

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101022\
 Data File : VW024798.D
 Acq On : 10 Oct 2022 10:50
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025590

Quant Time: Oct 11 01:57:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 07 03:04:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	532509	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	471552	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	237506	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	116538	20.917	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.680%
7) Chloroethane-d5	2.885	69	73022	22.554	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	4.025	63	285826	22.165	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.680%
21) 2-Butanone-d5	7.080	46	96605	48.228	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.460%
24) Chloroform-d	7.647	84	328735	23.092	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.360%
26) 1,2-Dichloroethane-d4	8.305	65	165488	22.409	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.640%
32) Benzene-d6	8.275	84	633485	21.018	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.080%
36) 1,2-Dichloropropane-d6	9.274	67	205140	22.276	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.120%
41) Toluene-d8	10.323	98	554629	20.589	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.360%
43) trans-1,3-Dichloroprop...	10.579	79	77922	19.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.000%
47) 2-Hexanone-d5	10.921	63	73985	46.957	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.920%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	160720	24.494	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.960%
66) 1,2-Dichlorobenzene-d4	13.847	152	181921	21.767	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	53496	16.363	ug/L	91
3) Chloromethane	2.221	50	130706	20.530	ug/L	99
5) Vinyl chloride	2.361	62	190384	29.084	ug/L	99
6) Bromomethane	2.776	94	88684	29.355	ug/L	99
8) Chloroethane	2.922	64	75471	27.347	ug/L	97
9) Trichlorofluoromethane	3.257	101	101829	27.806	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	192595	27.574	ug/L #	79
12) 1,1-Dichloroethene	4.044	96	184312	26.458	ug/L	91
13) Acetone	4.123	43	81843	56.001	ug/L	98
14) Carbon disulfide	4.385	76	556983	25.327	ug/L	100
15) Methyl Acetate	4.672	43	79519	24.573	ug/L	99
16) Methylene chloride	4.916	84	210385	20.117	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	198581	25.371	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	293398	23.641	ug/L	99
19) 1,1-Dichloroethane	6.220	63	373424	25.501	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	216727	25.806	ug/L	99
22) 2-Butanone	7.171	43	111589	47.737	ug/L	100
23) Bromochloromethane	7.513	128	86637	25.382	ug/L	97
25) Chloroform	7.677	83	358493	25.816	ug/L	97

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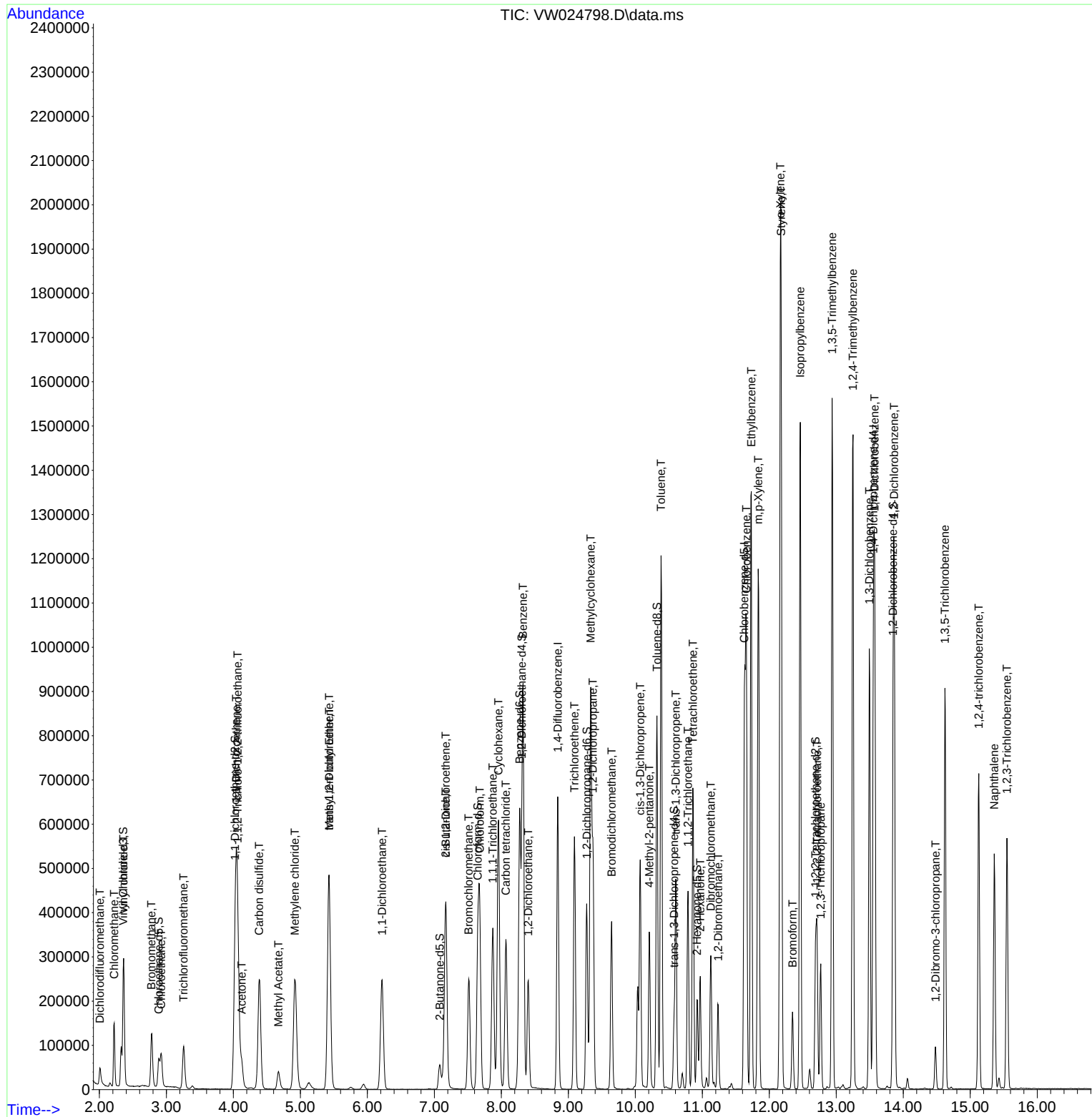
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	222506	25.465	ug/L	100
29) Cyclohexane	7.958	56	363438	24.745	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	294017	25.767	ug/L	99
31) Carbon tetrachloride	8.067	117	255436	26.435	ug/L	99
33) Benzene	8.323	78	842599	25.530	ug/L	100
34) Trichloroethene	9.092	95	211855	25.326	ug/L	97
35) Methylcyclohexane	9.335	83	384087	25.047	ug/L	99
37) 1,2-Dichloropropane	9.366	63	207654	25.486	ug/L	99
38) Bromodichloromethane	9.646	83	257302	25.672	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	309835	24.047	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	231176	47.934	ug/L	99
42) Toluene	10.384	91	880641	25.838	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	259607	23.501	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	142502	25.605	ug/L	98
46) Tetrachloroethene	10.860	164	147608	25.970	ug/L	93
48) 2-Hexanone	10.969	43	163784	50.222	ug/L	99
49) Dibromochloromethane	11.128	129	163016	26.012	ug/L	100
50) 1,2-Dibromoethane	11.238	107	133142	25.274	ug/L	100
51) Chlorobenzene	11.658	112	529990	25.397	ug/L	97
52) Ethylbenzene	11.731	91	984594	26.227	ug/L	99
53) m,p-Xylene	11.835	106	380576	25.961	ug/L	98
54) o-Xylene	12.164	106	363431	26.253	ug/L	91
55) Styrene	12.176	104	619957	26.565	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	166517	25.553	ug/L	100
59) Bromoform	12.347	173	77092	22.963	ug/L	99
60) Isopropylbenzene	12.463	105	978890	25.288	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	120411	23.536	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	843704	25.077	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	822399	24.951	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	381452	24.256	ug/L	91
65) 1,4-Dichlorobenzene	13.573	146	392263	25.623	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	349005	25.479	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	25698	21.241	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	256799	24.593	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	207171	23.617	ug/L	98
71) Naphthalene	15.359	128	439049	22.987	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	175725	23.537	ug/L	97

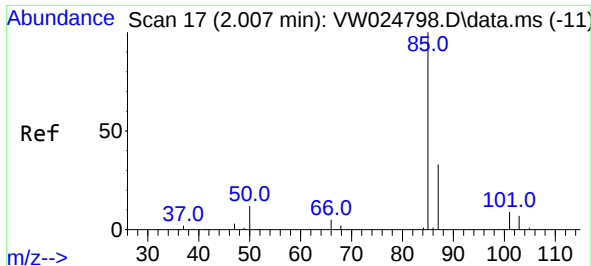
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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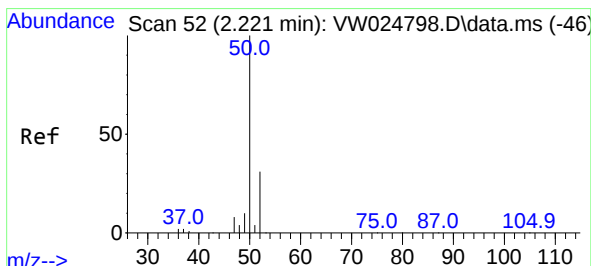
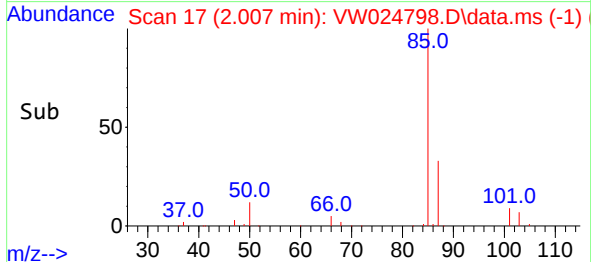
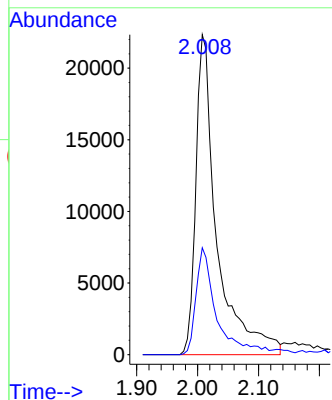
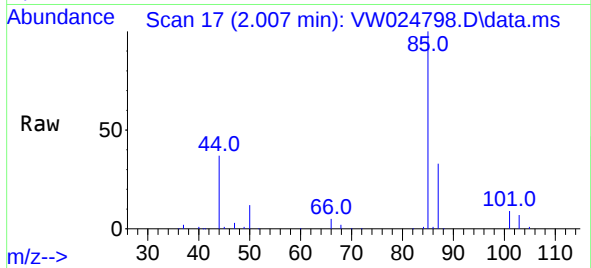




#2
 Dichlorodifluoromethane
 Concen: 16.363 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW024798.D
 Acq: 10 Oct 2022 10:50

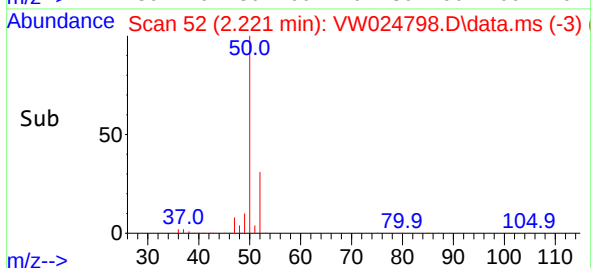
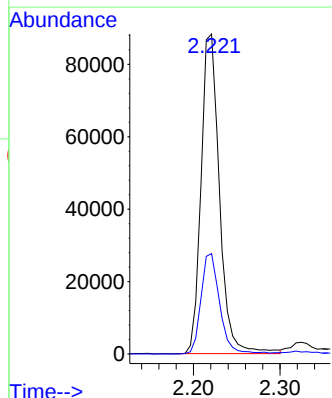
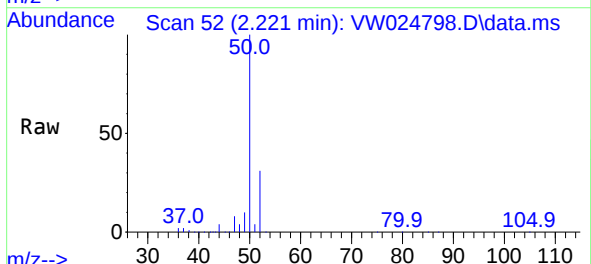
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 ClientSampleId :
 VSTD025590

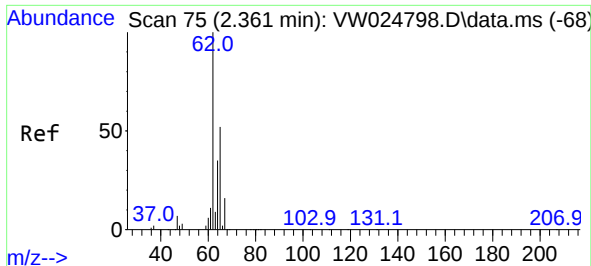
Tgt Ion: 85 Resp: 53496
 Ion Ratio Lower Upper
 85 100
 87 30.9 28.8 43.2



#3
 Chloromethane
 Concen: 20.530 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW024798.D
 Acq: 10 Oct 2022 10:50

Tgt Ion: 50 Resp: 130706
 Ion Ratio Lower Upper
 50 100
 52 31.4 21.7 40.3

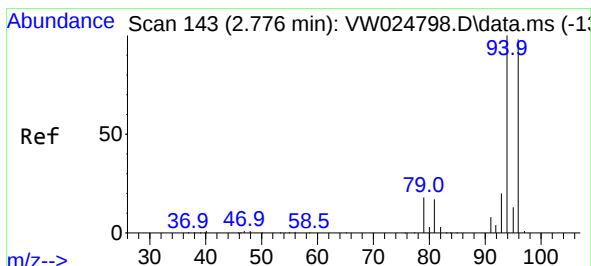
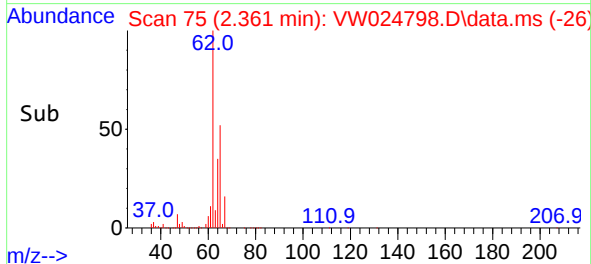
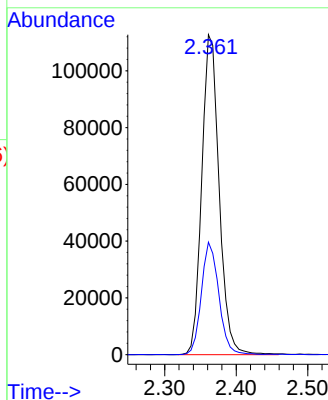
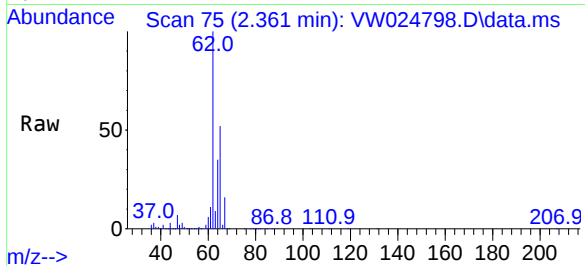




#5
 Vinyl chloride
 Concen: 29.084 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW024798.D
 Acq: 10 Oct 2022 10:50

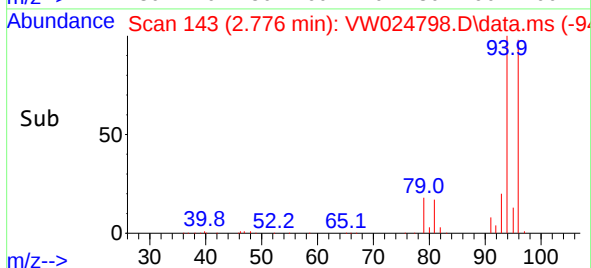
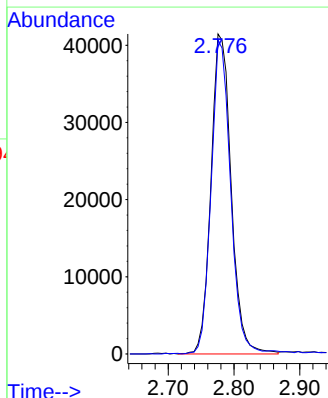
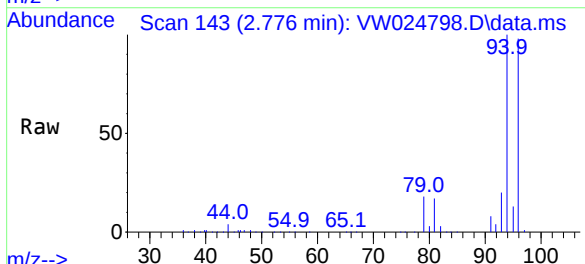
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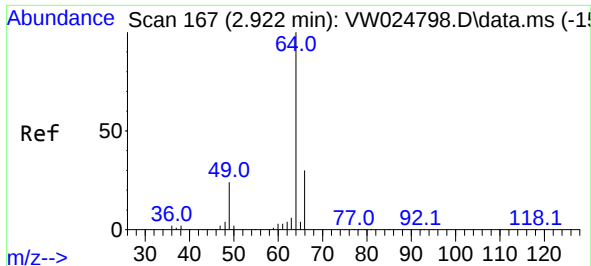
Tgt Ion: 62 Resp: 190384
 Ion Ratio Lower Upper
 62 100
 64 35.1 24.4 45.2



