

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120822\
 Data File : VW025125.D
 Acq On : 08 Dec 2022 11:08
 Operator : SY/MD
 Sample : VSTD10077
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100477

Quant Time: Dec 08 11:31:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 08 11:19:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	475453	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	427357	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	178286	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	515179	88.179	ug/L	-0.01
7) Chloroethane-d5	2.879	69	345142	90.380	ug/L	-0.01
11) 1,1-Dichloroethene-d2	4.013	63	1121264	89.167	ug/L	-0.01
21) 2-Butanone-d5	7.074	46	247813	204.127	ug/L	-0.01
24) Chloroform-d	7.647	84	1113510	90.754	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	559966	92.409	ug/L	0.00
32) Benzene-d6	8.275	84	2308433	89.600	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	664190	89.151	ug/L	0.00
41) Toluene-d8	10.323	98	2111915	90.272	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	296172	98.521	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	211673	223.682	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	472675	95.507	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	538320	88.571	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	316346	223.200	ug/L	98
3) Chloromethane	2.215	50	498780	94.977	ug/L	99
5) Vinyl chloride	2.355	62	583431	81.999	ug/L	100
6) Bromomethane	2.776	94	298732	86.373	ug/L	94
8) Chloroethane	2.916	64	287749	87.772	ug/L	97
9) Trichlorofluoromethane	3.251	101	454921	84.749	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	588869	91.602	ug/L	97
12) 1,1-Dichloroethene	4.038	96	565289	90.078	ug/L	98
13) Acetone	4.117	43	233255	179.315	ug/L	98
14) Carbon disulfide	4.379	76	1748197	83.076	ug/L	100
15) Methyl Acetate	4.665	43	209102	98.549	ug/L	99
16) Methylene chloride	4.915	84	566163	67.041	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	608227	91.235	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	872706	98.771	ug/L	100
19) 1,1-Dichloroethane	6.214	63	1082106	92.119	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	644717	93.371	ug/L	98
22) 2-Butanone	7.165	43	306010	186.738	ug/L	100
23) Bromochloromethane	7.513	128	265760	94.906	ug/L	98
25) Chloroform	7.677	83	1078804	91.766	ug/L	98
27) 1,2-Dichloroethane	8.396	62	673759	94.943	ug/L	100
29) Cyclohexane	7.951	56	1051730	89.411	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	934258	89.897	ug/L	99
31) Carbon tetrachloride	8.067	117	847804	89.896	ug/L	100
33) Benzene	8.323	78	2417831	87.692	ug/L	100
34) Trichloroethene	9.091	95	647629	89.618	ug/L	96
35) Methylcyclohexane	9.335	83	1160018	88.734	ug/L	99
37) 1,2-Dichloropropane	9.366	63	594582	89.630	ug/L	100
38) Bromodichloromethane	9.646	83	799814	94.384	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	971602	97.728	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	624396	213.060	ug/L	100
42) Toluene	10.384	91	2607717	89.698	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	831380	102.379	ug/L	98

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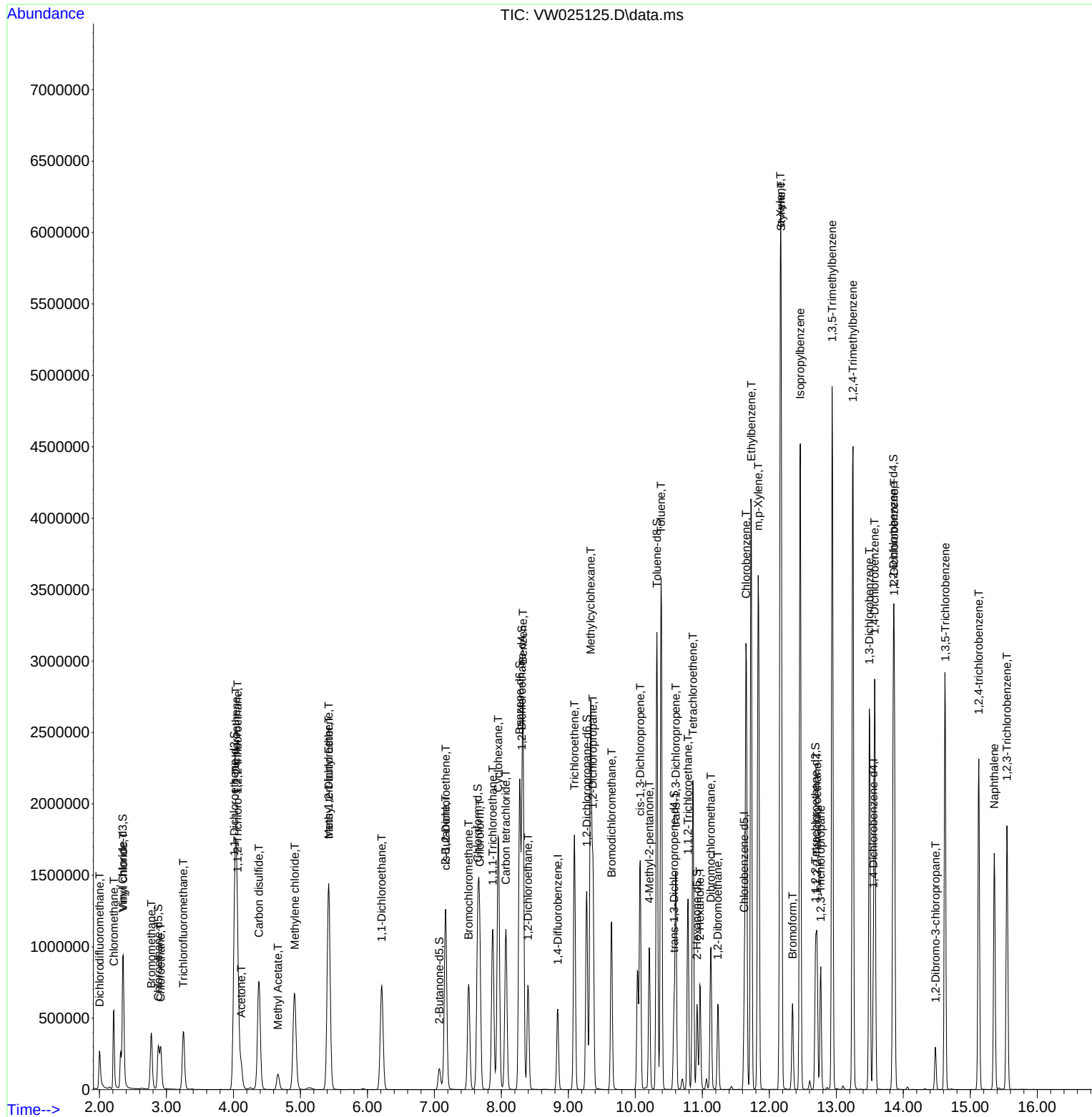
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	419743	94.535	ug/L	97
46) Tetrachloroethene	10.859	164	458618	85.322	ug/L	96
48) 2-Hexanone	10.963	43	449758	212.441	ug/L	100
49) Dibromochloromethane	11.128	129	518394	97.721	ug/L	92
50) 1,2-Dibromoethane	11.231	107	403590	97.902	ug/L	96
51) Chlorobenzene	11.652	112	1659820	92.039	ug/L	97
52) Ethylbenzene	11.731	91	3019270	92.285	ug/L	99
53) m,p-Xylene	11.835	106	1150422	91.649	ug/L	98
54) o-Xylene	12.164	106	1104130	94.193	ug/L	94
55) Styrene	12.176	104	1878647	95.618	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	481063	98.136	ug/L	98
59) Bromoform	12.347	173	262242	114.767	ug/L	97
60) Isopropylbenzene	12.463	105	3000005	103.995	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	352426	110.500	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	2615611	106.101	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	2523811	106.167	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	1061431	90.935	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	1040861	89.972	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	904366	89.488	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	80768	126.108	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	815302	108.533	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	670960	120.564	ug/L	99
71) Naphthalene	15.359	128	1381288	135.386	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	572004	123.246	ug/L	99

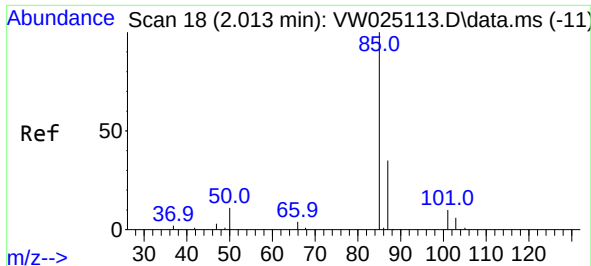
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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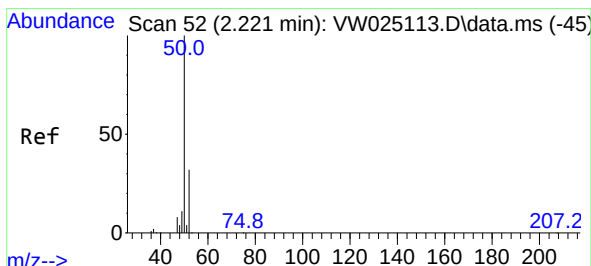
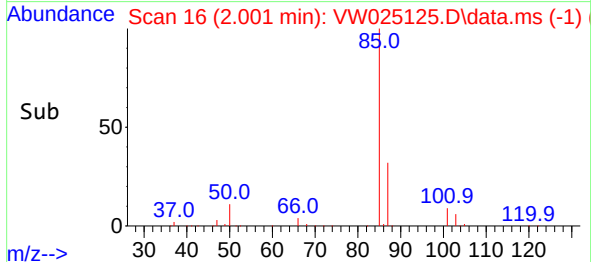
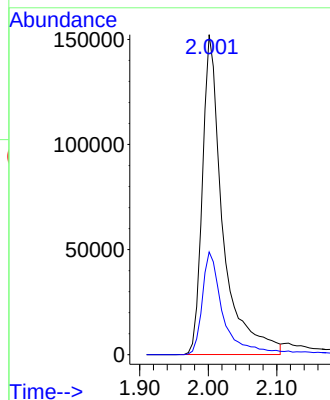
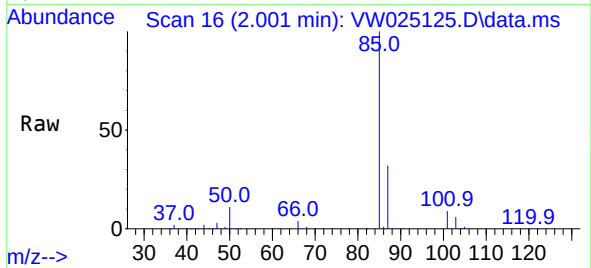




#2
 Dichlorodifluoromethane
 Concen: 223.200 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: VW025125.D
 Acq: 08 Dec 2022 11:08

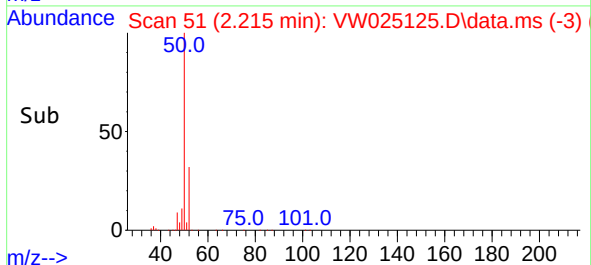
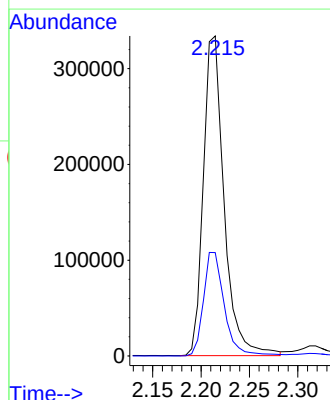
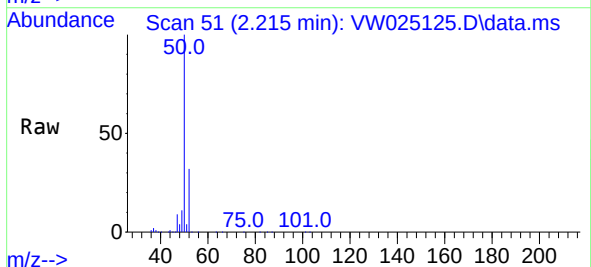
Instrument :
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 ClientSampleId :
 VSTD100477

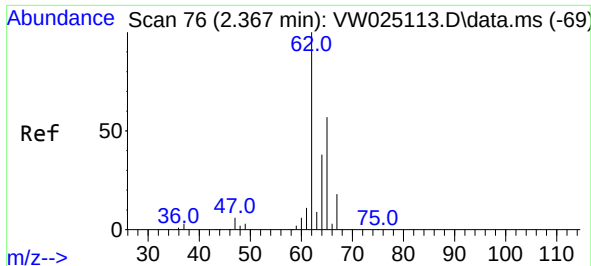
Tgt Ion: 85 Resp: 316346
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.0 37.6



#3
 Chloromethane
 Concen: 94.977 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW025125.D
 Acq: 08 Dec 2022 11:08

Tgt Ion: 50 Resp: 498780
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.1 41.1

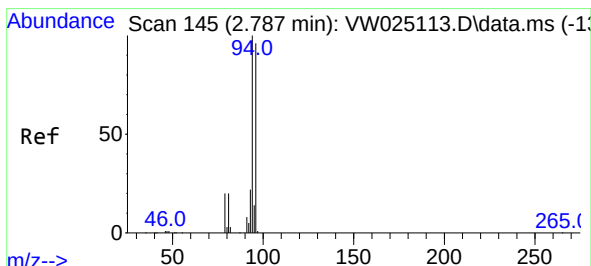
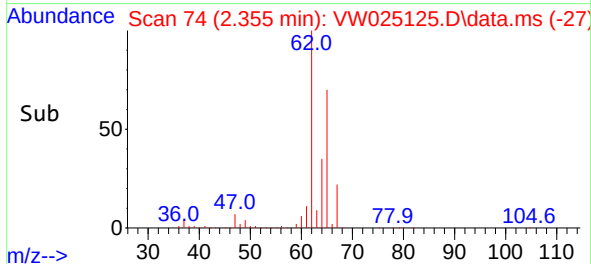
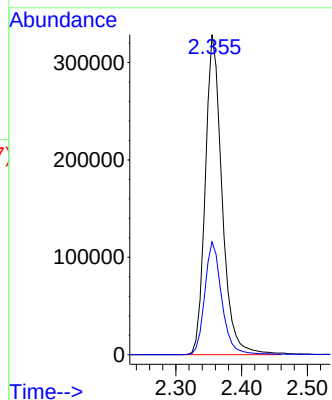
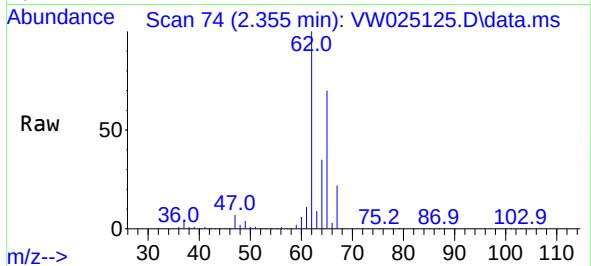




#5
 Vinyl chloride
 Concen: 81.999 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.012 min
 Lab File: VW025125.D
 Acq: 08 Dec 2022 11:08

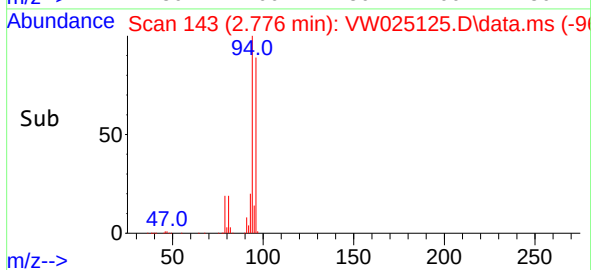
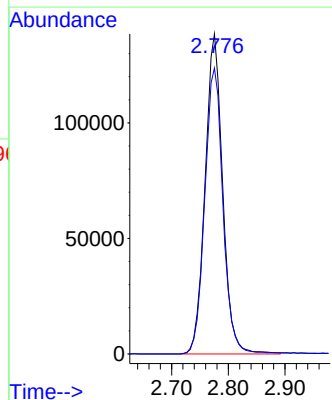
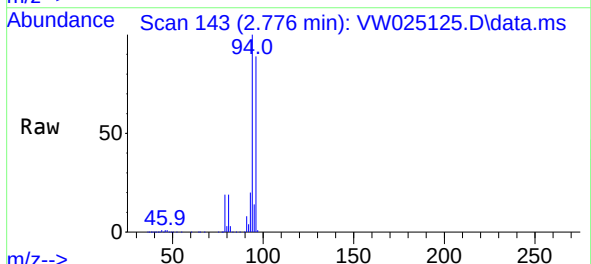
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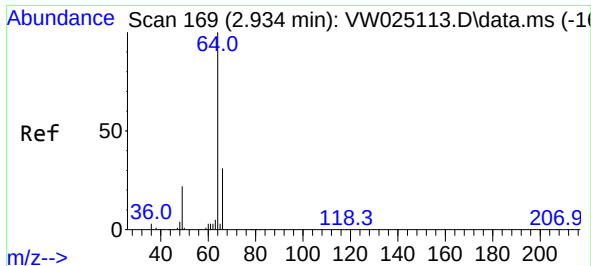
Tgt Ion: 62 Resp: 583431
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.8 46.1



