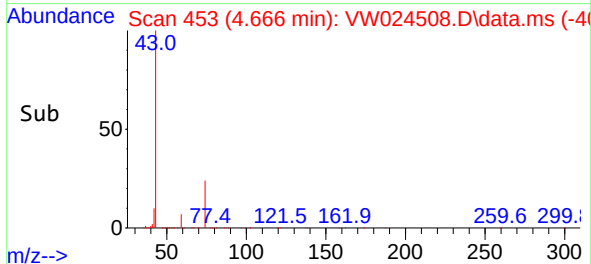
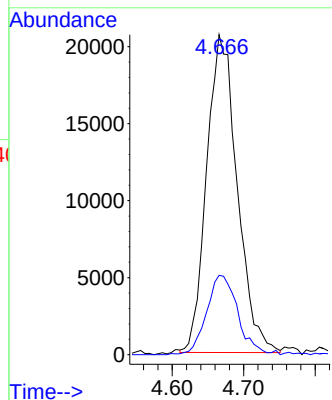
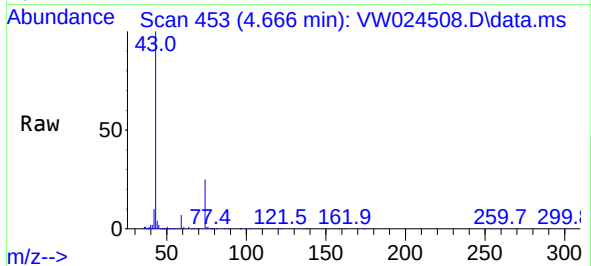




#15
Methyl Acetate
Concen: 22.926 ug/L
RT: 4.666 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

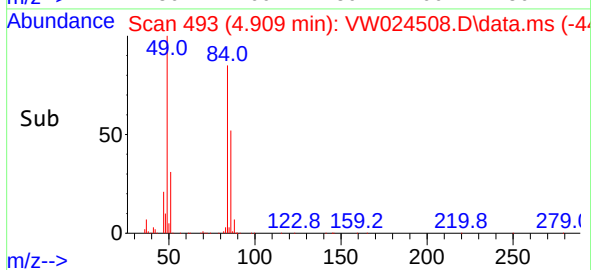
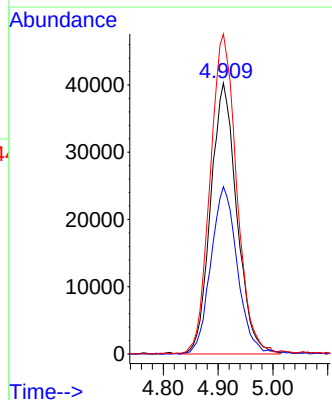
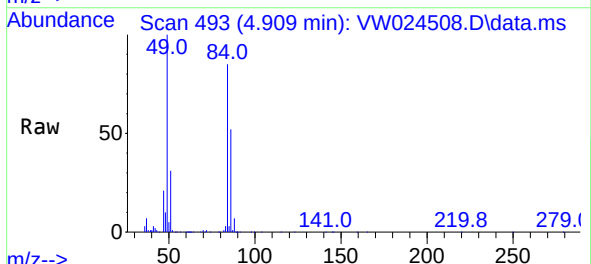
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

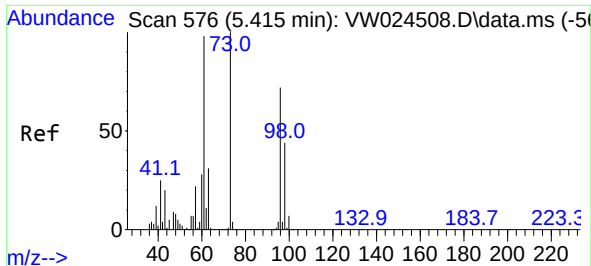
Tgt Ion: 43 Resp: 61261
Ion Ratio Lower Upper
43 100
74 25.1 17.9 26.9



#16
Methylene chloride
Concen: 22.077 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Tgt Ion: 84 Resp: 133477
Ion Ratio Lower Upper
84 100
86 61.7 47.7 88.7
49 118.1 96.6 179.4

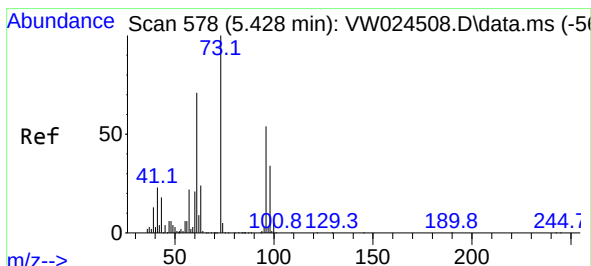
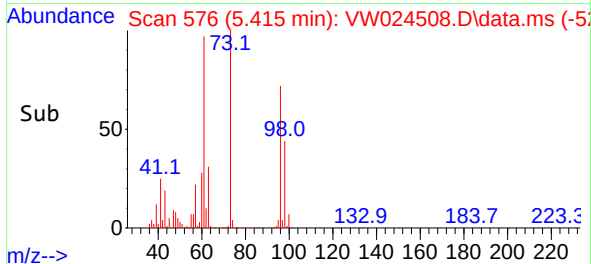
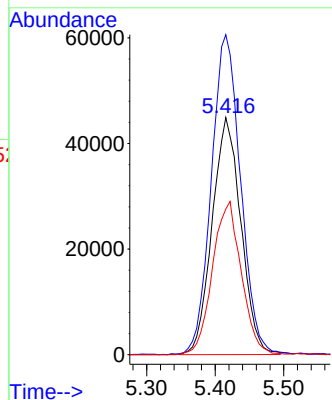
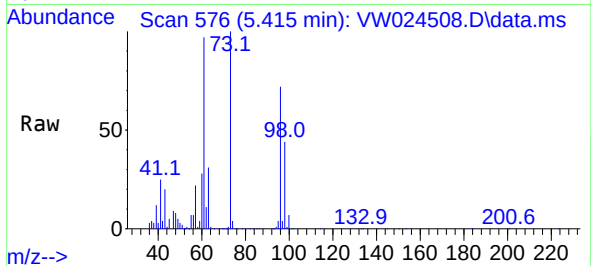




#17
trans-1,2-Dichloroethene
Concen: 25.708 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

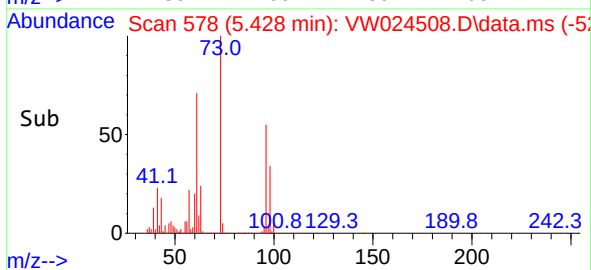
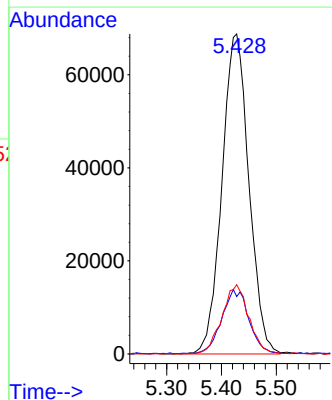
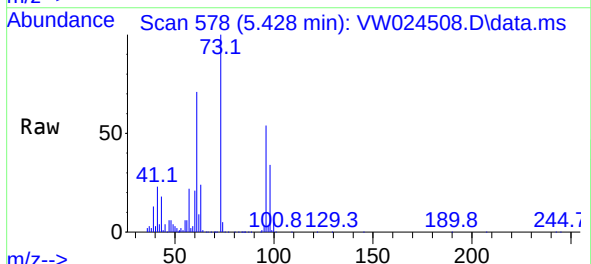
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

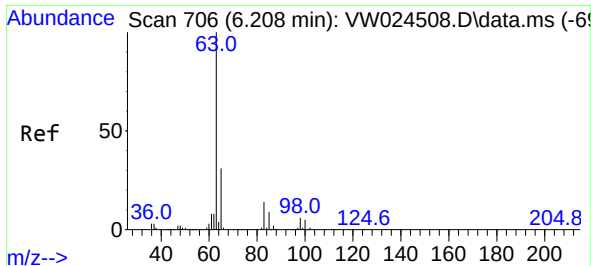
Tgt Ion: 96 Resp: 131029
Ion Ratio Lower Upper
96 100
61 134.9 92.1 171.1
98 61.4 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 28.131 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Tgt Ion: 73 Resp: 234760
Ion Ratio Lower Upper
73 100
43 11.7 18.8 28.2
57 21.6 18.1 27.1





#19

1,1-Dichloroethane

Concen: 24.082 ug/L

RT: 6.208 min Scan# 706

Delta R.T. -0.000 min

Lab File: VW024508.D

Acq: 31 Aug 2022 12:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025558

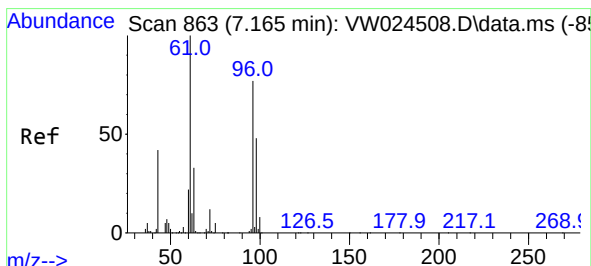
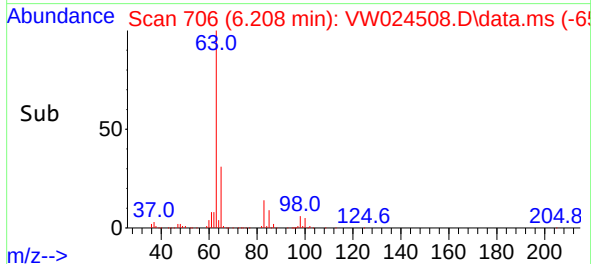
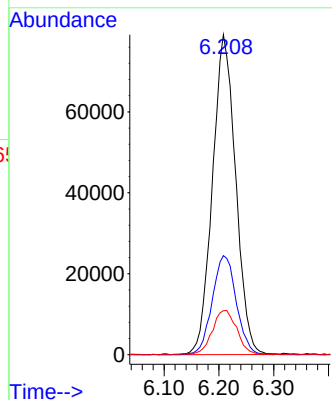
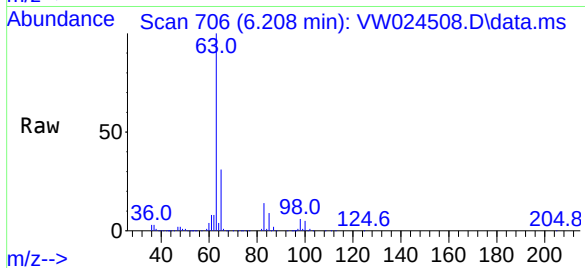
Tgt Ion: 63 Resp: 232095

Ion Ratio Lower Upper

63 100

65 31.0 23.6 43.8

83 13.7 10.4 19.4



#20

cis-1,2-Dichloroethene

Concen: 25.353 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024508.D

Acq: 31 Aug 2022 12:09

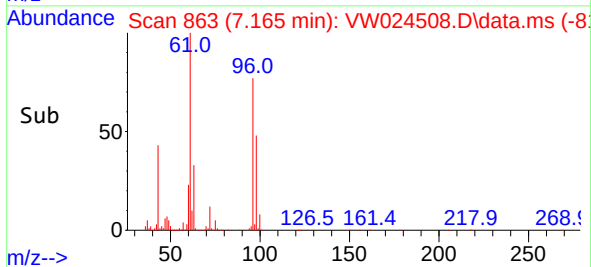
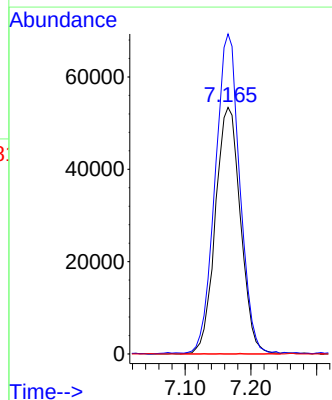
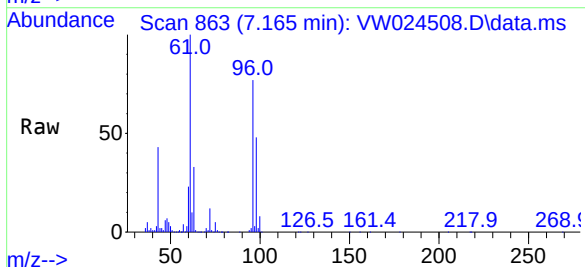
Tgt Ion: 96 Resp: 142096