#6
 Bromomethane
 Concen: 29.355 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW024798.D
 Acq: 10 Oct 2022 10:50

Tgt Ion: 94 Resp: 88684
 Ion Ratio Lower Upper
 94 100
 96 98.0 68.0 126.2

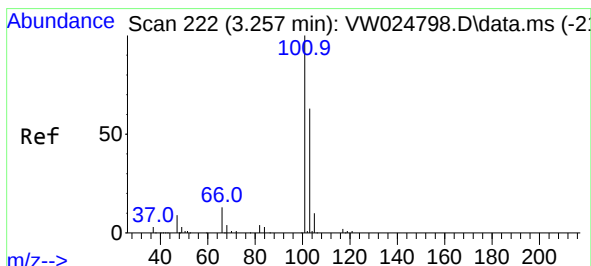
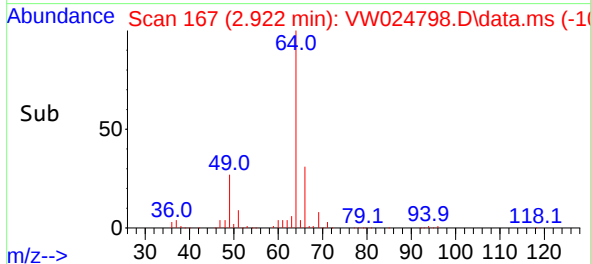
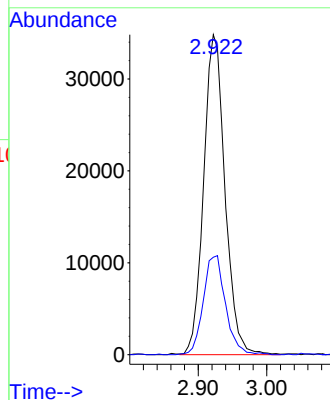
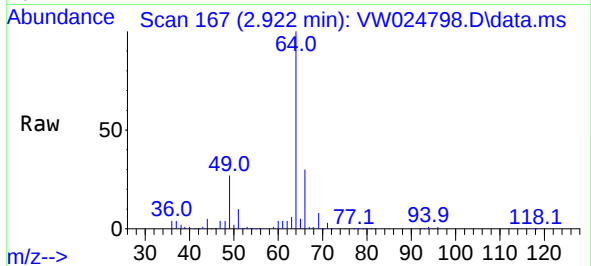




#8
Chloroethane
Concen: 27.347 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

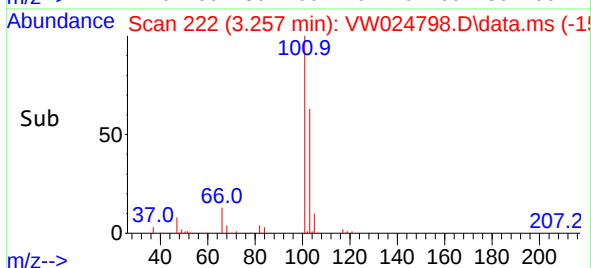
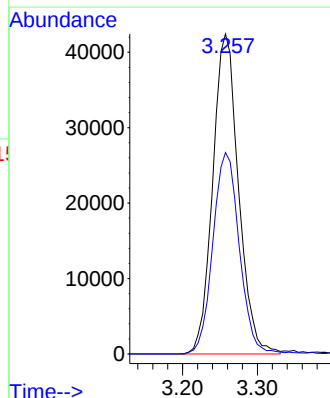
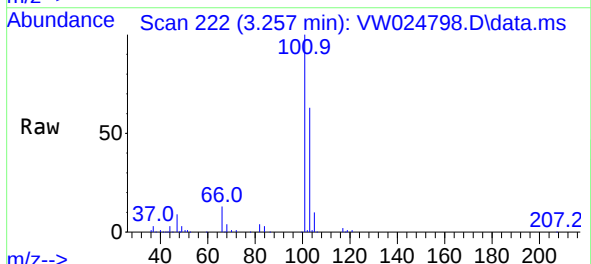
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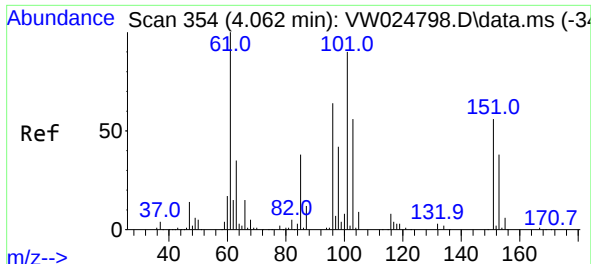
Tgt Ion: 64 Resp: 75471
Ion Ratio Lower Upper
64 100
66 30.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 27.806 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Tgt Ion: 101 Resp: 101829
Ion Ratio Lower Upper
101 100
103 64.4 53.4 80.2

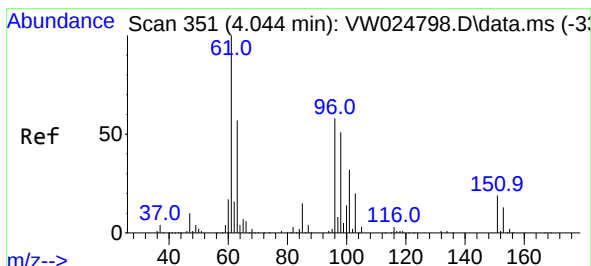
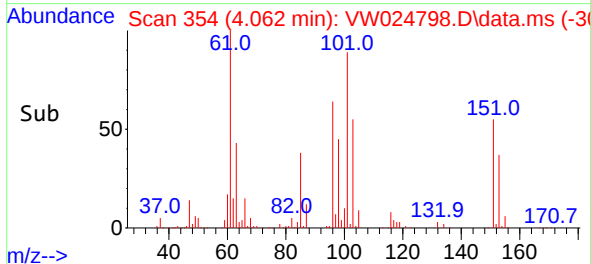
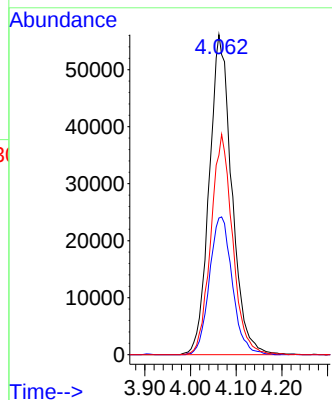
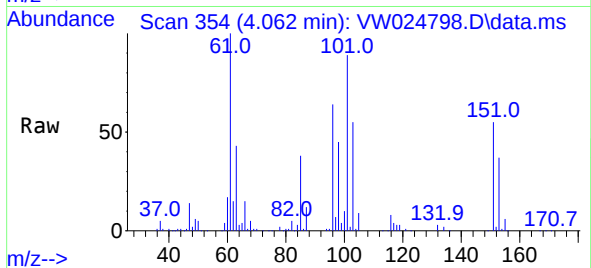




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.574 ug/L
RT: 4.062 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW024798.D
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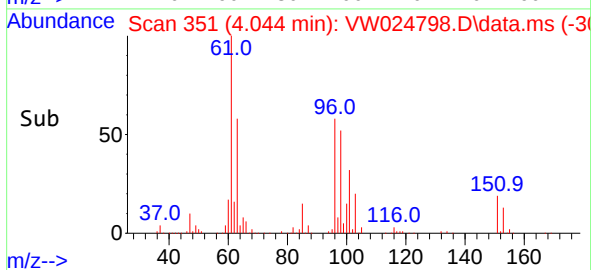
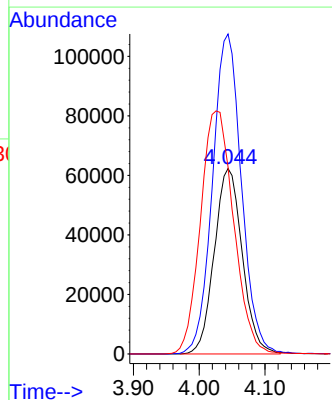
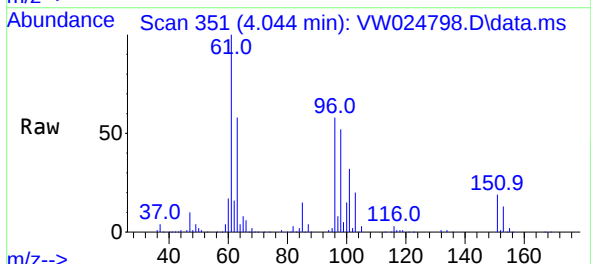
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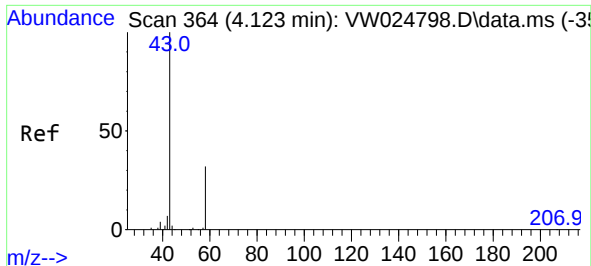
Tgt Ion:101 Resp: 192595
Ion Ratio Lower Upper
101 100
85 43.6 34.9 52.3
151 66.3 30.9 46.3#



#12
1,1-Dichloroethene
Concen: 26.458 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Tgt Ion: 96 Resp: 184312
Ion Ratio Lower Upper
96 100
61 172.5 124.5 231.1
63 100.8 84.1 156.1

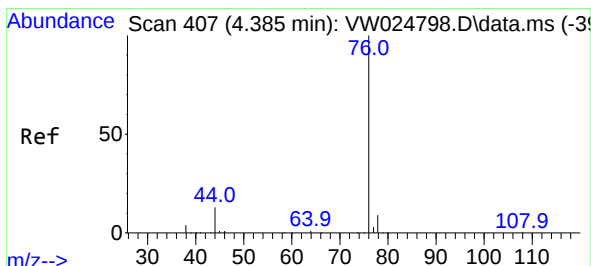
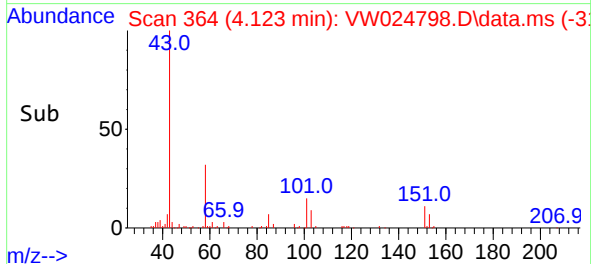
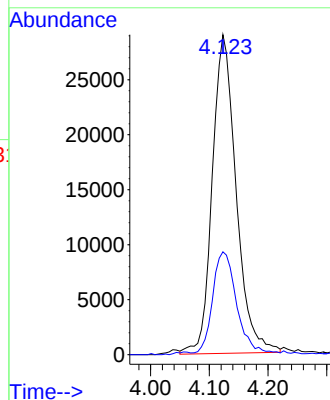
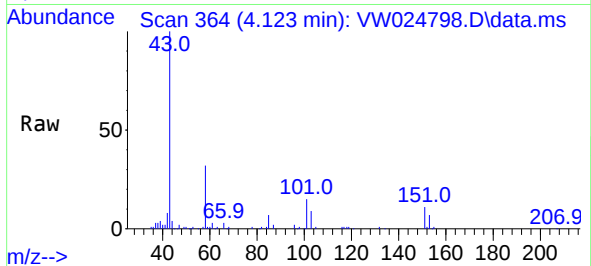




#13
Acetone
Concen: 56.001 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
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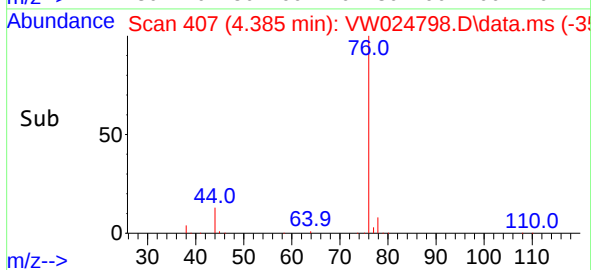
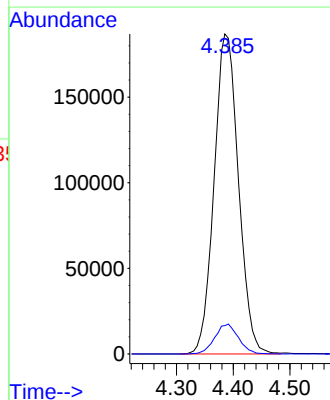
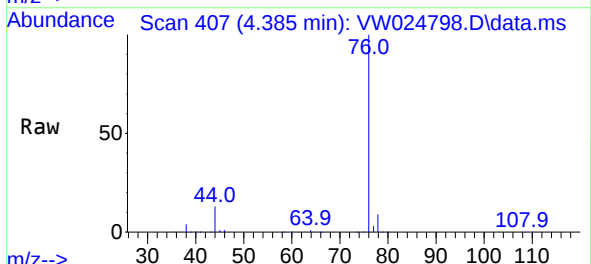
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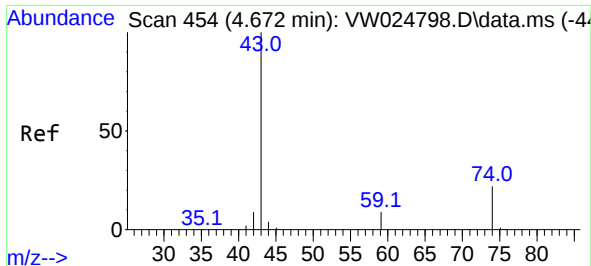
Tgt Ion: 43 Resp: 81843
Ion Ratio Lower Upper
43 100
58 32.9 0.0 67.6



#14
Carbon disulfide
Concen: 25.327 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 556983
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

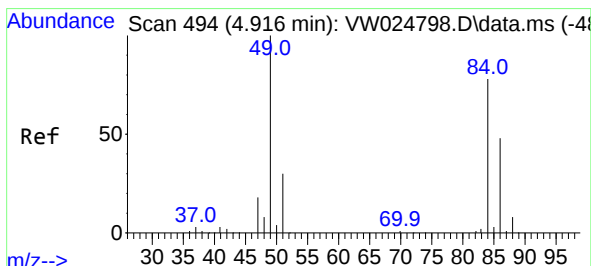
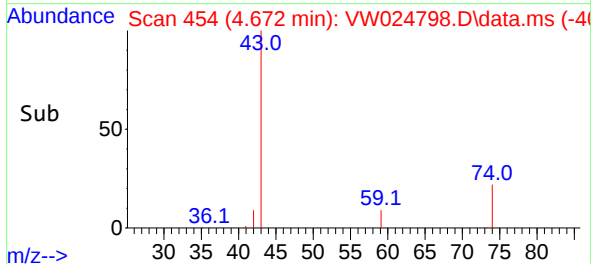
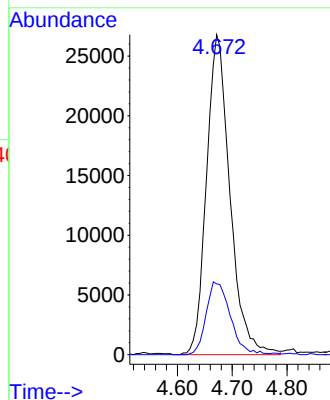
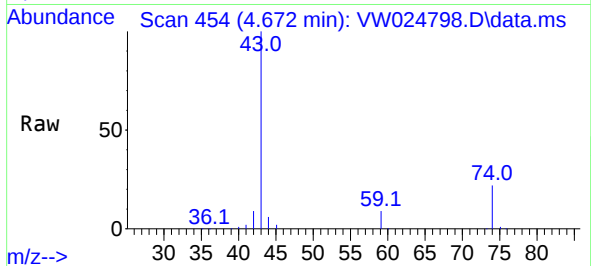




#15
Methyl Acetate
Concen: 24.573 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

