

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
 Data File : VW024956.D
 Acq On : 19 Oct 2022 22:47
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025592

Quant Time: Oct 20 02:05:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 20 01:56:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	495701	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	456604	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	210169	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	112924	19.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.240%
7) Chloroethane-d5	2.885	69	66773	19.501	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	4.025	63	266914	20.992	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.960%
21) 2-Butanone-d5	7.080	46	89356	48.223	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.440%
24) Chloroform-d	7.647	84	319311	22.838	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.360%
26) 1,2-Dichloroethane-d4	8.305	65	161470	22.067	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.280%
32) Benzene-d6	8.275	84	642209	22.429	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.720%
36) 1,2-Dichloropropane-d6	9.275	67	199968	22.770	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.080%
41) Toluene-d8	10.323	98	569878	22.175	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.720%
43) trans-1,3-Dichloroprop...	10.579	79	74974	22.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.040%
47) 2-Hexanone-d5	10.921	63	71415	48.504	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.000%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	157107	22.940	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.760%
66) 1,2-Dichlorobenzene-d4	13.847	152	178388	23.226	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	41535	18.728	ug/L	98
3) Chloromethane	2.221	50	125476	24.292	ug/L	100
5) Vinyl chloride	2.361	62	173984	24.689	ug/L	98
6) Bromomethane	2.776	94	79992	23.371	ug/L	89
8) Chloroethane	2.922	64	69227	23.576	ug/L	98
9) Trichlorofluoromethane	3.257	101	89460	25.664	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	164971	23.244	ug/L	98
12) 1,1-Dichloroethene	4.044	96	161238	24.009	ug/L	85
13) Acetone	4.123	43	57923	44.671	ug/L	97
14) Carbon disulfide	4.385	76	514847	23.470	ug/L	99
15) Methyl Acetate	4.672	43	78324	24.820	ug/L	99
16) Methylene chloride	4.916	84	195876	22.380	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	185135	25.326	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	289518	26.651	ug/L	99
19) 1,1-Dichloroethane	6.220	63	345913	25.577	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	205431	26.002	ug/L	97
22) 2-Butanone	7.171	43	102928	47.583	ug/L	100
23) Bromochloromethane	7.513	128	83874	25.955	ug/L	98
25) Chloroform	7.671	83	339826	25.599	ug/L	99

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 Response via : Initial Calibration

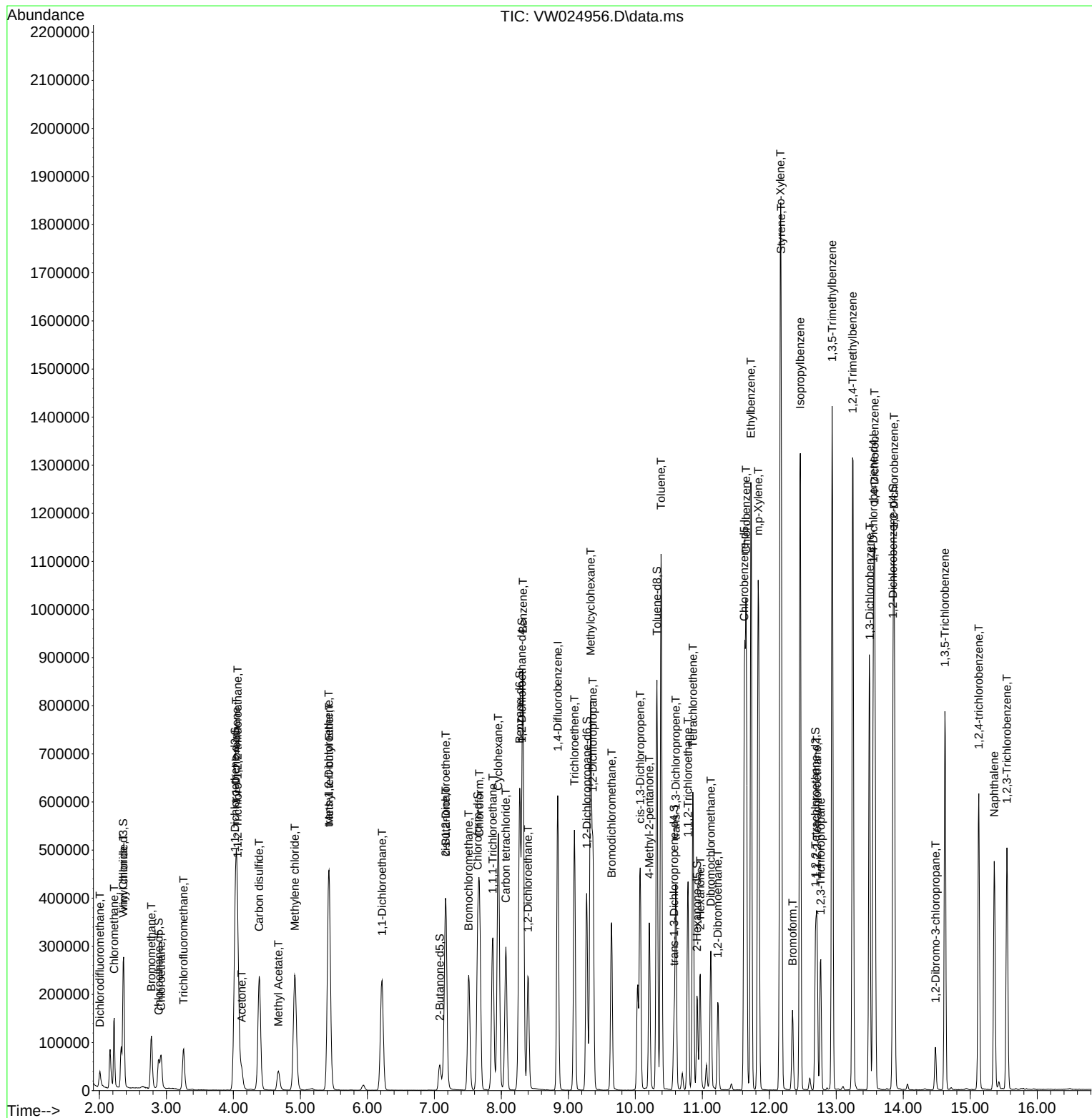
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	213770	24.903	ug/L	100
29) Cyclohexane	7.952	56	319719	24.110	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	259018	24.666	ug/L	99
31) Carbon tetrachloride	8.067	117	223304	24.220	ug/L	100
33) Benzene	8.323	78	786870	25.331	ug/L	100
34) Trichloroethene	9.092	95	191977	24.540	ug/L	97
35) Methylcyclohexane	9.335	83	336528	23.902	ug/L	98
37) 1,2-Dichloropropane	9.366	63	196764	25.417	ug/L	100
38) Bromodichloromethane	9.646	83	238986	24.985	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	284943	25.464	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	226752	49.556	ug/L	100
42) Toluene	10.384	91	796013	24.993	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	234255	25.215	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	136040	25.158	ug/L	99
46) Tetrachloroethene	10.860	164	130806	24.591	ug/L	93
48) 2-Hexanone	10.969	43	153150	49.366	ug/L	96
49) Dibromochloromethane	11.128	129	148538	24.814	ug/L	95
50) 1,2-Dibromoethane	11.231	107	128064	25.140	ug/L #	99
51) Chlorobenzene	11.652	112	493865	24.672	ug/L	99
52) Ethylbenzene	11.725	91	906174	25.408	ug/L	98
53) m,p-Xylene	11.835	106	342316	25.263	ug/L	97
54) o-Xylene	12.164	106	327041	25.349	ug/L	98
55) Styrene	12.176	104	559500	25.285	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	165852	25.139	ug/L	97
59) Bromoform	12.347	173	70937	25.224	ug/L #	98
60) Isopropylbenzene	12.463	105	879144	25.932	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	116818	25.279	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	770366	26.467	ug/L	100
63) 1,2,4-Trimethylbenzene	13.243	105	737441	26.277	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	353311	25.590	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	361153	25.841	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	313551	25.550	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	22800	22.699	ug/L	97
69) 1,3,5-Trichlorobenzene	14.621	180	224521	24.906	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	181924	24.873	ug/L	96
71) Naphthalene	15.359	128	397799	25.102	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	156696	25.100	ug/L	98

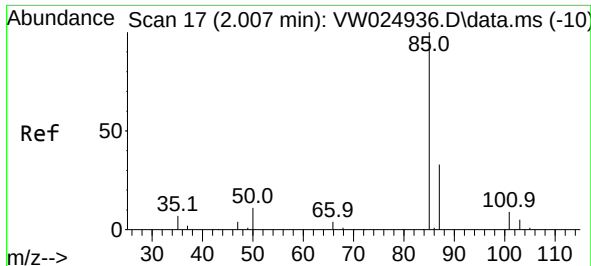
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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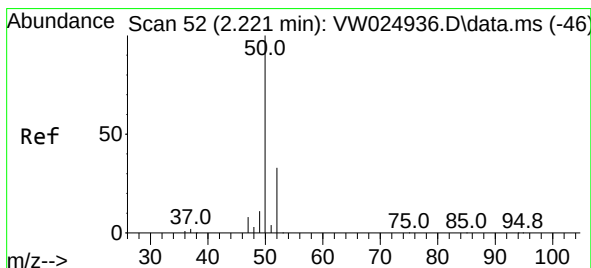
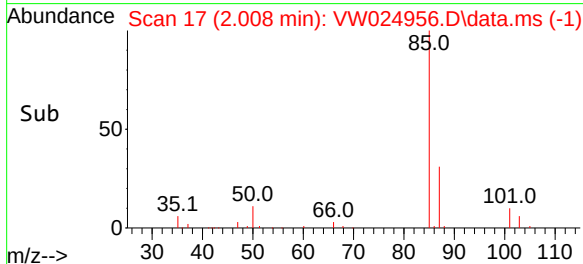
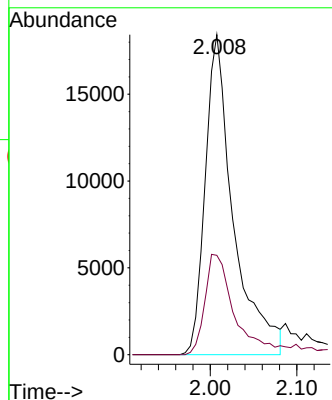
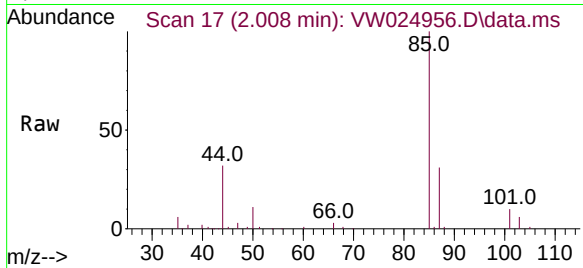




#2
 Dichlorodifluoromethane
 Concen: 18.728 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024956.D
 Acq: 19 Oct 2022 22:47

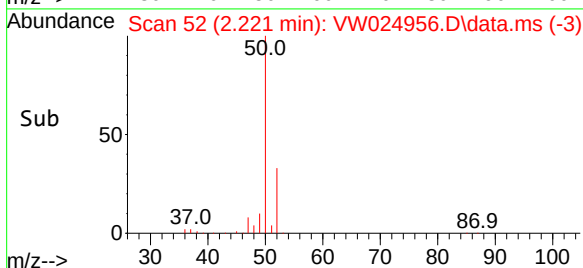
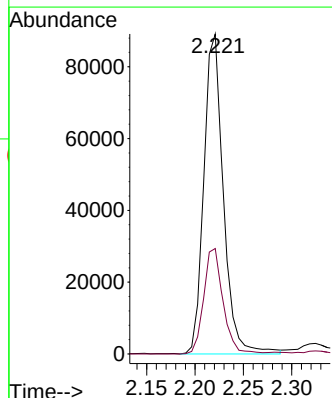
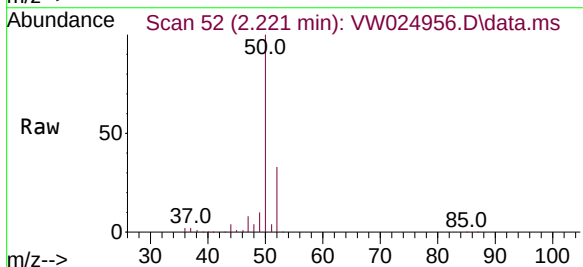
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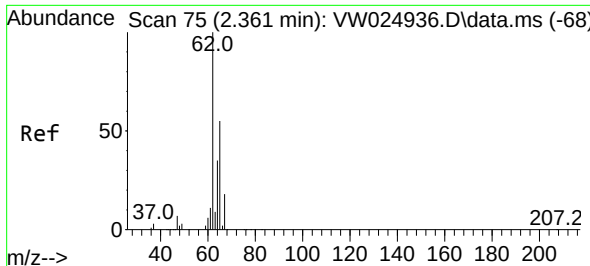
Tgt Ion: 85 Resp: 41535
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.8 40.2



#3
 Chloromethane
 Concen: 24.292 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW024956.D
 Acq: 19 Oct 2022 22:47

Tgt Ion: 50 Resp: 125476
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.1 42.9

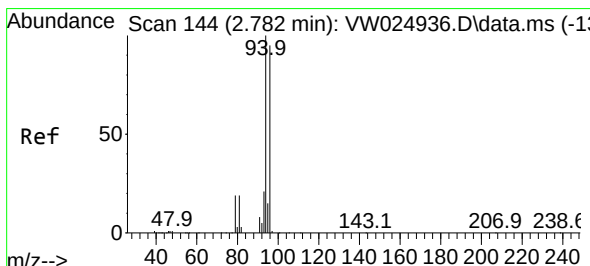
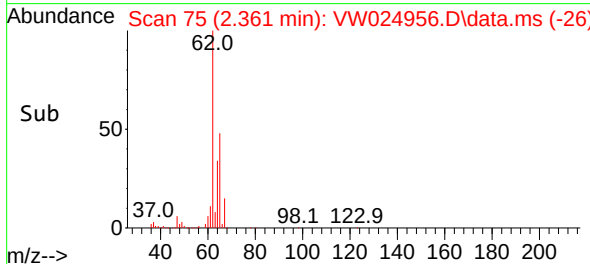
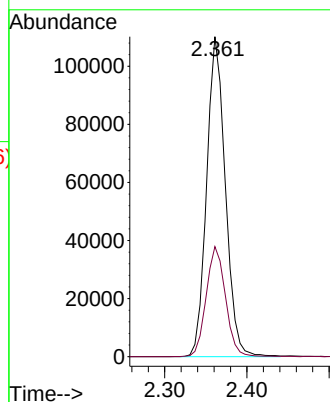
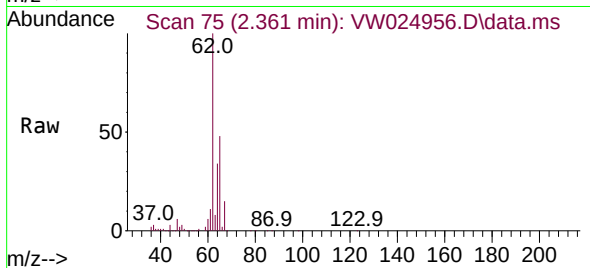




