

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120822\
 Data File : VW025121.D
 Acq On : 08 Dec 2022 09:32
 Operator : SY/MD
 Sample : VSTD2.573
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5473

Quant Time: Dec 08 11:02:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 23 04:05:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	447076	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	394391	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	189837	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	13129	2.390	ug/L	-0.01
7) Chloroethane-d5	2.885	69	8193	2.282	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	28716	2.429	ug/L	0.00
21) 2-Butanone-d5	7.080	46	6312	5.529	ug/L	0.00
24) Chloroform-d	7.653	84	30512	2.645	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	15565	2.732	ug/L	0.00
32) Benzene-d6	8.275	84	58993	2.481	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	17598	2.560	ug/L	0.00
41) Toluene-d8	10.323	98	52305	2.423	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	7251	2.614	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	4613	5.282	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	13666	2.992	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	17298	2.673	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	5503	4.129	ug/L	98
3) Chloromethane	2.209	50	12729	2.578	ug/L	98
5) Vinyl chloride	2.355	62	15175	2.268	ug/L	99
6) Bromomethane	2.782	94	8345	2.566	ug/L	92
8) Chloroethane	2.922	64	6858	2.225	ug/L	99
9) Trichlorofluoromethane	3.257	101	10848	2.149	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	15352	2.540	ug/L #	34
12) 1,1-Dichloroethene	4.038	96	14369	2.435	ug/L	85
13) Acetone	4.123	43	7591	6.206	ug/L	66
14) Carbon disulfide	4.385	76	46989	2.375	ug/L	100
17) trans-1,2-Dichloroethene	5.422	96	14631	2.334	ug/L	89
18) Methyl tert-butyl Ether	5.428	73	22432	2.700	ug/L #	88
19) 1,1-Dichloroethane	6.214	63	27066	2.450	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	15667	2.413	ug/L	96
22) 2-Butanone	7.177	43	9605	6.233	ug/L	96
23) Bromochloromethane	7.525	128	6873	2.610	ug/L	77
25) Chloroform	7.677	83	27781	2.513	ug/L	96
27) 1,2-Dichloroethane	8.403	62	17886	2.680	ug/L	100
29) Cyclohexane	7.952	56	23756	2.188	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	23484	2.449	ug/L	97
31) Carbon tetrachloride	8.067	117	22282	2.560	ug/L	99
33) Benzene	8.323	78	63068	2.479	ug/L	100
34) Trichloroethene	9.092	95	16056	2.408	ug/L	90
35) Methylcyclohexane	9.335	83	28226	2.340	ug/L	98
37) 1,2-Dichloropropane	9.366	63	15203	2.483	ug/L	98
38) Bromodichloromethane	9.646	83	19660	2.514	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	20953	2.284	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	15242	5.636	ug/L	99
42) Toluene	10.384	91	63066	2.351	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	18508	2.470	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	11096	2.708	ug/L	97
46) Tetrachloroethene	10.866	164	12385	2.497	ug/L	88

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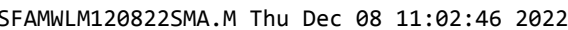
Instrument :
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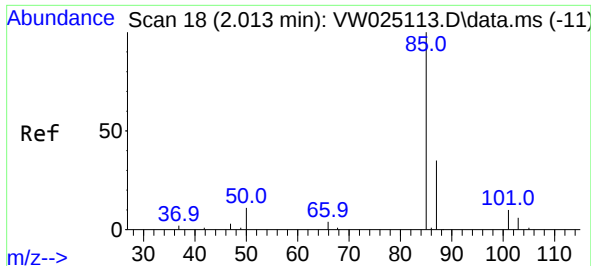
Quant Time: Dec 08 11:02:41 2022
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 Quant Title : SFAM01.0
 QLast Update : Wed Nov 23 04:05:02 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Hexanone	10.969	43	11079	5.671	ug/L	95
49) Dibromochloromethane	11.128	129	13330	2.723	ug/L	93
50) 1,2-Dibromoethane	11.238	107	10060	2.644	ug/L #	98
51) Chlorobenzene	11.652	112	41887	2.517	ug/L	95
52) Ethylbenzene	11.731	91	70320	2.329	ug/L	97
53) m,p-Xylene	11.841	106	26329	2.273	ug/L	98
54) o-Xylene	12.164	106	24933	2.305	ug/L	97
55) Styrene	12.176	104	41624	2.296	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	12810	2.832	ug/L	96
59) Bromoform	12.341	173	6538	2.687	ug/L	99
60) Isopropylbenzene	12.463	105	66092	2.152	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	9552	2.813	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	56176	2.140	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	54073	2.136	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	31161	2.507	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	30753	2.497	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	26744	2.485	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	2385	3.497	ug/L	91
69) 1,3,5-Trichlorobenzene	14.621	180	21026	2.629	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	15942	2.690	ug/L	98
71) Naphthalene	15.359	128	30402	2.799	ug/L	99
72) 1,2,3-Trichlorobenzene	15.542	180	15034	3.042	ug/L	98

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

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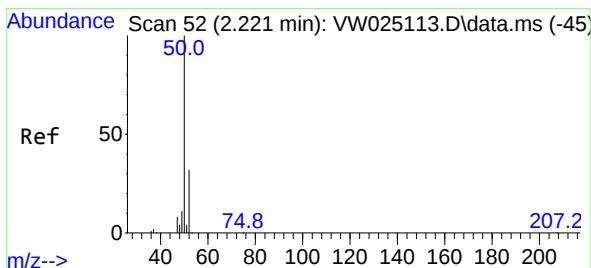
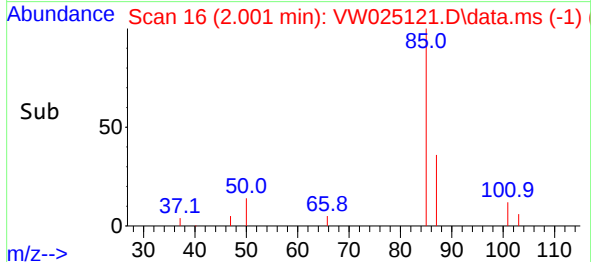
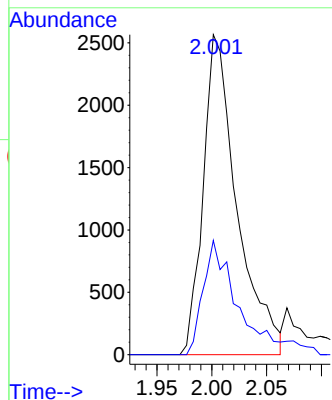
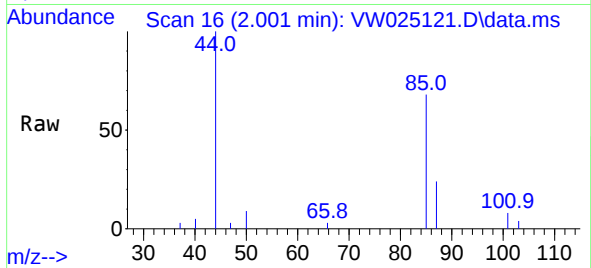




#2
Dichlorodifluoromethane
Concen: 4.129 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.012 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

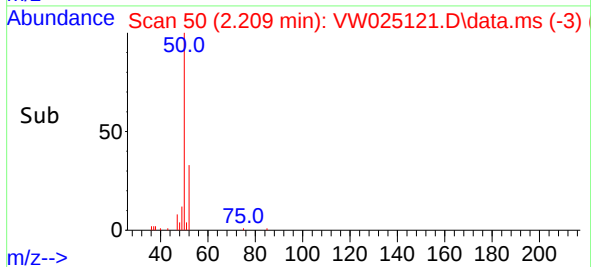
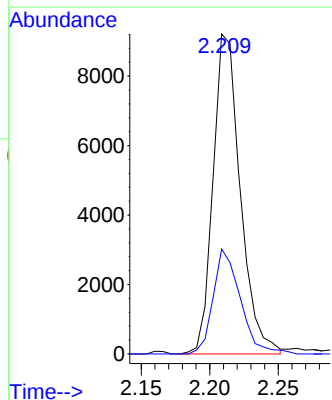
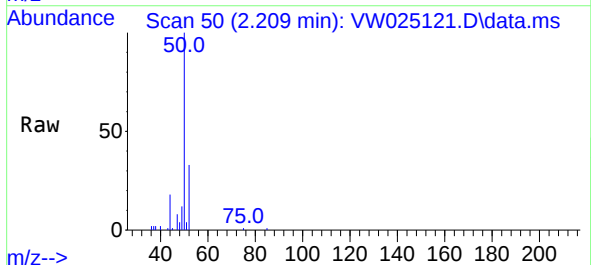
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5473

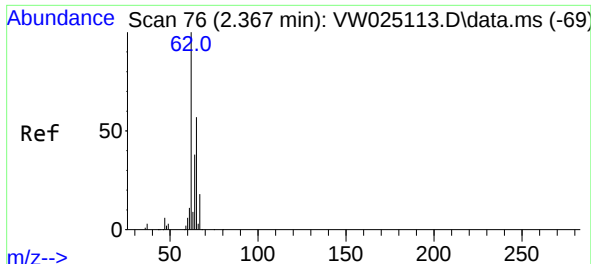
Tgt Ion: 85 Resp: 5503
Ion Ratio Lower Upper
85 100
87 32.6 25.0 37.6



#3
Chloromethane
Concen: 2.578 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.012 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

Tgt Ion: 50 Resp: 12729
Ion Ratio Lower Upper
50 100
52 32.8 22.1 41.1

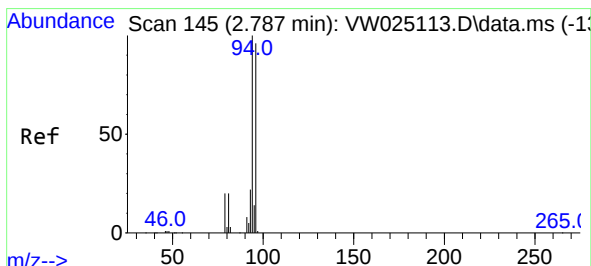
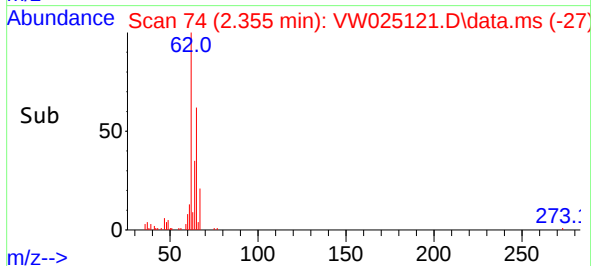
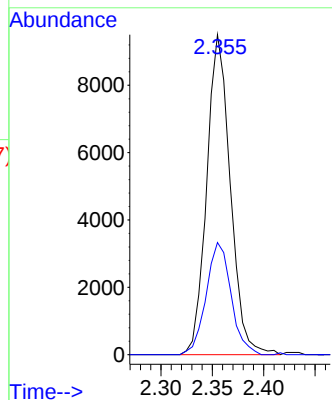
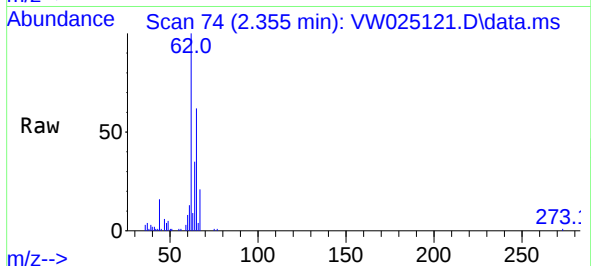




#5
Vinyl chloride
Concen: 2.268 ug/L
RT: 2.355 min Scan# 74
Delta R.T. -0.012 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

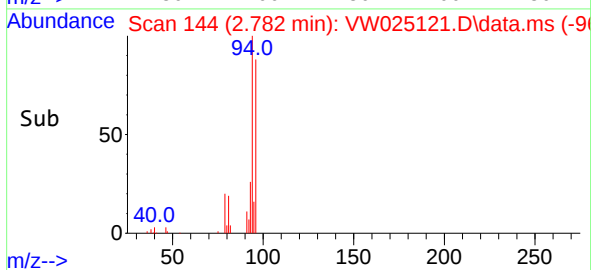
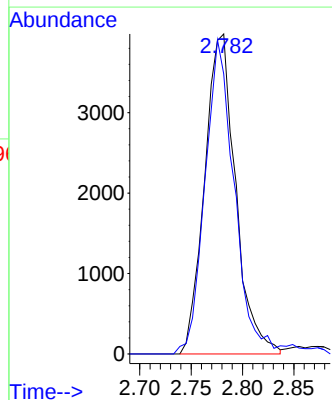
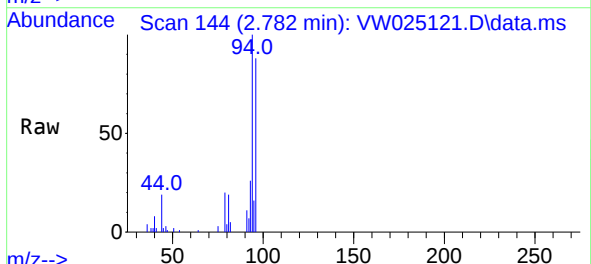
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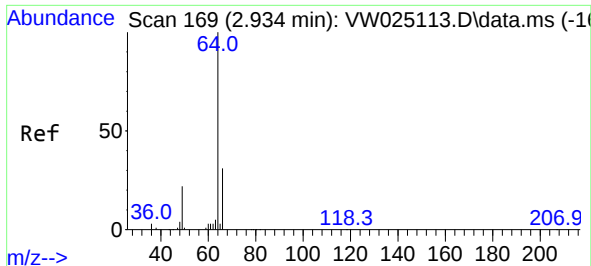
Tgt Ion: 62 Resp: 15175
Ion Ratio Lower Upper
62 100
64 35.1 24.8 46.1



#6
Bromomethane
Concen: 2.566 ug/L
RT: 2.782 min Scan# 144
Delta R.T. -0.006 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

Tgt Ion: 94 Resp: 8345
Ion Ratio Lower Upper
94 100
96 87.5 66.7 123.9

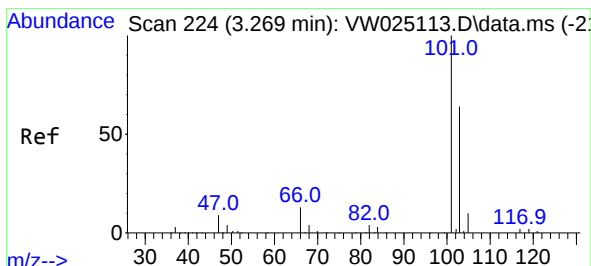
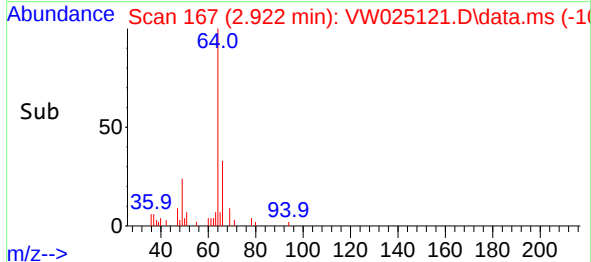
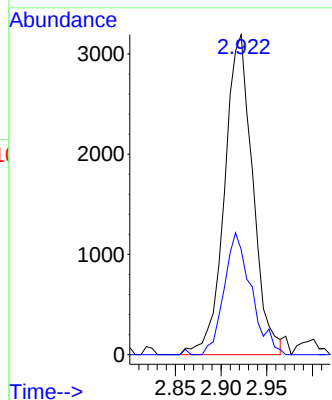
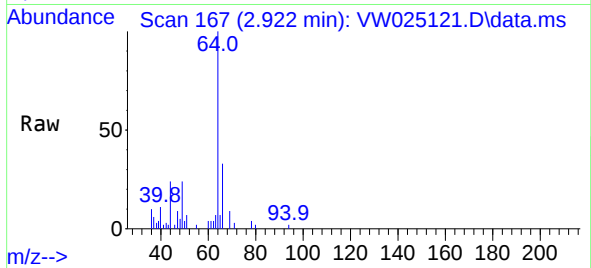