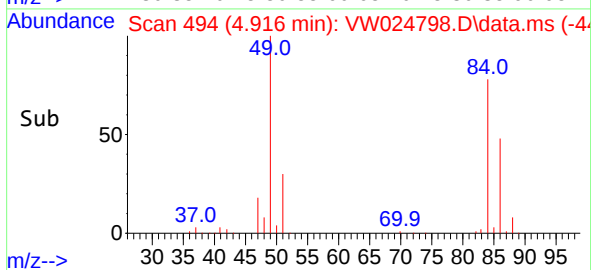
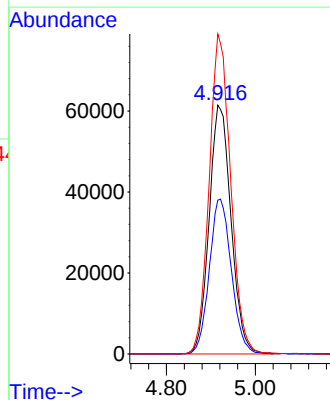
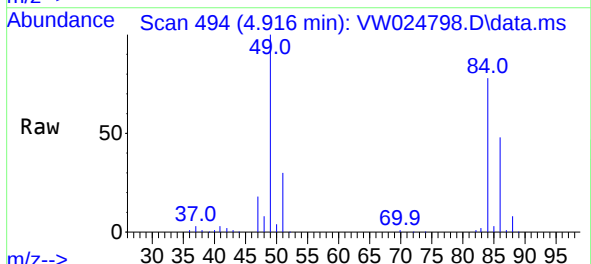
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

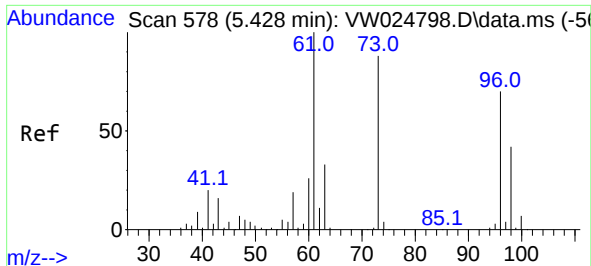
Tgt Ion: 43 Resp: 79519
Ion Ratio Lower Upper
43 100
74 23.3 18.1 27.1



#16
Methylene chloride
Concen: 20.117 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Tgt Ion: 84 Resp: 210385
Ion Ratio Lower Upper
84 100
86 61.8 44.0 81.8
49 128.6 87.4 162.2

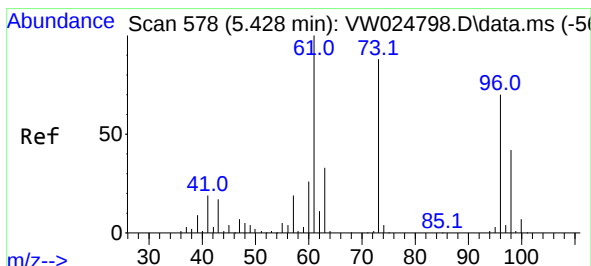
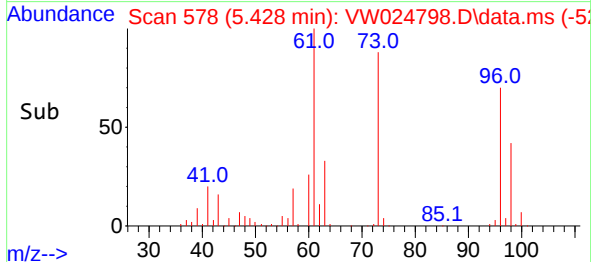
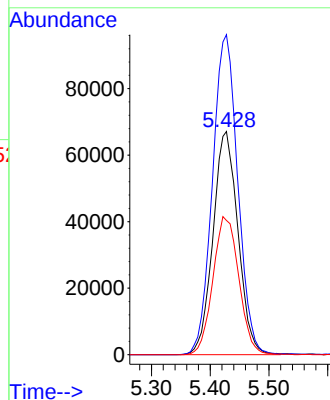
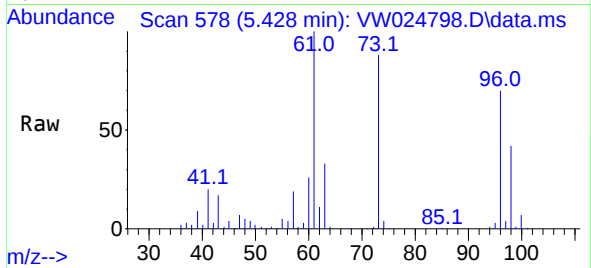




#17
trans-1,2-Dichloroethene
Concen: 25.371 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

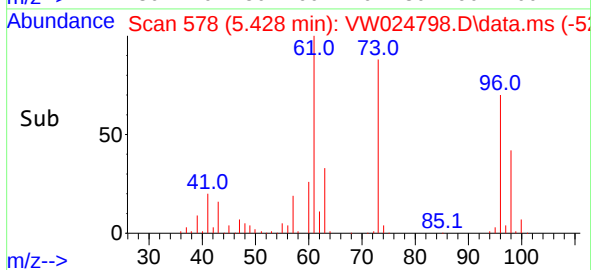
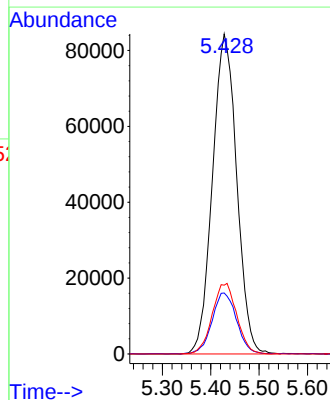
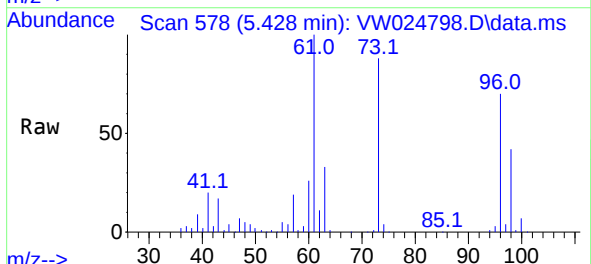
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

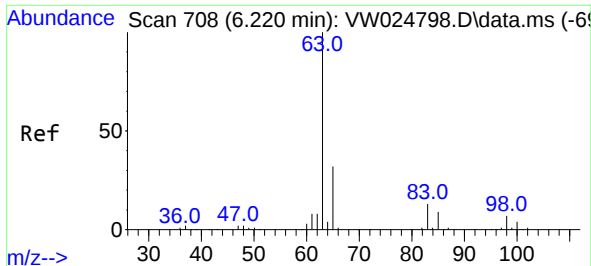
Tgt Ion: 96 Resp: 198581
Ion Ratio Lower Upper
96 100
61 143.3 106.3 197.5
98 60.2 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 23.641 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Tgt Ion: 73 Resp: 293398
Ion Ratio Lower Upper
73 100
43 19.4 15.6 23.4
57 22.4 18.3 27.5

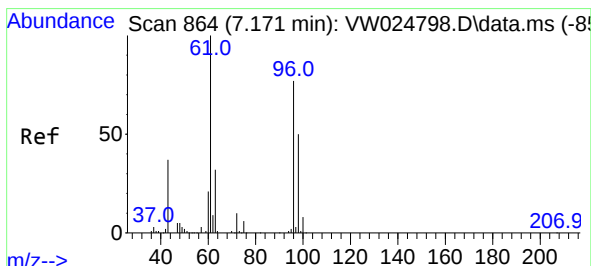
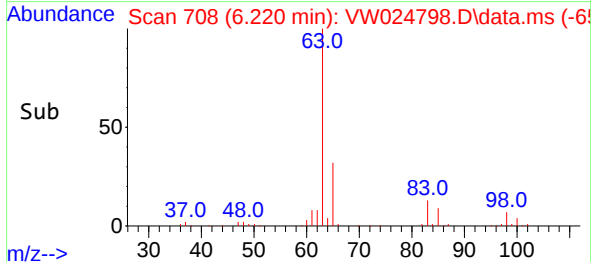
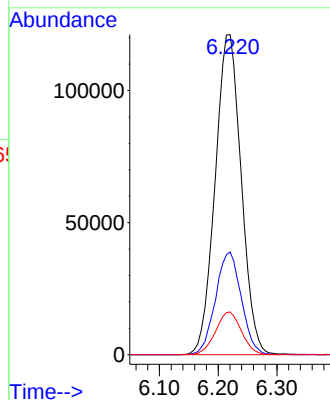
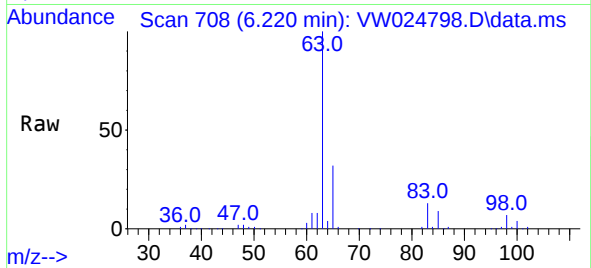




#19
1,1-Dichloroethane
Concen: 25.501 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

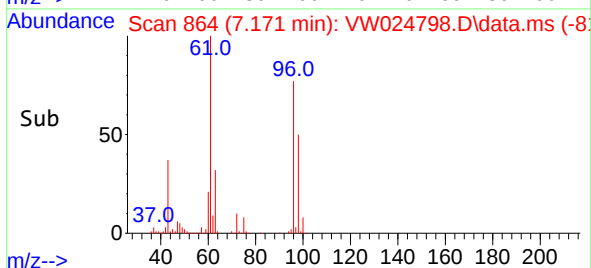
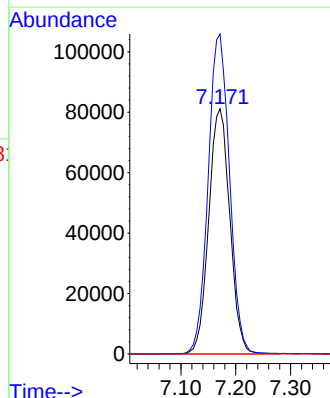
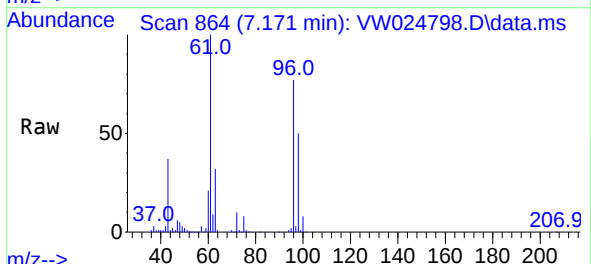
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

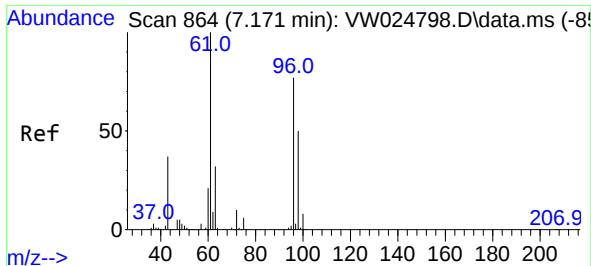
Tgt Ion: 63 Resp: 373424
Ion Ratio Lower Upper
63 100
65 32.1 23.7 43.9
83 13.4 9.4 17.6



#20
cis-1,2-Dichloroethene
Concen: 25.806 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Tgt Ion: 96 Resp: 216727
Ion Ratio Lower Upper
96 100
61 130.5 90.2 167.4
68 0.0 0.0 0.0

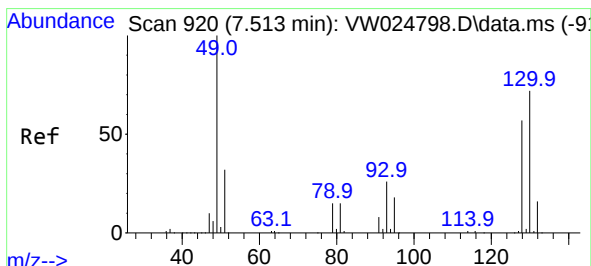
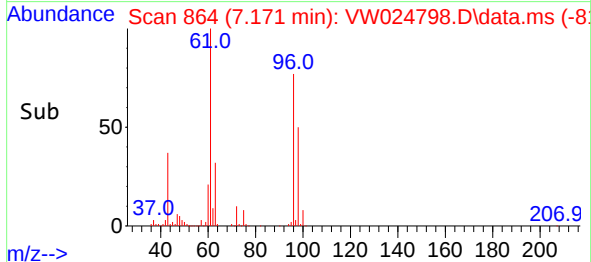
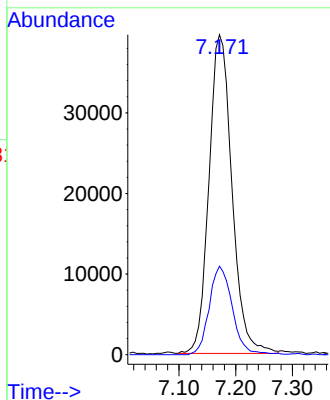
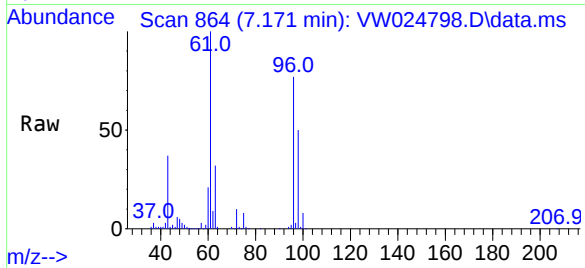




#22
2-Butanone
Concen: 47.737 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

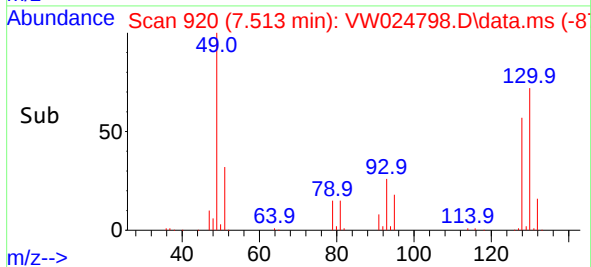
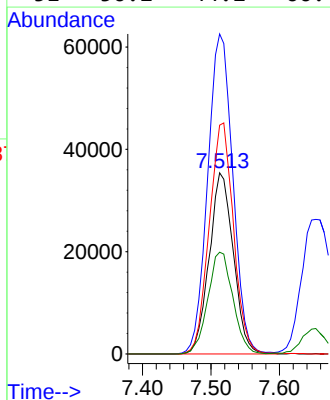
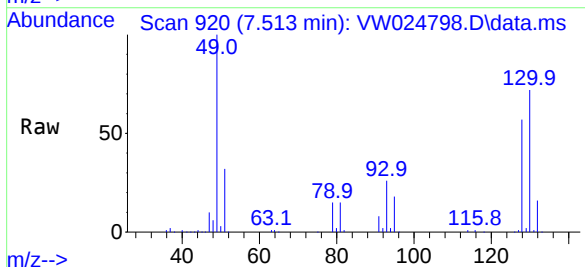
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

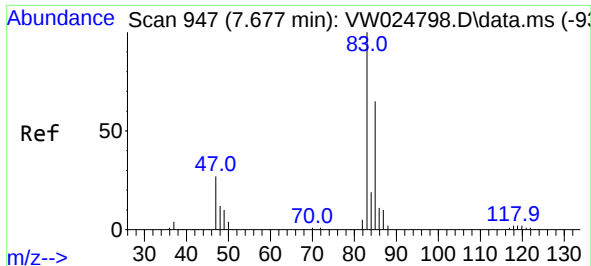
Tgt Ion: 43 Resp: 111589
Ion Ratio Lower Upper
43 100
72 27.6 13.8 41.3



#23
Bromochloromethane
Concen: 25.382 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Tgt Ion: 128 Resp: 86637
Ion Ratio Lower Upper
128 100
49 176.7 127.3 236.3
130 126.4 90.2 167.4
51 56.2 44.2 66.4