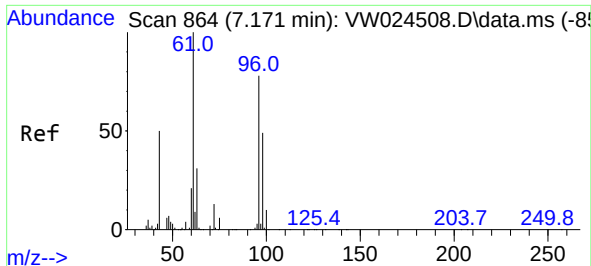
Ion Ratio Lower Upper

96 100

61 129.8 90.2 167.6

68 0.0 0.0 0.0

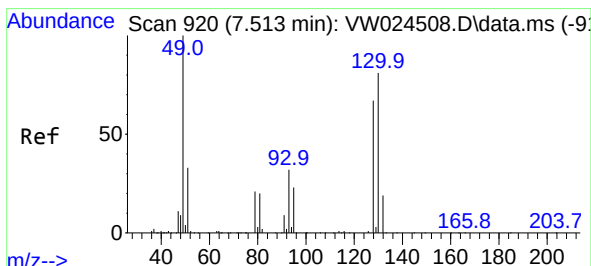
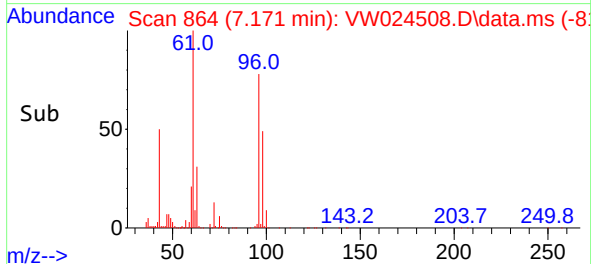
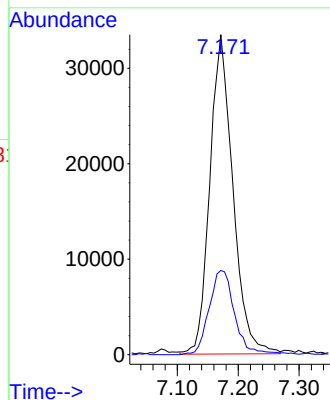
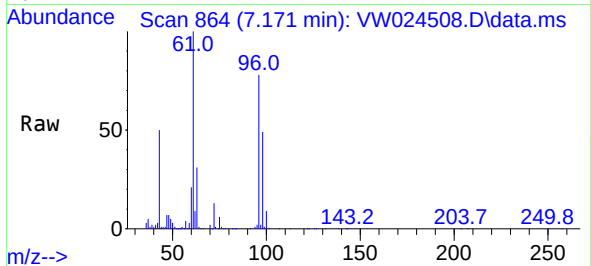




#22
2-Butanone
Concen: 45.106 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

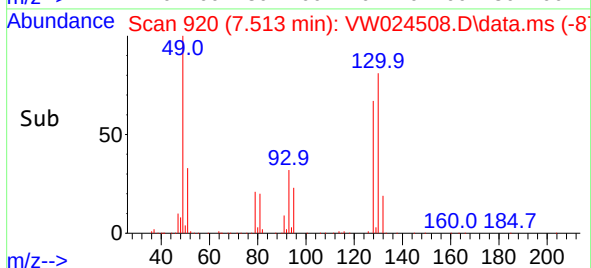
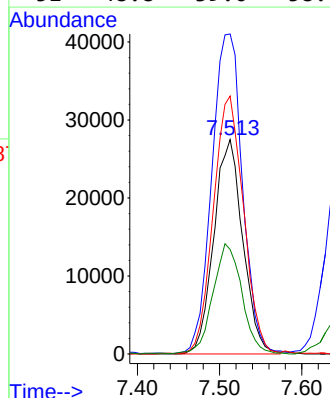
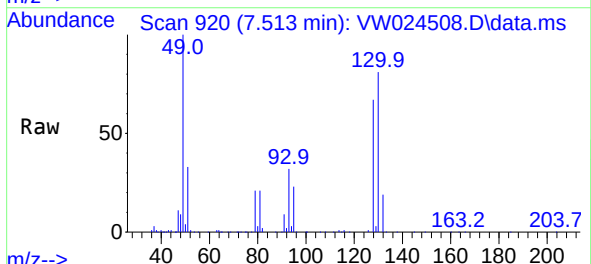
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

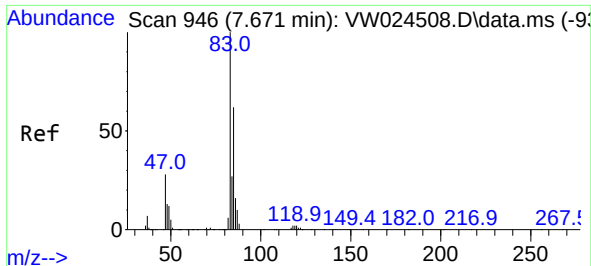
Tgt Ion: 43 Resp: 87903
Ion Ratio Lower Upper
43 100
72 28.0 13.9 41.6



#23
Bromochloromethane
Concen: 24.573 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Tgt Ion: 128 Resp: 67252
Ion Ratio Lower Upper
128 100
49 149.3 122.1 226.7
130 120.3 91.1 169.1
51 48.8 39.0 58.4





#25

Chloroform

Concen: 23.768 ug/L

RT: 7.671 min Scan# 946

Delta R.T. -0.000 min

Lab File: VW024508.D

Acq: 31 Aug 2022 12:09

Instrument :

MSVOA_W

ClientSampleId :

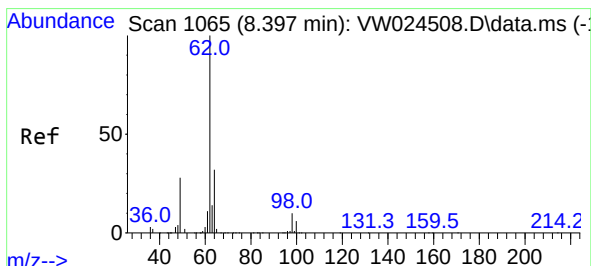
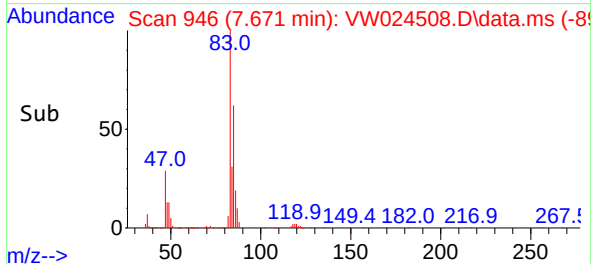
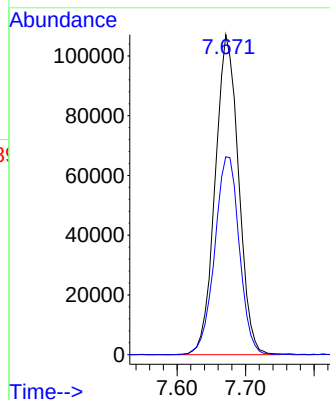
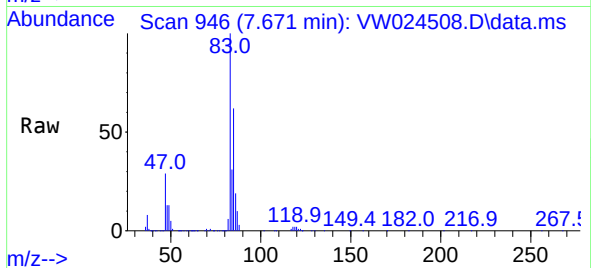
VSTD025558

Tgt Ion: 83 Resp: 254150

Ion Ratio Lower Upper

83 100

85 61.9 47.5 88.1



#27

1,2-Dichloroethane

Concen: 22.129 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW024508.D

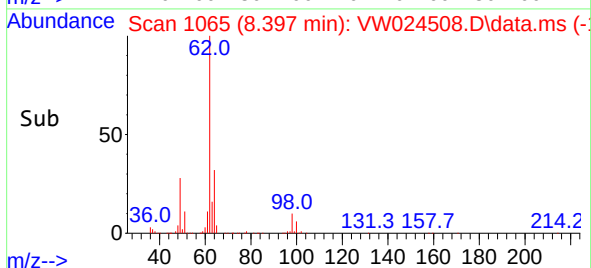
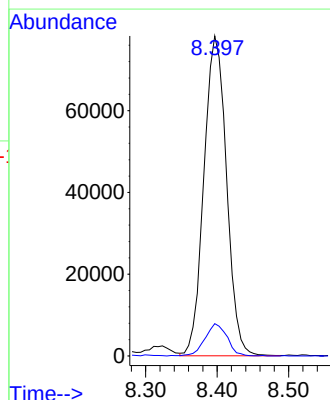
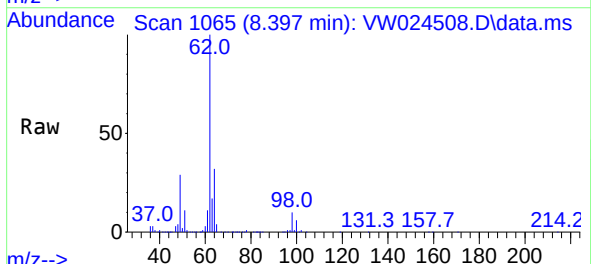
Acq: 31 Aug 2022 12:09

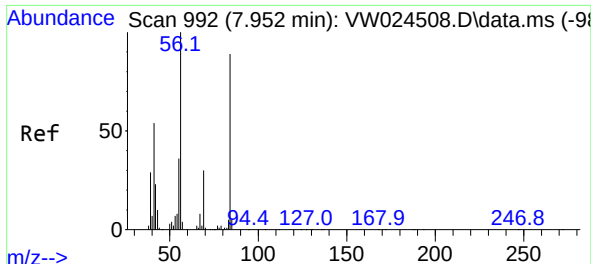
Tgt Ion: 62 Resp: 172240

Ion Ratio Lower Upper

62 100

98 10.1 6.7 10.1#





#29

Cyclohexane

Concen: 28.283 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024508.D

Acq: 31 Aug 2022 12:09

Instrument :

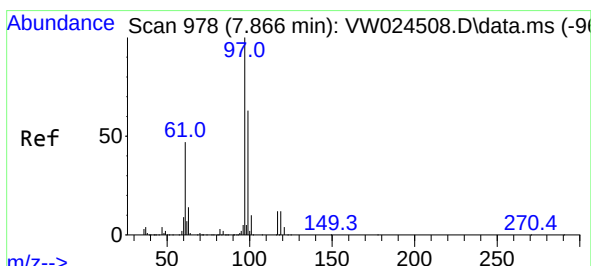
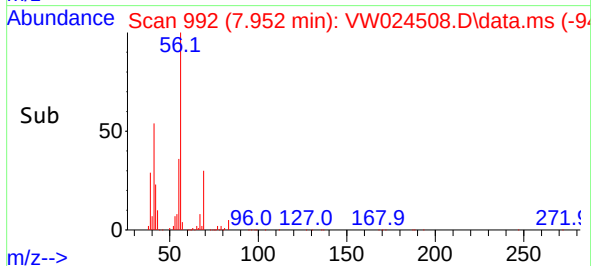
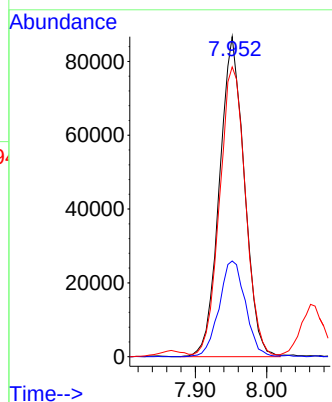
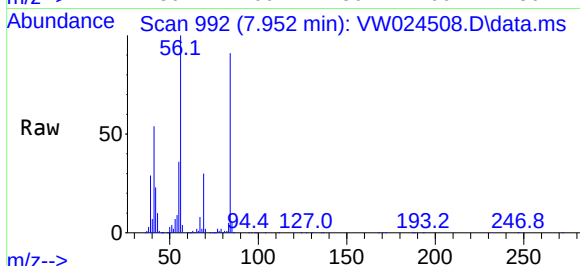
MSVOA_W

ClientSampleId :

