

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120822\
 Data File : VW025122.D
 Acq On : 08 Dec 2022 09:56
 Operator : SY/MD
 Sample : VSTD00574
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005474

Quant Time: Dec 08 11:02:58 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	8.841	114	433986	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	381394	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	187470	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	24440	4.583	ug/L	-0.01
7) Chloroethane-d5	2.885	69	15763	4.522	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	53781	4.686	ug/L	0.00
21) 2-Butanone-d5	7.085	46	12174	10.986	ug/L	0.00
24) Chloroform-d	7.652	84	55211	4.930	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	28785	5.204	ug/L	0.00
32) Benzene-d6	8.274	84	111948	4.869	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	32980	4.960	ug/L	0.00
41) Toluene-d8	10.323	98	100904	4.833	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	13253	4.940	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	8715	10.319	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	24473	5.541	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.846	152	32454	5.078	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	10885	8.414	ug/L	92
3) Chloromethane	2.214	50	21837	4.555	ug/L	96
5) Vinyl chloride	2.355	62	28515	4.391	ug/L	98
6) Bromomethane	2.775	94	15024	4.759	ug/L	91
8) Chloroethane	2.915	64	12666	4.233	ug/L	98
9) Trichlorofluoromethane	3.257	101	21056	4.297	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	27068	4.613	ug/L	100
12) 1,1-Dichloroethene	4.037	96	25612	4.471	ug/L	94
13) Acetone	4.123	43	12074	10.169	ug/L	99
14) Carbon disulfide	4.379	76	84785	4.414	ug/L	98
15) Methyl Acetate	4.671	43	9467	4.888	ug/L	98
16) Methylene chloride	4.909	84	36268	4.705	ug/L	94
17) trans-1,2-Dichloroethene	5.421	96	27547	4.527	ug/L	96
18) Methyl tert-butyl Ether	5.421	73	41104	5.097	ug/L #	86
19) 1,1-Dichloroethane	6.220	63	50392	4.700	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	28700	4.554	ug/L	86
22) 2-Butanone	7.171	43	14830	9.915	ug/L #	68
23) Bromochloromethane	7.512	128	12035	4.709	ug/L	89
25) Chloroform	7.677	83	50347	4.692	ug/L	99
27) 1,2-Dichloroethane	8.402	62	31620	4.882	ug/L	96
29) Cyclohexane	7.957	56	44497	4.239	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	43334	4.672	ug/L	99
31) Carbon tetrachloride	8.067	117	40130	4.768	ug/L	97
33) Benzene	8.323	78	114319	4.646	ug/L	100
34) Trichloroethene	9.091	95	29863	4.630	ug/L	95
35) Methylcyclohexane	9.335	83	51330	4.400	ug/L	98
37) 1,2-Dichloropropane	9.372	63	26531	4.481	ug/L #	97
38) Bromodichloromethane	9.646	83	35749	4.727	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	39020	4.398	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	26144	9.996	ug/L	98
42) Toluene	10.384	91	118020	4.549	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	33548	4.629	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120822\
 Data File : VW025122.D
 Acq On : 08 Dec 2022 09:56
 Operator : SY/MD
 Sample : VSTD00574
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005474

Quant Time: Dec 08 11:02:58 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

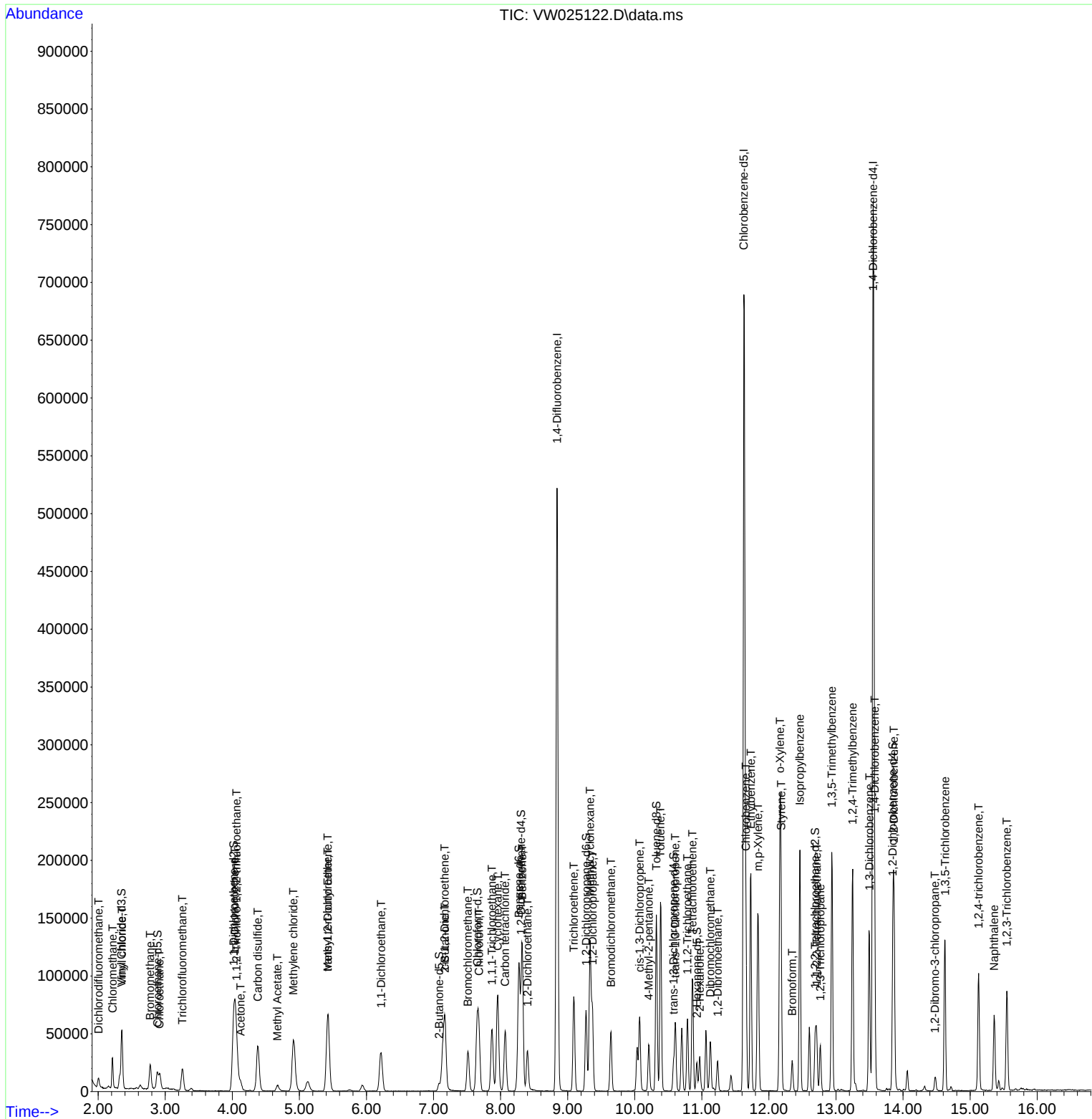
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

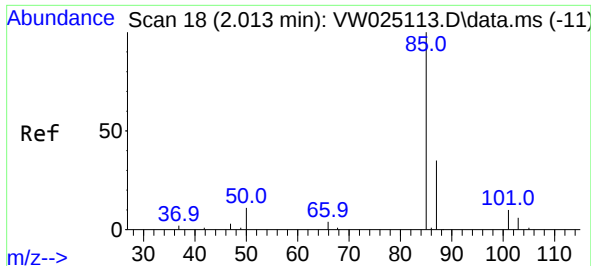
45) 1,1,2-Trichloroethane	10.786	97	19403	4.897	ug/L	97
46) Tetrachloroethene	10.859	164	21359	4.453	ug/L	95
48) 2-Hexanone	10.969	43	18912	10.010	ug/L	98
49) Dibromochloromethane	11.127	129	22402	4.732	ug/L	88
50) 1,2-Dibromoethane	11.237	107	17718	4.816	ug/L	99
51) Chlorobenzene	11.658	112	74968	4.658	ug/L	97
52) Ethylbenzene	11.731	91	131034	4.488	ug/L	100
53) m,p-Xylene	11.841	106	50519	4.510	ug/L	96
54) o-Xylene	12.164	106	48599	4.646	ug/L	95
55) Styrene	12.182	104	80192	4.573	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.712	83	22591	5.164	ug/L	97
59) Bromoform	12.347	173	11527	4.798	ug/L	99
60) Isopropylbenzene	12.463	105	131378	4.331	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	16547	4.934	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	107361	4.142	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	105688	4.228	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	54555	4.445	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	57676	4.741	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	48636	4.577	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.474	75	3688	5.476	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.627	180	39052	4.944	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	30636	5.235	ug/L	97
71) Naphthalene	15.358	128	55680	5.190	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	26936	5.519	ug/L	99

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

Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

Quant Time: Dec 08 11:02:58 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

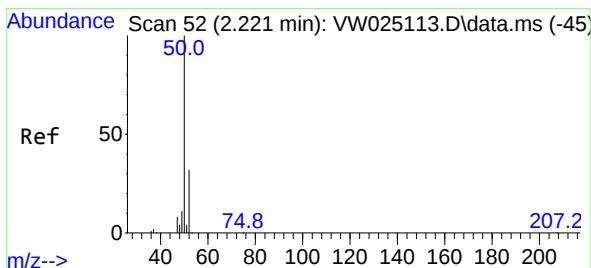
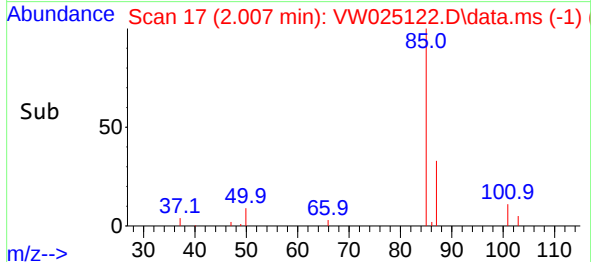
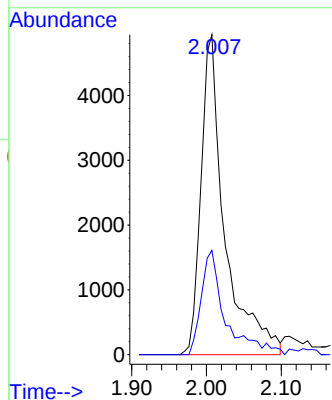
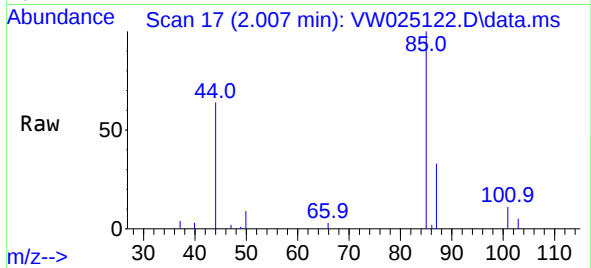




#2
Dichlorodifluoromethane
Concen: 8.414 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

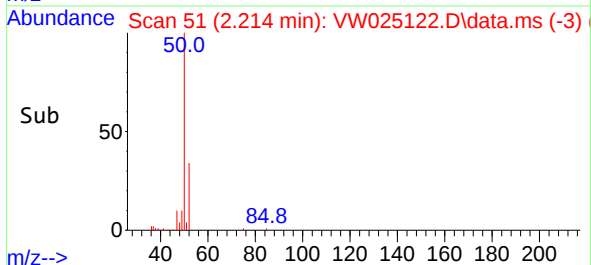
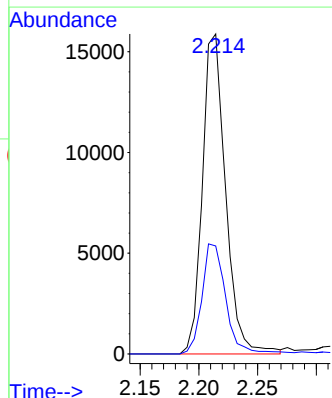
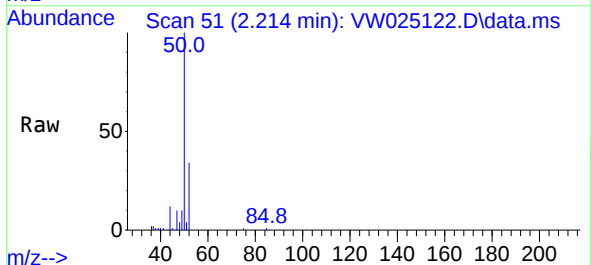
Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

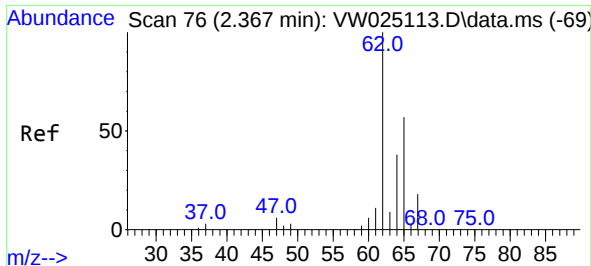
Tgt Ion: 85 Resp: 10885
Ion Ratio Lower Upper
85 100
87 26.8 25.0 37.6



#3
Chloromethane
Concen: 4.555 ug/L
RT: 2.214 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Tgt Ion: 50 Resp: 21837
Ion Ratio Lower Upper
50 100
52 33.8 22.1 41.1

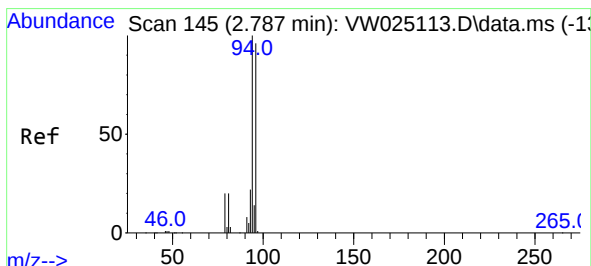
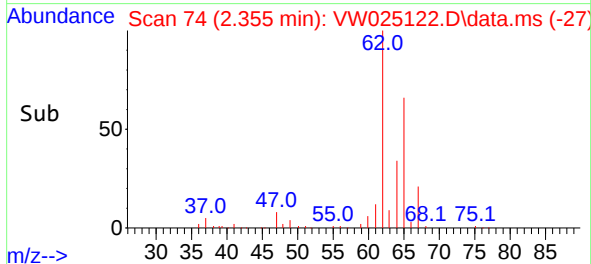
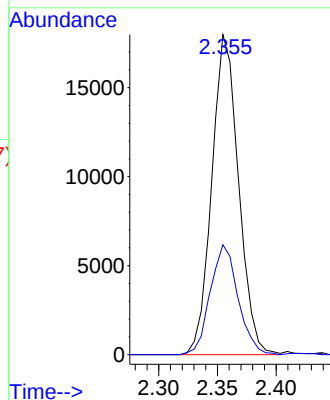
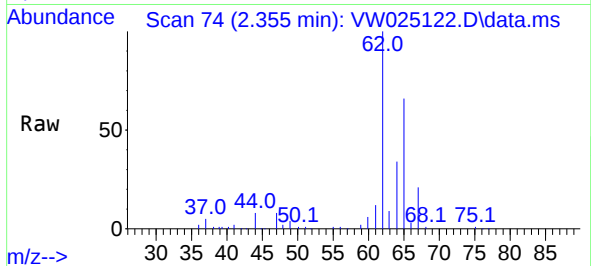




#5
 Vinyl chloride
 Concen: 4.391 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.012 min
 Lab File: VW025122.D
 Acq: 08 Dec 2022 09:56

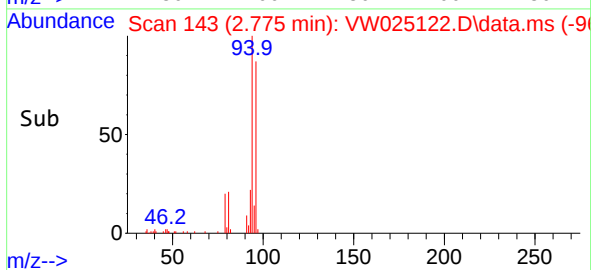
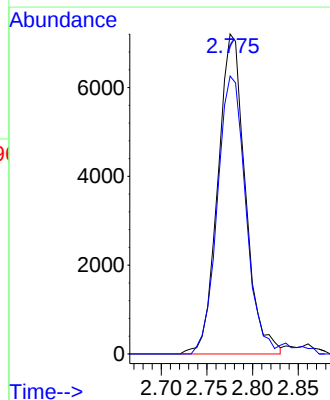
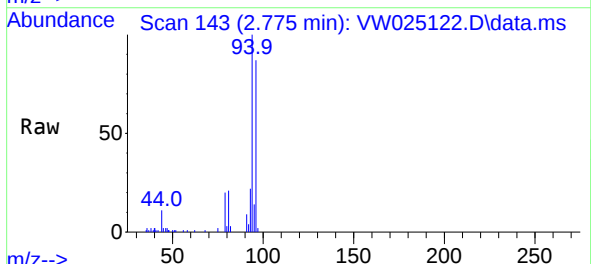
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005474