#6
 Bromomethane
 Concen: 86.373 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.012 min
 Lab File: VW025125.D
 Acq: 08 Dec 2022 11:08

Tgt Ion: 94 Resp: 298732
 Ion Ratio Lower Upper
 94 100
 96 89.3 66.7 123.9

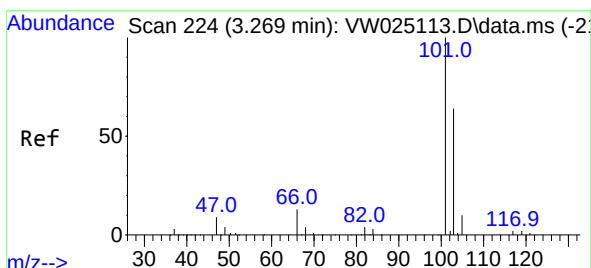
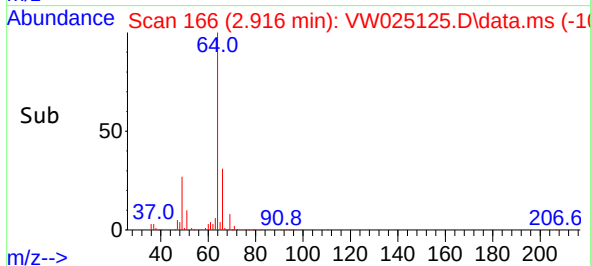
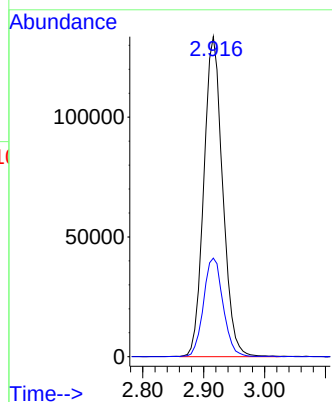
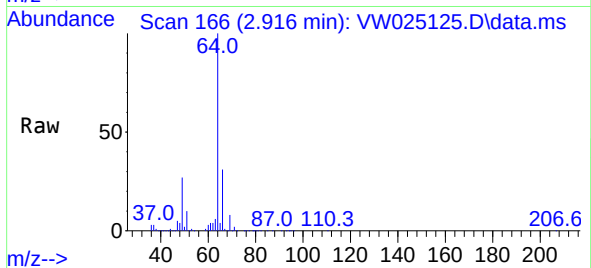




#8
Chloroethane
Concen: 87.772 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.018 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

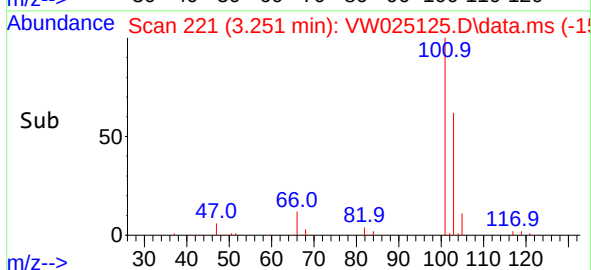
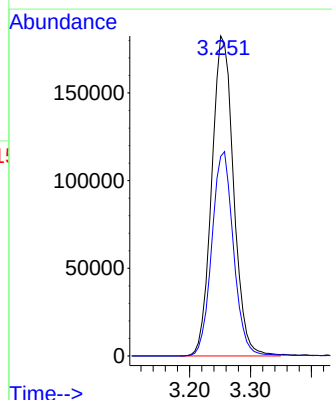
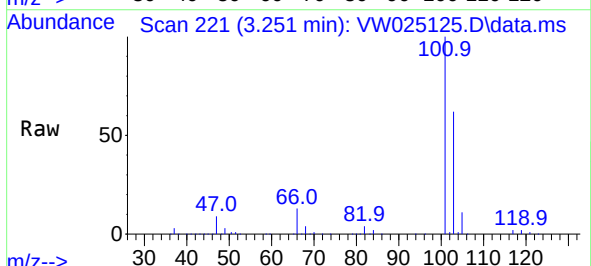
Instrument :
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ClientSampleId :
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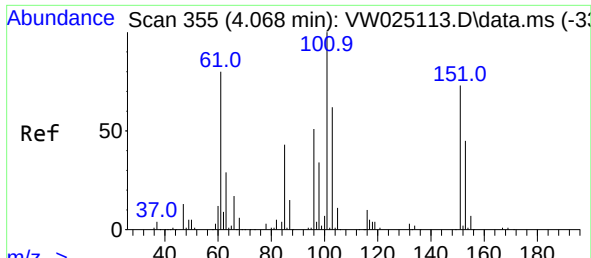
Tgt Ion: 64 Resp: 287749
Ion Ratio Lower Upper
64 100
66 30.8 22.7 42.1



#9
Trichlorofluoromethane
Concen: 84.749 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.018 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Tgt Ion: 101 Resp: 454921
Ion Ratio Lower Upper
101 100
103 63.3 50.9 76.3

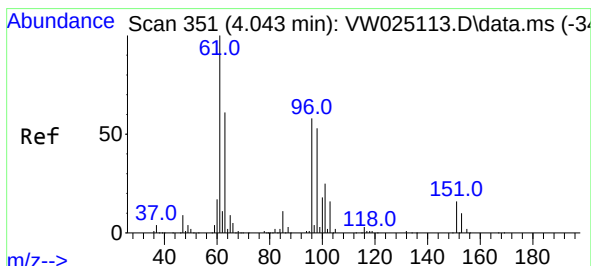
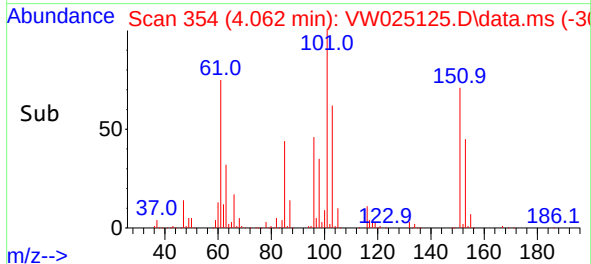
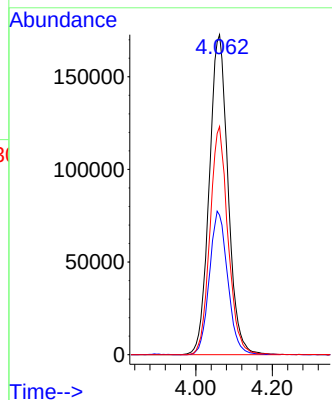
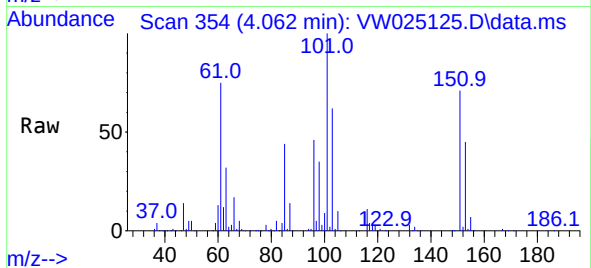




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 91.602 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW025125.D
 Acq: 08 Dec 2022 11:08

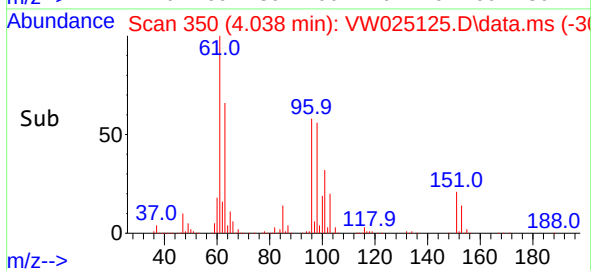
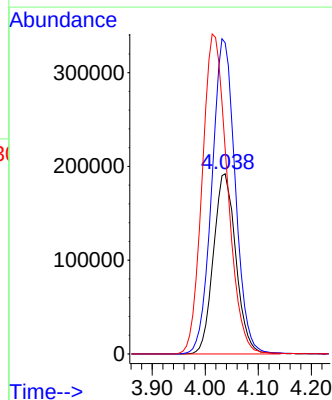
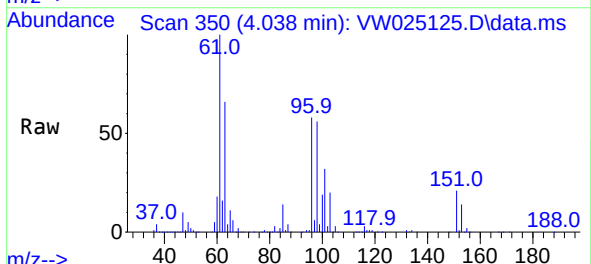
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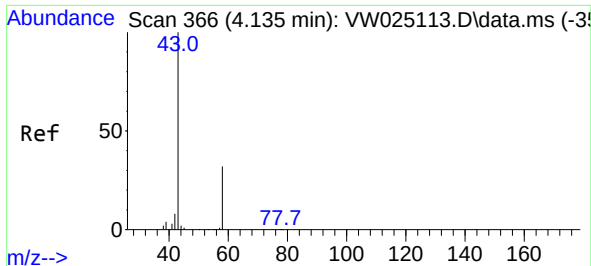
Tgt Ion:101 Resp: 588869
 Ion Ratio Lower Upper
 101 100
 85 43.7 34.6 52.0
 151 68.4 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 90.078 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW025125.D
 Acq: 08 Dec 2022 11:08

Tgt Ion: 96 Resp: 565289
 Ion Ratio Lower Upper
 96 100
 61 172.7 120.8 224.4
 63 113.8 84.1 156.1

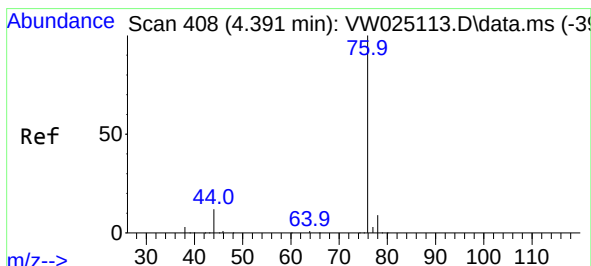
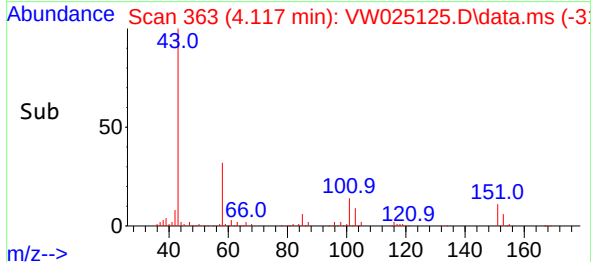
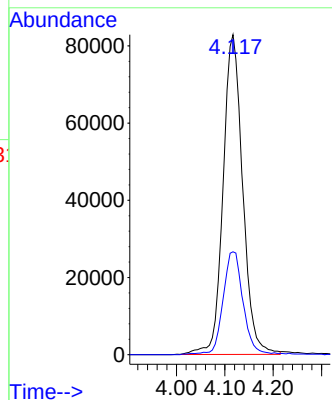
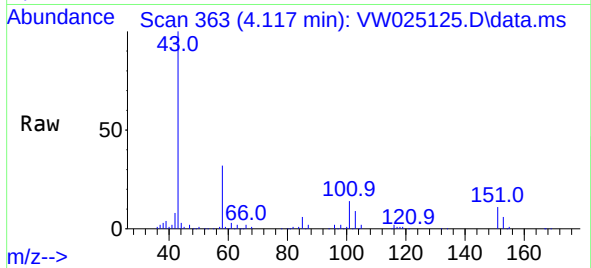




#13
Acetone
Concen: 179.315 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.018 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

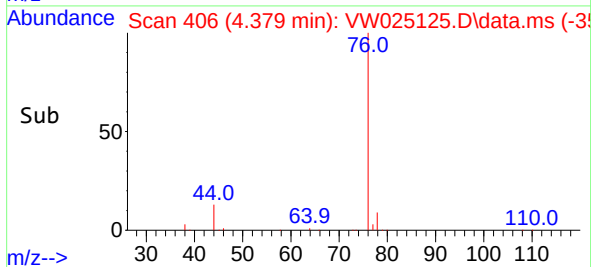
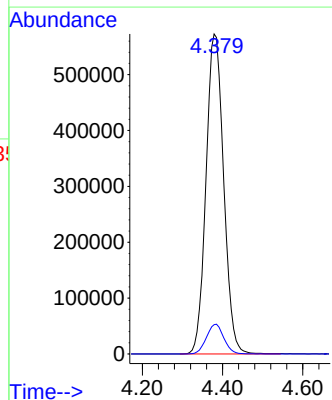
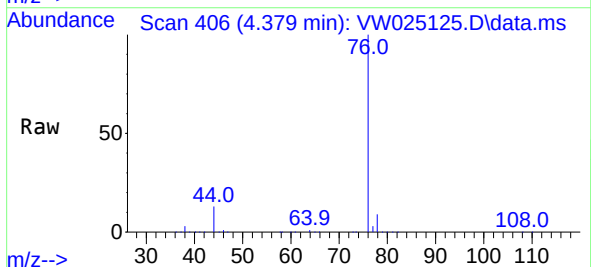
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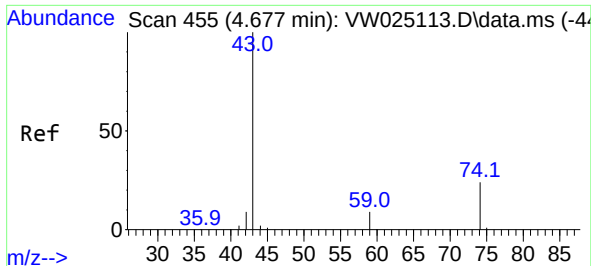
Tgt Ion: 43 Resp: 233255
Ion Ratio Lower Upper
43 100
58 31.5 0.0 65.2



#14
Carbon disulfide
Concen: 83.076 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.012 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Tgt Ion: 76 Resp: 1748197
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

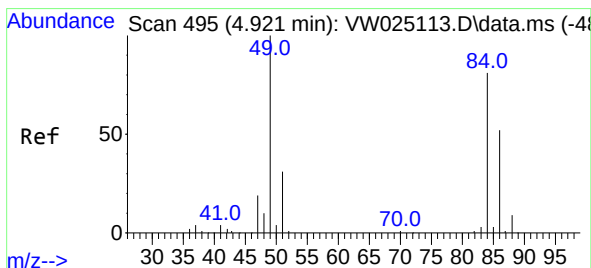
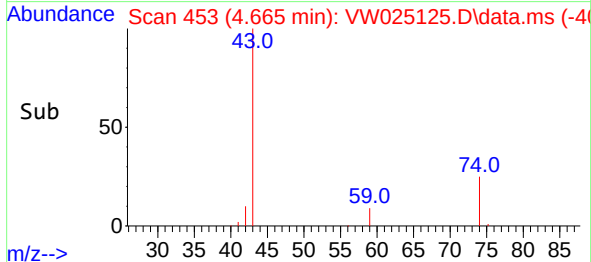
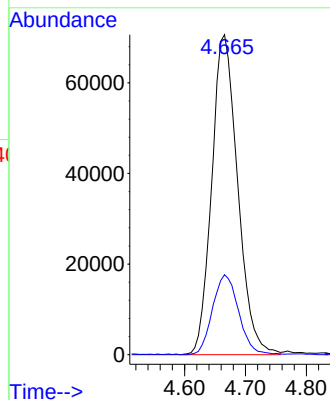
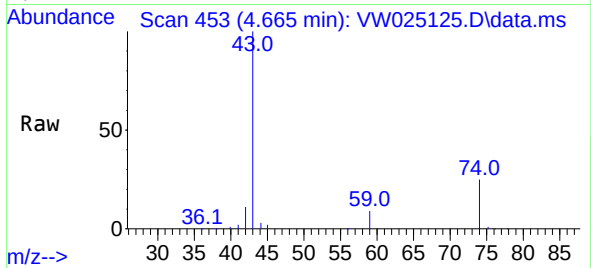




#15
Methyl Acetate
Concen: 98.549 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