#5
 Vinyl chloride
 Concen: 24.689 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW024956.D
 Acq: 19 Oct 2022 22:47

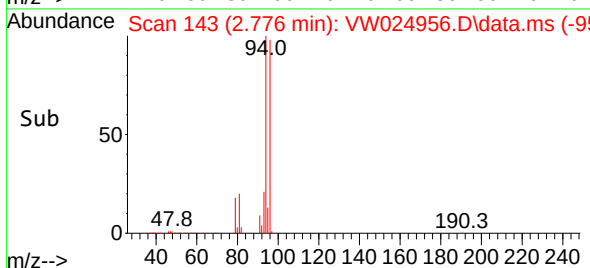
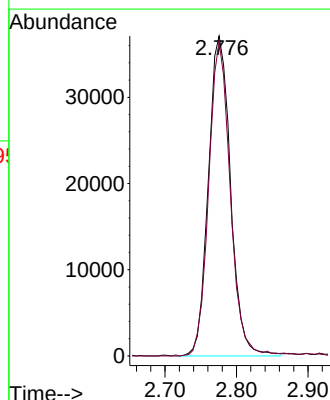
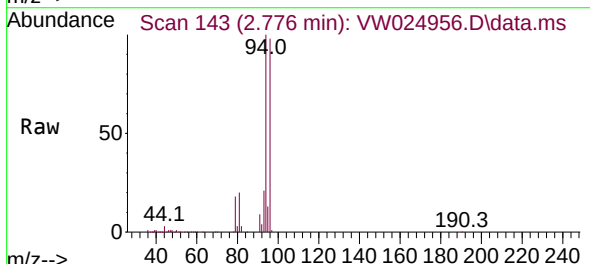
Instrument :
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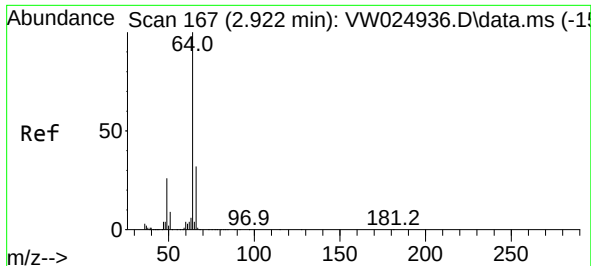
Tgt Ion: 62 Resp: 173984
 Ion Ratio Lower Upper
 62 100
 64 34.4 24.7 45.9



#6
 Bromomethane
 Concen: 23.371 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW024956.D
 Acq: 19 Oct 2022 22:47

Tgt Ion: 94 Resp: 79992
 Ion Ratio Lower Upper
 94 100
 96 98.2 61.4 114.0

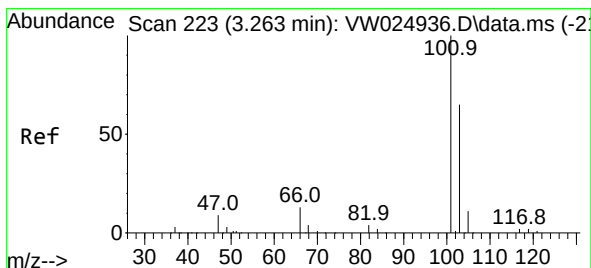
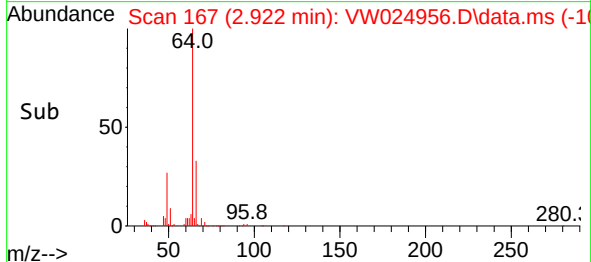
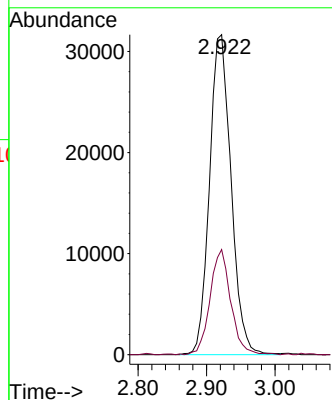
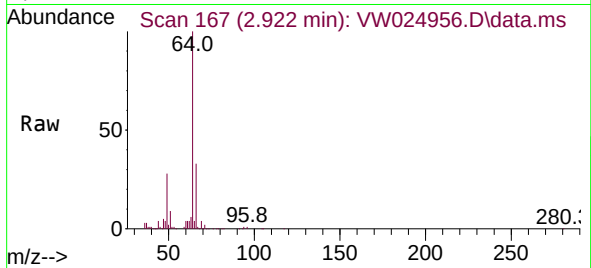




#8
Chloroethane
Concen: 23.576 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

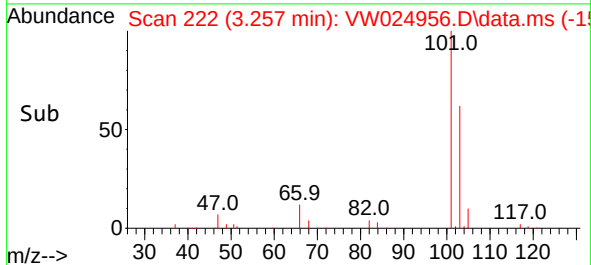
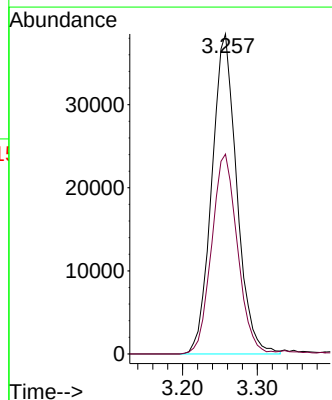
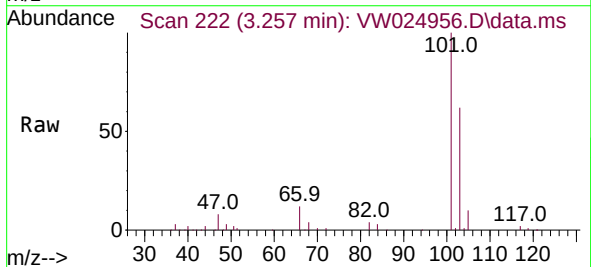
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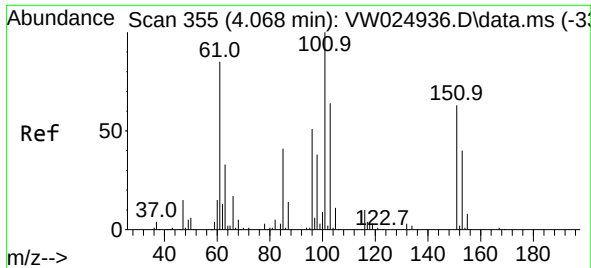
Tgt Ion: 64 Resp: 69227
Ion Ratio Lower Upper
64 100
66 32.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 25.664 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

Tgt Ion:101 Resp: 89460
Ion Ratio Lower Upper
101 100
103 64.4 52.9 79.3

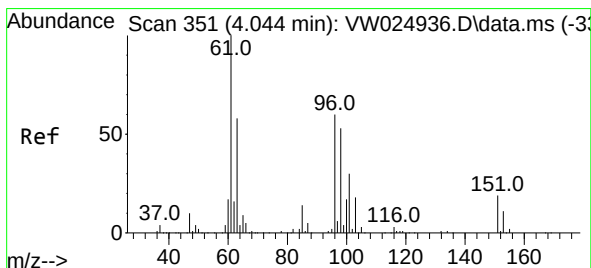
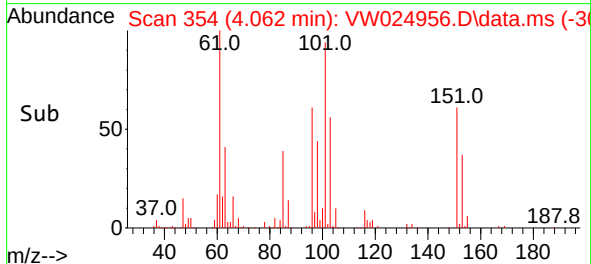
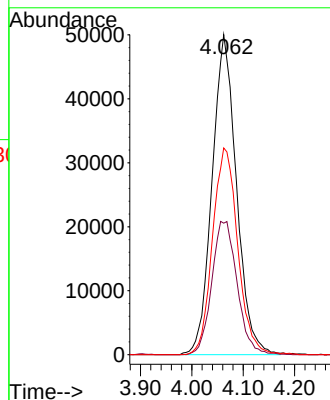
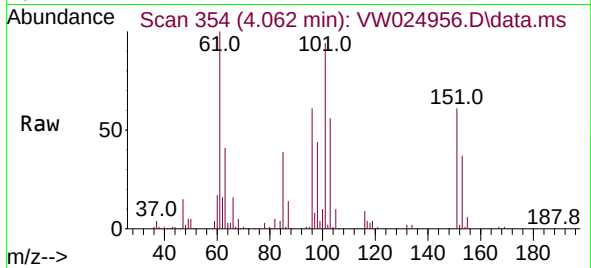




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.244 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW024956.D
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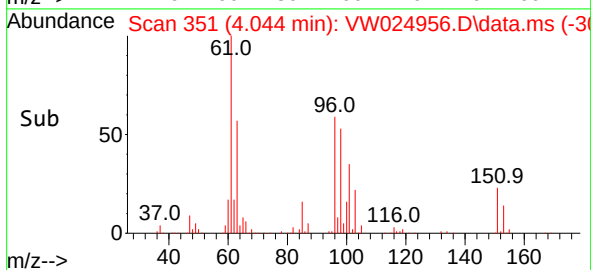
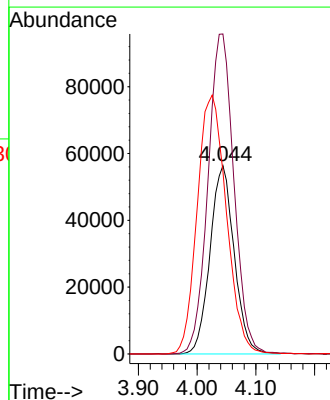
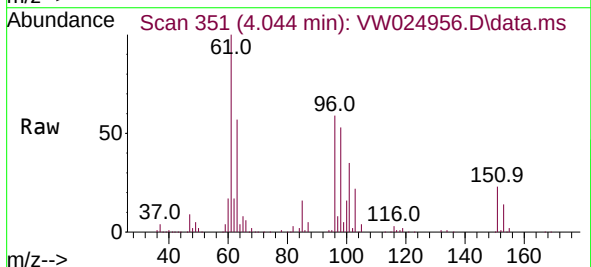
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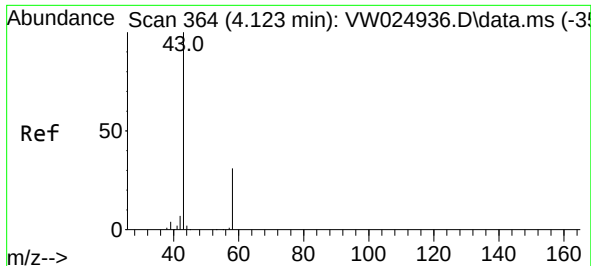
Tgt Ion:101 Resp: 164971
 Ion Ratio Lower Upper
 101 100
 85 43.2 33.6 50.4
 151 66.6 52.0 78.0



#12
 1,1-Dichloroethene
 Concen: 24.009 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
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Tgt Ion: 96 Resp: 161238
 Ion Ratio Lower Upper
 96 100
 61 170.0 122.4 227.2
 63 97.0 92.1 171.1





#13

Acetone

Concen: 44.671 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

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Instrument :

MSVOA_W

ClientSampleId :

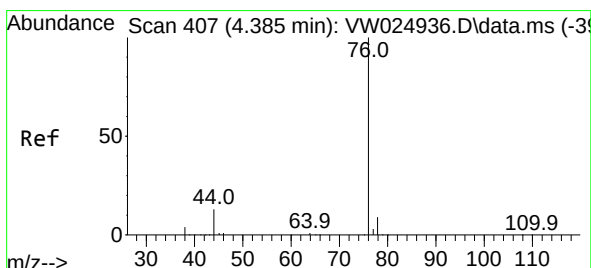
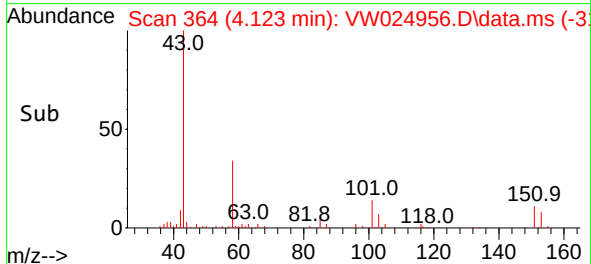
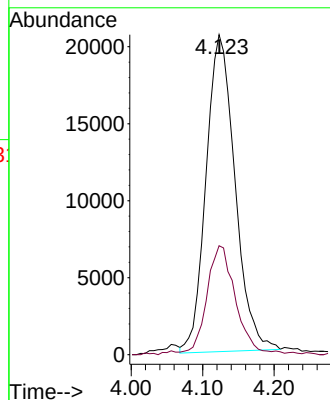
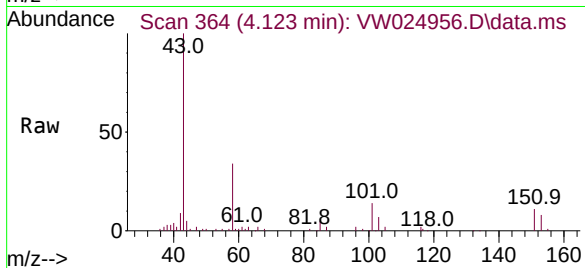
VSTD025592

Tgt Ion: 43 Resp: 57923

Ion Ratio Lower Upper

43 100

58 33.9 0.0 64.2



#14

Carbon disulfide

Concen: 23.470 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW024956.D

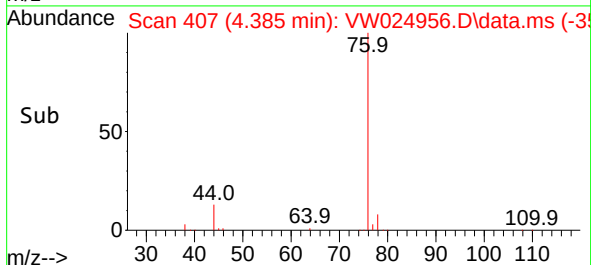
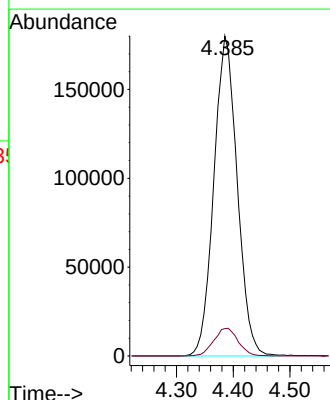
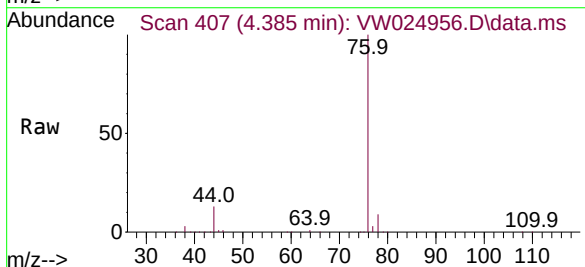
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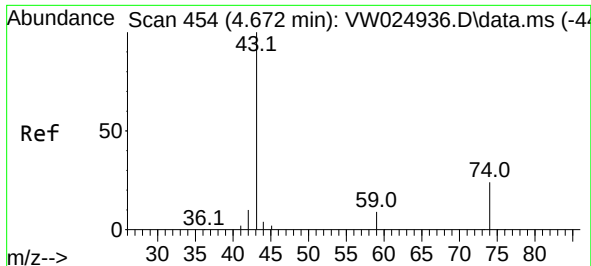
Tgt Ion: 76 Resp: 514847