#8
Chloroethane
Concen: 2.225 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.012 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

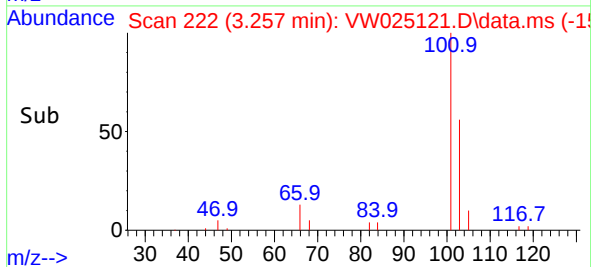
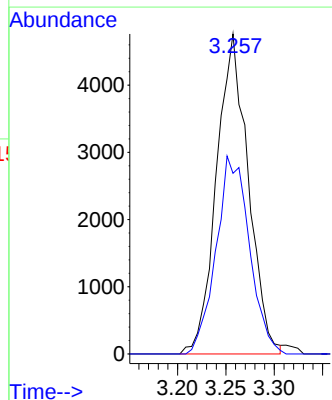
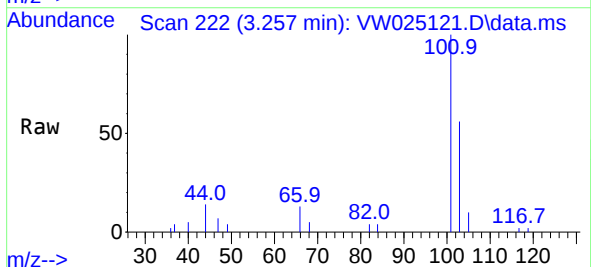
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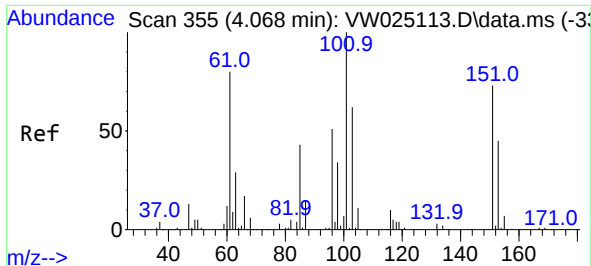
Tgt Ion: 64 Resp: 6858
Ion Ratio Lower Upper
64 100
66 32.9 22.7 42.1



#9
Trichlorofluoromethane
Concen: 2.149 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.012 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

Tgt Ion: 101 Resp: 10848
Ion Ratio Lower Upper
101 100
103 64.8 50.9 76.3

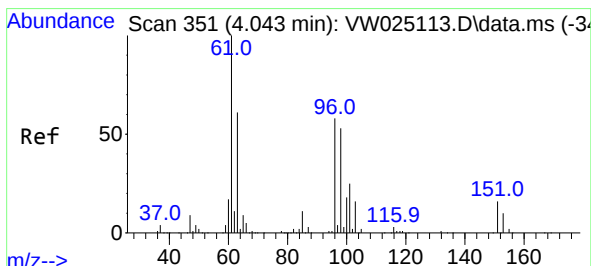
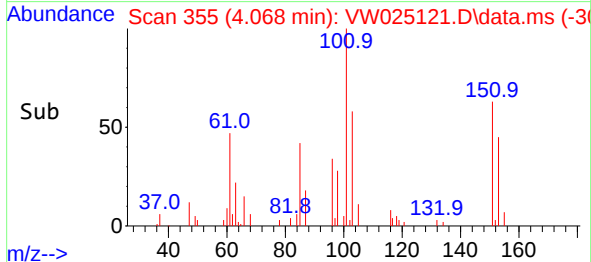
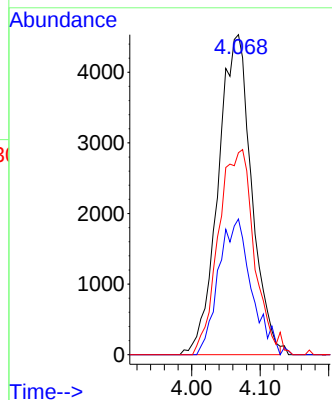
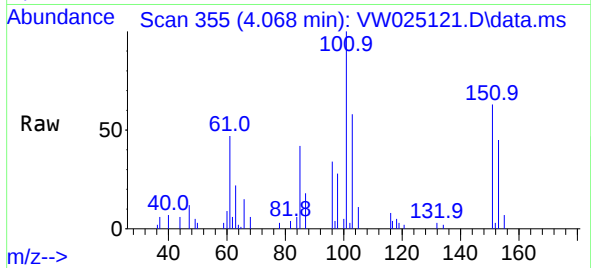




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.540 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW025121.D
 Acq: 08 Dec 2022 09:32

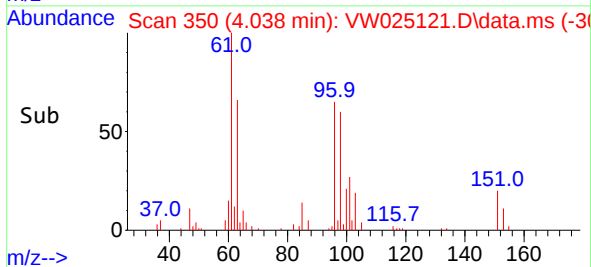
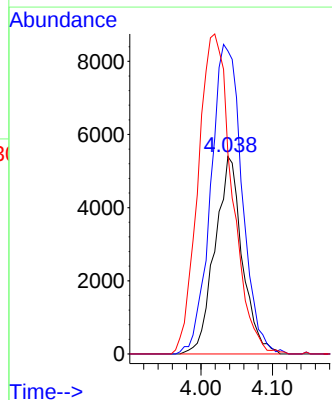
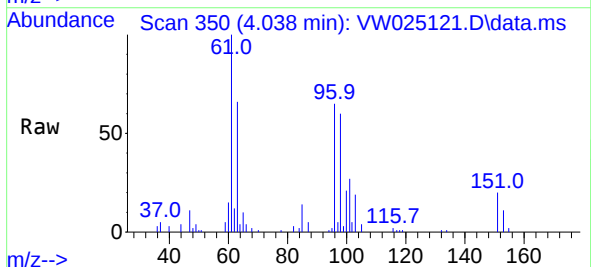
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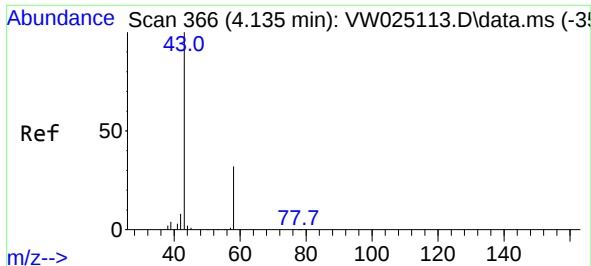
Tgt Ion:101 Resp: 15352
 Ion Ratio Lower Upper
 101 100
 85 22.8 34.6 52.0#
 151 0.0 57.7 86.5#



#12
 1,1-Dichloroethene
 Concen: 2.435 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW025121.D
 Acq: 08 Dec 2022 09:32

Tgt Ion: 96 Resp: 14369
 Ion Ratio Lower Upper
 96 100
 61 153.5 120.8 224.4
 63 101.8 84.1 156.1

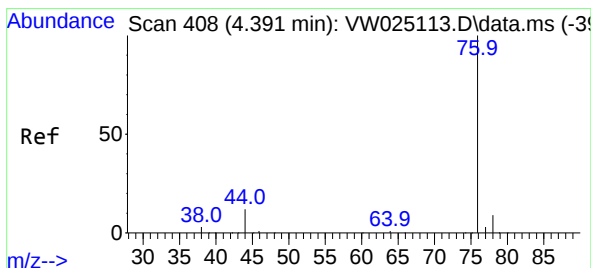
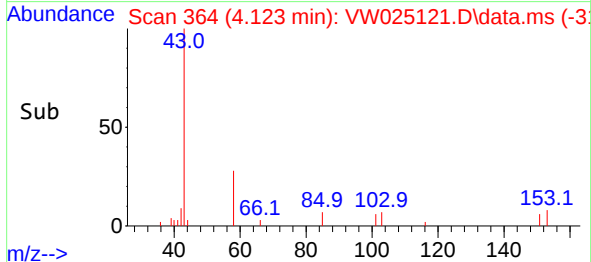
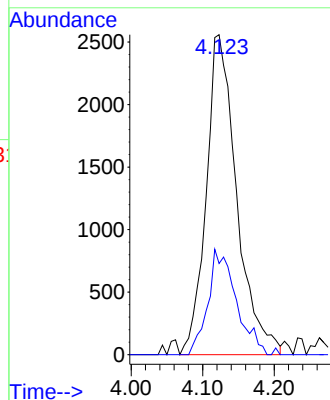
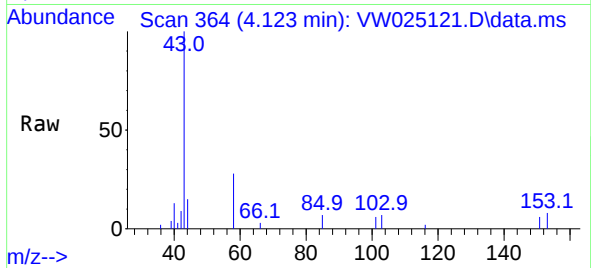




#13
Acetone
Concen: 6.206 ug/L
RT: 4.123 min Scan# 307
Delta R.T. -0.012 min
Lab File: VW025121.D
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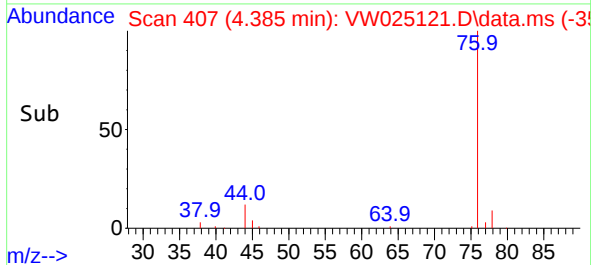
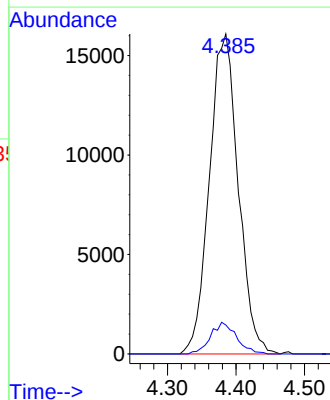
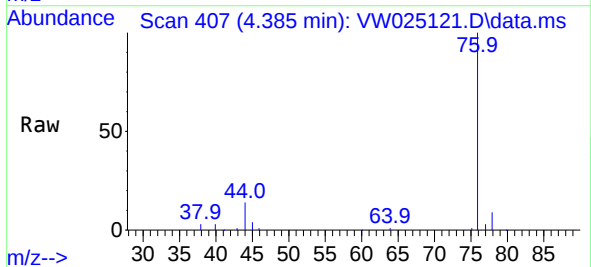
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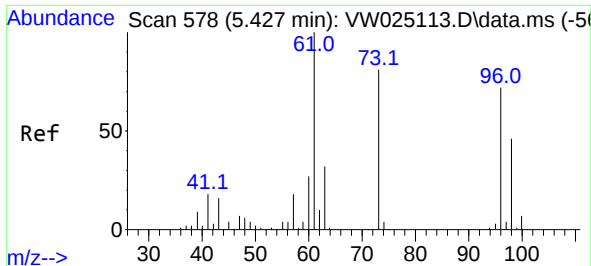
Tgt Ion: 43 Resp: 7591
Ion Ratio Lower Upper
43 100
58 13.7 0.0 65.2



#14
Carbon disulfide
Concen: 2.375 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

Tgt Ion: 76 Resp: 46989
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9





#17

trans-1,2-Dichloroethene

Concen: 2.334 ug/L

RT: 5.422 min Scan# 5

Delta R.T. -0.006 min

Lab File: VW025121.D

Acq: 08 Dec 2022 09:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5473

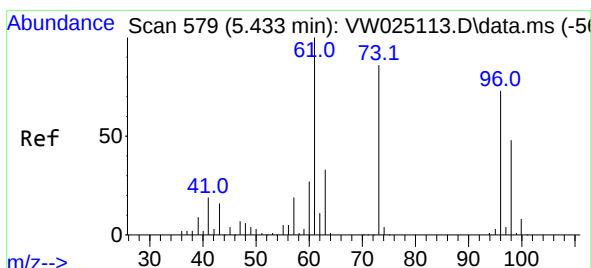
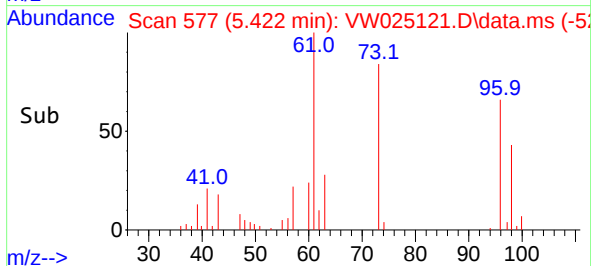
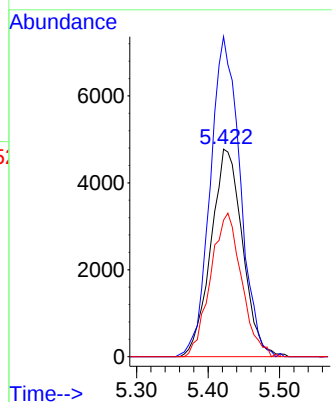
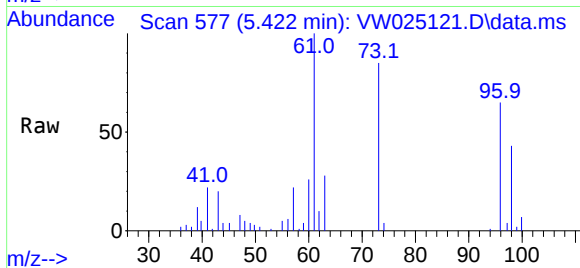
Tgt Ion: 96 Resp: 14631

Ion Ratio Lower Upper

96 100

61 154.2 95.5 177.3

98 65.8 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 2.700 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.006 min

Lab File: VW025121.D

Acq: 08 Dec 2022 09:32

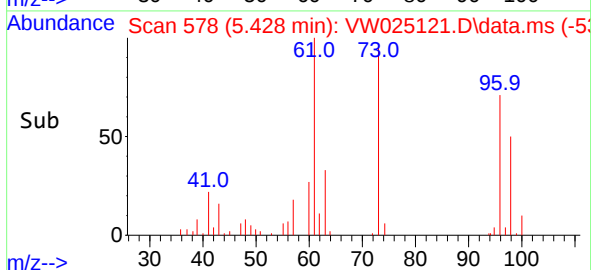
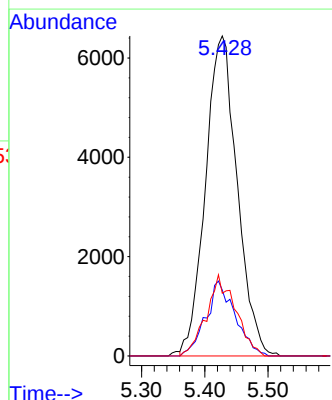
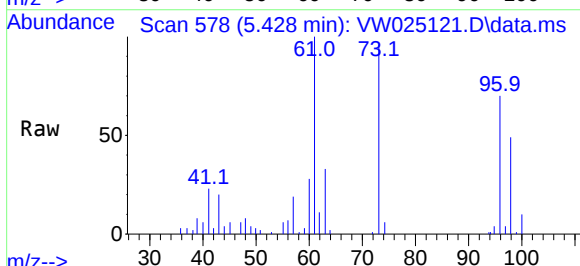
Tgt Ion: 73 Resp: 22432