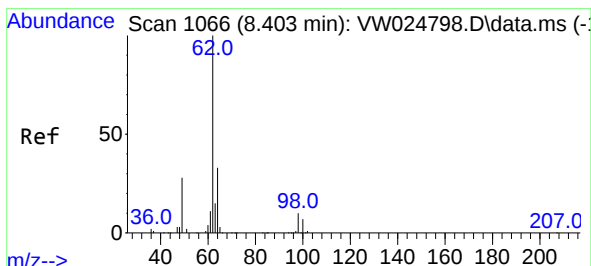
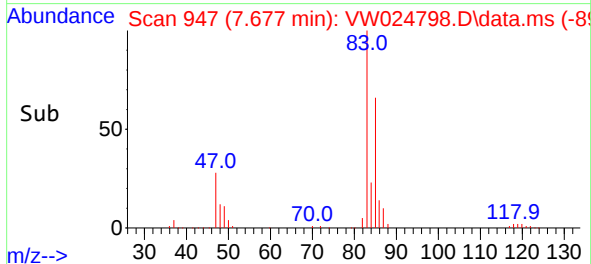
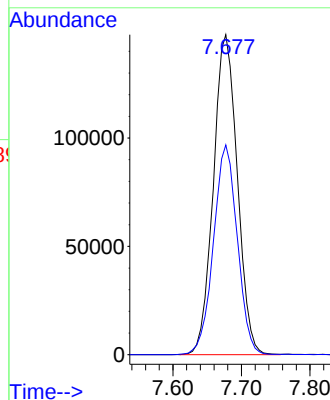
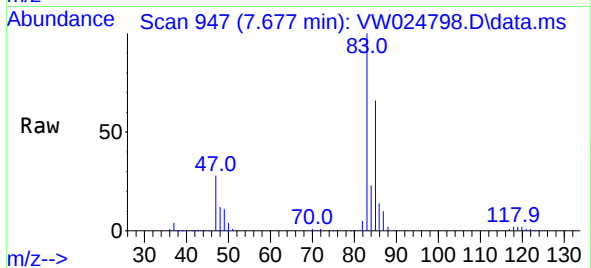




#25
Chloroform
Concen: 25.816 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

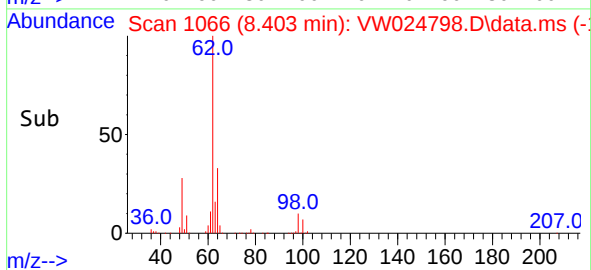
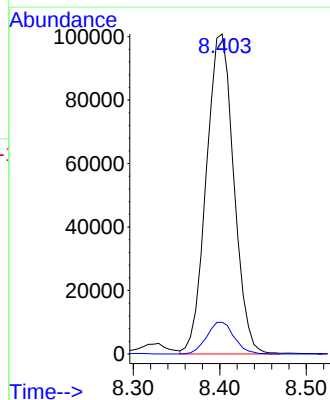
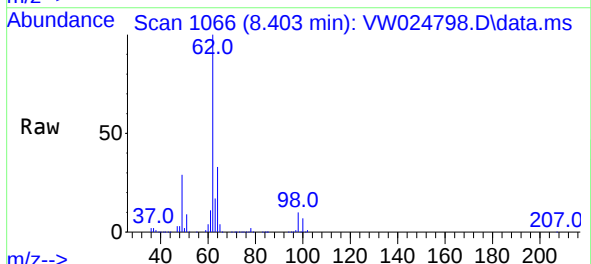
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

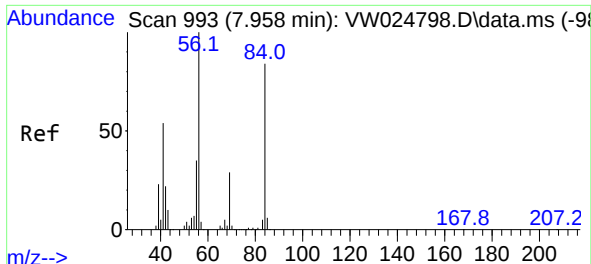
Tgt Ion: 83 Resp: 358493
Ion Ratio Lower Upper
83 100
85 65.6 44.0 81.8



#27
1,2-Dichloroethane
Concen: 25.465 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Tgt Ion: 62 Resp: 222506
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.8





#29

Cyclohexane

Concen: 24.745 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.006 min

Lab File: VW024798.D

Acq: 10 Oct 2022 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

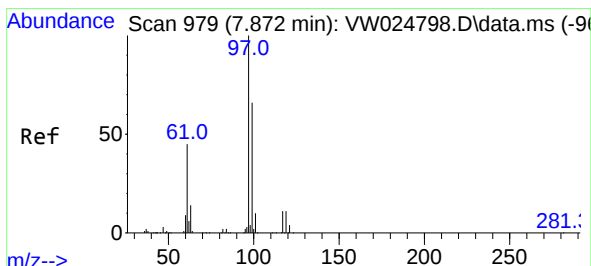
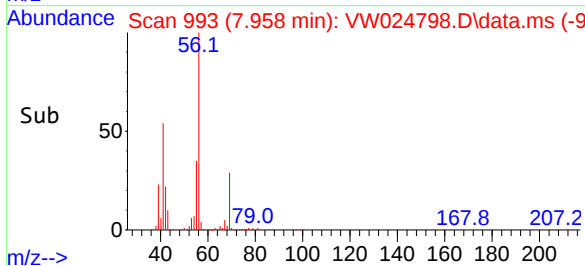
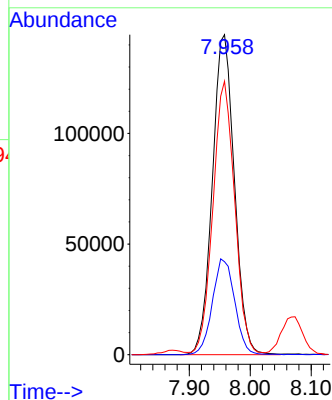
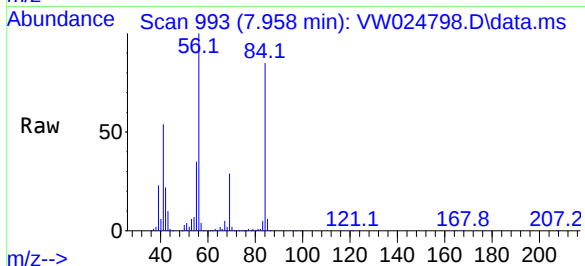
Tgt Ion: 56 Resp: 363438

Ion Ratio Lower Upper

56 100

69 30.3 25.0 37.4

84 84.8 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 25.767 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW024798.D

Acq: 10 Oct 2022 10:50

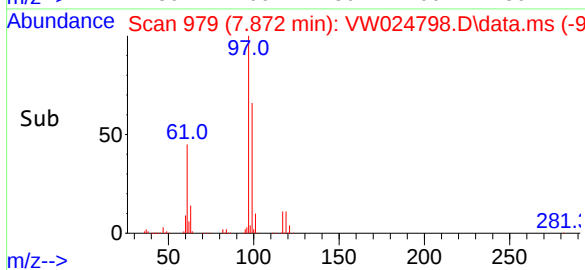
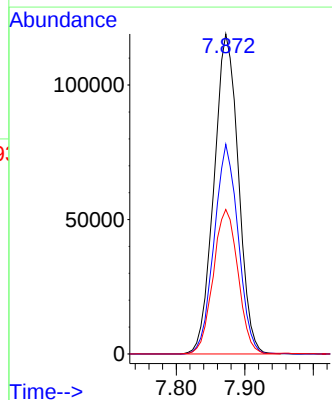
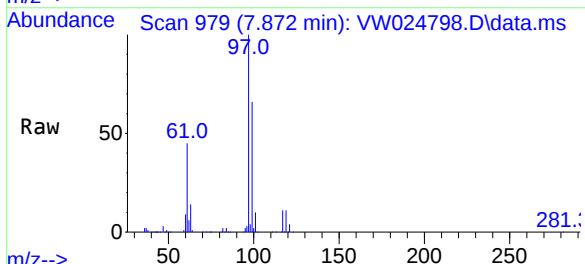
Tgt Ion: 97 Resp: 294017

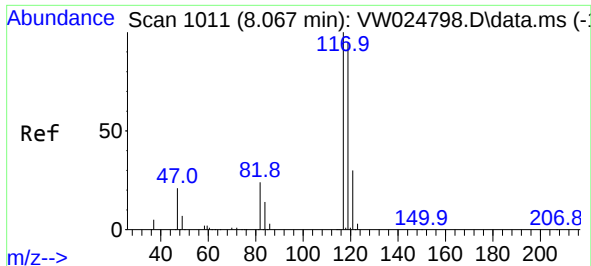
Ion Ratio Lower Upper

97 100

99 64.6 51.1 76.7

61 45.9 35.8 53.6

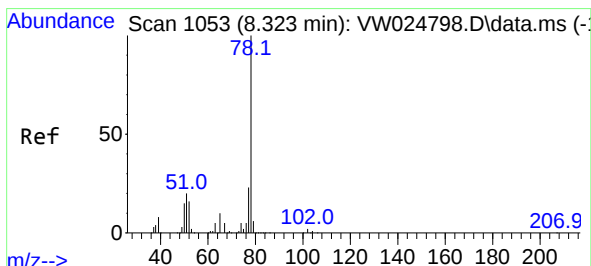
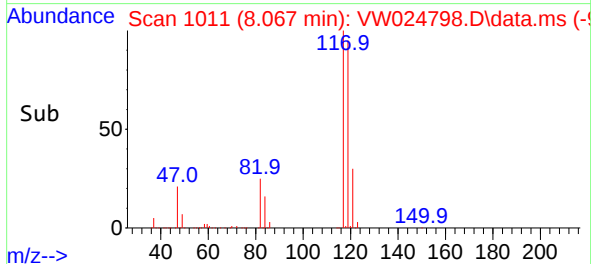
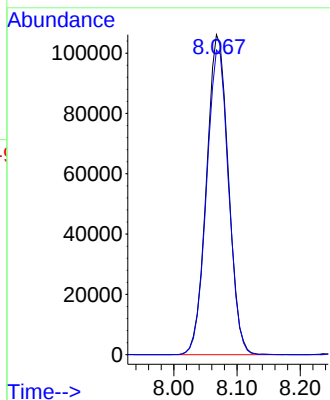
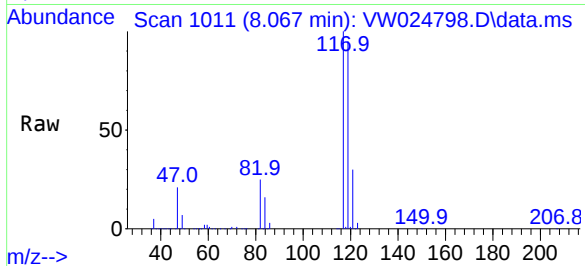




#31
Carbon tetrachloride
Concen: 26.435 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

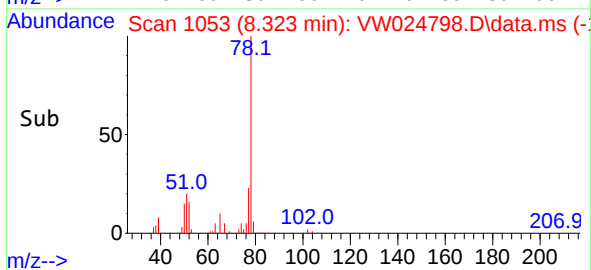
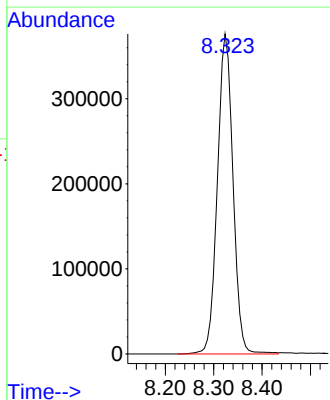
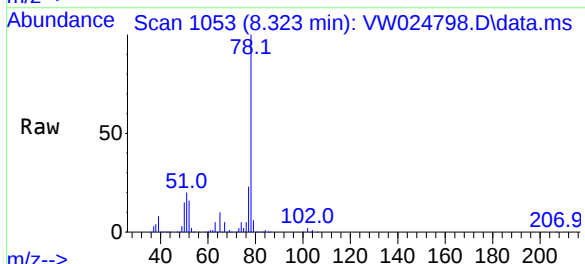
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

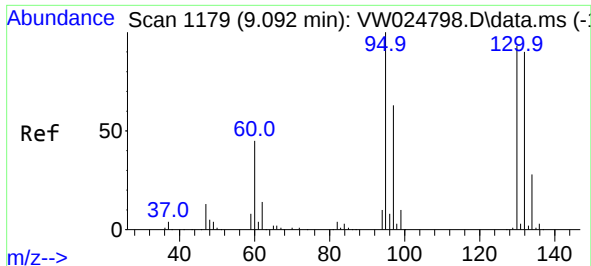
Tgt Ion:117 Resp: 255436
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.2



#33
Benzene
Concen: 25.530 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Tgt Ion: 78 Resp: 842599

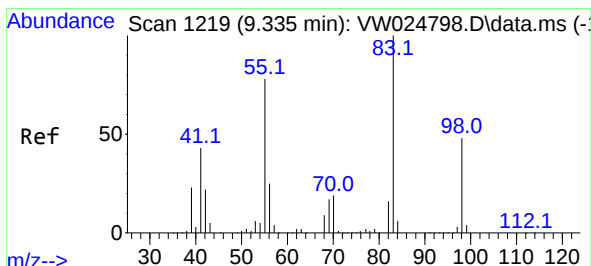
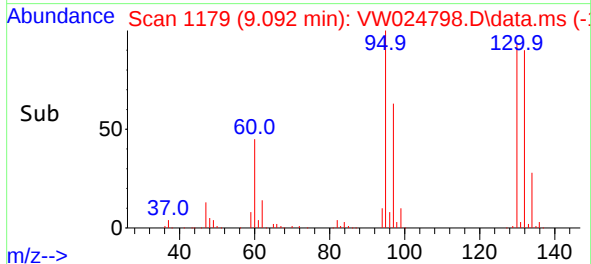
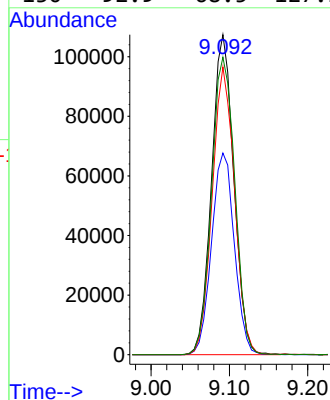
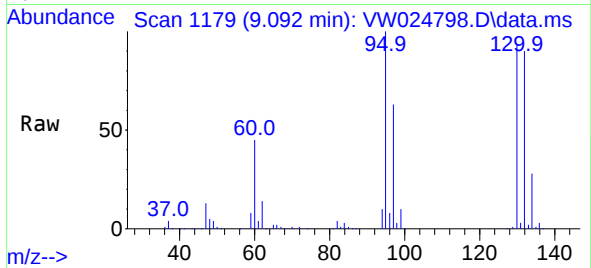




#34
Trichloroethene
Concen: 25.326 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

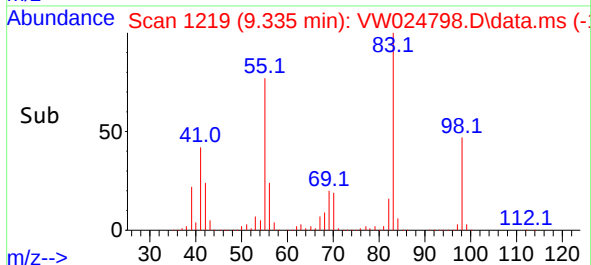
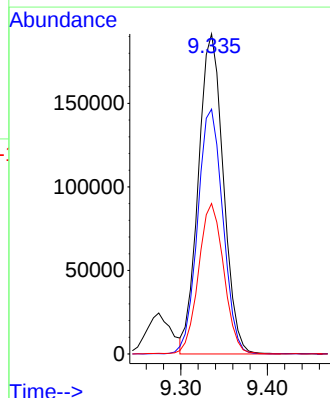
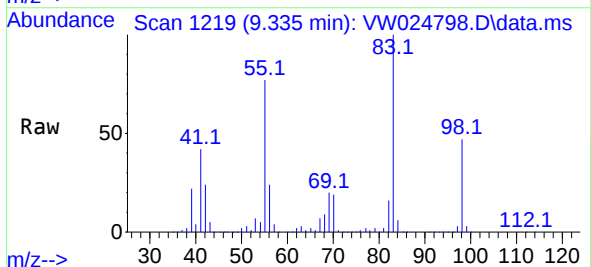
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

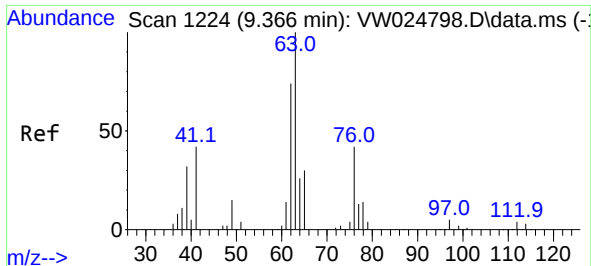
Tgt Ion: 95 Resp: 211855
Ion Ratio Lower Upper
95 100
97 63.0 43.5 80.9
132 89.9 61.2 113.8
130 92.9 68.5 127.1