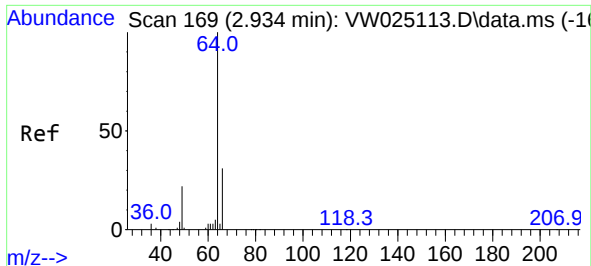
Tgt Ion: 62 Resp: 28515
 Ion Ratio Lower Upper
 62 100
 64 34.4 24.8 46.1



#6
 Bromomethane
 Concen: 4.759 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.012 min
 Lab File: VW025122.D
 Acq: 08 Dec 2022 09:56

Tgt Ion: 94 Resp: 15024
 Ion Ratio Lower Upper
 94 100
 96 86.8 66.7 123.9

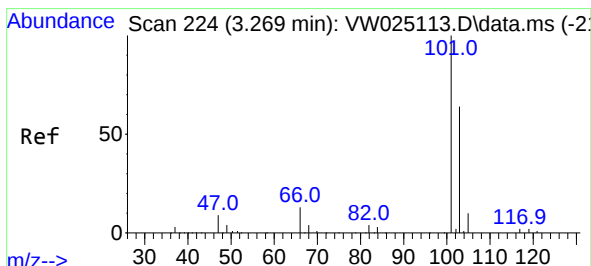
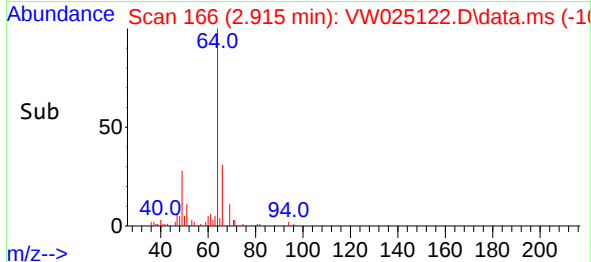
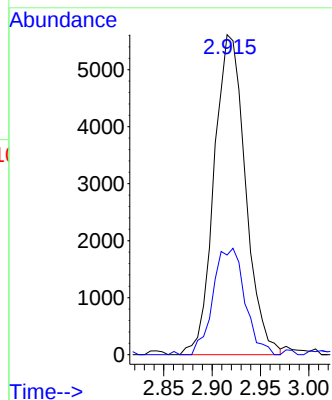
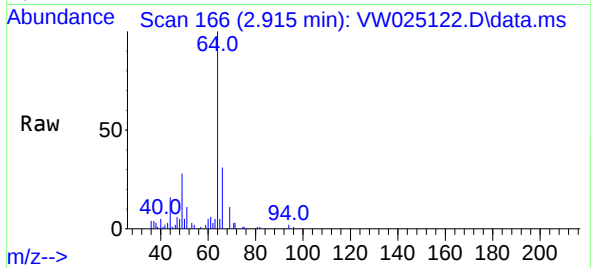




#8
Chloroethane
Concen: 4.233 ug/L
RT: 2.915 min Scan# 166
Delta R.T. -0.018 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

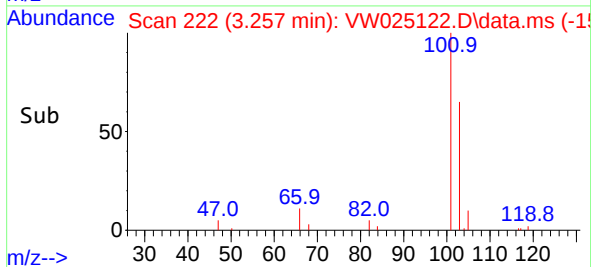
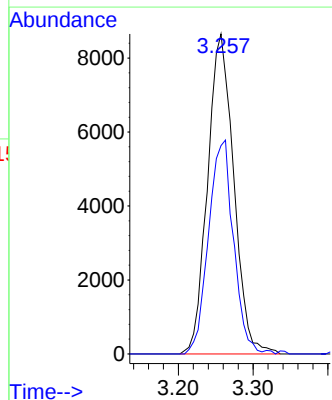
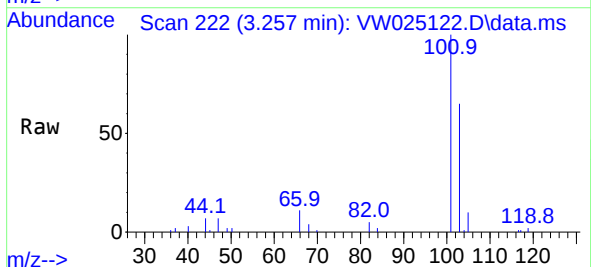
Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

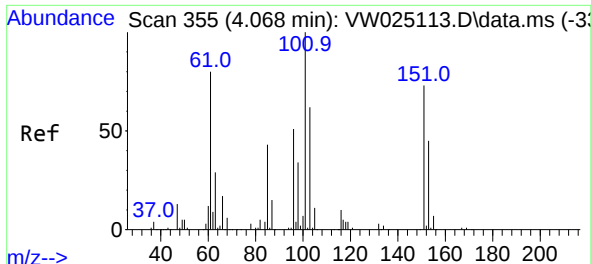
Tgt Ion: 64 Resp: 12666
Ion Ratio Lower Upper
64 100
66 31.1 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.297 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.012 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Tgt Ion: 101 Resp: 21056
Ion Ratio Lower Upper
101 100
103 63.6 50.9 76.3

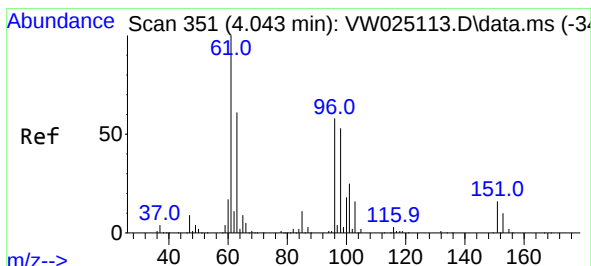
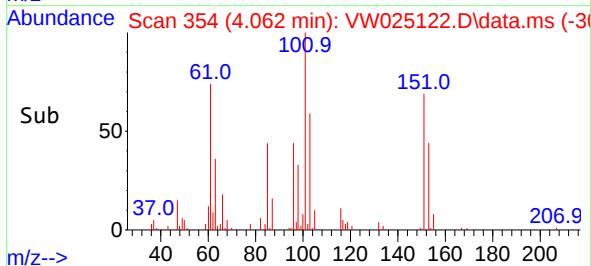
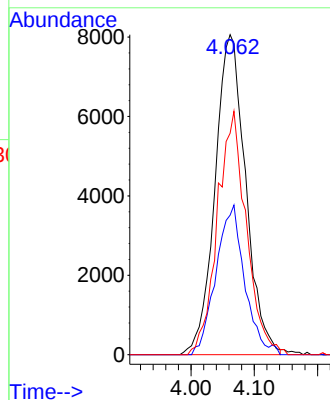
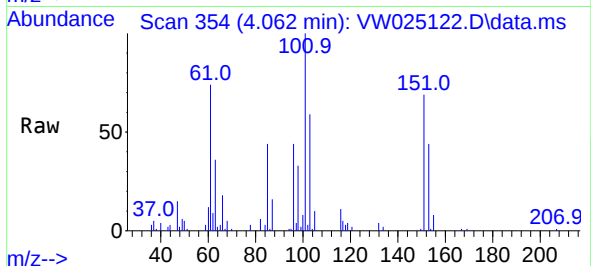




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.613 ug/L
RT: 4.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

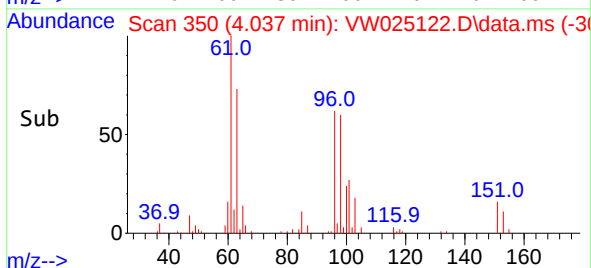
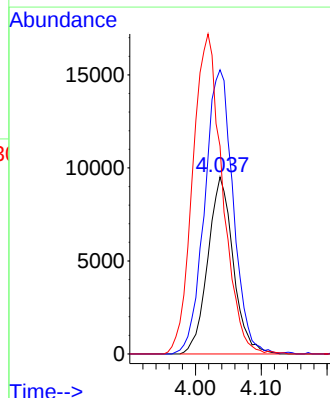
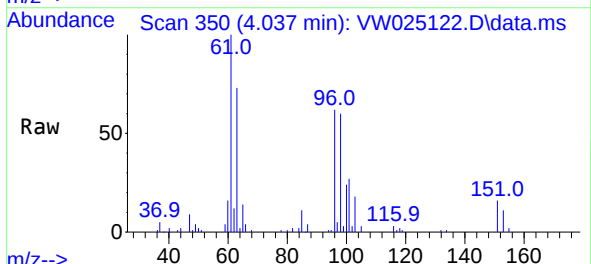
Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

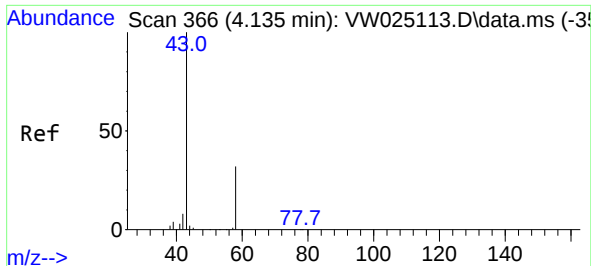
Tgt Ion:	101	Resp:	27068
Ion	Ratio	Lower	Upper
101	100		
85	43.2	34.6	52.0
151	72.1	57.7	86.5



#12
1,1-Dichloroethene
Concen: 4.471 ug/L
RT: 4.037 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Tgt Ion:	96	Resp:	25612
Ion	Ratio	Lower	Upper
96	100		
61	160.5	120.8	224.4
63	117.4	84.1	156.1





#13

Acetone

Concen: 10.169 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW025122.D

Acq: 08 Dec 2022 09:56

Instrument :

MSVOA_W

ClientSampleId :

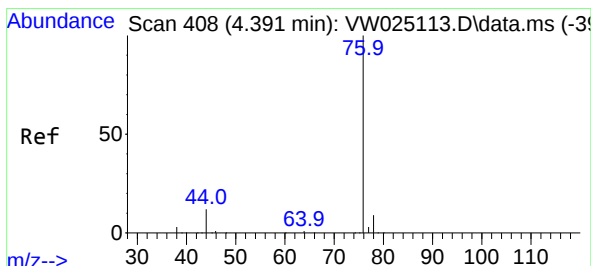
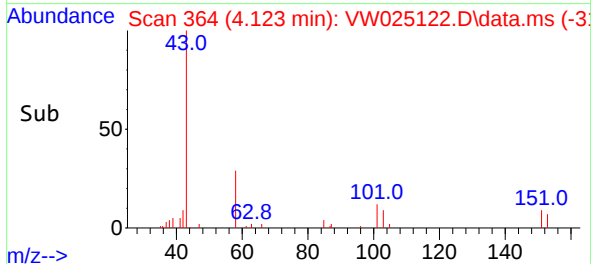
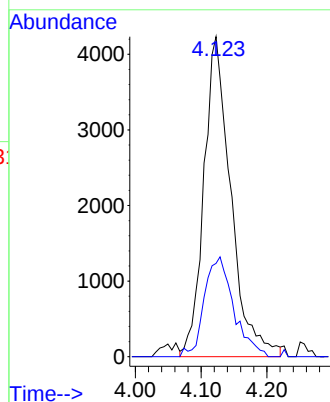
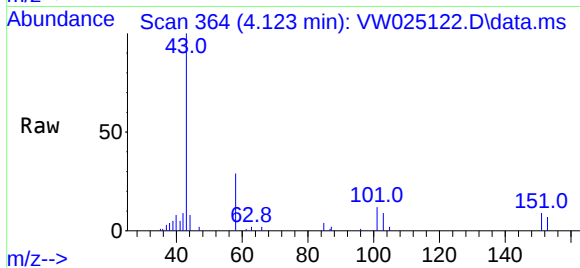
VSTD005474

Tgt Ion: 43 Resp: 12074

Ion Ratio Lower Upper

43 100

58 33.4 0.0 65.2



#14

Carbon disulfide

Concen: 4.414 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.012 min

Lab File: VW025122.D

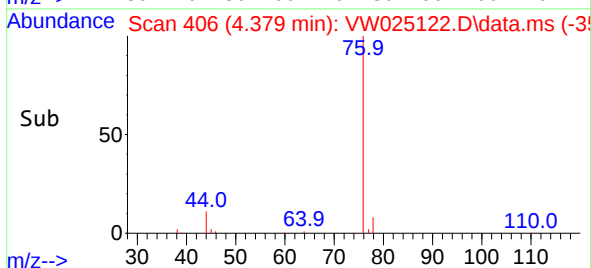
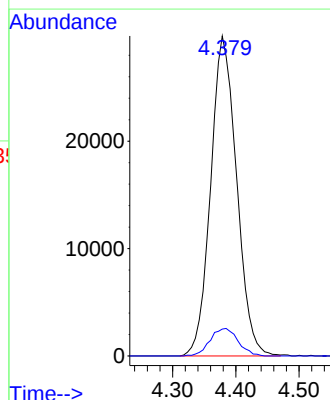
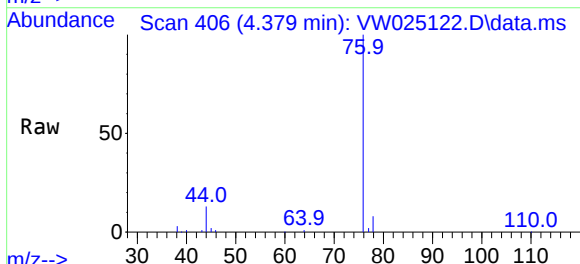
Acq: 08 Dec 2022 09:56

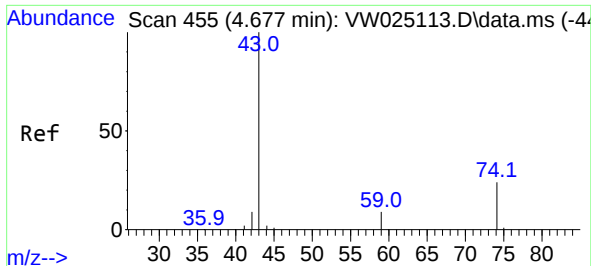
Tgt Ion: 76 Resp: 84785

Ion Ratio Lower Upper

76 100

78 8.4 7.3 10.9

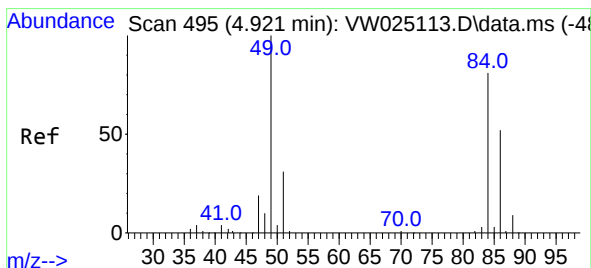
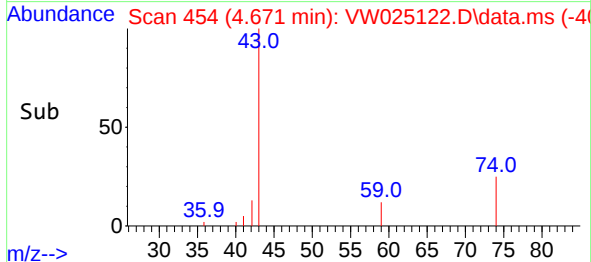
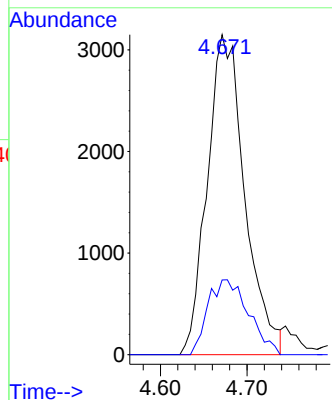
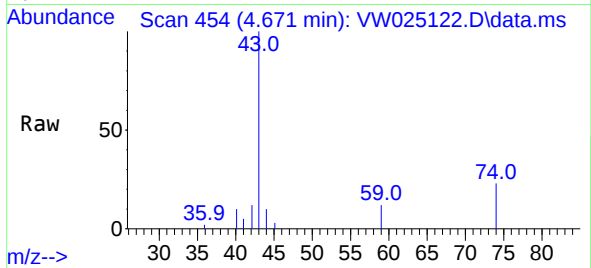