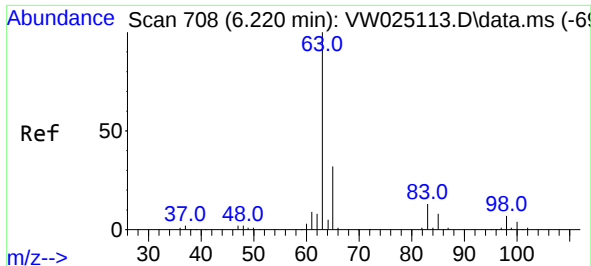
Ion Ratio Lower Upper

73 100

43 17.3 15.6 23.4

57 13.2 17.5 26.3#





#19

1,1-Dichloroethane

Concen: 2.450 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW025121.D

Acq: 08 Dec 2022 09:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5473

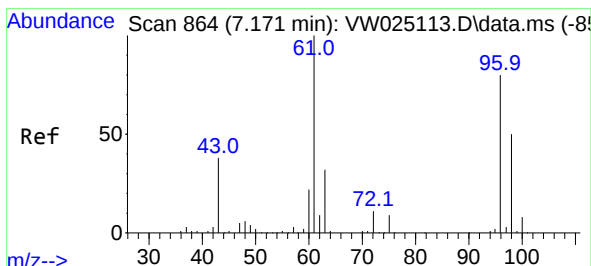
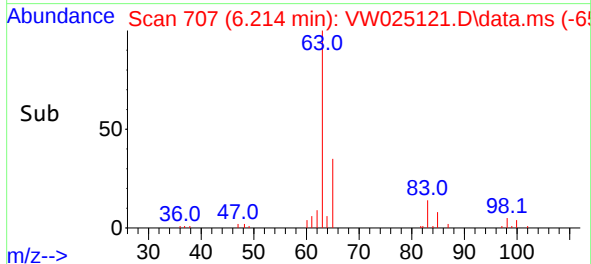
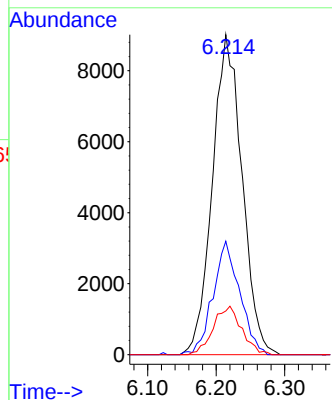
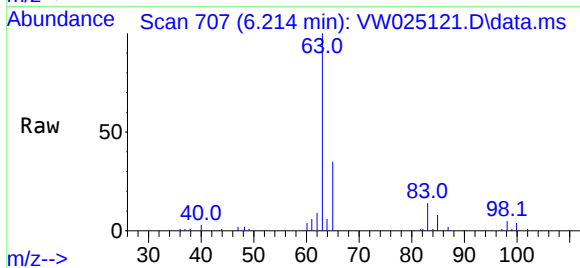
Tgt Ion: 63 Resp: 27066

Ion Ratio Lower Upper

63 100

65 35.5 22.2 41.2

83 13.6 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 2.413 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW025121.D

Acq: 08 Dec 2022 09:32

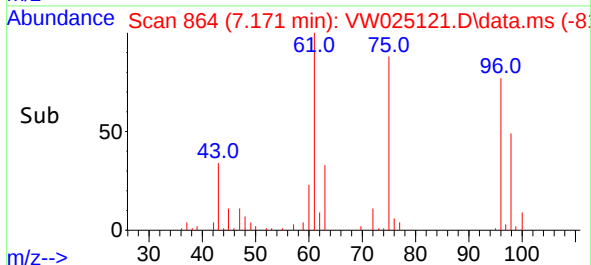
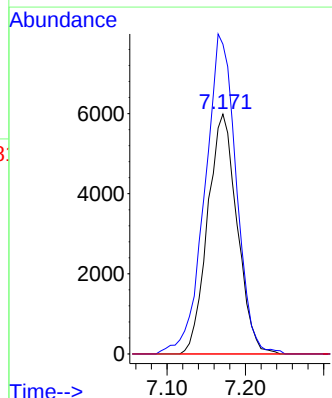
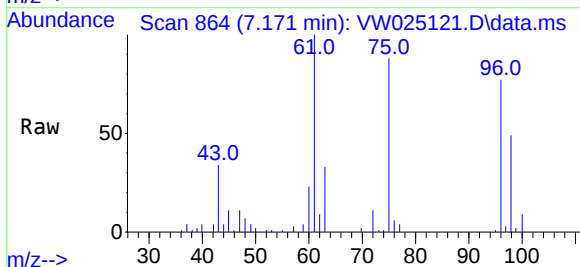
Tgt Ion: 96 Resp: 15667

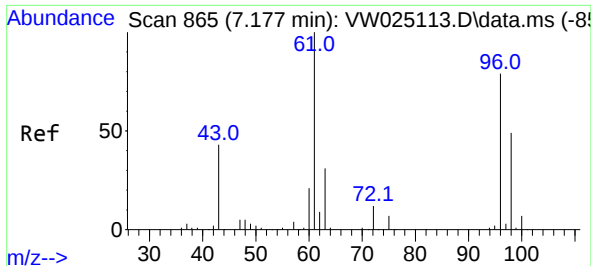
Ion Ratio Lower Upper

96 100

61 129.1 93.7 173.9

68 0.0 0.0 0.0

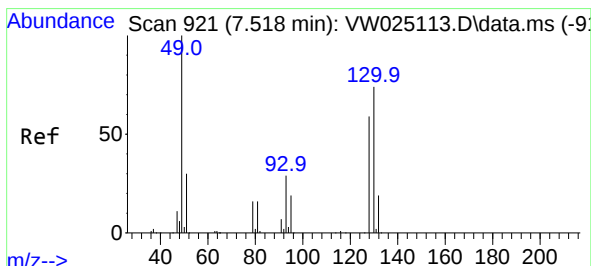
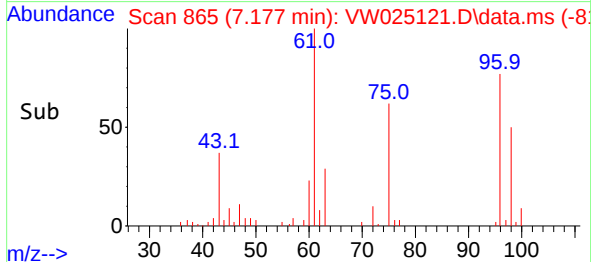
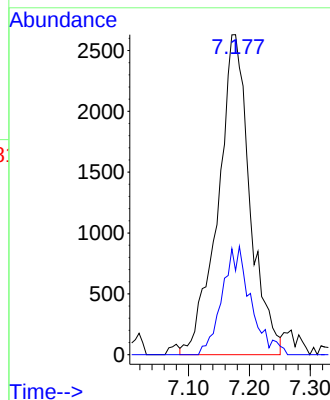
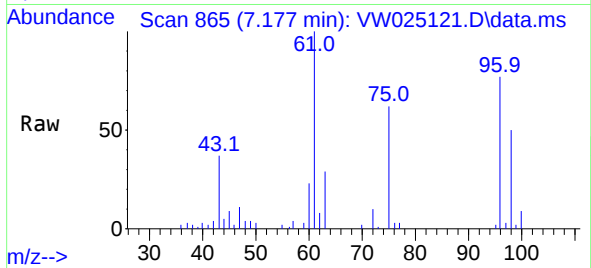




#22
2-Butanone
Concen: 6.233 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

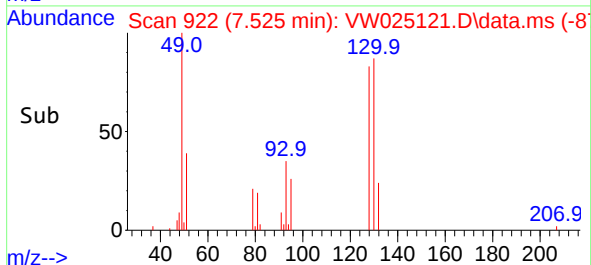
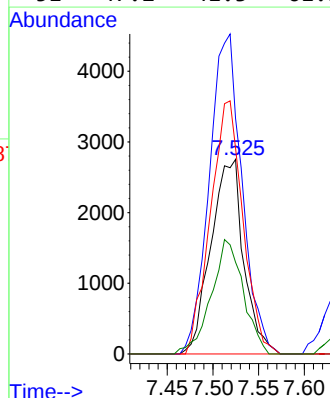
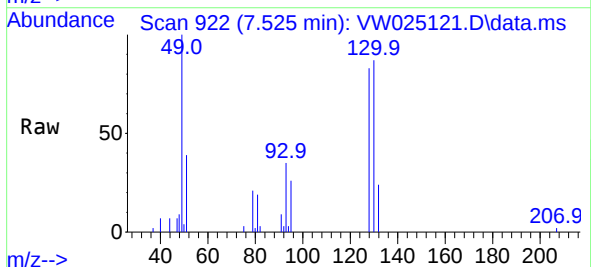
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5473

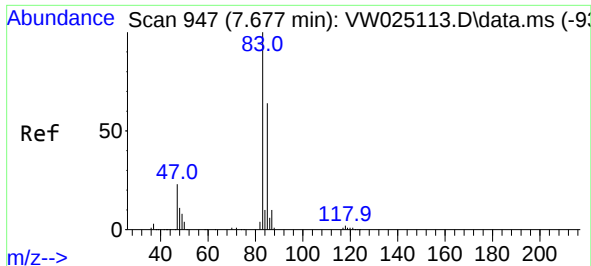
Tgt Ion: 43 Resp: 9605
Ion Ratio Lower Upper
43 100
72 28.0 15.0 45.0



#23
Bromochloromethane
Concen: 2.610 ug/L
RT: 7.525 min Scan# 922
Delta R.T. 0.006 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

Tgt Ion: 128 Resp: 6873
Ion Ratio Lower Upper
128 100
49 121.1 114.1 211.9
130 105.8 89.0 165.2
51 47.2 41.3 61.9





#25

Chloroform

Concen: 2.513 ug/L

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW025121.D

Acq: 08 Dec 2022 09:32

Instrument :

MSVOA_W

ClientSampleId :

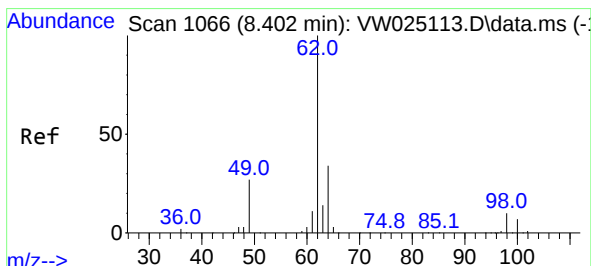
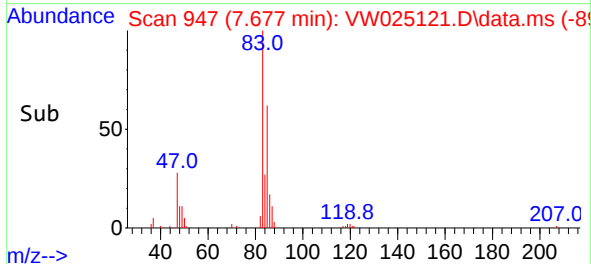
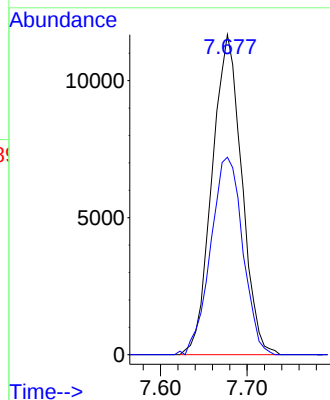
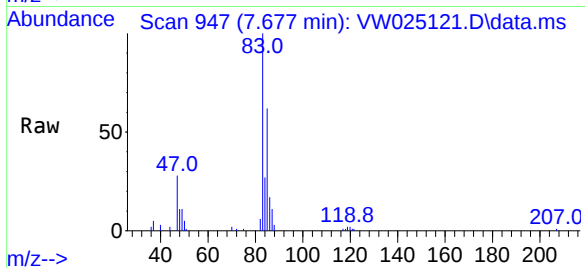
VSTD2.5473

Tgt Ion: 83 Resp: 27781

Ion Ratio Lower Upper

83 100

85 61.7 45.4 84.2



#27

1,2-Dichloroethane

Concen: 2.680 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW025121.D

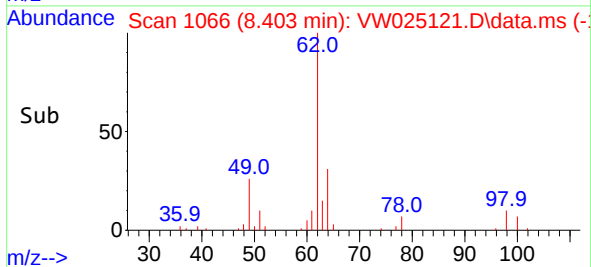
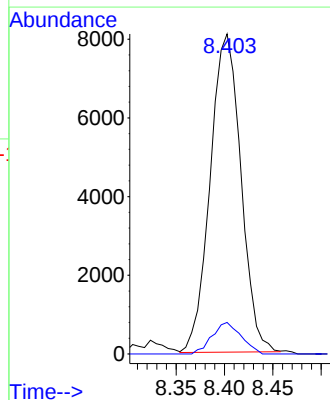
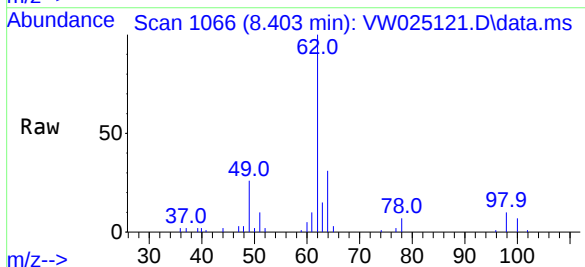
Acq: 08 Dec 2022 09:32

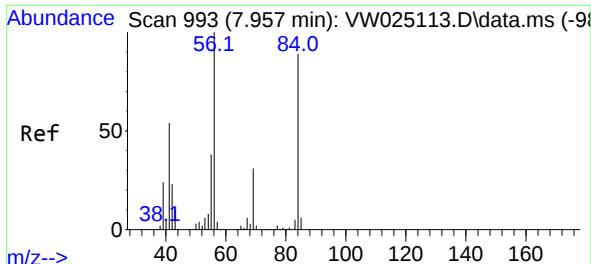
Tgt Ion: 62 Resp: 17886

Ion Ratio Lower Upper

62 100

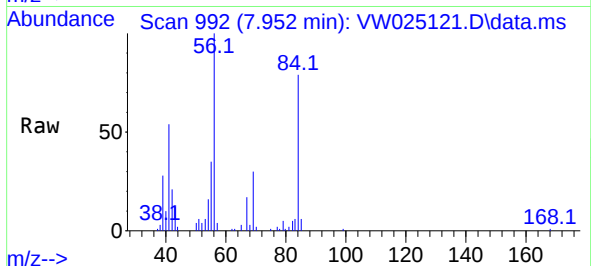
98 9.8 7.8 11.8



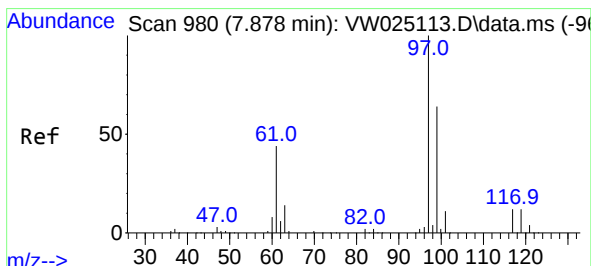
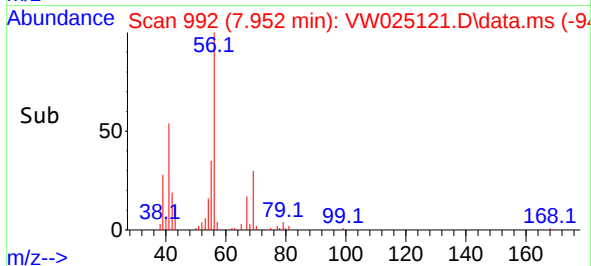
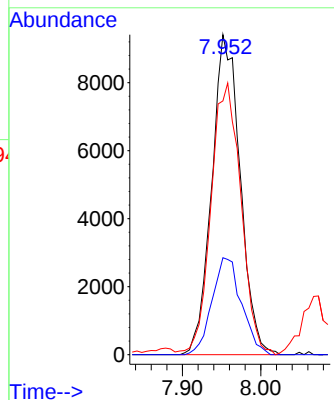