VSTD025558

Tgt Ion: 56 Resp: 209220

Ion	Ratio	Lower	Upper
56	100		
69	31.6	23.5	35.3
84	94.1	72.2	108.4



#30

1,1,1-Trichloroethane

Concen: 25.996 ug/L

RT: 7.866 min Scan# 978

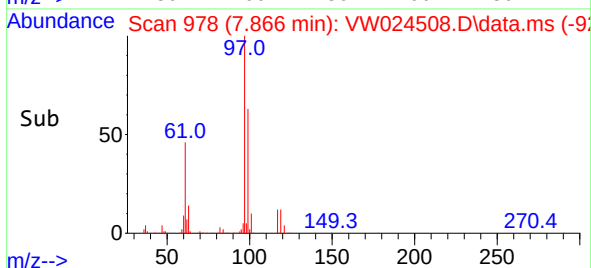
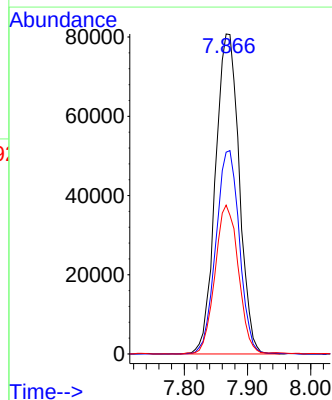
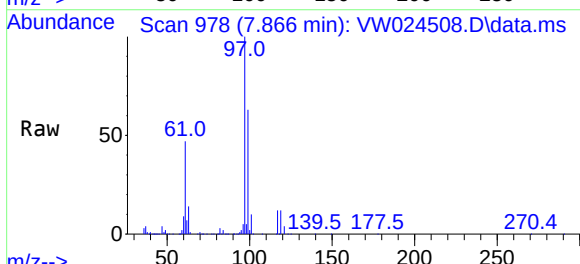
Delta R.T. -0.000 min

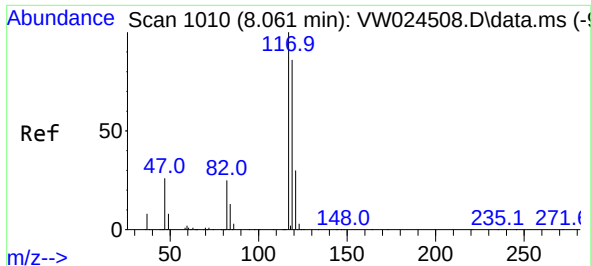
Lab File: VW024508.D

Acq: 31 Aug 2022 12:09

Tgt Ion: 97 Resp: 210290

Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.2	75.2
61	46.0	40.2	60.4

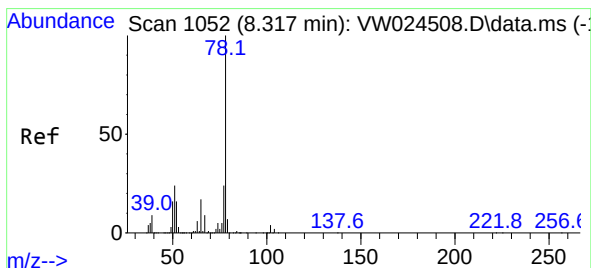
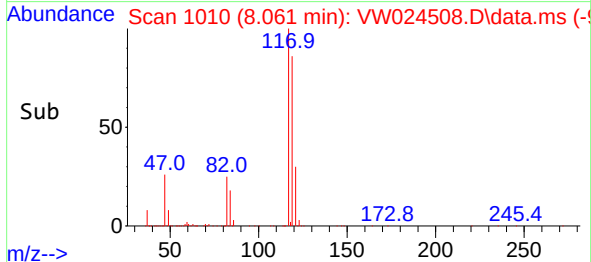
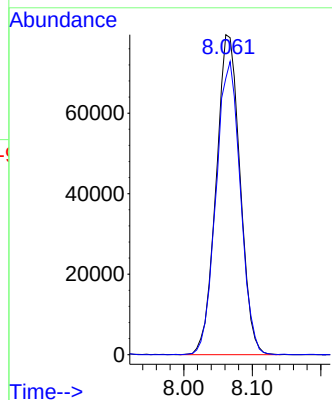
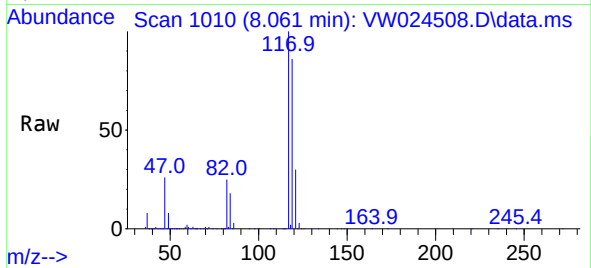




#31
Carbon tetrachloride
Concen: 25.986 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

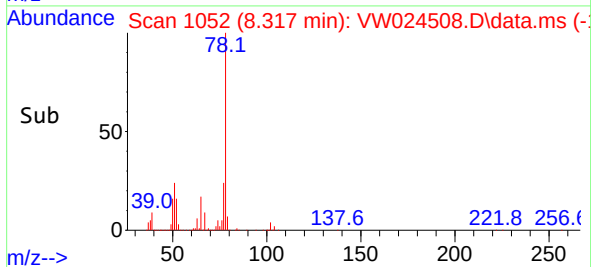
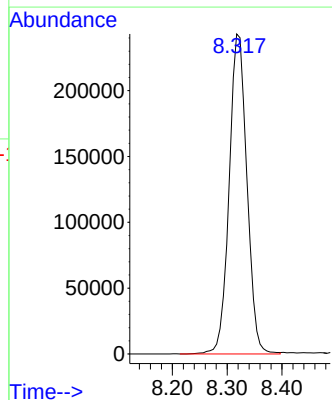
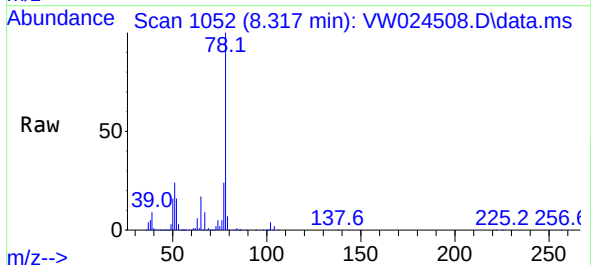
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

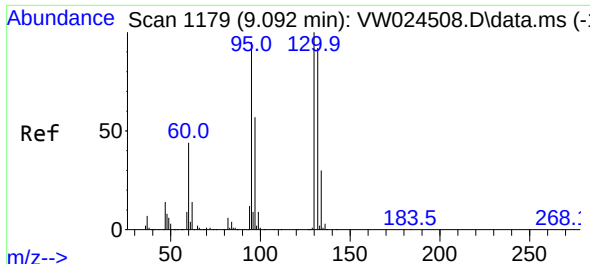
Tgt Ion:117 Resp: 192317
Ion Ratio Lower Upper
117 100
119 93.3 75.9 113.9



#33
Benzene
Concen: 25.622 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Tgt Ion: 78 Resp: 547352



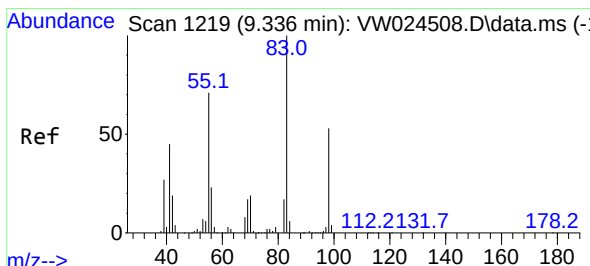
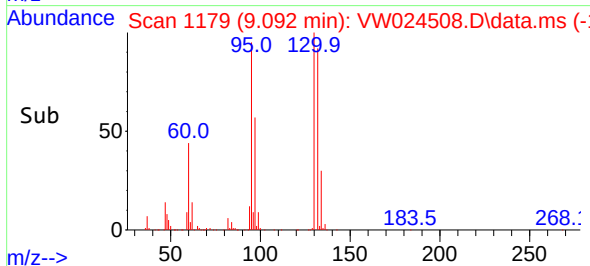
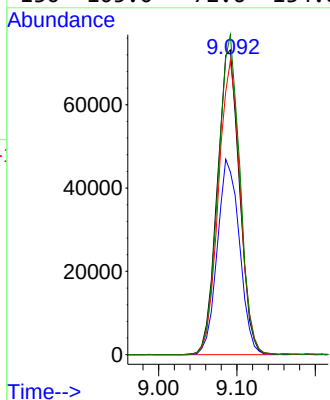
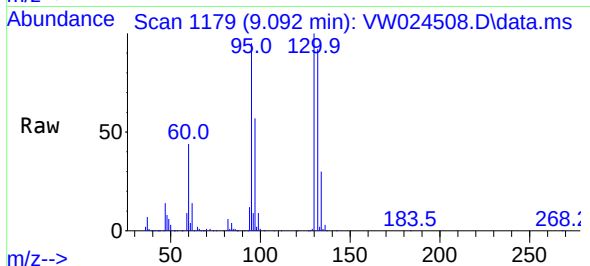


#34
Trichloroethene
Concen: 25.658 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

Tgt Ion: 95 Resp: 144463

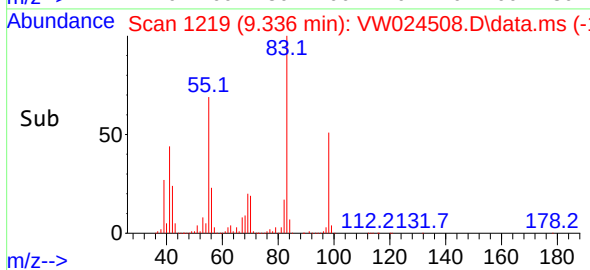
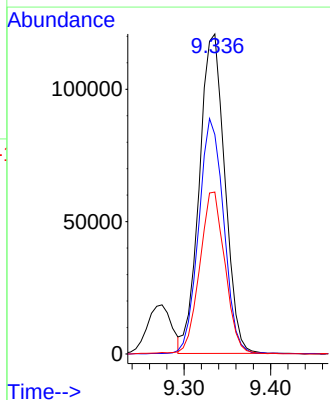
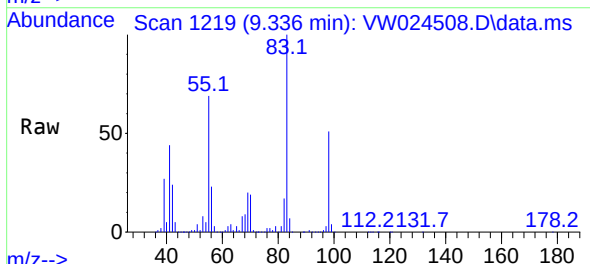
Ion	Ratio	Lower	Upper
95	100		
97	60.0	48.4	89.8
132	96.4	68.6	127.4
130	105.0	72.6	134.8

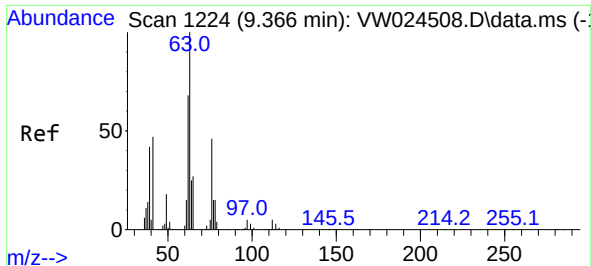


#35
Methylcyclohexane
Concen: 27.274 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Tgt Ion: 83 Resp: 246386

Ion	Ratio	Lower	Upper
83	100		
55	72.6	60.1	90.1
98	50.5	40.5	60.7





#37

1,2-Dichloropropane

Concen: 24.694 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024508.D

Acq: 31 Aug 2022 12:09

Instrument :

MSVOA_W

ClientSampleId :

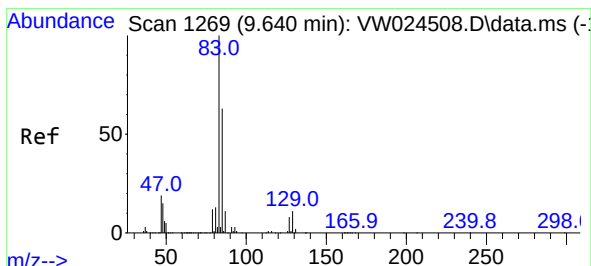
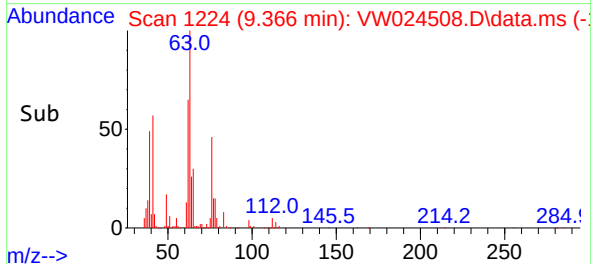
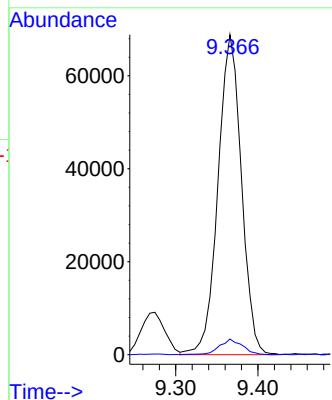
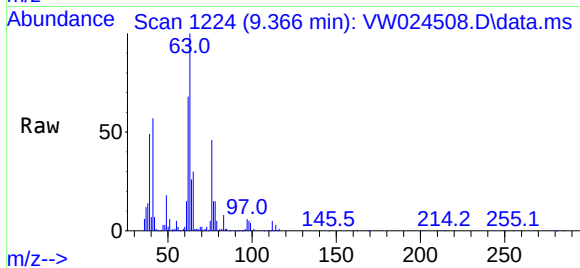
VSTD025558