#15
Methyl Acetate
Concen: 4.888 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

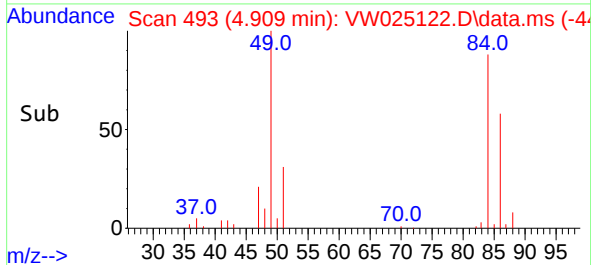
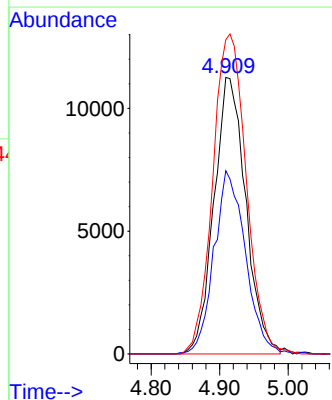
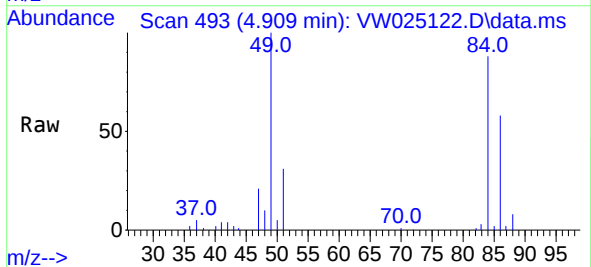
Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

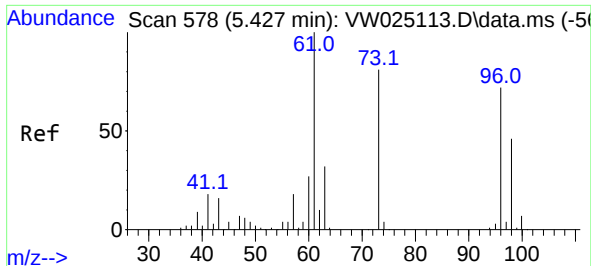
Tgt Ion: 43 Resp: 9467
Ion Ratio Lower Upper
43 100
74 25.4 19.5 29.3



#16
Methylene chloride
Concen: 4.705 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Tgt Ion: 84 Resp: 36268
Ion Ratio Lower Upper
84 100
86 66.3 45.0 83.6
49 113.6 86.3 160.3

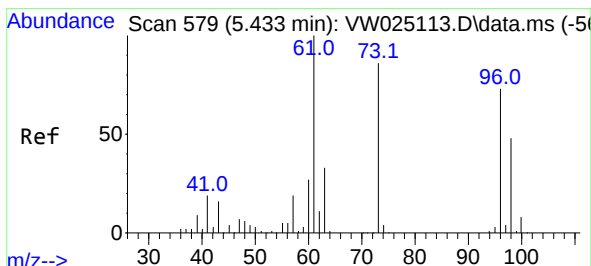
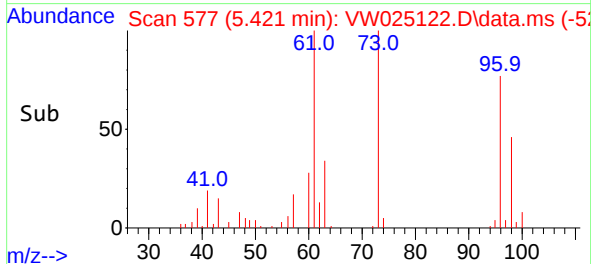
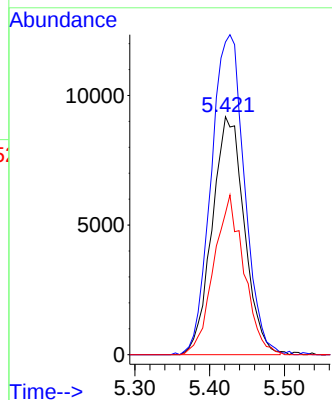
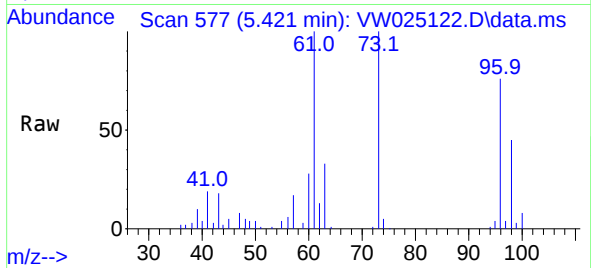




#17
trans-1,2-Dichloroethene
Concen: 4.527 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

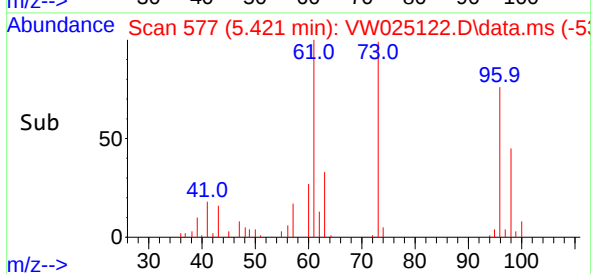
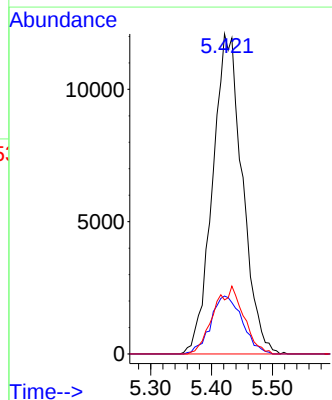
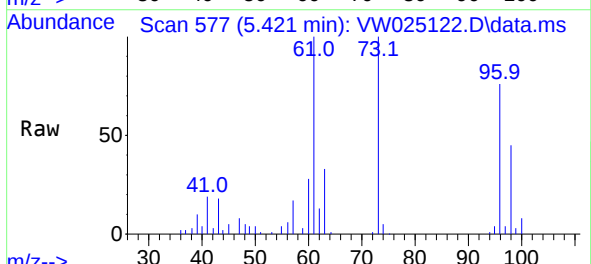
Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

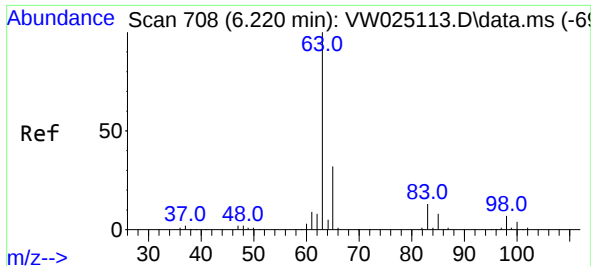
Tgt Ion: 96 Resp: 27547
Ion Ratio Lower Upper
96 100
61 131.5 95.5 177.3
98 59.5 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 5.097 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Tgt Ion: 73 Resp: 41104
Ion Ratio Lower Upper
73 100
43 19.2 15.6 23.4
57 9.6 17.5 26.3#





#19

1,1-Dichloroethane

Concen: 4.700 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW025122.D

Acq: 08 Dec 2022 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD005474

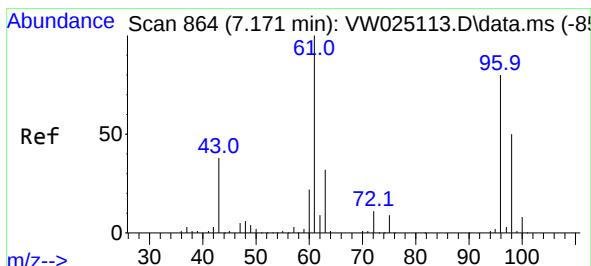
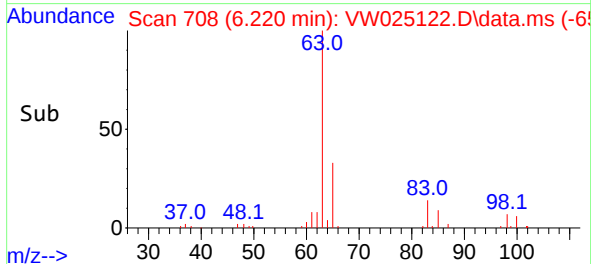
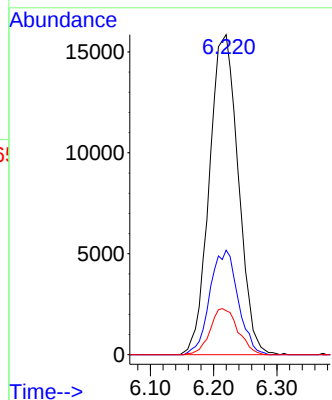
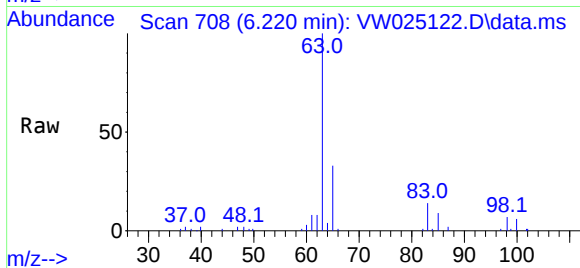
Tgt Ion: 63 Resp: 50392

Ion Ratio Lower Upper

63 100

65 32.6 22.2 41.2

83 13.7 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 4.554 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW025122.D

Acq: 08 Dec 2022 09:56

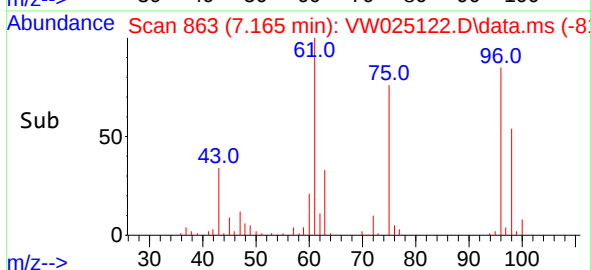
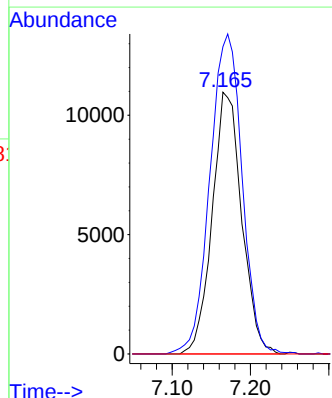
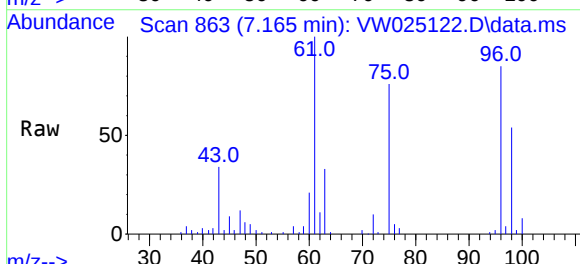
Tgt Ion: 96 Resp: 28700

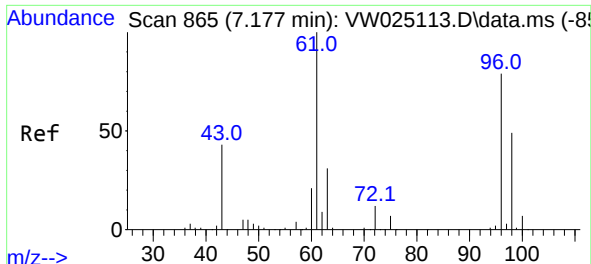
Ion Ratio Lower Upper

96 100

61 117.3 93.7 173.9

68 0.0 0.0 0.0

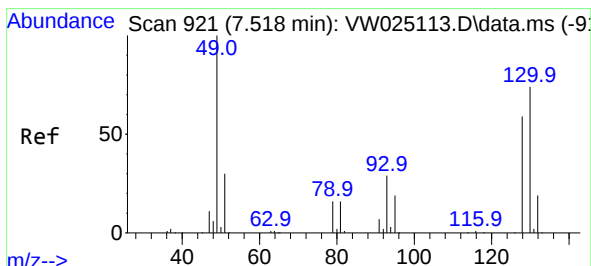
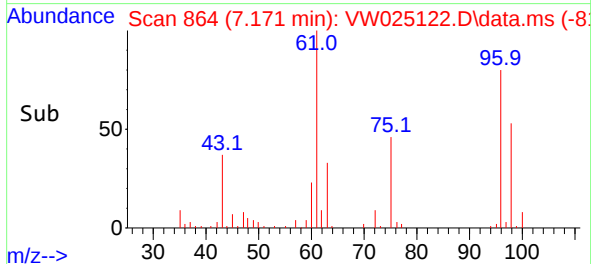
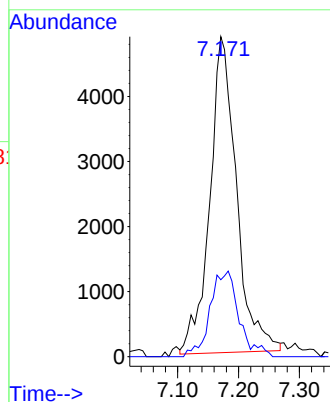
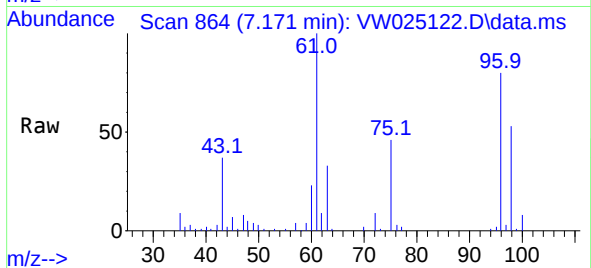




#22
2-Butanone
Concen: 9.915 ug/L
RT: 7.171 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

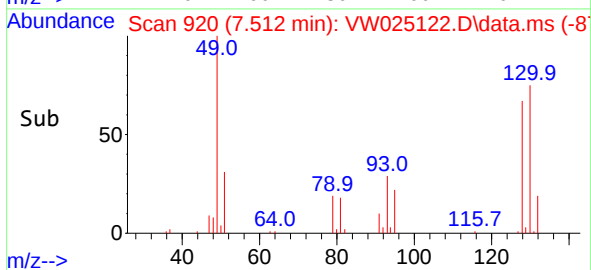
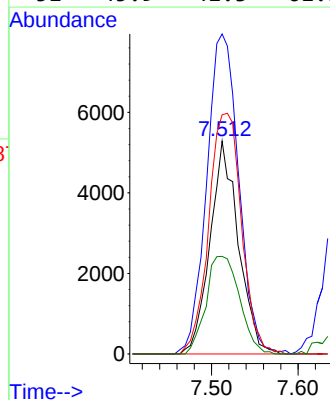
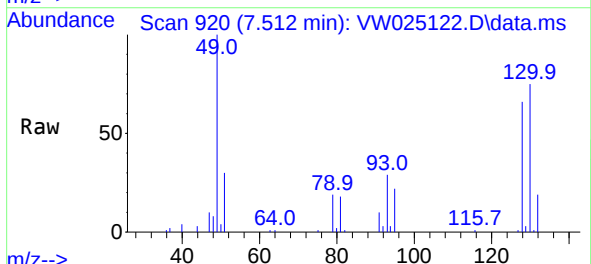
Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

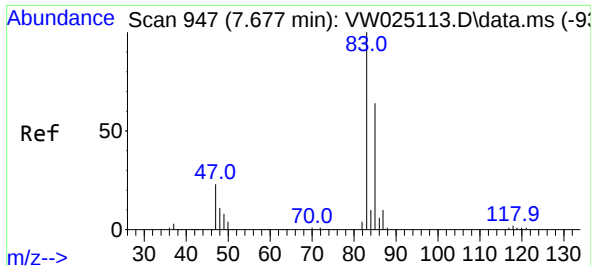
Tgt Ion: 43 Resp: 14830
Ion Ratio Lower Upper
43 100
72 12.8 15.0 45.0#



#23
Bromochloromethane
Concen: 4.709 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Tgt Ion: 128 Resp: 12035
Ion Ratio Lower Upper
128 100
49 150.4 114.1 211.9
130 112.4 89.0 165.2
51 45.9 41.3 61.9





#25

Chloroform

Concen: 4.692 ug/L

RT: 7.677 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW025122.D

Acq: 08 Dec 2022 09:56

Instrument :

MSVOA_W

ClientSampleId :