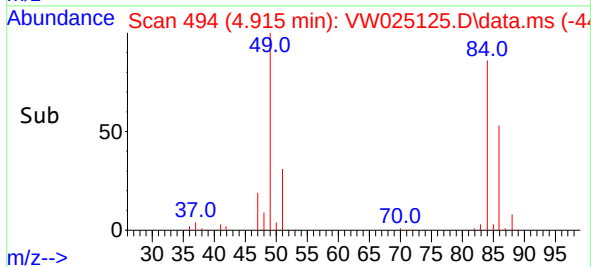
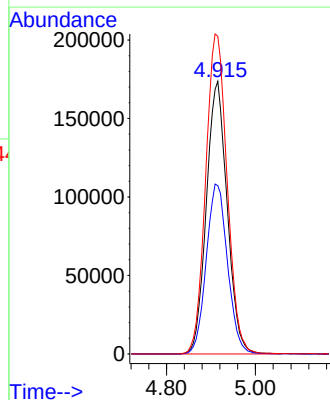
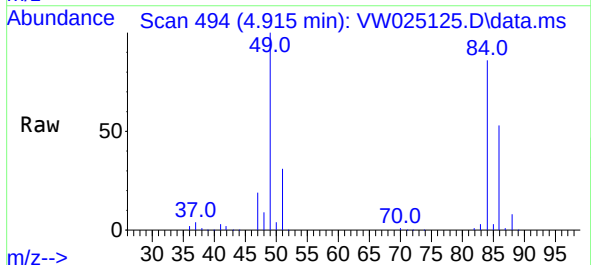
Instrument :
MSVOA_W
ClientSampleId :
VSTD100477

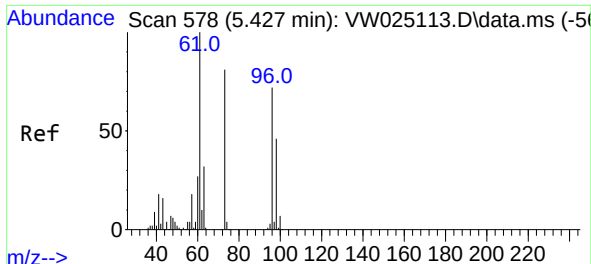
Tgt Ion: 43 Resp: 209102
Ion Ratio Lower Upper
43 100
74 25.1 19.5 29.3



#16
Methylene chloride
Concen: 67.041 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Tgt Ion: 84 Resp: 566163
Ion Ratio Lower Upper
84 100
86 61.7 45.0 83.6
49 116.5 86.3 160.3

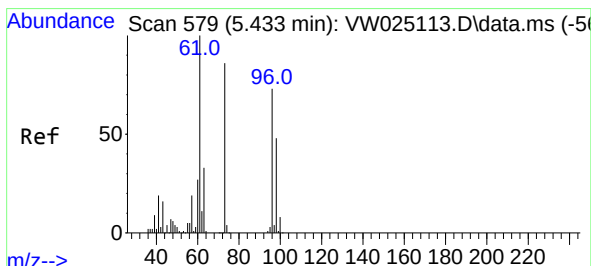
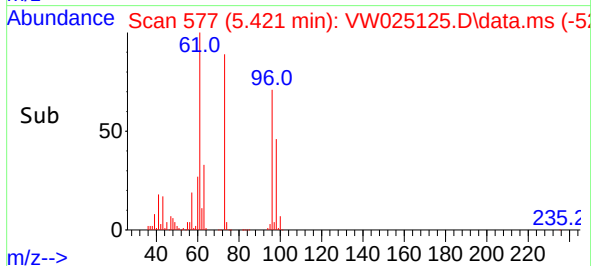
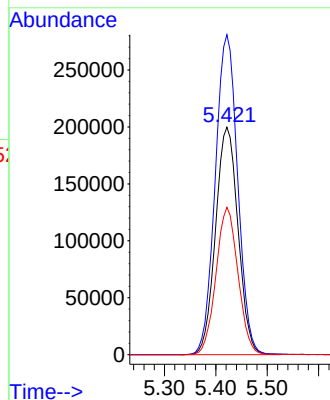
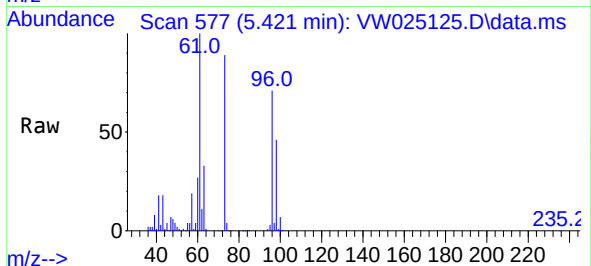




#17
trans-1,2-Dichloroethene
Concen: 91.235 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

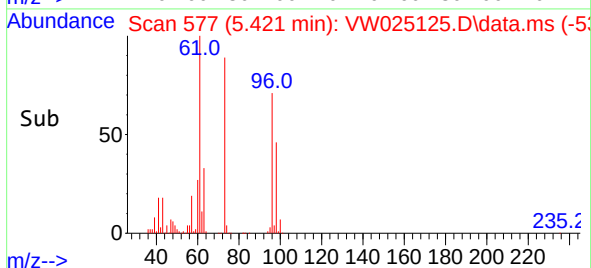
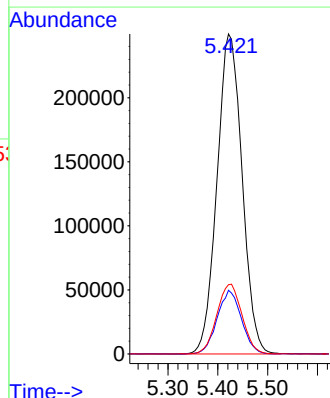
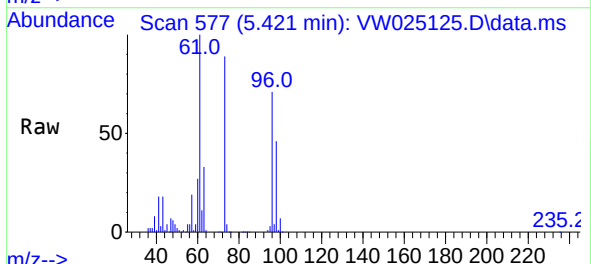
Instrument :
MSVOA_W
ClientSampleId :
VSTD100477

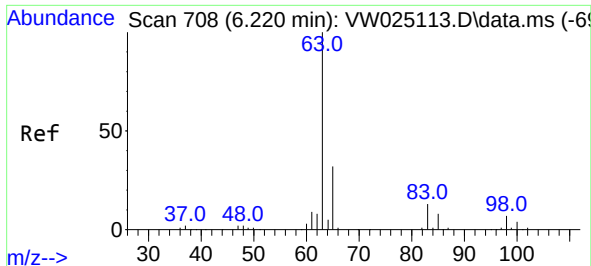
Tgt Ion: 96 Resp: 608227
Ion Ratio Lower Upper
96 100
61 140.6 95.5 177.3
98 64.8 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 98.771 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Tgt Ion: 73 Resp: 872706
Ion Ratio Lower Upper
73 100
43 19.3 15.6 23.4
57 21.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 92.119 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW025125.D

Acq: 08 Dec 2022 11:08

Instrument :

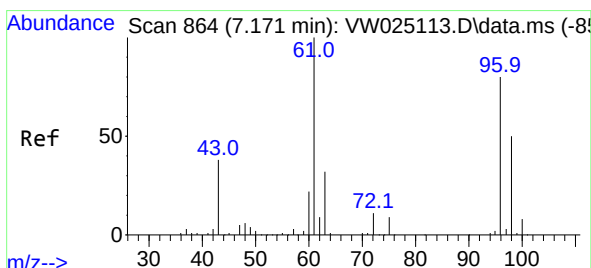
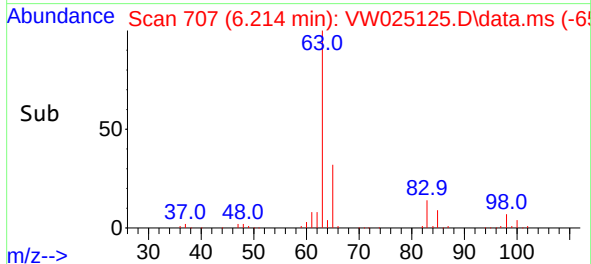
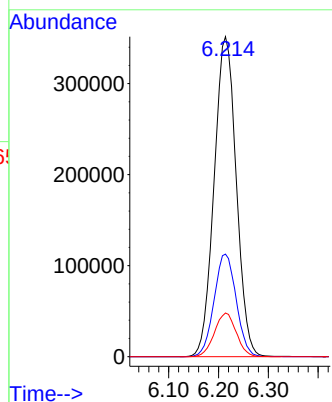
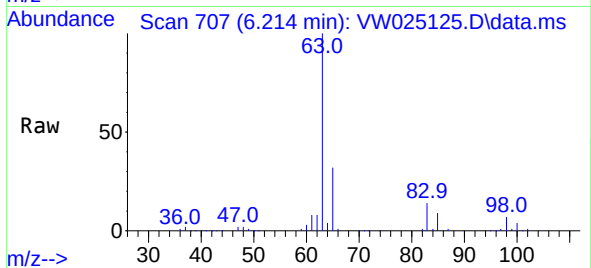
MSVOA_W

ClientSampleId :

VSTD100477

Tgt Ion: 63 Resp: 1082106

Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.2	41.2
83	13.7	9.4	17.6



#20

cis-1,2-Dichloroethene

Concen: 93.371 ug/L

RT: 7.171 min Scan# 864

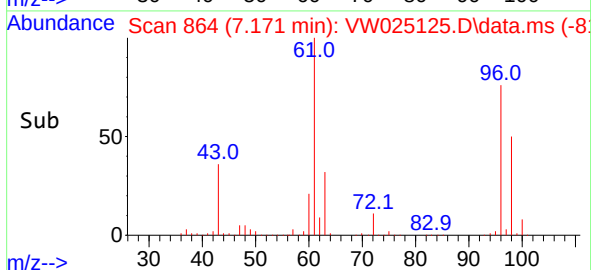
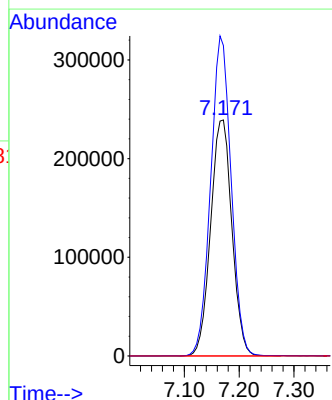
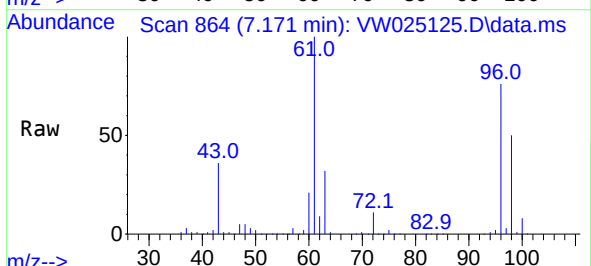
Delta R.T. 0.000 min

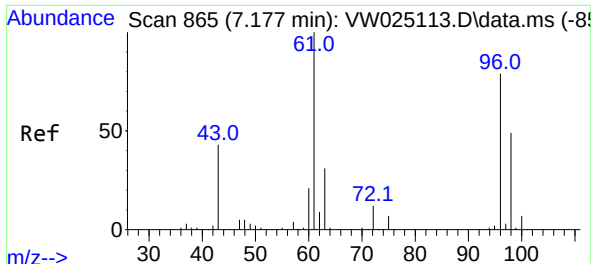
Lab File: VW025125.D

Acq: 08 Dec 2022 11:08

Tgt Ion: 96 Resp: 644717

Ion	Ratio	Lower	Upper
96	100		
61	131.6	93.7	173.9
68	0.0	0.0	0.0

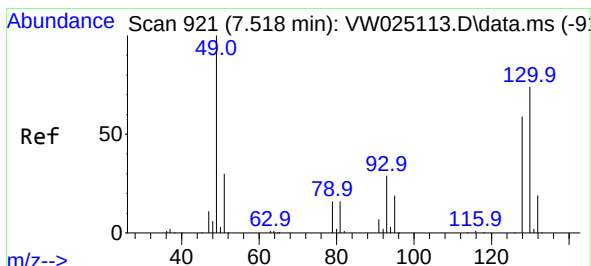
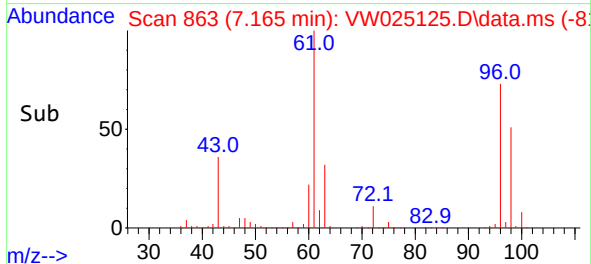
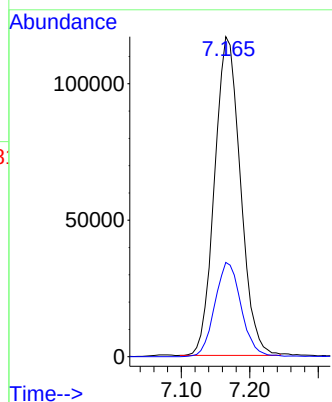
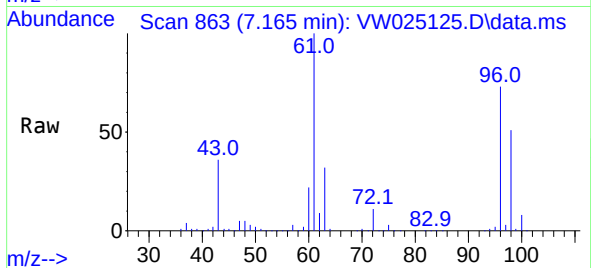




#22
2-Butanone
Concen: 186.738 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.012 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

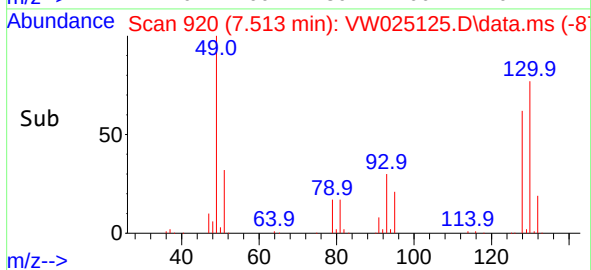
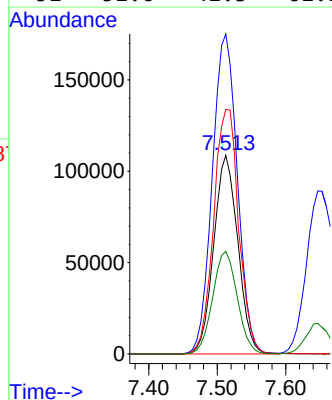
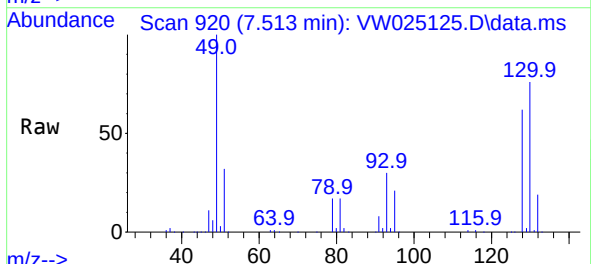
Instrument :
MSVOA_W
ClientSampleId :
VSTD100477

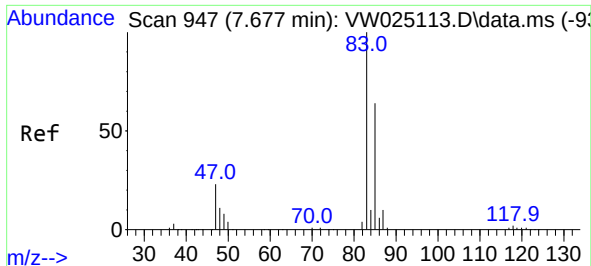
Tgt Ion: 43 Resp: 306010
Ion Ratio Lower Upper
43 100
72 30.0 15.0 45.0



#23
Bromochloromethane
Concen: 94.906 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Tgt Ion: 128 Resp: 265760
Ion Ratio Lower Upper
128 100
49 161.0 114.1 211.9
130 123.2 89.0 165.2
51 51.6 41.3 61.9