Tgt Ion: 63 Resp: 136139

Ion Ratio Lower Upper

63 100

112 4.8 3.4 5.0



#38

Bromodichloromethane

Concen: 25.042 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024508.D

Acq: 31 Aug 2022 12:09

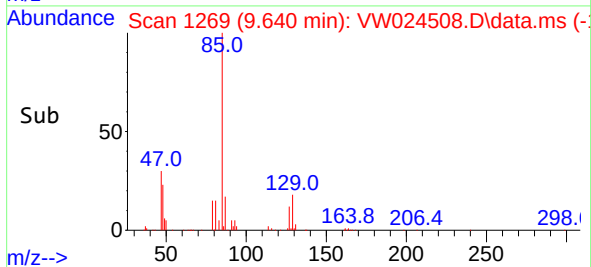
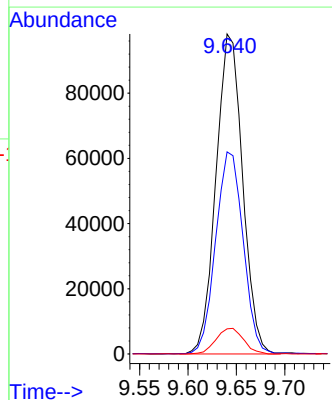
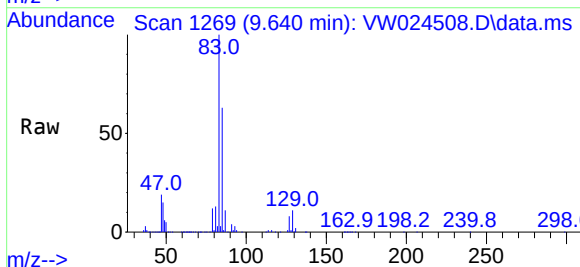
Tgt Ion: 83 Resp: 188009

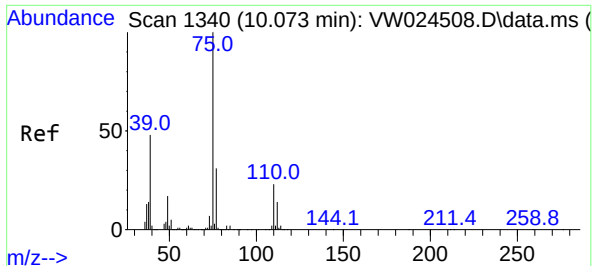
Ion Ratio Lower Upper

83 100

85 63.2 46.3 85.9

127 7.9 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 27.420 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.006 min

Lab File: VW024508.D

Acq: 31 Aug 2022 12:09

Instrument :

MSVOA_W

ClientSampleId :

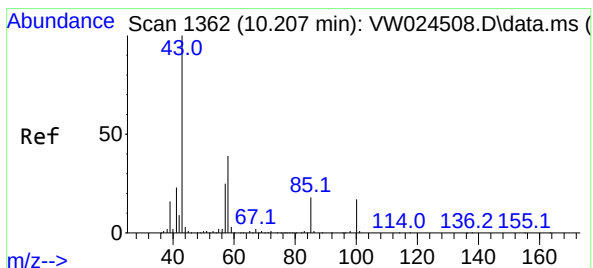
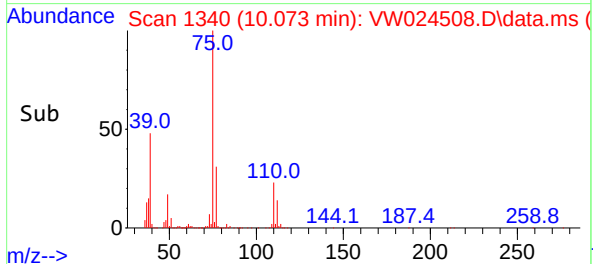
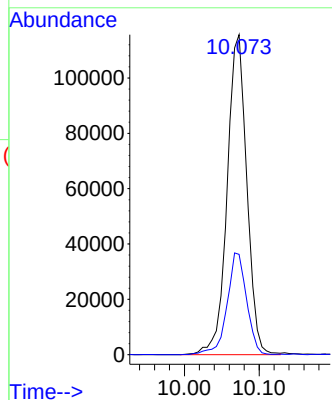
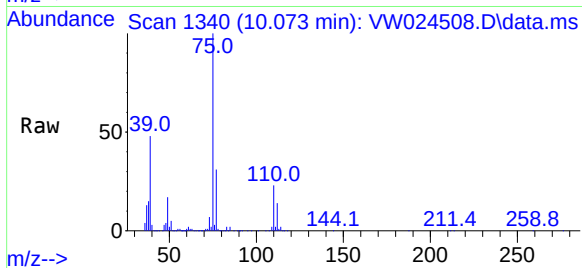
VSTD025558

Tgt Ion: 75 Resp: 211313

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 49.704 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024508.D

Acq: 31 Aug 2022 12:09

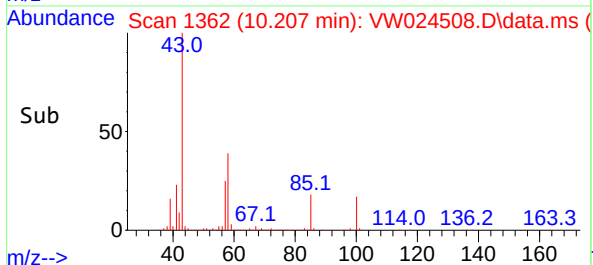
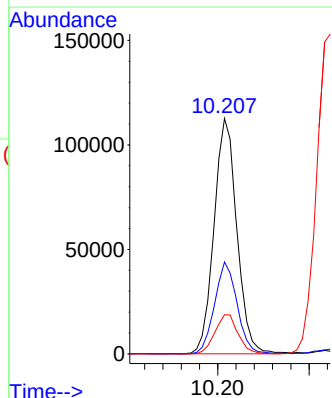
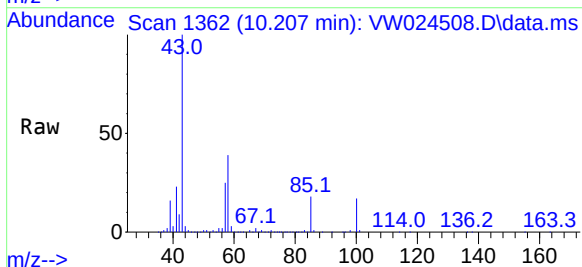
Tgt Ion: 43 Resp: 194851

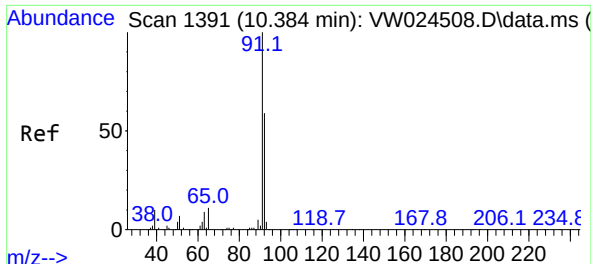
Ion Ratio Lower Upper

43 100

58 38.7 29.4 44.2

100 17.1 11.8 17.8

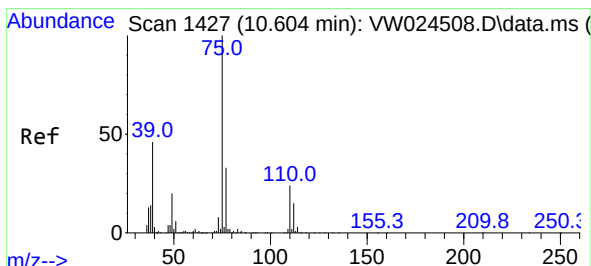
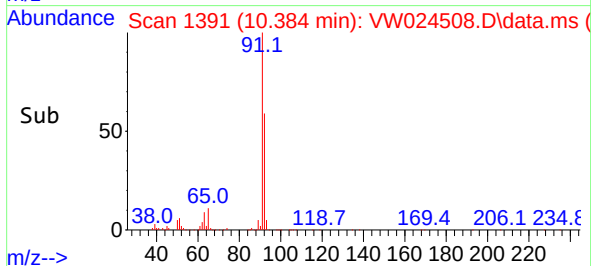
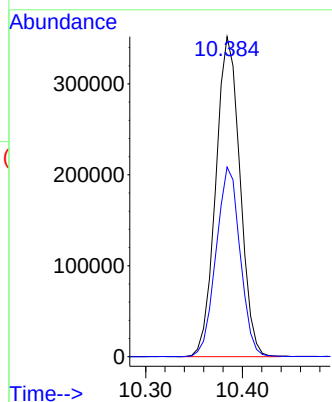
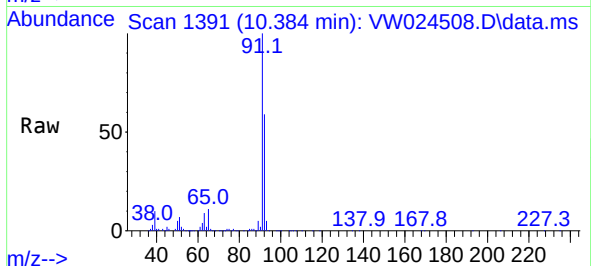




#42
Toluene
Concen: 26.005 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

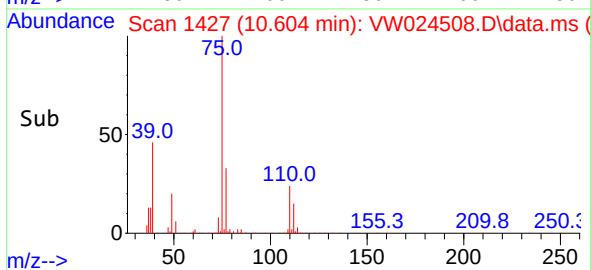
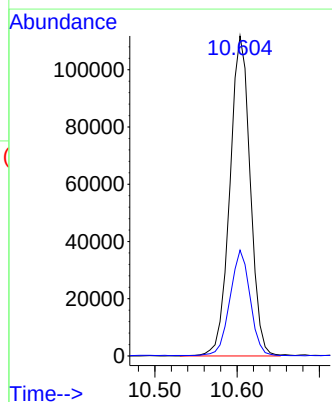
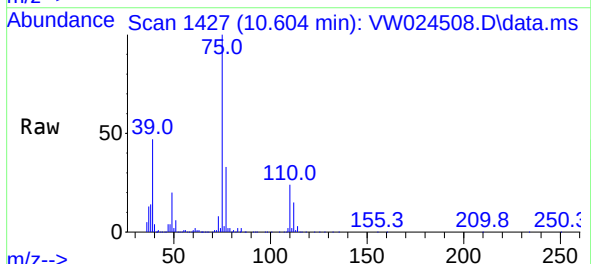
Instrument : MSVOA_W
ClientSampleId : VSTD025558

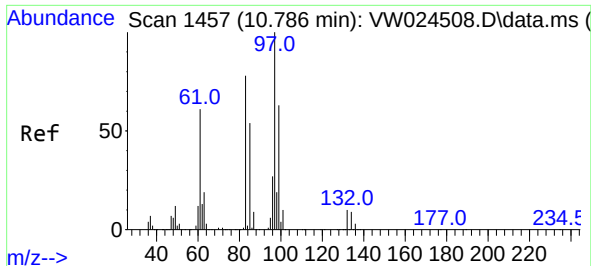
Tgt Ion: 91 Resp: 613077
Ion Ratio Lower Upper
91 100
92 59.3 40.0 74.4



#44
trans-1,3-Dichloropropene
Concen: 25.703 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Tgt Ion: 75 Resp: 192471
Ion Ratio Lower Upper
75 100
77 33.0 21.1 39.1