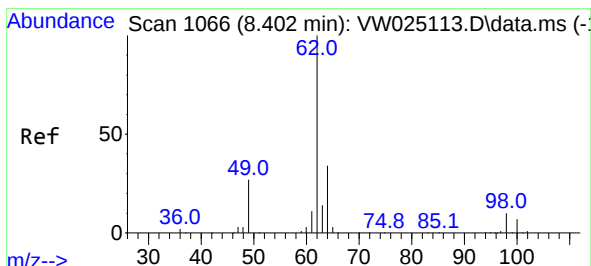
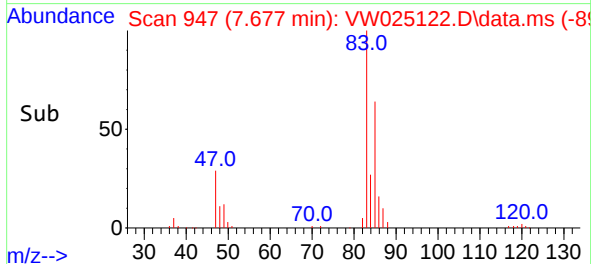
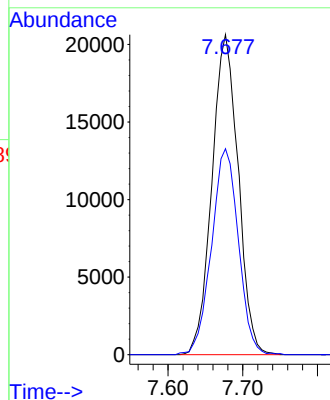
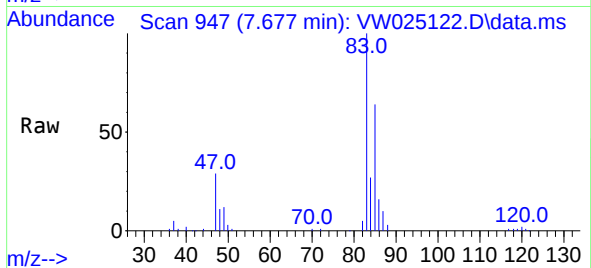
VSTD005474

Tgt Ion: 83 Resp: 50347

Ion Ratio Lower Upper

83 100

85 64.3 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.882 ug/L

RT: 8.402 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW025122.D

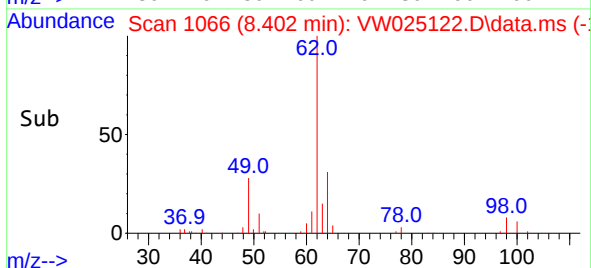
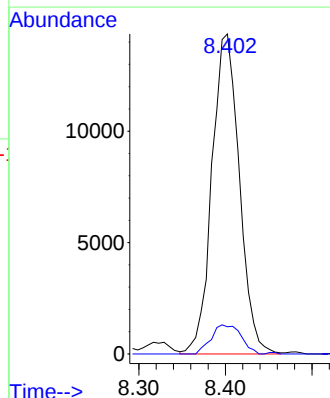
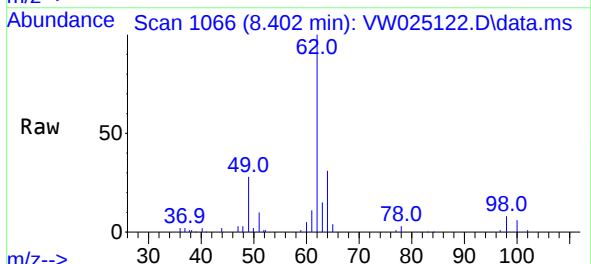
Acq: 08 Dec 2022 09:56

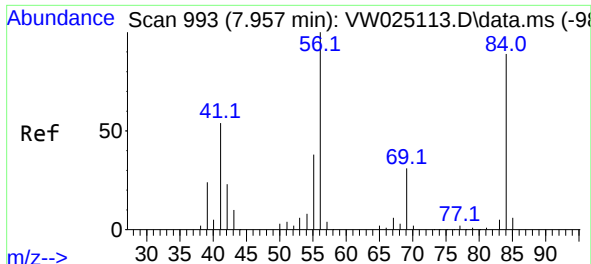
Tgt Ion: 62 Resp: 31620

Ion Ratio Lower Upper

62 100

98 8.5 7.8 11.8



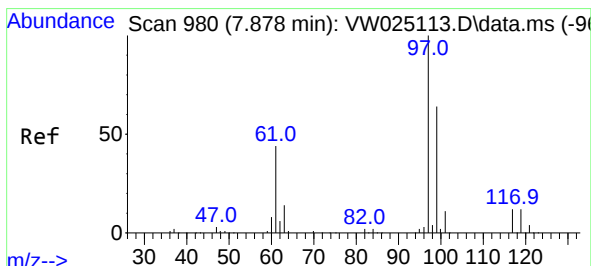
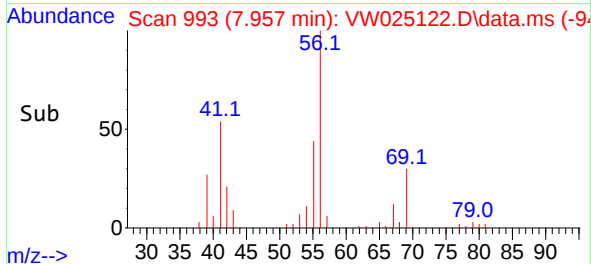
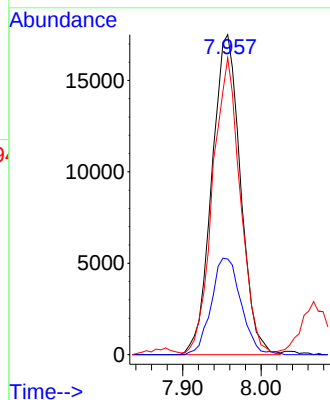
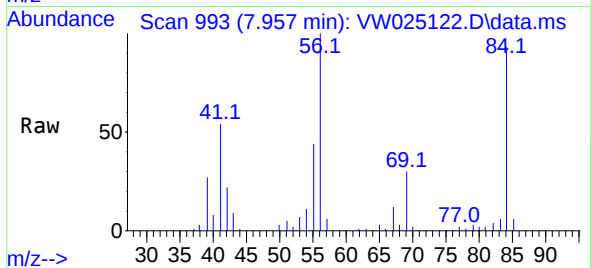


#29
Cyclohexane
Concen: 4.239 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

Tgt Ion: 56 Resp: 44497

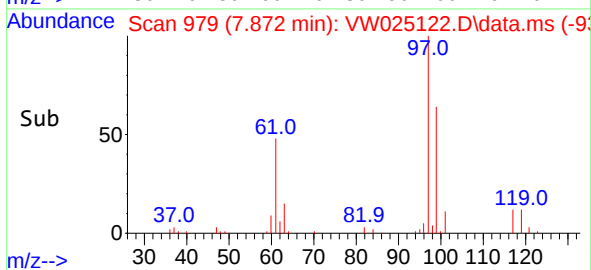
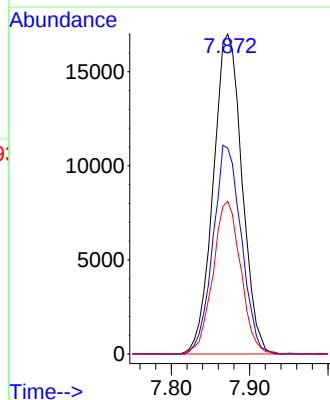
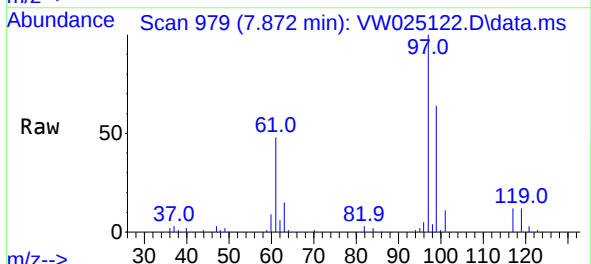
Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.0	37.6
84	89.6	70.9	106.3

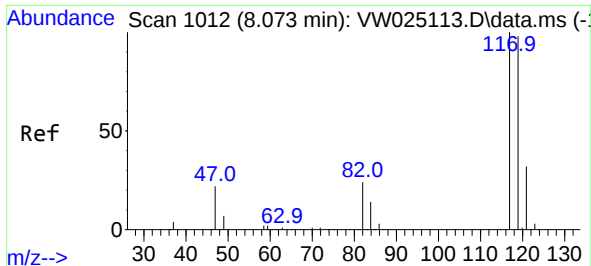


#30
1,1,1-Trichloroethane
Concen: 4.672 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Tgt Ion: 97 Resp: 43334

Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.9	76.3
61	46.1	35.5	53.3

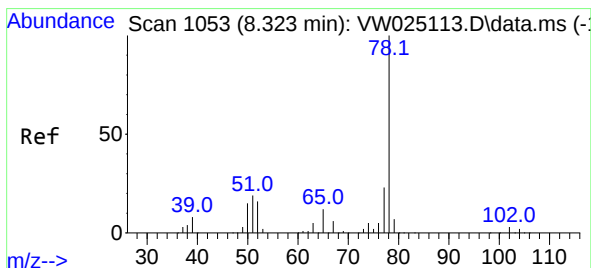
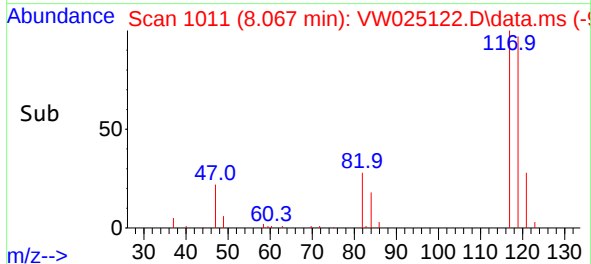
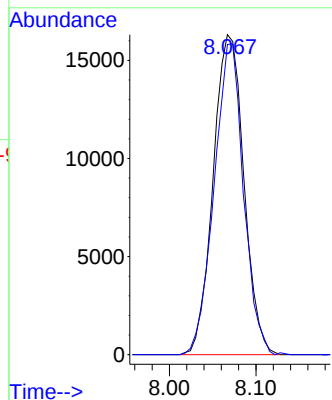
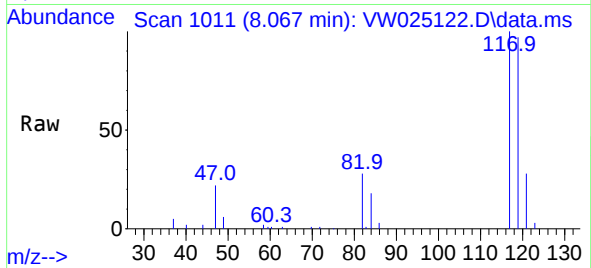




#31
Carbon tetrachloride
Concen: 4.768 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

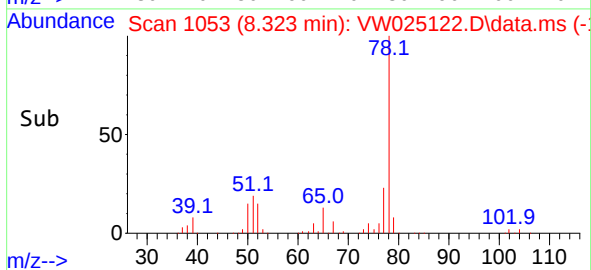
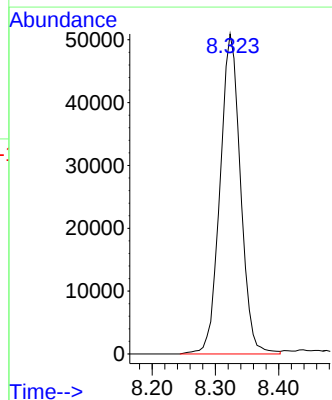
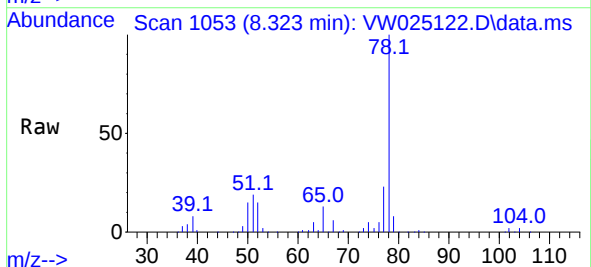
Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

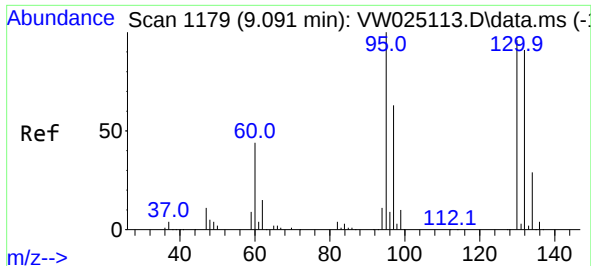
Tgt Ion:117 Resp: 40130
Ion Ratio Lower Upper
117 100
119 93.2 77.0 115.4



#33
Benzene
Concen: 4.646 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Tgt Ion: 78 Resp: 114319



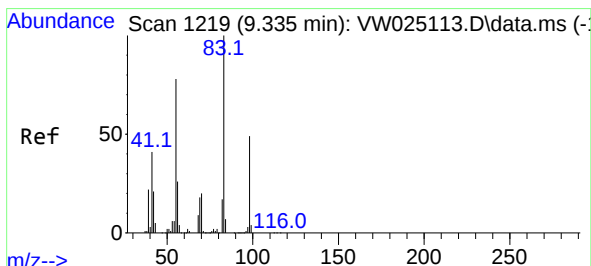
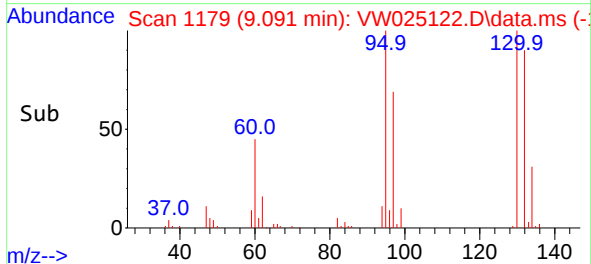
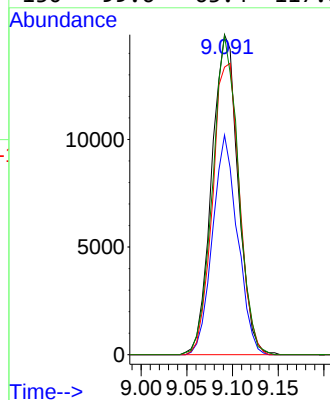
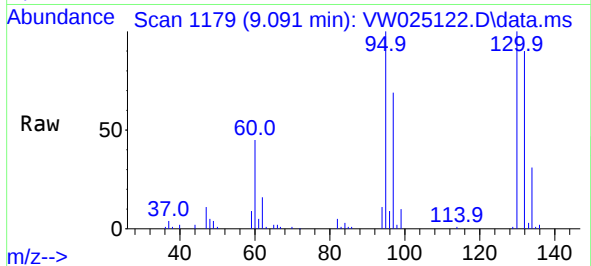


#34
Trichloroethene
Concen: 4.630 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

Tgt Ion: 95 Resp: 29863

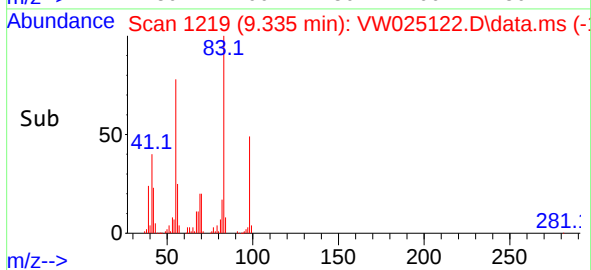
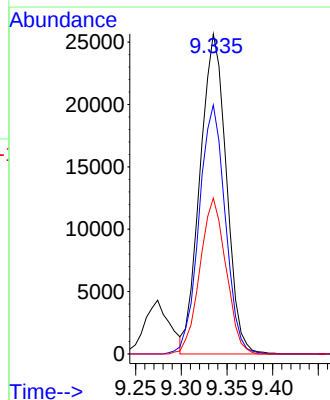
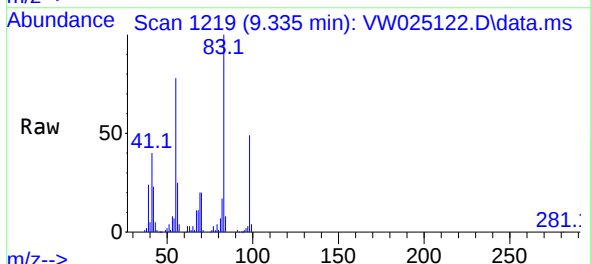
Ion	Ratio	Lower	Upper
95	100		
97	68.6	44.3	82.3
132	89.9	63.0	117.0
130	99.6	63.4	117.8