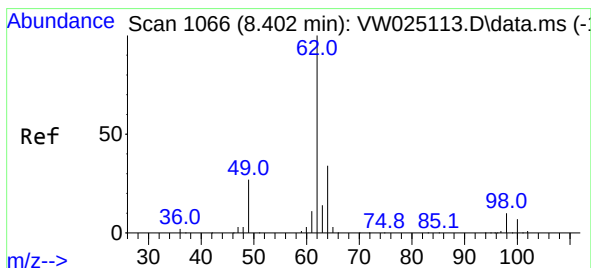
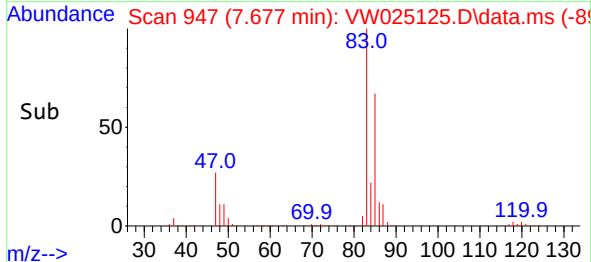
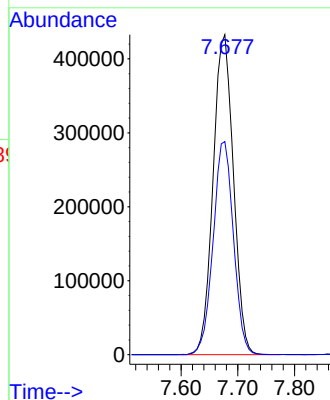
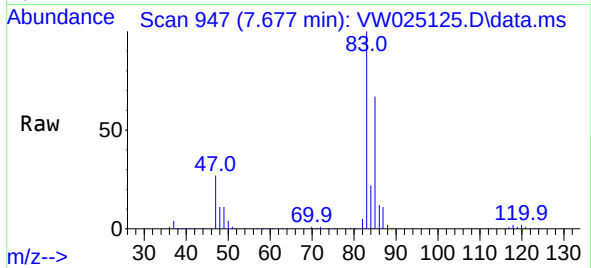




#25
Chloroform
Concen: 91.766 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

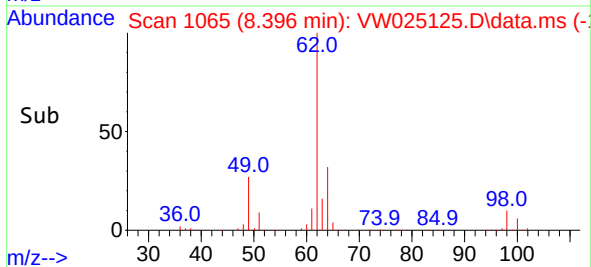
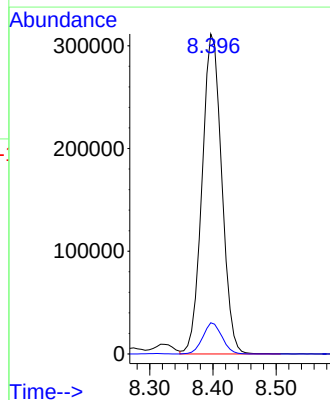
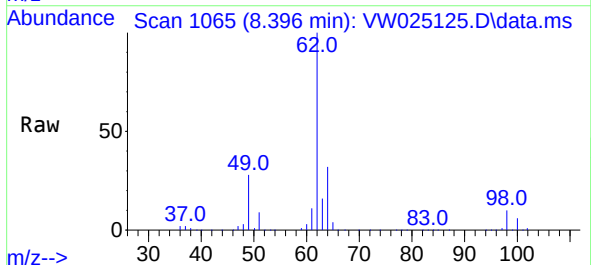
Instrument :
MSVOA_W
ClientSampleId :
VSTD100477

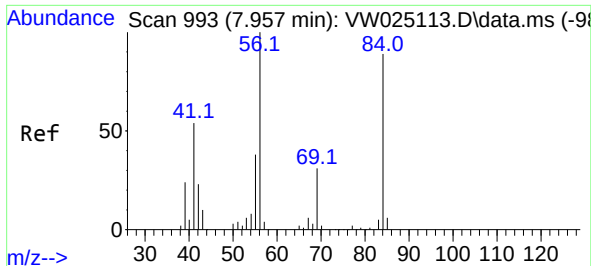
Tgt Ion: 83 Resp: 1078804
Ion Ratio Lower Upper
83 100
85 66.6 45.4 84.2



#27
1,2-Dichloroethane
Concen: 94.943 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Tgt Ion: 62 Resp: 673759
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.8





#29

Cyclohexane

Concen: 89.411 ug/L

RT: 7.951 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW025125.D

Acq: 08 Dec 2022 11:08

Instrument :

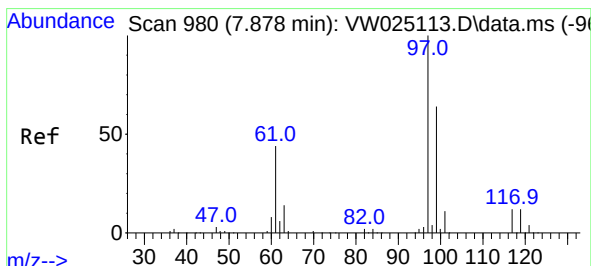
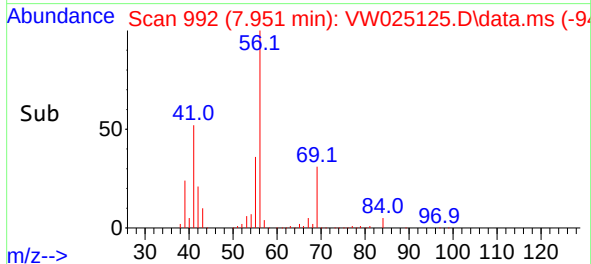
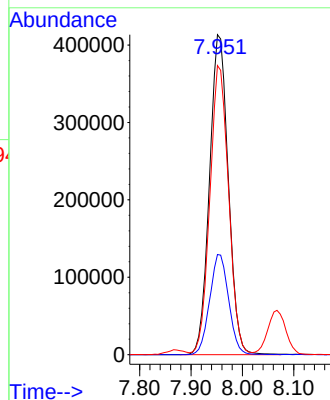
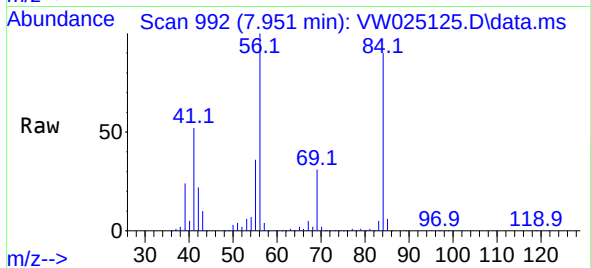
MSVOA_W

ClientSampleId :

VSTD100477

Tgt Ion: 56 Resp: 1051730

Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.0	37.6
84	89.8	70.9	106.3



#30

1,1,1-Trichloroethane

Concen: 89.897 ug/L

RT: 7.872 min Scan# 979

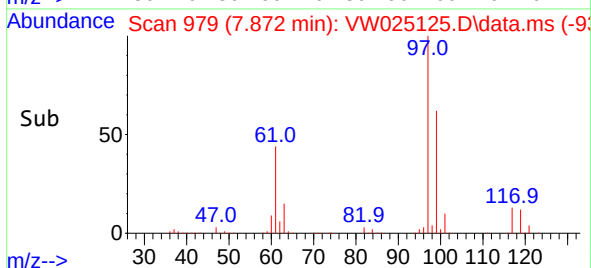
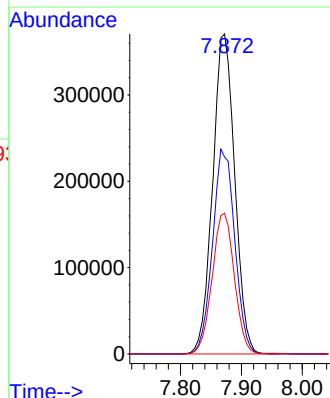
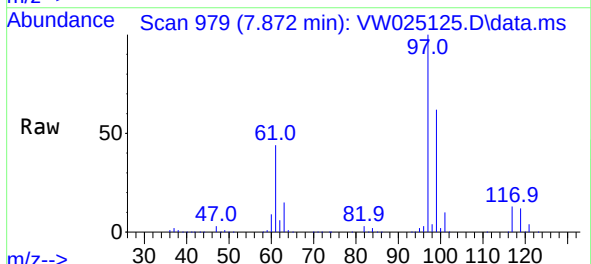
Delta R.T. -0.006 min

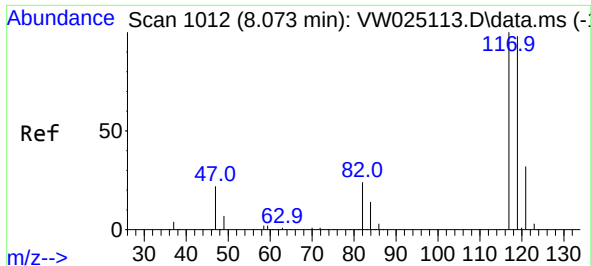
Lab File: VW025125.D

Acq: 08 Dec 2022 11:08

Tgt Ion: 97 Resp: 934258

Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.9	76.3
61	44.2	35.5	53.3

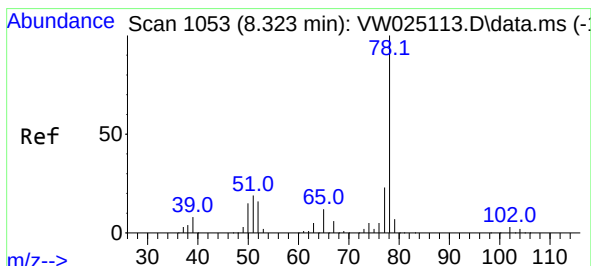
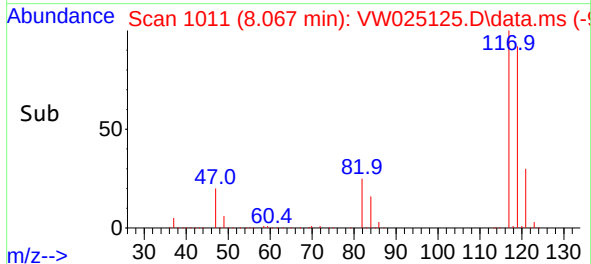
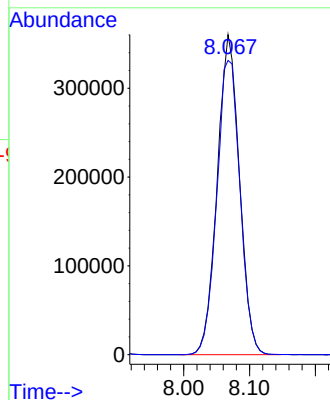
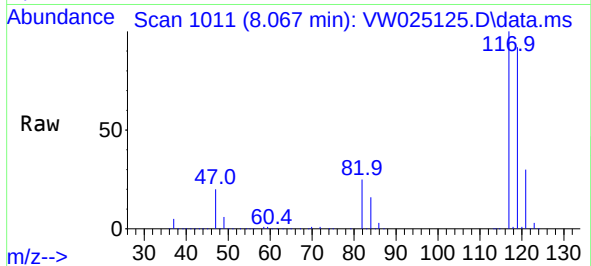




#31
Carbon tetrachloride
Concen: 89.896 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

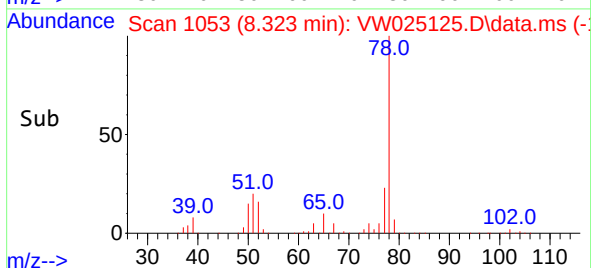
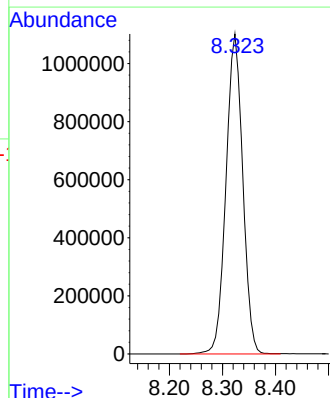
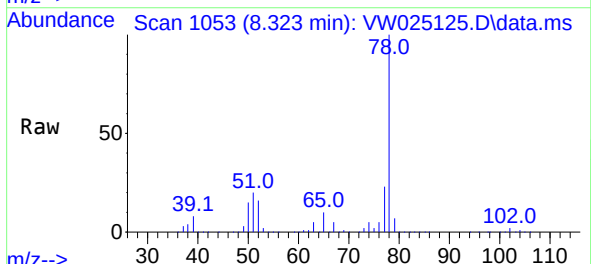
Instrument :
MSVOA_W
ClientSampleId :
VSTD100477

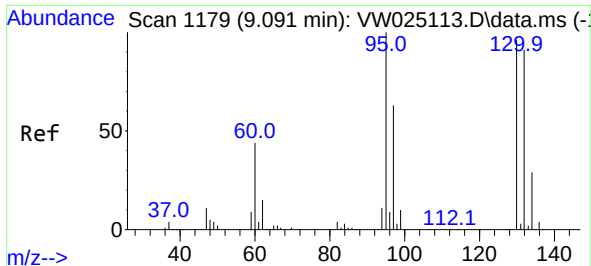
Tgt Ion:117 Resp: 847804
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.4



#33
Benzene
Concen: 87.692 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Tgt Ion: 78 Resp: 2417831

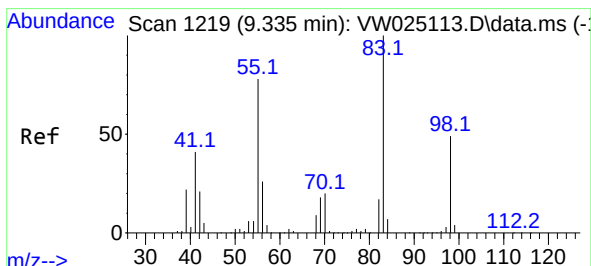
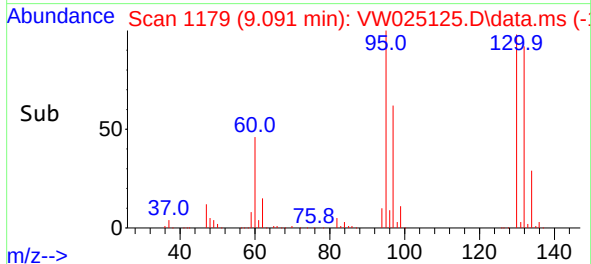
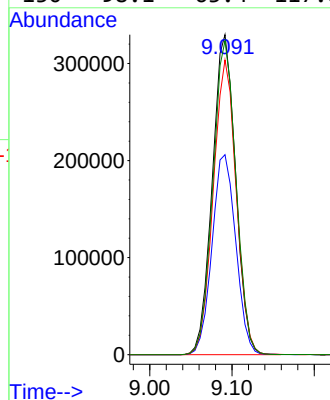
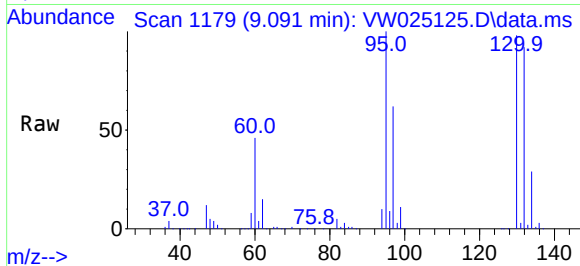




#34
Trichloroethene
Concen: 89.618 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

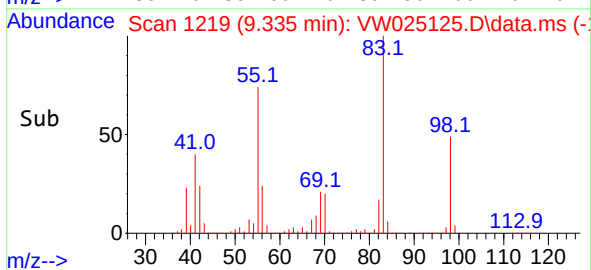
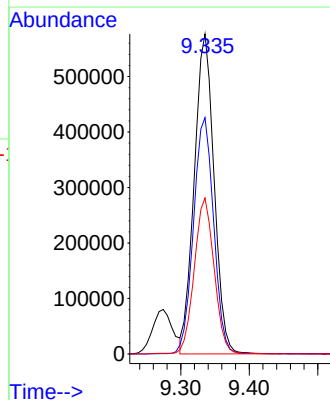
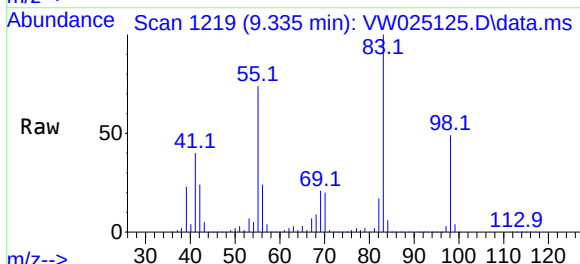
Instrument :
MSVOA_W
ClientSampleId :
VSTD100477

