

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121222\
 Data File : VW025133.D
 Acq On : 12 Dec 2022 12:22
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025508

Quant Time: Dec 13 00:36:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 08 11:34:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	441180	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	384437	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	184648	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	133998	26.348	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.400%	
7) Chloroethane-d5	2.885	69	88342	26.902	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.600%	
11) 1,1-Dichloroethene-d2	4.019	63	297816	26.729	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 106.920%	
21) 2-Butanone-d5	7.074	46	56559	44.298	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 88.600%	
24) Chloroform-d	7.647	84	293035	25.732	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 102.920%	
26) 1,2-Dichloroethane-d4	8.305	65	138056	23.905	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 95.640%	
32) Benzene-d6	8.275	84	594659	26.376	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.520%	
36) 1,2-Dichloropropane-d6	9.274	67	170521	25.994	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 103.960%	
41) Toluene-d8	10.323	98	547845	26.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 107.200%	
43) trans-1,3-Dichloroprop...	10.579	79	70056	25.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 101.120%	
47) 2-Hexanone-d5	10.920	63	45299	47.066	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 94.140%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	111991	23.118	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 92.480%	
66) 1,2-Dichlorobenzene-d4	13.853	152	161567	25.815	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	70588	26.400	ug/L	98
3) Chloromethane	2.209	50	126958	26.967	ug/L	99
5) Vinyl chloride	2.361	62	164720	27.968	ug/L	99
6) Bromomethane	2.782	94	81464	26.694	ug/L	95
8) Chloroethane	2.922	64	77840	28.575	ug/L	99
9) Trichlorofluoromethane	3.263	101	122938	27.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	161033	27.621	ug/L	97
12) 1,1-Dichloroethene	4.037	96	150805	27.131	ug/L	99
13) Acetone	4.123	43	67693	51.577	ug/L	100
14) Carbon disulfide	4.385	76	470119	26.493	ug/L	100
15) Methyl Acetate	4.672	43	51144	23.875	ug/L	99
16) Methylene chloride	4.915	84	173305	25.133	ug/L	96
17) trans-1,2-Dichloroethene	5.427	96	161917	27.479	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	227927	26.069	ug/L	99
19) 1,1-Dichloroethane	6.214	63	288562	27.102	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	170882	27.426	ug/L	99
22) 2-Butanone	7.171	43	80628	48.831	ug/L	97
23) Bromochloromethane	7.512	128	68473	25.971	ug/L	96
25) Chloroform	7.677	83	289564	26.875	ug/L	98

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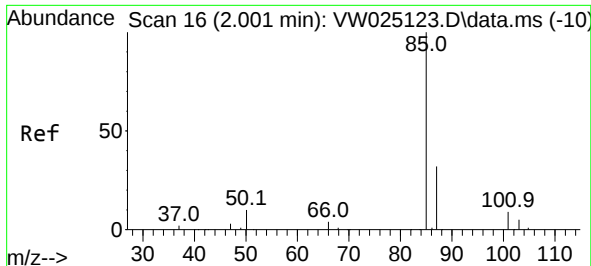
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 Quant Title : SFAM01.0
 QLast Update : Thu Dec 08 11:34:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	173219	25.535	ug/L	99
29) Cyclohexane	7.951	56	277418	28.498	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	257119	28.333	ug/L	99
31) Carbon tetrachloride	8.067	117	231101	27.696	ug/L	99
33) Benzene	8.323	78	661422	27.774	ug/L	100
34) Trichloroethene	9.091	95	174707	28.006	ug/L	97
35) Methylcyclohexane	9.335	83	310057	28.022	ug/L	99
37) 1,2-Dichloropropane	9.366	63	157467	27.414	ug/L	99
38) Bromodichloromethane	9.646	83	202903	26.740	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	245360	27.957	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	143852	48.855	ug/L	99
42) Toluene	10.390	91	695490	27.873	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	205401	27.328	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	104402	25.470	ug/L	98
46) Tetrachloroethene	10.859	164	124571	27.432	ug/L	97
48) 2-Hexanone	10.969	43	112191	52.165	ug/L	98
49) Dibromochloromethane	11.128	129	129129	26.231	ug/L	91
50) 1,2-Dibromoethane	11.231	107	97333	25.504	ug/L	93
51) Chlorobenzene	11.658	112	434502	27.210	ug/L	98
52) Ethylbenzene	11.731	91	783535	27.710	ug/L	100
53) m,p-Xylene	11.835	106	302565	28.019	ug/L	94
54) o-Xylene	12.164	106	292193	28.391	ug/L	100
55) Styrene	12.176	104	481347	27.618	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	119401	24.908	ug/L	96
59) Bromoform	12.347	173	63718	25.129	ug/L	95
60) Isopropylbenzene	12.463	105	798232	28.203	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	86439	24.355	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	688177	28.385	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	665765	28.267	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	323292	27.901	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	325558	27.900	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	278943	27.604	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	19040	23.009	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	227623	27.666	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	184993	28.023	ug/L	96
71) Naphthalene	15.359	128	336728	26.020	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	151011	26.103	ug/L	97

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

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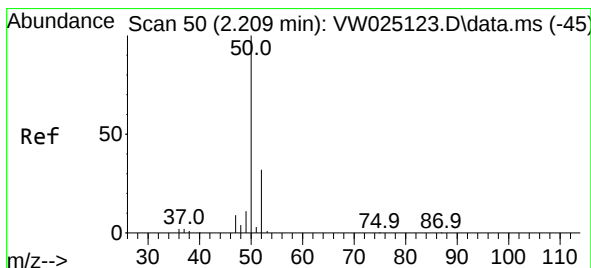
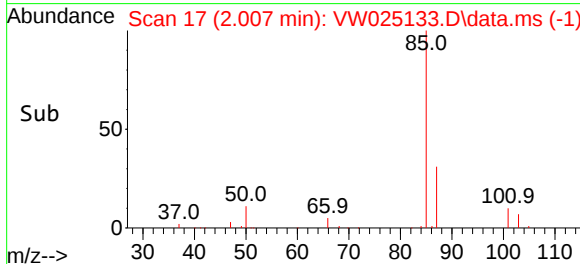
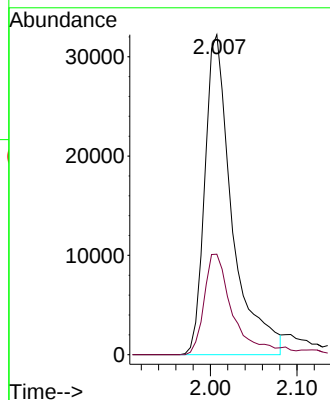
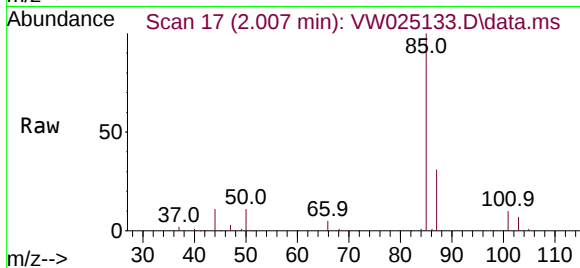




#2
 Dichlorodifluoromethane
 Concen: 26.400 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW025133.D
 Acq: 12 Dec 2022 12:22

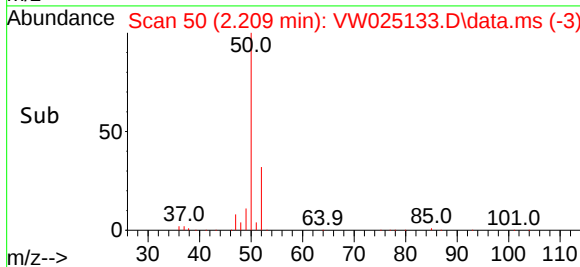
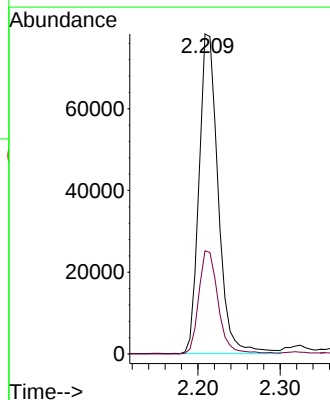
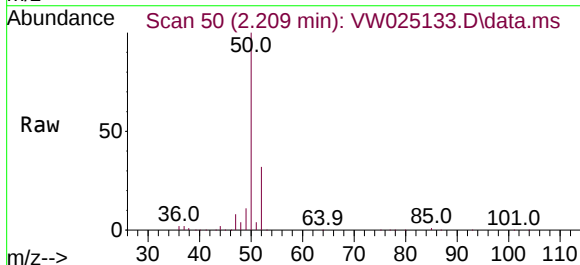
Instrument :
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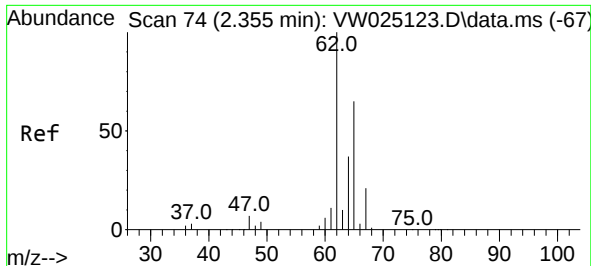
Tgt Ion: 85 Resp: 70588
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.0 37.6



#3
 Chloromethane
 Concen: 26.967 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.012 min
 Lab File: VW025133.D
 Acq: 12 Dec 2022 12:22

Tgt Ion: 50 Resp: 126958
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.1 41.1

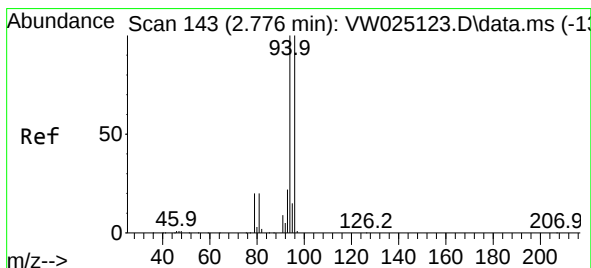
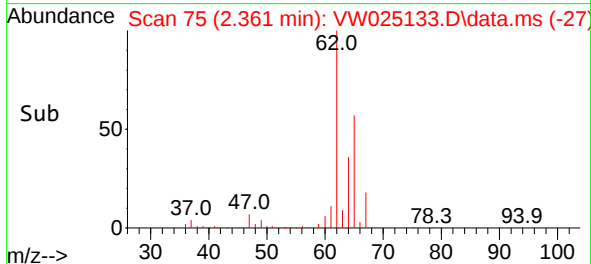
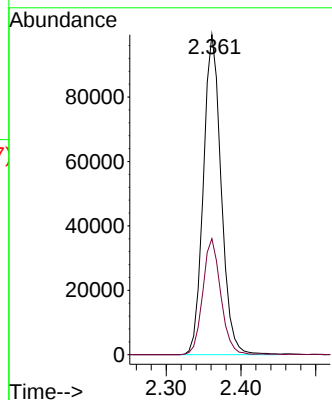
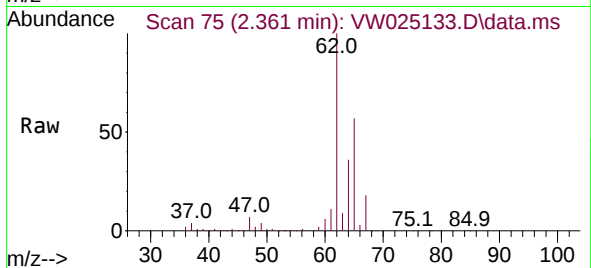




#5
 Vinyl chloride
 Concen: 27.968 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW025133.D
 Acq: 12 Dec 2022 12:22

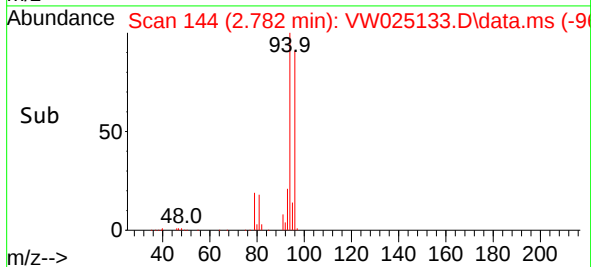
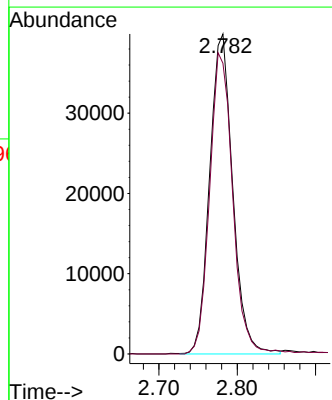
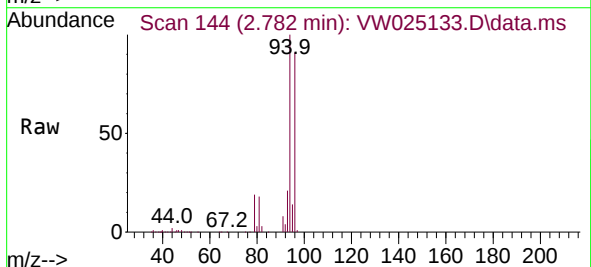
Instrument :
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 ClientSampleId :
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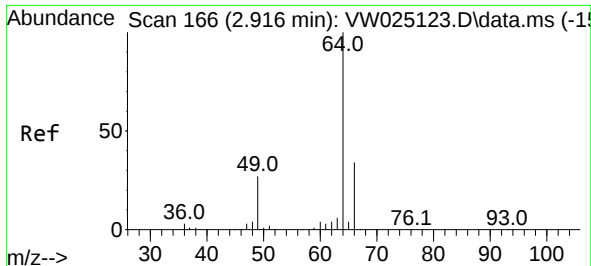
Tgt Ion: 62 Resp: 164720
 Ion Ratio Lower Upper
 62 100
 64 36.3 24.8 46.1



#6
 Bromomethane
 Concen: 26.694 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.005 min
 Lab File: VW025133.D
 Acq: 12 Dec 2022 12:22

Tgt Ion: 94 Resp: 81464
 Ion Ratio Lower Upper
 94 100
 96 90.9 66.7 123.9

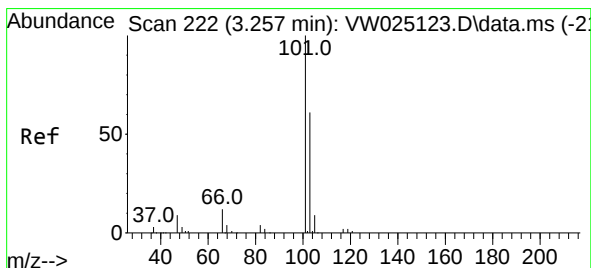
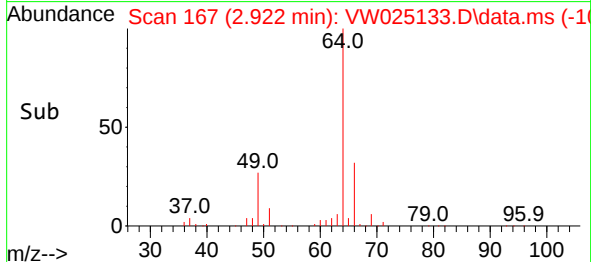
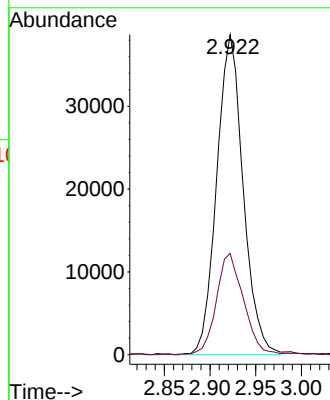
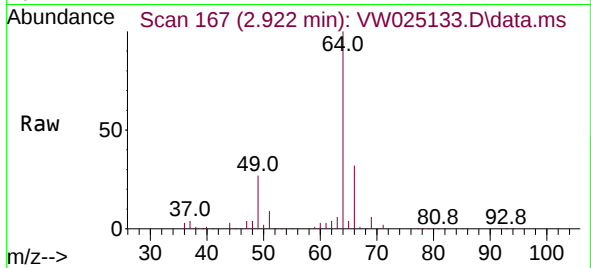




#8
Chloroethane
Concen: 28.575 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.012 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