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9

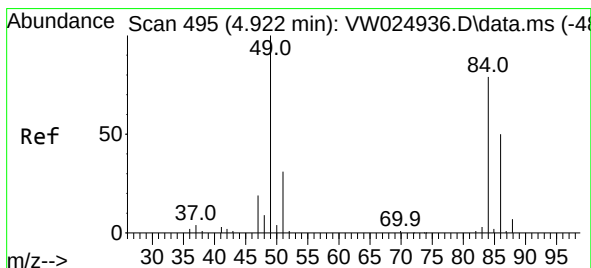
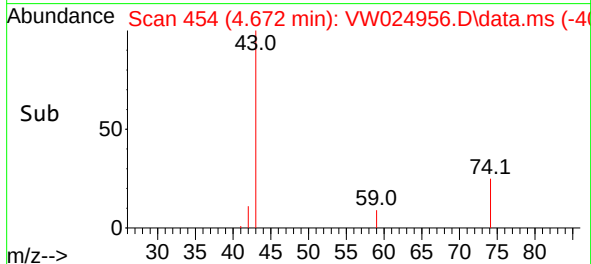
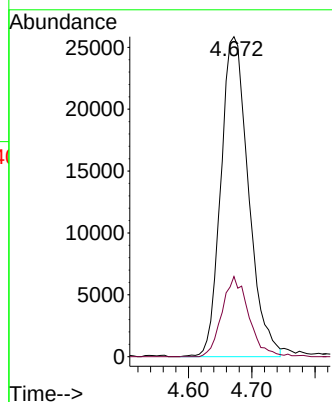
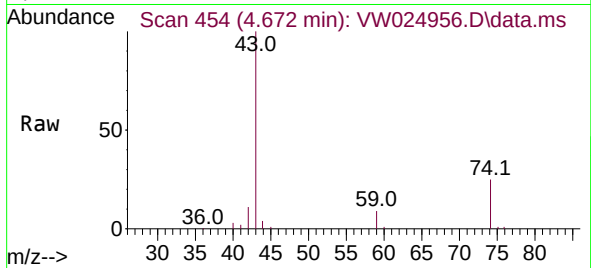




#15
Methyl Acetate
Concen: 24.820 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

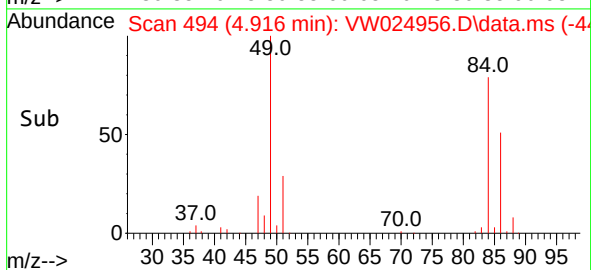
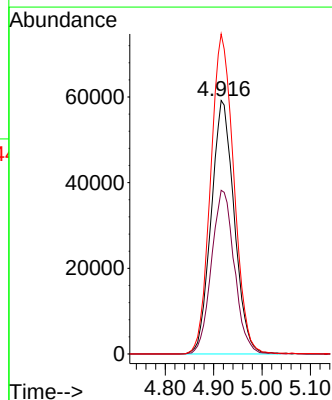
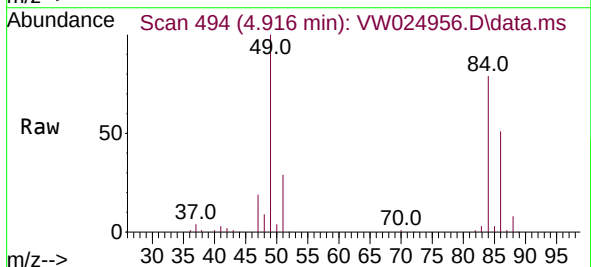
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

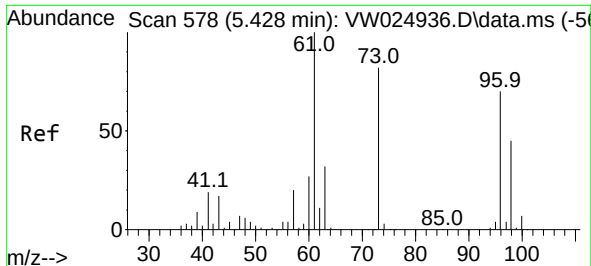
Tgt Ion: 43 Resp: 78324
Ion Ratio Lower Upper
43 100
74 24.1 19.0 28.6



#16
Methylene chloride
Concen: 22.380 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

Tgt Ion: 84 Resp: 195876
Ion Ratio Lower Upper
84 100
86 64.6 45.5 84.5
49 126.3 90.9 168.9

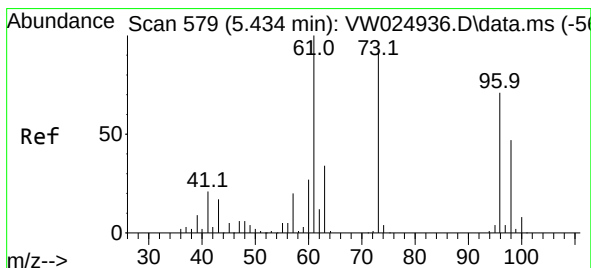
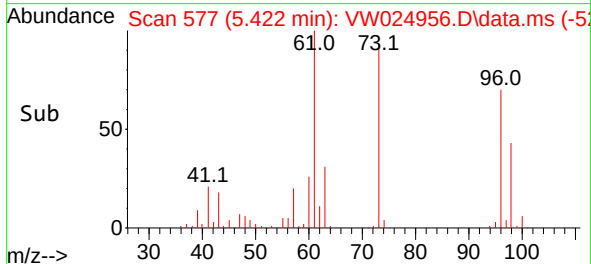
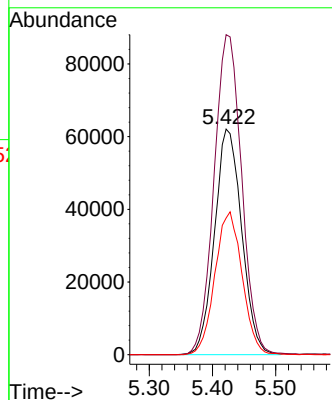
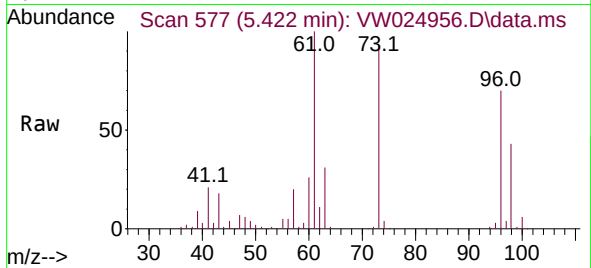




#17
trans-1,2-Dichloroethene
Concen: 25.326 ug/L
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

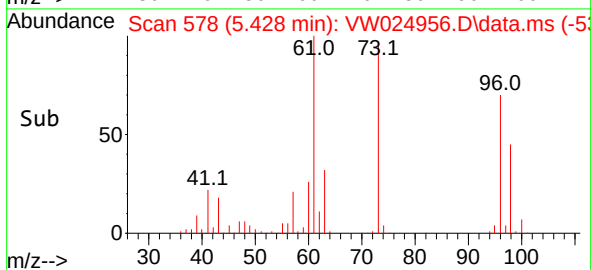
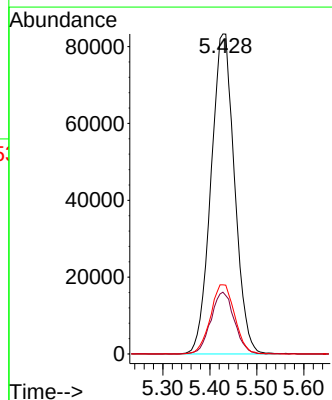
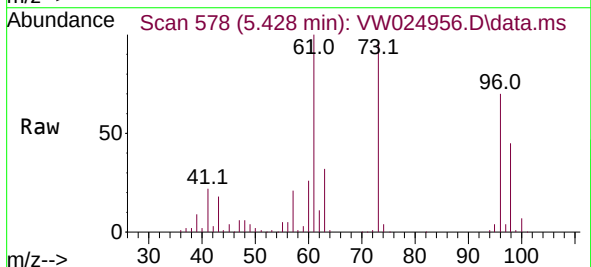
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

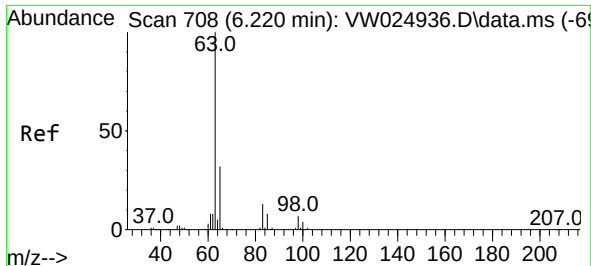
Tgt Ion: 96 Resp: 185135
Ion Ratio Lower Upper
96 100
61 141.9 102.2 189.8
98 60.6 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 26.651 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

Tgt Ion: 73 Resp: 289518
Ion Ratio Lower Upper
73 100
43 19.3 15.8 23.6
57 22.3 18.2 27.4





#19

1,1-Dichloroethane

Concen: 25.577 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW024956.D

Acq: 19 Oct 2022 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025592

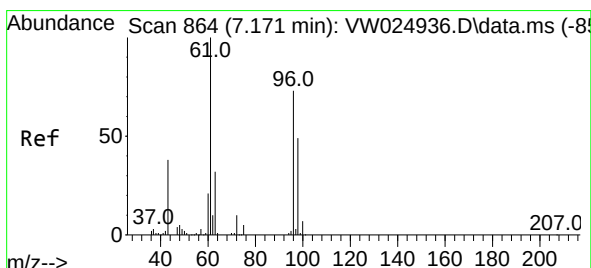
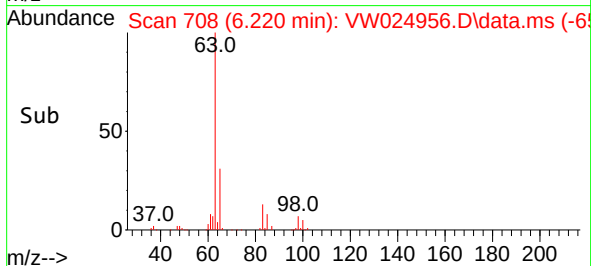
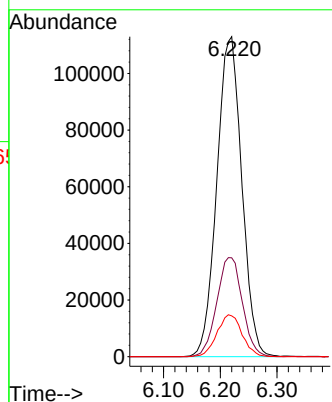
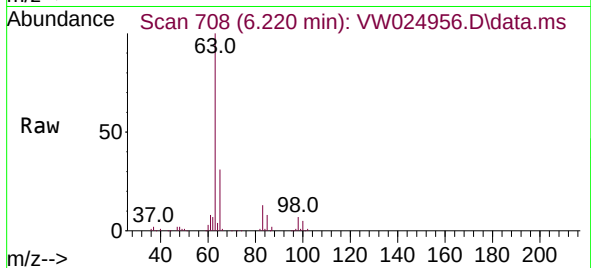
Tgt Ion: 63 Resp: 345913

Ion Ratio Lower Upper

63 100

65 30.9 22.4 41.6

83 12.8 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 26.002 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024956.D

Acq: 19 Oct 2022 22:47

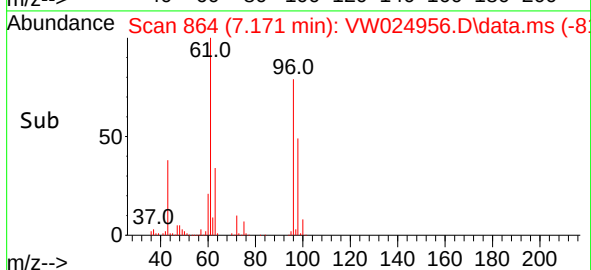
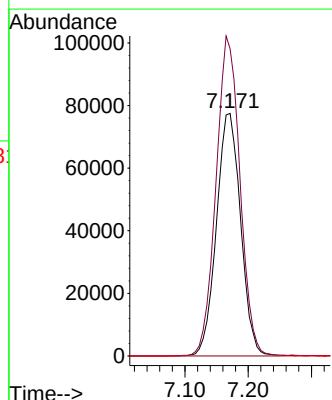
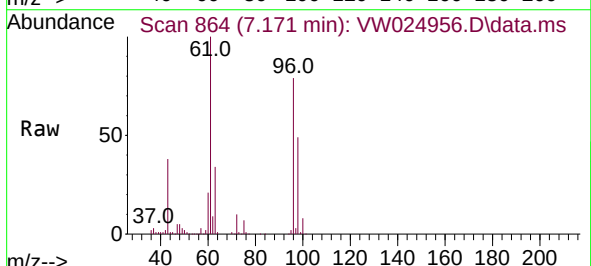
Tgt Ion: 96 Resp: 205431