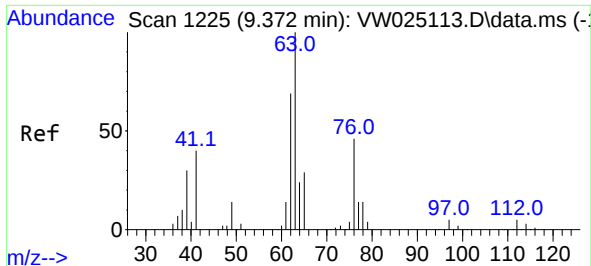


#35
Methylcyclohexane
Concen: 4.400 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Tgt Ion: 83 Resp: 51330

Ion	Ratio	Lower	Upper
83	100		
55	77.3	59.3	88.9
98	48.2	38.6	57.8





#37

1,2-Dichloropropane

Concen: 4.481 ug/L

RT: 9.372 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025122.D

Acq: 08 Dec 2022 09:56

Instrument :

MSVOA_W

ClientSampleId :

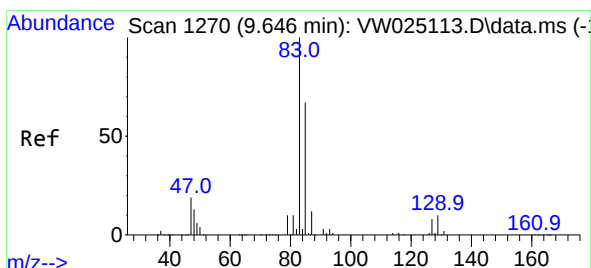
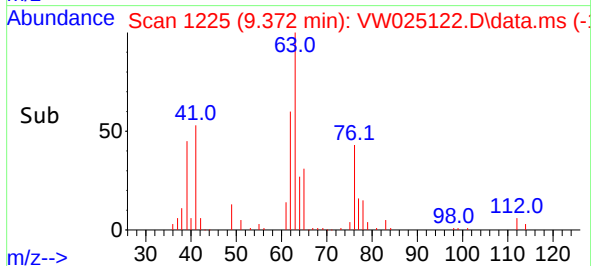
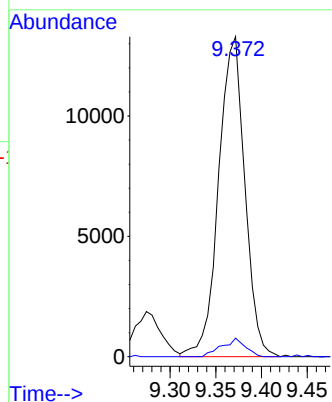
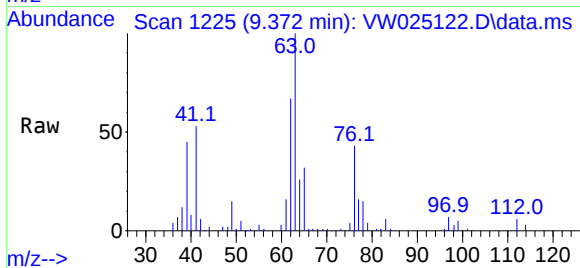
VSTD005474

Tgt Ion: 63 Resp: 26531

Ion Ratio Lower Upper

63 100

112 3.4 3.4 5.2#



#38

Bromodichloromethane

Concen: 4.727 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW025122.D

Acq: 08 Dec 2022 09:56

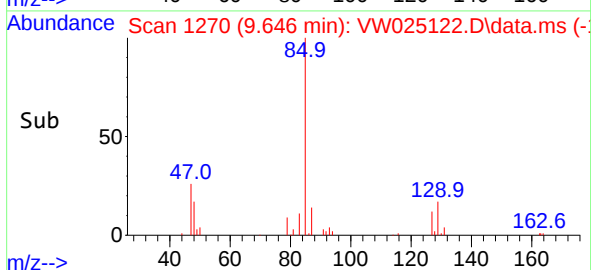
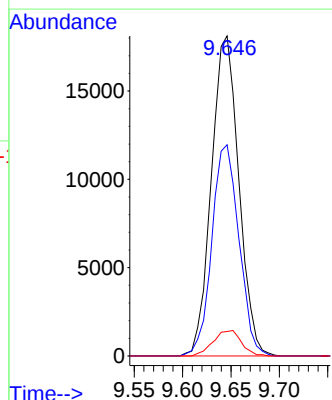
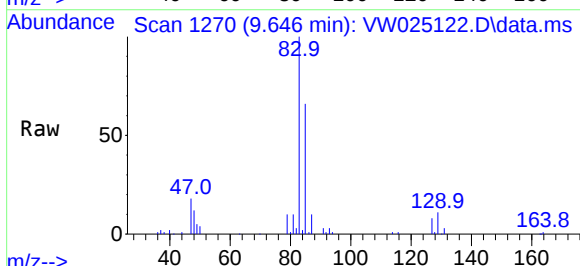
Tgt Ion: 83 Resp: 35749

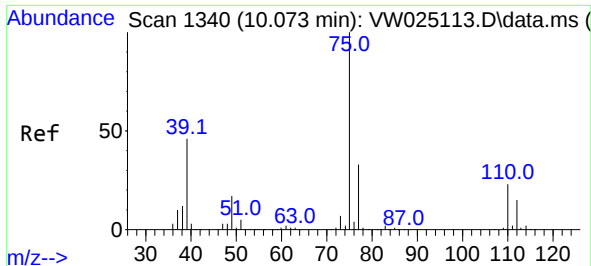
Ion Ratio Lower Upper

83 100

85 66.0 44.2 82.2

127 7.7 6.6 10.0

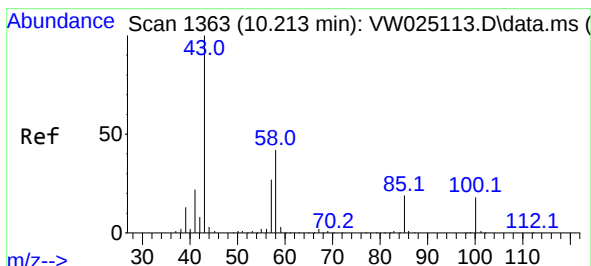
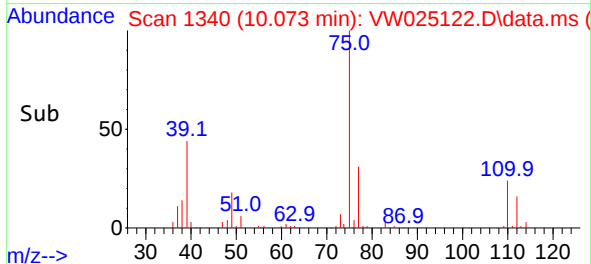
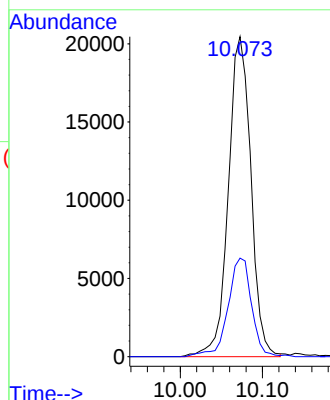
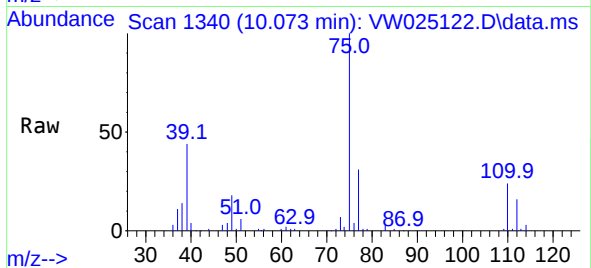




#39
cis-1,3-Dichloropropene
Concen: 4.398 ug/L
RT: 10.073 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

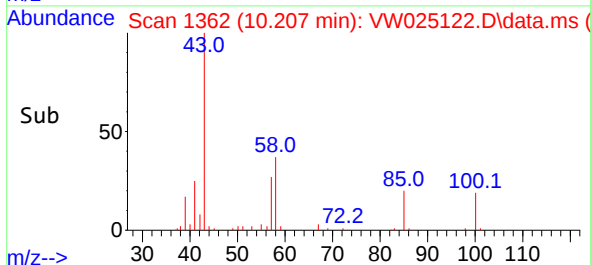
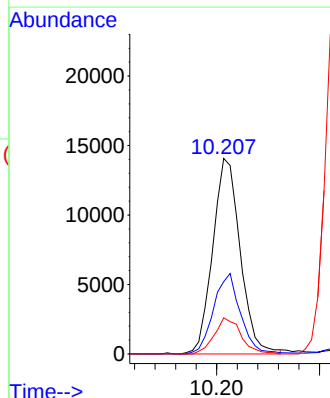
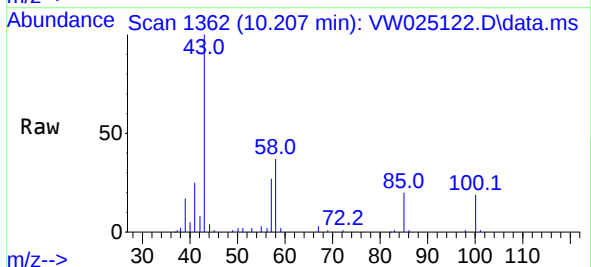
Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

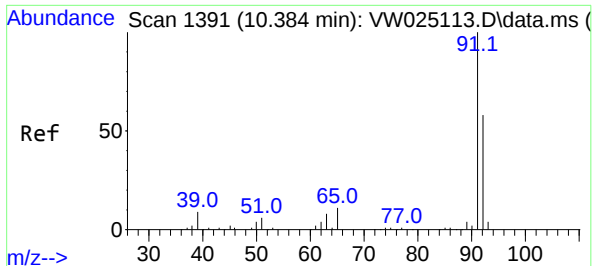
Tgt Ion: 75 Resp: 39020
Ion Ratio Lower Upper
75 100
77 30.8 23.2 43.0



#40
4-Methyl-2-pentanone
Concen: 9.996 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Tgt Ion: 43 Resp: 26144
Ion Ratio Lower Upper
43 100
58 40.5 33.3 49.9
100 18.0 13.8 20.6





#42

Toluene

Concen: 4.549 ug/L

RT: 10.384 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025122.D

Acq: 08 Dec 2022 09:56

Instrument :

MSVOA_W

ClientSampleId :

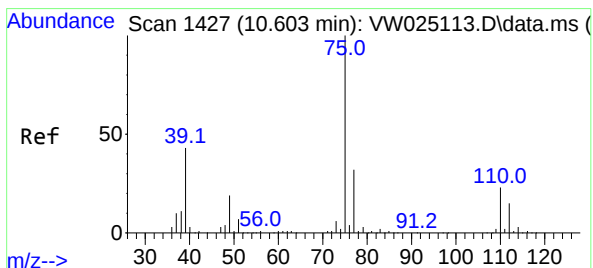
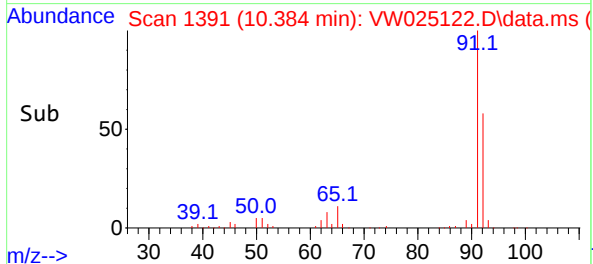
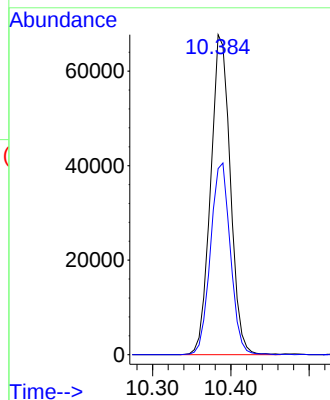
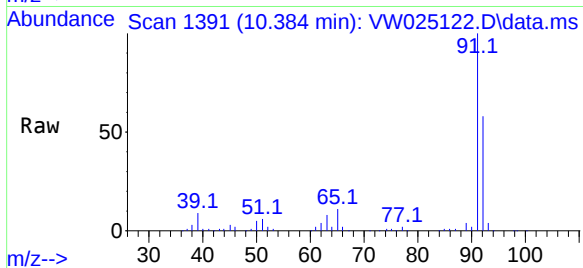
VSTD005474

Tgt Ion: 91 Resp: 118020

Ion Ratio Lower Upper

91 100

92 58.1 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.629 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW025122.D

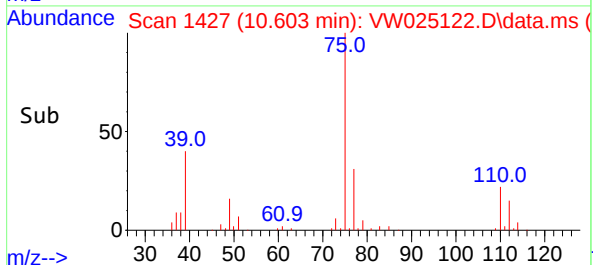
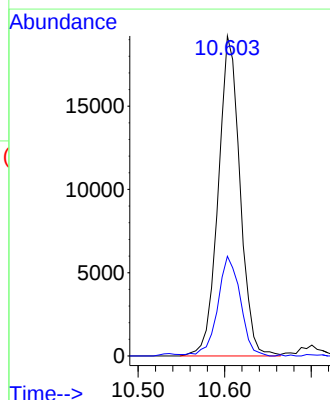
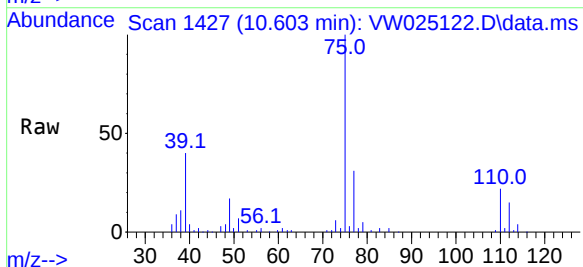
Acq: 08 Dec 2022 09:56

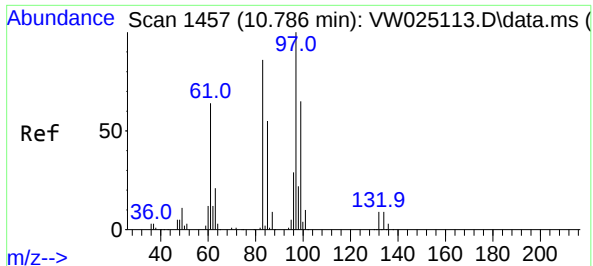
Tgt Ion: 75 Resp: 33548

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.7

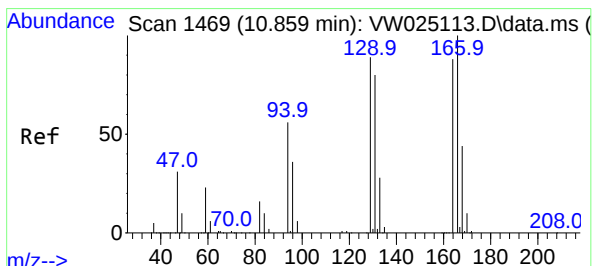
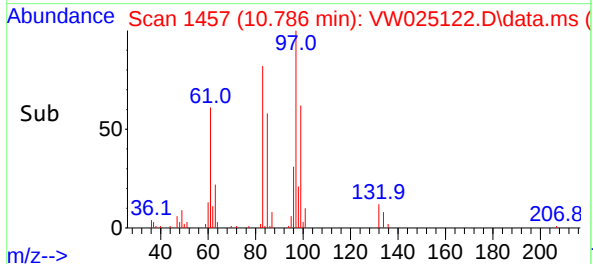
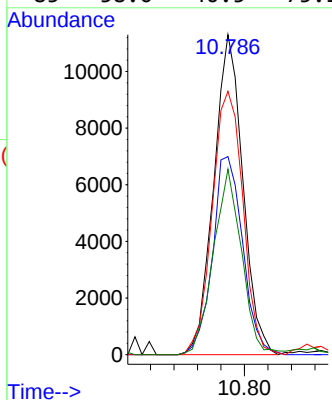
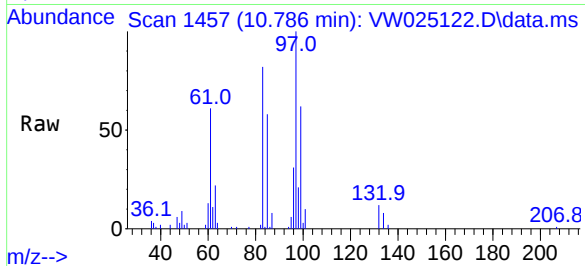




#45
1,1,2-Trichloroethane
Concen: 4.897 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