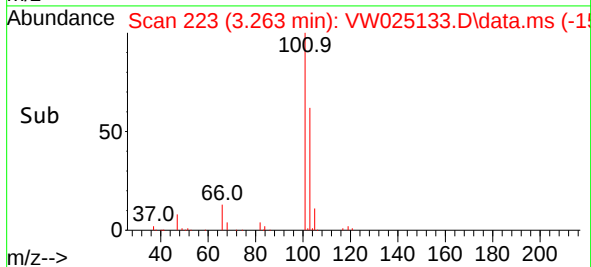
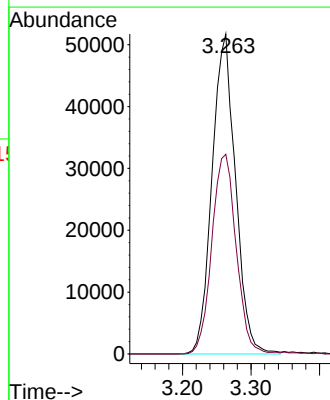
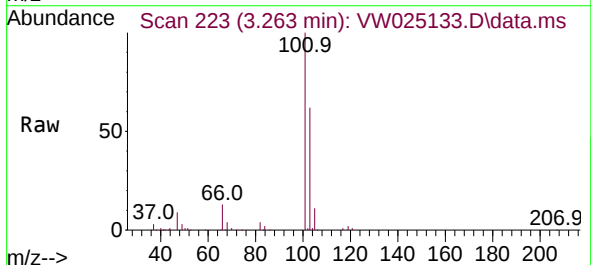
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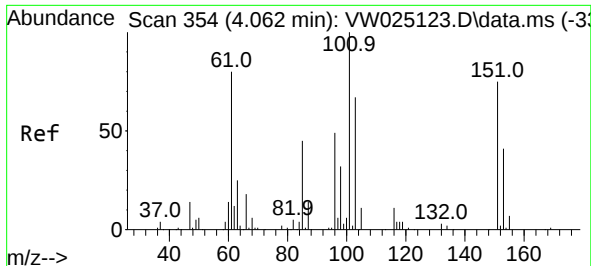
Tgt Ion: 64 Resp: 77840
Ion Ratio Lower Upper
64 100
66 31.7 22.7 42.1



#9
Trichlorofluoromethane
Concen: 27.854 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.006 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

Tgt Ion:101 Resp: 122938
Ion Ratio Lower Upper
101 100
103 64.6 50.9 76.3

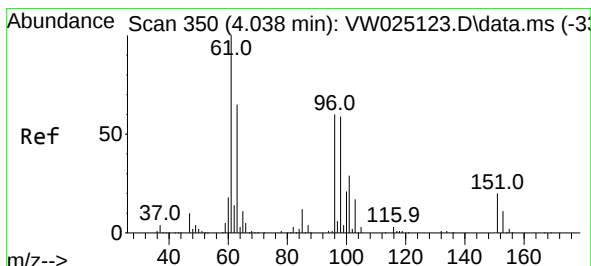
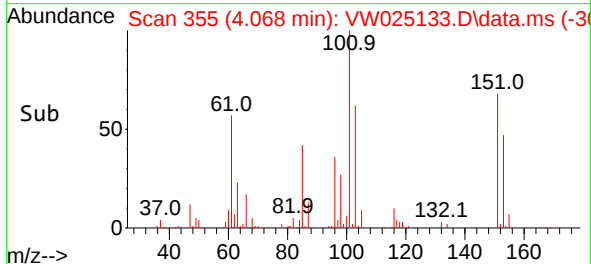
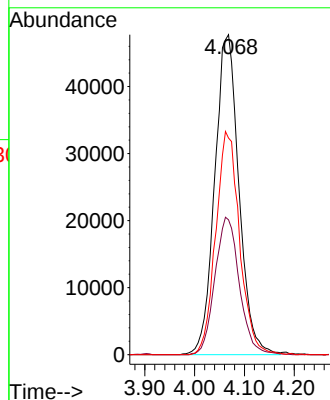
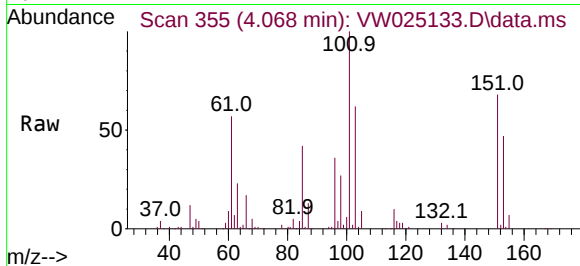




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.621 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW025133.D
 Acq: 12 Dec 2022 12:22

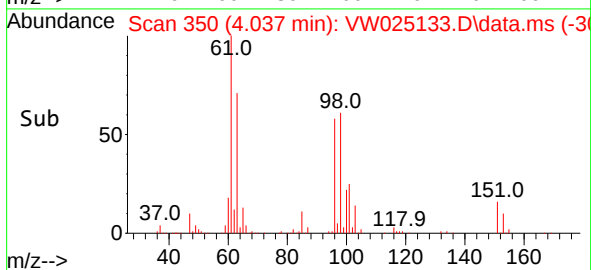
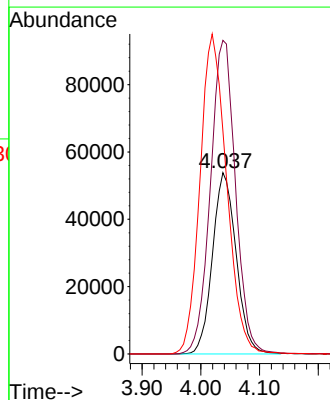
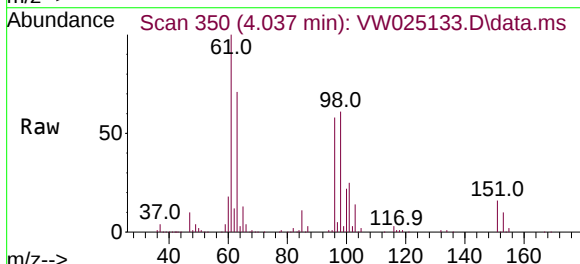
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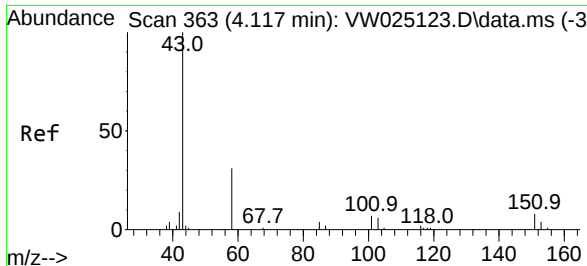
Tgt Ion:101 Resp: 161033
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.6 52.0
 151 68.7 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 27.131 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW025133.D
 Acq: 12 Dec 2022 12:22

Tgt Ion: 96 Resp: 150805
 Ion Ratio Lower Upper
 96 100
 61 173.1 120.8 224.4
 63 123.0 84.1 156.1

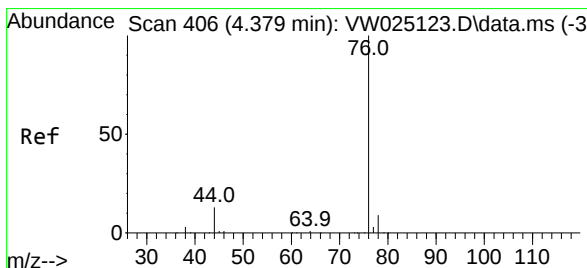
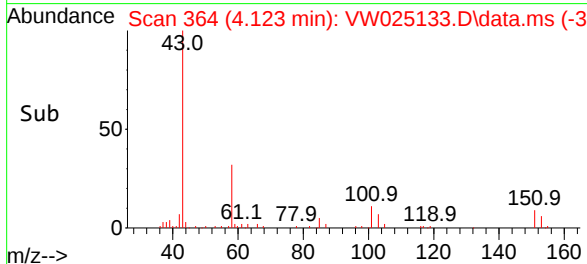
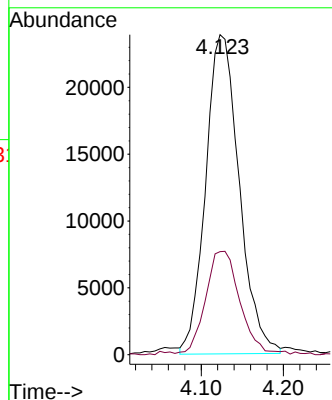
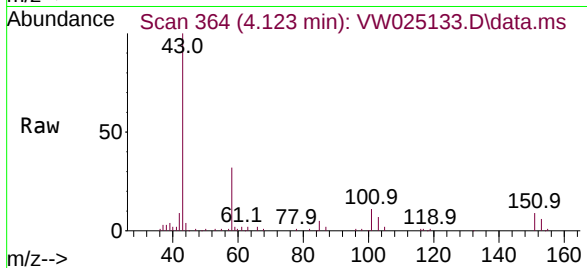




#13
Acetone
Concen: 51.577 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

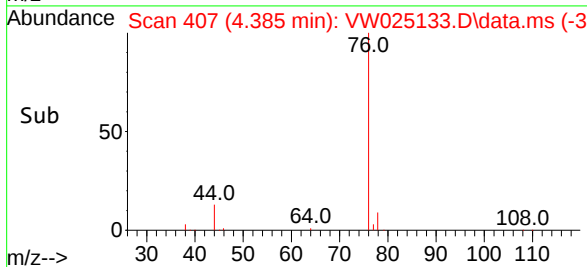
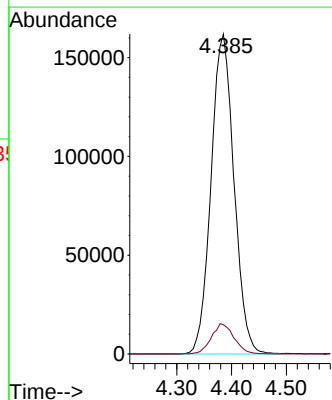
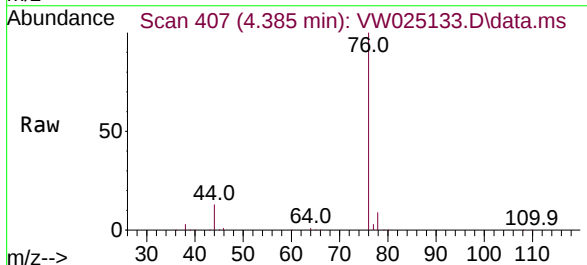
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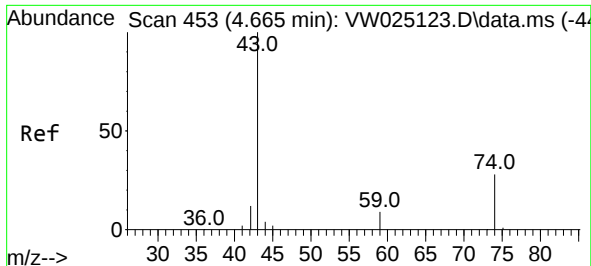
Tgt Ion: 43 Resp: 67693
Ion Ratio Lower Upper
43 100
58 32.9 0.0 65.2



#14
Carbon disulfide
Concen: 26.493 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

Tgt Ion: 76 Resp: 470119
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

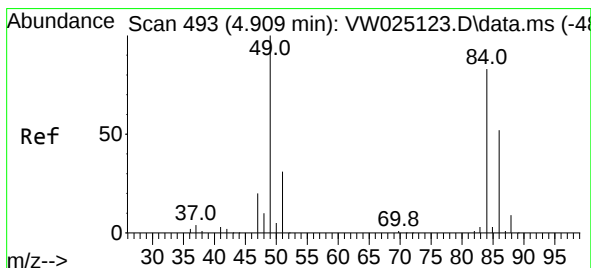
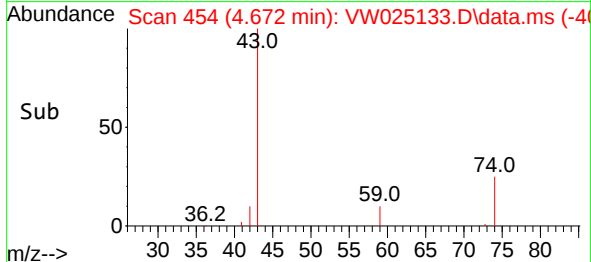
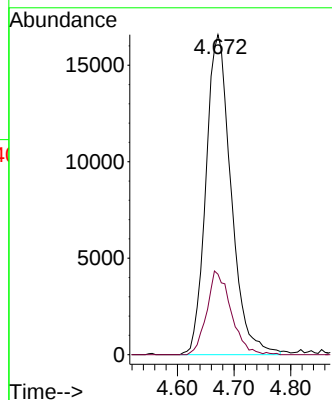
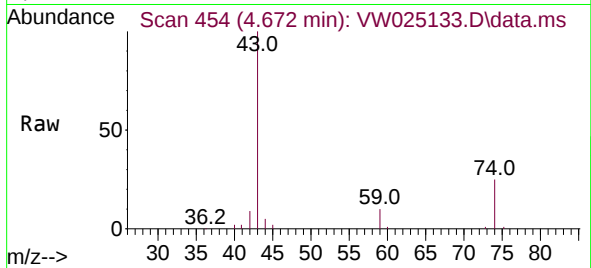




#15
Methyl Acetate
Concen: 23.875 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

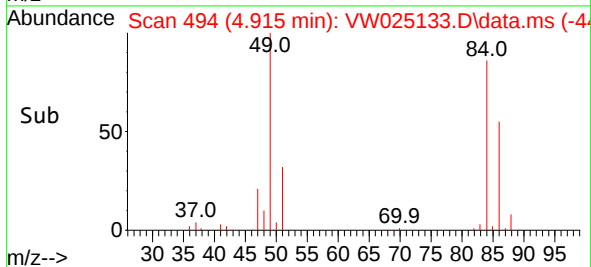
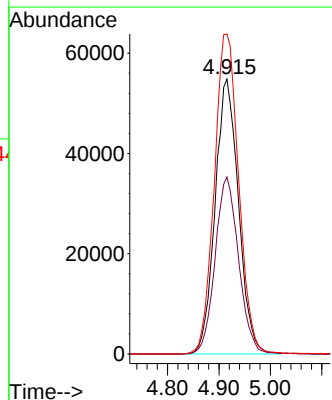
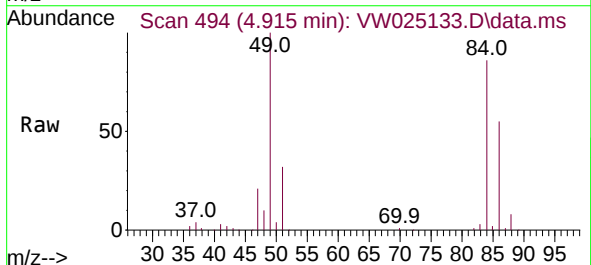
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

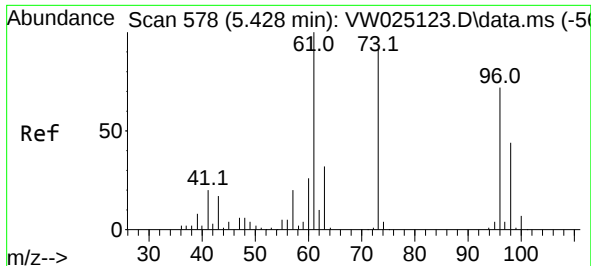
Tgt Ion: 43 Resp: 51144
Ion Ratio Lower Upper
43 100
74 25.0 19.5 29.3



#16
Methylene chloride
Concen: 25.133 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

Tgt Ion: 84 Resp: 173305
Ion Ratio Lower Upper
84 100
86 64.4 45.0 83.6
49 116.5 86.3 160.3