#35
Methylcyclohexane
Concen: 25.047 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Tgt Ion: 83 Resp: 384087
Ion Ratio Lower Upper
83 100
55 77.3 63.1 94.7
98 47.5 38.3 57.5





#37

1,2-Dichloropropane

Concen: 25.486 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024798.D

Acq: 10 Oct 2022 10:50

Instrument :

MSVOA_W

ClientSampleId :

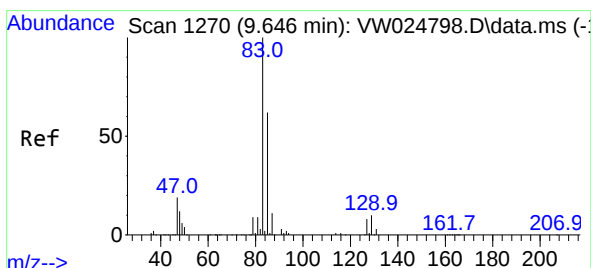
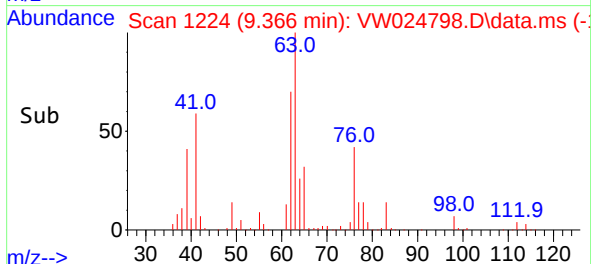
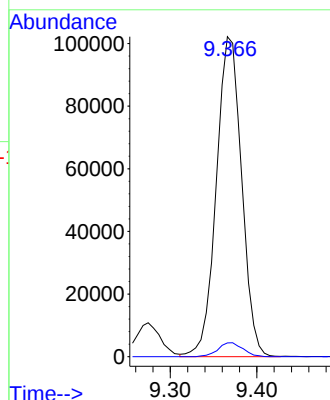
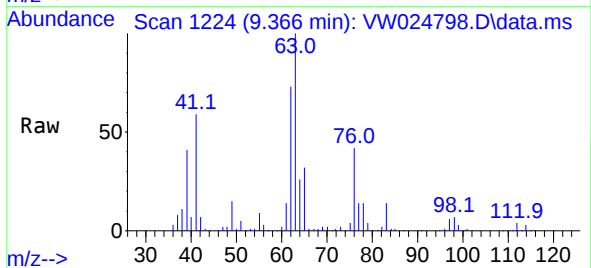
VSTD025590

Tgt Ion: 63 Resp: 207654

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 25.672 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW024798.D

Acq: 10 Oct 2022 10:50

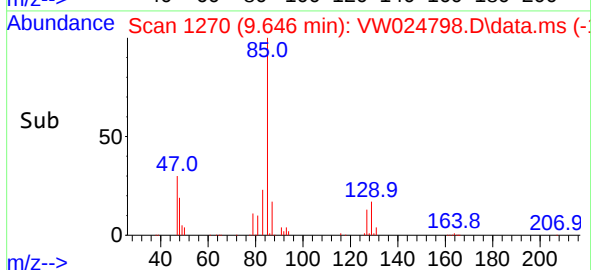
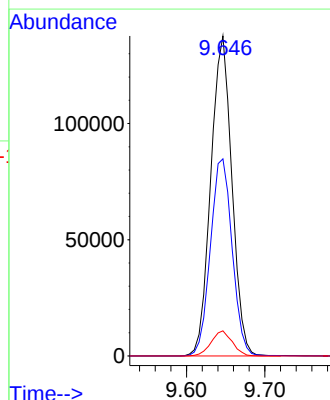
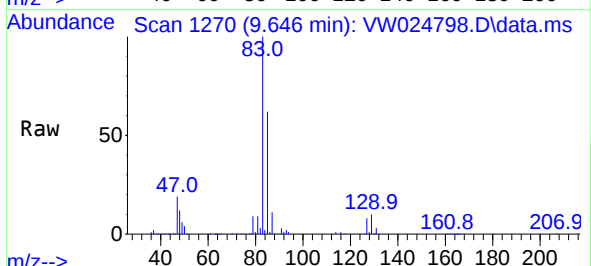
Tgt Ion: 83 Resp: 257302

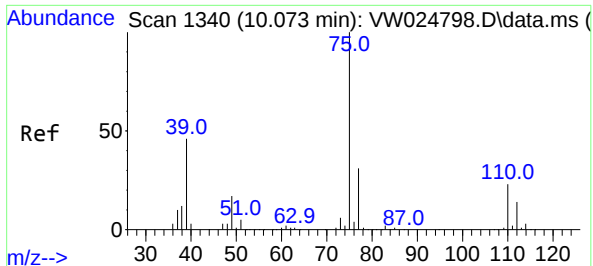
Ion Ratio Lower Upper

83 100

85 61.6 45.6 84.8

127 7.8 6.4 9.6

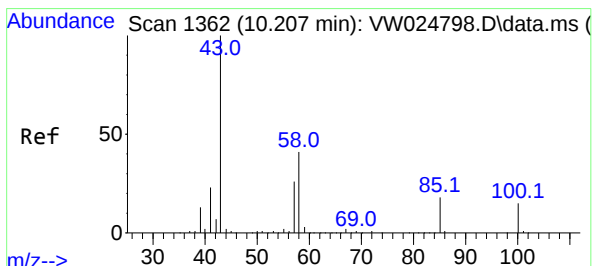
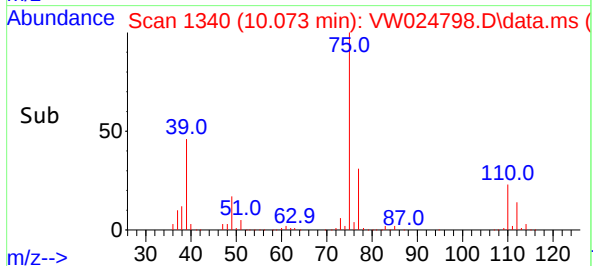
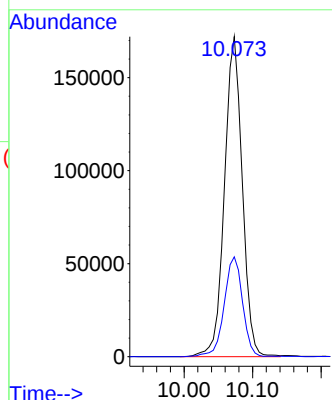
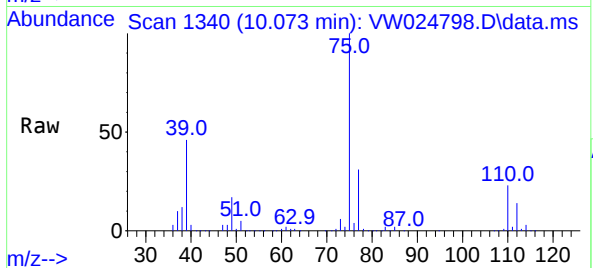




#39
 cis-1,3-Dichloropropene
 Concen: 24.047 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW024798.D
 Acq: 10 Oct 2022 10:50

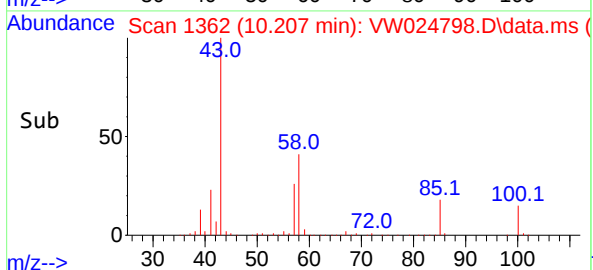
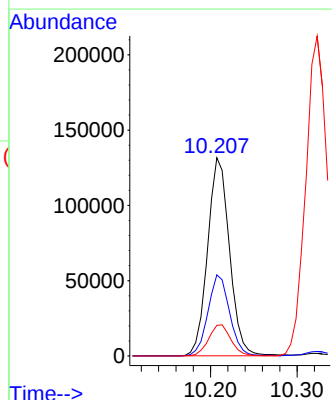
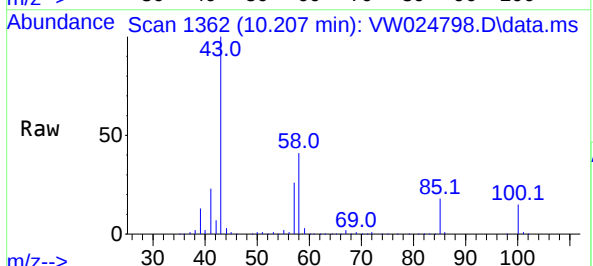
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025590

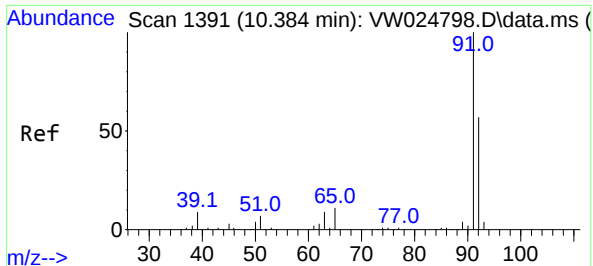
Tgt Ion: 75 Resp: 309835
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 47.934 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW024798.D
 Acq: 10 Oct 2022 10:50

Tgt Ion: 43 Resp: 231176
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.9 49.3
 100 16.1 12.6 19.0





#42

Toluene

Concen: 25.838 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024798.D

Acq: 10 Oct 2022 10:50

Instrument :

MSVOA_W

ClientSampleId :

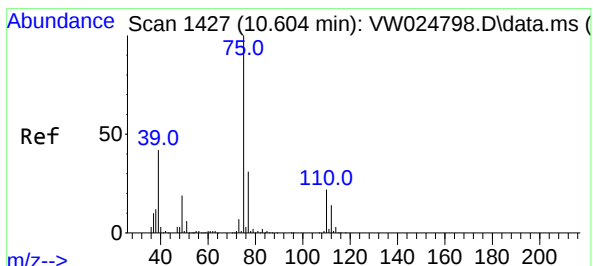
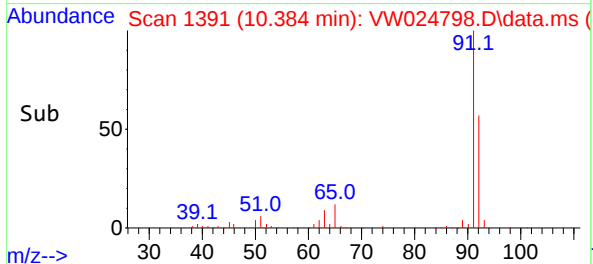
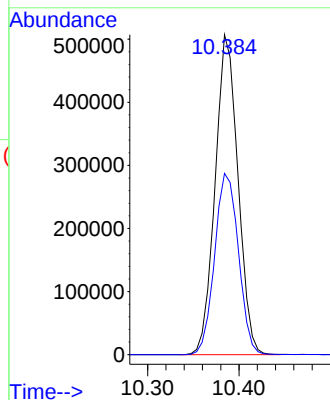
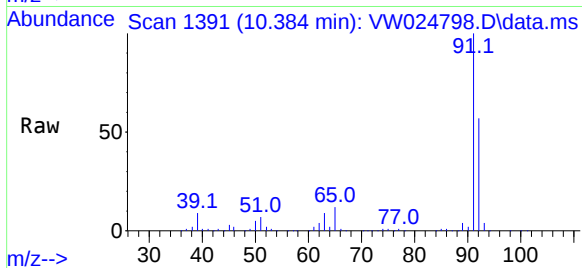
VSTD025590

Tgt Ion: 91 Resp: 880641

Ion Ratio Lower Upper

91 100

92 56.7 41.0 76.2



#44

trans-1,3-Dichloropropene

Concen: 23.501 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW024798.D

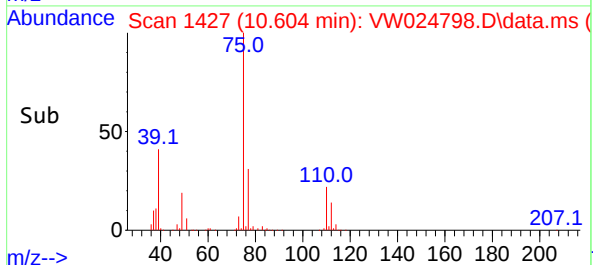
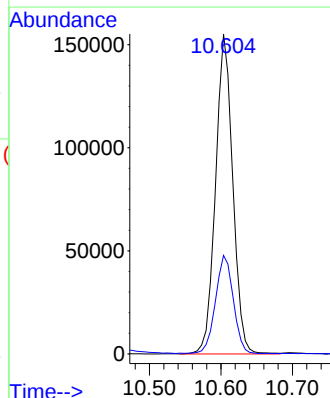
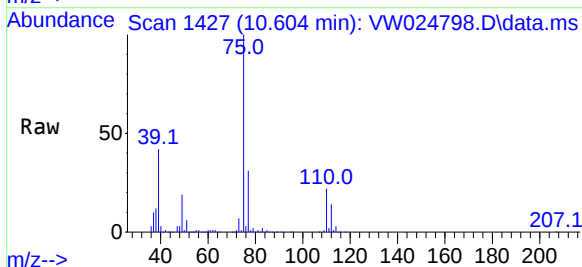
Acq: 10 Oct 2022 10:50

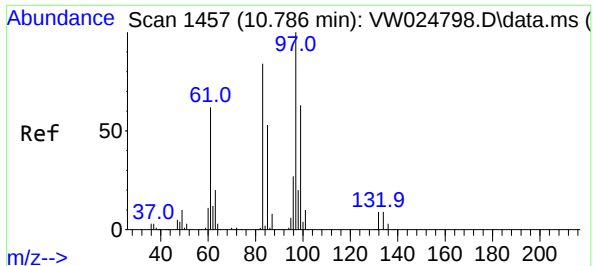
Tgt Ion: 75 Resp: 259607

Ion Ratio Lower Upper

75 100

77 30.8 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 25.605 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW024798.D

Acq: 10 Oct 2022 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

Tgt Ion: 97 Resp: 142502

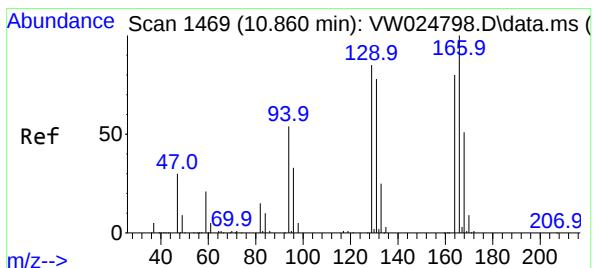
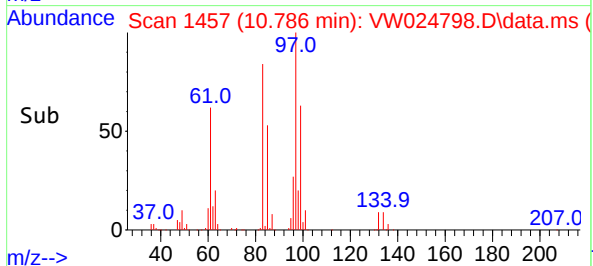
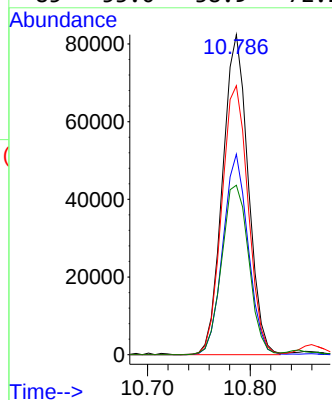
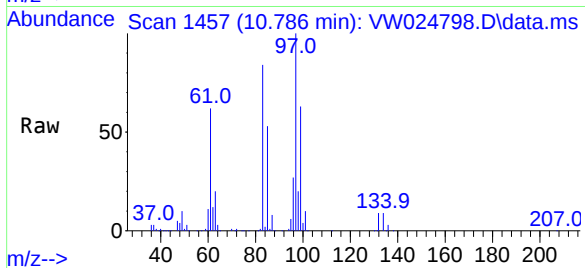
Ion Ratio Lower Upper