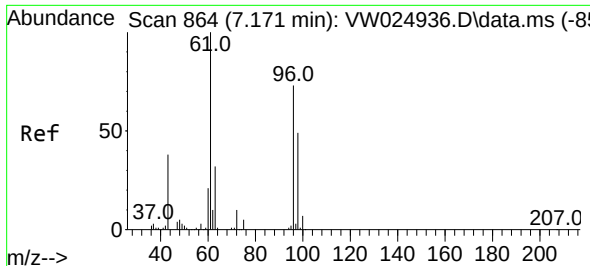
Ion Ratio Lower Upper

96 100

61 126.5 90.9 168.7

68 0.0 0.0 0.0

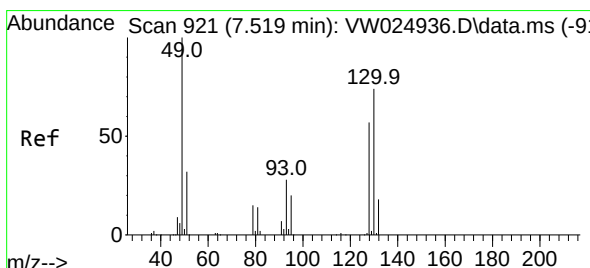
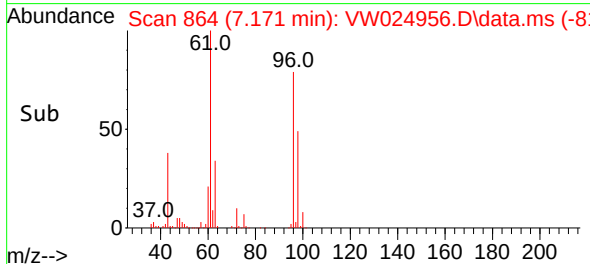
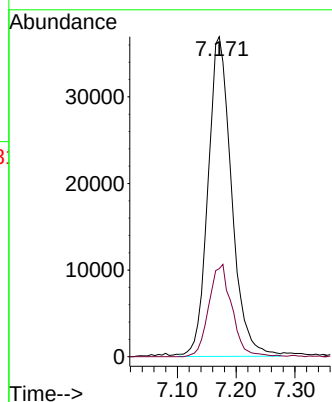
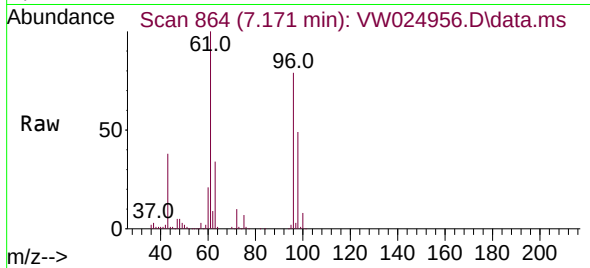




#22
2-Butanone
Concen: 47.583 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

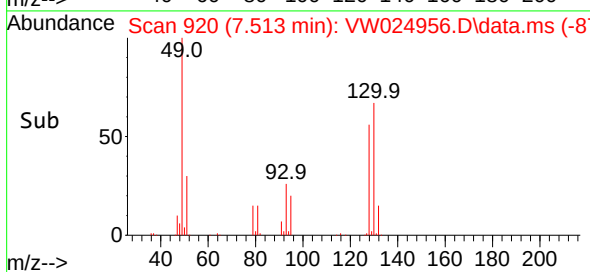
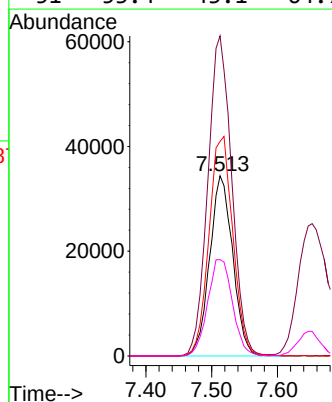
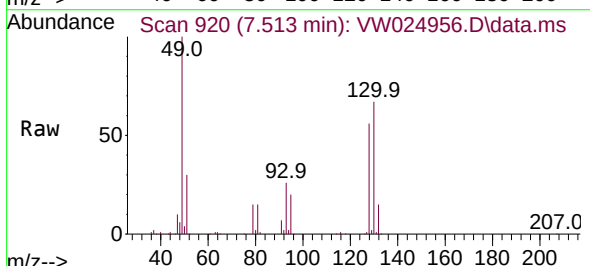
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

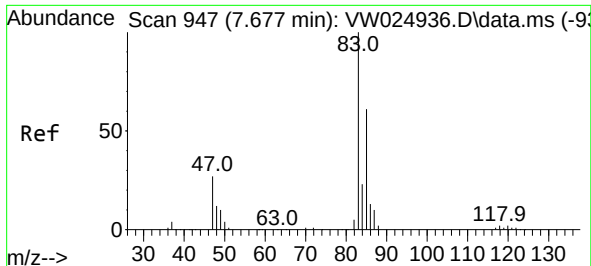
Tgt Ion: 43 Resp: 102928
Ion Ratio Lower Upper
43 100
72 28.2 14.1 42.3



#23
Bromochloromethane
Concen: 25.955 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

Tgt Ion: 128 Resp: 83874
Ion Ratio Lower Upper
128 100
49 177.6 122.7 227.9
130 119.1 86.0 159.8
51 53.4 43.1 64.7

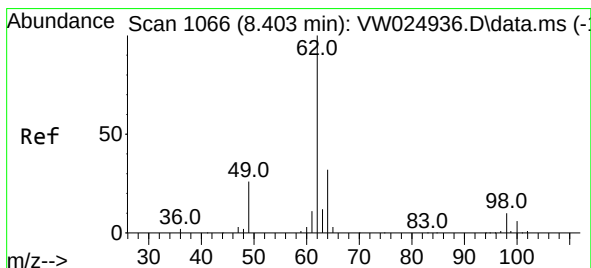
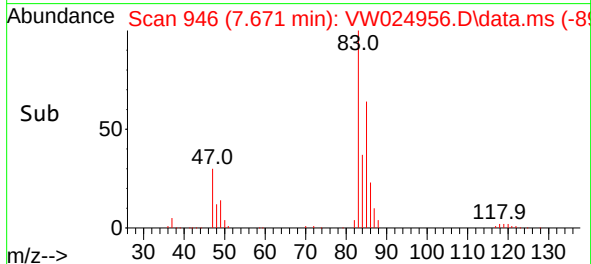
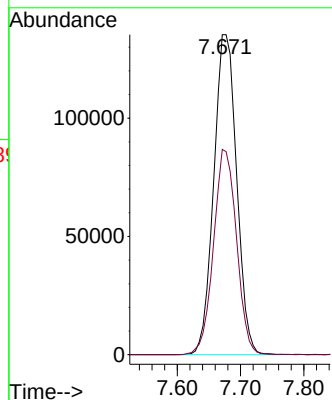
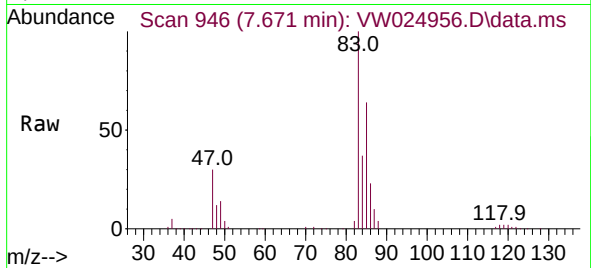




#25
Chloroform
Concen: 25.599 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

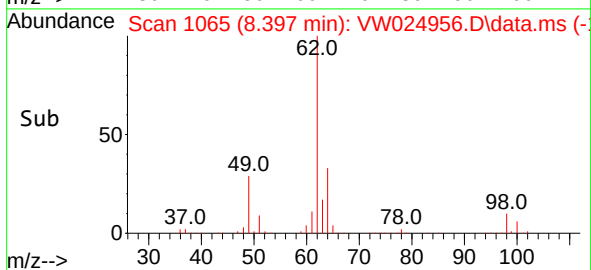
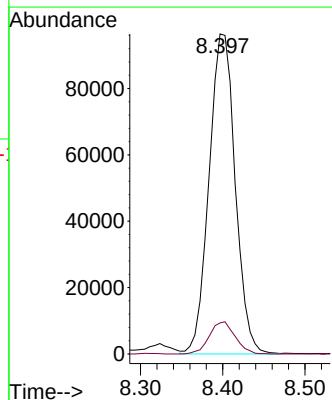
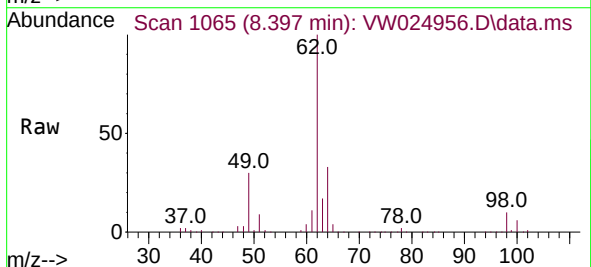
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

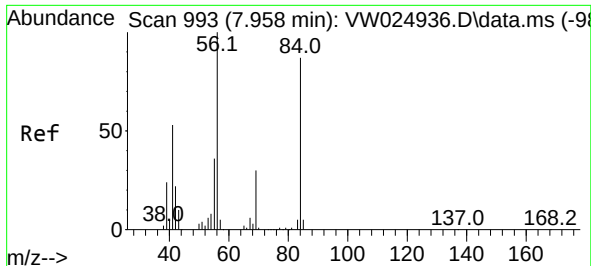
Tgt Ion: 83 Resp: 339826
Ion Ratio Lower Upper
83 100
85 64.1 45.3 84.1



#27
1,2-Dichloroethane
Concen: 24.903 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

Tgt Ion: 62 Resp: 213770
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.6





#29

Cyclohexane

Concen: 24.110 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW024956.D

Acq: 19 Oct 2022 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025592

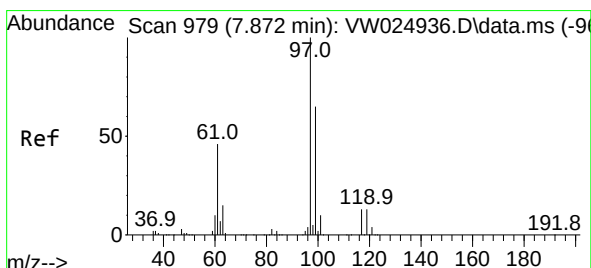
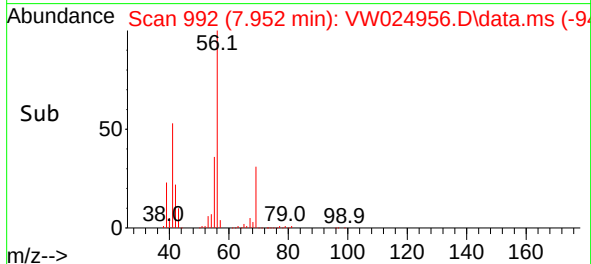
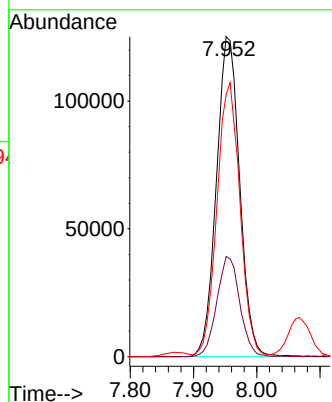
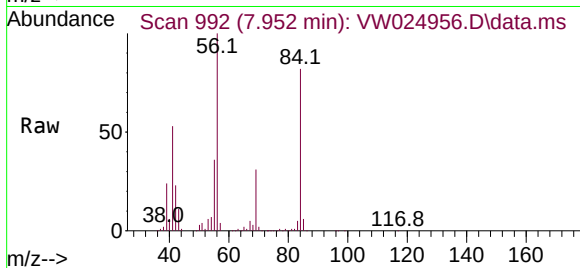
Tgt Ion: 56 Resp: 319719

Ion Ratio Lower Upper

56 100

69 30.9 24.2 36.2

84 84.8 67.7 101.5



#30

1,1,1-Trichloroethane

Concen: 24.666 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW024956.D

Acq: 19 Oct 2022 22:47

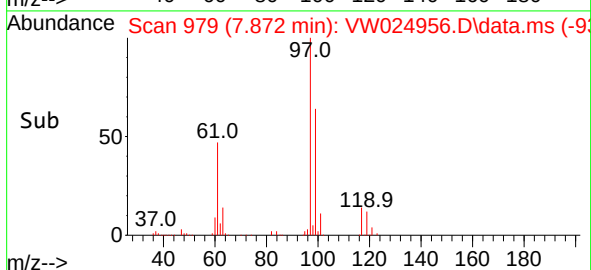
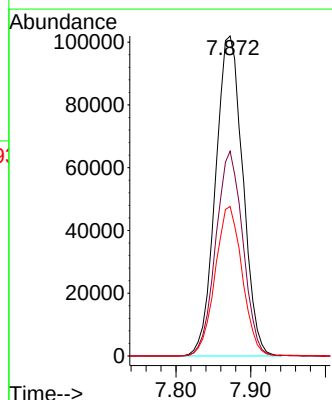
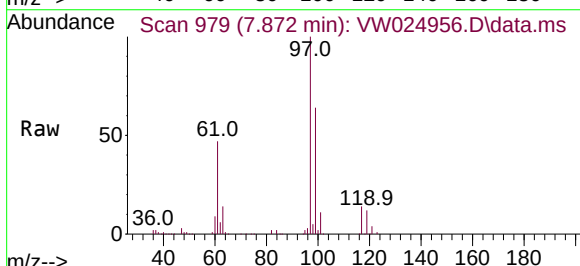
Tgt Ion: 97 Resp: 259018

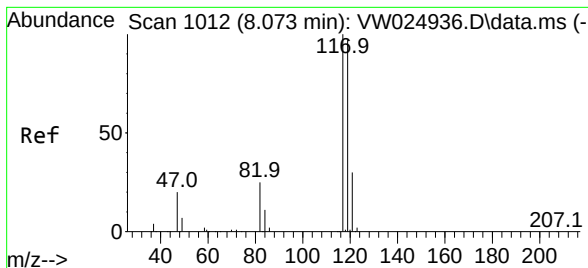
Ion Ratio Lower Upper

97 100

99 63.3 51.2 76.8

61 46.3 37.3 55.9

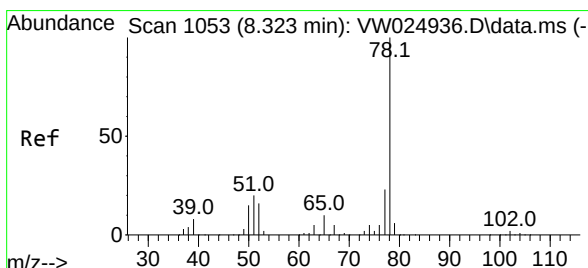
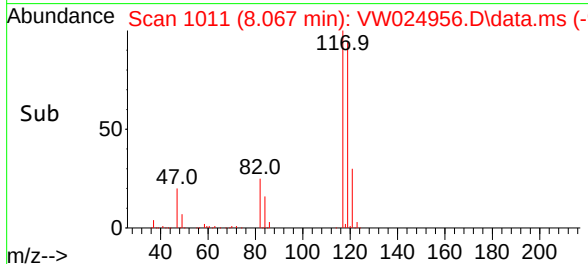
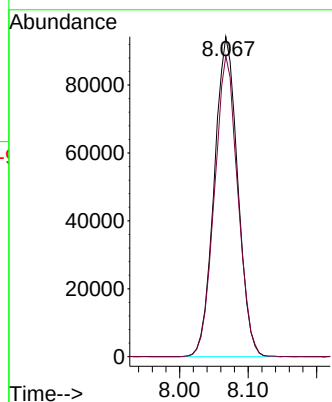
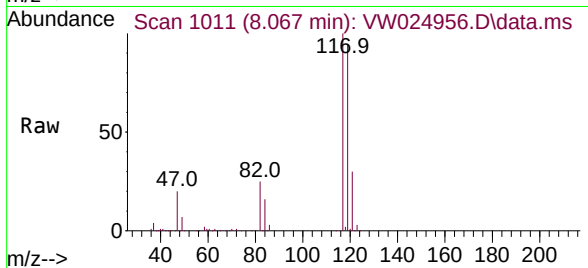