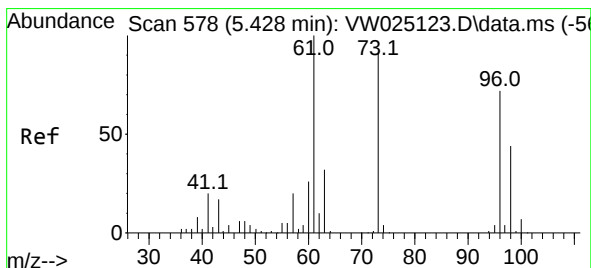
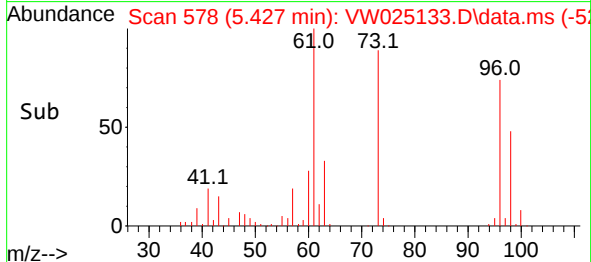
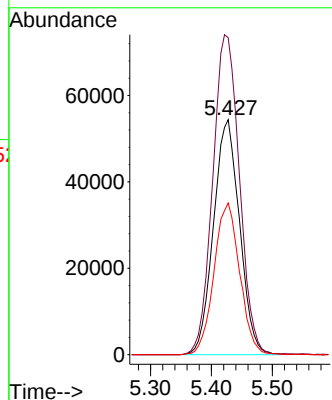
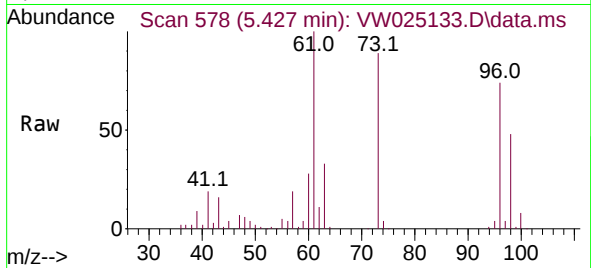




#17
trans-1,2-Dichloroethene
Concen: 27.479 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

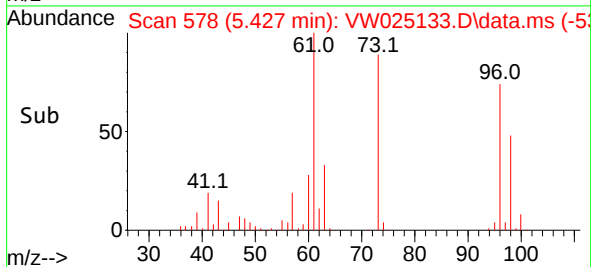
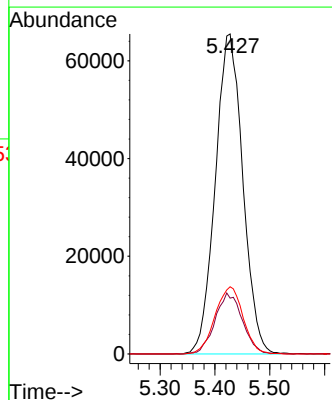
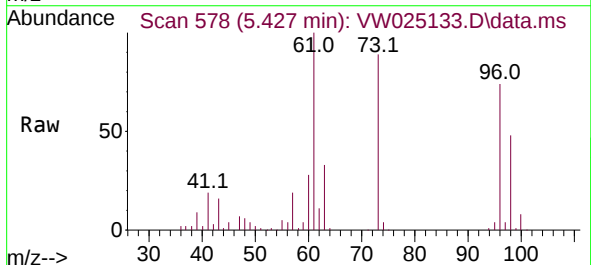
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

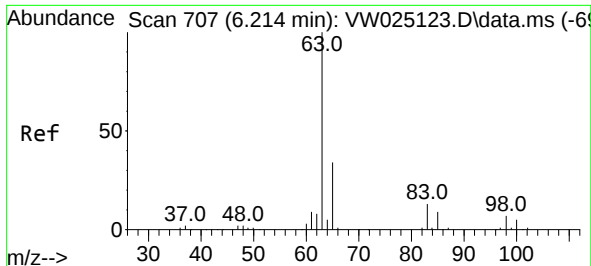
Tgt Ion: 96 Resp: 161917
Ion Ratio Lower Upper
96 100
61 134.9 95.5 177.3
98 64.5 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 26.069 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

Tgt Ion: 73 Resp: 227927
Ion Ratio Lower Upper
73 100
43 19.0 15.6 23.4
57 21.4 17.5 26.3





#19

1,1-Dichloroethane

Concen: 27.102 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW025133.D

Acq: 12 Dec 2022 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD025508

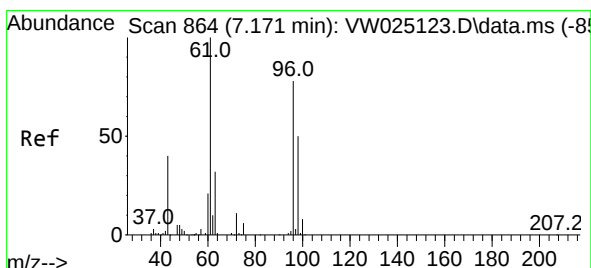
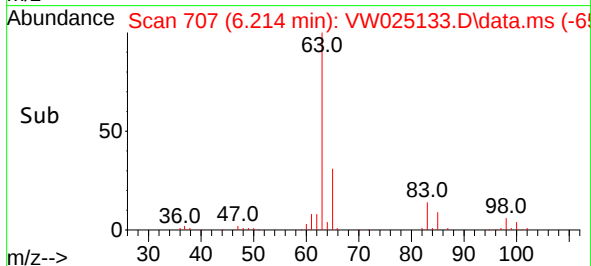
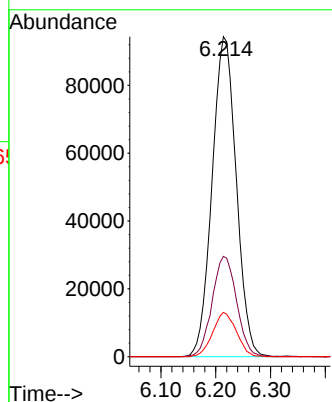
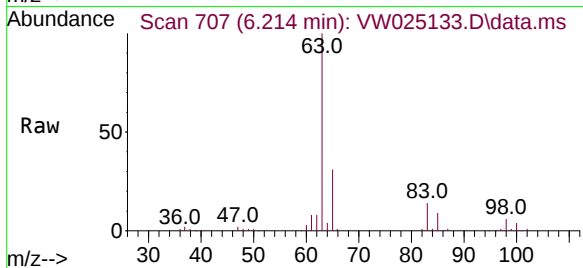
Tgt Ion: 63 Resp: 288562

Ion Ratio Lower Upper

63 100

65 31.3 22.2 41.2

83 13.9 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 27.426 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW025133.D

Acq: 12 Dec 2022 12:22

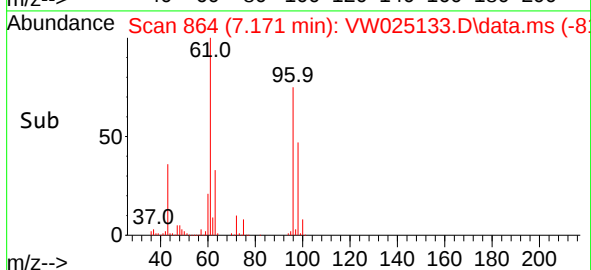
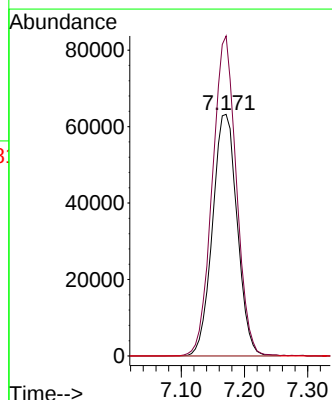
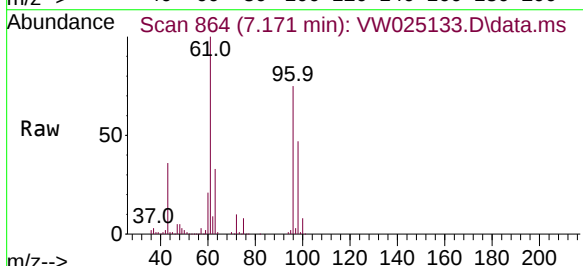
Tgt Ion: 96 Resp: 170882

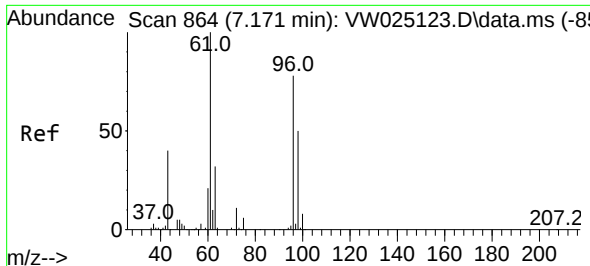
Ion Ratio Lower Upper

96 100

61 132.5 93.7 173.9

68 0.0 0.0 0.0

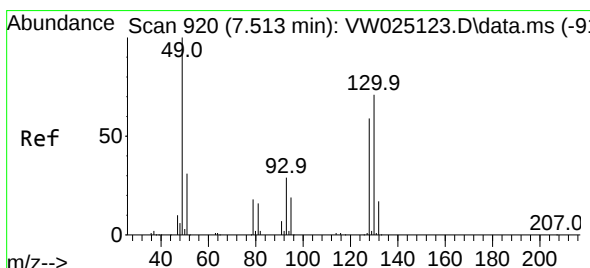
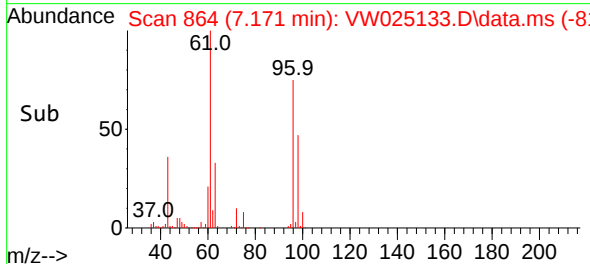
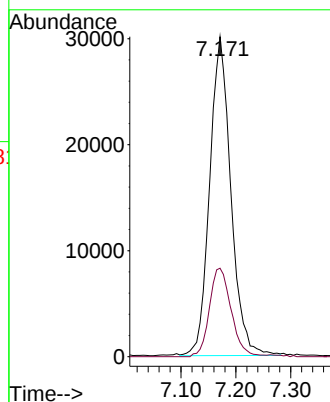
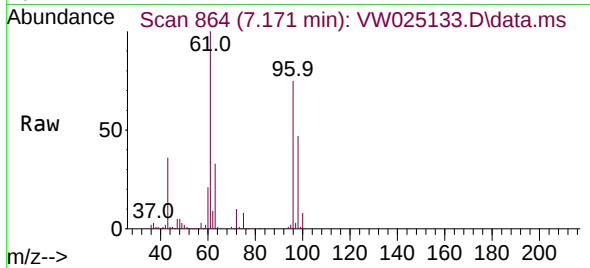




#22
2-Butanone
Concen: 48.831 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

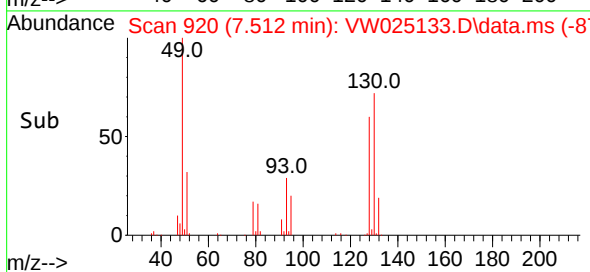
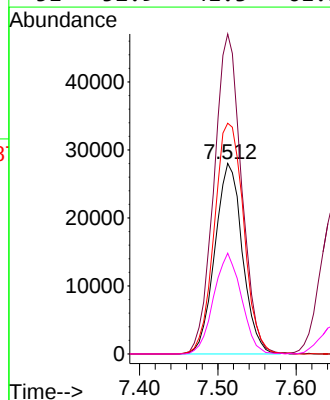
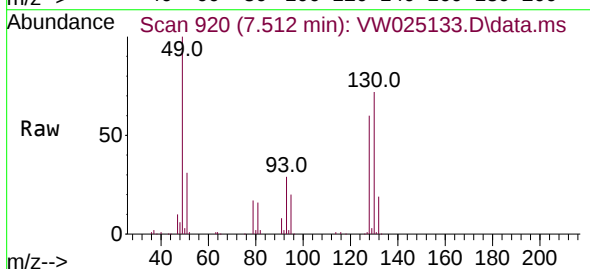
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

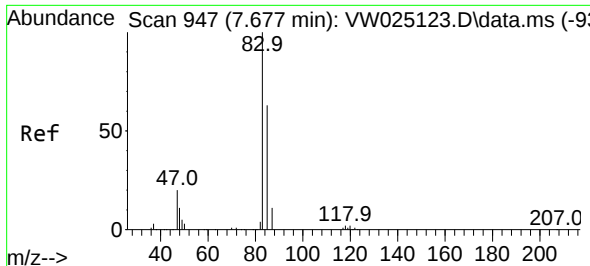
Tgt Ion: 43 Resp: 80628
Ion Ratio Lower Upper
43 100
72 28.5 15.0 45.0



#23
Bromochloromethane
Concen: 25.971 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

Tgt Ion: 128 Resp: 68473
Ion Ratio Lower Upper
128 100
49 168.0 114.1 211.9
130 121.1 89.0 165.2
51 52.9 41.3 61.9

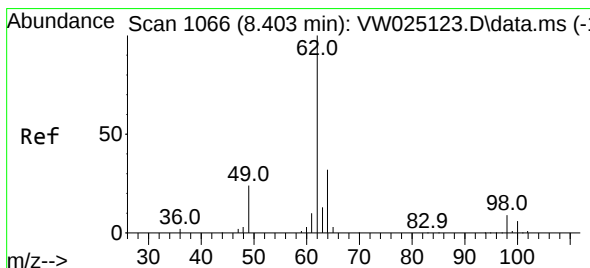
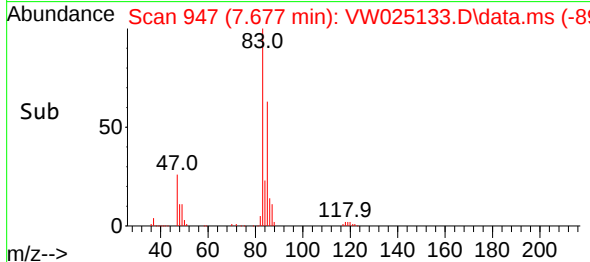
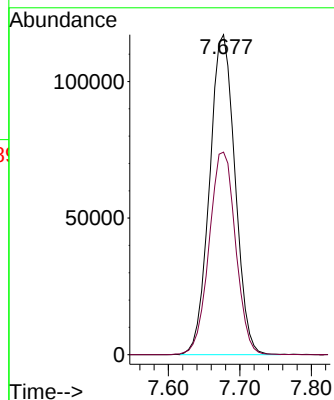
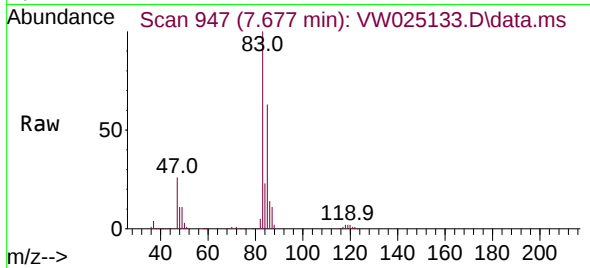




#25
Chloroform
Concen: 26.875 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

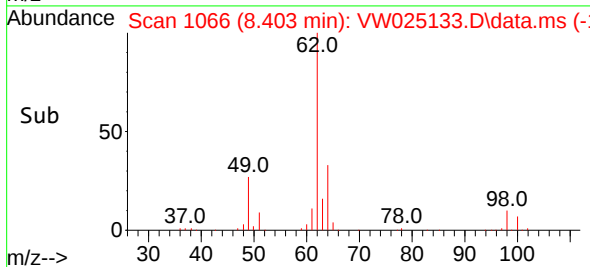
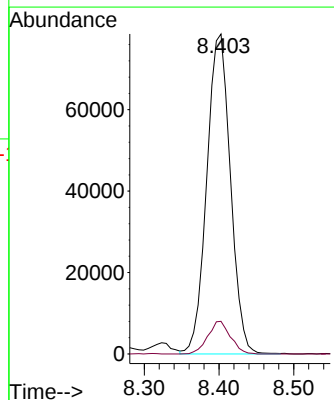
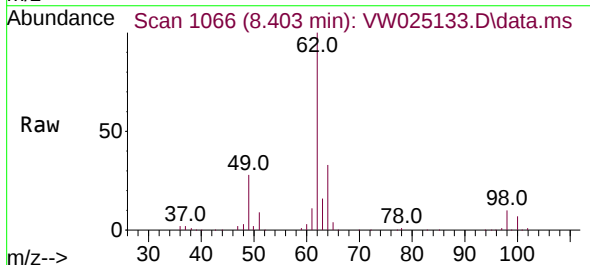
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