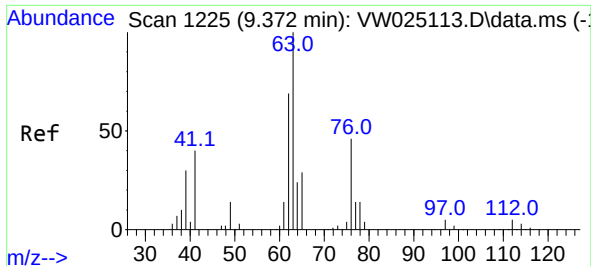
Tgt Ion: 95 Resp: 647629
Ion Ratio Lower Upper
95 100
97 62.5 44.3 82.3
132 92.1 63.0 117.0
130 98.1 63.4 117.8



#35
Methylcyclohexane
Concen: 88.734 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Tgt Ion: 83 Resp: 1160018
Ion Ratio Lower Upper
83 100
55 74.9 59.3 88.9
98 48.8 38.6 57.8





#37

1,2-Dichloropropane

Concen: 89.630 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025125.D

Acq: 08 Dec 2022 11:08

Instrument :

MSVOA_W

ClientSampleId :

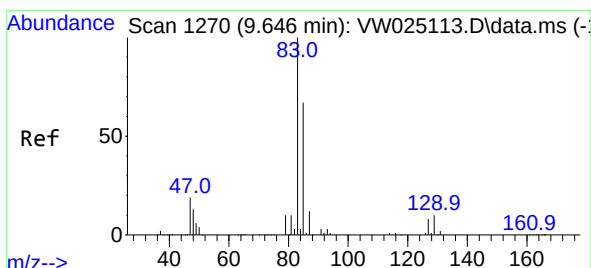
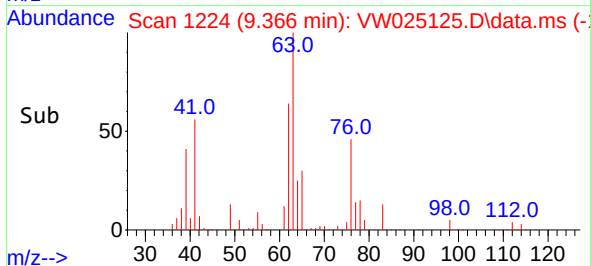
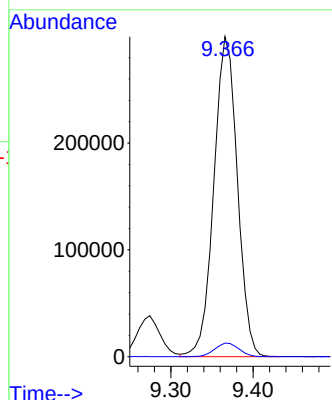
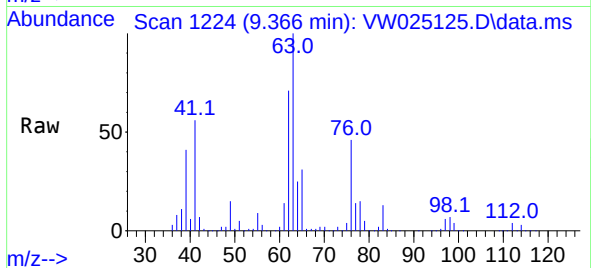
VSTD100477

Tgt Ion: 63 Resp: 594582

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 94.384 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW025125.D

Acq: 08 Dec 2022 11:08

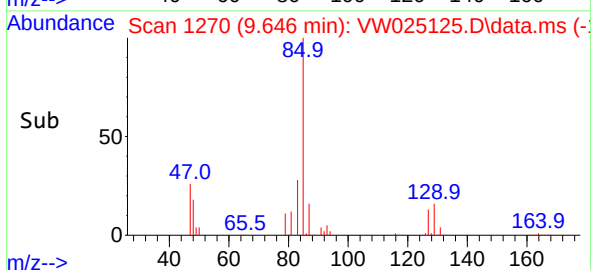
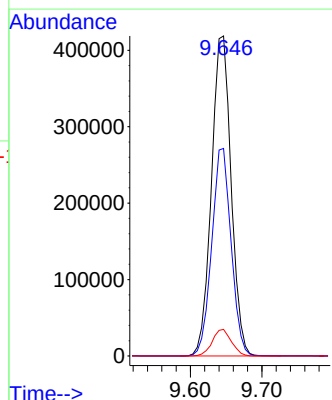
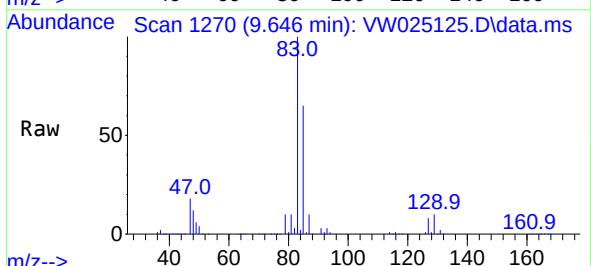
Tgt Ion: 83 Resp: 799814

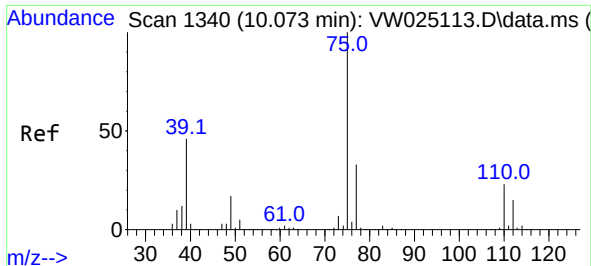
Ion Ratio Lower Upper

83 100

85 64.9 44.2 82.2

127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 97.728 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025125.D

Acq: 08 Dec 2022 11:08

Instrument :

MSVOA_W

ClientSampleId :

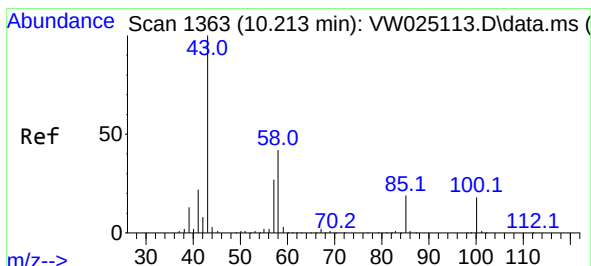
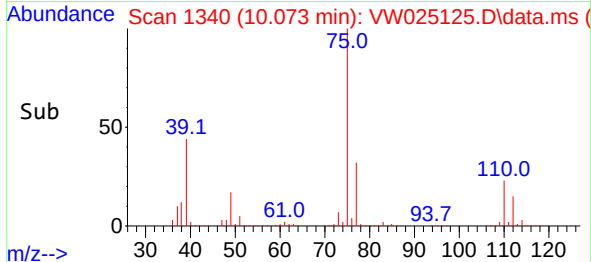
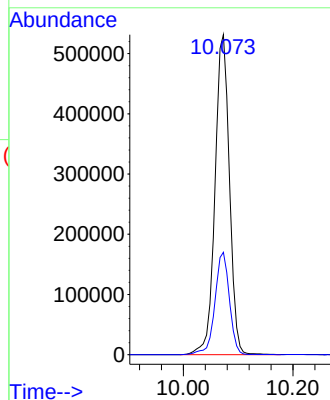
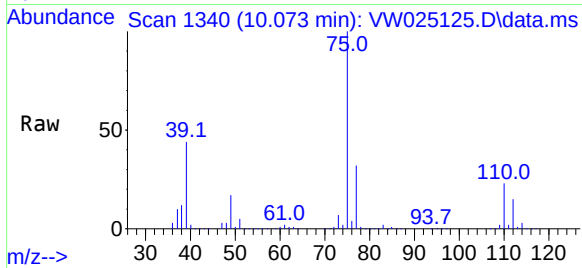
VSTD100477

Tgt Ion: 75 Resp: 971602

Ion Ratio Lower Upper

75 100

77 32.0 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 213.060 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW025125.D

Acq: 08 Dec 2022 11:08

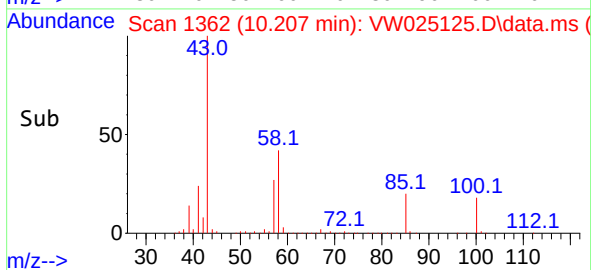
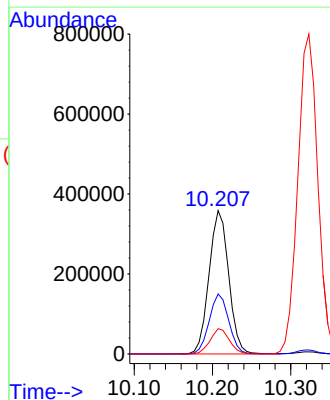
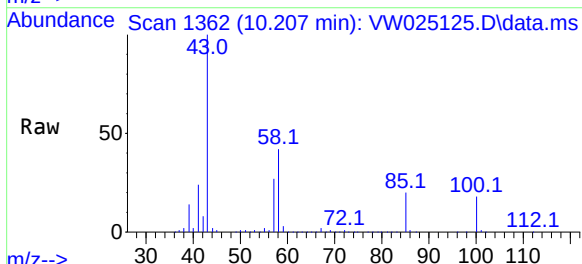
Tgt Ion: 43 Resp: 624396

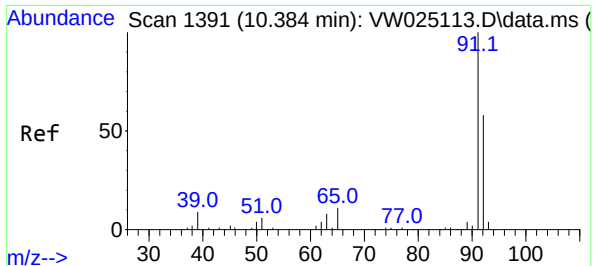
Ion Ratio Lower Upper

43 100

58 41.7 33.3 49.9

100 17.3 13.8 20.6





#42

Toluene

Concen: 89.698 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW025125.D

Acq: 08 Dec 2022 11:08

Instrument :

MSVOA_W

ClientSampleId :

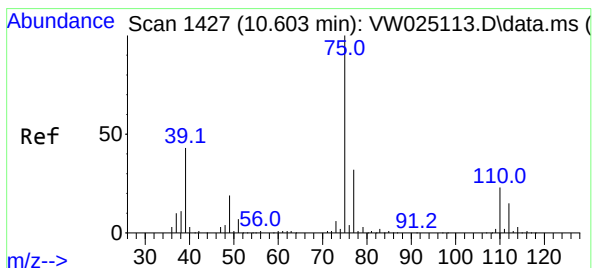
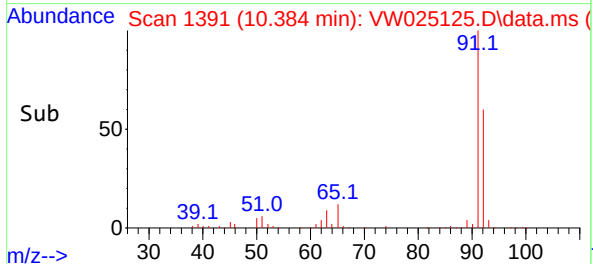
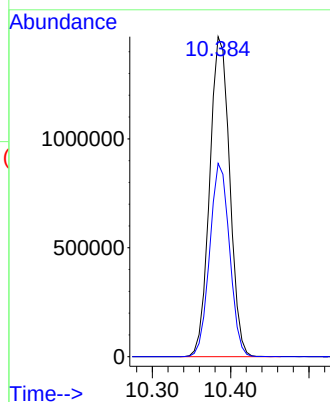
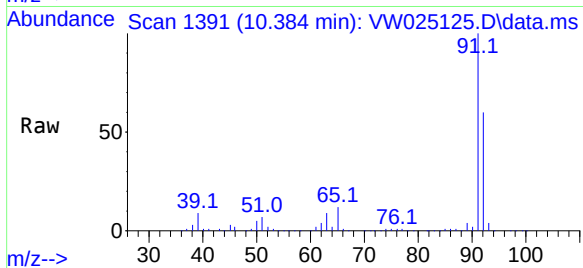
VSTD100477

Tgt Ion: 91 Resp: 2607717

Ion Ratio Lower Upper

91 100

92 60.4 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 102.379 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW025125.D

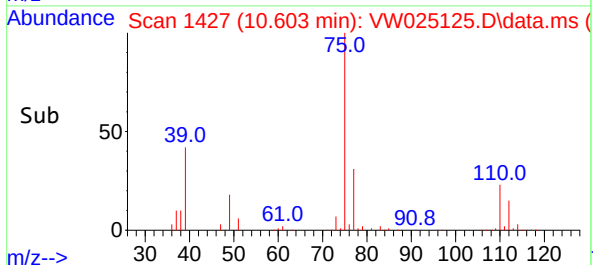
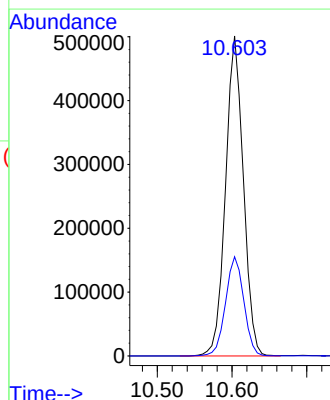
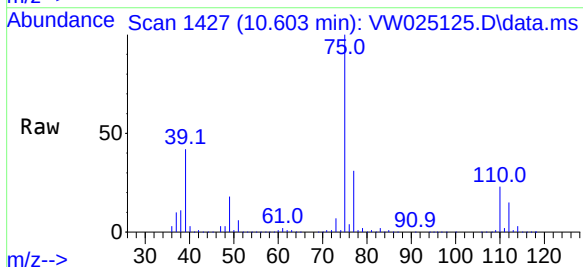
Acq: 08 Dec 2022 11:08

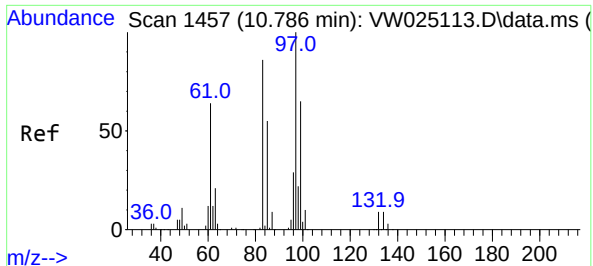
Tgt Ion: 75 Resp: 831380

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 94.535 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW025125.D

Acq: 08 Dec 2022 11:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD100477

Tgt Ion: 97 Resp: 419743

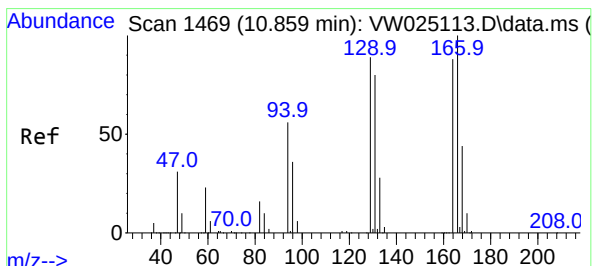
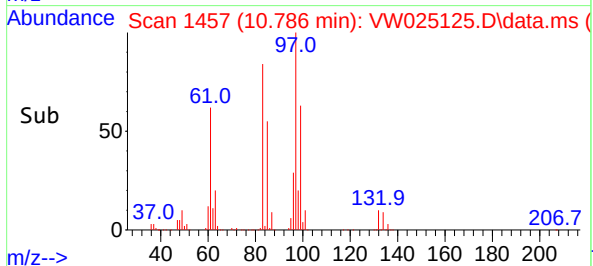
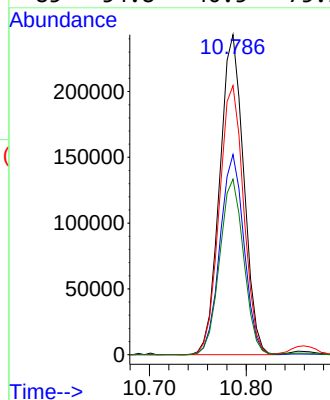
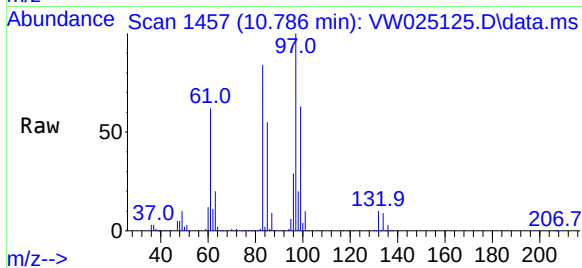
Ion Ratio Lower Upper