#31
Carbon tetrachloride
Concen: 24.220 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

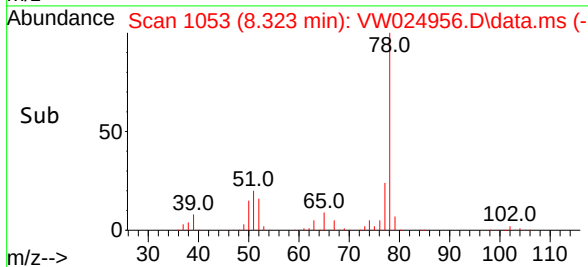
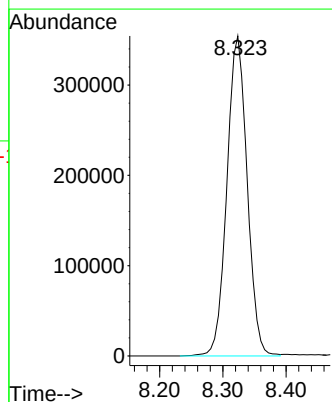
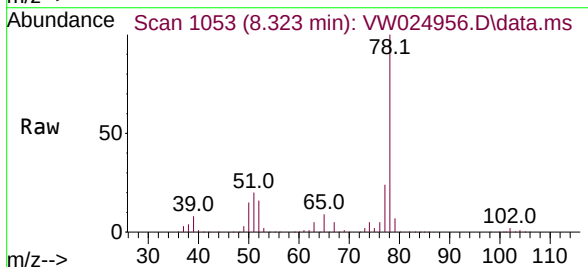
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

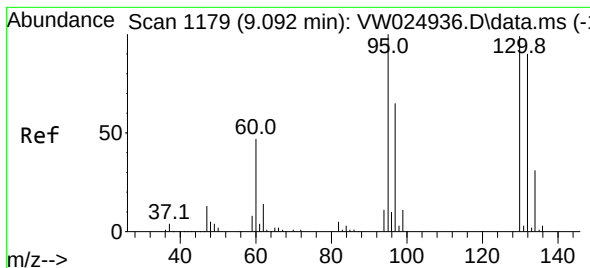
Tgt Ion:117 Resp: 223304
Ion Ratio Lower Upper
117 100
119 93.7 75.1 112.7



#33
Benzene
Concen: 25.331 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

Tgt Ion: 78 Resp: 786870





#34

Trichloroethene

Concen: 24.540 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024956.D

Acq: 19 Oct 2022 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025592

Tgt Ion: 95 Resp: 191977

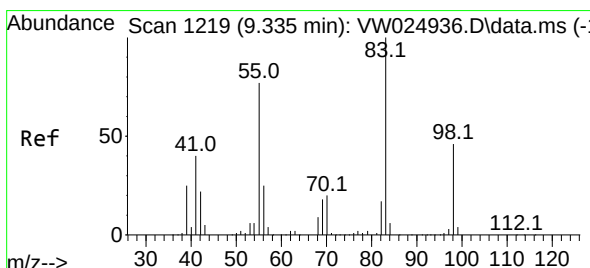
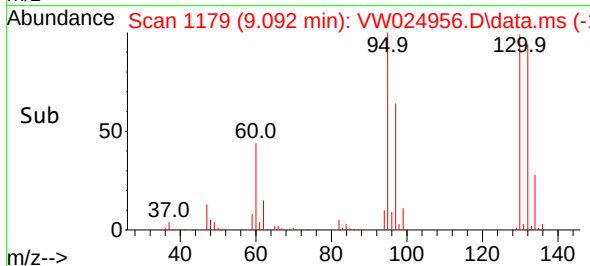
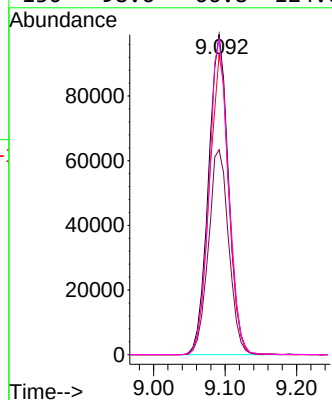
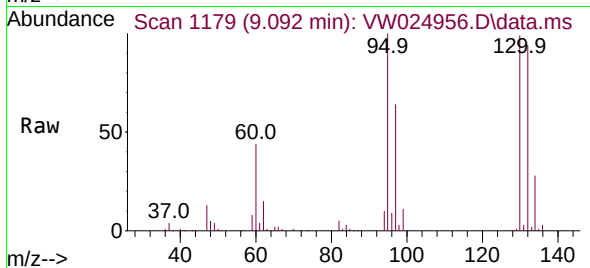
Ion Ratio Lower Upper

95 100

97 64.1 44.2 82.0

132 93.7 62.9 116.7

130 98.6 66.8 124.0



#35

Methylcyclohexane

Concen: 23.902 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024956.D

Acq: 19 Oct 2022 22:47

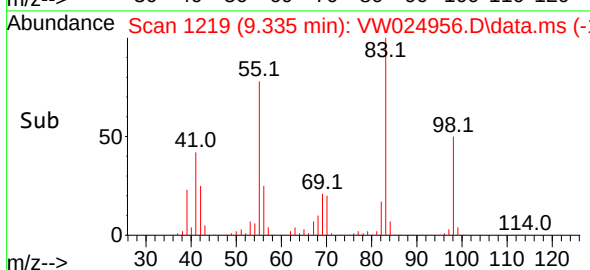
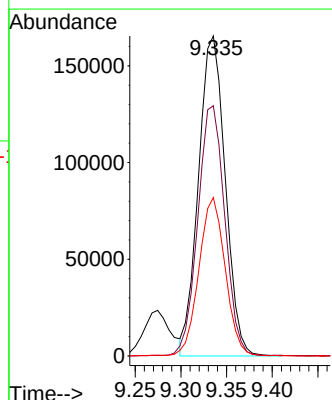
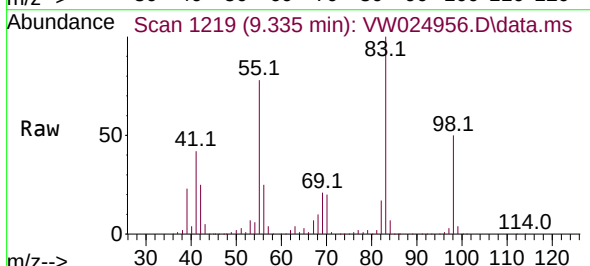
Tgt Ion: 83 Resp: 336528

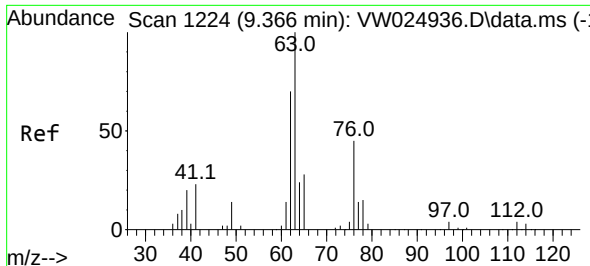
Ion Ratio Lower Upper

83 100

55 78.9 62.5 93.7

98 48.6 37.2 55.8





#37

1,2-Dichloropropane

Concen: 25.417 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024956.D

Acq: 19 Oct 2022 22:47

Instrument :

MSVOA_W

ClientSampleId :

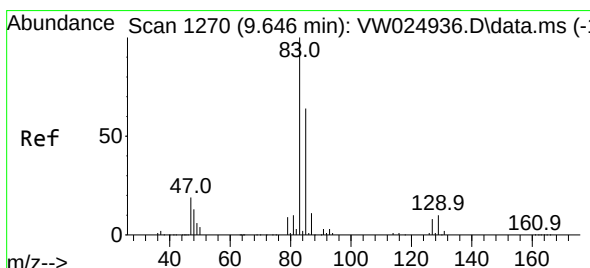
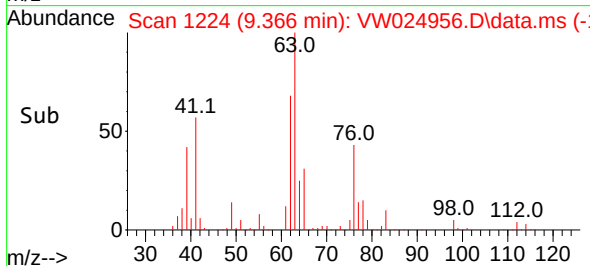
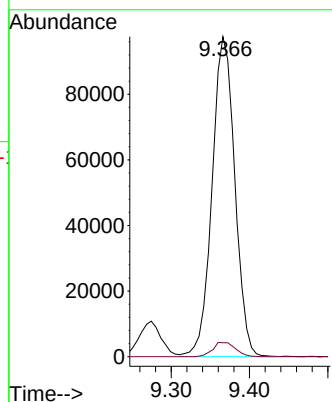
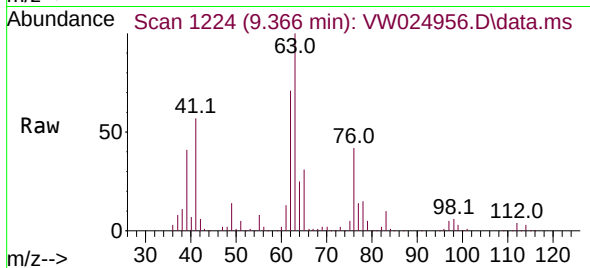
VSTD025592

Tgt Ion: 63 Resp: 196764

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



#38

Bromodichloromethane

Concen: 24.985 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024956.D

Acq: 19 Oct 2022 22:47

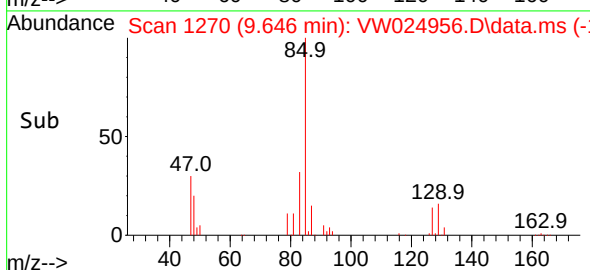
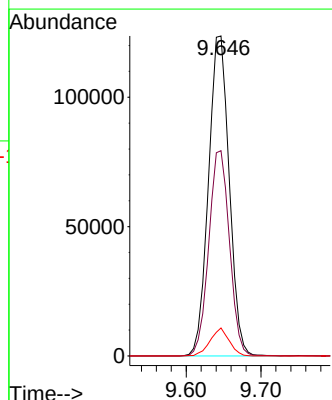
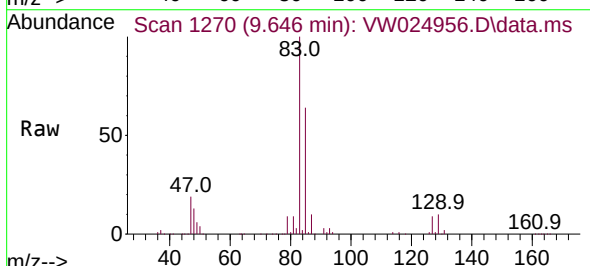
Tgt Ion: 83 Resp: 238986

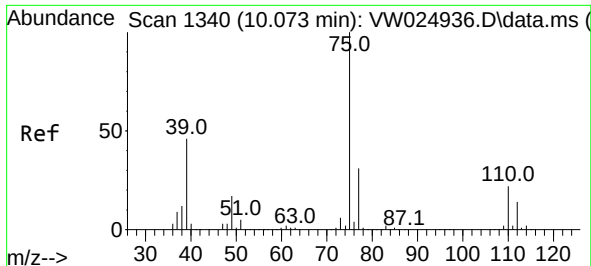
Ion Ratio Lower Upper

83 100

85 64.1 43.6 81.0

127 8.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 25.464 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024956.D

Acq: 19 Oct 2022 22:47

Instrument :

MSVOA_W

ClientSampleId :

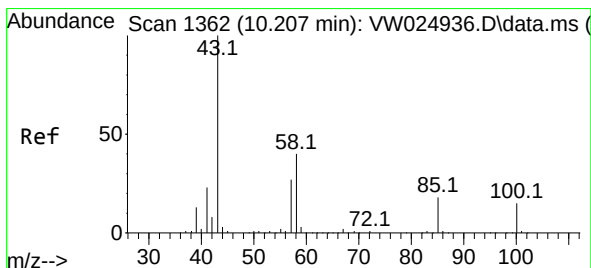
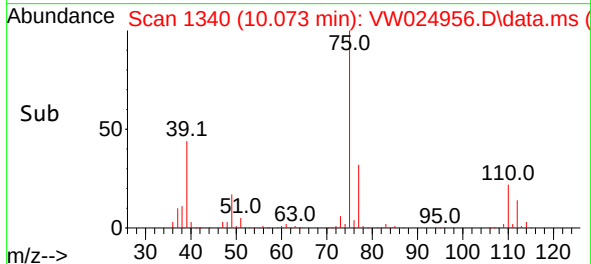
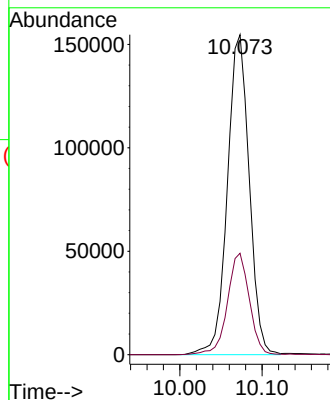
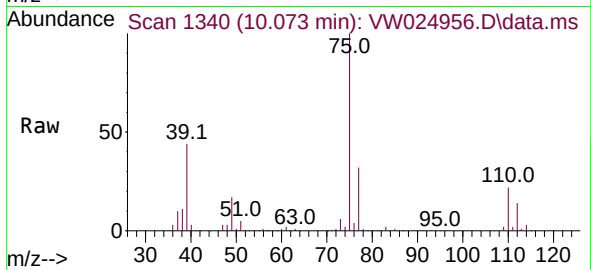
VSTD025592

Tgt Ion: 75 Resp: 284943

Ion Ratio Lower Upper

75 100

77 31.7 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 49.556 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024956.D

Acq: 19 Oct 2022 22:47

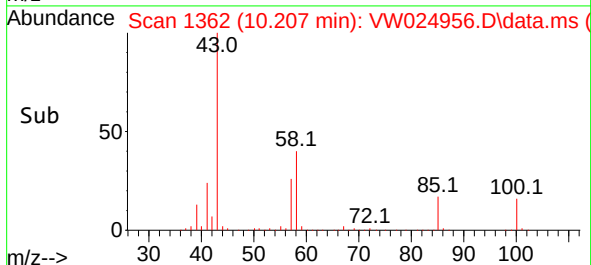
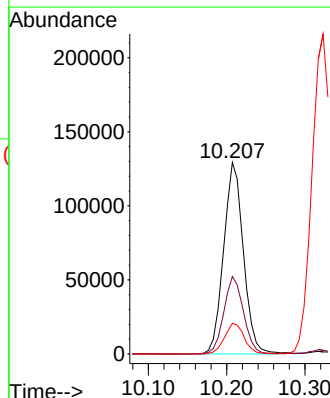
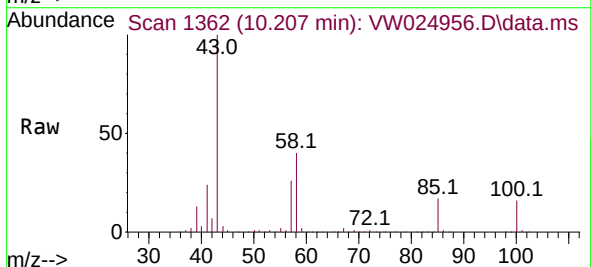
Tgt Ion: 43 Resp: 226752