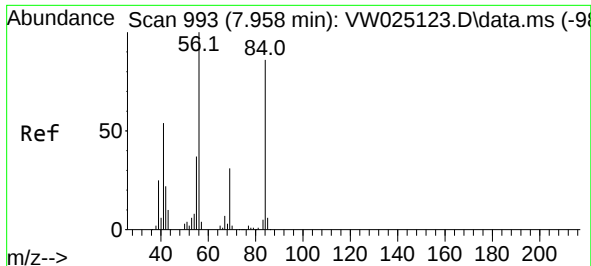
Tgt Ion: 83 Resp: 289564
Ion Ratio Lower Upper
83 100
85 63.3 45.4 84.2



#27
1,2-Dichloroethane
Concen: 25.535 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

Tgt Ion: 62 Resp: 173219
Ion Ratio Lower Upper
62 100
98 10.2 7.8 11.8





#29

Cyclohexane

Concen: 28.498 ug/L

RT: 7.951 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW025133.D

Acq: 12 Dec 2022 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD025508

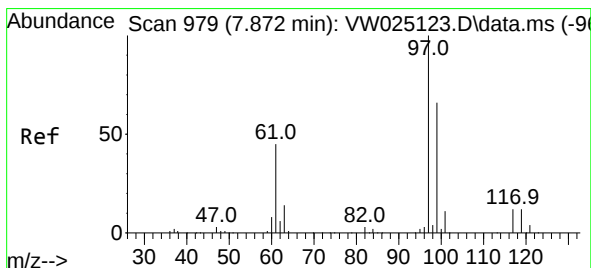
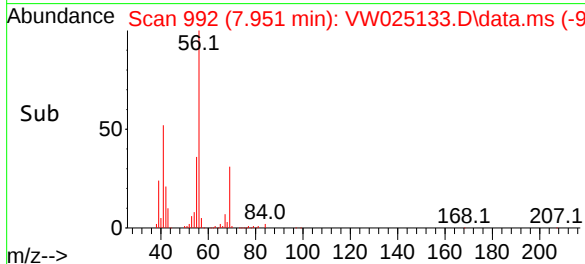
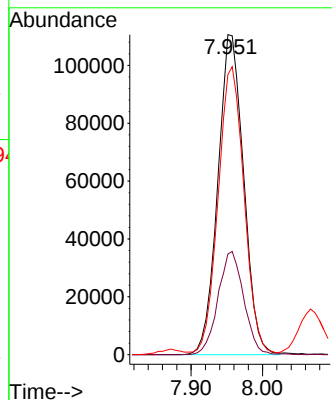
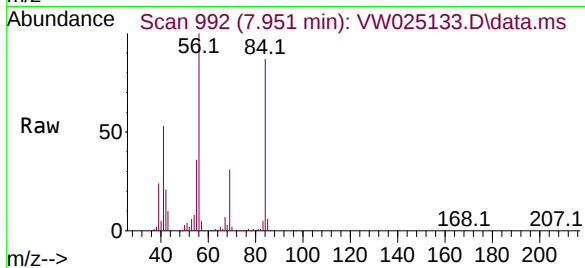
Tgt Ion: 56 Resp: 277418

Ion Ratio Lower Upper

56 100

69 32.0 25.0 37.6

84 90.6 70.9 106.3



#30

1,1,1-Trichloroethane

Concen: 28.333 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.006 min

Lab File: VW025133.D

Acq: 12 Dec 2022 12:22

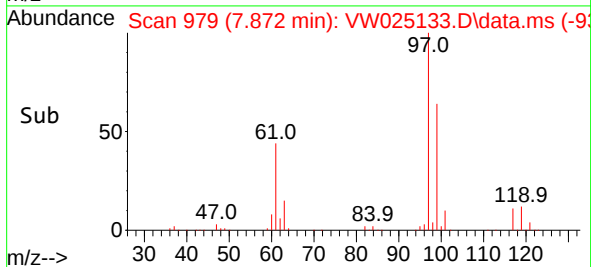
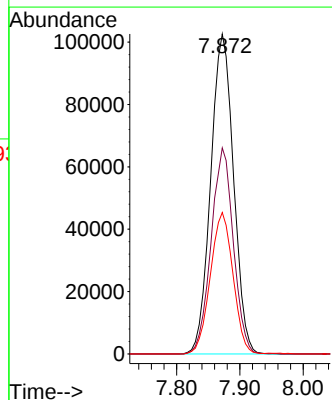
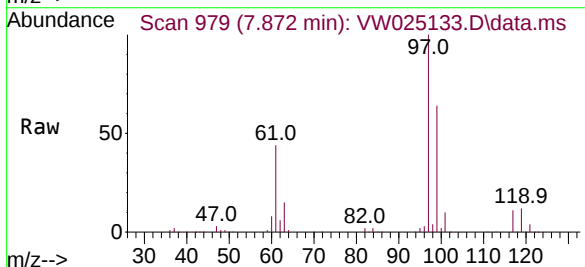
Tgt Ion: 97 Resp: 257119

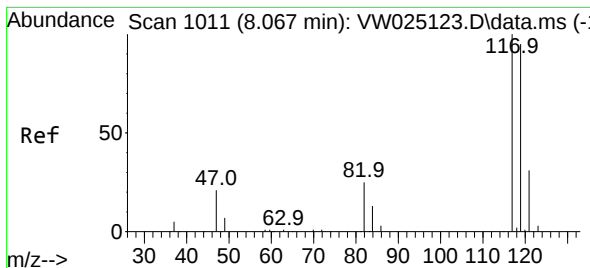
Ion Ratio Lower Upper

97 100

99 62.6 50.9 76.3

61 43.9 35.5 53.3

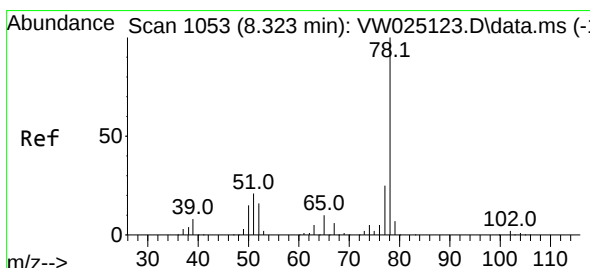
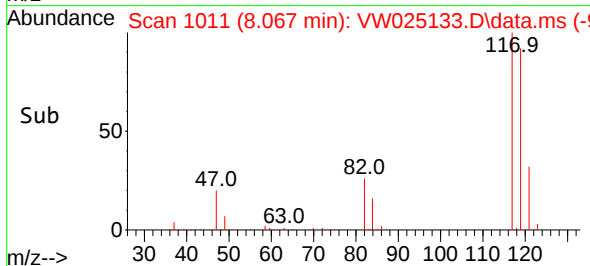
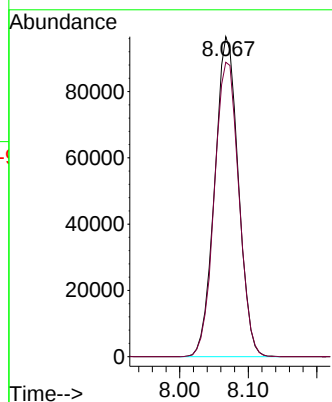
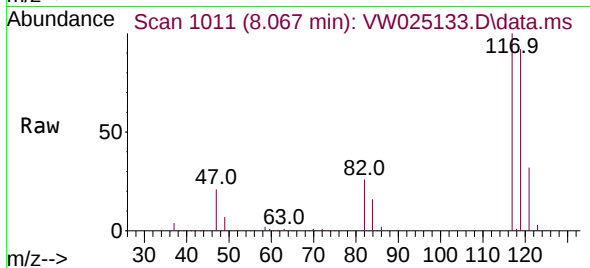




#31
Carbon tetrachloride
Concen: 27.696 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

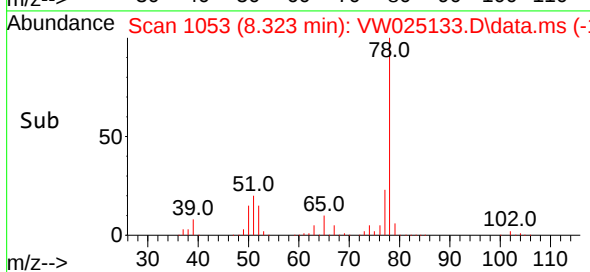
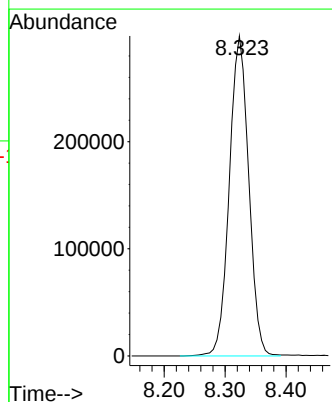
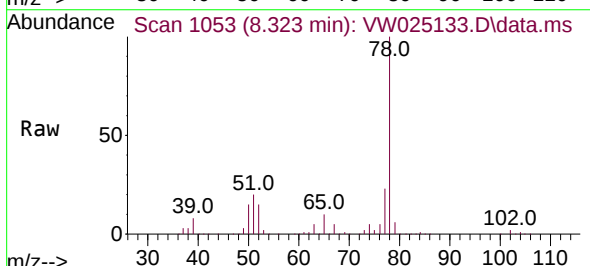
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

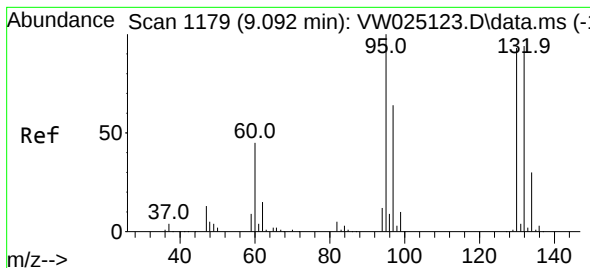
Tgt Ion:117 Resp: 231101
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.4



#33
Benzene
Concen: 27.774 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

Tgt Ion: 78 Resp: 661422





#34

Trichloroethene

Concen: 28.006 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025133.D

Acq: 12 Dec 2022 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD025508

Tgt Ion: 95 Resp: 174707

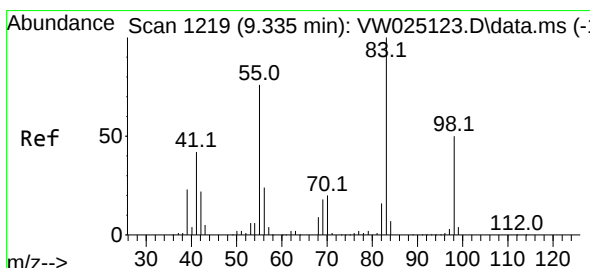
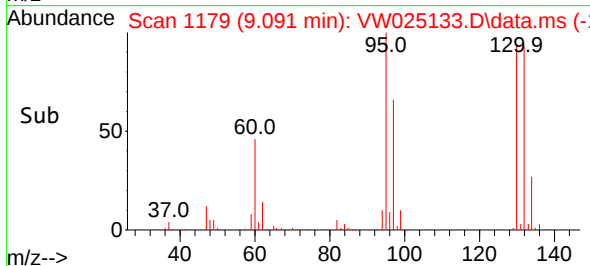
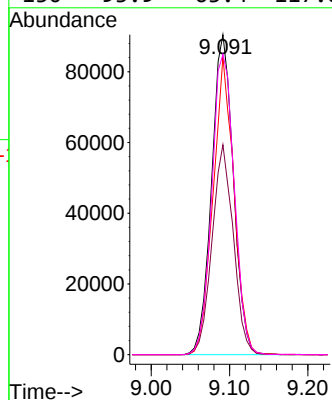
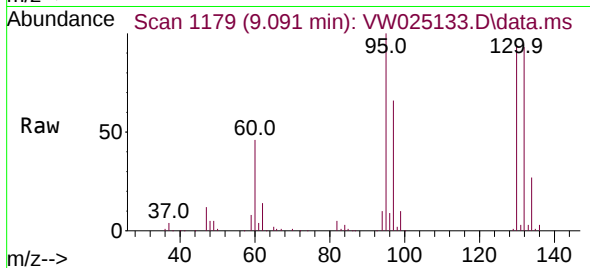
Ion Ratio Lower Upper

95 100

97 65.6 44.3 82.3

132 93.1 63.0 117.0

130 93.9 63.4 117.8



#35

Methylcyclohexane

Concen: 28.022 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025133.D

Acq: 12 Dec 2022 12:22

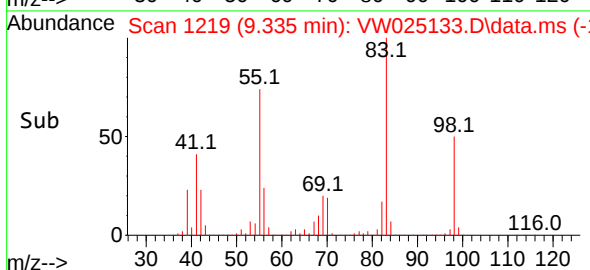
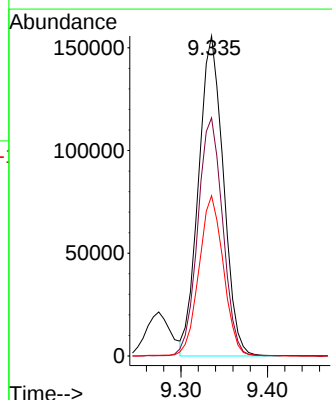
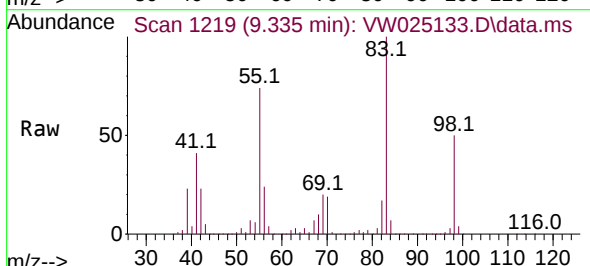
Tgt Ion: 83 Resp: 310057

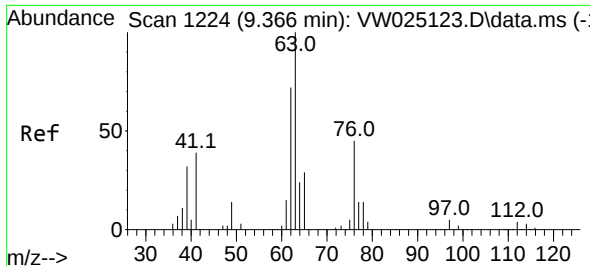
Ion Ratio Lower Upper

83 100

55 74.4 59.3 88.9

98 49.3 38.6 57.8

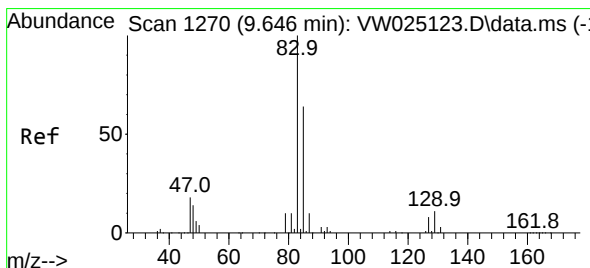
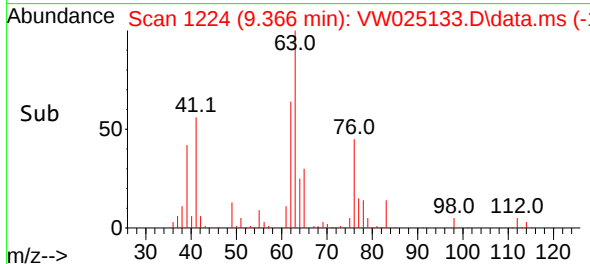
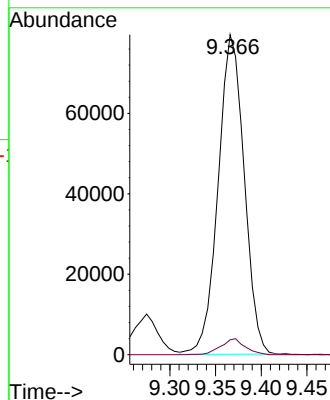
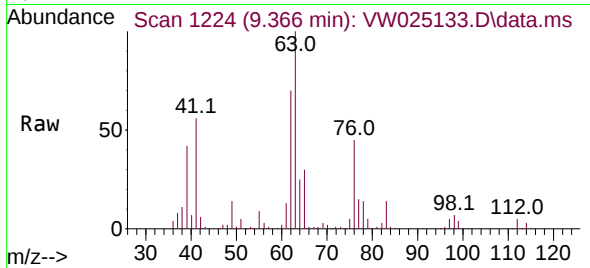