#29
Cyclohexane
Concen: 2.188 ug/L
RT: 7.952 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5473

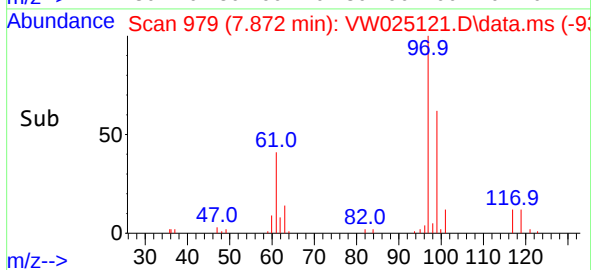
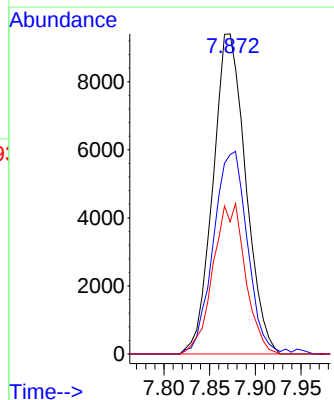
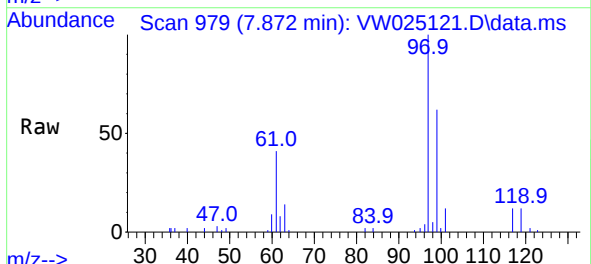


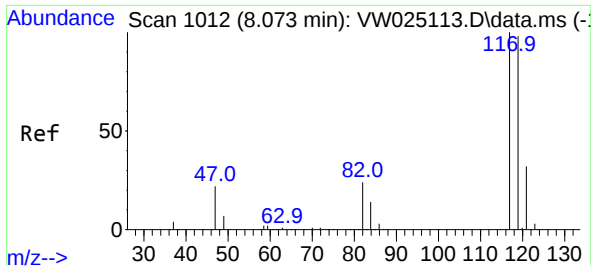
Tgt Ion: 56	Resp: 23756
Ion Ratio	Lower Upper
56 100	
69 31.4	25.0 37.6
84 89.1	70.9 106.3



#30
1,1,1-Trichloroethane
Concen: 2.449 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

Tgt Ion: 97	Resp: 23484
Ion Ratio	Lower Upper
97 100	
99 65.4	50.9 76.3
61 46.4	35.5 53.3

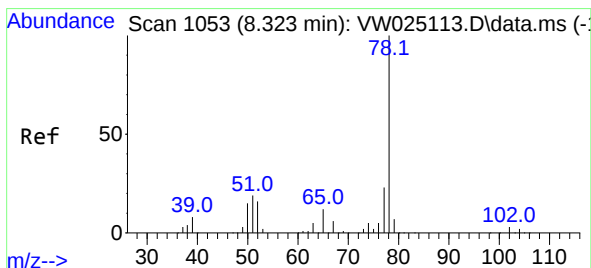
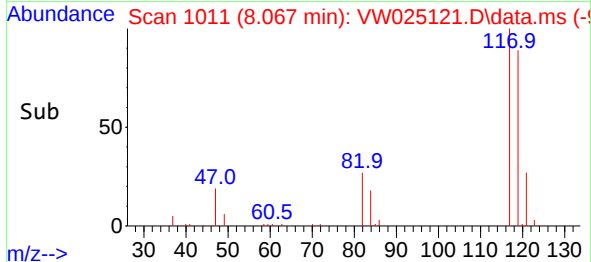
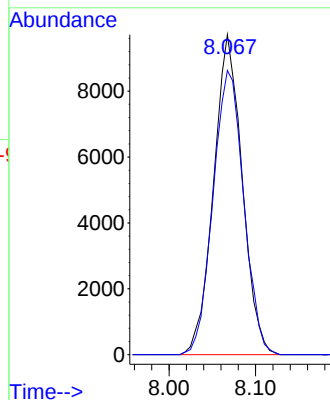
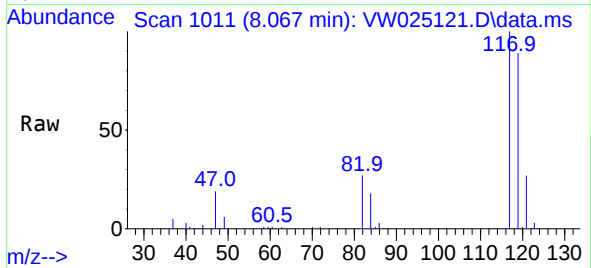




#31
Carbon tetrachloride
Concen: 2.560 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

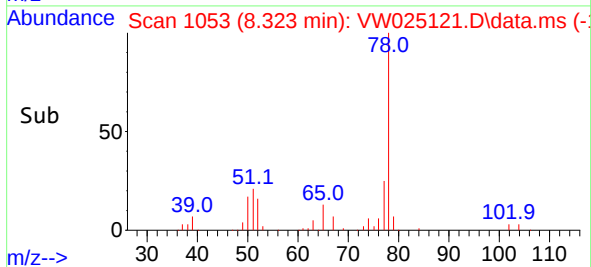
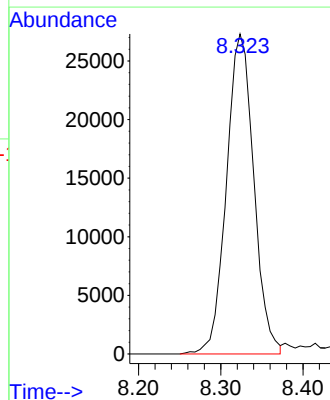
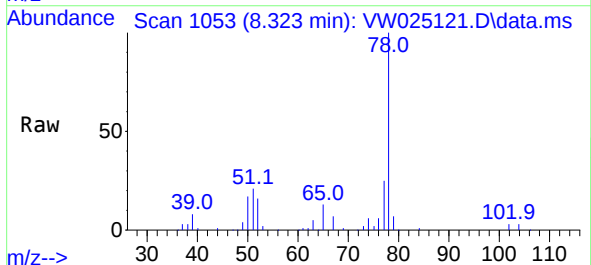
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5473

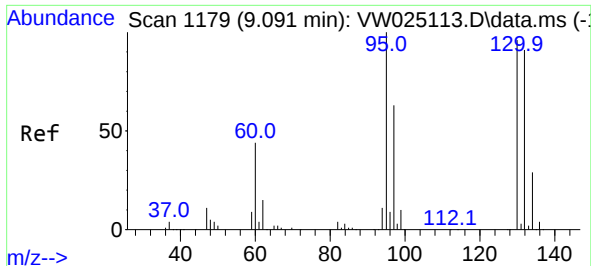
Tgt Ion:117 Resp: 22282
Ion Ratio Lower Upper
117 100
119 95.0 77.0 115.4



#33
Benzene
Concen: 2.479 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

Tgt Ion: 78 Resp: 63068



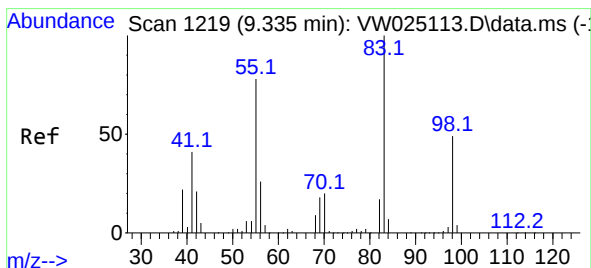
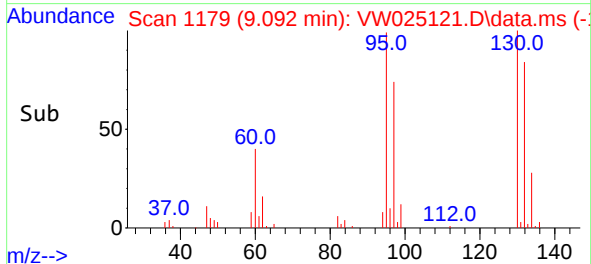
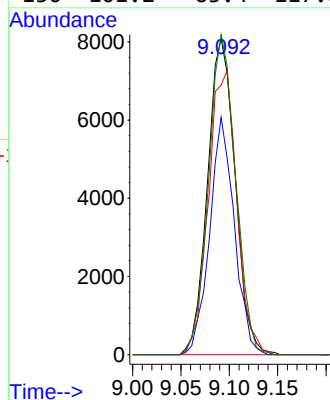
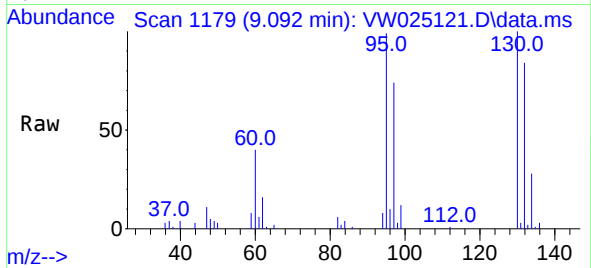


#34
Trichloroethene
Concen: 2.408 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5473

Tgt Ion: 95 Resp: 16056

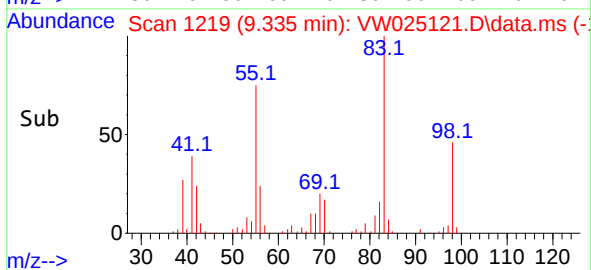
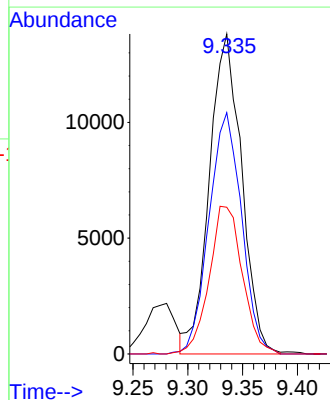
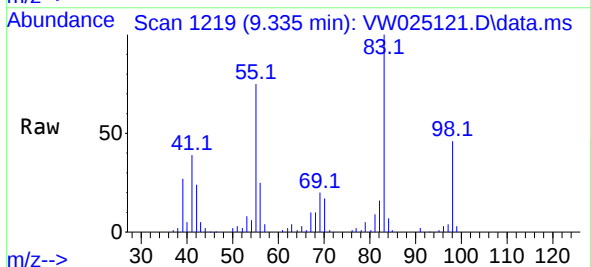
Ion	Ratio	Lower	Upper
95	100		
97	75.0	44.3	82.3
132	85.2	63.0	117.0
130	101.2	63.4	117.8

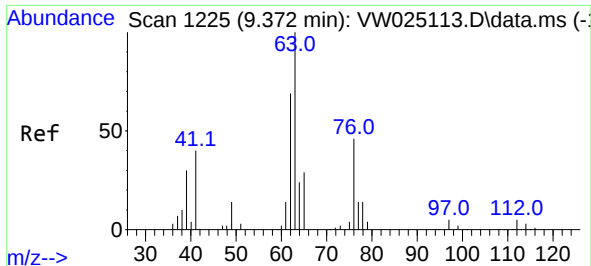


#35
Methylcyclohexane
Concen: 2.340 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

Tgt Ion: 83 Resp: 28226

Ion	Ratio	Lower	Upper
83	100		
55	76.4	59.3	88.9
98	47.6	38.6	57.8





#37

1,2-Dichloropropane

Concen: 2.483 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025121.D

Acq: 08 Dec 2022 09:32

Instrument :

MSVOA_W

ClientSampleId :

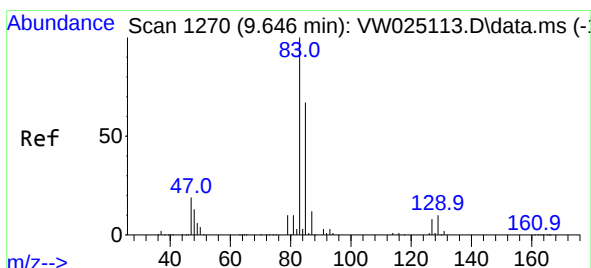
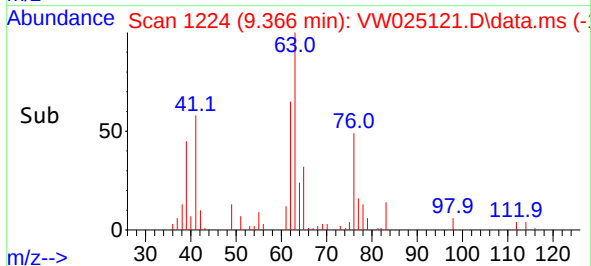
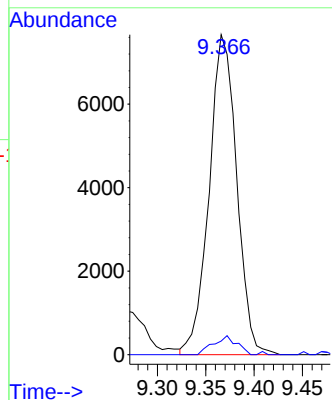
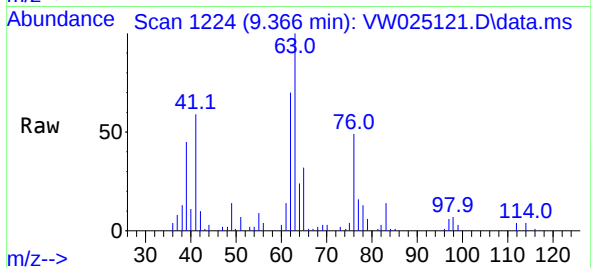
VSTD2.5473

Tgt Ion: 63 Resp: 15203

Ion Ratio Lower Upper

63 100

112 5.0 3.4 5.2



#38

Bromodichloromethane

Concen: 2.514 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW025121.D

Acq: 08 Dec 2022 09:32

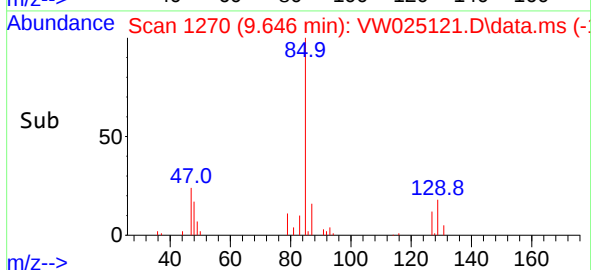
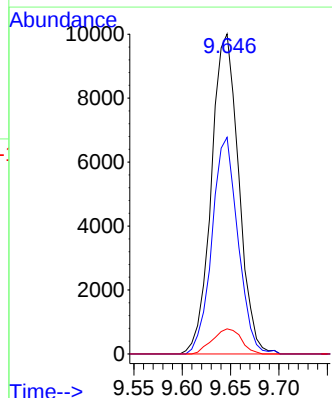
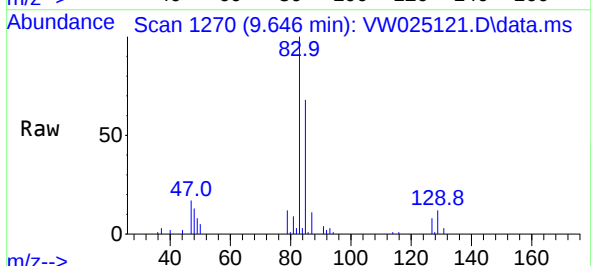
Tgt Ion: 83 Resp: 19660