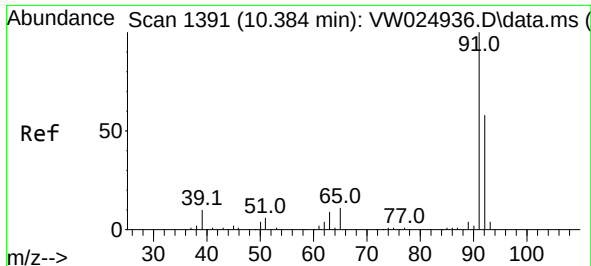
Ion Ratio Lower Upper

43 100

58 40.0 32.1 48.1

100 16.1 12.8 19.2

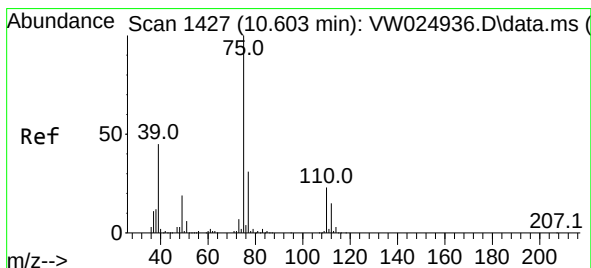
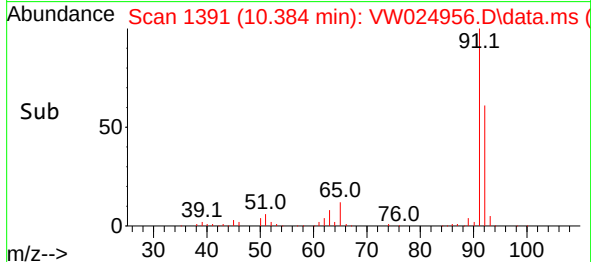
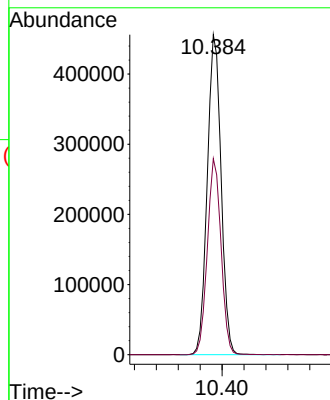
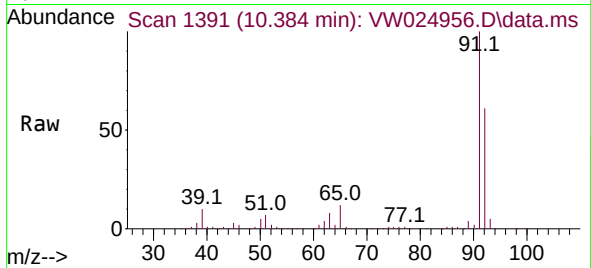




#42
Toluene
Concen: 24.993 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

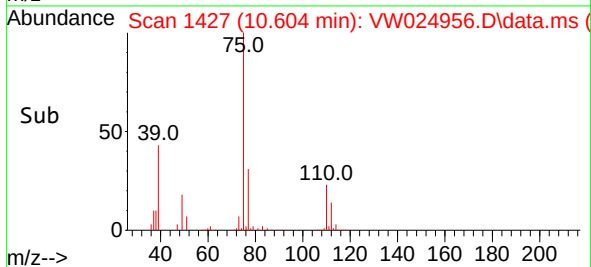
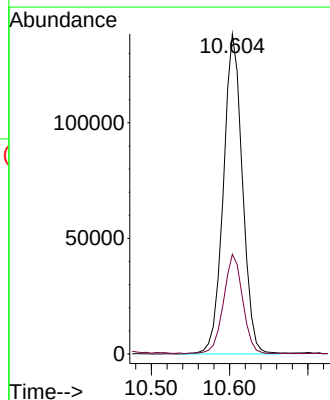
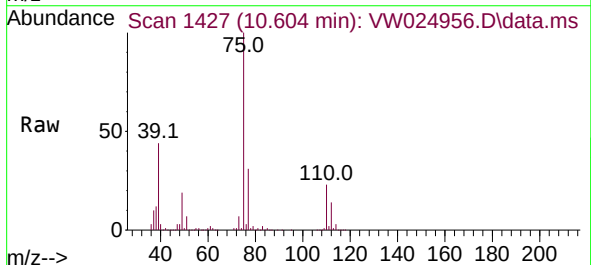
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

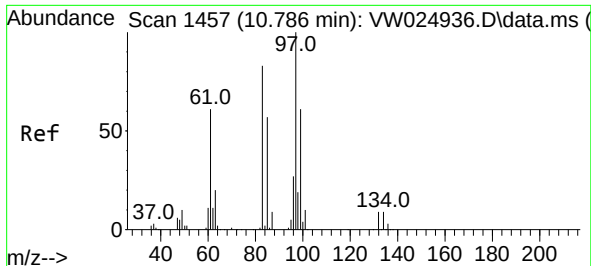
Tgt Ion: 91 Resp: 796013
Ion Ratio Lower Upper
91 100
92 61.2 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 25.215 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

Tgt Ion: 75 Resp: 234255
Ion Ratio Lower Upper
75 100
77 31.2 23.0 42.6



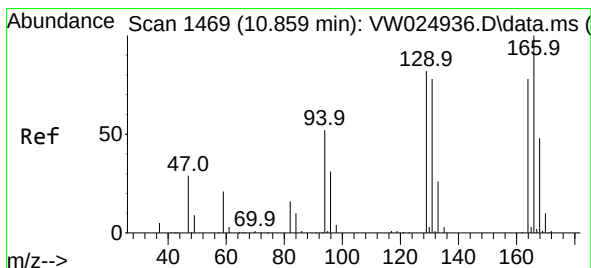
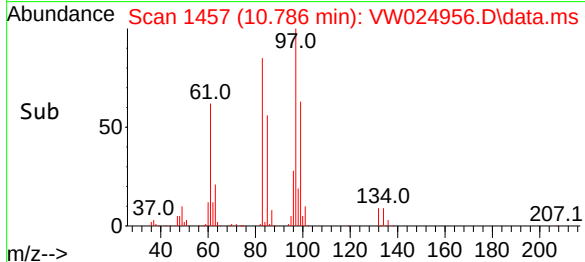
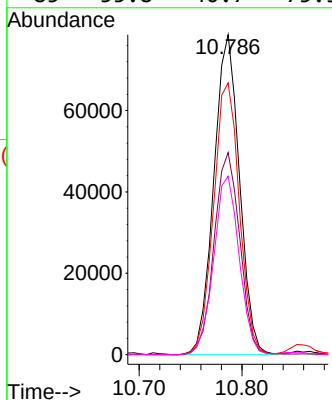
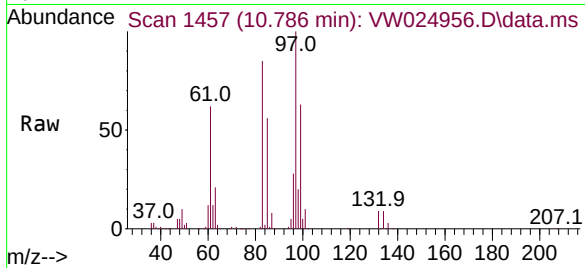


#45
1,1,2-Trichloroethane
Concen: 25.158 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

Tgt Ion: 97 Resp: 136040

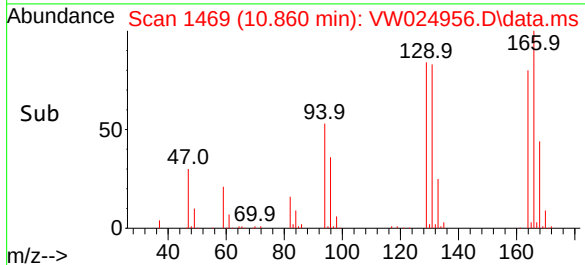
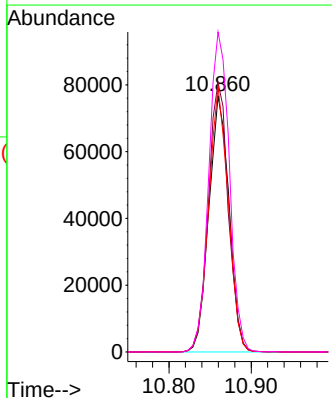
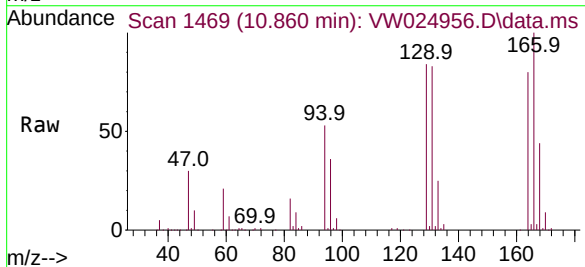
Ion	Ratio	Lower	Upper
97	100		
99	63.1	44.7	83.1
83	85.0	59.6	110.8
85	55.8	40.7	75.5

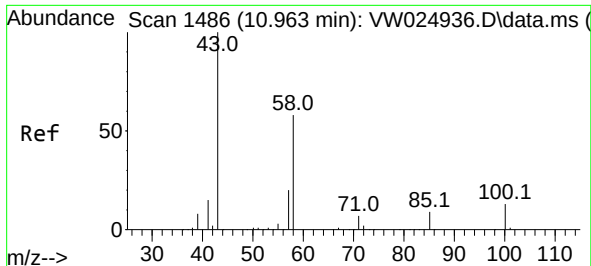


#46
Tetrachloroethene
Concen: 24.591 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

Tgt Ion: 164 Resp: 130806

Ion	Ratio	Lower	Upper
164	100		
129	105.2	78.7	146.1
131	103.7	71.1	132.1
166	125.1	78.8	146.4

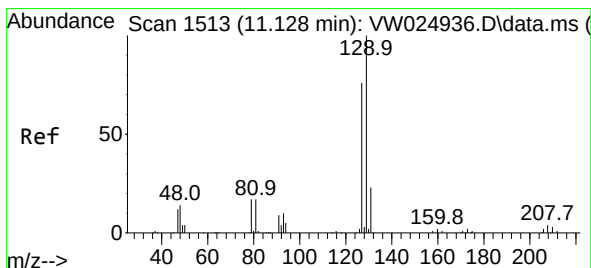
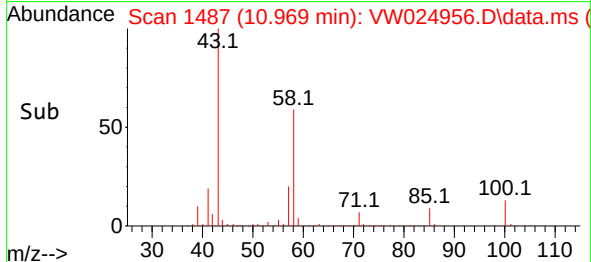
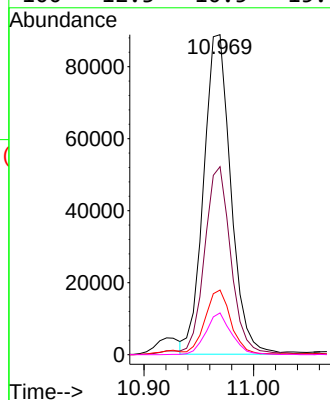
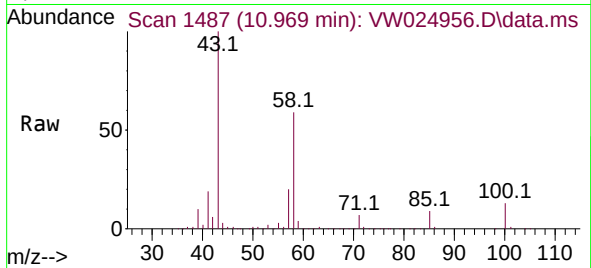




#48
2-Hexanone
Concen: 49.366 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

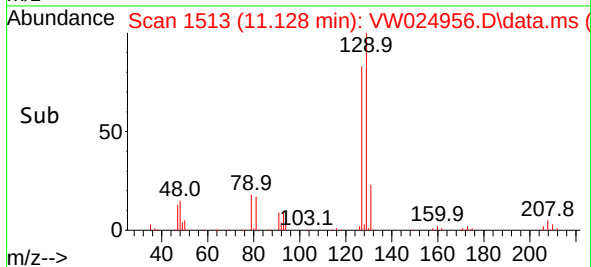
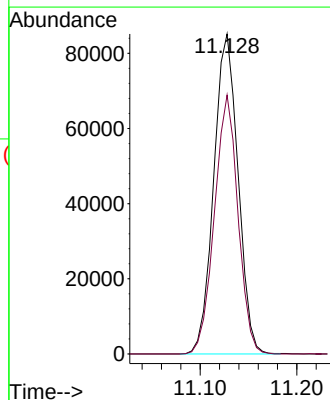
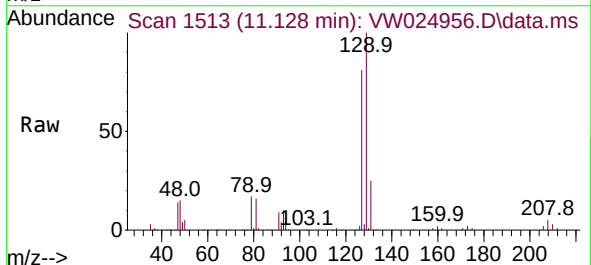
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

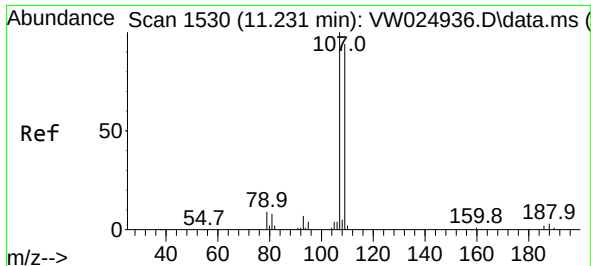
Tgt Ion: 43	Resp: 153150
Ion Ratio	Lower Upper
43 100	
58 55.3	47.0 70.6
57 18.7	16.0 24.0
100 12.3	10.5 15.7



#49
Dibromochloromethane
Concen: 24.814 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