#37
1,2-Dichloropropane
Concen: 27.414 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

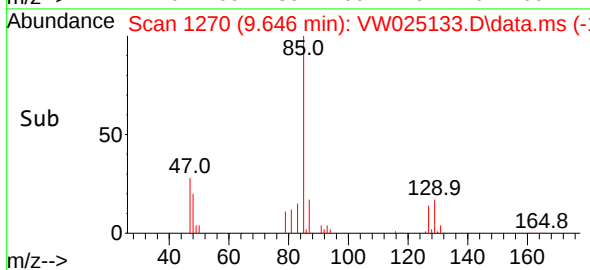
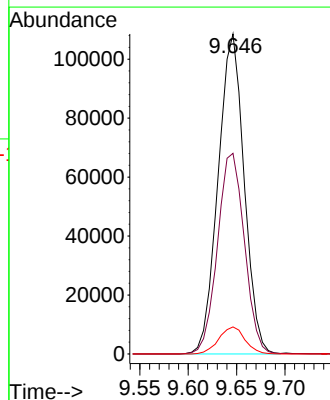
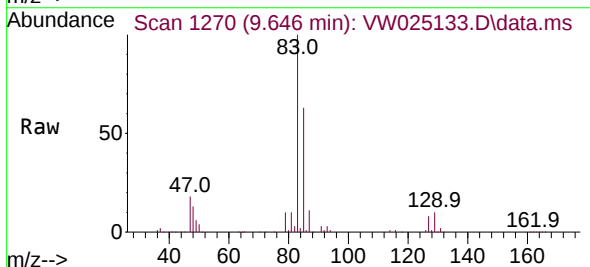
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

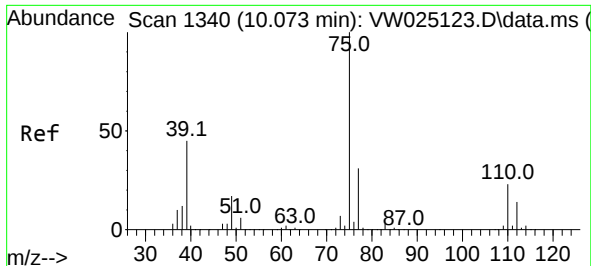
Tgt Ion: 63 Resp: 157467
Ion Ratio Lower Upper
63 100
112 4.6 3.4 5.2



#38
Bromodichloromethane
Concen: 26.740 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

Tgt Ion: 83 Resp: 202903
Ion Ratio Lower Upper
83 100
85 62.7 44.2 82.2
127 8.5 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 27.957 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW025133.D

Acq: 12 Dec 2022 12:22

Instrument :

MSVOA_W

ClientSampleId :

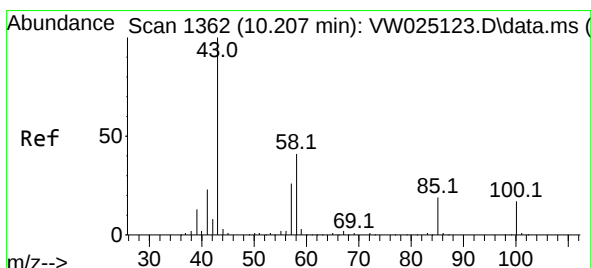
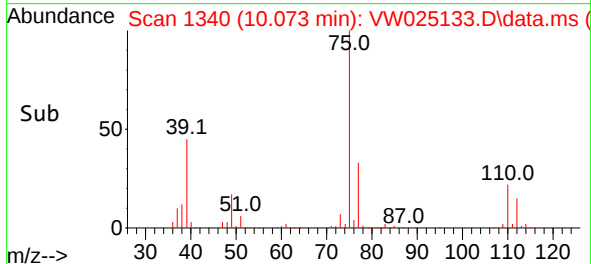
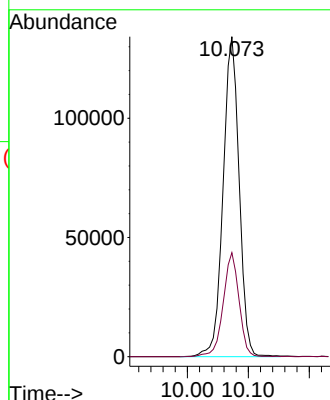
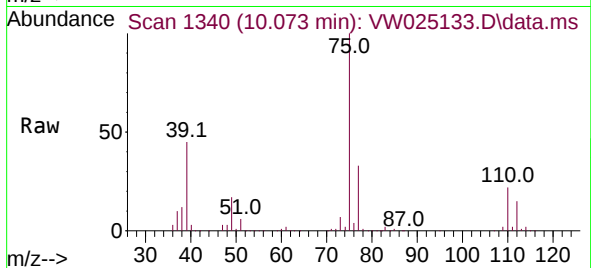
VSTD025508

Tgt Ion: 75 Resp: 245360

Ion Ratio Lower Upper

75 100

77 32.5 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 48.855 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW025133.D

Acq: 12 Dec 2022 12:22

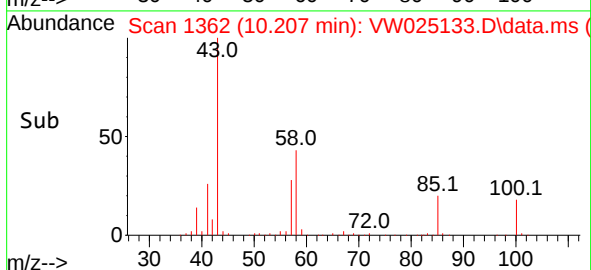
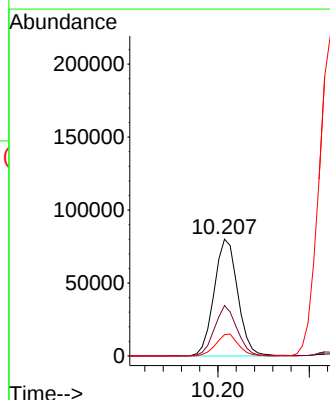
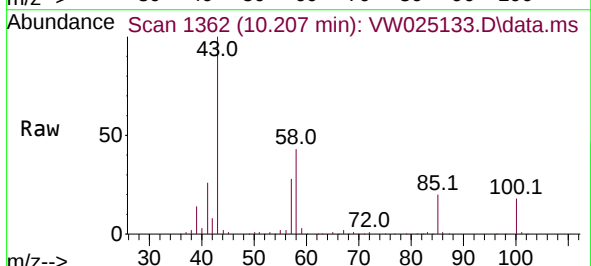
Tgt Ion: 43 Resp: 143852

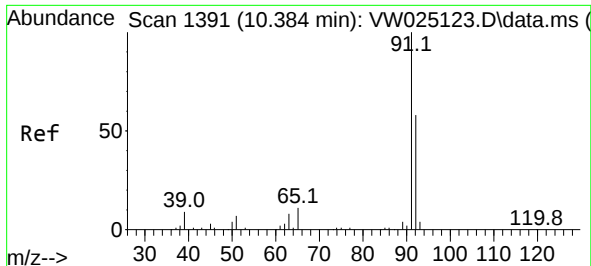
Ion Ratio Lower Upper

43 100

58 41.1 33.3 49.9

100 17.9 13.8 20.6

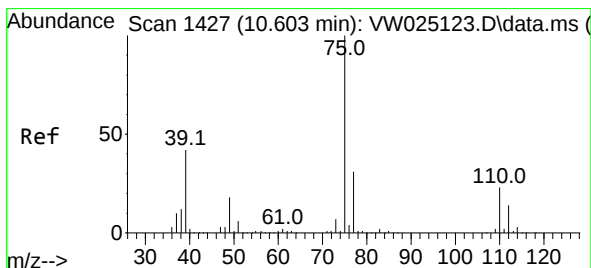
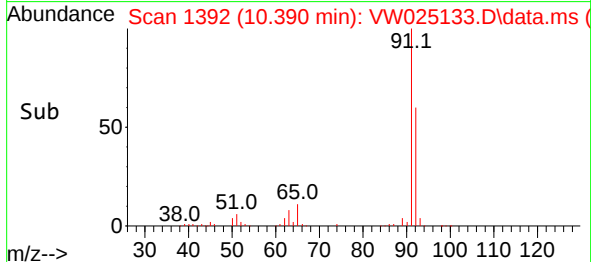
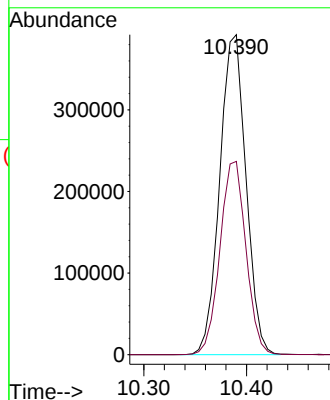
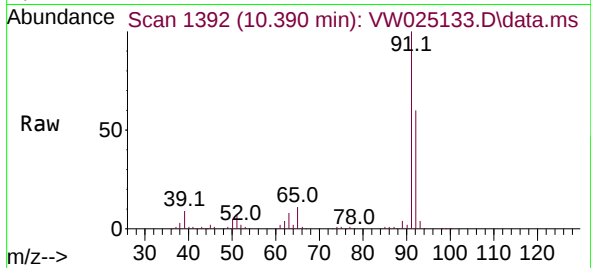




#42
Toluene
Concen: 27.873 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

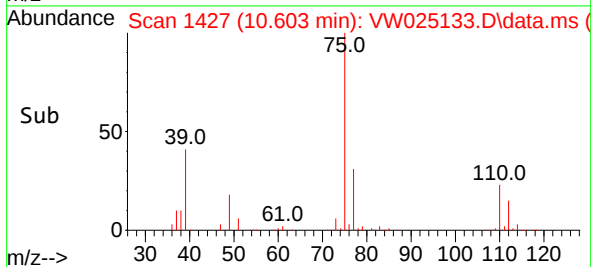
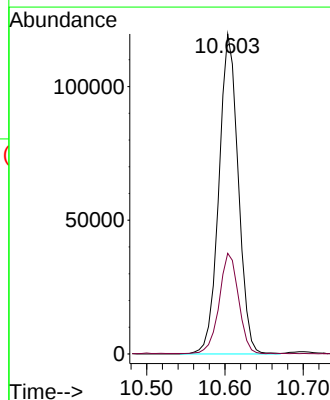
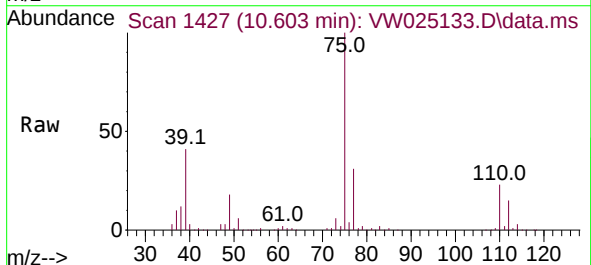
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

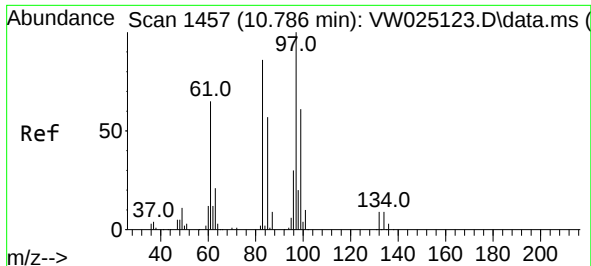
Tgt Ion: 91 Resp: 695490
Ion Ratio Lower Upper
91 100
92 60.4 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 27.328 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

Tgt Ion: 75 Resp: 205401
Ion Ratio Lower Upper
75 100
77 31.4 22.5 41.7

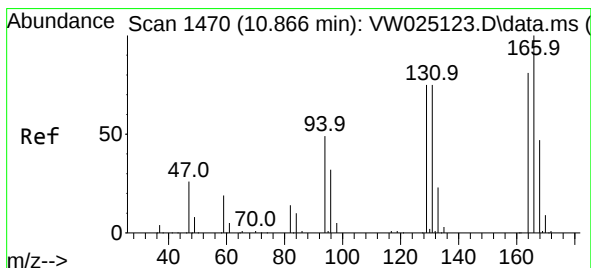
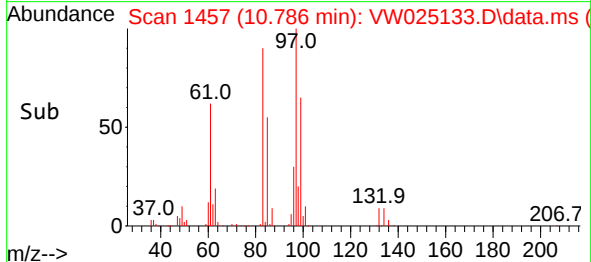
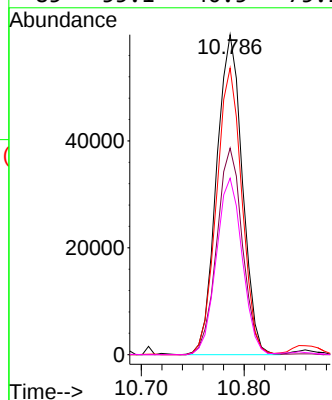
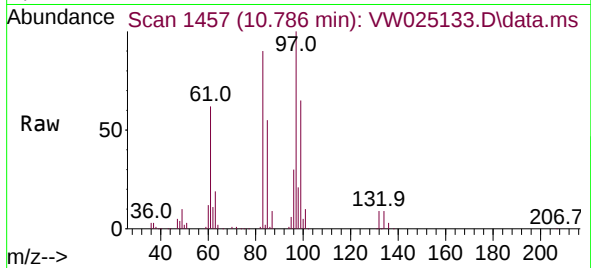




#45
1,1,2-Trichloroethane
Concen: 25.470 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

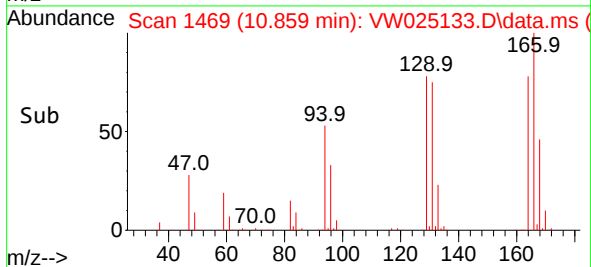
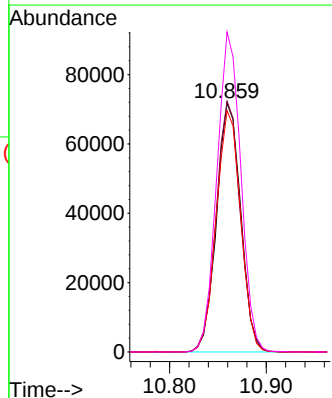
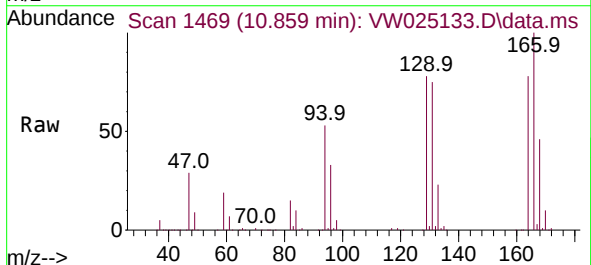
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