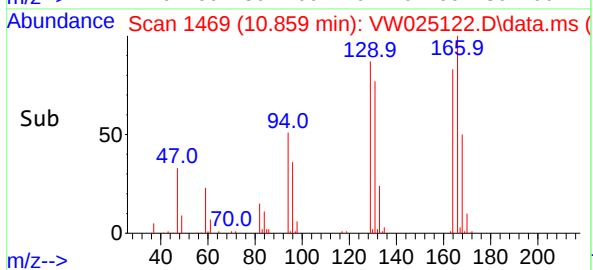
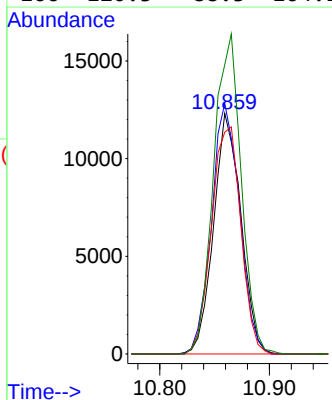
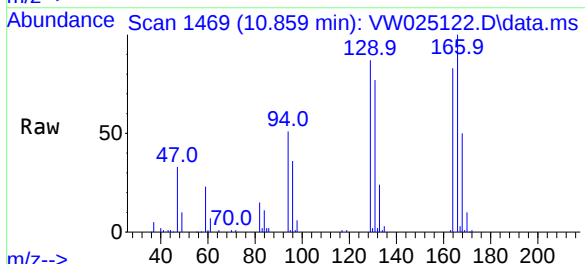
Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

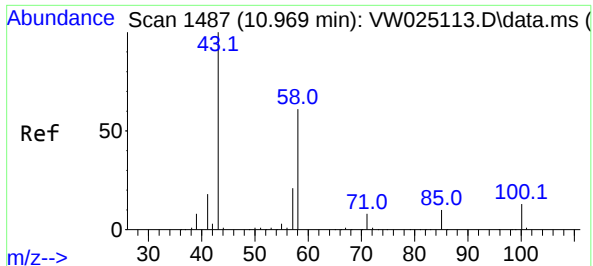
Tgt Ion:	97	Resp:	19403
Ion	Ratio	Lower	Upper
97	100		
99	61.9	44.3	82.3
83	82.3	61.3	113.9
85	58.0	40.5	75.1



#46
Tetrachloroethene
Concen: 4.453 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Tgt Ion:	164	Resp:	21359
Ion	Ratio	Lower	Upper
164	100		
129	104.2	73.4	136.4
131	92.2	70.8	131.4
166	120.3	88.3	164.1

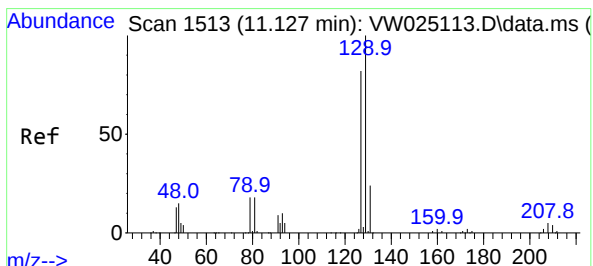
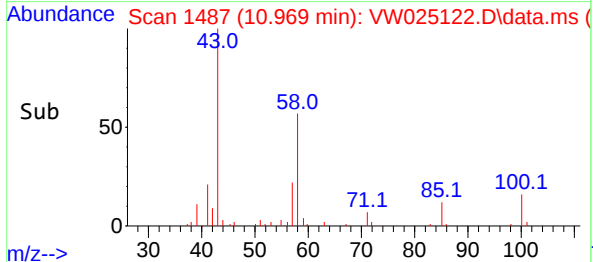
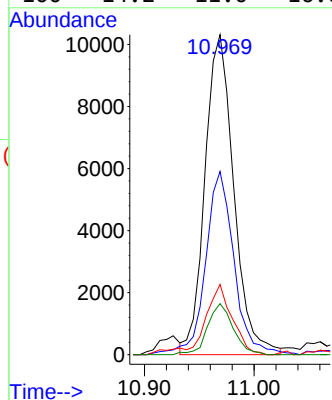
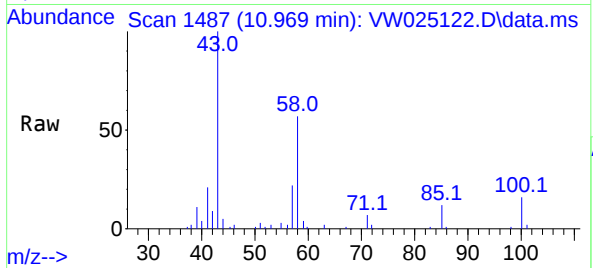




#48
2-Hexanone
Concen: 10.010 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

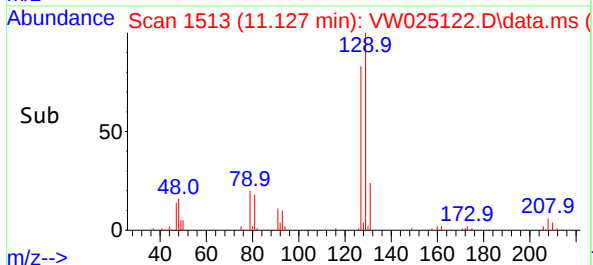
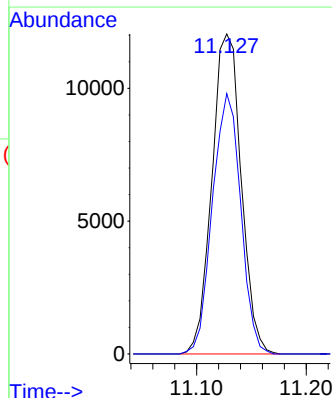
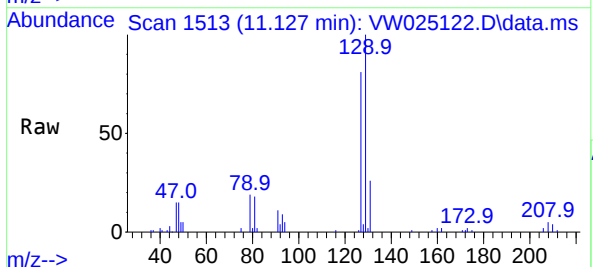
Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

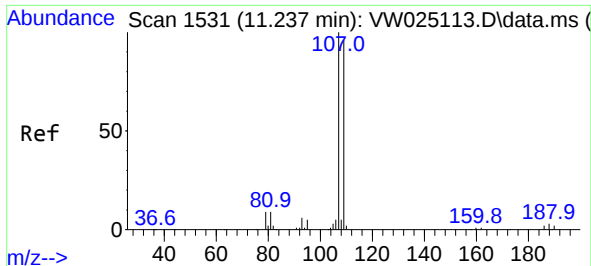
Tgt Ion: 43	Resp:	18912	
Ion	Ratio	Lower	Upper
43	100		
58	56.4	46.6	69.8
57	19.3	16.7	25.1
100	14.2	11.0	16.6



#49
Dibromochloromethane
Concen: 4.732 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Tgt Ion:129	Resp:	22402	
Ion	Ratio	Lower	Upper
129	100		
127	81.3	49.7	92.3





#50

1,2-Dibromoethane

Concen: 4.816 ug/L

RT: 11.237 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025122.D

Acq: 08 Dec 2022 09:56

Instrument :

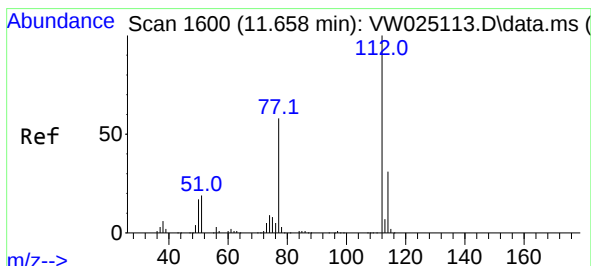
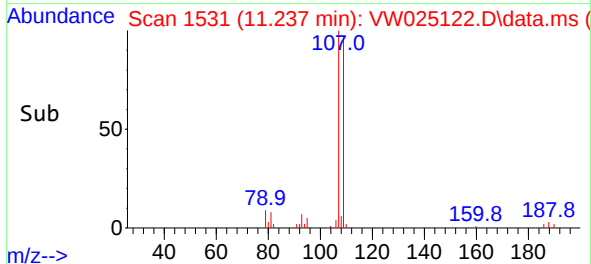
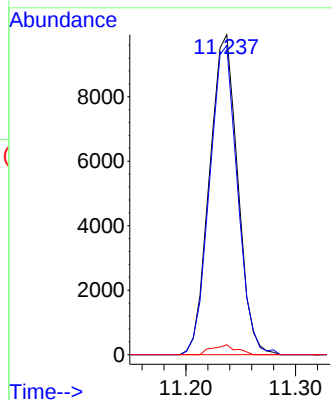
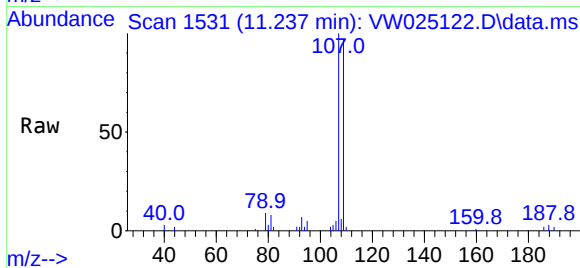
MSVOA_W

ClientSampleId :

VSTD005474

Tgt Ion:107 Resp: 17718

Ion	Ratio	Lower	Upper
107	100		
109	96.6	66.8	124.2
188	3.1	2.9	4.3



#51

Chlorobenzene

Concen: 4.658 ug/L

RT: 11.658 min Scan# 1600

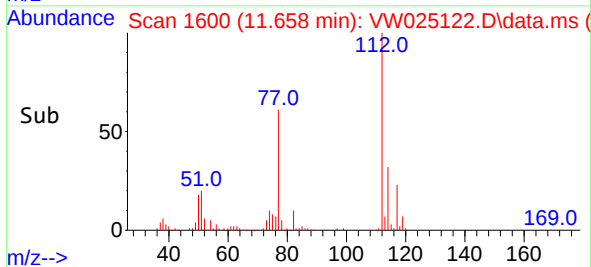
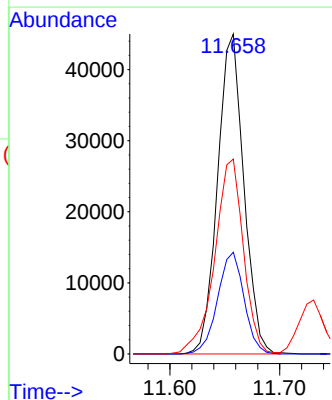
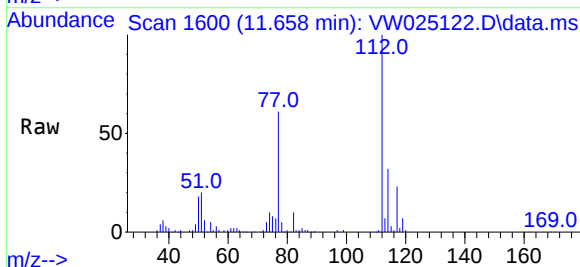
Delta R.T. -0.000 min

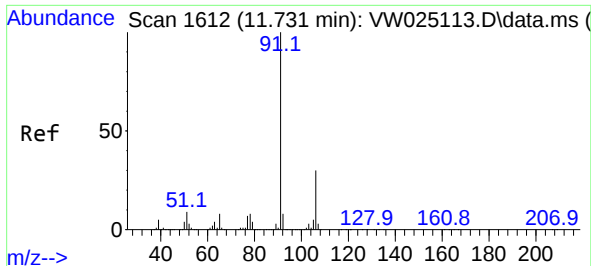
Lab File: VW025122.D

Acq: 08 Dec 2022 09:56

Tgt Ion:112 Resp: 74968

Ion	Ratio	Lower	Upper
112	100		
114	31.8	23.2	43.2
77	60.9	47.2	70.8

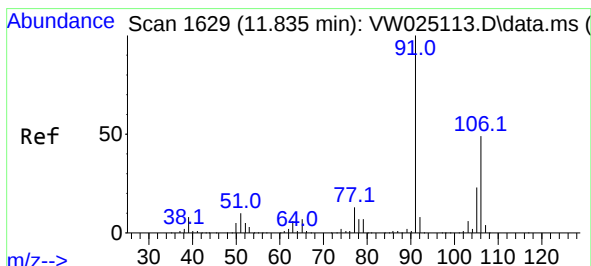
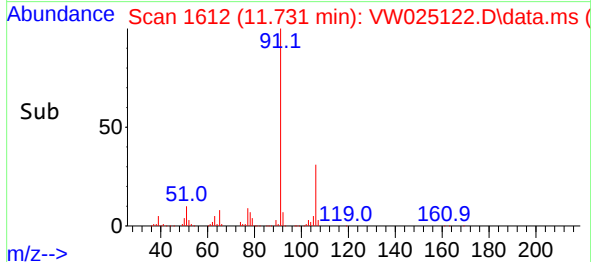
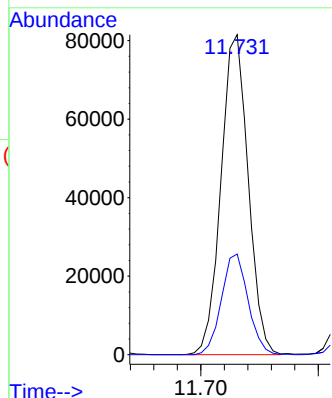
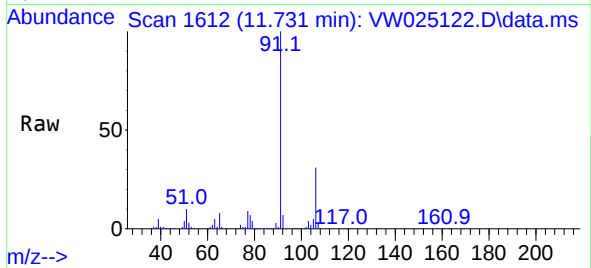




#52
Ethylbenzene
Concen: 4.488 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

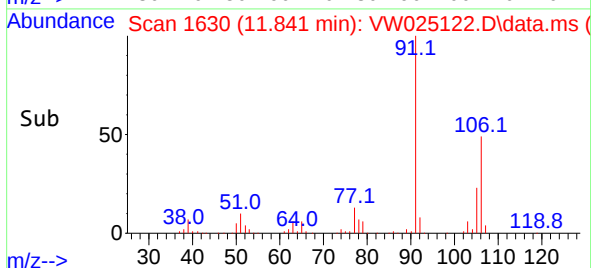
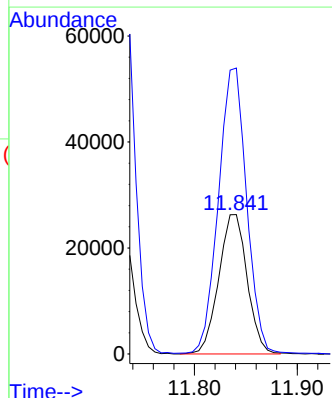
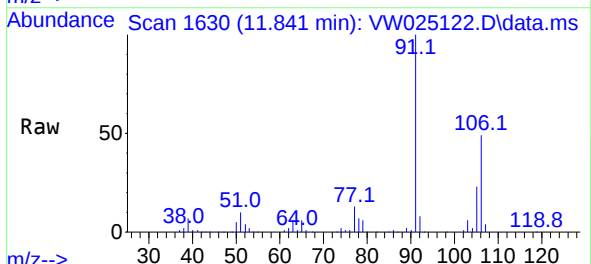
Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

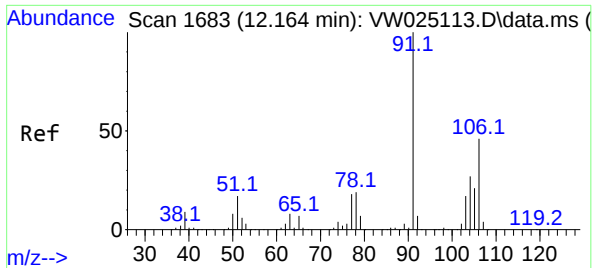
Tgt Ion: 91 Resp: 131034
Ion Ratio Lower Upper
91 100
106 31.5 21.9 40.7



#53
m,p-Xylene
Concen: 4.510 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Tgt Ion: 106 Resp: 50519
Ion Ratio Lower Upper
106 100
91 205.1 139.7 259.4