97 100

99 62.6 44.3 82.3

83 84.1 61.3 113.9

85 54.8 40.5 75.1



#46

Tetrachloroethene

Concen: 85.322 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW025125.D

Acq: 08 Dec 2022 11:08

Tgt Ion:164 Resp: 458618

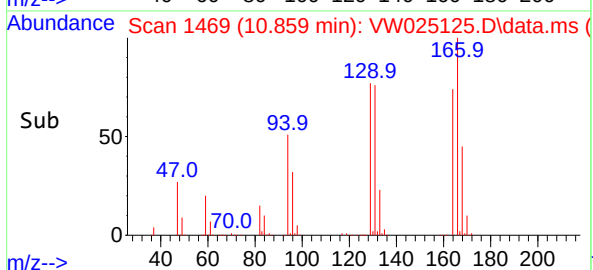
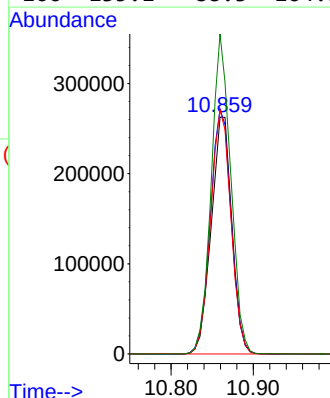
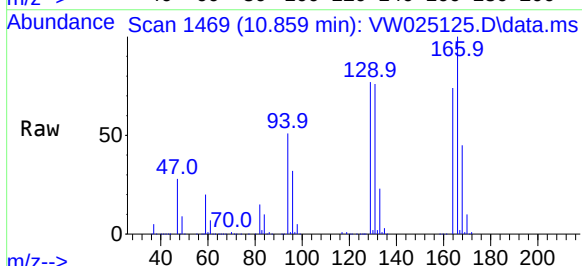
Ion Ratio Lower Upper

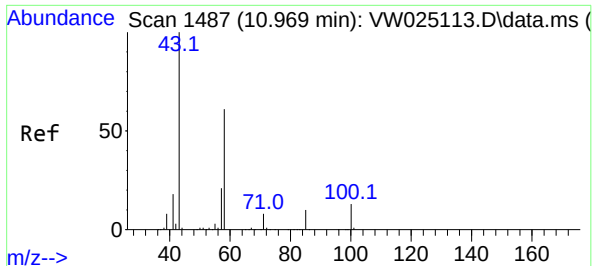
164 100

129 103.4 73.4 136.4

131 103.0 70.8 131.4

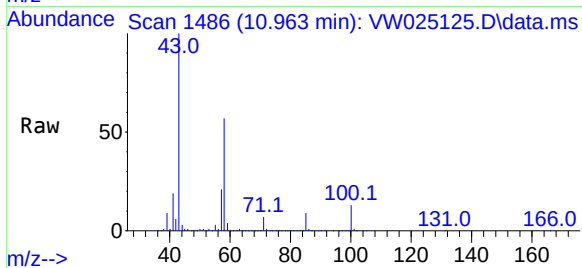
166 135.1 88.3 164.1





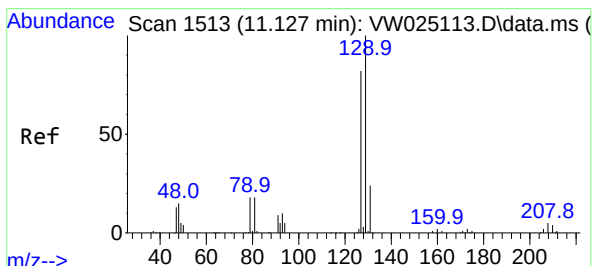
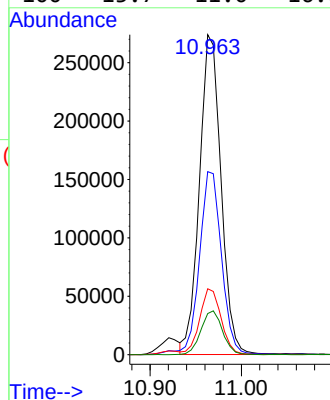
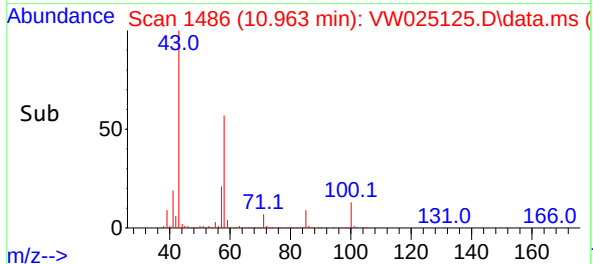
#48
2-Hexanone
Concen: 212.441 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Instrument :
MSVOA_W
ClientSampleId :
VSTD100477

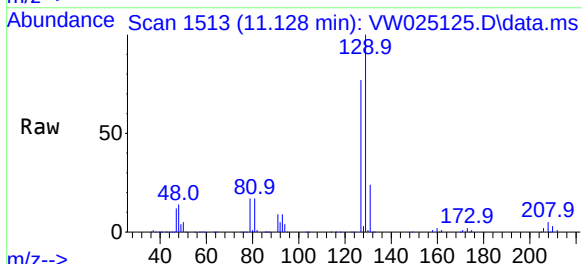


Tgt Ion: 43 Resp: 449758

Ion	Ratio	Lower	Upper
43	100		
58	58.1	46.6	69.8
57	20.4	16.7	25.1
100	13.7	11.0	16.6

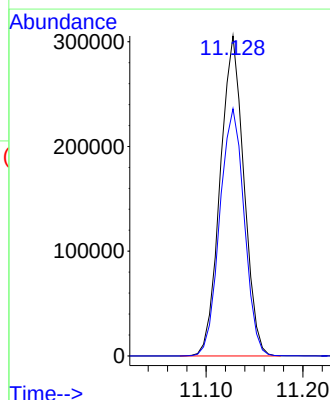
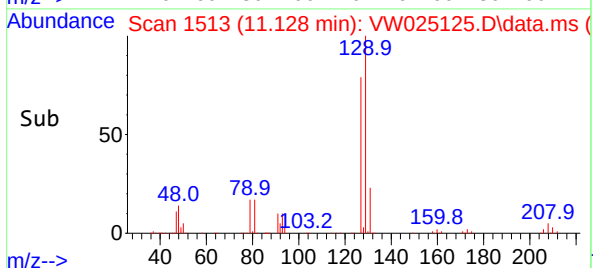


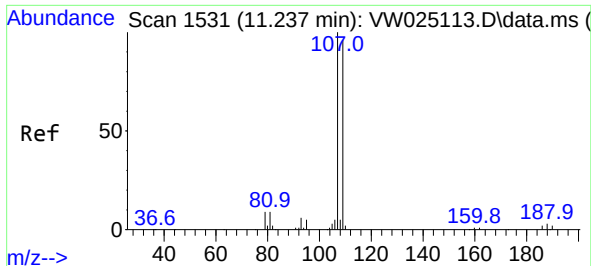
#49
Dibromochloromethane
Concen: 97.721 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08



Tgt Ion: 129 Resp: 518394

Ion	Ratio	Lower	Upper
129	100		
127	77.3	49.7	92.3



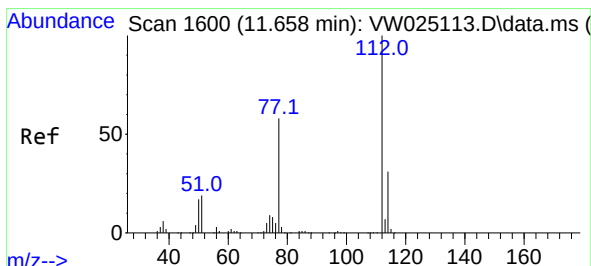
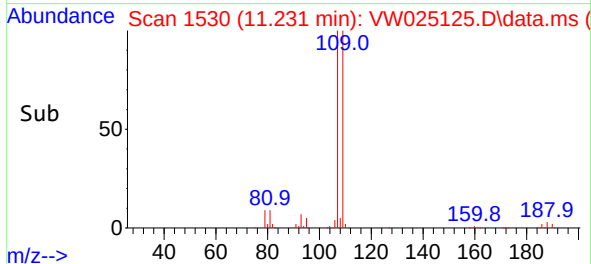
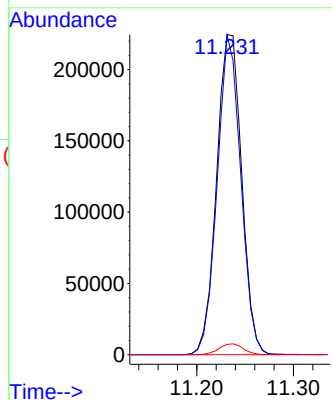
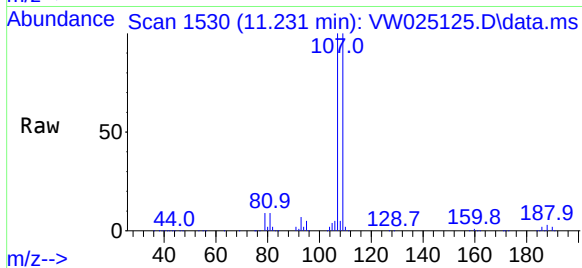


#50
1,2-Dibromoethane
Concen: 97.902 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Instrument :
MSVOA_W
ClientSampleId :
VSTD100477

Tgt Ion:107 Resp: 403590

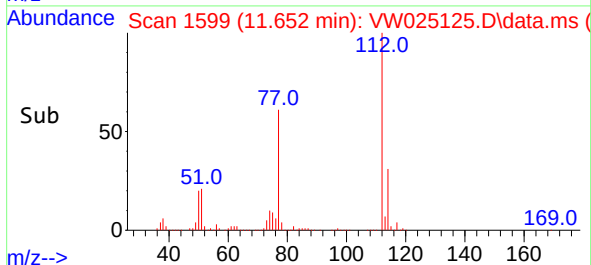
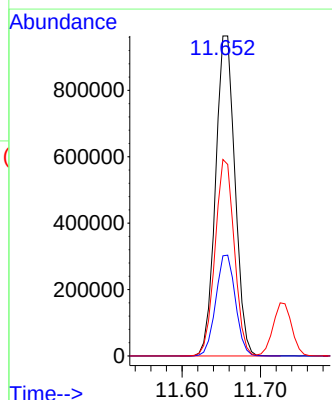
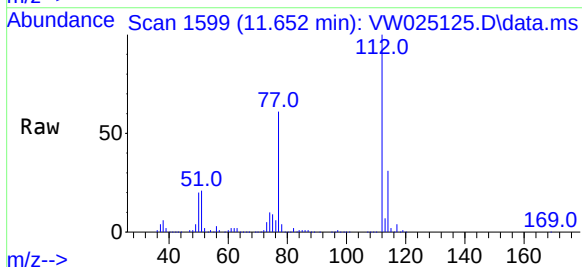
Ion	Ratio	Lower	Upper
107	100		
109	99.9	66.8	124.2
188	3.2	2.9	4.3

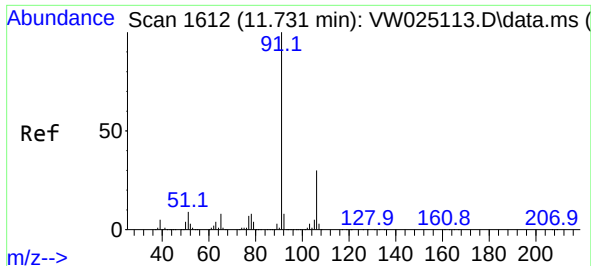


#51
Chlorobenzene
Concen: 92.039 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Tgt Ion:112 Resp: 1659820

Ion	Ratio	Lower	Upper
112	100		
114	31.3	23.2	43.2
77	61.4	47.2	70.8

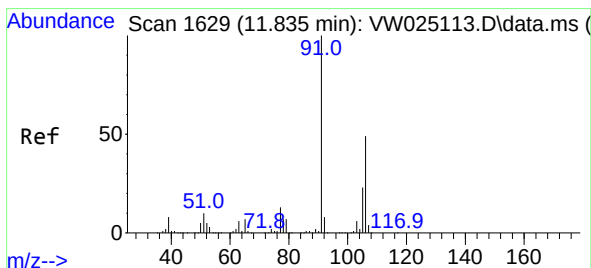
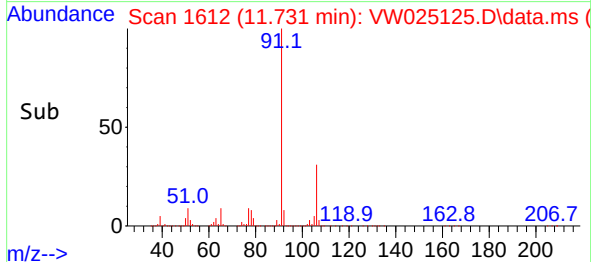
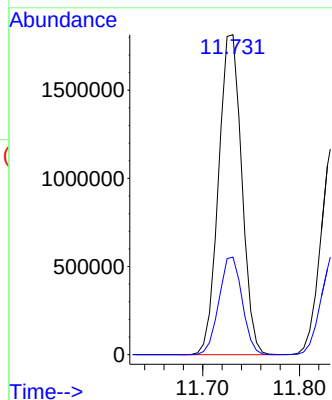
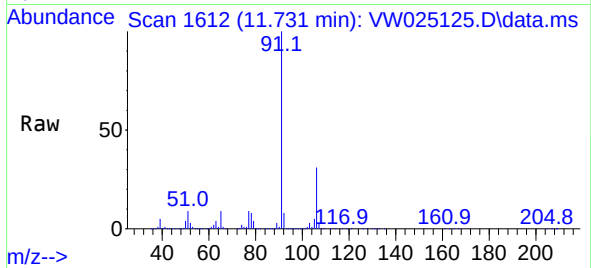




#52
Ethylbenzene
Concen: 92.285 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

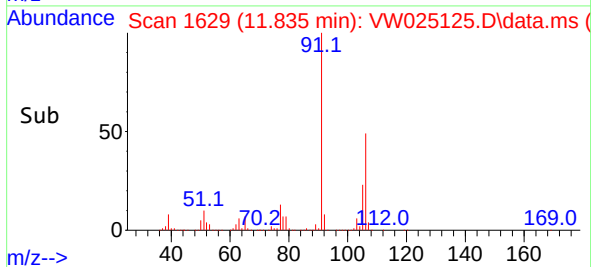
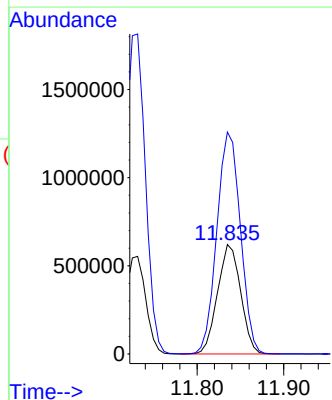
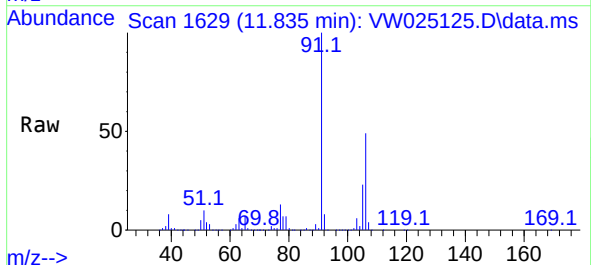
Instrument :
MSVOA_W
ClientSampleId :
VSTD100477

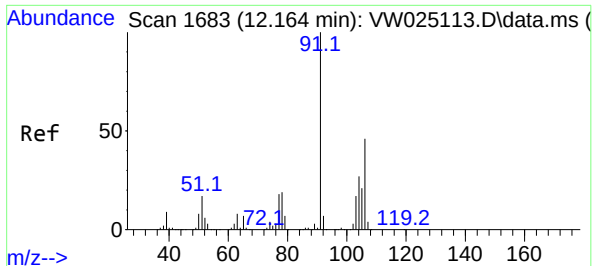
Tgt Ion: 91 Resp: 3019270
Ion Ratio Lower Upper
91 100
106 30.5 21.9 40.7



#53
m,p-Xylene
Concen: 91.649 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Tgt Ion: 106 Resp: 1150422
Ion Ratio Lower Upper
106 100
91 202.7 139.7 259.4