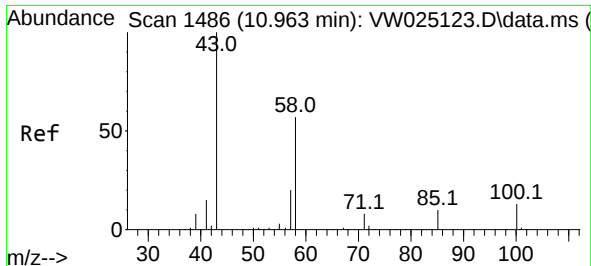
Tgt Ion: 97	Resp: 104402
Ion Ratio	Lower Upper
97 100	
99 64.5	44.3 82.3
83 89.6	61.3 113.9
85 55.1	40.5 75.1



#46
Tetrachloroethene
Concen: 27.432 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

Tgt	Ion:164	Resp:	124571
Ion	Ratio	Lower	Upper
164	100		
129	100.9	73.4	136.4
131	97.0	70.8	131.4
166	128.6	88.3	164.1

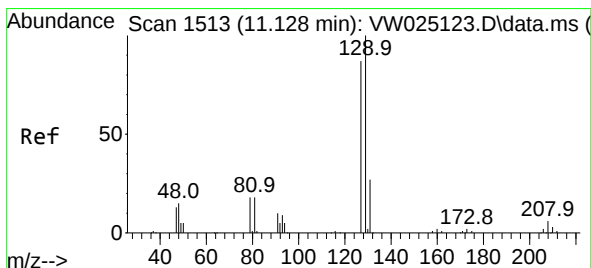
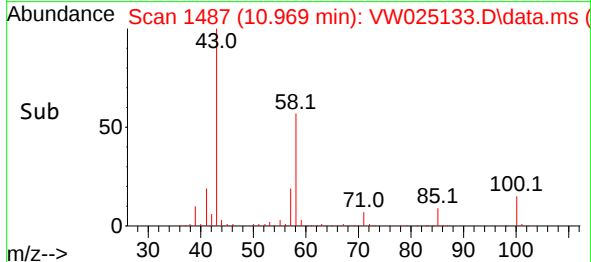
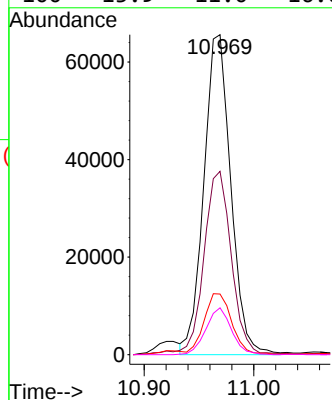
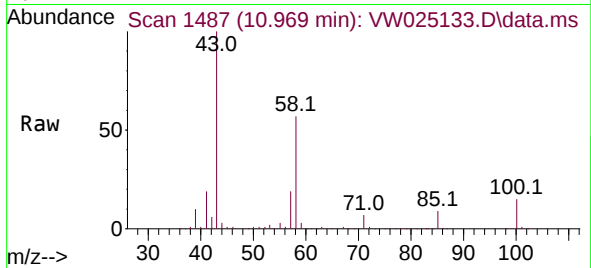




#48
2-Hexanone
Concen: 52.165 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

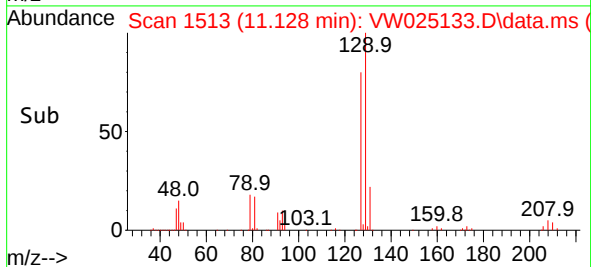
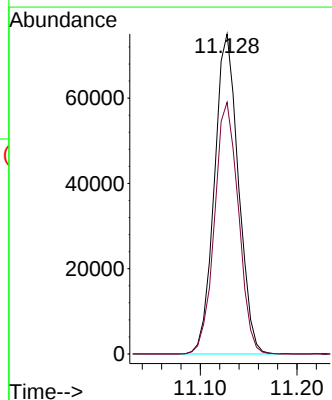
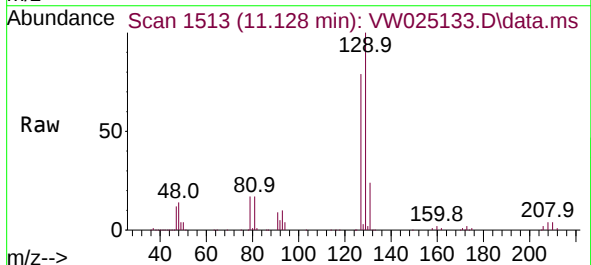
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

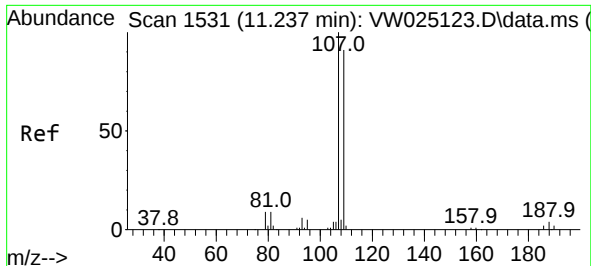
Tgt Ion: 43 Resp: 112191
Ion Ratio Lower Upper
43 100
58 57.1 46.6 69.8
57 19.4 16.7 25.1
100 13.9 11.0 16.6



#49
Dibromochloromethane
Concen: 26.231 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

Tgt Ion: 129 Resp: 129129
Ion Ratio Lower Upper
129 100
127 78.6 49.7 92.3





#50

1,2-Dibromoethane

Concen: 25.504 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025133.D

Acq: 12 Dec 2022 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD025508

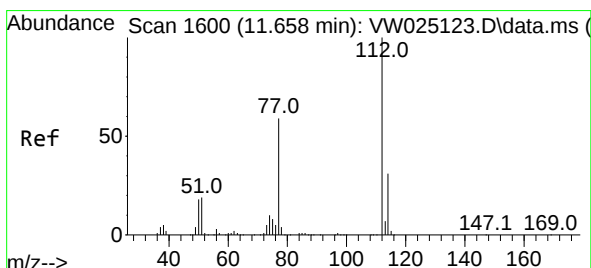
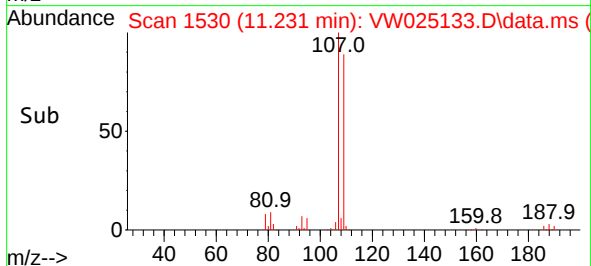
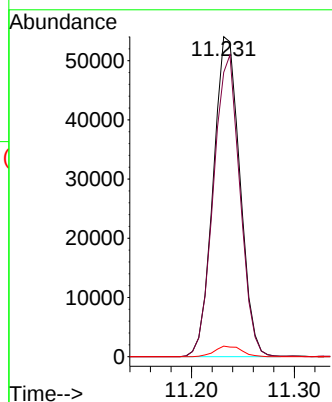
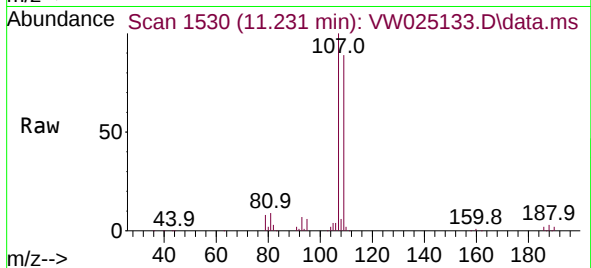
Tgt Ion:107 Resp: 97333

Ion Ratio Lower Upper

107 100

109 88.9 66.8 124.2

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 27.210 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW025133.D

Acq: 12 Dec 2022 12:22

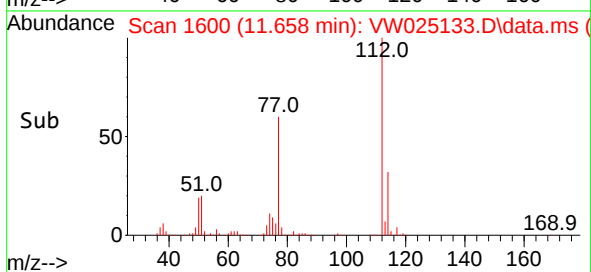
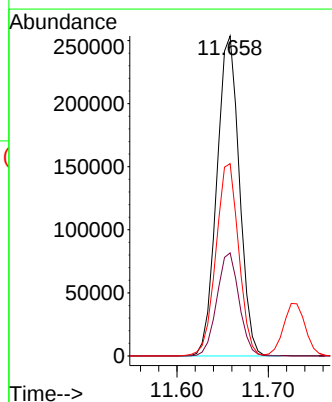
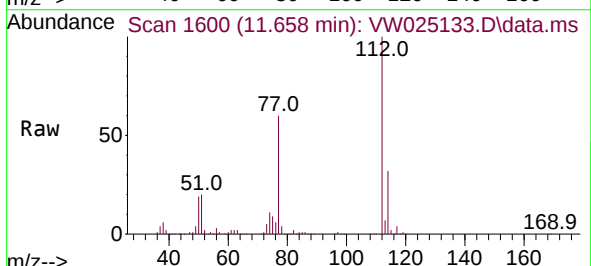
Tgt Ion:112 Resp: 434502

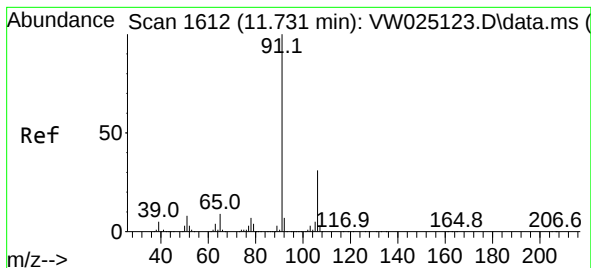
Ion Ratio Lower Upper

112 100

114 32.2 23.2 43.2

77 60.1 47.2 70.8

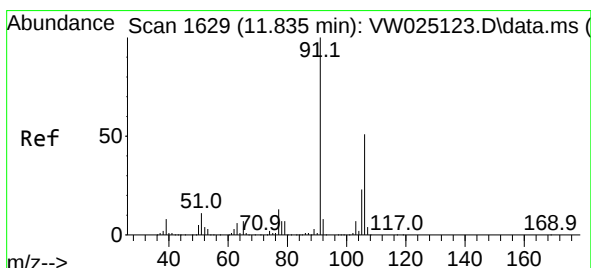
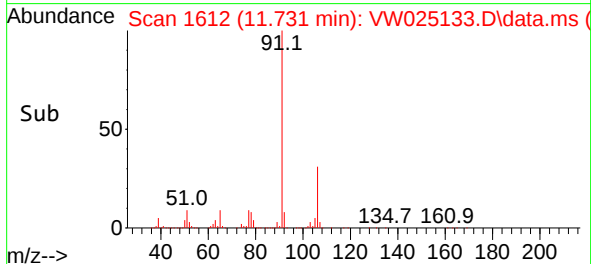
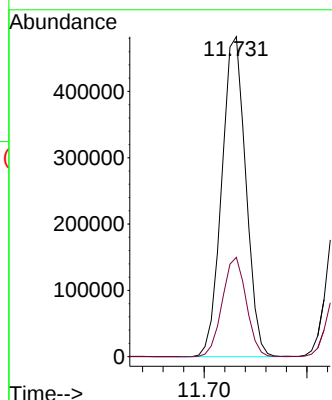
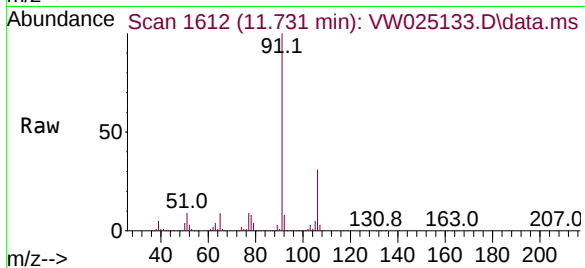




#52
Ethylbenzene
Concen: 27.710 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

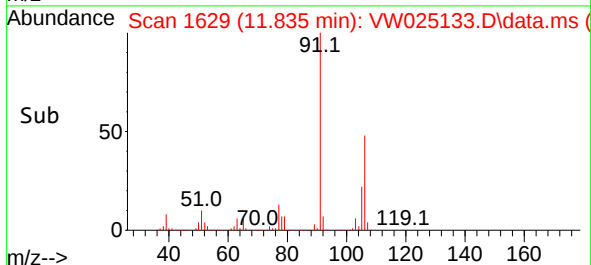
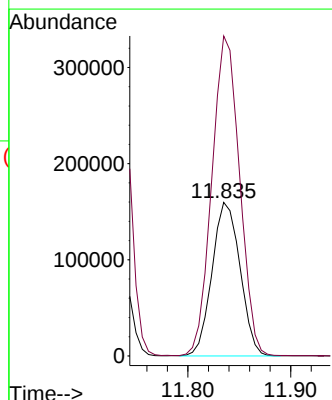
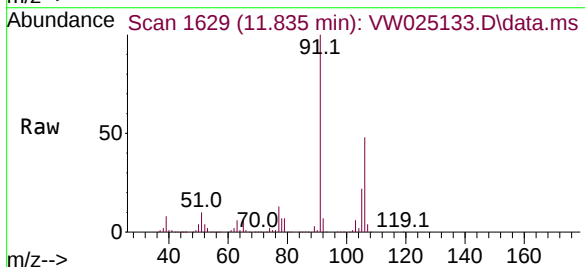
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

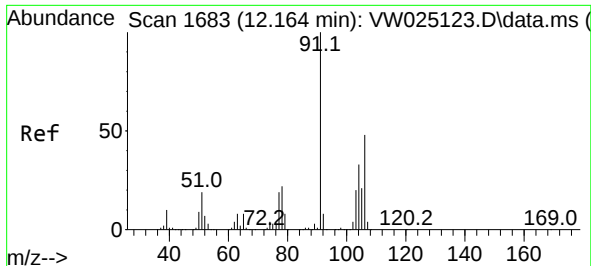
Tgt Ion: 91 Resp: 783535
Ion Ratio Lower Upper
91 100
106 31.0 21.9 40.7



#53
m,p-Xylene
Concen: 28.019 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

Tgt Ion:106 Resp: 302565
Ion Ratio Lower Upper
106 100
91 208.4 139.7 259.4

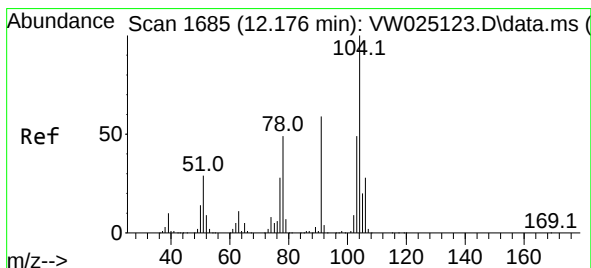
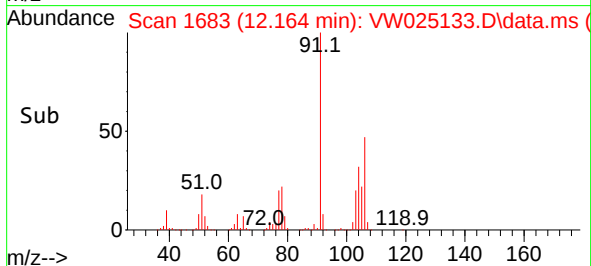
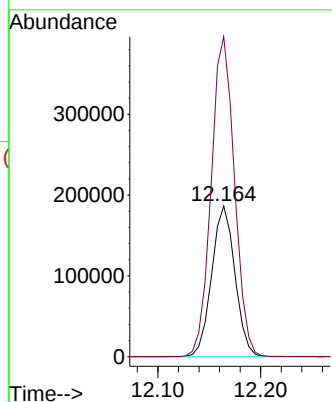
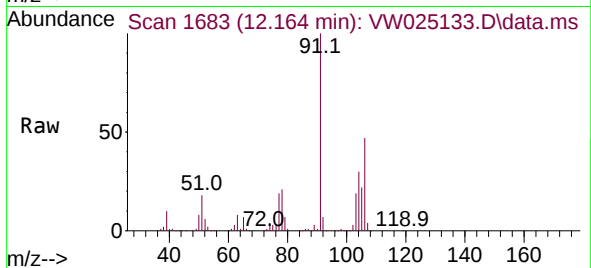