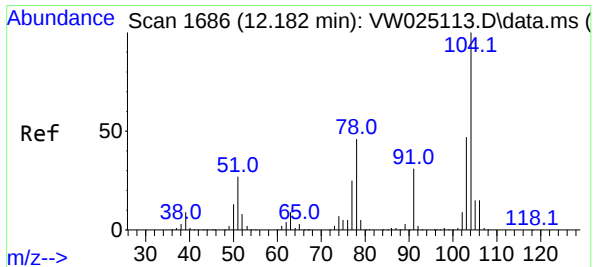
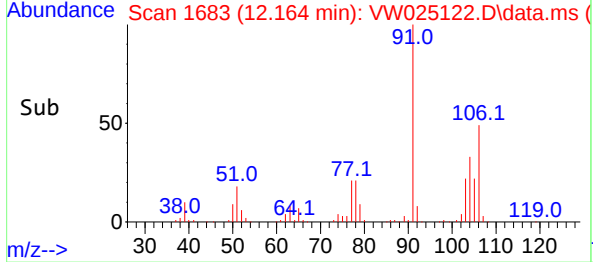
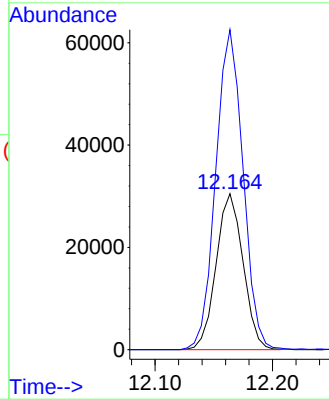
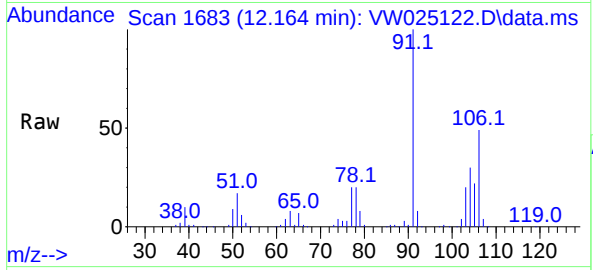




#54
o-Xylene
Concen: 4.646 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

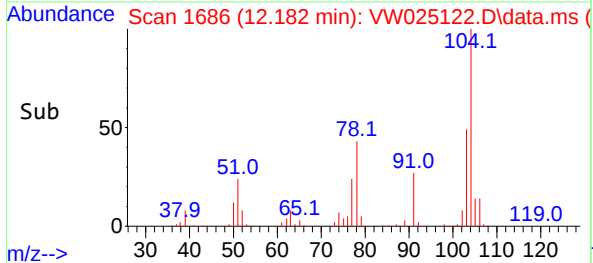
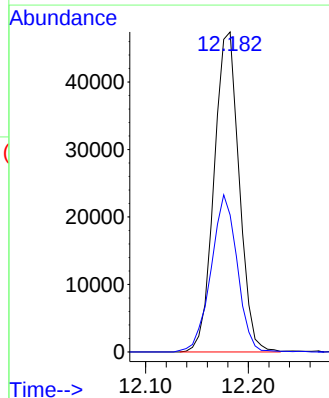
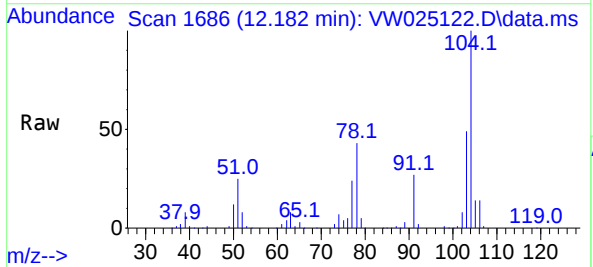
Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

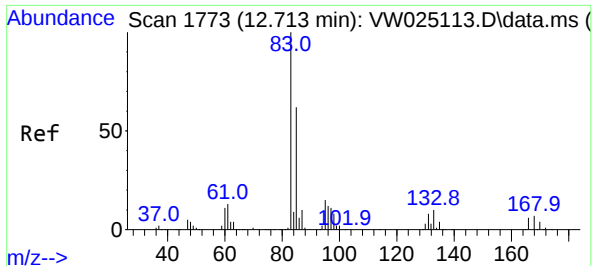
Tgt Ion:106 Resp: 48599
Ion Ratio Lower Upper
106 100
91 205.1 148.8 276.4



#55
Styrene
Concen: 4.573 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Tgt Ion:104 Resp: 80192
Ion Ratio Lower Upper
104 100
78 42.8 34.4 63.8

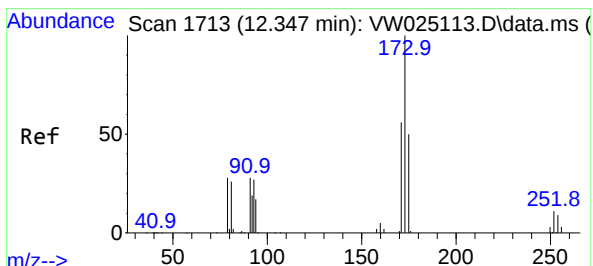
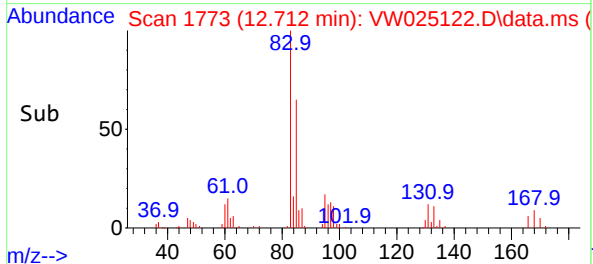
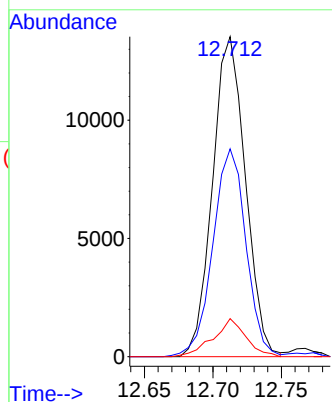
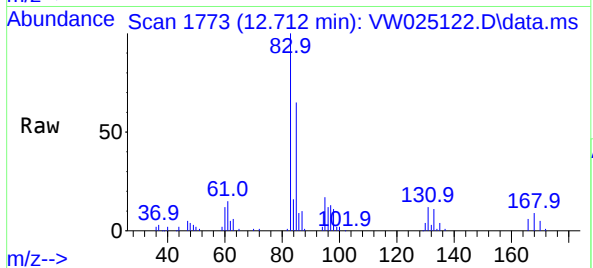




#57
1,1,2,2-Tetrachloroethane
Concen: 5.164 ug/L
RT: 12.712 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

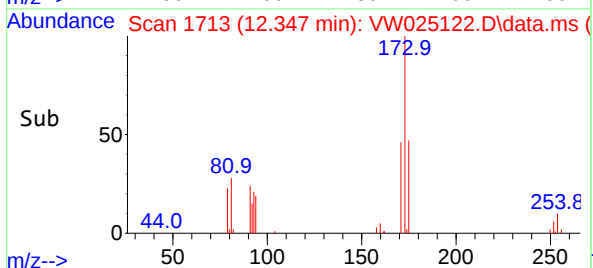
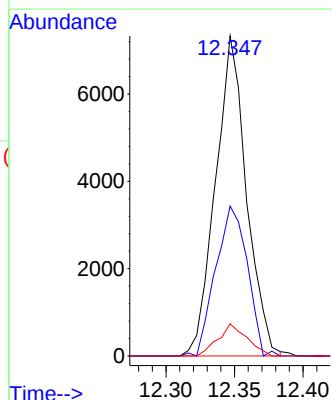
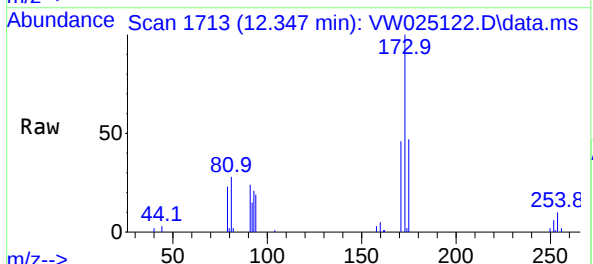
Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

Tgt Ion:	83	Resp:	22591
Ion	Ratio	Lower	Upper
83	100		
85	65.0	46.8	87.0
131	11.9	8.2	12.2

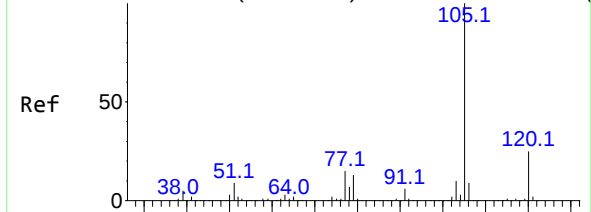


#59
Bromoform
Concen: 4.798 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Tgt Ion:	173	Resp:	11527
Ion	Ratio	Lower	Upper
173	100		
175	47.3	37.4	56.0
254	9.4	6.8	10.2



Abundance Scan 1732 (12.463 min): VW025113.D\data.ms (



#60

Isopropylbenzene

Concen: 4.331 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025122.D

Acq: 08 Dec 2022 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD005474

Tgt Ion:105 Resp: 131378

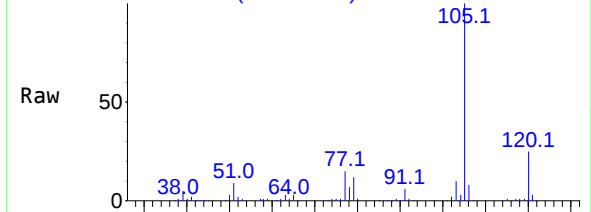
Ion Ratio Lower Upper

105 100

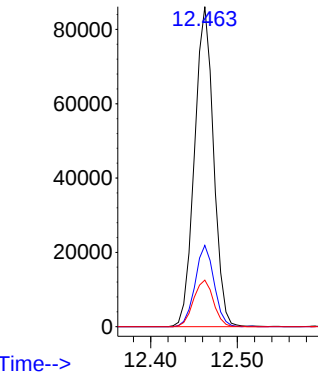
120 25.3 20.6 31.0

77 15.2 12.6 19.0

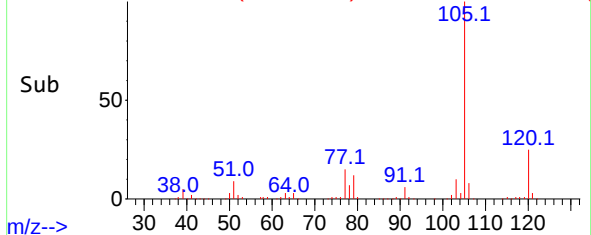
Abundance Scan 1732 (12.463 min): VW025122.D\data.ms



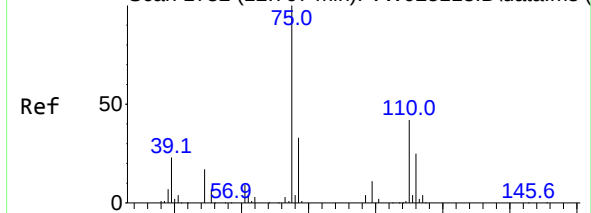
Abundance



Abundance Scan 1732 (12.463 min): VW025122.D\data.ms (



Abundance Scan 1782 (12.767 min): VW025113.D\data.ms (



#61

1,2,3-Trichloropropane

Concen: 4.934 ug/L

RT: 12.767 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW025122.D

Acq: 08 Dec 2022 09:56

Tgt Ion: 75 Resp: 16547

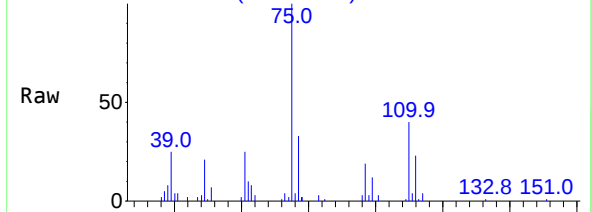
Ion Ratio Lower Upper

75 100

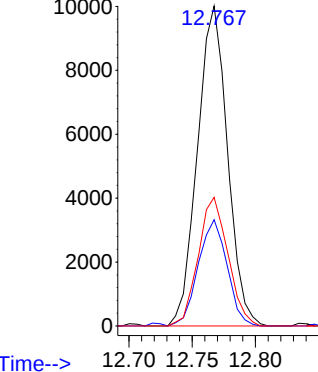
77 31.8 26.6 40.0

110 39.8 31.7 47.5

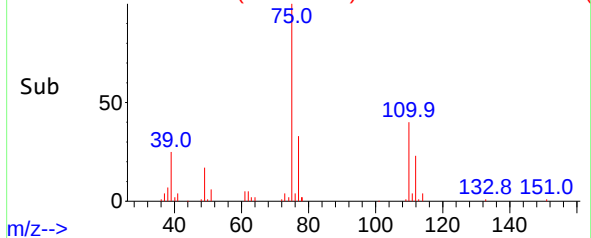
Abundance Scan 1782 (12.767 min): VW025122.D\data.ms

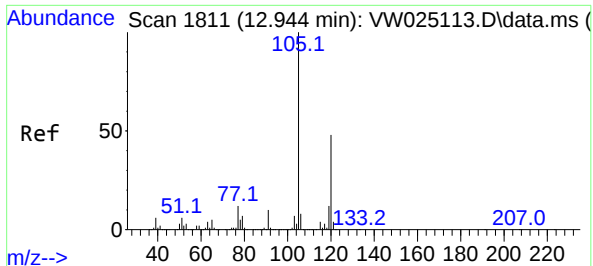


Abundance



Abundance Scan 1782 (12.767 min): VW025122.D\data.ms (





#62

1,3,5-Trimethylbenzene

Concen: 4.142 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW025122.D

Acq: 08 Dec 2022 09:56

Instrument :

MSVOA_W

ClientSampleId :

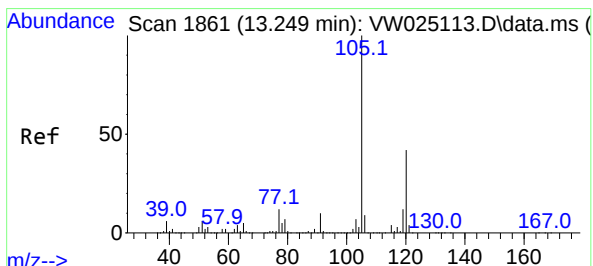
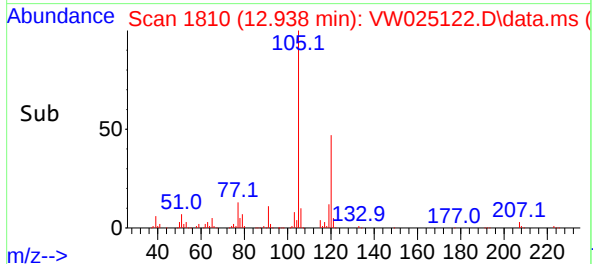
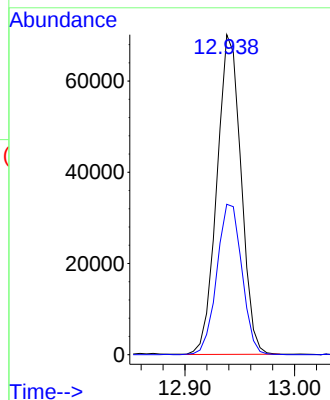
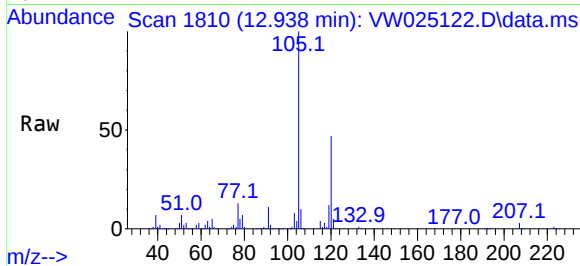
VSTD005474

Tgt Ion:105 Resp: 107361

Ion Ratio Lower Upper

105 100

120 48.9 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 4.228 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW025122.D

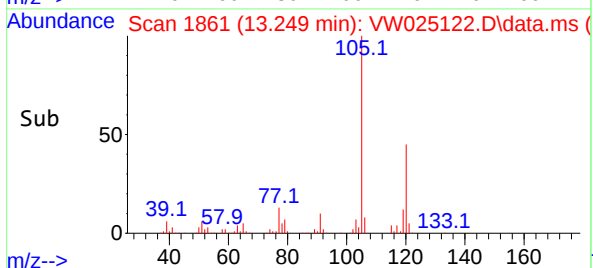
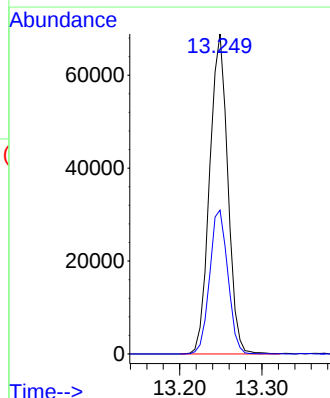
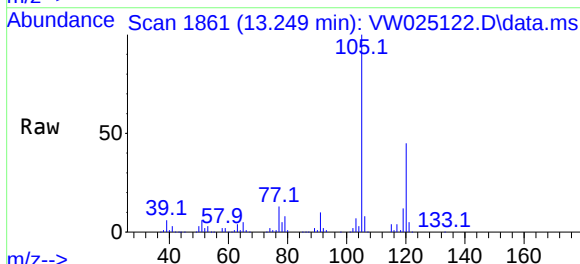
Acq: 08 Dec 2022 09:56