#45

1,1,2-Trichloroethane

Concen: 25.081 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.006 min

Lab File: VW024508.D

Acq: 31 Aug 2022 12:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD025558

Tgt Ion: 97 Resp: 112759

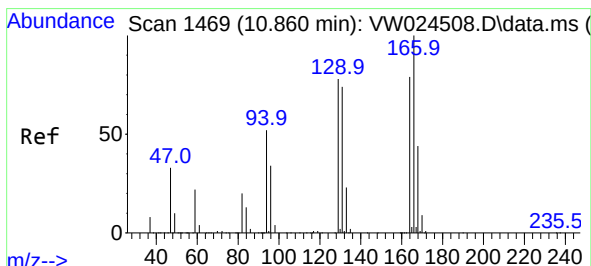
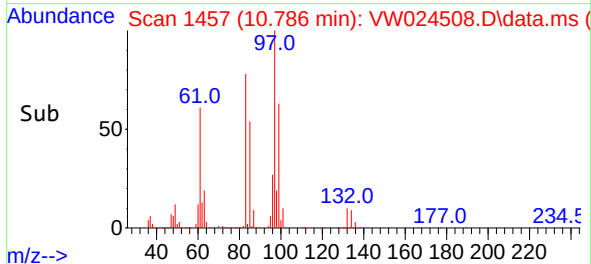
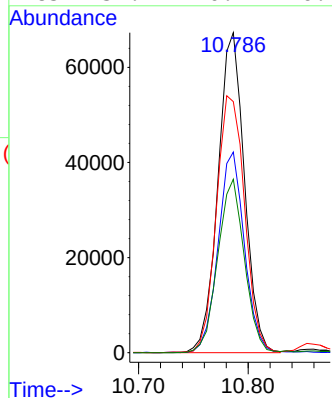
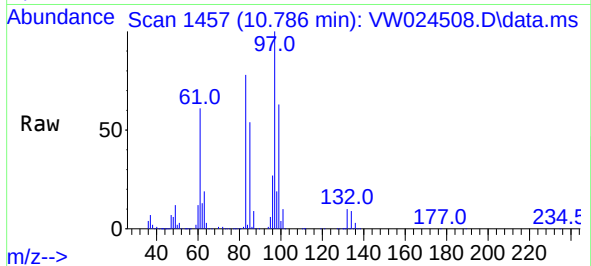
Ion Ratio Lower Upper

97 100

99 62.7 40.4 75.0

83 78.4 60.1 111.5

85 54.2 40.9 76.0



#46

Tetrachloroethene

Concen: 24.769 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024508.D

Acq: 31 Aug 2022 12:09

Tgt Ion:164 Resp: 108310

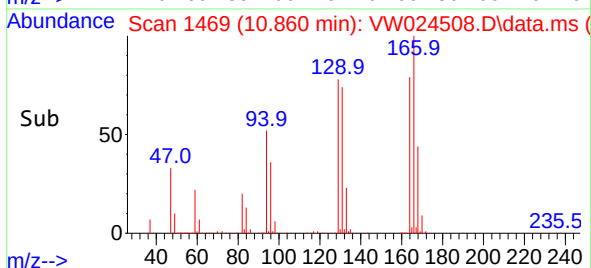
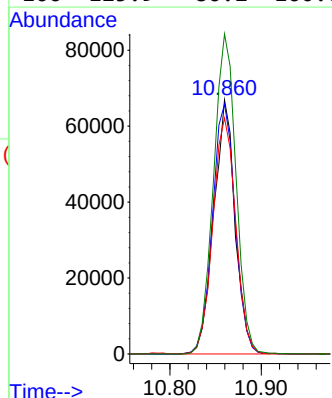
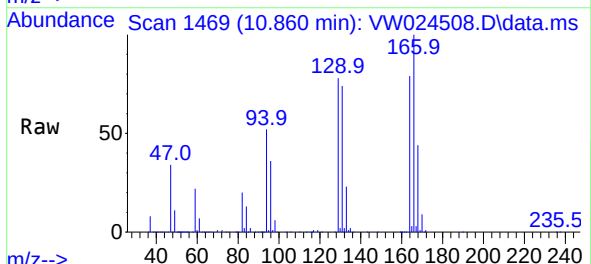
Ion Ratio Lower Upper

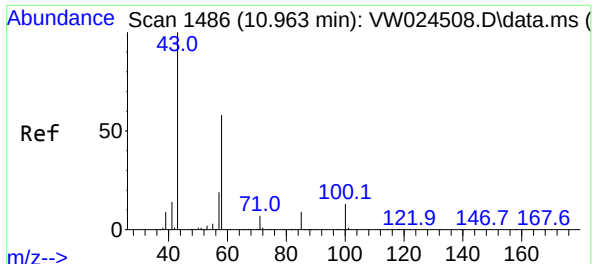
164 100

129 98.3 72.9 135.3

131 92.9 63.7 118.3

166 125.9 86.2 160.0



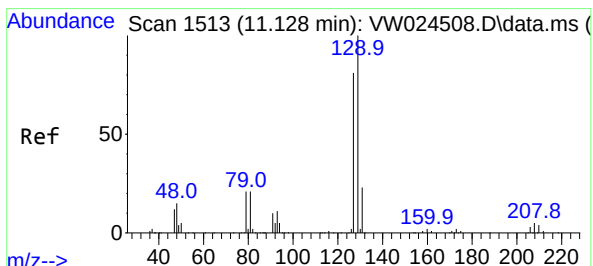
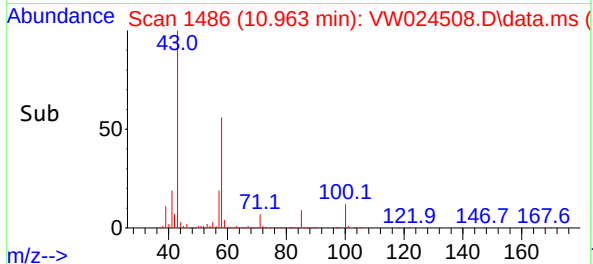
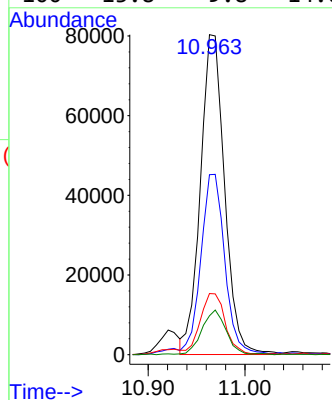
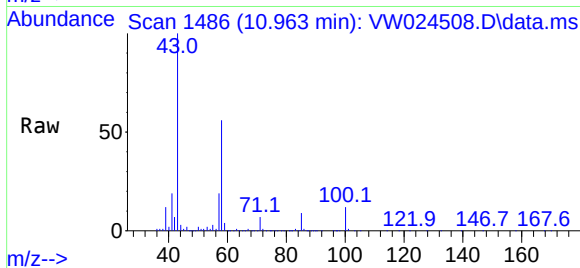


#48
2-Hexanone
Concen: 48.470 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

Tgt Ion: 43 Resp: 140158

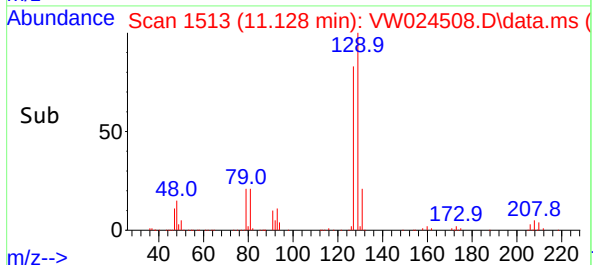
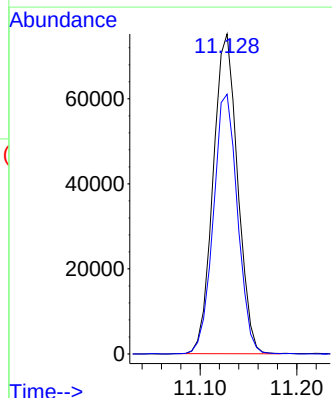
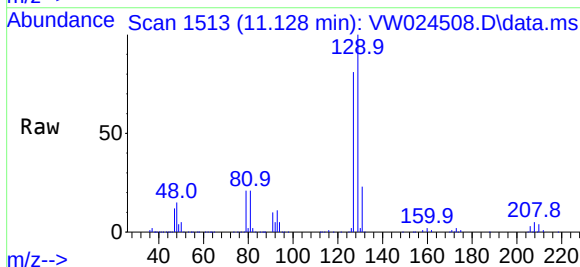
Ion	Ratio	Lower	Upper
43	100		
58	55.3	40.6	61.0
57	19.5	14.2	21.2
100	13.8	9.8	14.6

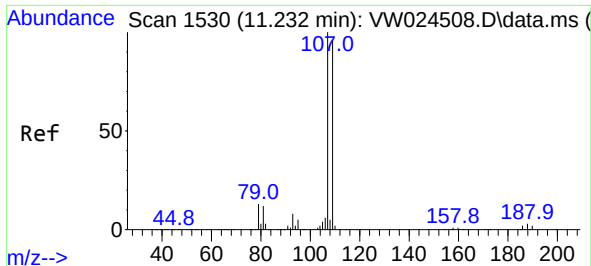


#49
Dibromochloromethane
Concen: 24.832 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Tgt Ion: 129 Resp: 132043

Ion	Ratio	Lower	Upper
129	100		
127	81.1	54.6	101.4



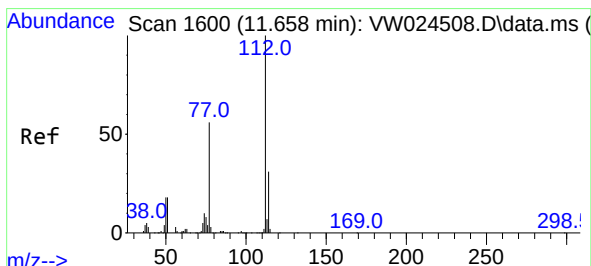
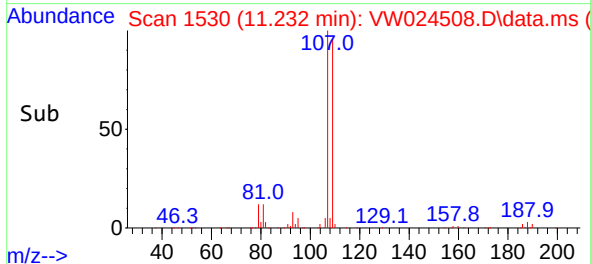
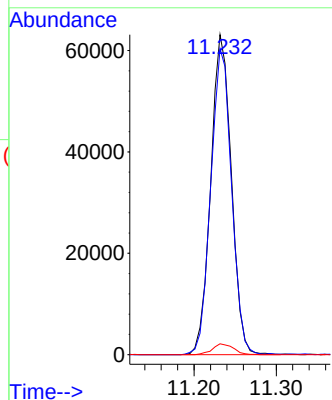
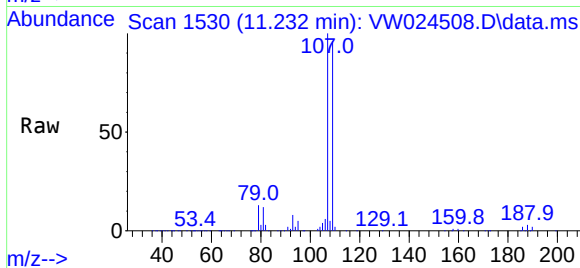


#50
1,2-Dibromoethane
Concen: 25.433 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

Tgt Ion:107 Resp: 109927

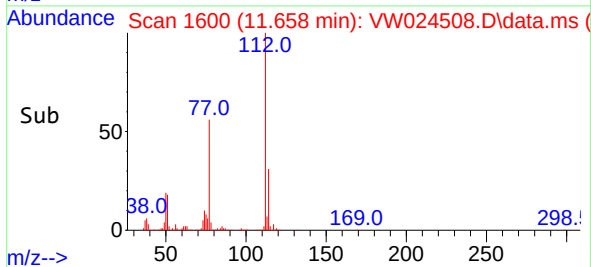
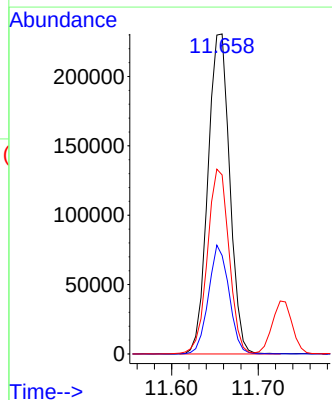
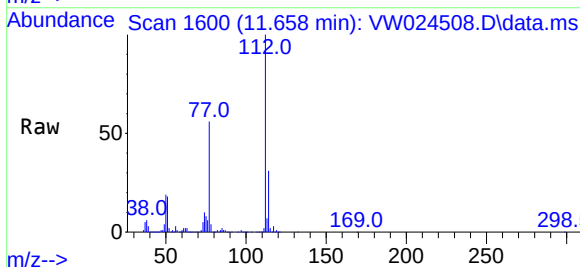
Ion	Ratio	Lower	Upper
107	100		
109	95.6	70.1	130.1
188	3.4	2.6	3.8

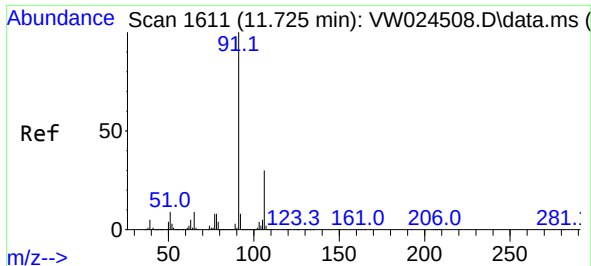


#51
Chlorobenzene
Concen: 25.523 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Tgt Ion:112 Resp: 403870