#54
o-Xylene
Concen: 28.391 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

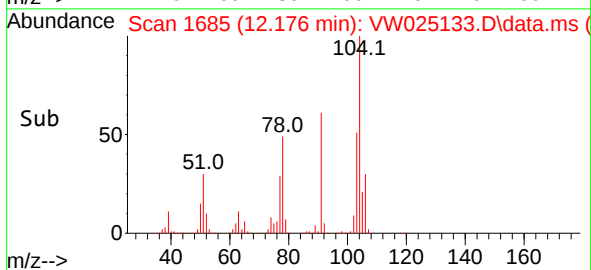
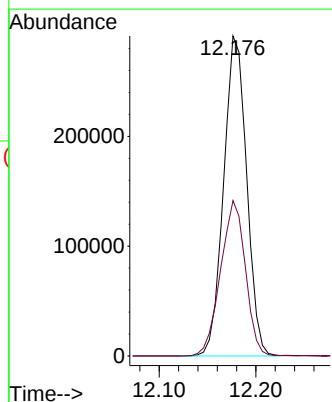
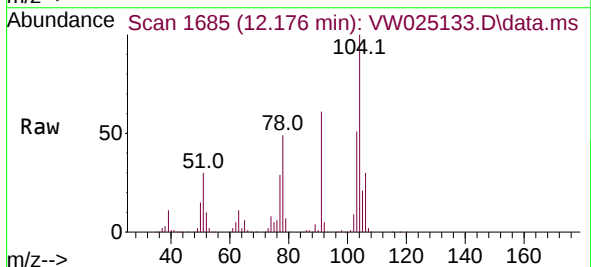
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

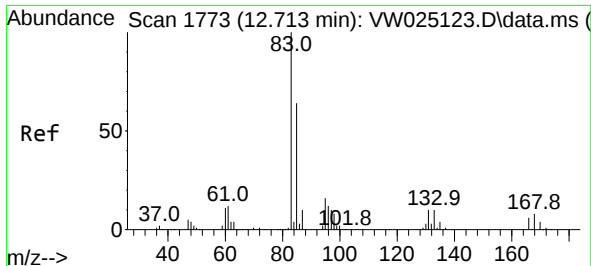
Tgt Ion:106 Resp: 292193
Ion Ratio Lower Upper
106 100
91 212.4 148.8 276.4



#55
Styrene
Concen: 27.618 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

Tgt Ion:104 Resp: 481347
Ion Ratio Lower Upper
104 100
78 48.6 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 24.908 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025133.D

Acq: 12 Dec 2022 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD025508

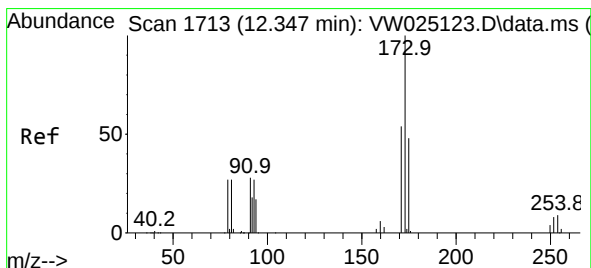
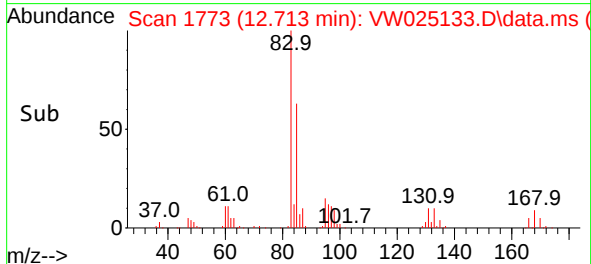
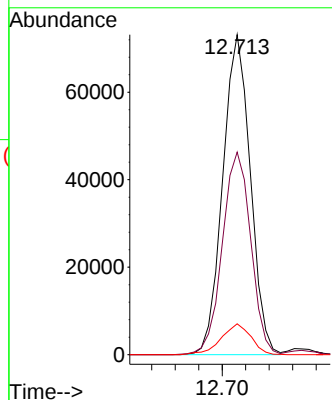
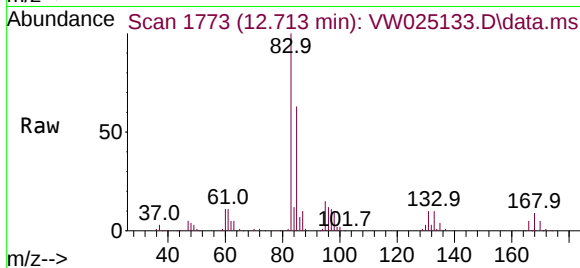
Tgt Ion: 83 Resp: 119401

Ion Ratio Lower Upper

83 100

85 63.3 46.8 87.0

131 9.7 8.2 12.2



#59

Bromoform

Concen: 25.129 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025133.D

Acq: 12 Dec 2022 12:22

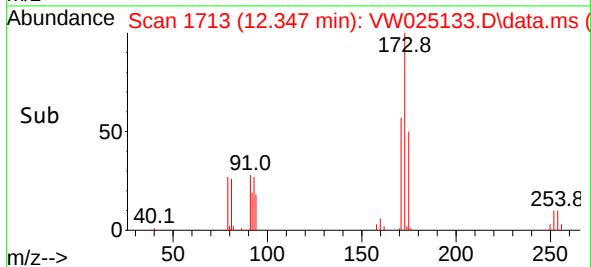
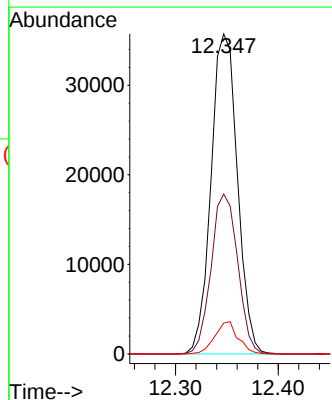
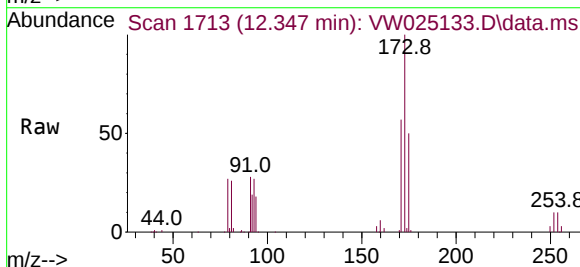
Tgt Ion:173 Resp: 63718

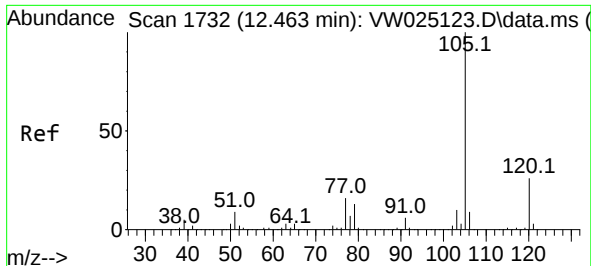
Ion Ratio Lower Upper

173 100

175 50.3 37.4 56.0

254 8.9 6.8 10.2

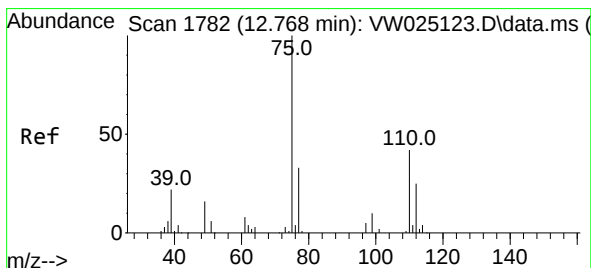
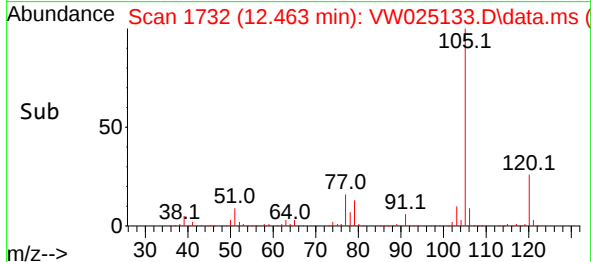
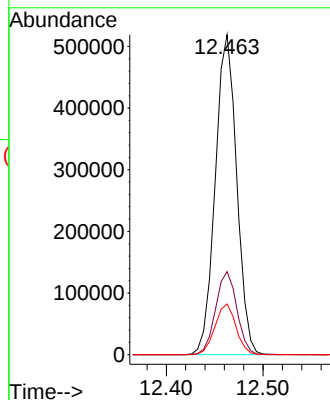
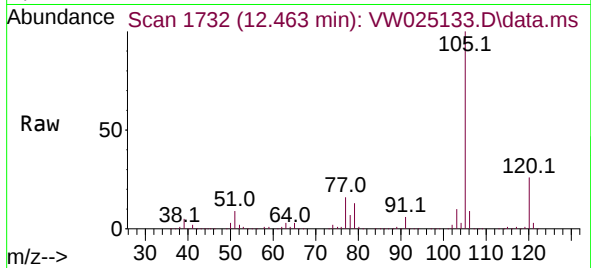




#60
Isopropylbenzene
Concen: 28.203 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

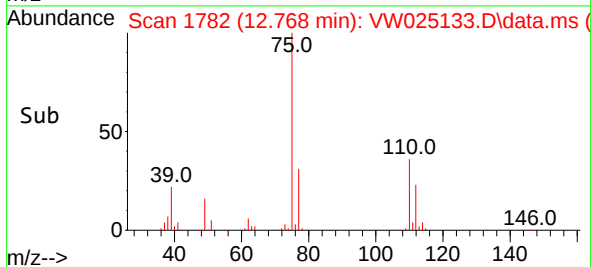
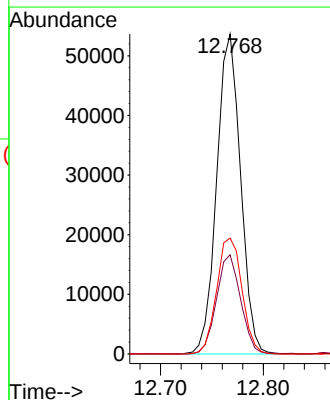
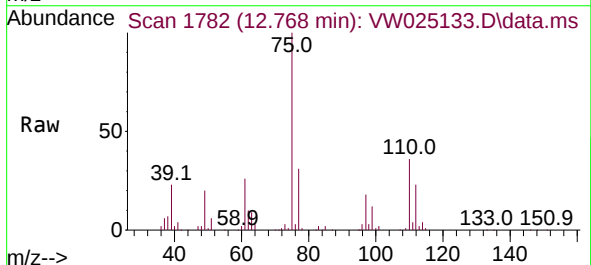
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

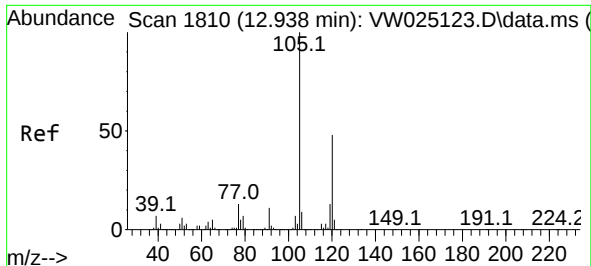
Tgt Ion:105 Resp: 798232
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 24.355 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

Tgt Ion: 75 Resp: 86439
Ion Ratio Lower Upper
75 100
77 31.4 26.6 40.0
110 38.4 31.7 47.5

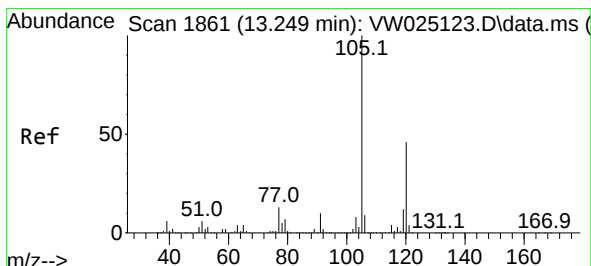
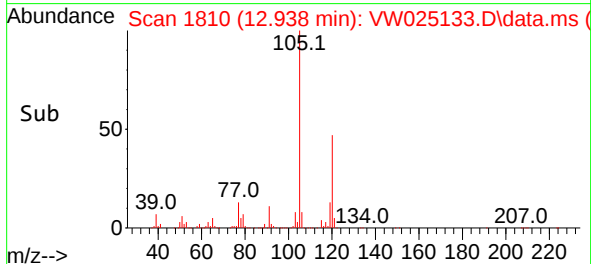
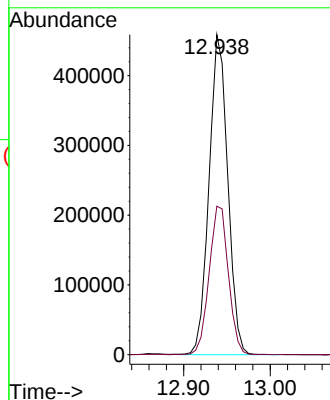
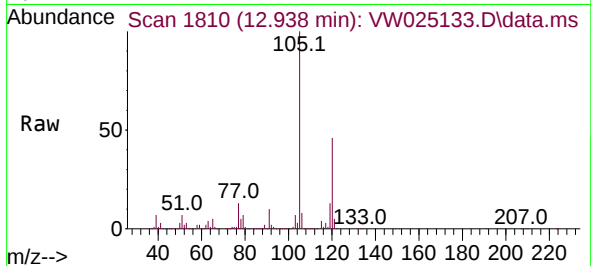




#62
 1,3,5-Trimethylbenzene
 Concen: 28.385 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.006 min
 Lab File: VW025133.D
 Acq: 12 Dec 2022 12:22

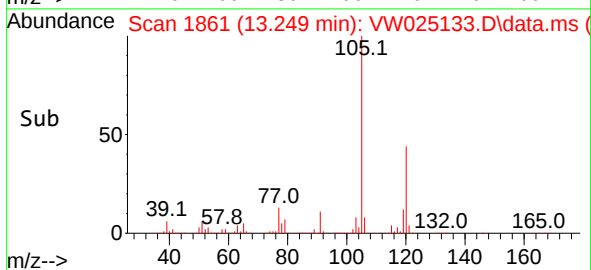
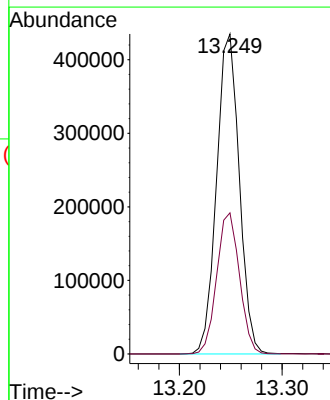
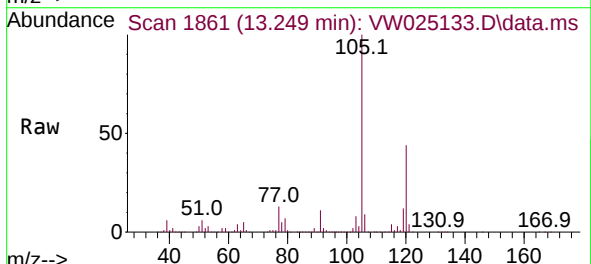
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025508

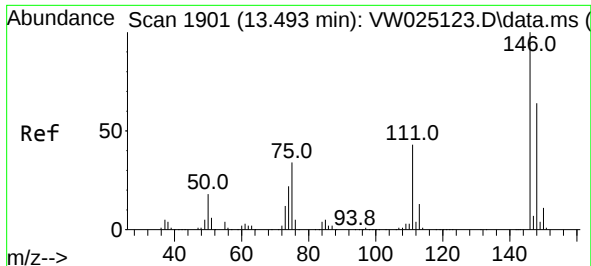
Tgt Ion:105 Resp: 688177
 Ion Ratio Lower Upper
 105 100
 120 47.7 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 28.267 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW025133.D
 Acq: 12 Dec 2022 12:22