97 100

99 62.6 43.8 81.4

83 84.1 60.1 111.5

85 53.0 38.9 72.2



#46

Tetrachloroethene

Concen: 25.970 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024798.D

Acq: 10 Oct 2022 10:50

Tgt Ion:164 Resp: 147608

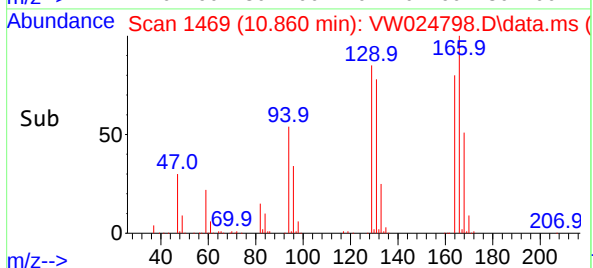
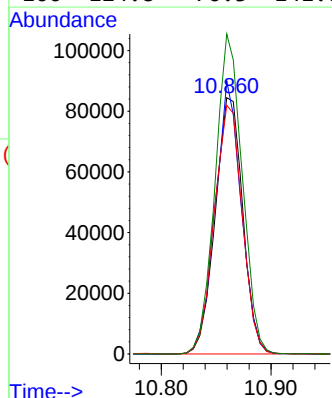
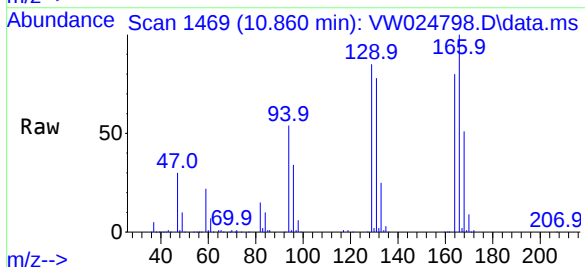
Ion Ratio Lower Upper

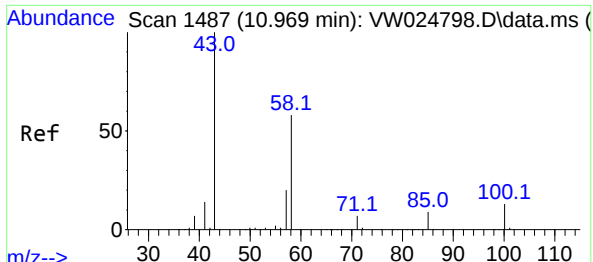
164 100

129 106.4 74.1 137.5

131 97.0 71.5 132.7

166 124.8 76.3 141.7



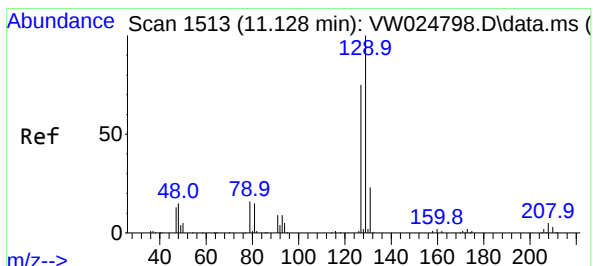
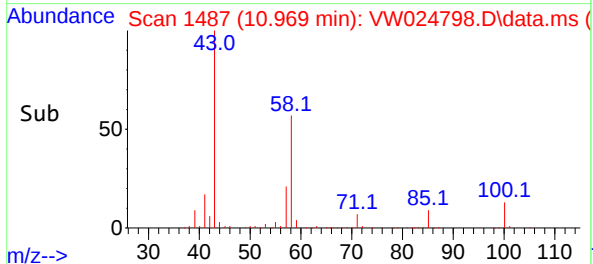
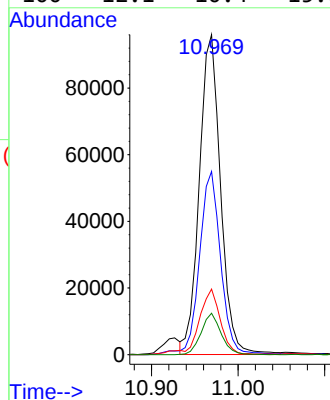
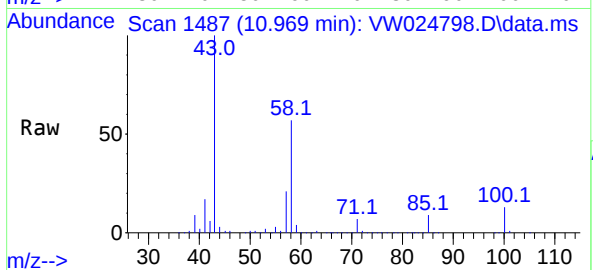


#48
2-Hexanone
Concen: 50.222 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

Tgt Ion: 43 Resp: 163784

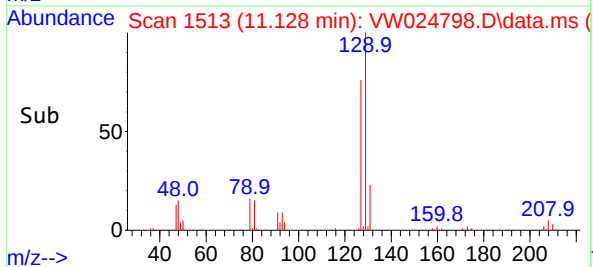
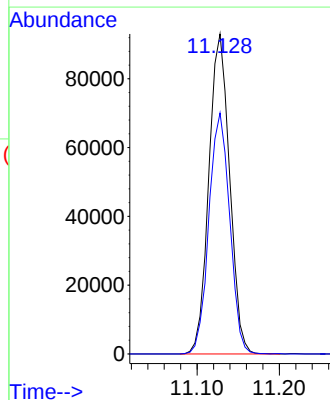
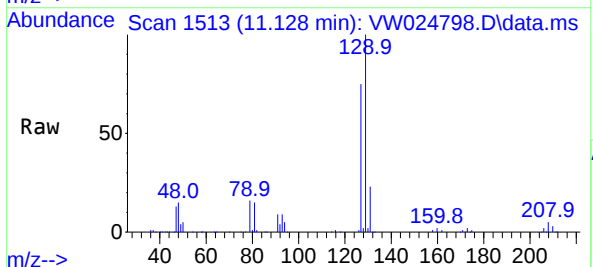
Ion	Ratio	Lower	Upper
43	100		
58	56.4	45.3	67.9
57	19.4	16.3	24.5
100	12.1	10.4	15.6

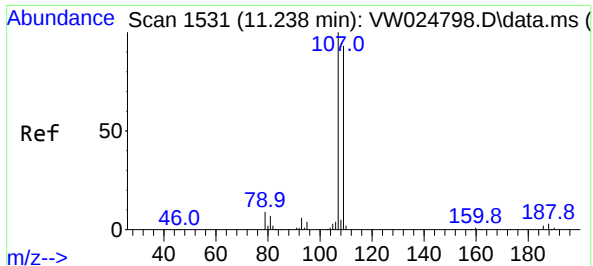


#49
Dibromochloromethane
Concen: 26.012 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Tgt Ion: 129 Resp: 163016

Ion	Ratio	Lower	Upper
129	100		
127	75.3	52.4	97.4





#50

1,2-Dibromoethane

Concen: 25.274 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024798.D

Acq: 10 Oct 2022 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

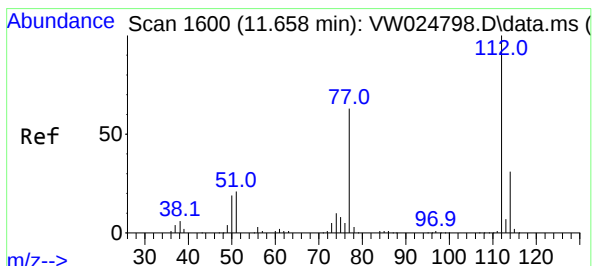
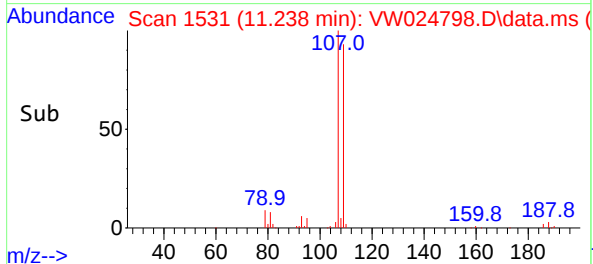
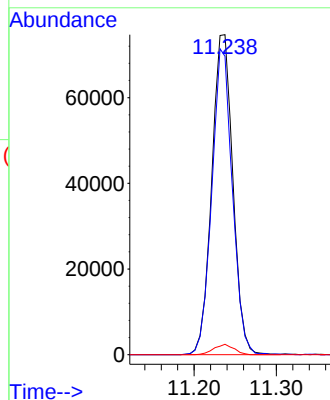
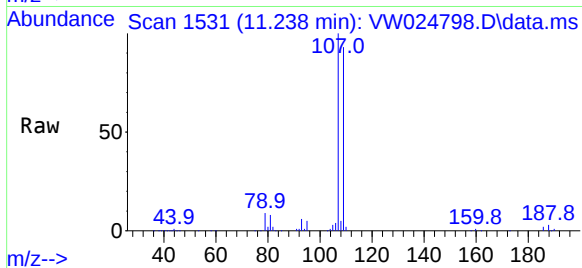
Tgt Ion:107 Resp: 133142

Ion Ratio Lower Upper

107 100

109 93.3 65.5 121.7

188 3.2 2.4 3.6



#51

Chlorobenzene

Concen: 25.397 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW024798.D

Acq: 10 Oct 2022 10:50

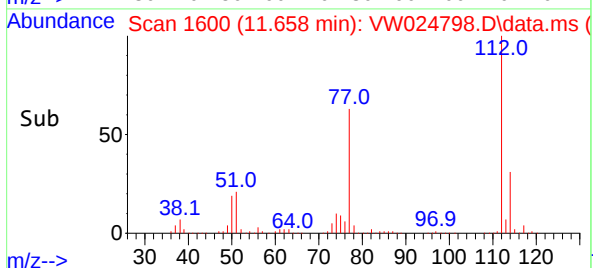
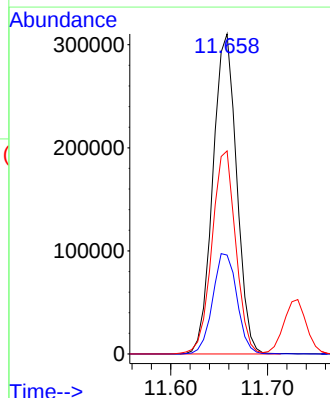
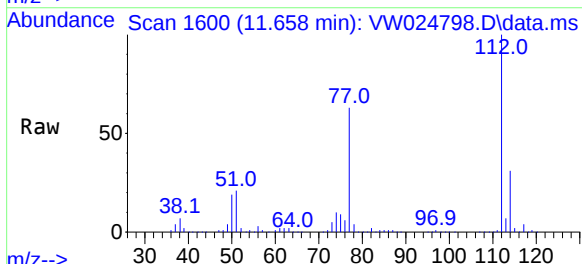
Tgt Ion:112 Resp: 529990

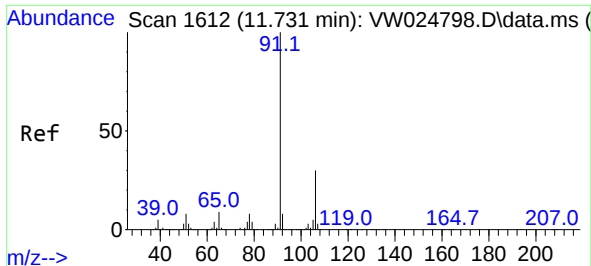
Ion Ratio Lower Upper

112 100

114 30.9 23.3 43.3

77 63.5 49.1 73.7

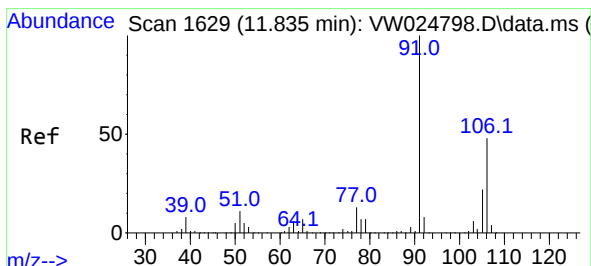
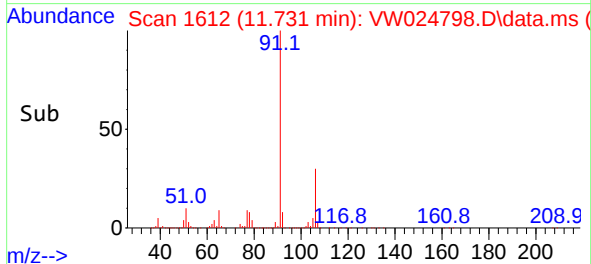
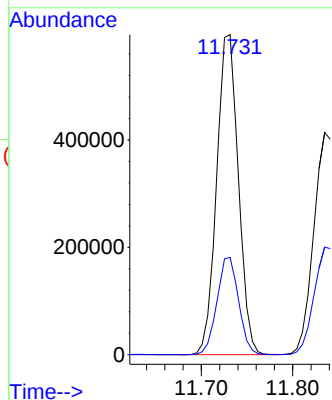
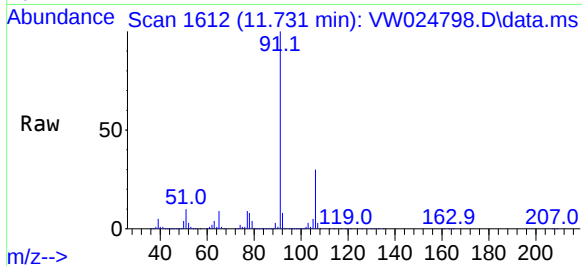




#52
Ethylbenzene
Concen: 26.227 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

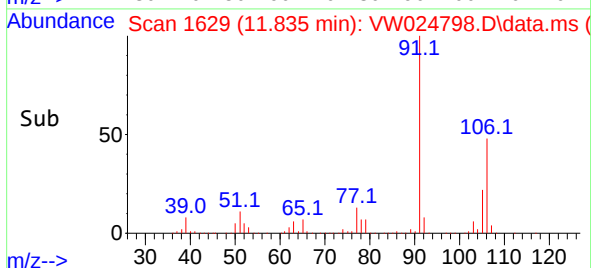
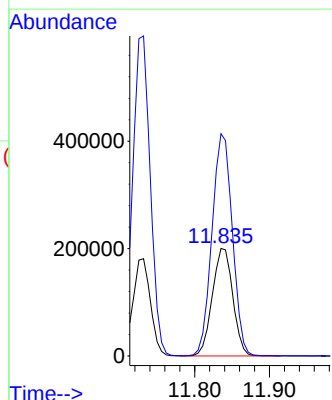
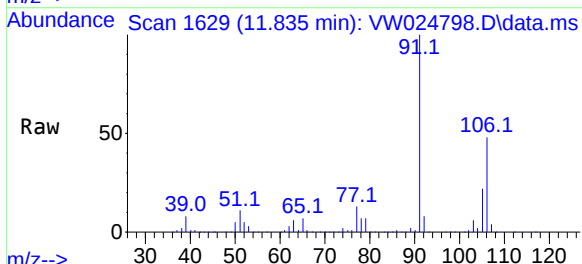
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

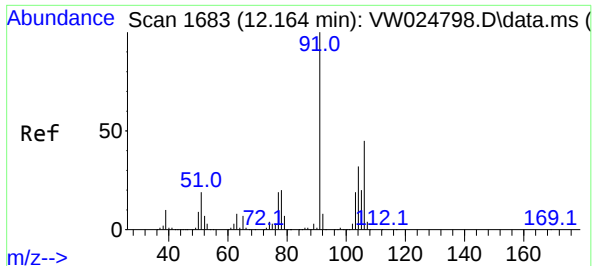
Tgt Ion: 91 Resp: 984594
Ion Ratio Lower Upper
91 100
106 30.4 21.5 39.9



#53
m,p-Xylene
Concen: 25.961 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Tgt Ion:106 Resp: 380576
Ion Ratio Lower Upper
106 100
91 206.6 146.8 272.6

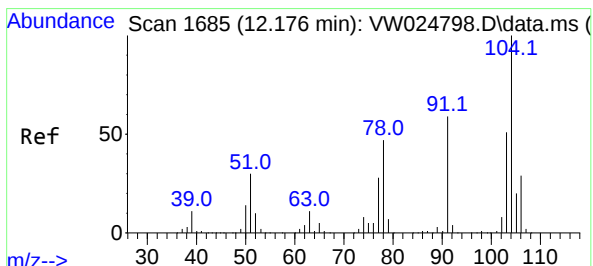
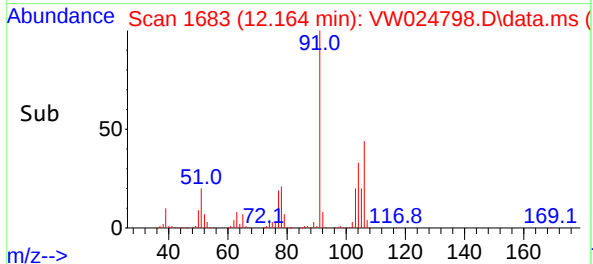
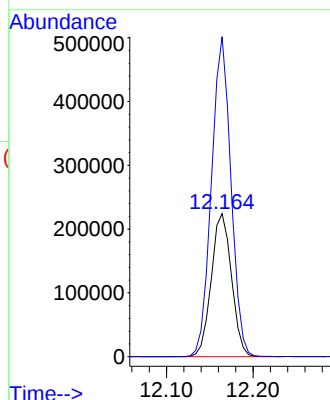
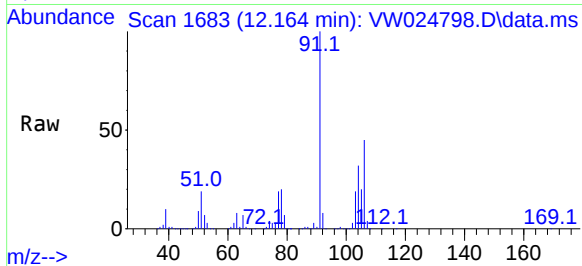