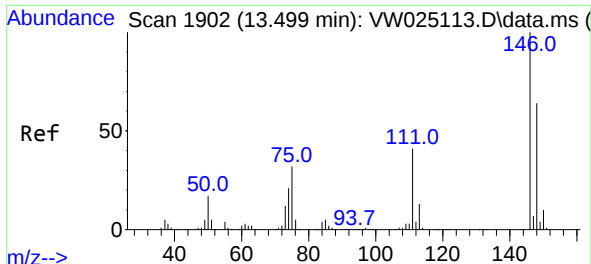
Tgt Ion:105 Resp: 105688

Ion Ratio Lower Upper

105 100

120 44.9 36.1 54.1



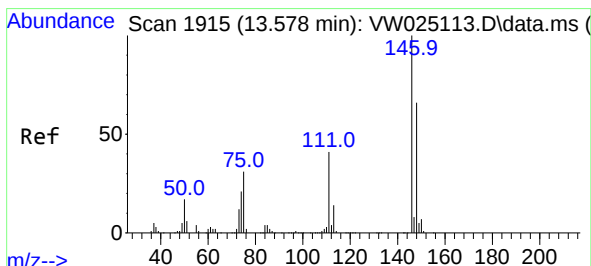
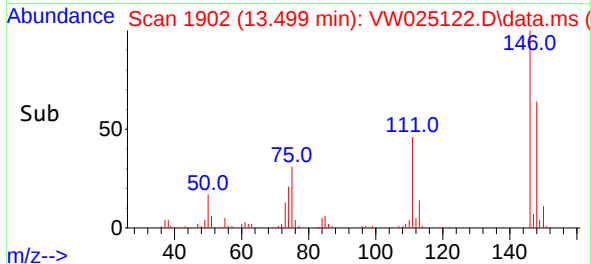
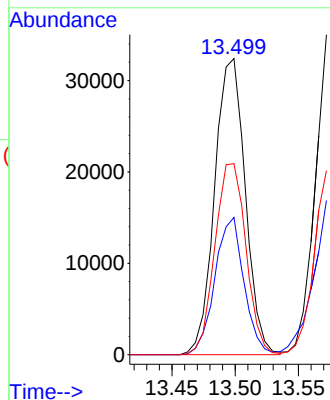
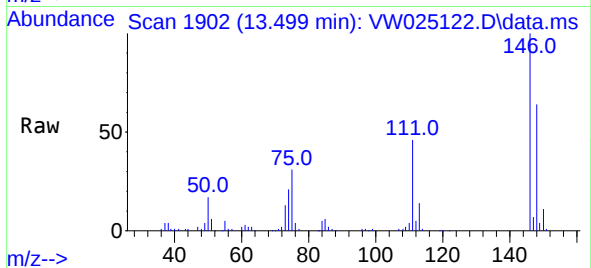


#64
1,3-Dichlorobenzene
Concen: 4.445 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

Tgt Ion:146 Resp: 54555

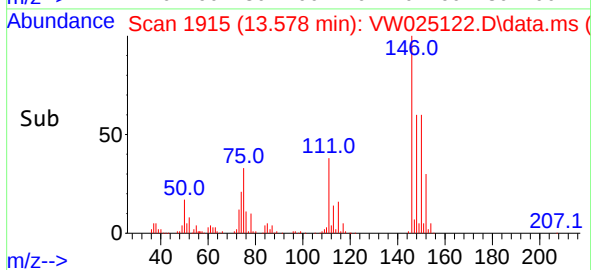
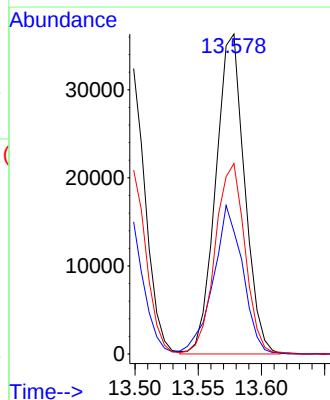
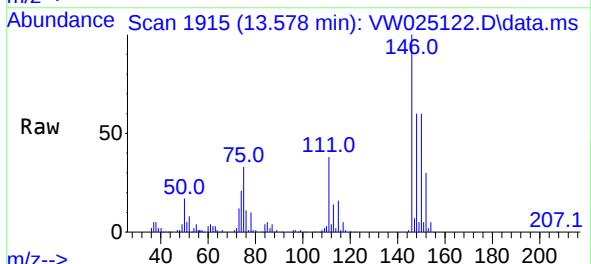
Ion	Ratio	Lower	Upper
146	100		
111	46.3	30.2	56.0
148	64.5	44.9	83.5

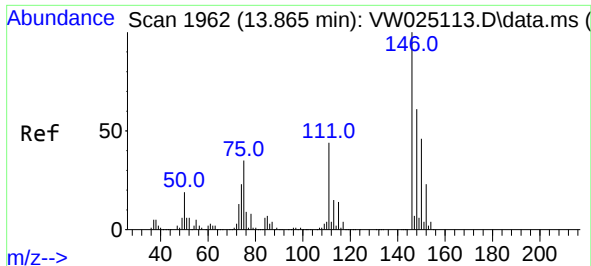


#65
1,4-Dichlorobenzene
Concen: 4.741 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Tgt Ion:146 Resp: 57676

Ion	Ratio	Lower	Upper
146	100		
111	38.2	27.4	51.0
148	59.5	41.6	77.3

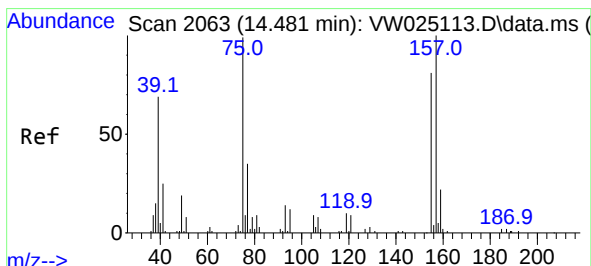
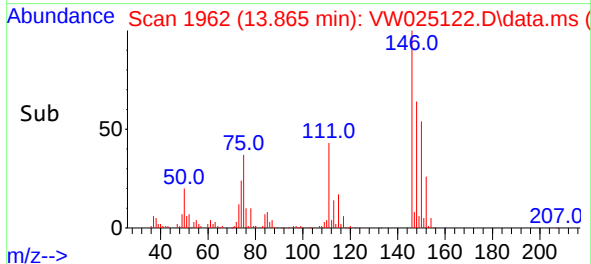
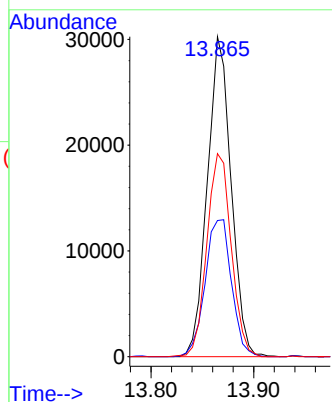
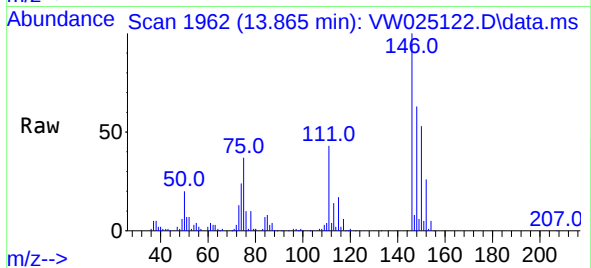




#67
1,2-Dichlorobenzene
Concen: 4.577 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

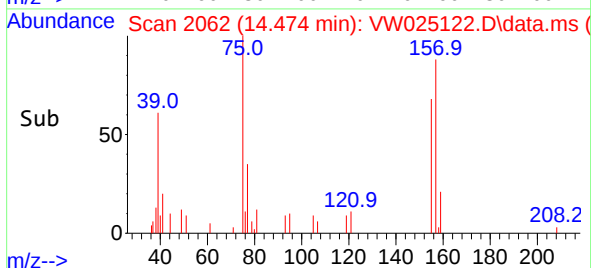
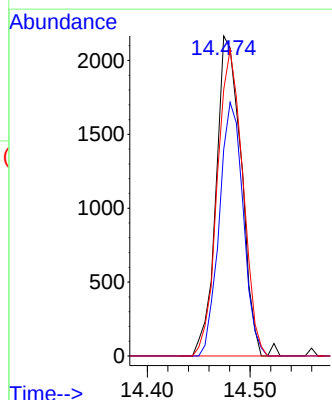
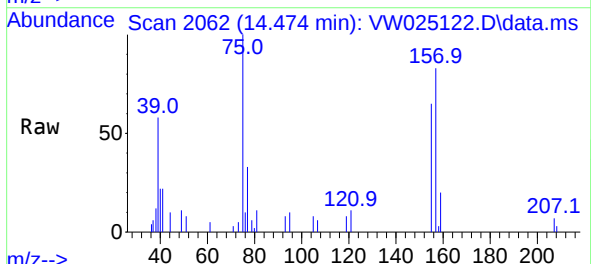
Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

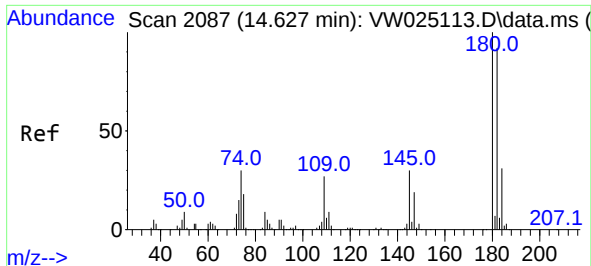
Tgt Ion:146 Resp: 48636
Ion Ratio Lower Upper
146 100
111 42.5 34.3 51.5
148 63.5 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.476 ug/L
RT: 14.474 min Scan# 2062
Delta R.T. -0.006 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Tgt Ion: 75 Resp: 3688
Ion Ratio Lower Upper
75 100
155 64.5 60.3 90.5
157 83.2 84.9 127.3#

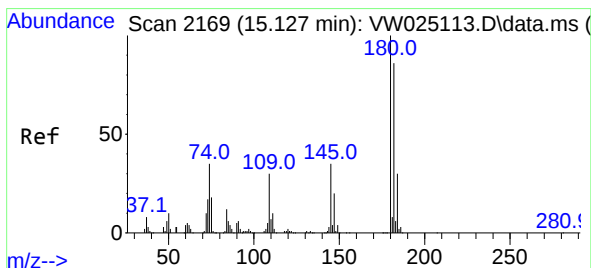
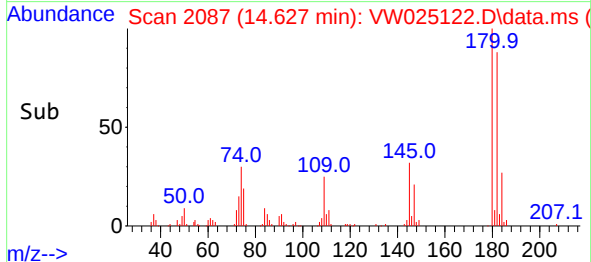
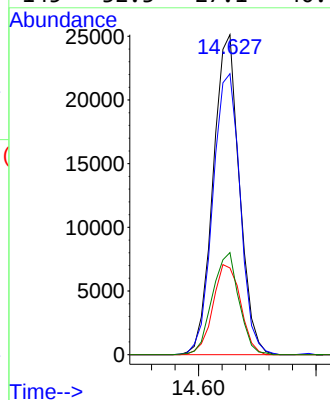
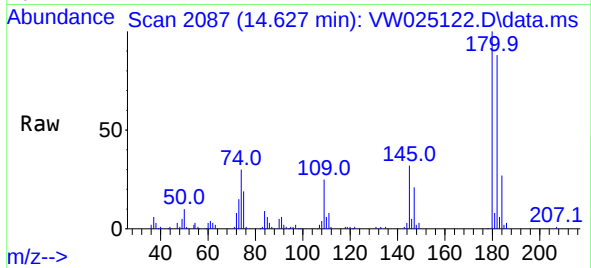




#69
1,3,5-Trichlorobenzene
Concen: 4.944 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

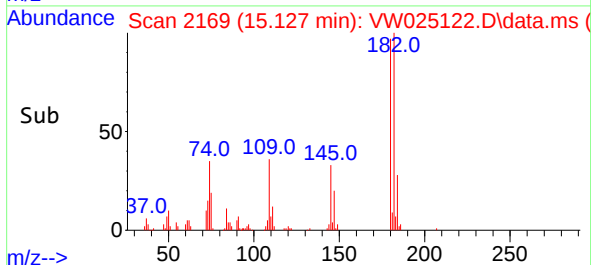
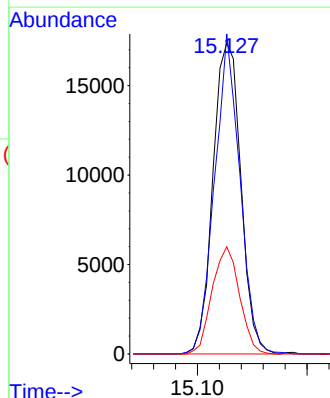
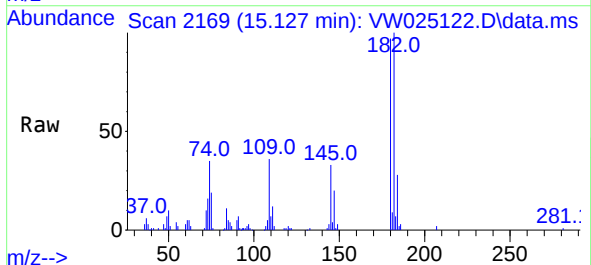
Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

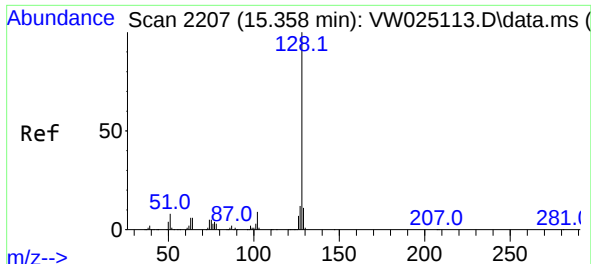
Tgt Ion:180	Resp:	39052
Ion Ratio	Lower	Upper
180	100	
182	91.3	77.8 116.6
184	29.6	24.3 36.5
145	32.3	27.1 40.7



#70
1,2,4-trichlorobenzene
Concen: 5.235 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Tgt Ion:180	Resp:	30636
Ion Ratio	Lower	Upper
180	100	
182	93.2	77.2 115.8
145	33.9	26.9 40.3



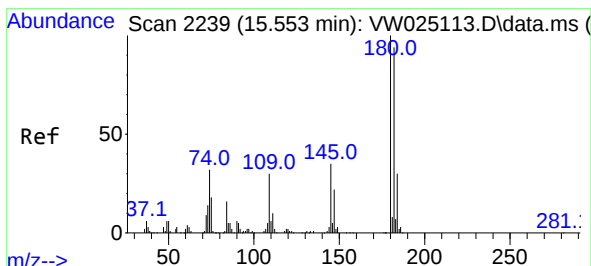
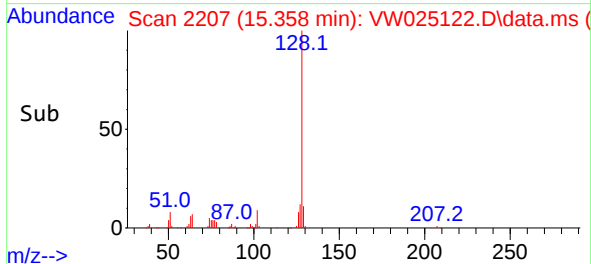
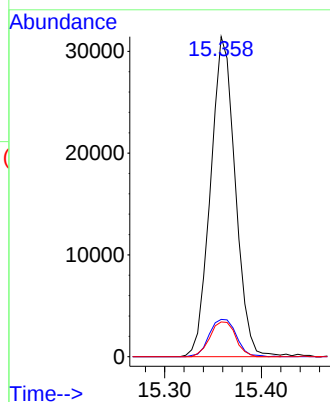
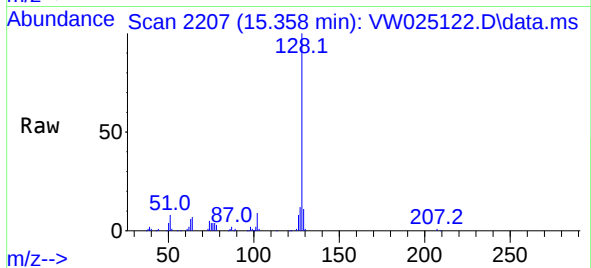


#71
Naphthalene
Concen: 5.190 ug/L
RT: 15.358 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD005474

Tgt Ion:128 Resp: 55680

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.3	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 5.519 ug/L
RT: 15.547 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW025122.D
Acq: 08 Dec 2022 09:56

Tgt Ion:180 Resp: 26936

Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.4	114.6
145	37.0	29.6	44.4