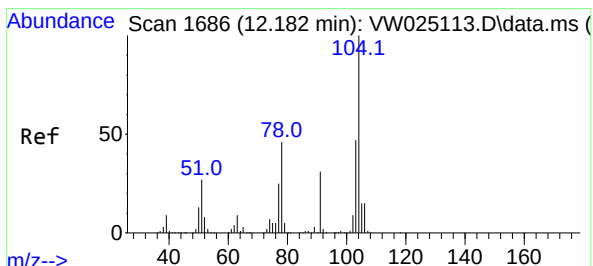
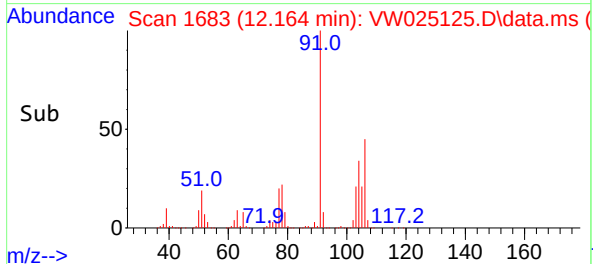
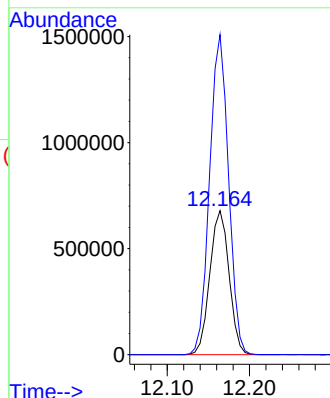
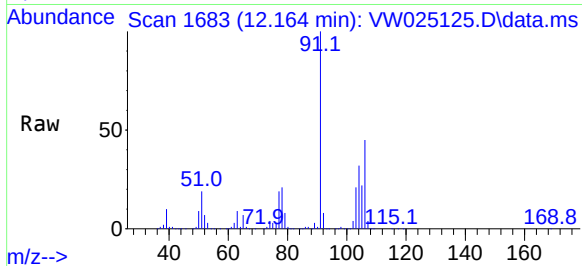




#54
o-Xylene
Concen: 94.193 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

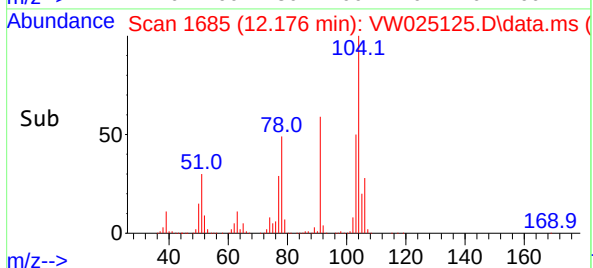
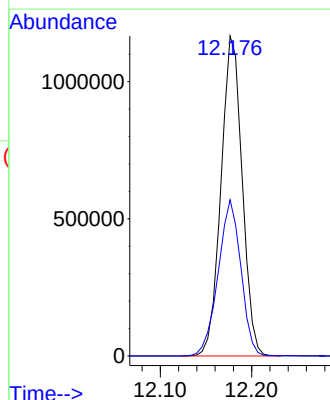
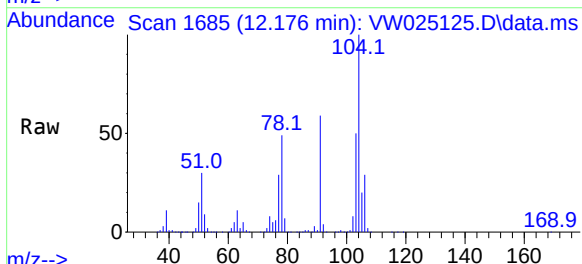
Instrument :
MSVOA_W
ClientSampleId :
VSTD100477

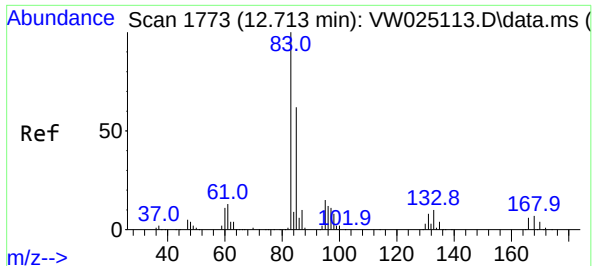
Tgt Ion:106 Resp: 1104130
Ion Ratio Lower Upper
106 100
91 222.2 148.8 276.4



#55
Styrene
Concen: 95.618 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Tgt Ion:104 Resp: 1878647
Ion Ratio Lower Upper
104 100
78 48.8 34.4 63.8

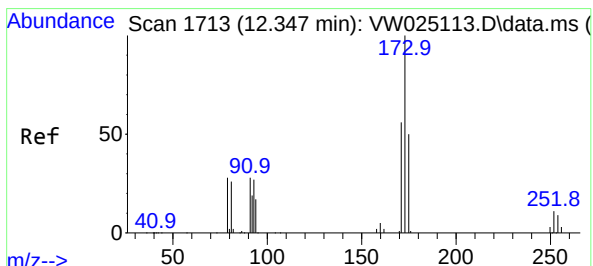
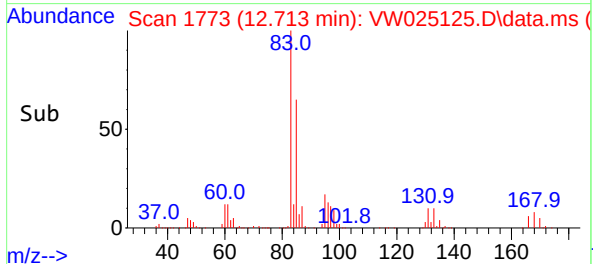
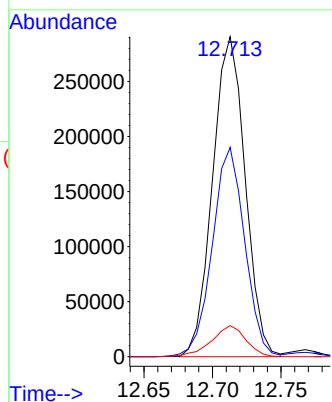
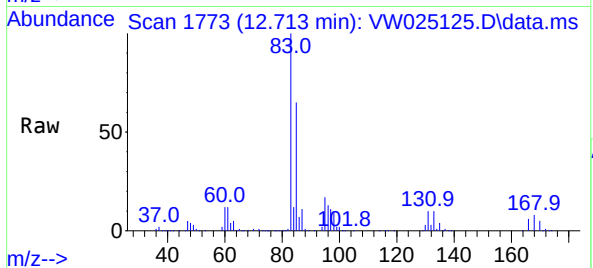




#57
1,1,2-Tetrachloroethane
Concen: 98.136 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

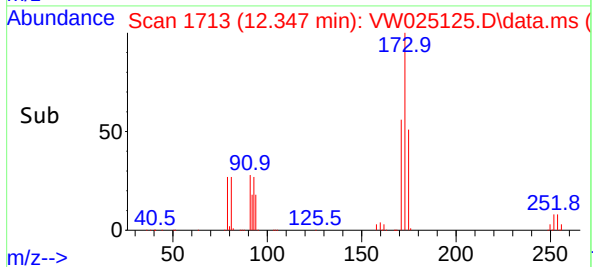
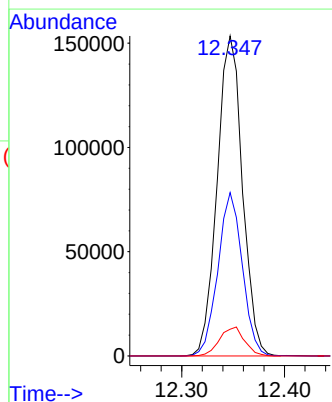
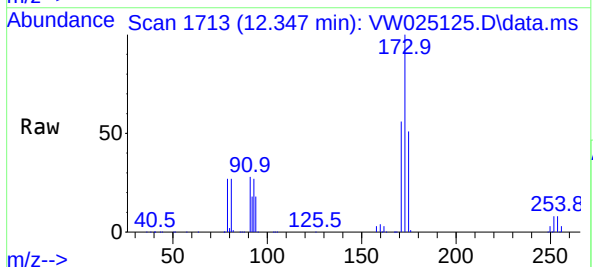
Instrument :
MSVOA_W
ClientSampleId :
VSTD100477

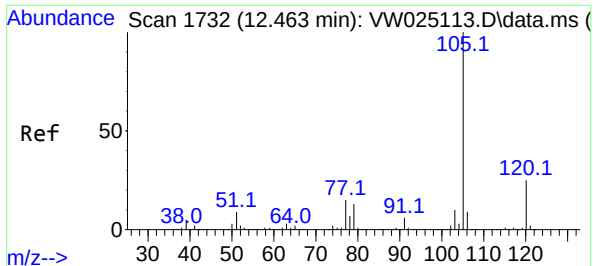
Tgt Ion: 83 Resp: 481063
Ion Ratio Lower Upper
83 100
85 65.4 46.8 87.0
131 9.7 8.2 12.2



#59
Bromoform
Concen: 114.767 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Tgt Ion: 173 Resp: 262242
Ion Ratio Lower Upper
173 100
175 49.3 37.4 56.0
254 8.9 6.8 10.2

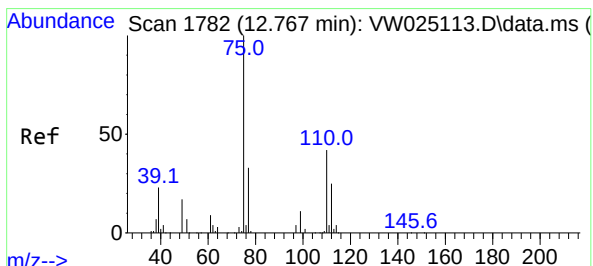
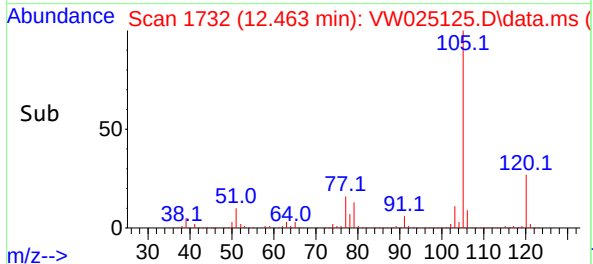
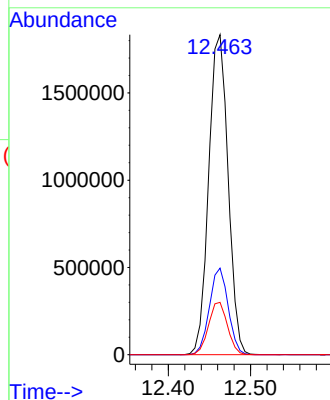
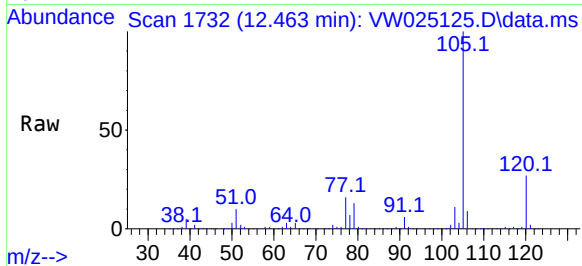




#60
Isopropylbenzene
Concen: 103.995 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

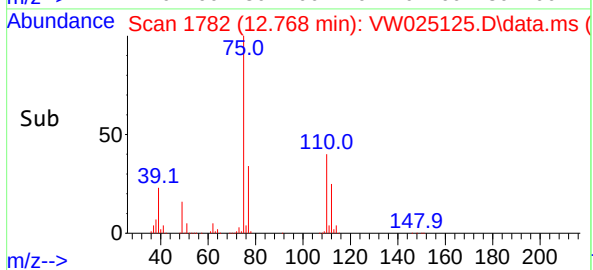
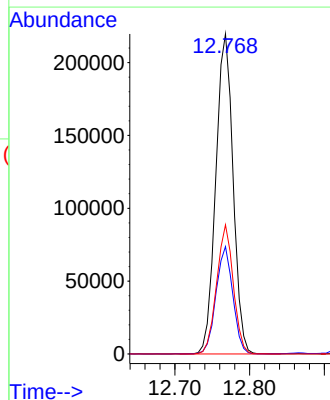
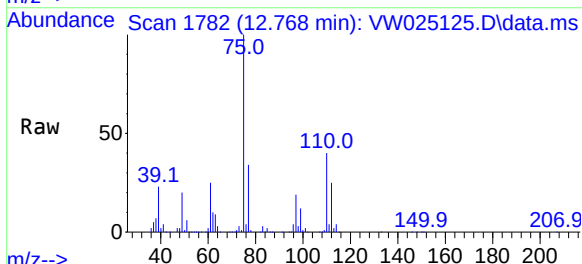
Instrument :
MSVOA_W
ClientSampleId :
VSTD100477

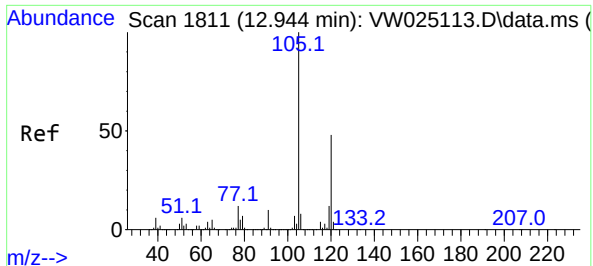
Tgt Ion:105 Resp: 3000005
Ion Ratio Lower Upper
105 100
120 26.2 20.6 31.0
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 110.500 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Tgt Ion: 75 Resp: 352426
Ion Ratio Lower Upper
75 100
77 32.7 26.6 40.0
110 38.9 31.7 47.5

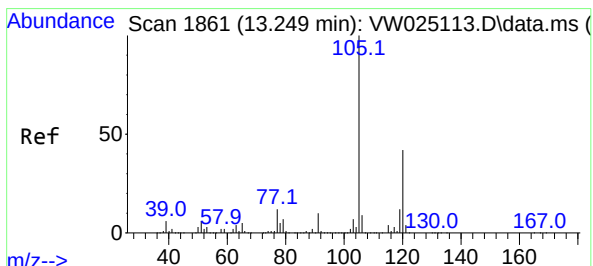
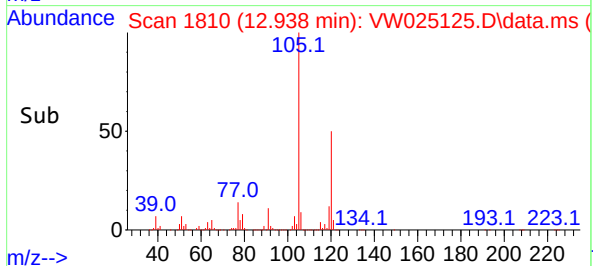
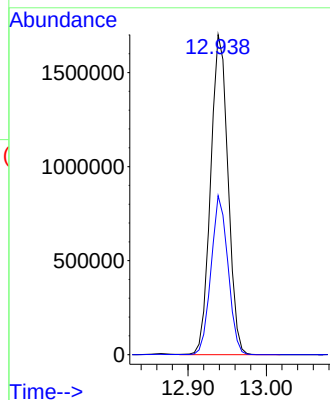
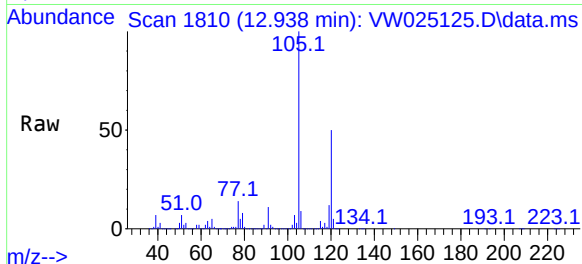




#62
1,3,5-Trimethylbenzene
Concen: 106.101 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

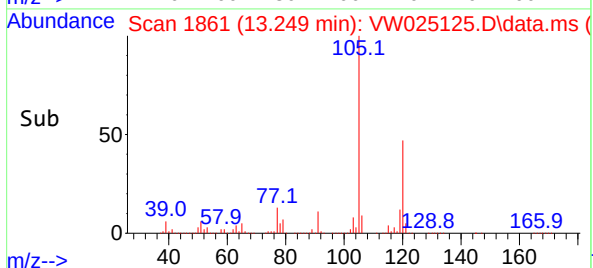
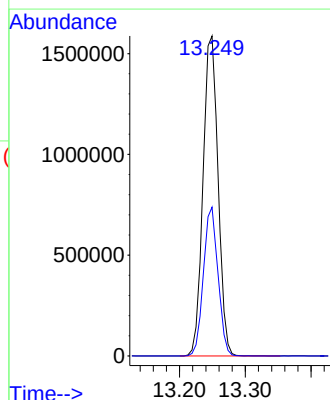
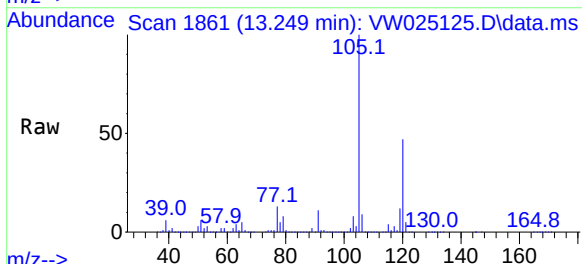
Instrument :
MSVOA_W
ClientSampleId :
VSTD100477