#54
o-Xylene
Concen: 26.253 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

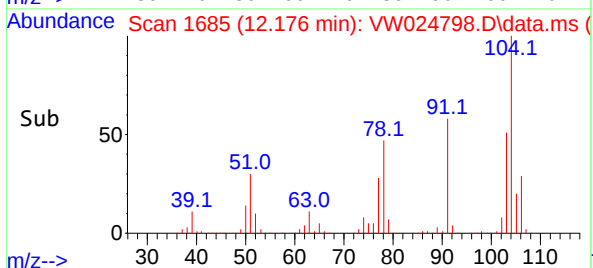
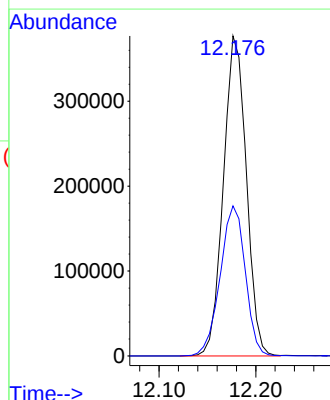
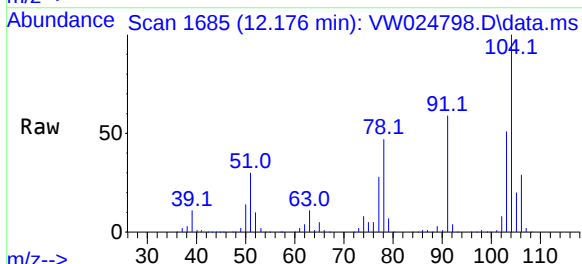
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

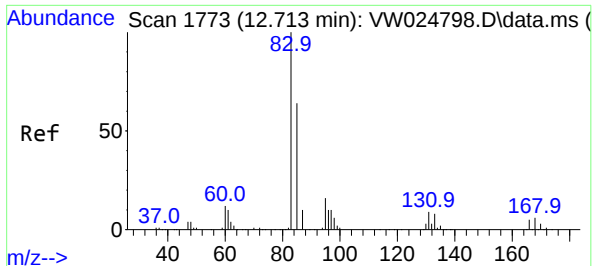
Tgt Ion:106 Resp: 363431
Ion Ratio Lower Upper
106 100
91 223.8 146.3 271.7



#55
Styrene
Concen: 26.565 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Tgt Ion:104 Resp: 619957
Ion Ratio Lower Upper
104 100
78 46.9 33.5 62.1



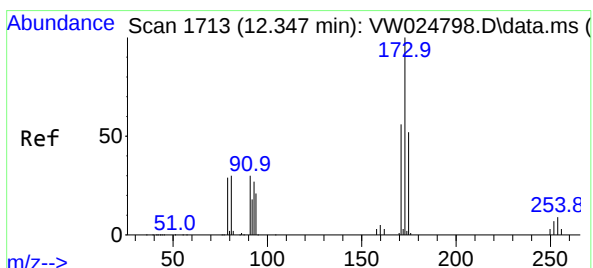
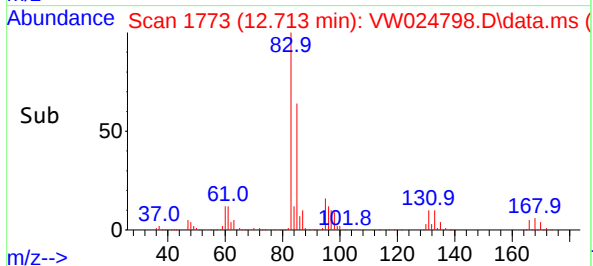
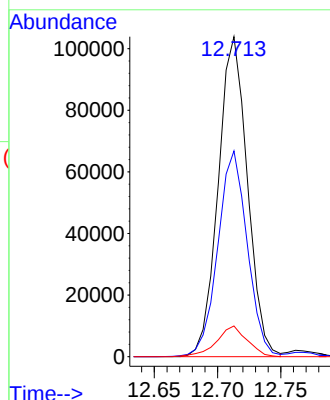
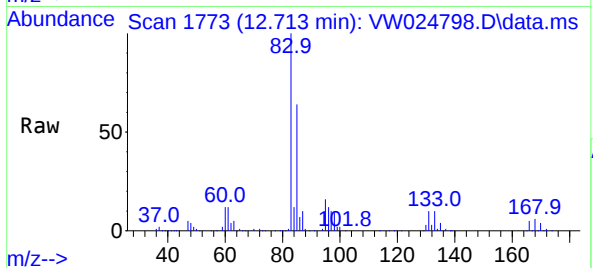


#57
1,1,2-Tetrachloroethane
Concen: 25.553 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

Tgt Ion: 83 Resp: 166517

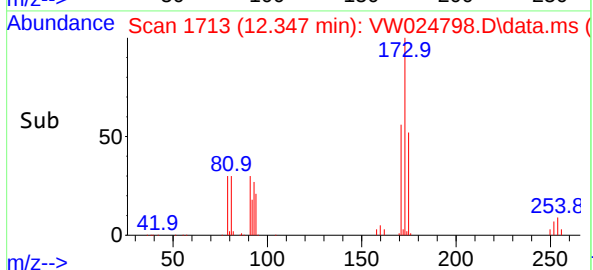
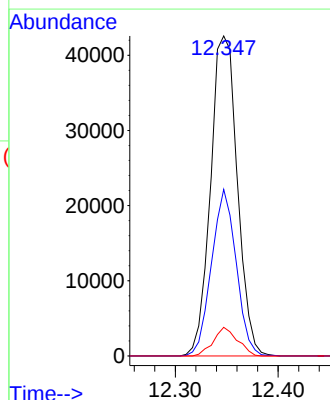
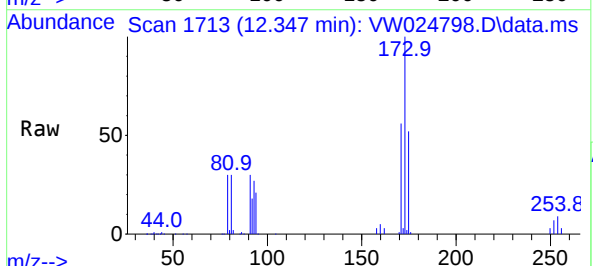
Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.2	84.0
131	9.6	7.3	10.9



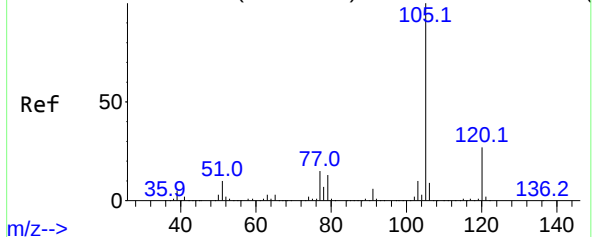
#59
Bromoform
Concen: 22.963 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Tgt Ion: 173 Resp: 77092

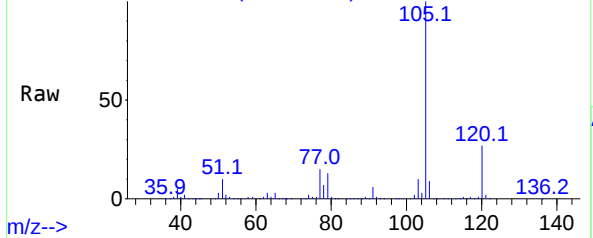
Ion	Ratio	Lower	Upper
173	100		
175	47.9	37.7	56.5
254	8.0	6.7	10.1



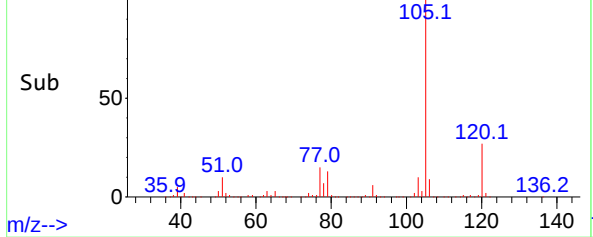
Abundance Scan 1732 (12.463 min): VW024798.D\data.ms (



m/z--> Abundance Scan 1732 (12.463 min): VW024798.D\data.ms



m/z--> Abundance Scan 1732 (12.463 min): VW024798.D\data.ms (



m/z-->

#60

Isopropylbenzene

Concen: 25.288 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW024798.D

Acq: 10 Oct 2022 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025590

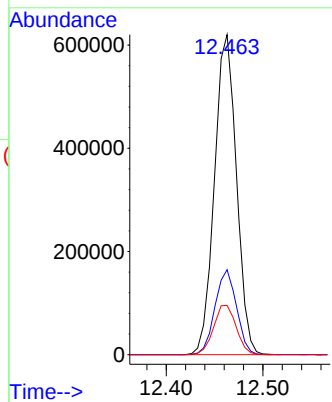
Tgt Ion:105 Resp: 978890

Ion Ratio Lower Upper

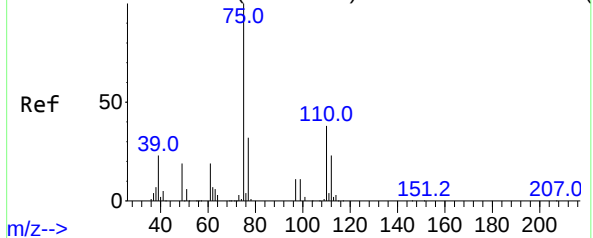
105 100

120 26.0 20.9 31.3

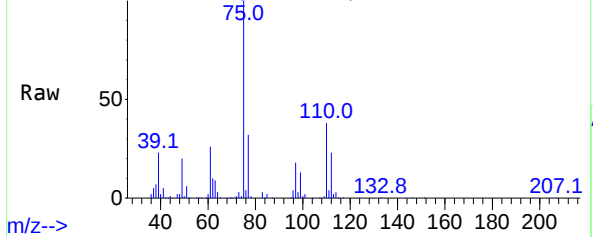
77 15.9 12.7 19.1



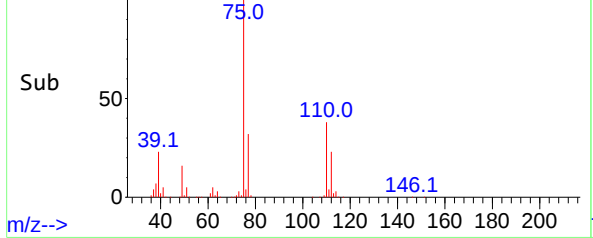
Abundance Scan 1782 (12.768 min): VW024798.D\data.ms (



m/z--> Abundance Scan 1782 (12.768 min): VW024798.D\data.ms



m/z--> Abundance Scan 1782 (12.768 min): VW024798.D\data.ms (



m/z-->

#61

1,2,3-Trichloropropane

Concen: 23.536 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024798.D

Acq: 10 Oct 2022 10:50

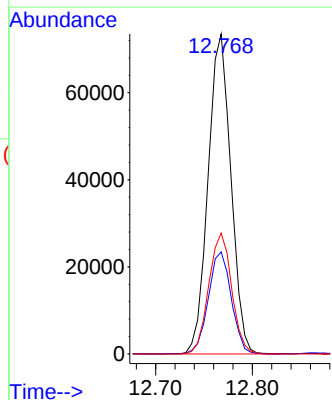
Tgt Ion: 75 Resp: 120411

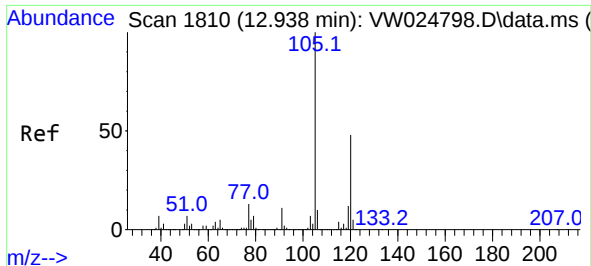
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

110 37.8 29.2 43.8

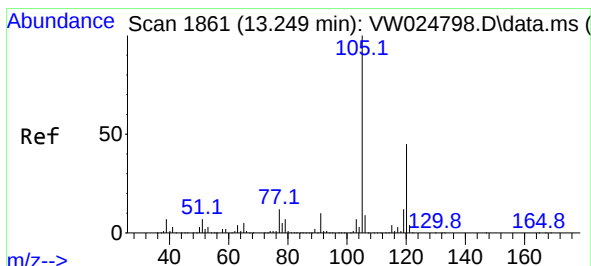
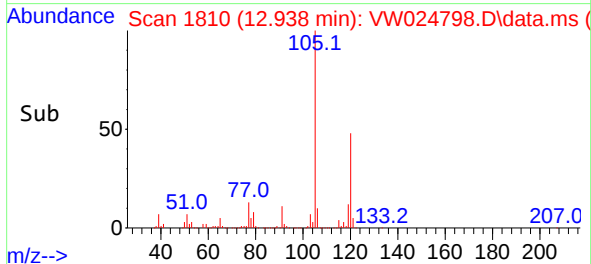
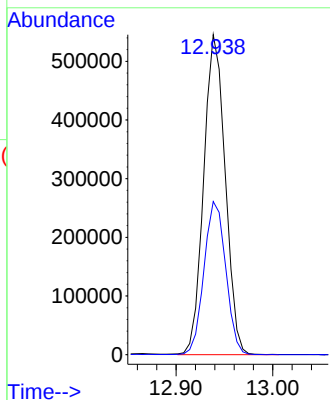
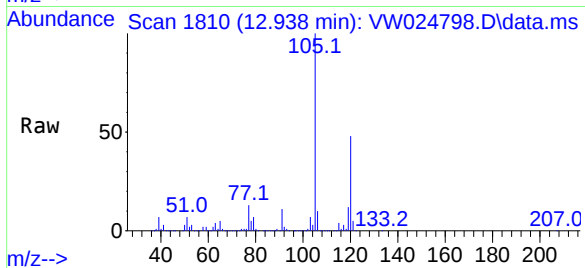




#62
1,3,5-Trimethylbenzene
Concen: 25.077 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

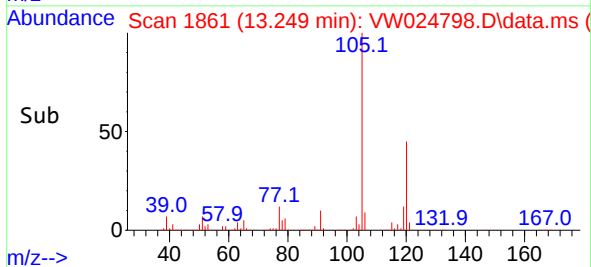
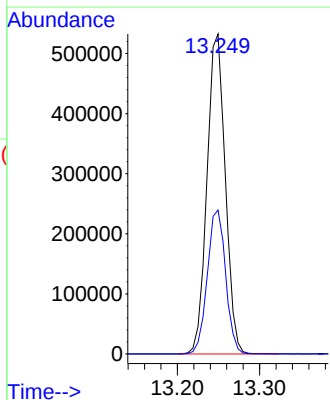
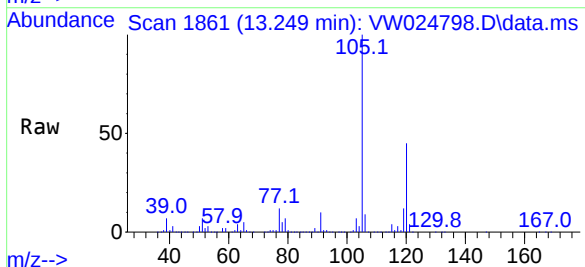
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

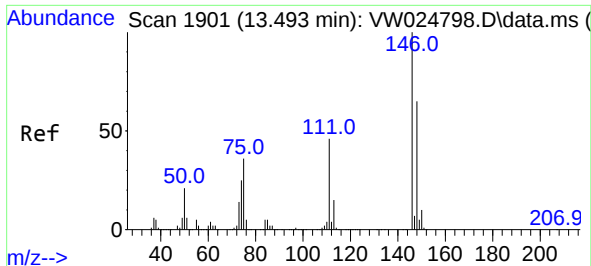
Tgt Ion:105 Resp: 843704
Ion Ratio Lower Upper
105 100
120 48.3 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 24.951 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Tgt Ion:105 Resp: 822399
Ion Ratio Lower Upper
105 100
120 45.0 35.2 52.8