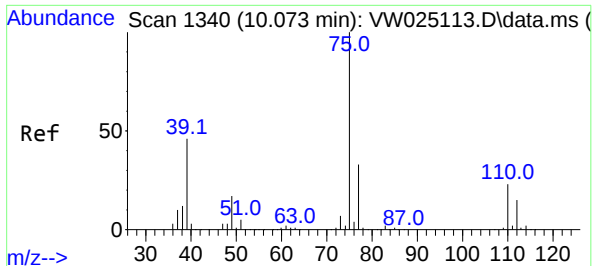
Ion Ratio Lower Upper

83 100

85 67.7 44.2 82.2

127 7.8 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 2.284 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025121.D

Acq: 08 Dec 2022 09:32

Instrument :

MSVOA_W

ClientSampleId :

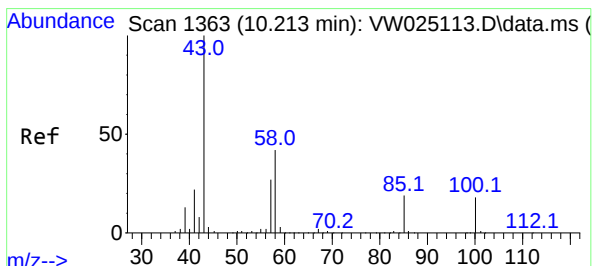
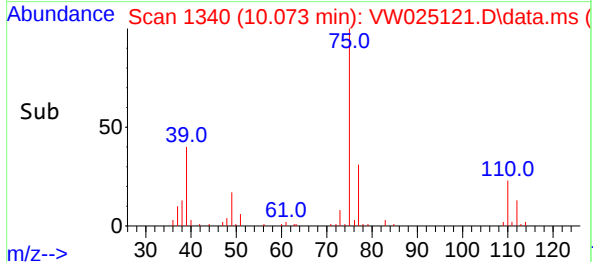
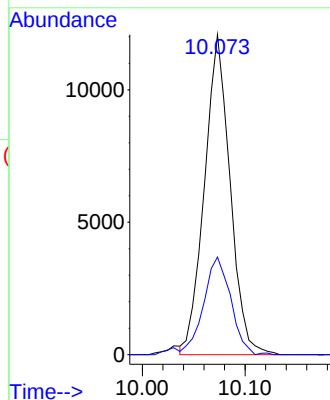
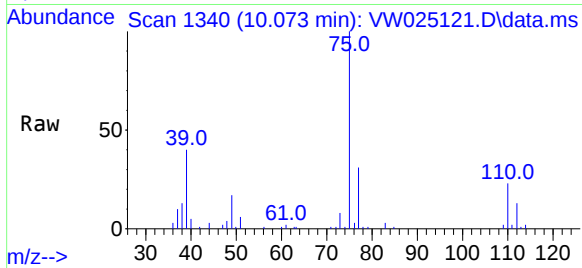
VSTD2.5473

Tgt Ion: 75 Resp: 20953

Ion Ratio Lower Upper

75 100

77 30.5 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 5.636 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW025121.D

Acq: 08 Dec 2022 09:32

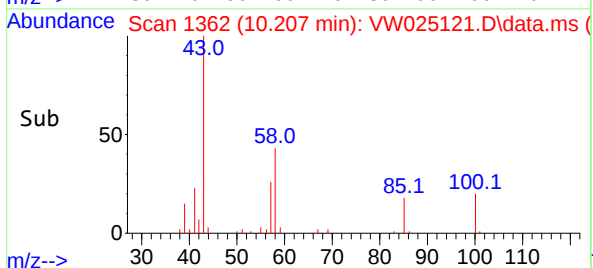
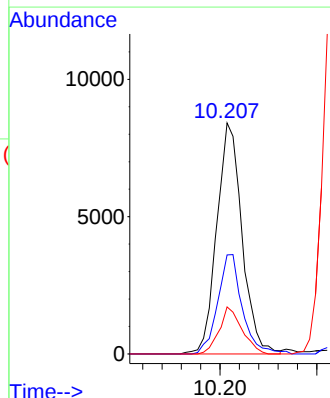
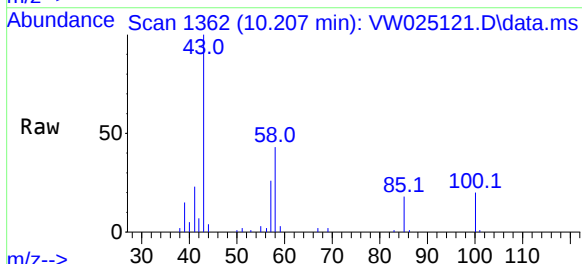
Tgt Ion: 43 Resp: 15242

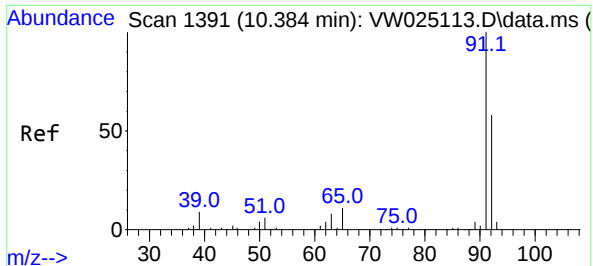
Ion Ratio Lower Upper

43 100

58 41.5 33.3 49.9

100 18.3 13.8 20.6





#42

Toluene

Concen: 2.351 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW025121.D

Acq: 08 Dec 2022 09:32

Instrument :

MSVOA_W

ClientSampleId :

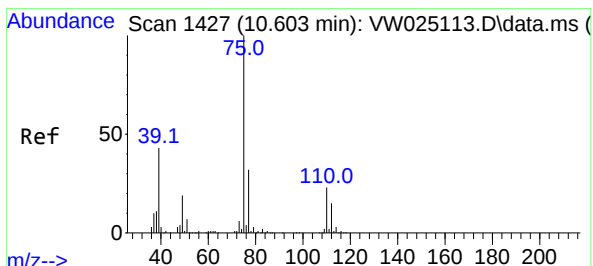
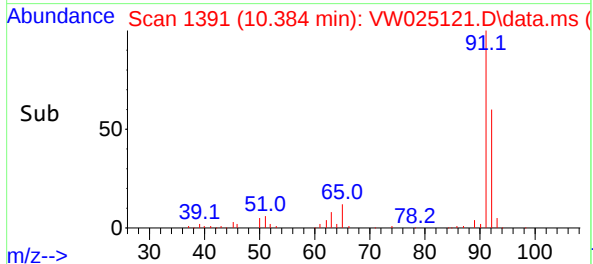
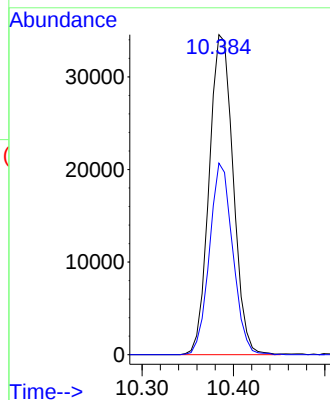
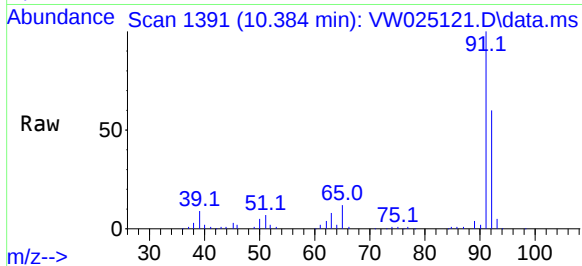
VSTD2.5473

Tgt Ion: 91 Resp: 63066

Ion Ratio Lower Upper

91 100

92 59.9 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 2.470 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW025121.D

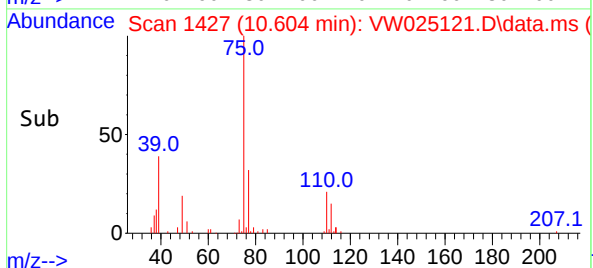
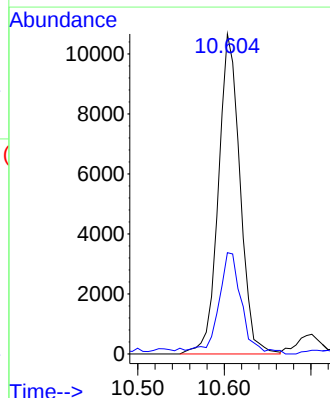
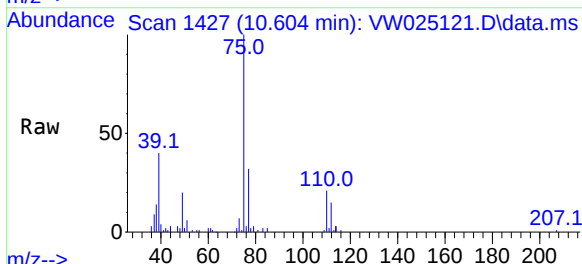
Acq: 08 Dec 2022 09:32

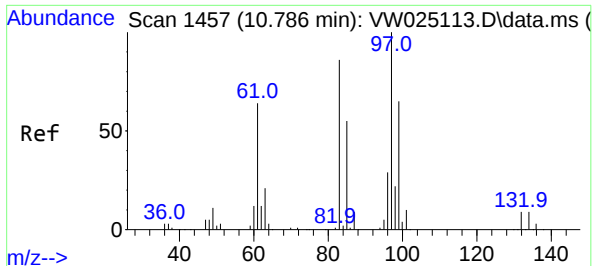
Tgt Ion: 75 Resp: 18508

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 2.708 ug/L

RT: 10.786 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW025121.D

Acq: 08 Dec 2022 09:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5473

Tgt Ion: 97 Resp: 11096

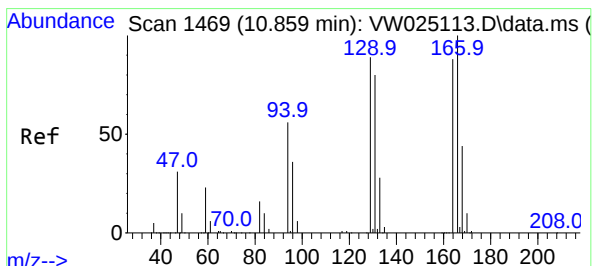
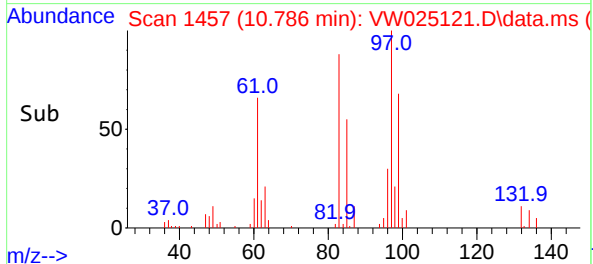
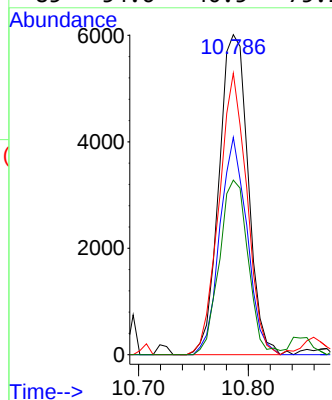
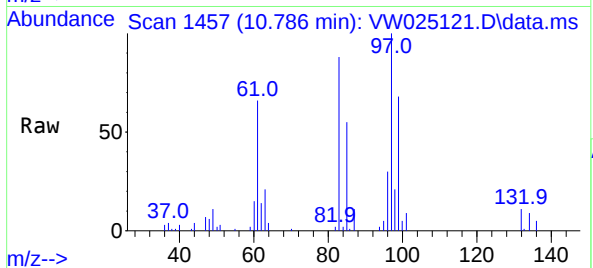
Ion Ratio Lower Upper

97 100

99 67.9 44.3 82.3

83 88.0 61.3 113.9

85 54.6 40.5 75.1



#46

Tetrachloroethene

Concen: 2.497 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW025121.D

Acq: 08 Dec 2022 09:32

Tgt Ion:164 Resp: 12385

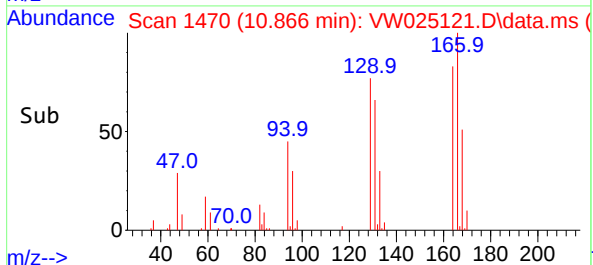
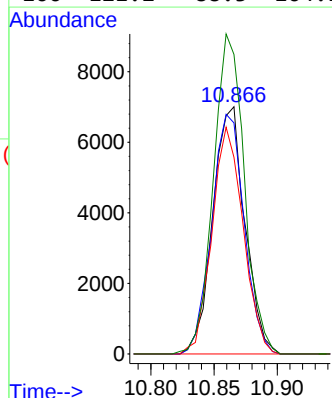
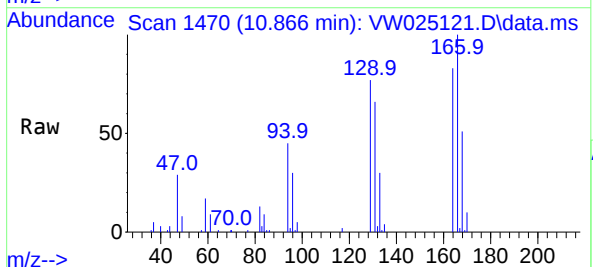
Ion Ratio Lower Upper

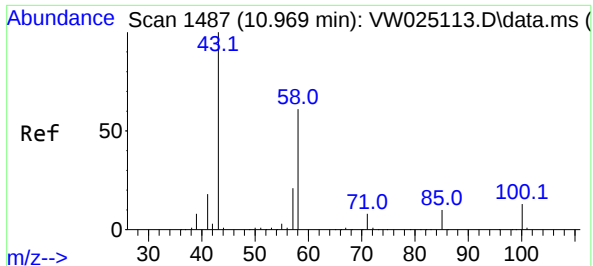
164 100

129 93.5 73.4 136.4

131 79.5 70.8 131.4

166 121.2 88.3 164.1



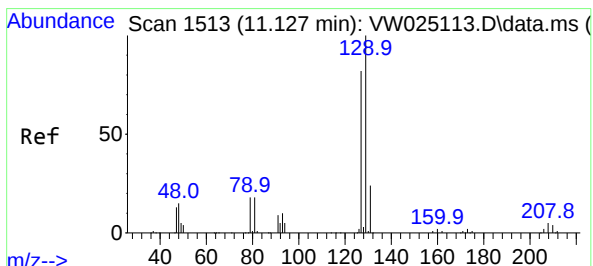
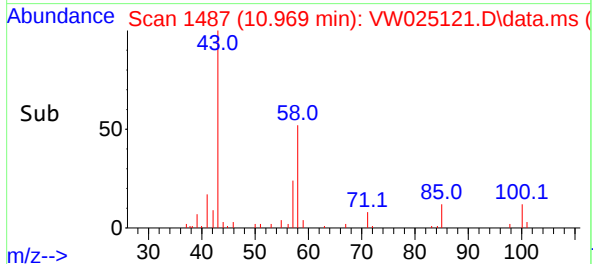
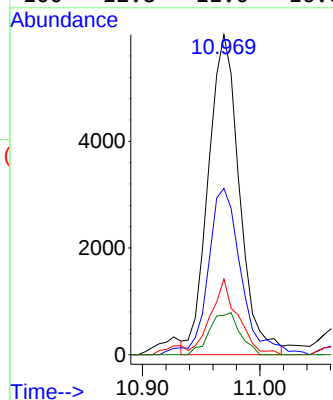
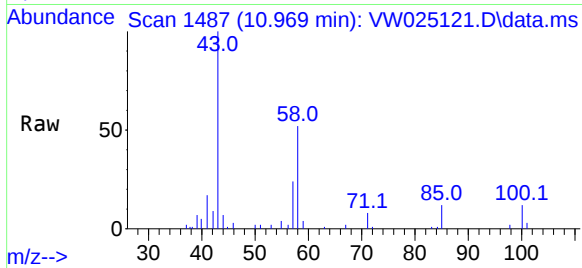