Tgt Ion:129	Resp: 148538
Ion Ratio	Lower Upper
129 100	
127 80.9	53.9 100.1





#50

1,2-Dibromoethane

Concen: 25.140 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW024956.D

Acq: 19 Oct 2022 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025592

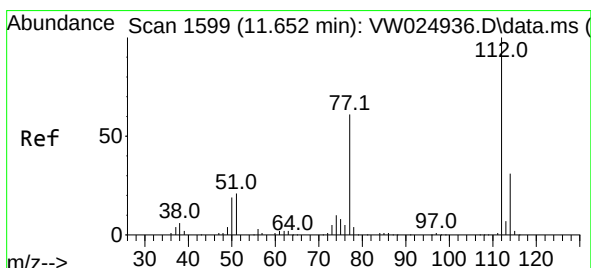
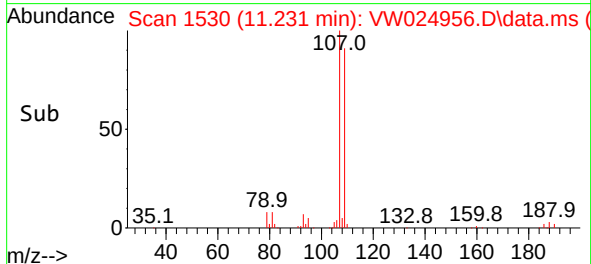
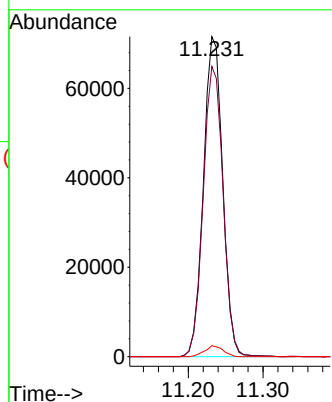
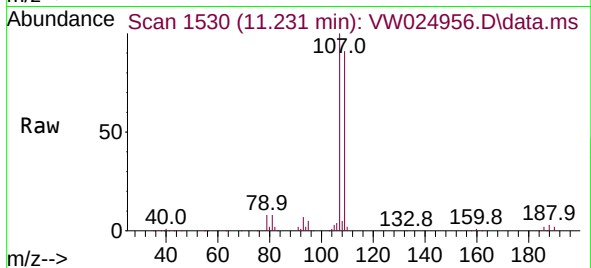
Tgt Ion:107 Resp: 128064

Ion Ratio Lower Upper

107 100

109 90.7 62.8 116.6

188 3.4 2.2 3.2#



#51

Chlorobenzene

Concen: 24.672 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VW024956.D

Acq: 19 Oct 2022 22:47

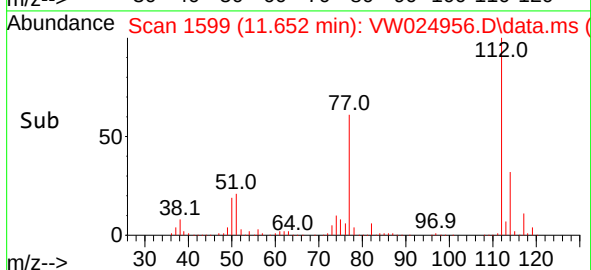
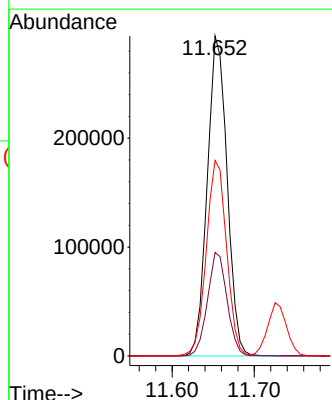
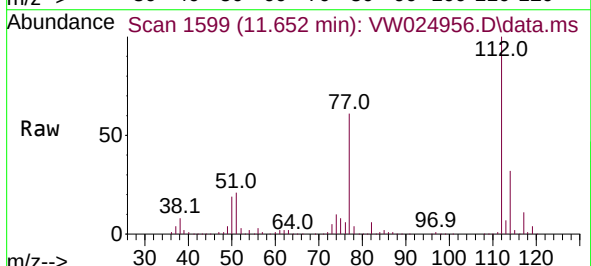
Tgt Ion:112 Resp: 493865

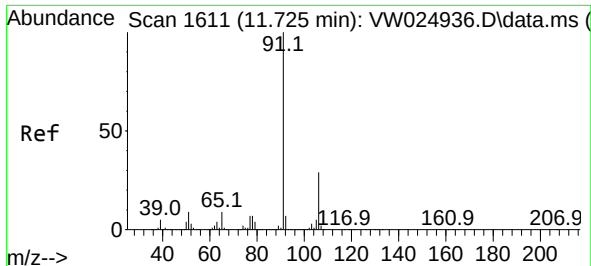
Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.3

77 61.1 49.8 74.8

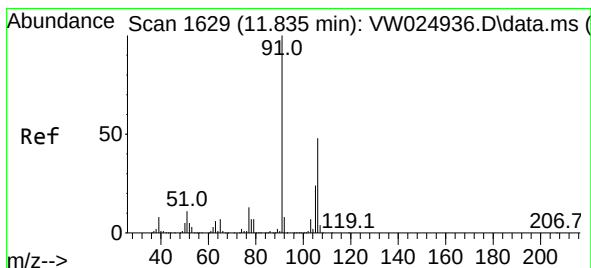
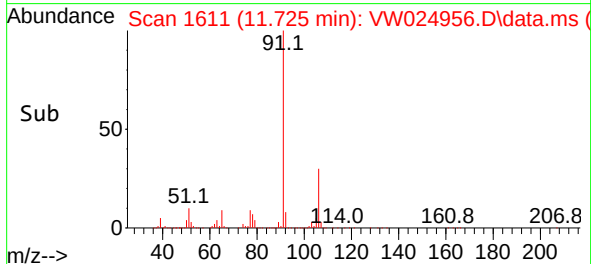
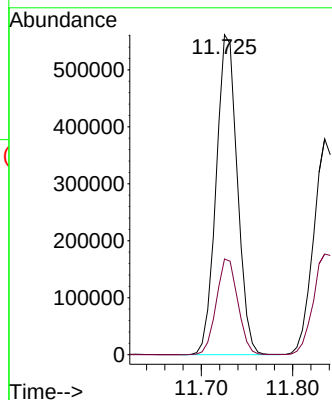
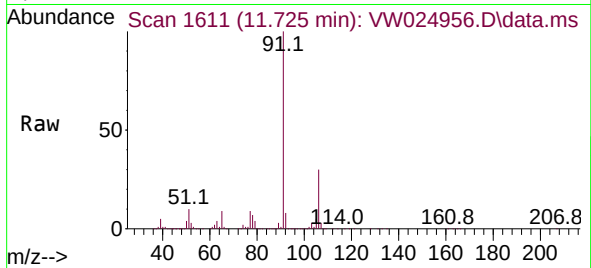




#52
Ethylbenzene
Concen: 25.408 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

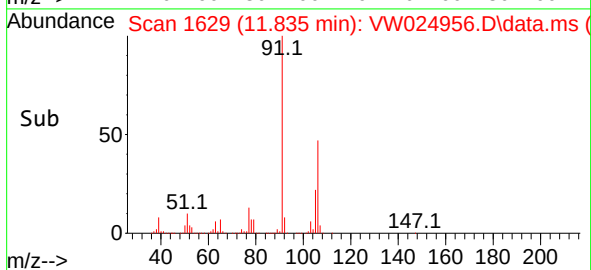
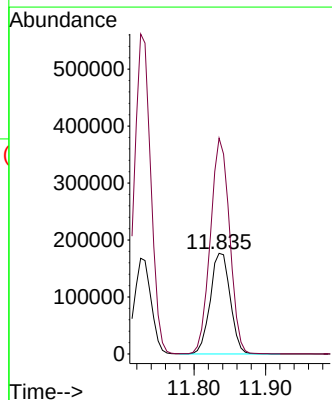
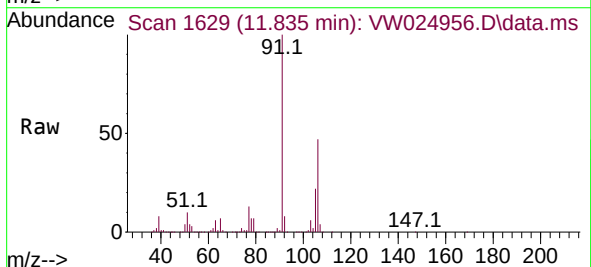
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

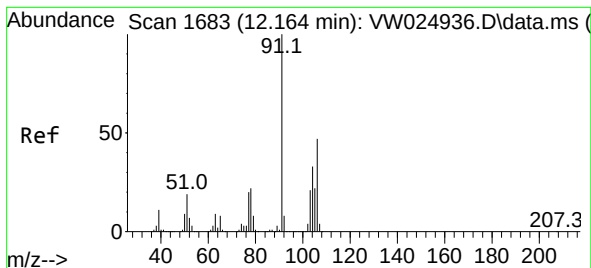
Tgt Ion: 91 Resp: 906174
Ion Ratio Lower Upper
91 100
106 29.9 20.1 37.3



#53
m,p-Xylene
Concen: 25.263 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

Tgt Ion:106 Resp: 342316
Ion Ratio Lower Upper
106 100
91 214.6 147.4 273.8





#54

o-Xylene

Concen: 25.349 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024956.D

Acq: 19 Oct 2022 22:47

Instrument :

MSVOA_W

ClientSampleId :

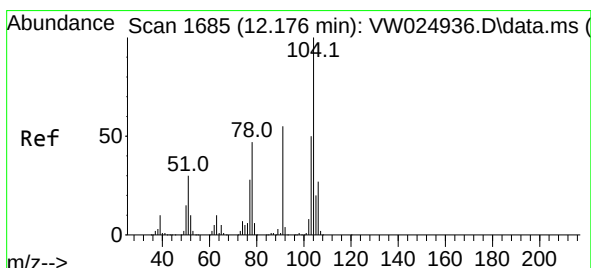
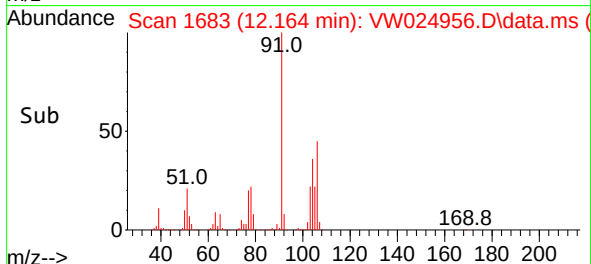
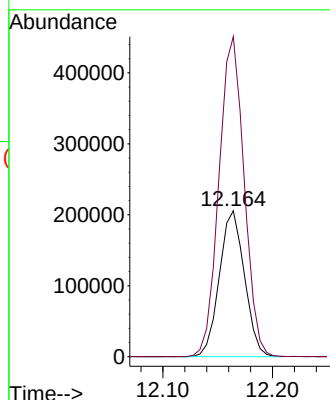
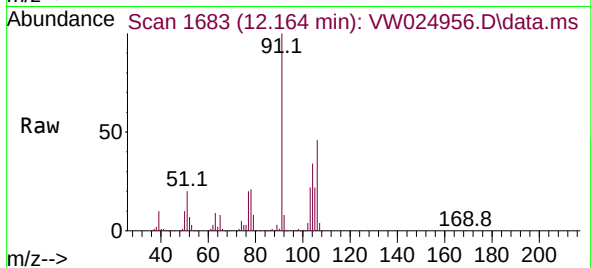
VSTD025592

Tgt Ion:106 Resp: 327041

Ion Ratio Lower Upper

106 100

91 219.3 151.0 280.4



#55

Styrene

Concen: 25.285 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024956.D

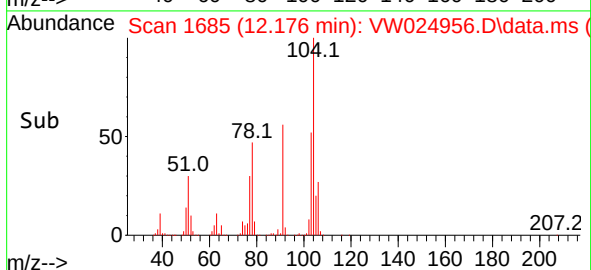
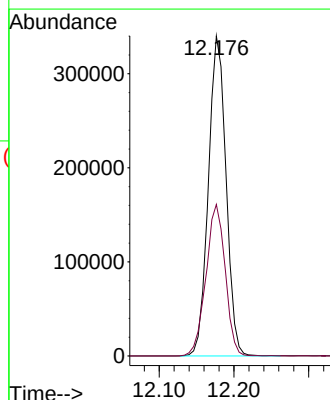
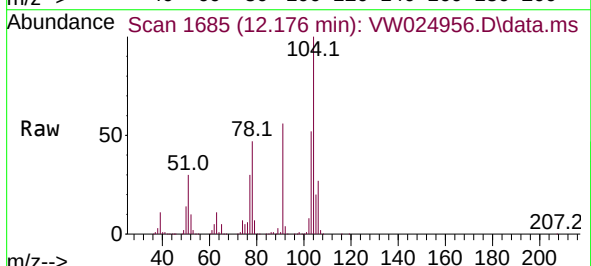
Acq: 19 Oct 2022 22:47

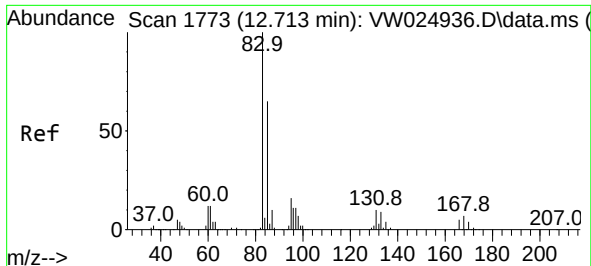
Tgt Ion:104 Resp: 559500

Ion Ratio Lower Upper

104 100

78 47.3 32.6 60.5

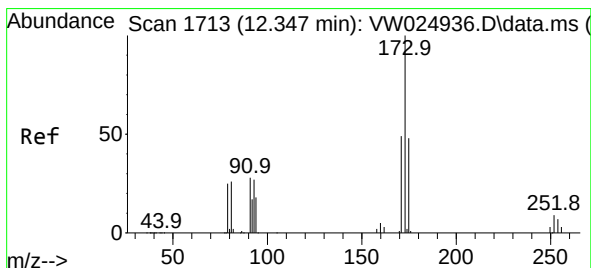
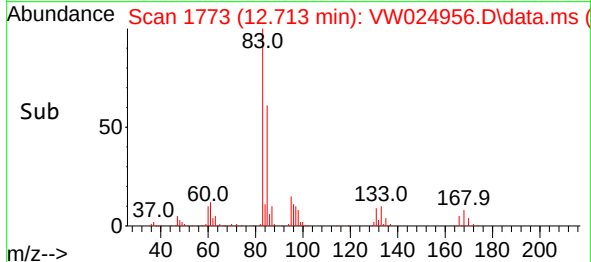
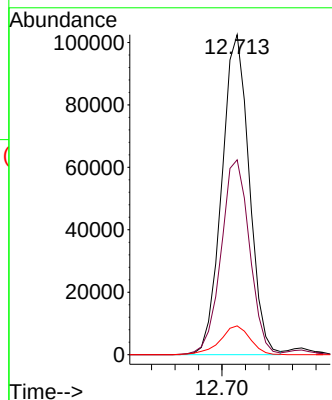
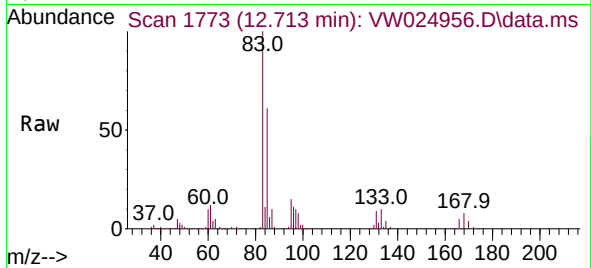