Tgt Ion:105 Resp: 665765
 Ion Ratio Lower Upper
 105 100
 120 44.3 36.1 54.1

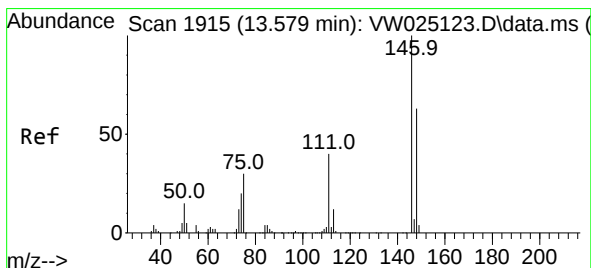
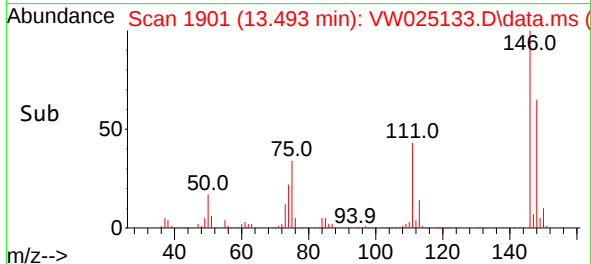
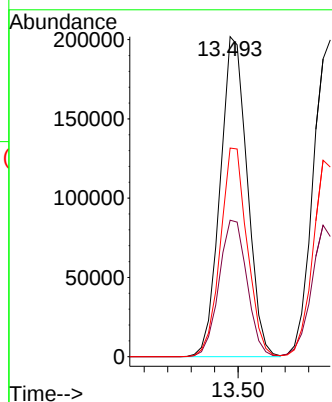
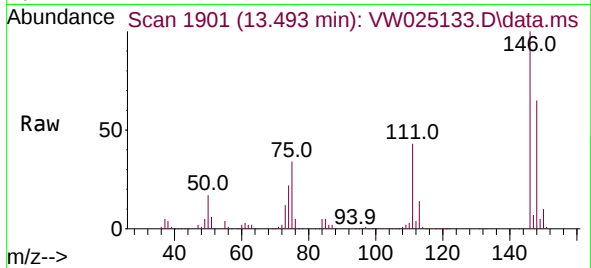




#64
1,3-Dichlorobenzene
Concen: 27.901 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

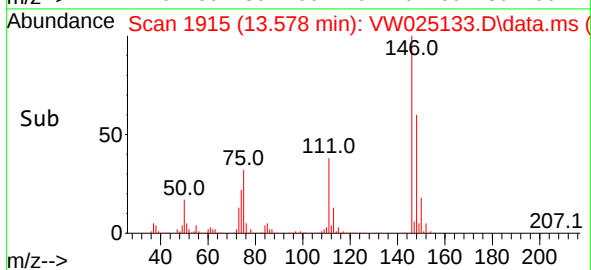
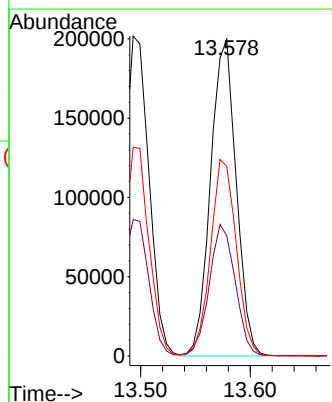
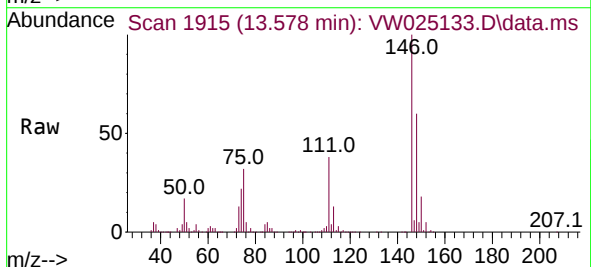
Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

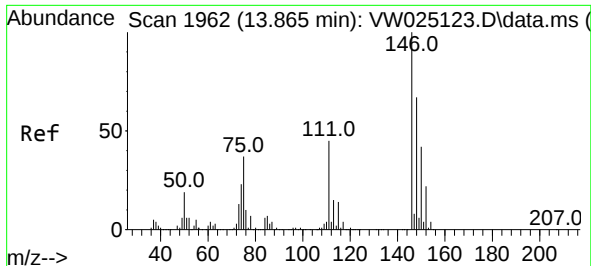
Tgt Ion:146 Resp: 323292
Ion Ratio Lower Upper
146 100
111 42.7 30.2 56.0
148 65.2 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 27.900 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW025133.D
Acq: 12 Dec 2022 12:22

Tgt Ion:146 Resp: 325558
Ion Ratio Lower Upper
146 100
111 37.9 27.4 51.0
148 59.9 41.6 77.3





#67

1,2-Dichlorobenzene

Concen: 27.604 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025133.D

Acq: 12 Dec 2022 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD025508

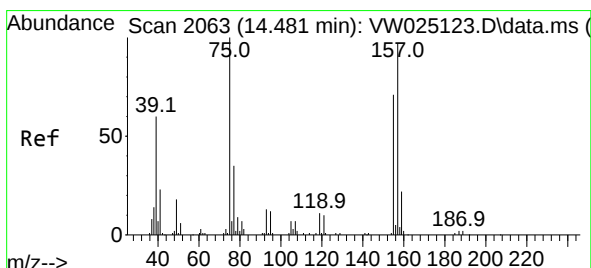
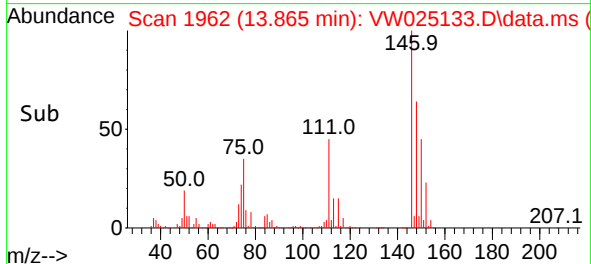
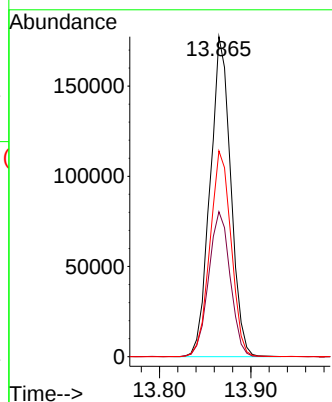
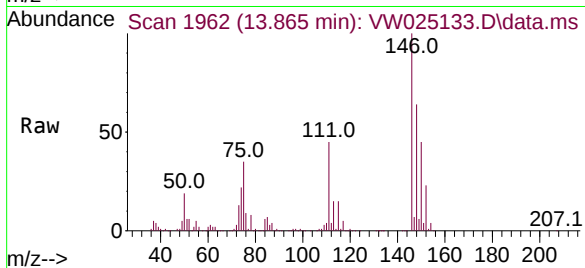
Tgt Ion:146 Resp: 278943

Ion Ratio Lower Upper

146 100

111 45.3 34.3 51.5

148 64.3 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.009 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025133.D

Acq: 12 Dec 2022 12:22

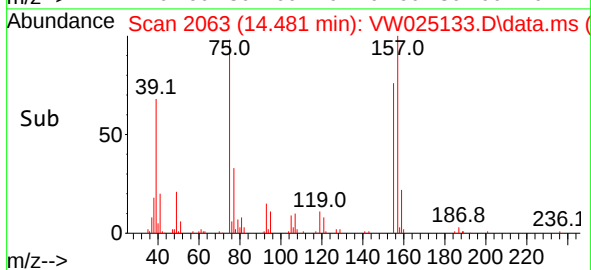
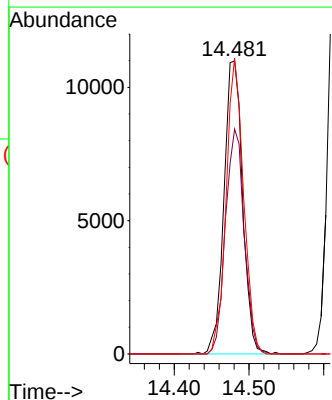
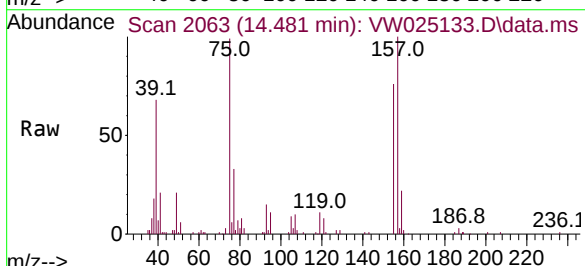
Tgt Ion: 75 Resp: 19040

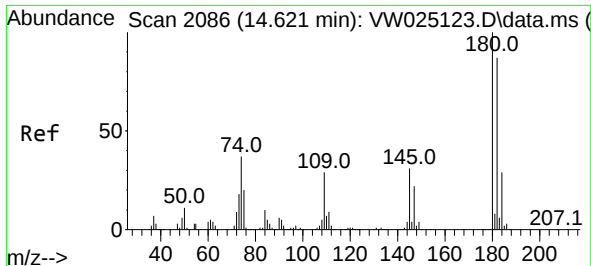
Ion Ratio Lower Upper

75 100

155 76.8 60.3 90.5

157 100.9 84.9 127.3

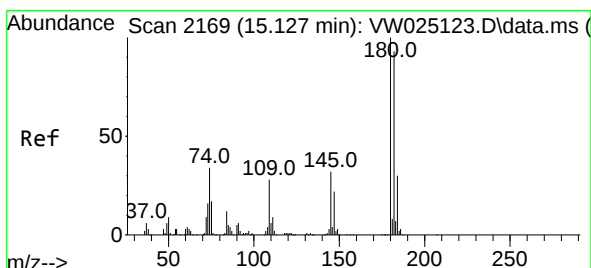
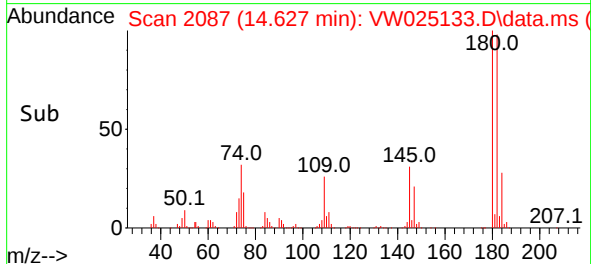
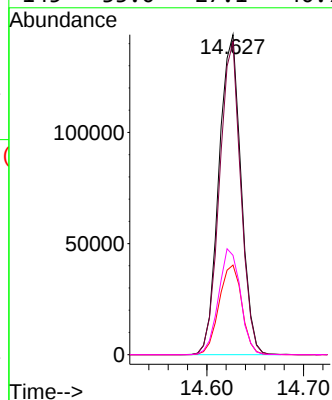
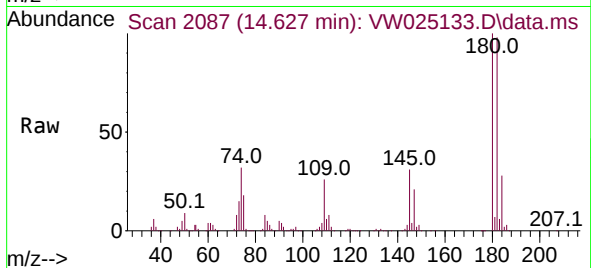




#69
 1,3,5-Trichlorobenzene
 Concen: 27.666 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.000 min
 Lab File: VW025133.D
 Acq: 12 Dec 2022 12:22

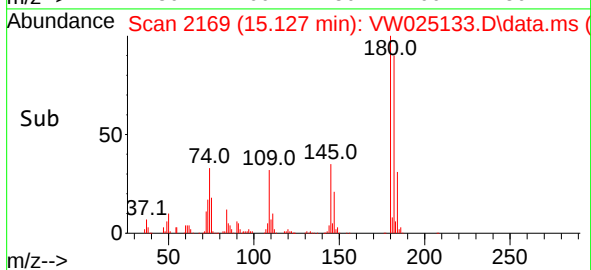
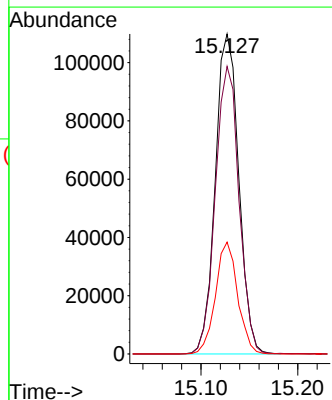
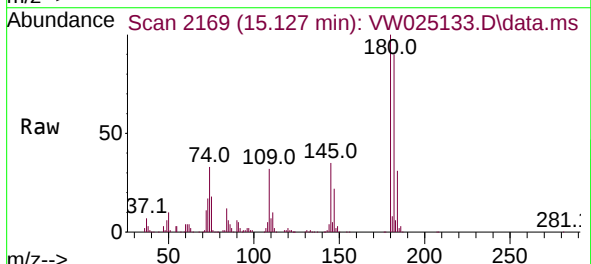
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025508

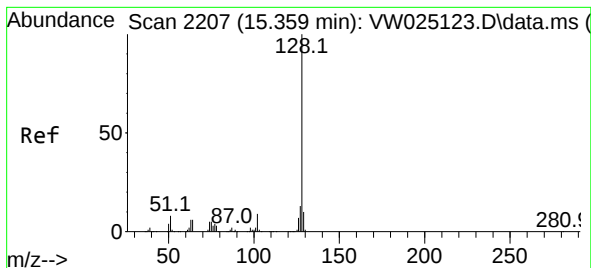
Tgt Ion:	180	Resp:	227623
Ion Ratio	Lower	Upper	
180	100		
182	94.3	77.8	116.6
184	29.0	24.3	36.5
145	33.0	27.1	40.7



#70
 1,2,4-trichlorobenzene
 Concen: 28.023 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW025133.D
 Acq: 12 Dec 2022 12:22

Tgt Ion:	180	Resp:	184993
Ion Ratio	Lower	Upper	
180	100		
182	90.9	77.2	115.8
145	33.1	26.9	40.3





#71

Naphthalene

Concen: 26.020 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW025133.D

Acq: 12 Dec 2022 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD025508

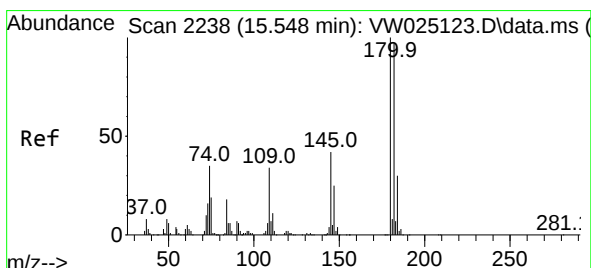
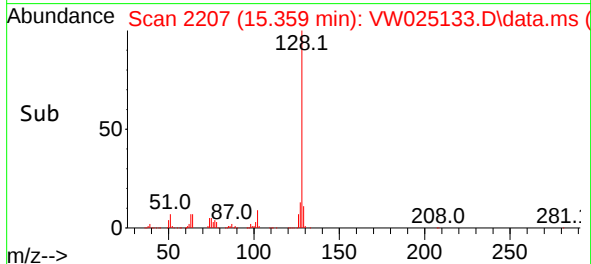
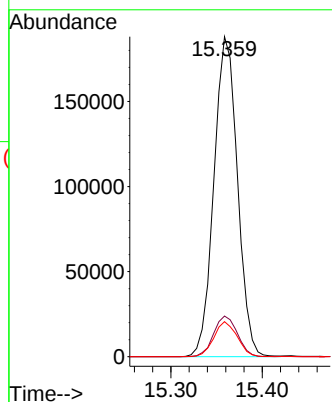
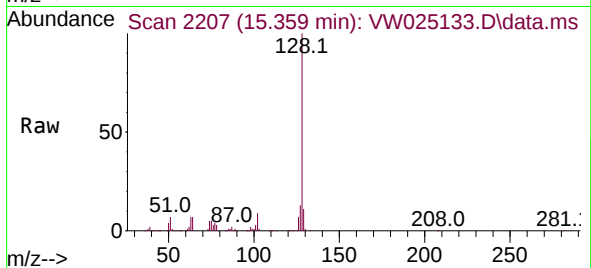
Tgt Ion:128 Resp: 336728

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 26.103 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW025133.D

Acq: 12 Dec 2022 12:22

Tgt Ion:180 Resp: 151011

Ion Ratio Lower Upper

180 100

182 92.1 76.4 114.6

145 37.1 29.6 44.4