#48
2-Hexanone
Concen: 5.671 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5473

Tgt Ion: 43 Resp: 11079

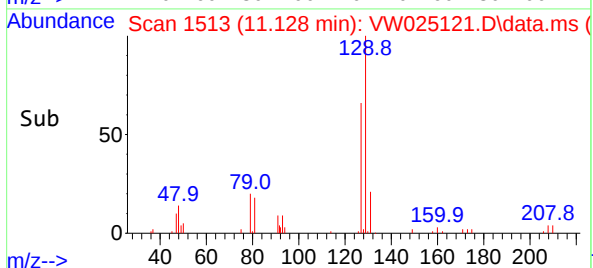
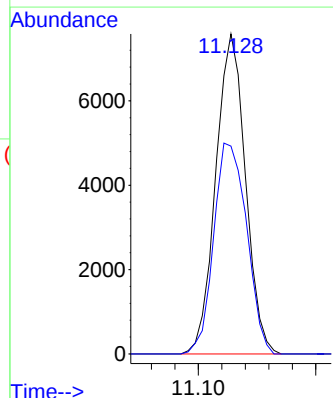
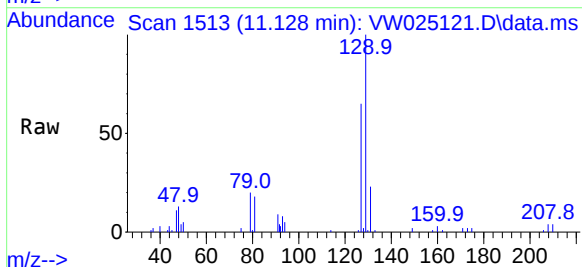
Ion	Ratio	Lower	Upper
43	100		
58	53.0	46.6	69.8
57	20.1	16.7	25.1
100	12.8	11.0	16.6

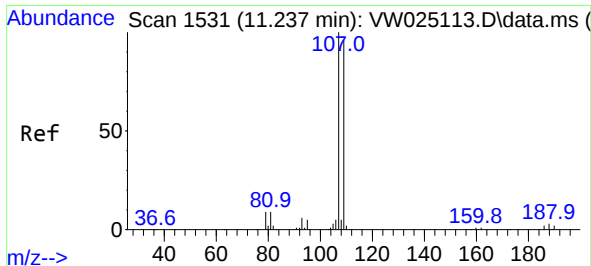


#49
Dibromochloromethane
Concen: 2.723 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

Tgt Ion: 129 Resp: 13330

Ion	Ratio	Lower	Upper
129	100		
127	64.9	49.7	92.3





#50

1,2-Dibromoethane

Concen: 2.644 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025121.D

Acq: 08 Dec 2022 09:32

Instrument :

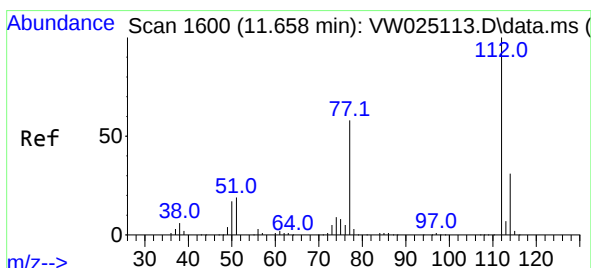
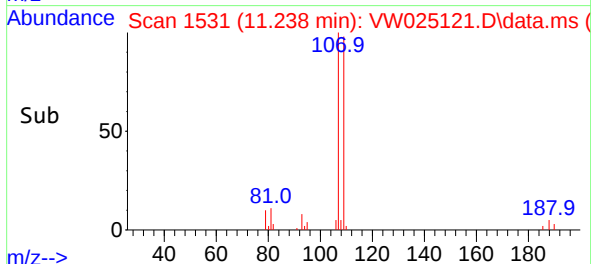
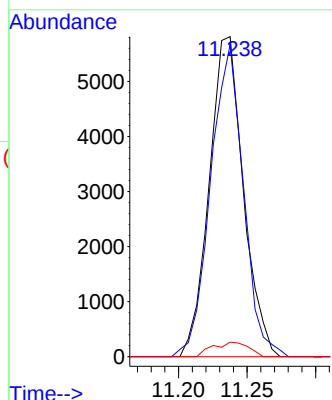
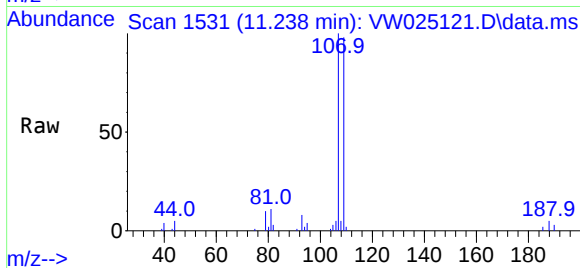
MSVOA_W

ClientSampleId :

VSTD2.5473

Tgt Ion:107 Resp: 10060

Ion	Ratio	Lower	Upper
107	100		
109	97.5	66.8	124.2
188	4.6	2.9	4.3#



#51

Chlorobenzene

Concen: 2.517 ug/L

RT: 11.652 min Scan# 1599

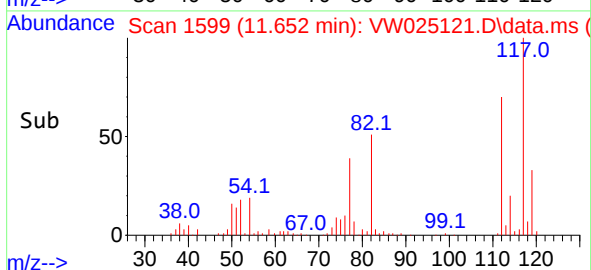
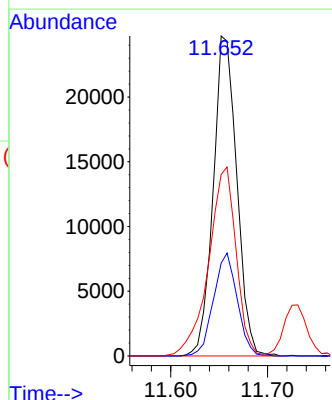
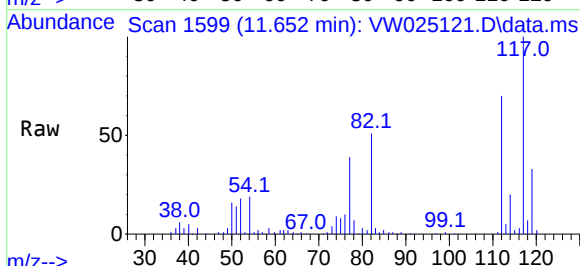
Delta R.T. -0.006 min

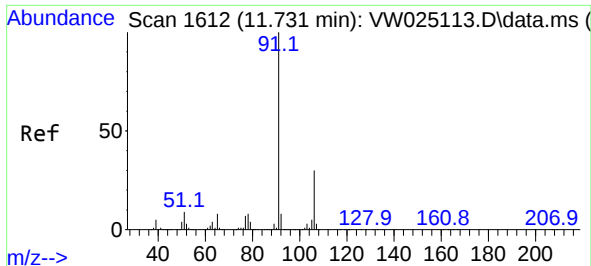
Lab File: VW025121.D

Acq: 08 Dec 2022 09:32

Tgt Ion:112 Resp: 41887

Ion	Ratio	Lower	Upper
112	100		
114	29.0	23.2	43.2
77	56.7	47.2	70.8

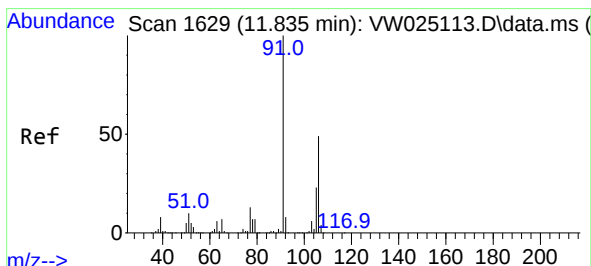
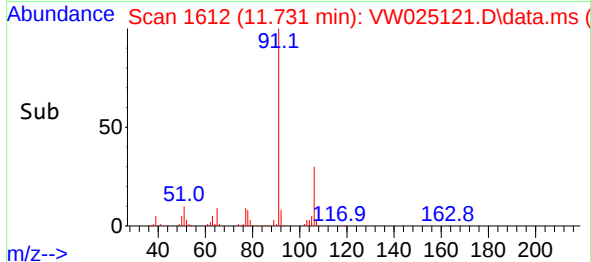
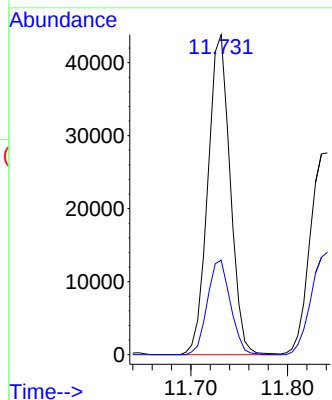
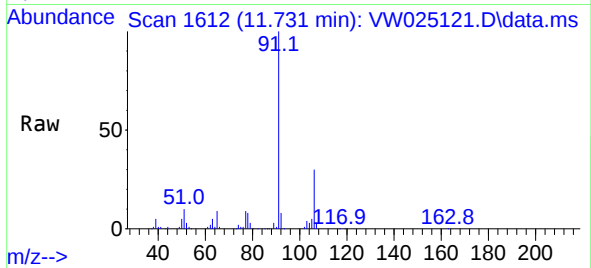




#52
Ethylbenzene
Concen: 2.329 ug/L
RT: 11.731 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

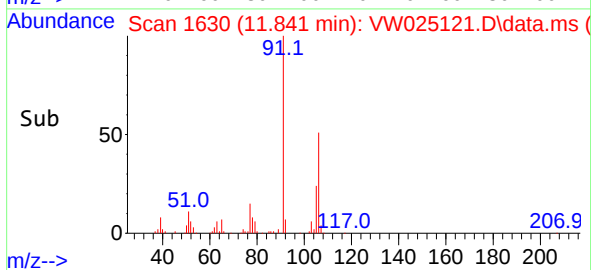
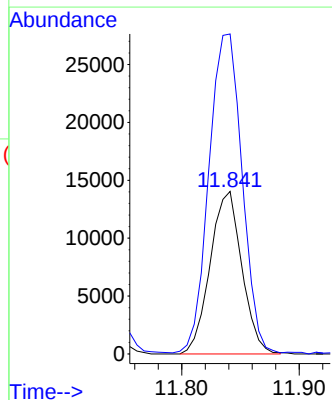
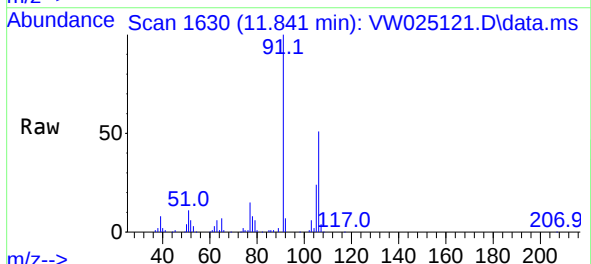
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5473

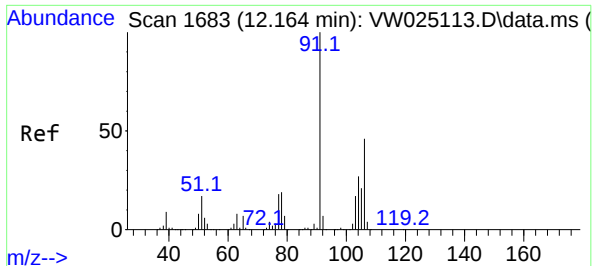
Tgt Ion: 91 Resp: 70320
Ion Ratio Lower Upper
91 100
106 29.6 21.9 40.7



#53
m,p-Xylene
Concen: 2.273 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

Tgt Ion: 106 Resp: 26329
Ion Ratio Lower Upper
106 100
91 196.9 139.7 259.4





#54

o-Xylene

Concen: 2.305 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025121.D

Acq: 08 Dec 2022 09:32

Instrument :

MSVOA_W

ClientSampleId :

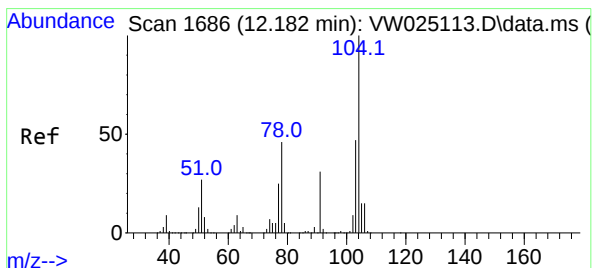
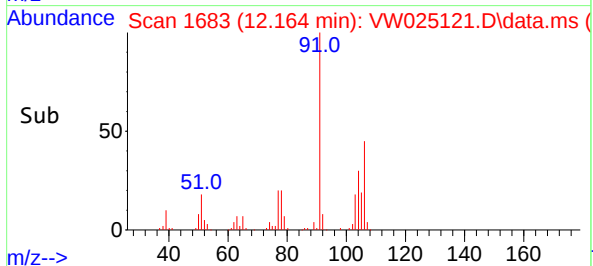
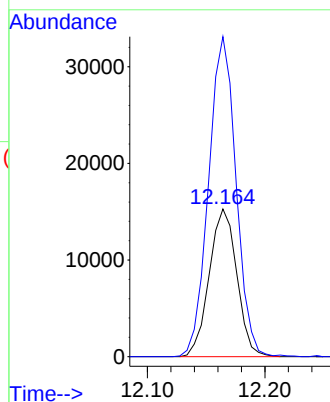
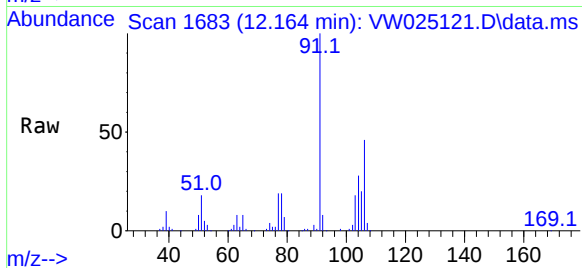
VSTD2.5473

Tgt Ion:106 Resp: 24933

Ion Ratio Lower Upper

106 100

91 216.8 148.8 276.4



#55

Styrene

Concen: 2.296 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW025121.D

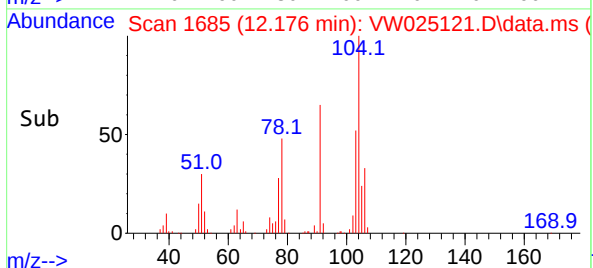
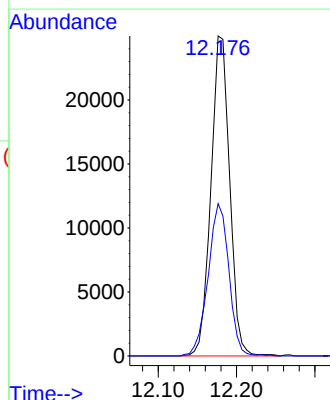
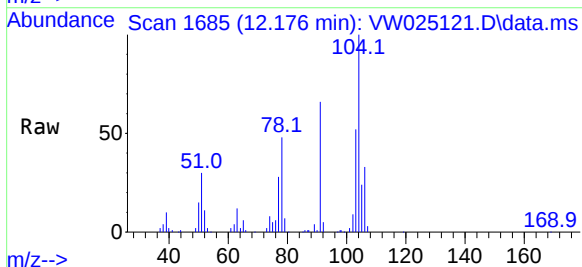
Acq: 08 Dec 2022 09:32