Ion	Ratio	Lower	Upper
112	100		
114	30.7	22.3	41.3
77	56.0	44.1	66.1

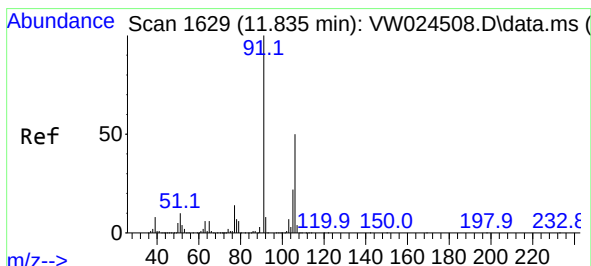
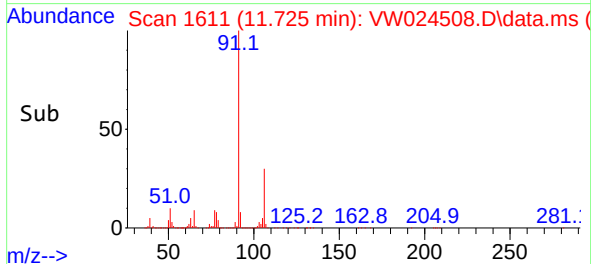
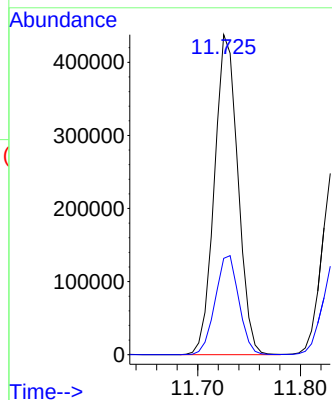
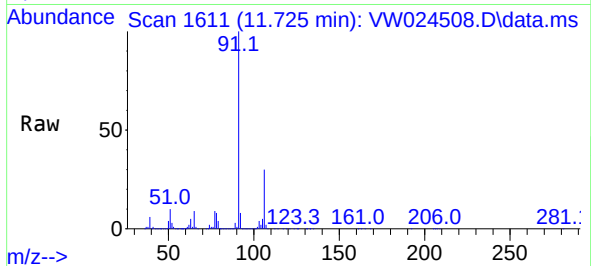




#52
Ethylbenzene
Concen: 26.664 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

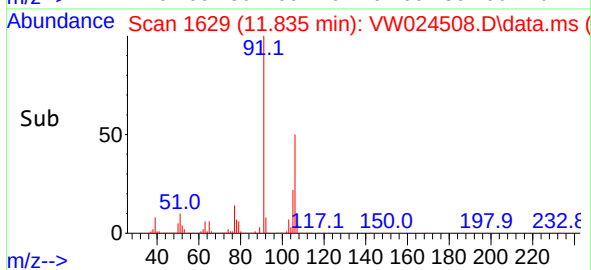
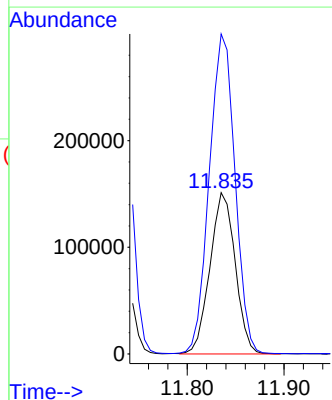
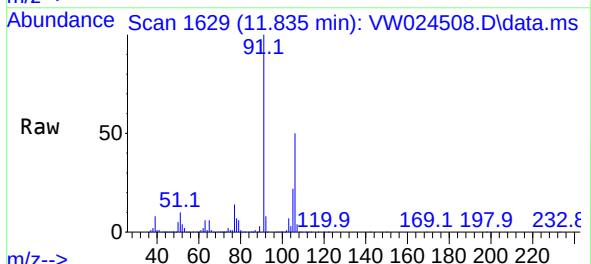
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

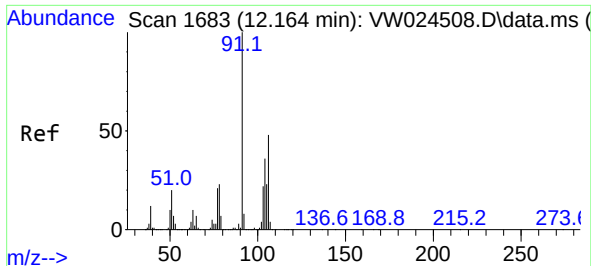
Tgt Ion: 91 Resp: 695001
Ion Ratio Lower Upper
91 100
106 30.1 22.7 42.3



#53
m,p-Xylene
Concen: 26.821 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Tgt Ion: 106 Resp: 274552
Ion Ratio Lower Upper
106 100
91 198.4 144.3 267.9

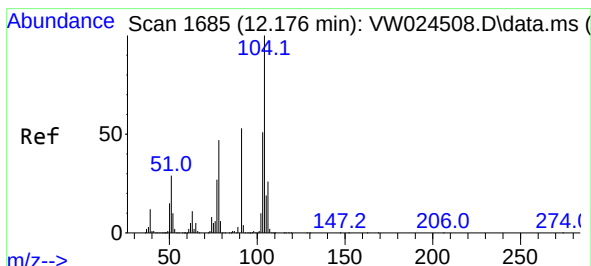
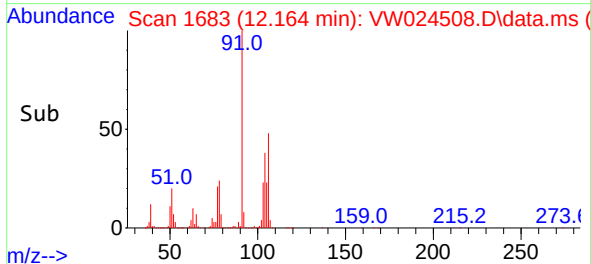
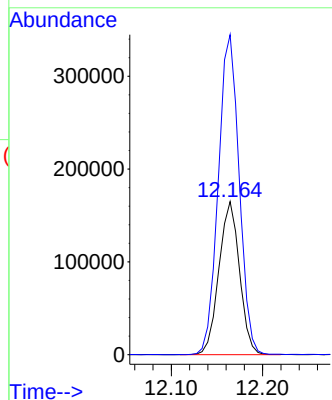
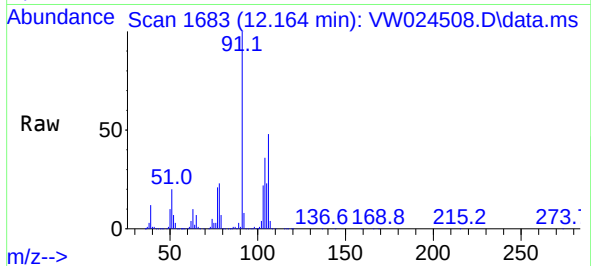




#54
o-Xylene
Concen: 27.029 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

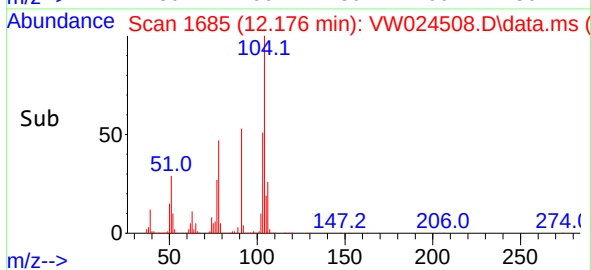
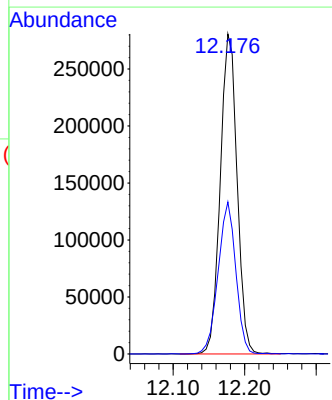
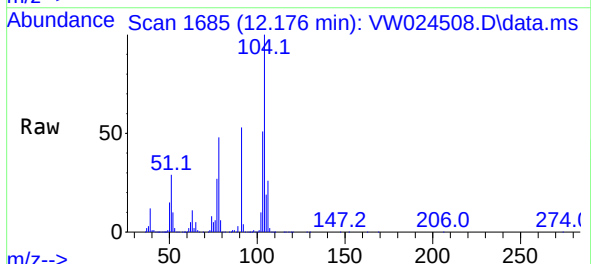
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

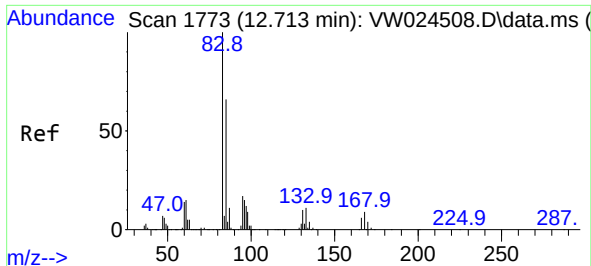
Tgt Ion:106 Resp: 258644
Ion Ratio Lower Upper
106 100
91 208.9 152.1 282.5



#55
Styrene
Concen: 27.090 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Tgt Ion:104 Resp: 458226
Ion Ratio Lower Upper
104 100
78 47.5 32.0 59.4



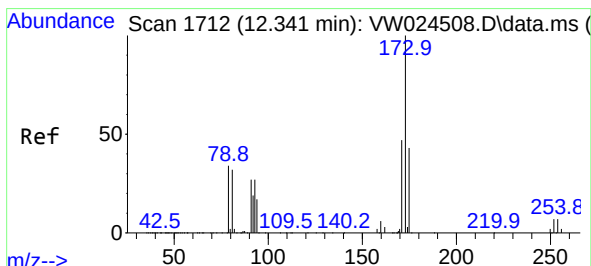
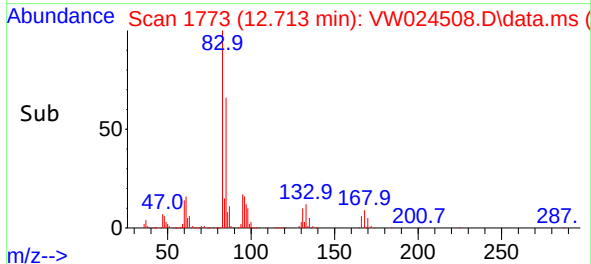
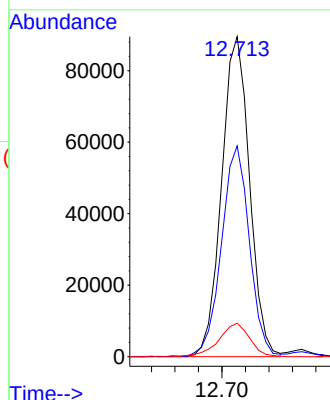
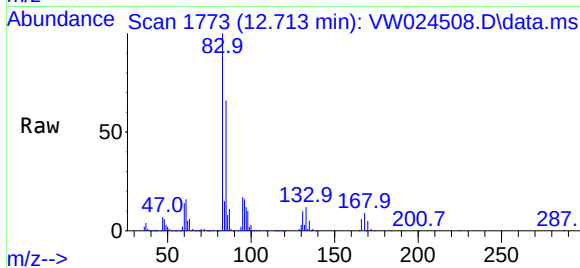


#57
1,1,2,2-Tetrachloroethane
Concen: 23.528 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

Tgt Ion: 83 Resp: 147645

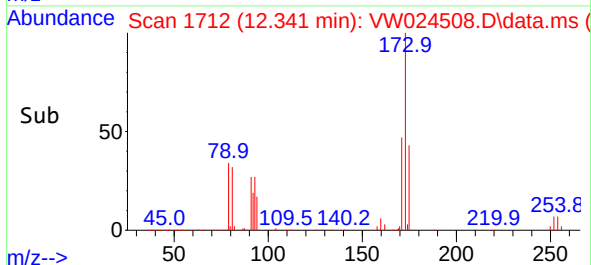
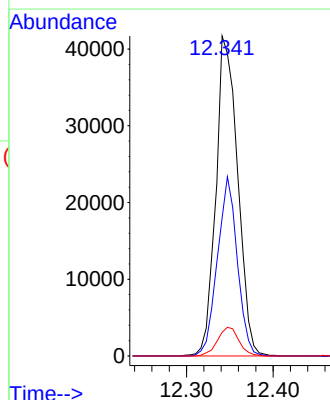
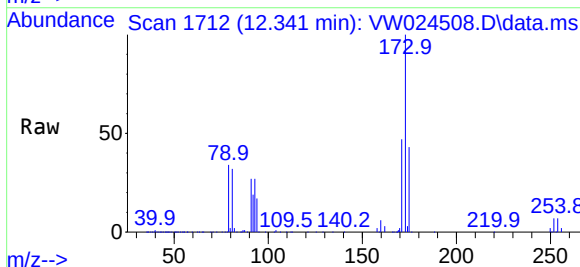
Ion	Ratio	Lower	Upper
83	100		
85	65.9	44.4	82.5
131	10.4	8.4	12.6