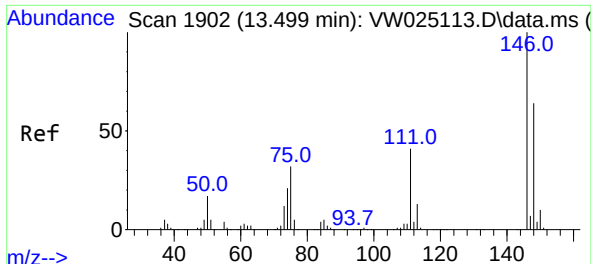
Tgt Ion:105 Resp: 2615611
Ion Ratio Lower Upper
105 100
120 48.3 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 106.167 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Tgt Ion:105 Resp: 2523811
Ion Ratio Lower Upper
105 100
120 45.1 36.1 54.1

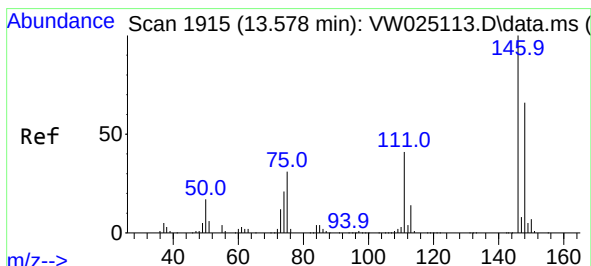
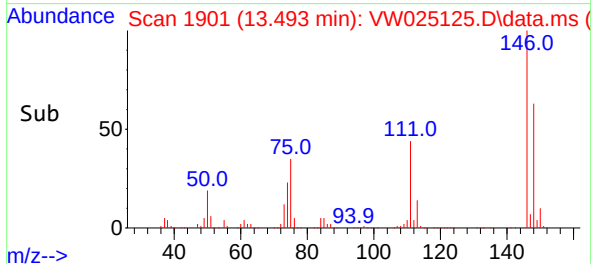
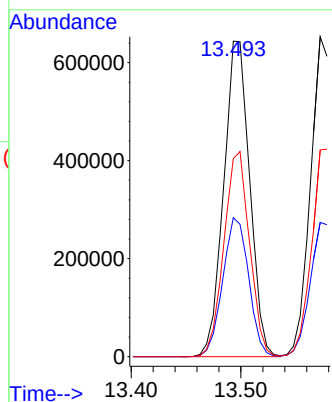
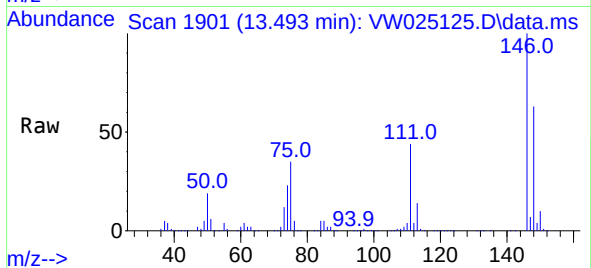




#64
1,3-Dichlorobenzene
Concen: 90.935 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

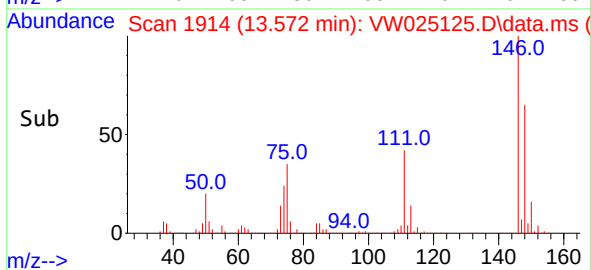
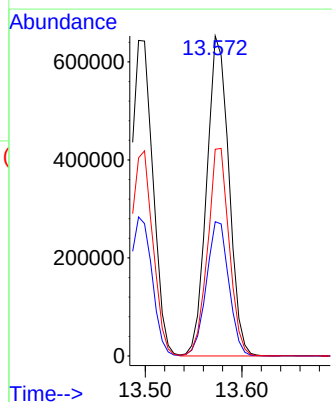
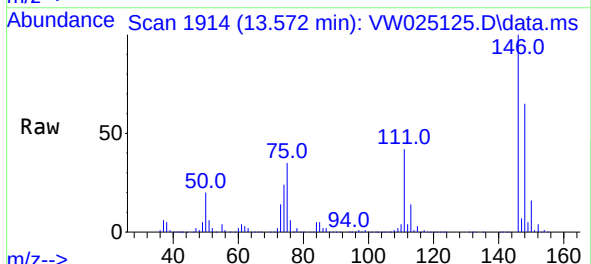
Instrument :
MSVOA_W
ClientSampleId :
VSTD100477

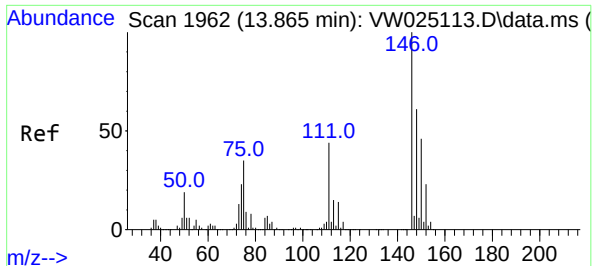
Tgt Ion:146 Resp: 1061431
Ion Ratio Lower Upper
146 100
111 44.1 30.2 56.0
148 62.8 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 89.972 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Tgt Ion:146 Resp: 1040861
Ion Ratio Lower Upper
146 100
111 42.0 27.4 51.0
148 64.6 41.6 77.3

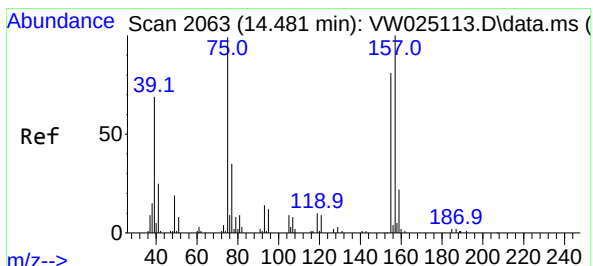
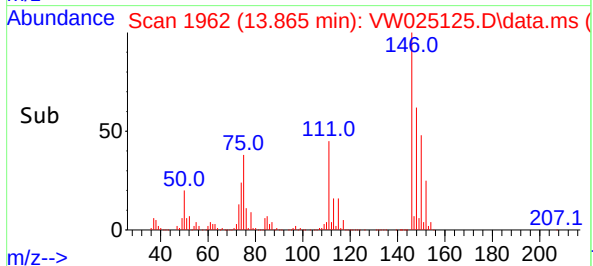
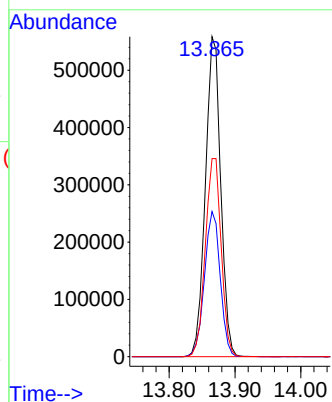
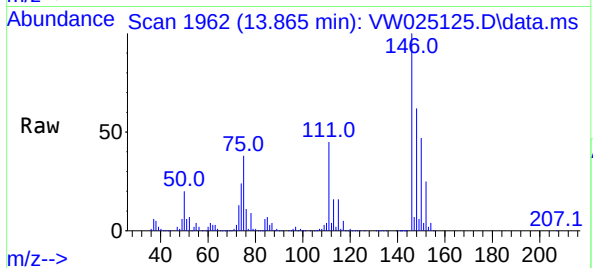




#67
1,2-Dichlorobenzene
Concen: 89.488 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

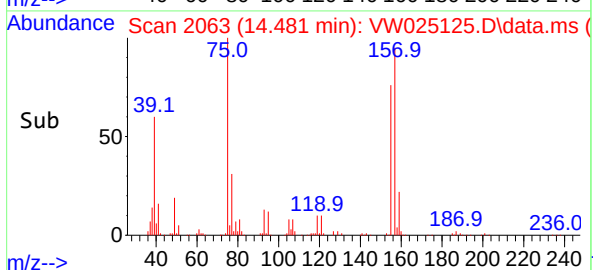
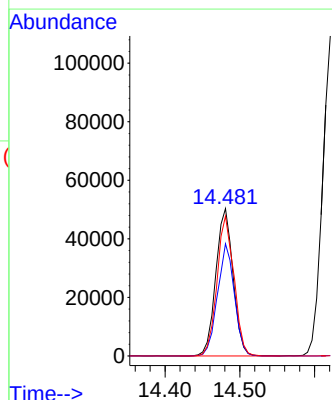
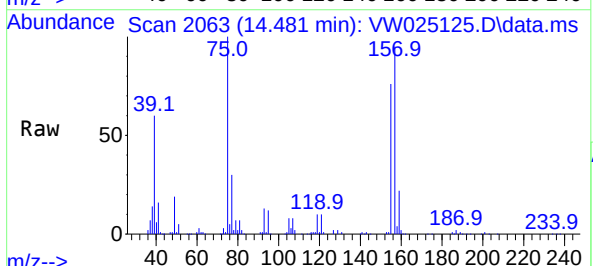
Instrument :
MSVOA_W
ClientSampleId :
VSTD100477

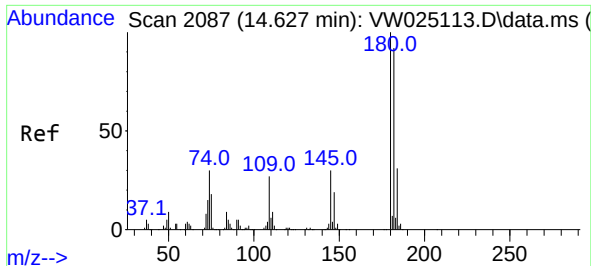
Tgt Ion:146 Resp: 904366
Ion Ratio Lower Upper
146 100
111 45.4 34.3 51.5
148 61.9 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 126.108 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Tgt Ion: 75 Resp: 80768
Ion Ratio Lower Upper
75 100
155 76.1 60.3 90.5
157 94.9 84.9 127.3



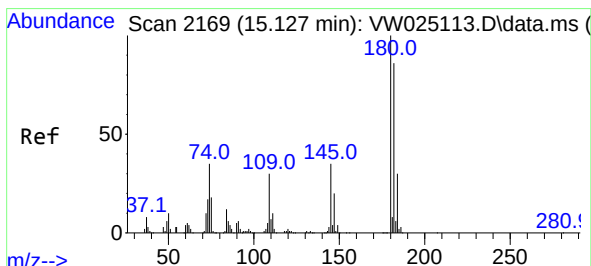
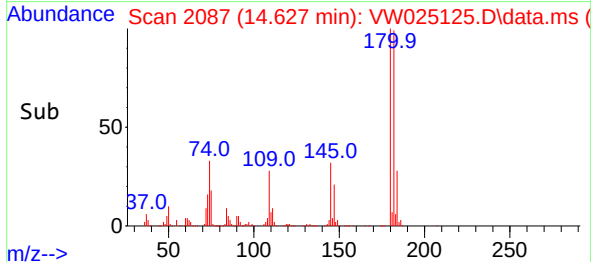
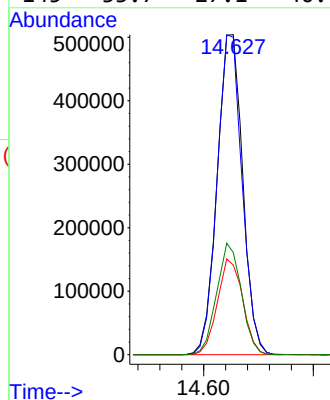
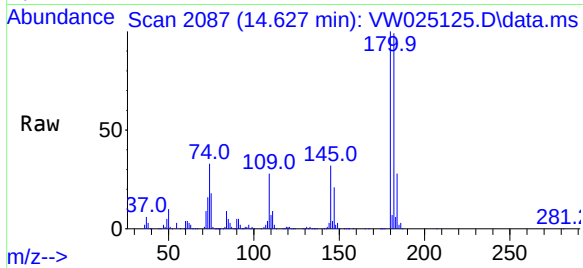


#69
1,3,5-Trichlorobenzene
Concen: 108.533 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Instrument :
MSVOA_W
ClientSampleId :
VSTD100477

Tgt Ion:180 Resp: 815302

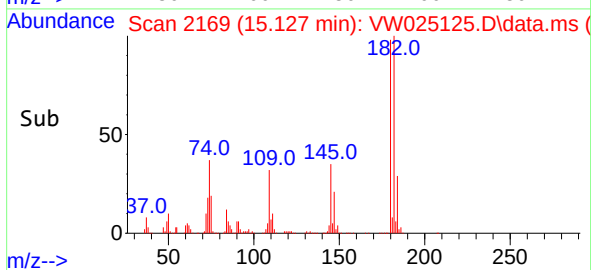
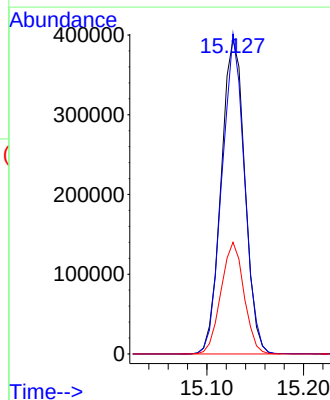
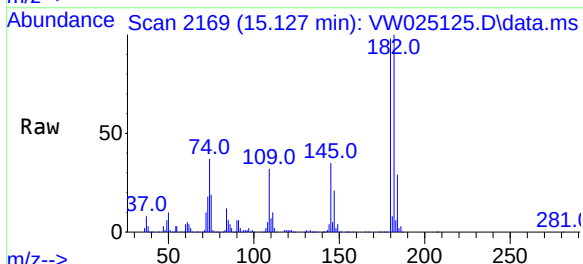
Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.8	116.6
184	29.7	24.3	36.5
145	33.7	27.1	40.7

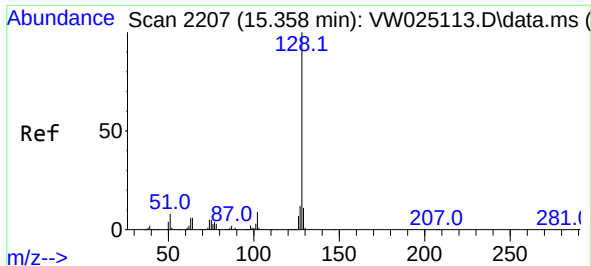


#70
1,2,4-trichlorobenzene
Concen: 120.564 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Tgt Ion:180 Resp: 670960

Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.2	115.8
145	34.5	26.9	40.3

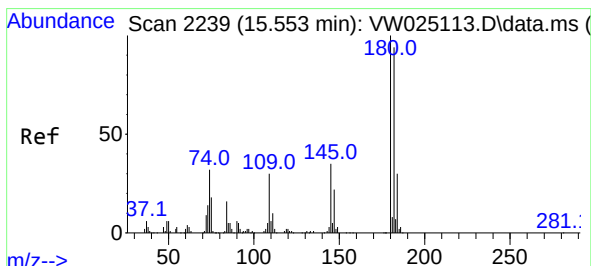
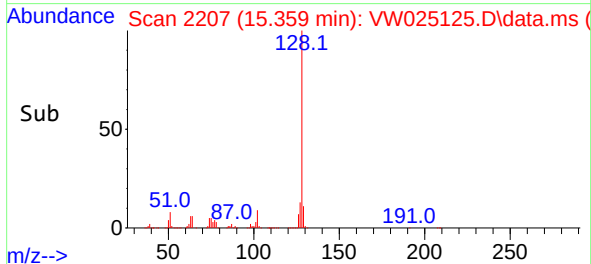
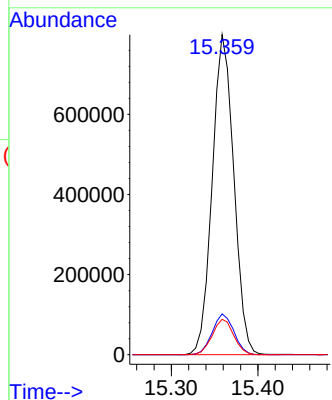
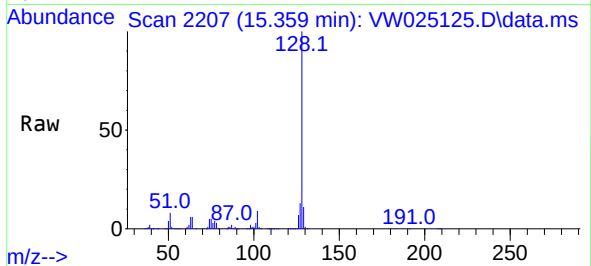




#71
Naphthalene
Concen: 135.386 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Instrument :
MSVOA_W
ClientSampleId :
VSTD100477

Tgt Ion:128 Resp: 1381288
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 123.246 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW025125.D
Acq: 08 Dec 2022 11:08

Tgt Ion:180 Resp: 572004
Ion Ratio Lower Upper
180 100
182 97.1 76.4 114.6
145 36.8 29.6 44.4