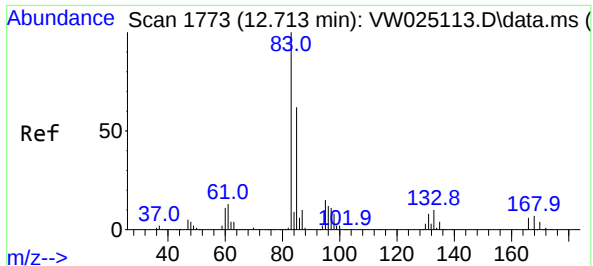
Tgt Ion:104 Resp: 41624

Ion Ratio Lower Upper

104 100

78 47.6 34.4 63.8

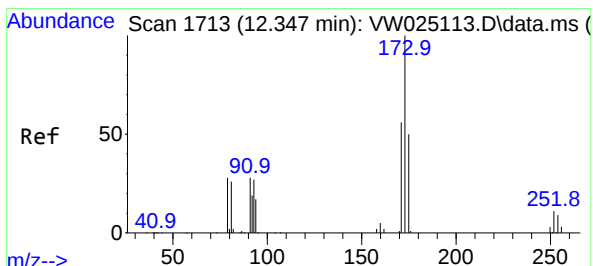
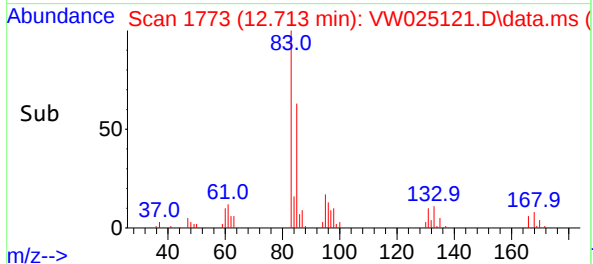
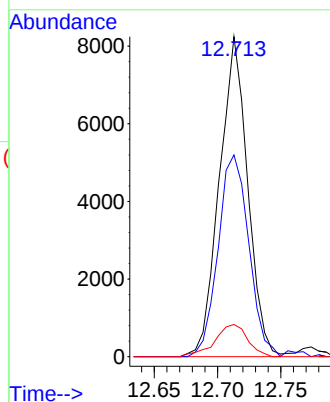
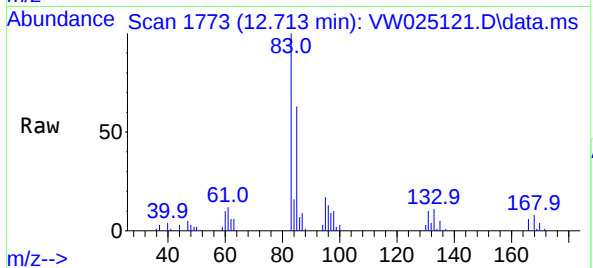




#57
1,1,2,2-Tetrachloroethane
Concen: 2.832 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

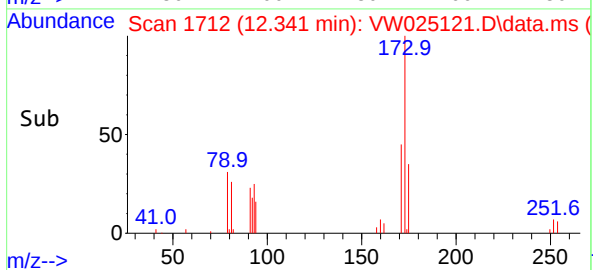
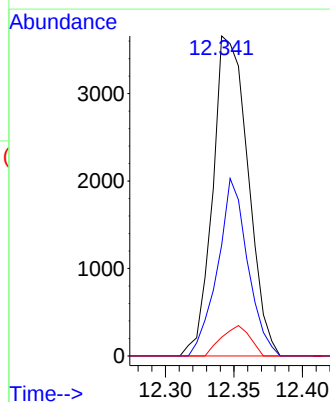
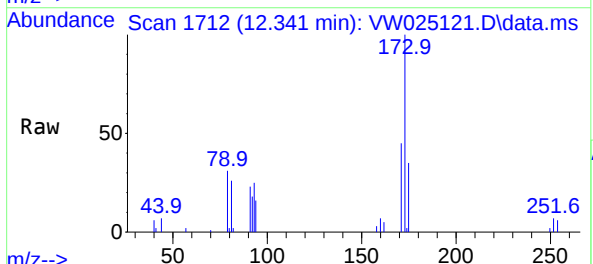
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5473

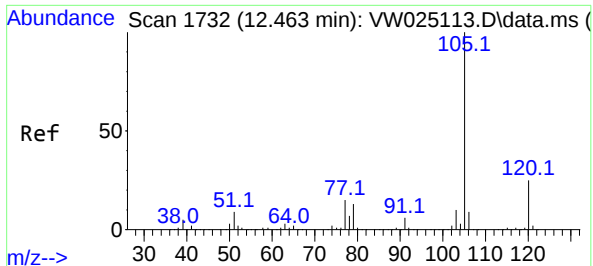
Tgt Ion:	83	Resp:	12810
Ion	Ratio	Lower	Upper
83	100		
85	63.1	46.8	87.0
131	10.0	8.2	12.2



#59
Bromoform
Concen: 2.687 ug/L
RT: 12.341 min Scan# 1712
Delta R.T. -0.006 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

Tgt Ion:	173	Resp:	6538
Ion	Ratio	Lower	Upper
173	100		
175	47.5	37.4	56.0
254	7.6	6.8	10.2

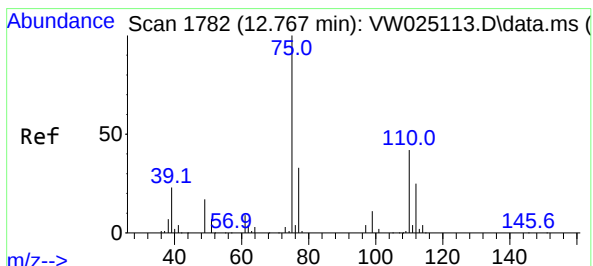
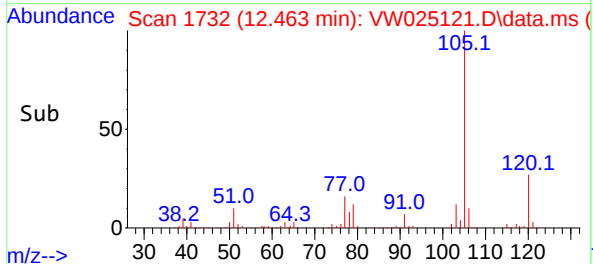
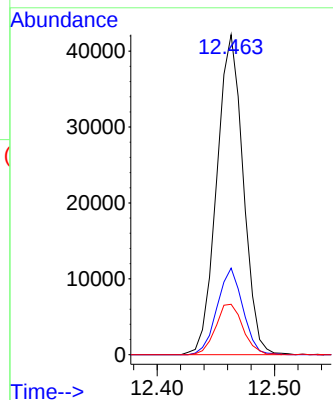
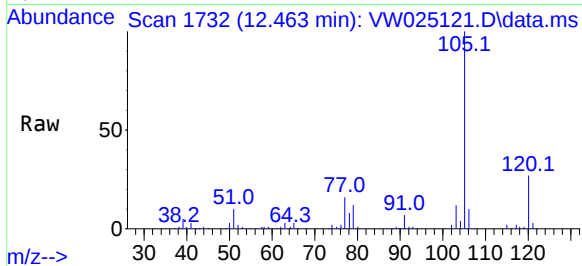




#60
Isopropylbenzene
Concen: 2.152 ug/L
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

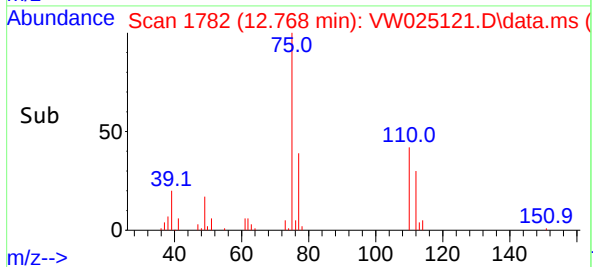
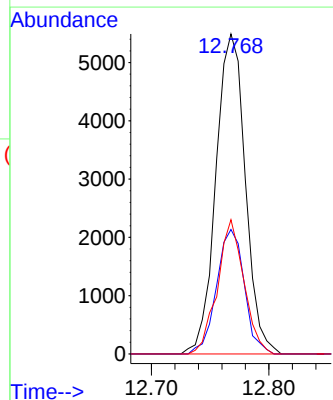
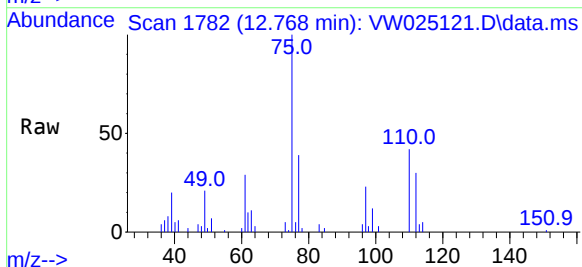
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5473

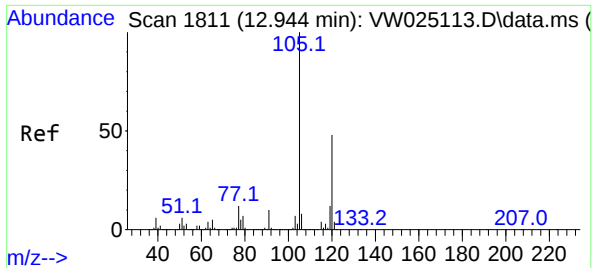
Tgt Ion:105 Resp: 66092
Ion Ratio Lower Upper
105 100
120 26.2 20.6 31.0
77 16.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 2.813 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

Tgt Ion: 75 Resp: 9552
Ion Ratio Lower Upper
75 100
77 36.7 26.6 40.0
110 37.8 31.7 47.5

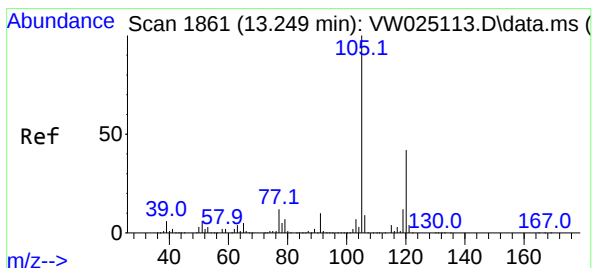
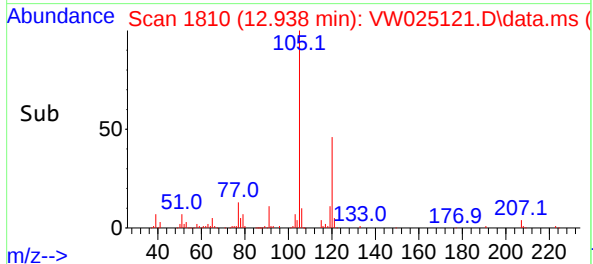
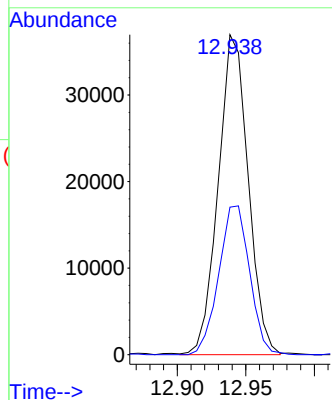
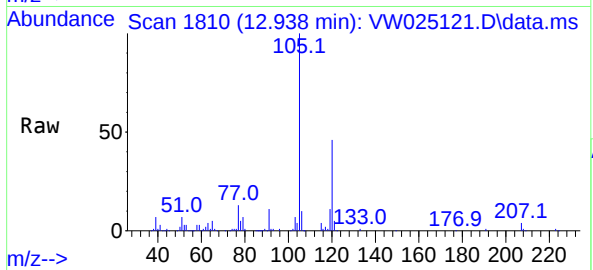




#62
1,3,5-Trimethylbenzene
Concen: 2.140 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

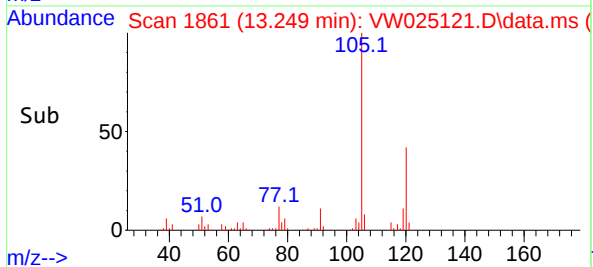
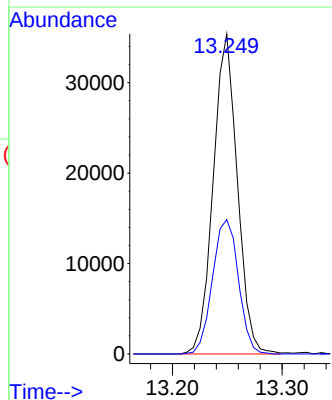
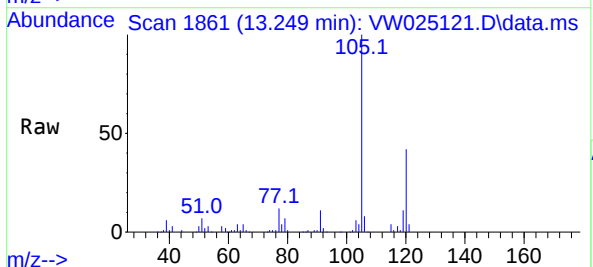
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5473

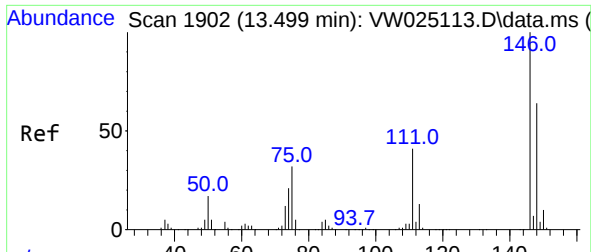
Tgt Ion:105 Resp: 56176
Ion Ratio Lower Upper
105 100
120 48.0 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 2.136 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

Tgt Ion:105 Resp: 54073
Ion Ratio Lower Upper
105 100
120 45.1 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 2.507 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW025121.D