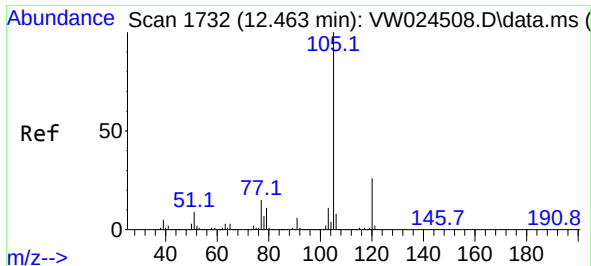


#59
Bromoform
Concen: 23.927 ug/L
RT: 12.341 min Scan# 1712
Delta R.T. -0.006 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Tgt Ion: 173 Resp: 72831

Ion	Ratio	Lower	Upper
173	100		
175	51.1	39.8	59.6
254	8.8	6.8	10.2

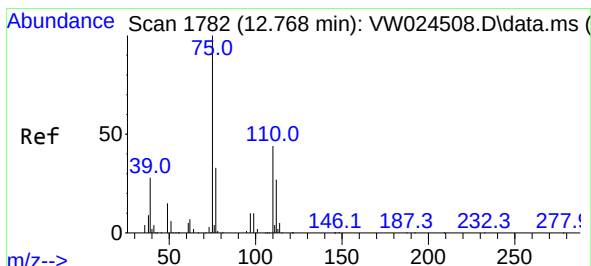
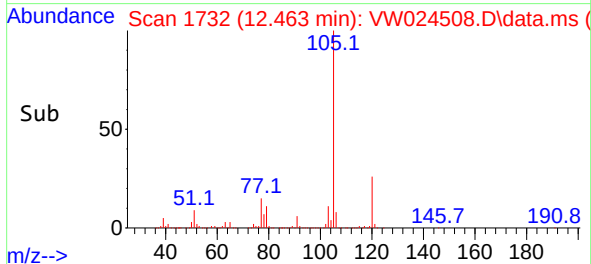
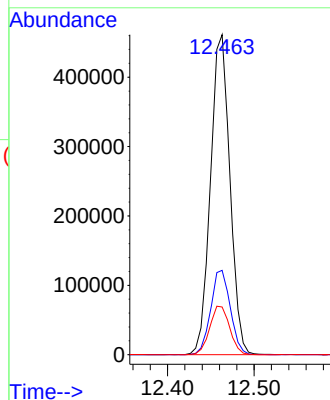
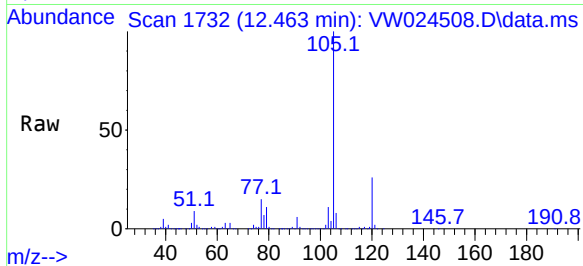




#60
Isopropylbenzene
Concen: 28.531 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

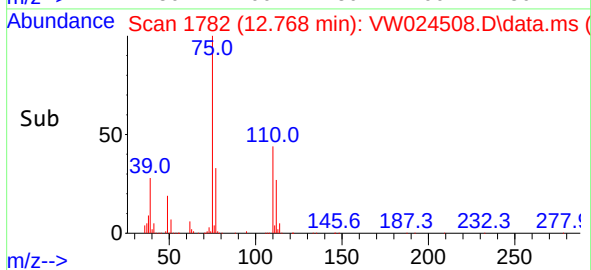
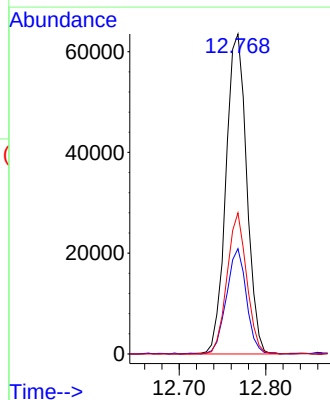
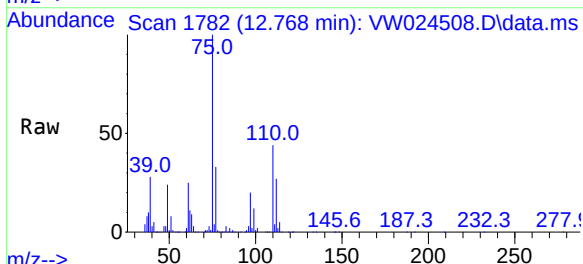
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

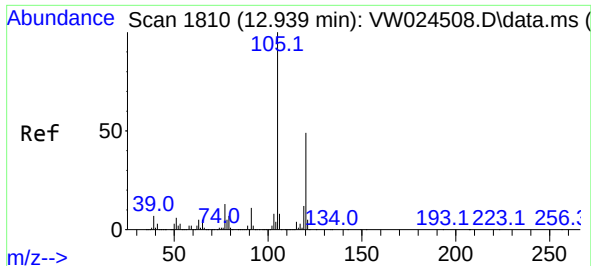
Tgt Ion:105 Resp: 718739
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.0
77 15.6 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 24.677 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Tgt Ion: 75 Resp: 105846
Ion Ratio Lower Upper
75 100
77 31.6 26.5 39.7
110 41.7 33.8 50.8

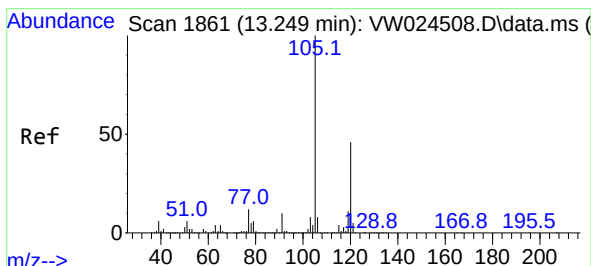
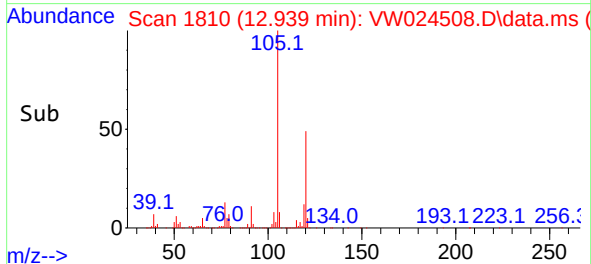
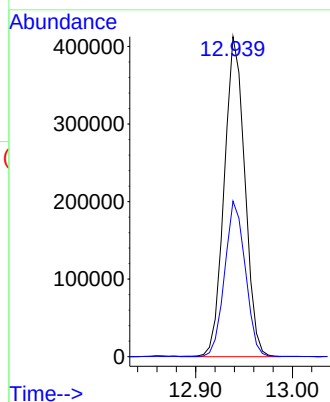
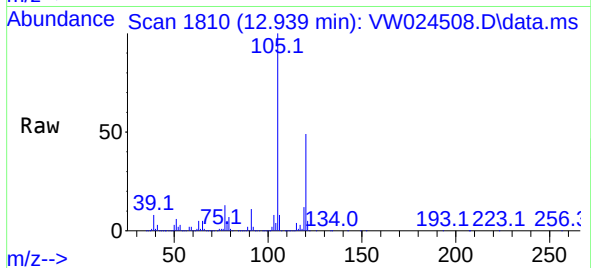




#62
1,3,5-Trimethylbenzene
Concen: 29.981 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

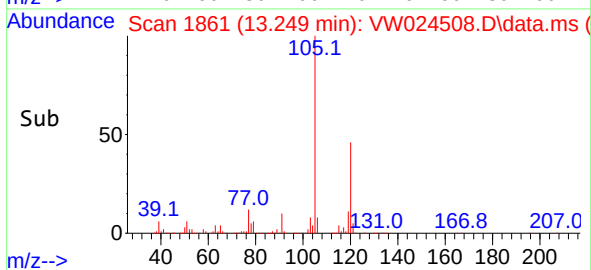
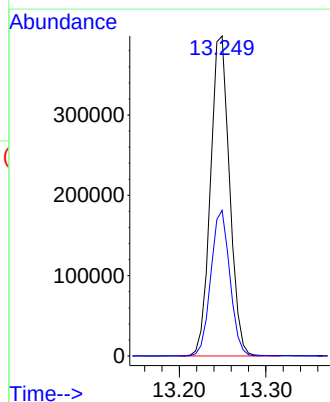
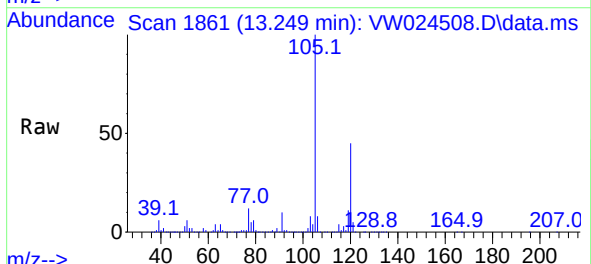
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

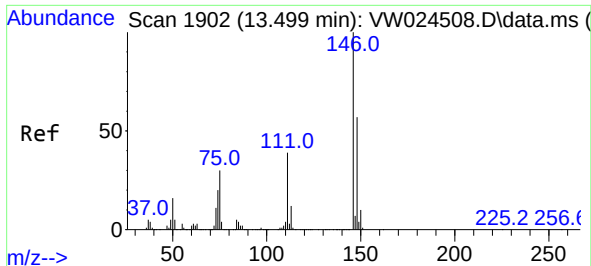
Tgt Ion:105 Resp: 608997
Ion Ratio Lower Upper
105 100
120 48.7 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 30.916 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Tgt Ion:105 Resp: 609996
Ion Ratio Lower Upper
105 100
120 45.2 36.2 54.2

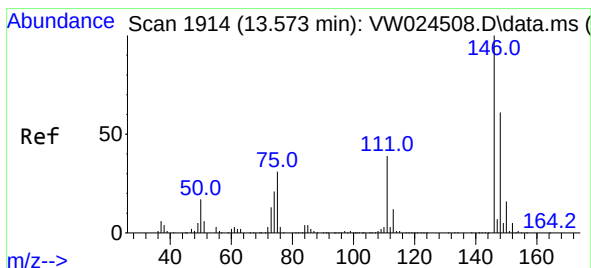
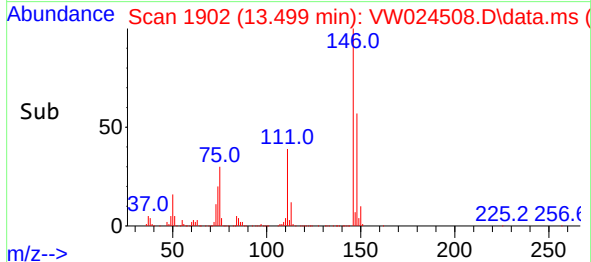
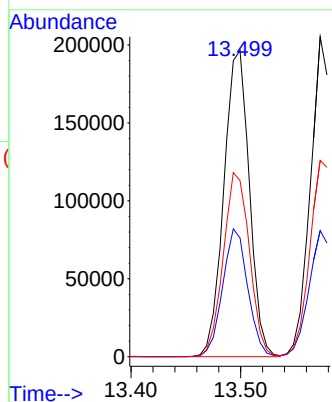
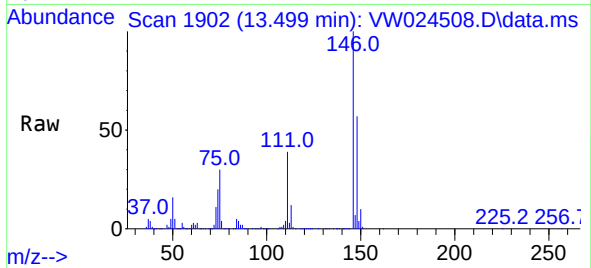




#64
1,3-Dichlorobenzene
Concen: 26.408 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

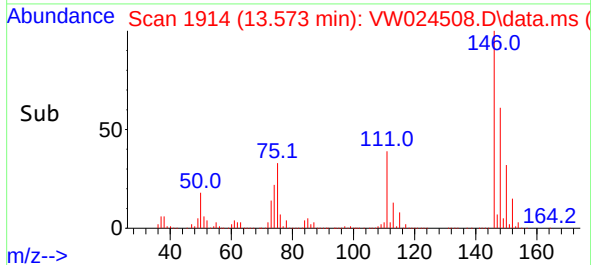
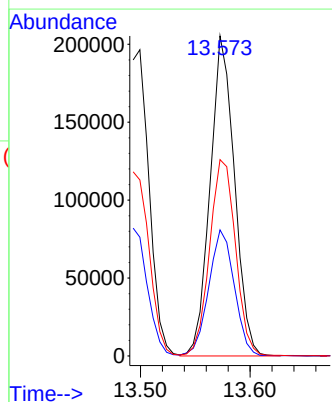
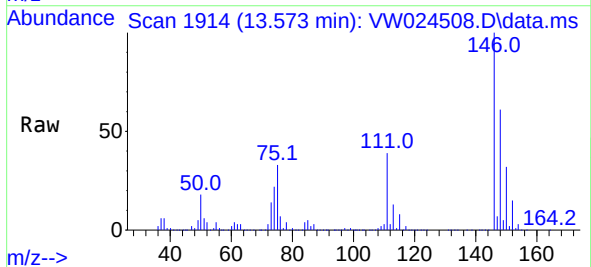
Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