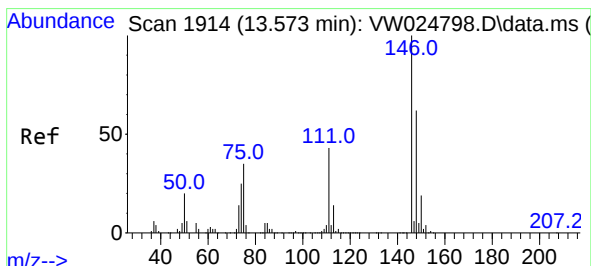
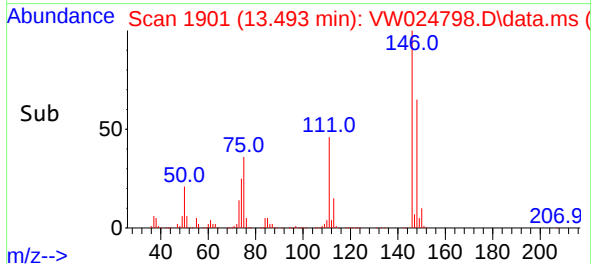
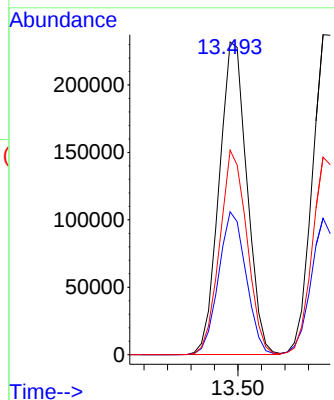
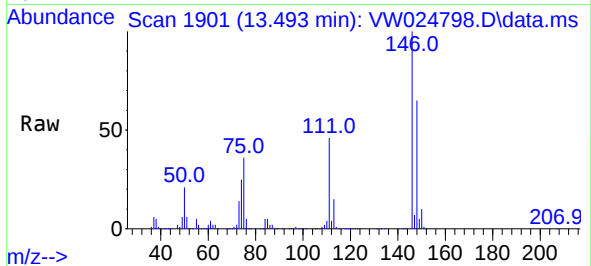




#64
1,3-Dichlorobenzene
Concen: 24.256 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

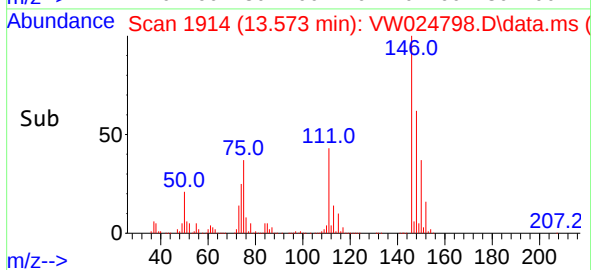
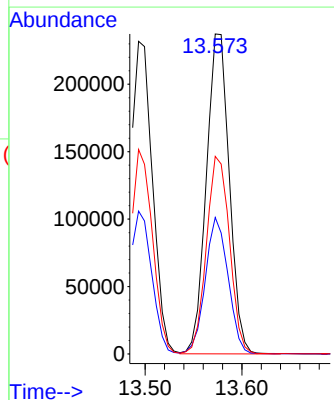
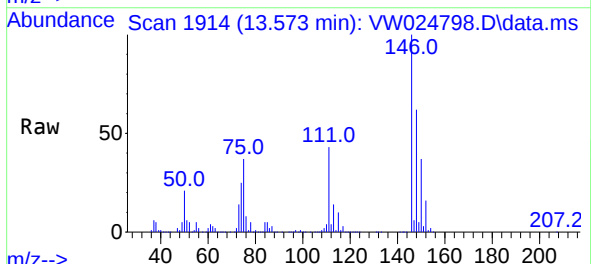
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

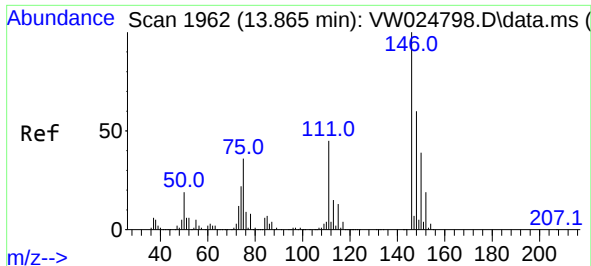
Tgt Ion:146 Resp: 381452
Ion Ratio Lower Upper
146 100
111 45.7 31.6 58.6
148 65.4 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 25.623 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Tgt Ion:146 Resp: 392263
Ion Ratio Lower Upper
146 100
111 42.7 29.4 54.6
148 61.7 39.6 73.6

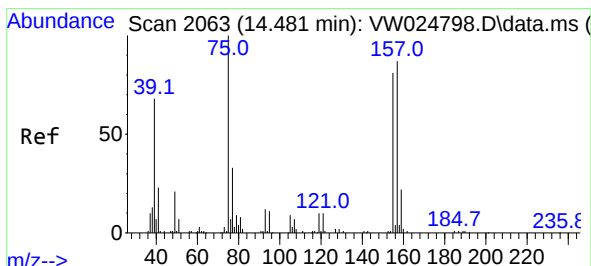
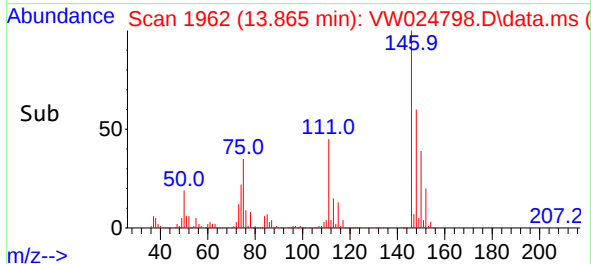
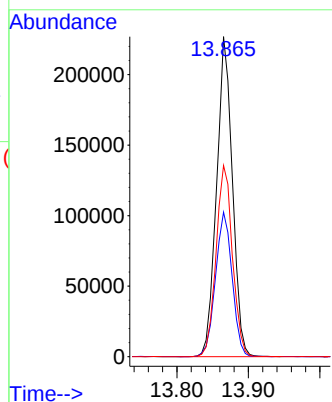
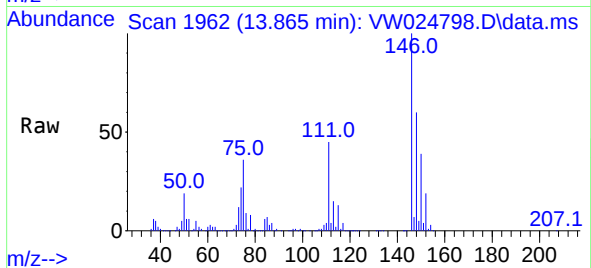




#67
1,2-Dichlorobenzene
Concen: 25.479 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

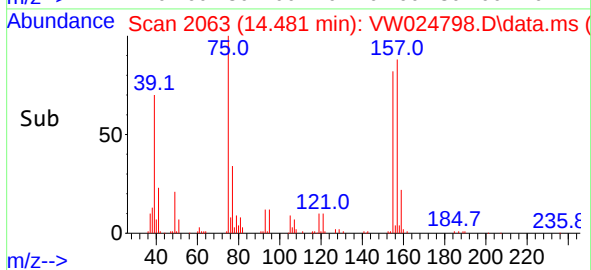
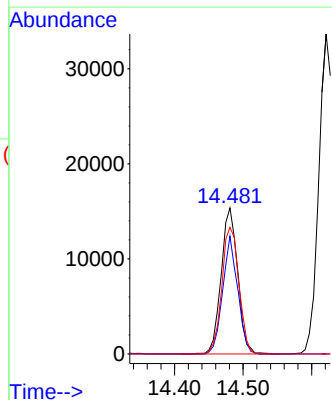
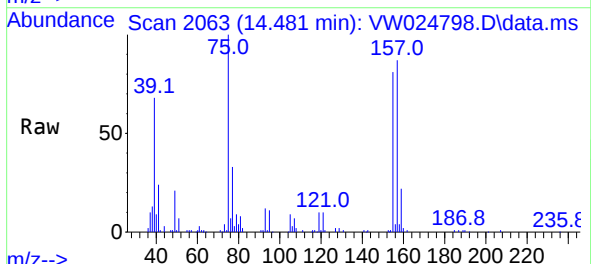
Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

Tgt Ion:146 Resp: 349005
Ion Ratio Lower Upper
146 100
111 45.1 37.2 55.8
148 59.8 53.0 79.6

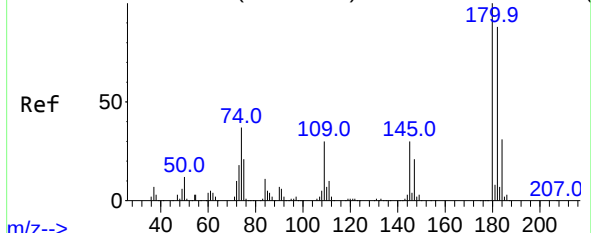


#68
1,2-Dibromo-3-chloropropane
Concen: 21.241 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

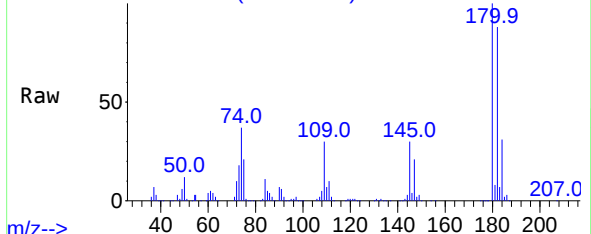
Tgt Ion: 75 Resp: 25698
Ion Ratio Lower Upper
75 100
155 80.6 57.6 86.4
157 86.6 73.0 109.6



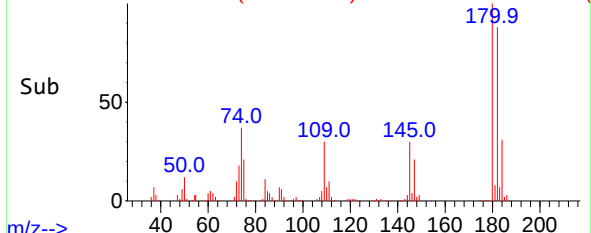
Abundance Scan 2086 (14.621 min): VW024798.D\data.ms (



m/z--> Abundance Scan 2086 (14.621 min): VW024798.D\data.ms



m/z--> Abundance Scan 2086 (14.621 min): VW024798.D\data.ms (

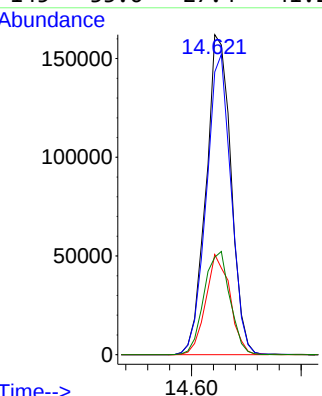


m/z-->

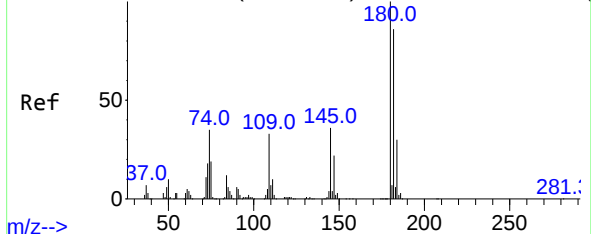
#69
1,3,5-Trichlorobenzene
Concen: 24.593 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

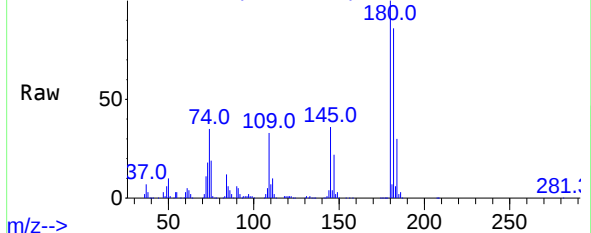
Tgt Ion:	180	Resp:	256799
Ion	Ratio	Lower	Upper
180	100		
182	92.6	77.1	115.7
184	30.4	23.3	34.9
145	33.6	27.4	41.2



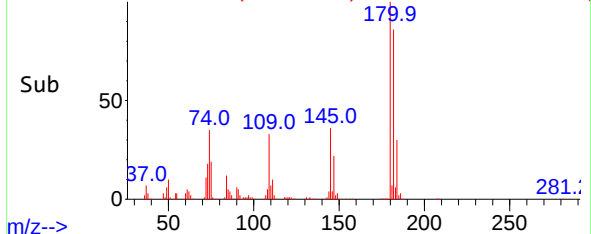
Abundance Scan 2169 (15.127 min): VW024798.D\data.ms (



m/z--> Abundance Scan 2169 (15.127 min): VW024798.D\data.ms



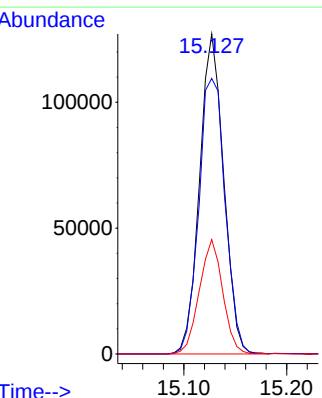
m/z--> Abundance Scan 2169 (15.127 min): VW024798.D\data.ms (

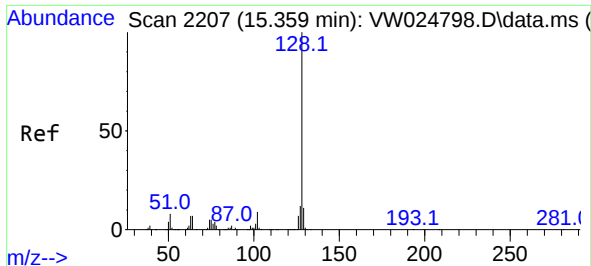


m/z-->

#70
1,2,4-trichlorobenzene
Concen: 23.617 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Tgt Ion:	180	Resp:	207171
Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.8	115.2
145	34.6	29.0	43.4

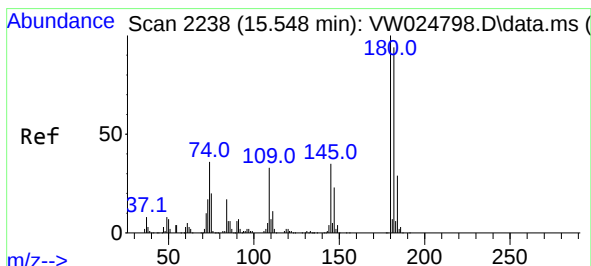
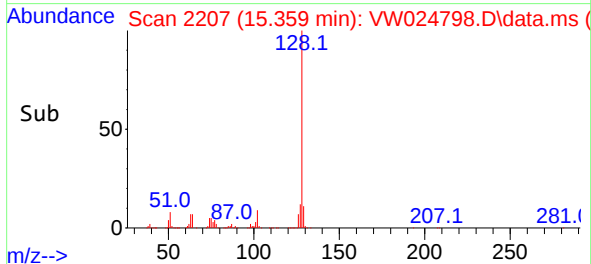
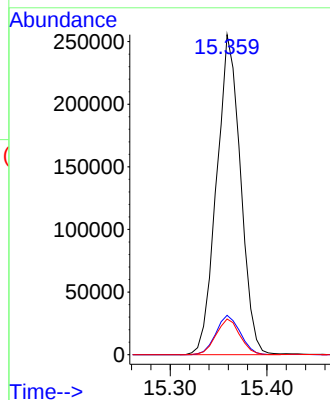
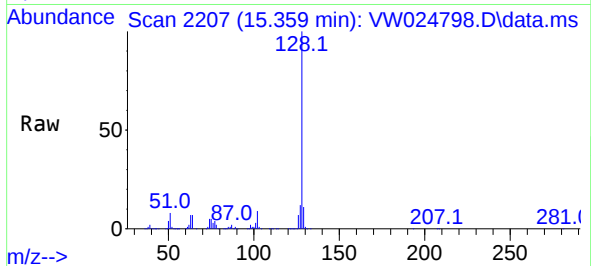




#71
Naphthalene
Concen: 22.987 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD025590

Tgt Ion:128 Resp: 439049
Ion Ratio Lower Upper
128 100
127 12.5 10.6 16.0
129 11.1 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 23.537 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW024798.D
Acq: 10 Oct 2022 10:50

Tgt Ion:180 Resp: 175725
Ion Ratio Lower Upper
180 100
182 93.5 77.4 116.2
145 37.2 30.6 45.8