Acq: 08 Dec 2022 09:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5473

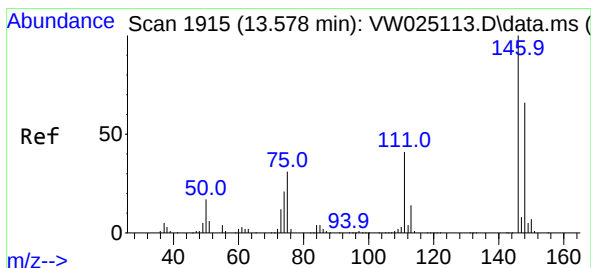
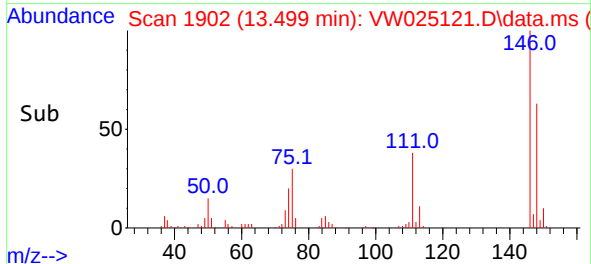
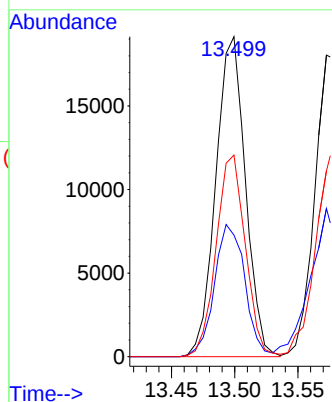
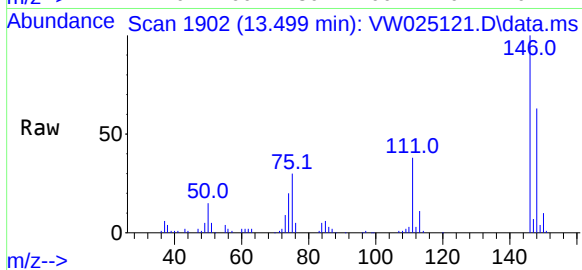
Tgt Ion:146 Resp: 31161

Ion Ratio Lower Upper

146 100

111 38.0 30.2 56.0

148 63.0 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 2.497 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW025121.D

Acq: 08 Dec 2022 09:32

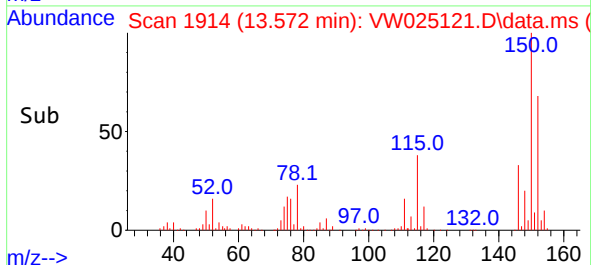
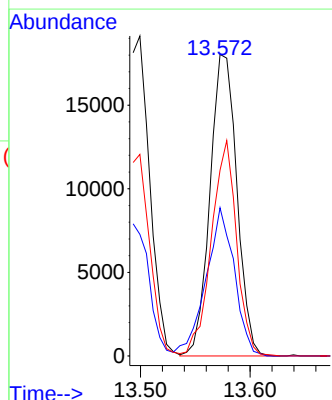
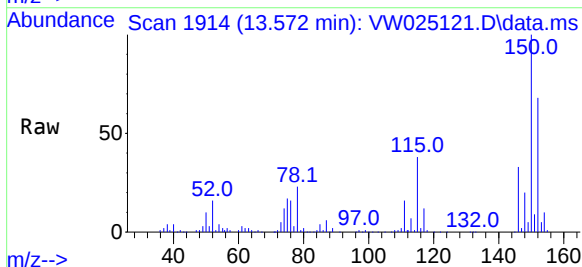
Tgt Ion:146 Resp: 30753

Ion Ratio Lower Upper

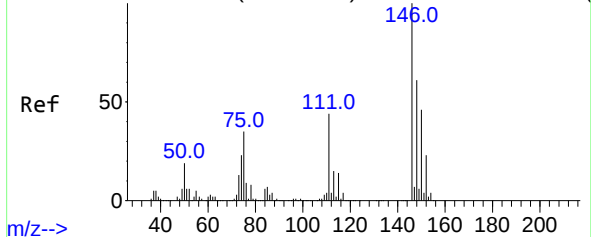
146 100

111 49.1 27.4 51.0

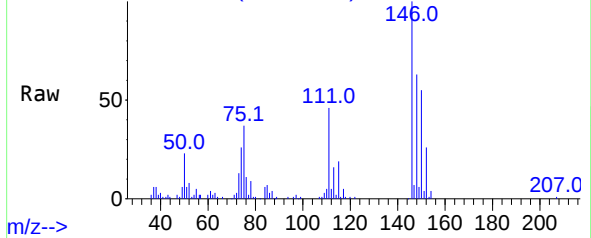
148 61.6 41.6 77.3



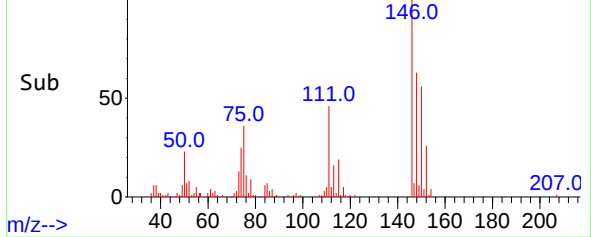
Abundance Scan 1962 (13.865 min): VW025113.D\data.ms (



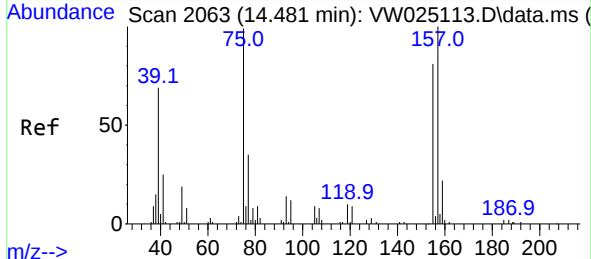
m/z--> Abundance Scan 1962 (13.865 min): VW025121.D\data.ms (



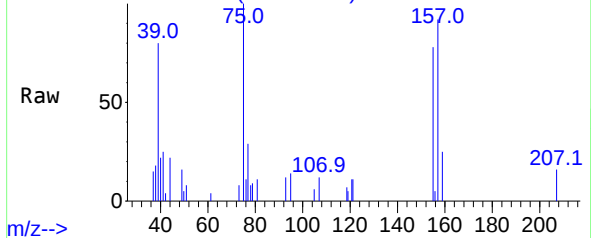
m/z--> Abundance Scan 1962 (13.865 min): VW025121.D\data.ms (



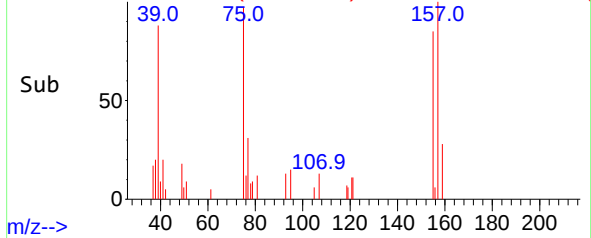
m/z--> Abundance Scan 2063 (14.481 min): VW025113.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW025121.D\data.ms (



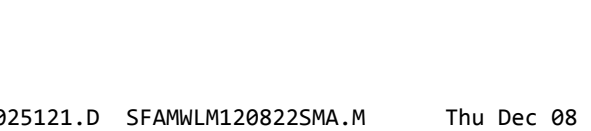
m/z--> Abundance Scan 2063 (14.481 min): VW025121.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW025121.D\data.ms (



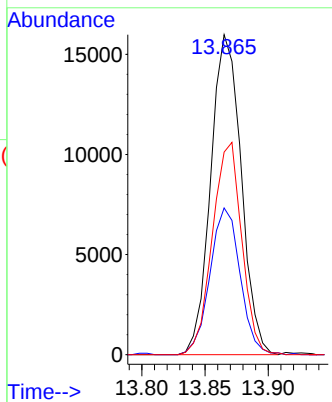
m/z--> Abundance Scan 2063 (14.481 min): VW025121.D\data.ms (



#67
1,2-Dichlorobenzene
Concen: 2.485 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

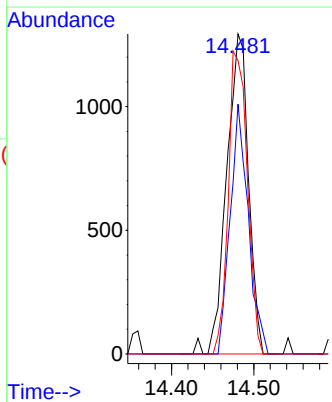
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5473

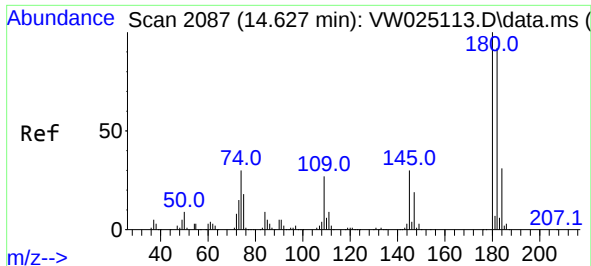
Tgt Ion:	146	Resp:	26744
Ion	Ratio	Lower	Upper
146	100		
111	45.8	34.3	51.5
148	63.3	51.4	77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 3.497 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

Tgt Ion:	75	Resp:	2385
Ion	Ratio	Lower	Upper
75	100		
155	78.1	60.3	90.5
157	91.7	84.9	127.3

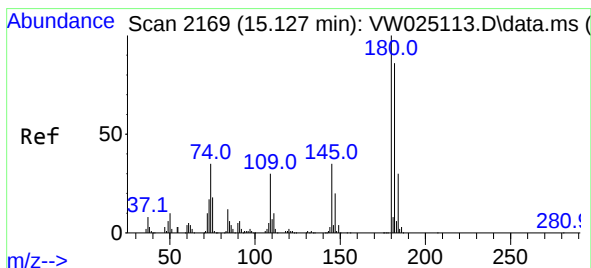
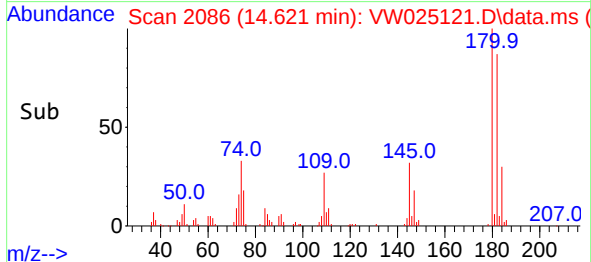
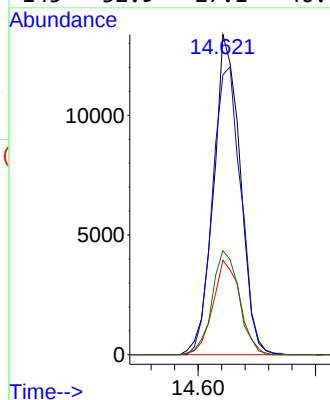
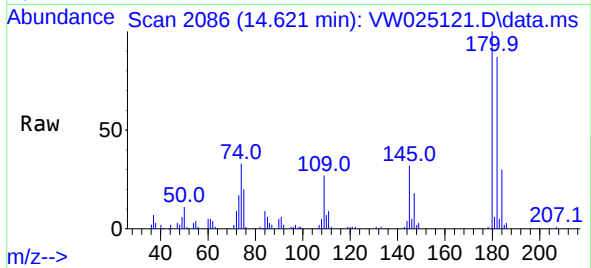




#69
1,3,5-Trichlorobenzene
Concen: 2.629 ug/L
RT: 14.621 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

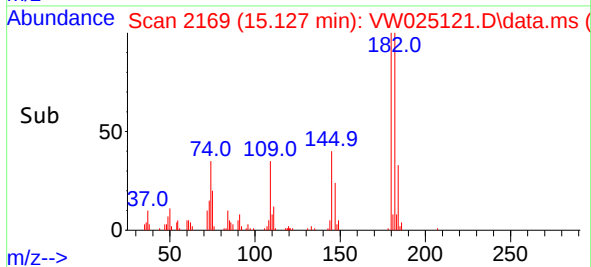
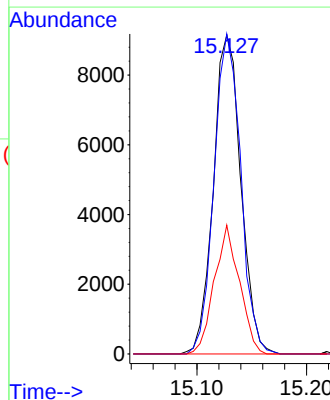
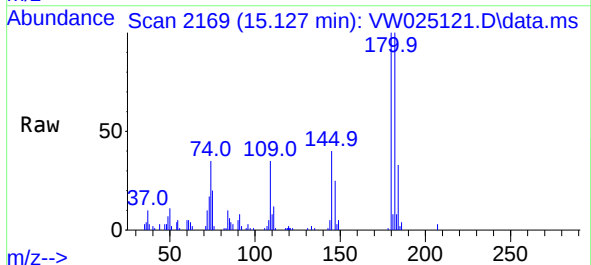
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5473

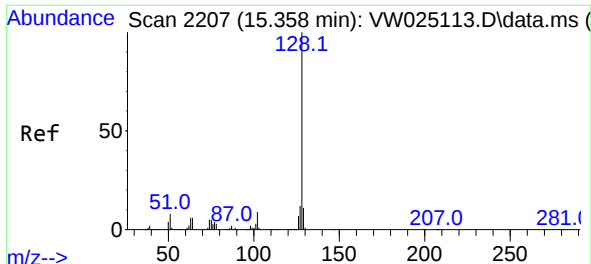
Tgt Ion:	180	Resp:	21026
Ion Ratio	Lower	Upper	
180	100		
182	95.9	77.8	116.6
184	30.2	24.3	36.5
145	32.9	27.1	40.7



#70
1,2,4-trichlorobenzene
Concen: 2.690 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

Tgt Ion:	180	Resp:	15942
Ion Ratio	Lower	Upper	
180	100		
182	97.3	77.2	115.8
145	37.0	26.9	40.3

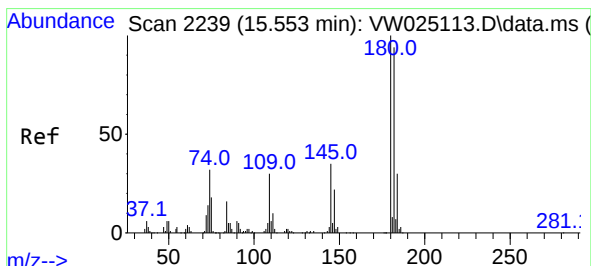
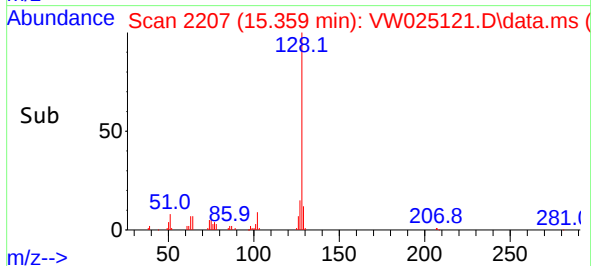
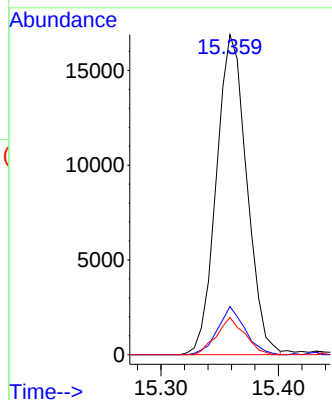
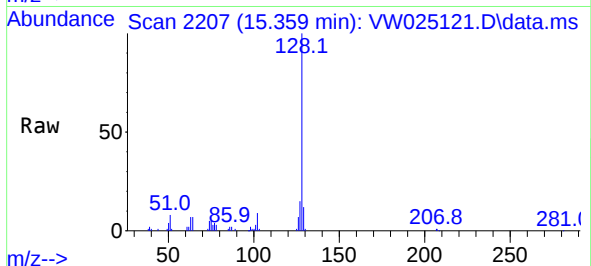




#71
Naphthalene
Concen: 2.799 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5473

Tgt Ion:128 Resp: 30402
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 3.042 ug/L
RT: 15.542 min Scan# 2237
Delta R.T. -0.012 min
Lab File: VW025121.D
Acq: 08 Dec 2022 09:32

Tgt Ion:180 Resp: 15034
Ion Ratio Lower Upper
180 100
182 93.3 76.4 114.6
145 35.2 29.6 44.4