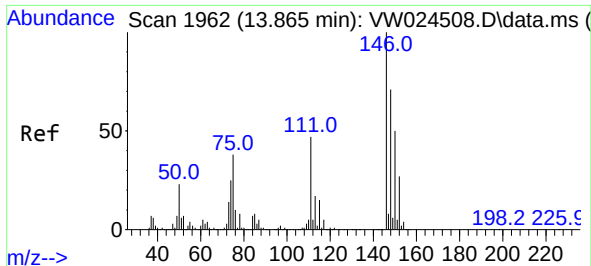
Tgt Ion:146 Resp: 318070
Ion Ratio Lower Upper
146 100
111 38.8 27.0 50.2
148 57.5 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 24.963 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Tgt Ion:146 Resp: 317432
Ion Ratio Lower Upper
146 100
111 39.4 27.7 51.5
148 61.4 46.5 86.5



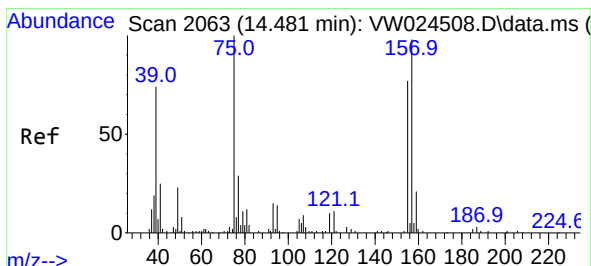
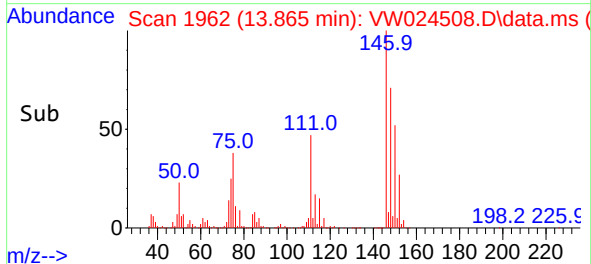
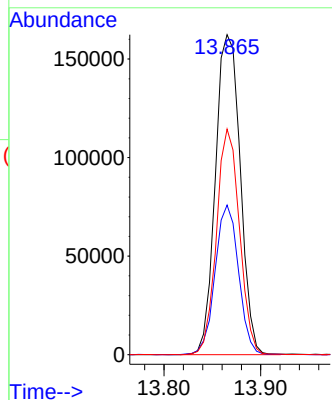
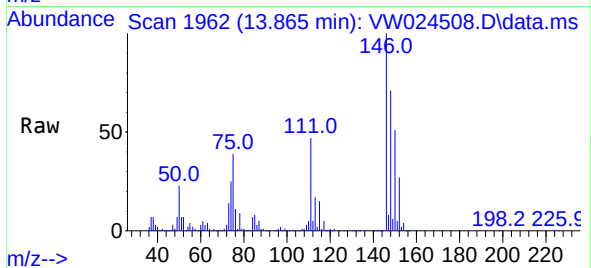


#67
1,2-Dichlorobenzene
Concen: 25.650 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

Tgt Ion:146 Resp: 289594

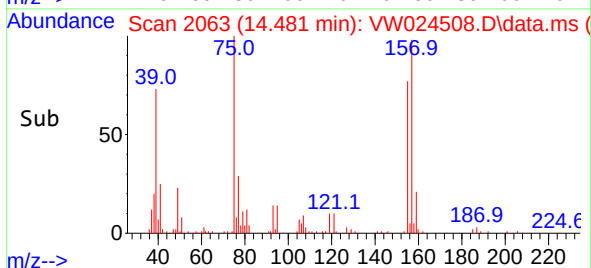
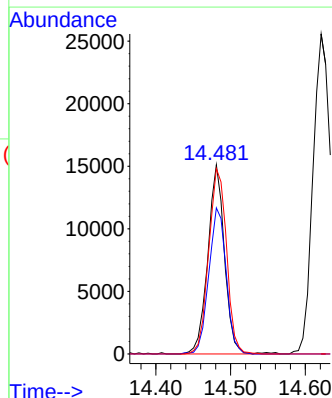
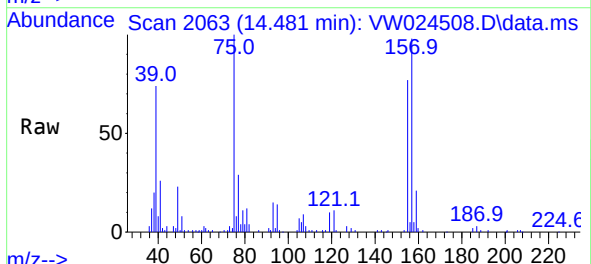
Ion	Ratio	Lower	Upper
146	100		
111	46.7	34.5	51.7
148	70.5	50.6	75.8

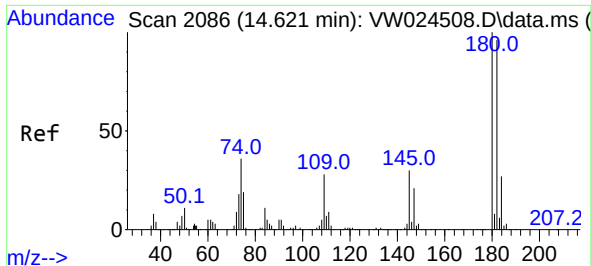


#68
1,2-Dibromo-3-chloropropane
Concen: 21.712 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Tgt Ion: 75 Resp: 23397

Ion	Ratio	Lower	Upper
75	100		
155	77.2	63.9	95.9
157	98.1	72.2	108.4



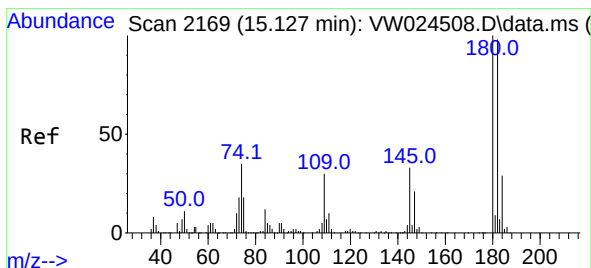
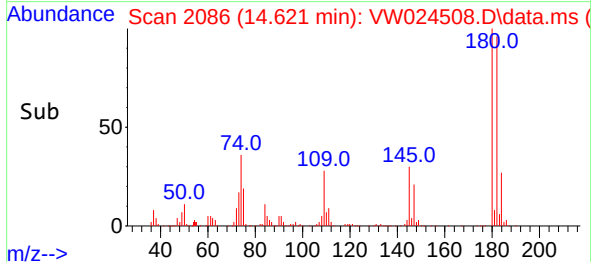
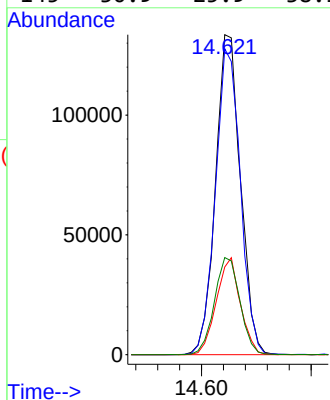
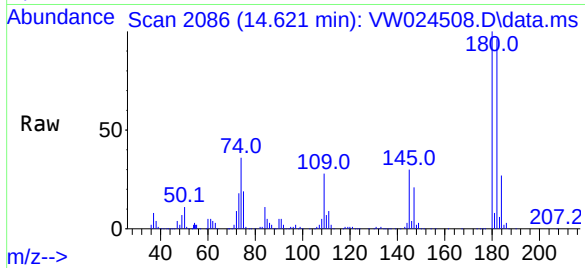


#69
1,3,5-Trichlorobenzene
Concen: 27.206 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

Tgt Ion:180 Resp: 211503

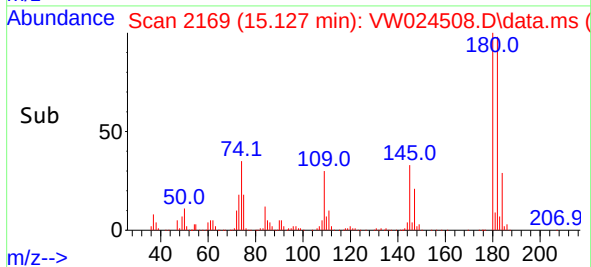
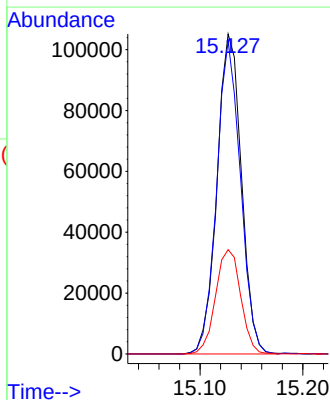
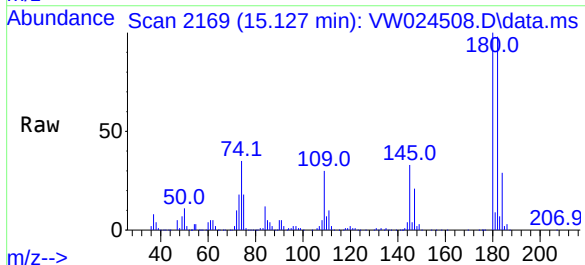
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.6	114.8
184	29.1	24.5	36.7
145	30.9	25.9	38.9

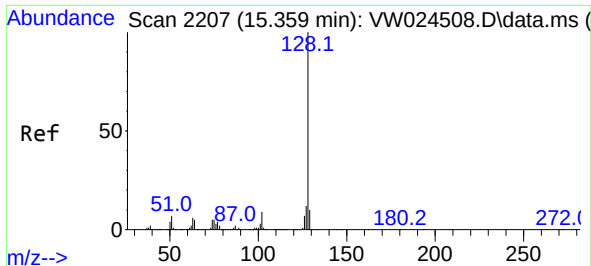


#70
1,2,4-trichlorobenzene
Concen: 28.619 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Tgt Ion:180 Resp: 172953

Ion	Ratio	Lower	Upper
180	100		
182	95.4	72.6	109.0
145	33.6	26.2	39.2

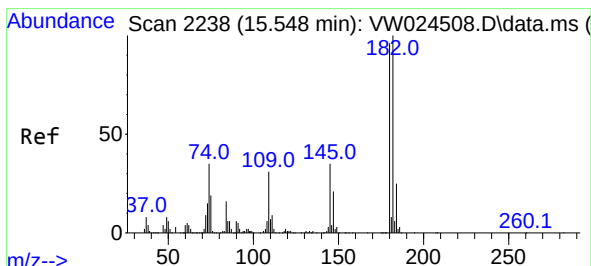
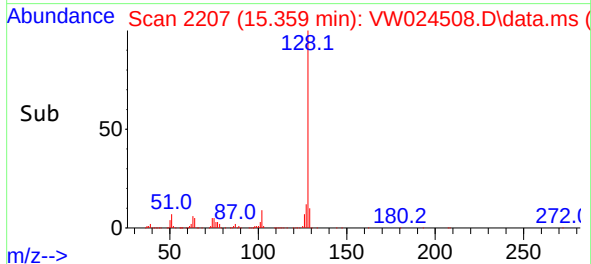
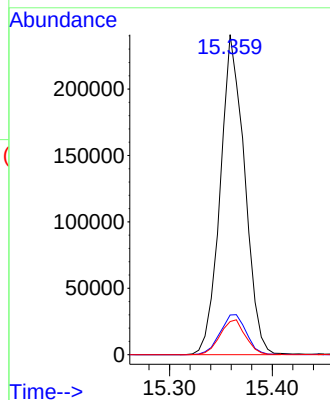
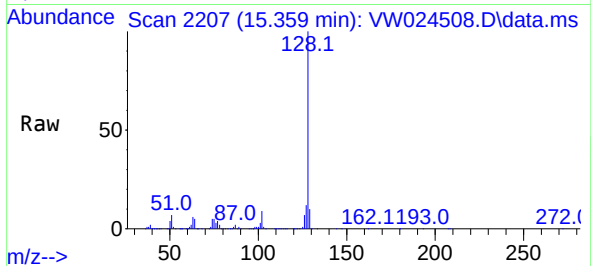




#71
Naphthalene
Concen: 29.849 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD025558

Tgt Ion:128 Resp: 396163
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.3 8.3 12.5



#72
1,2,3-Trichlorobenzene
Concen: 27.902 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024508.D
Acq: 31 Aug 2022 12:09

Tgt Ion:180 Resp: 159367
Ion Ratio Lower Upper
180 100
182 97.8 74.6 111.8
145 34.3 26.6 40.0