#57
1,1,2-Tetrachloroethane
Concen: 25.139 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

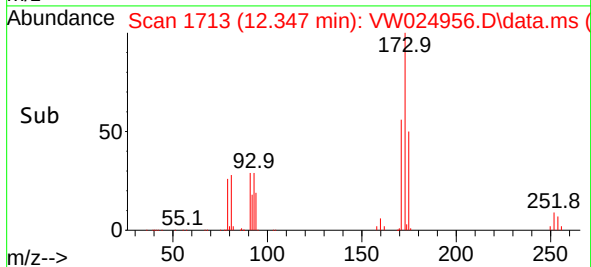
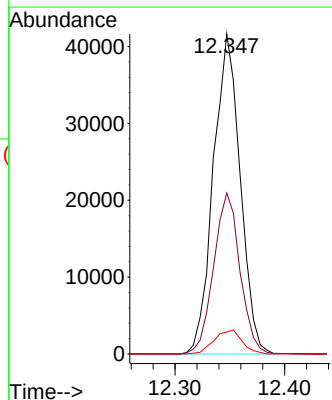
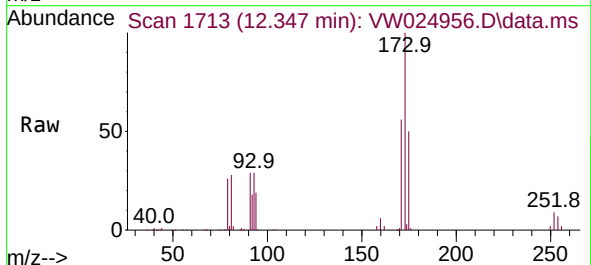
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

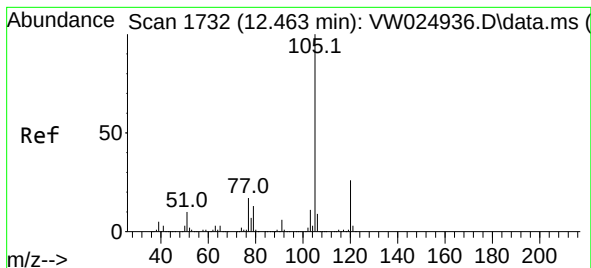
Tgt Ion: 83 Resp: 165852
Ion Ratio Lower Upper
83 100
85 60.9 44.5 82.7
131 9.0 6.8 10.2



#59
Bromoform
Concen: 25.224 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

Tgt Ion:173 Resp: 70937
Ion Ratio Lower Upper
173 100
175 49.2 38.6 58.0
254 7.8 4.8 7.2#





#60

Isopropylbenzene

Concen: 25.932 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024956.D

Acq: 19 Oct 2022 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025592

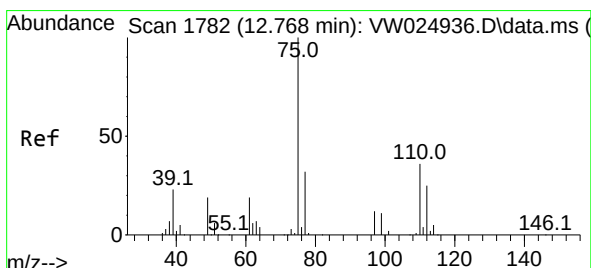
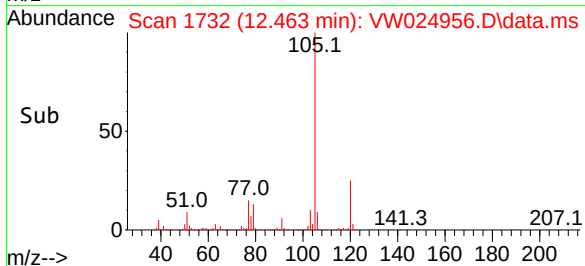
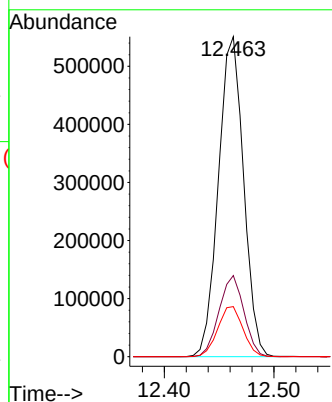
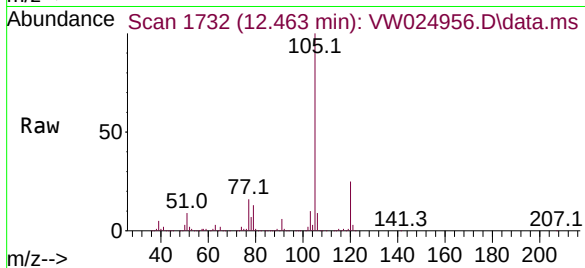
Tgt Ion:105 Resp: 879144

Ion Ratio Lower Upper

105 100

120 25.0 20.5 30.7

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 25.279 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024956.D

Acq: 19 Oct 2022 22:47

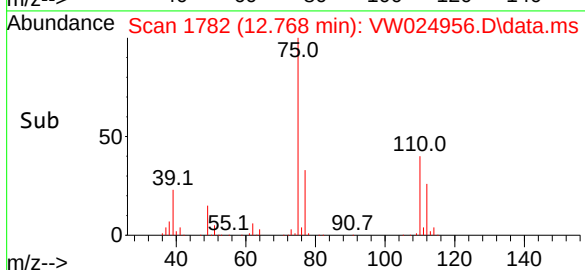
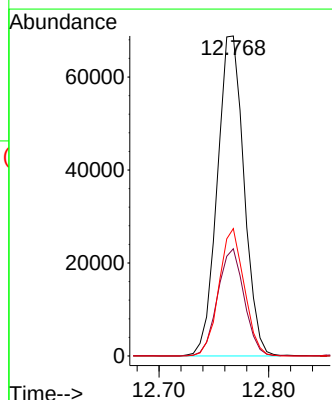
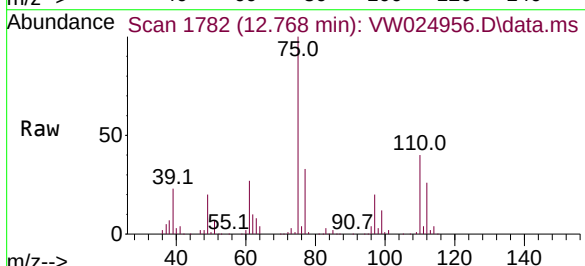
Tgt Ion: 75 Resp: 116818

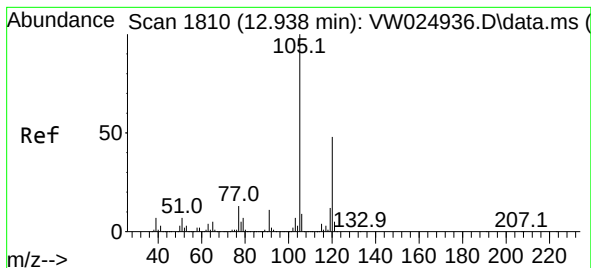
Ion Ratio Lower Upper

75 100

77 33.1 26.4 39.6

110 37.6 30.8 46.2





#62

1,3,5-Trimethylbenzene

Concen: 26.467 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024956.D

Acq: 19 Oct 2022 22:47

Instrument :

MSVOA_W

ClientSampleId :

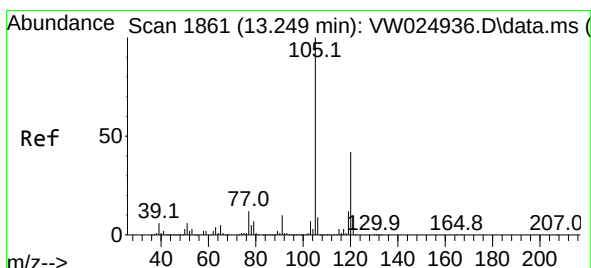
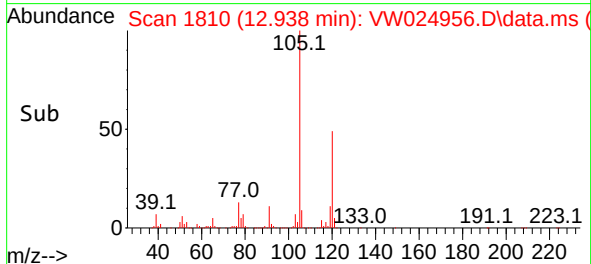
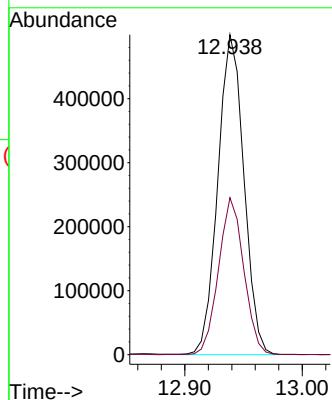
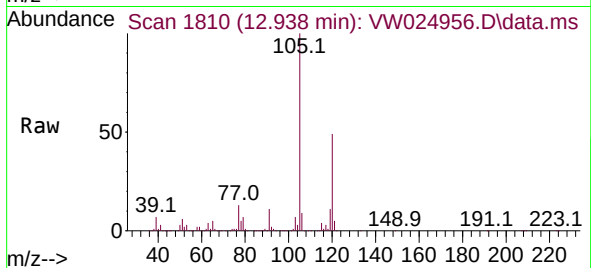
VSTD025592

Tgt Ion:105 Resp: 770366

Ion Ratio Lower Upper

105 100

120 47.6 38.1 57.1



#63

1,2,4-Trimethylbenzene

Concen: 26.277 ug/L

RT: 13.243 min Scan# 1860

Delta R.T. -0.006 min

Lab File: VW024956.D

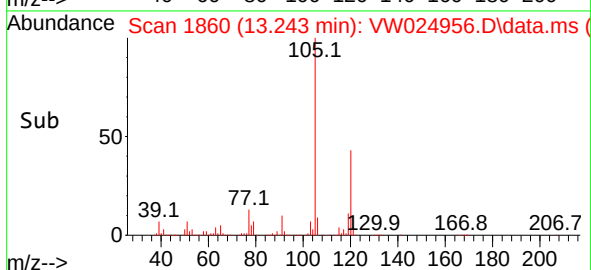
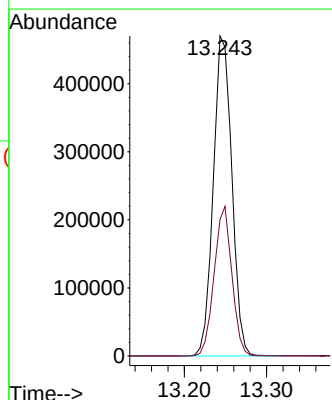
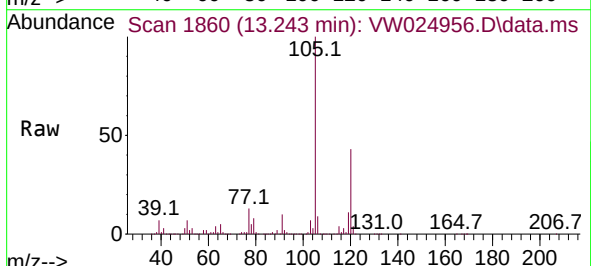
Acq: 19 Oct 2022 22:47

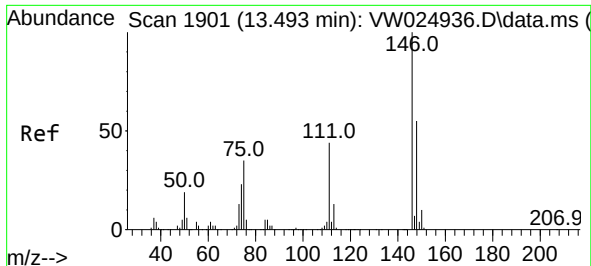
Tgt Ion:105 Resp: 737441

Ion Ratio Lower Upper

105 100

120 44.7 34.8 52.2

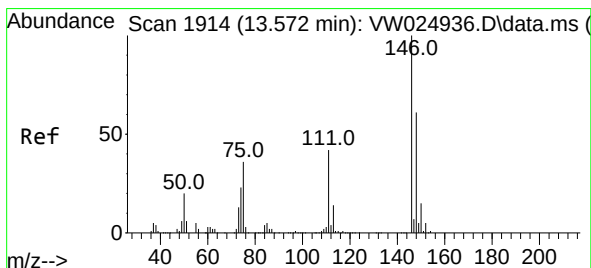
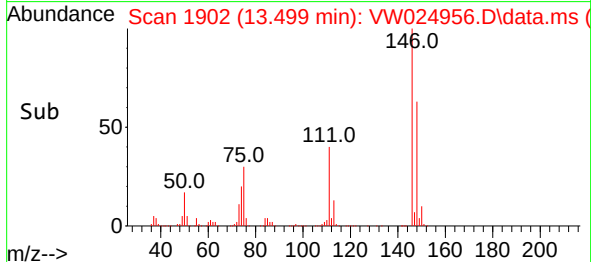
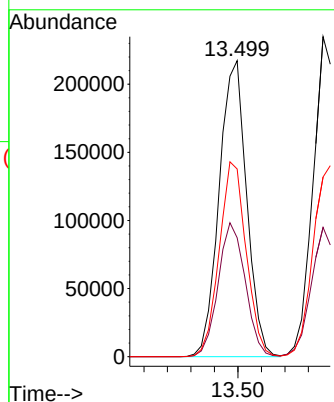
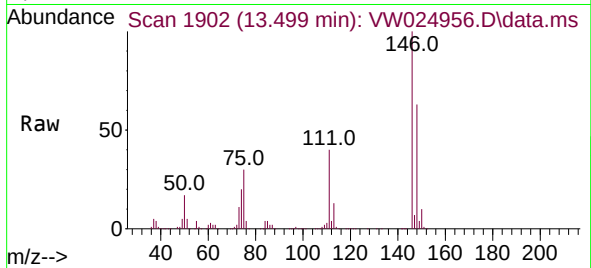




#64
1,3-Dichlorobenzene
Concen: 25.590 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

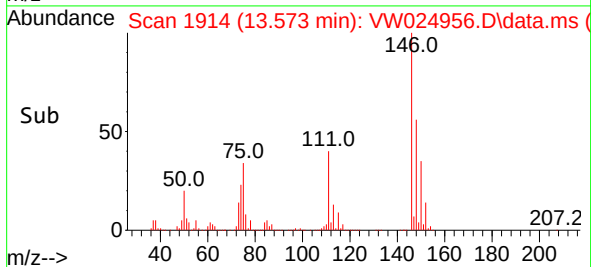
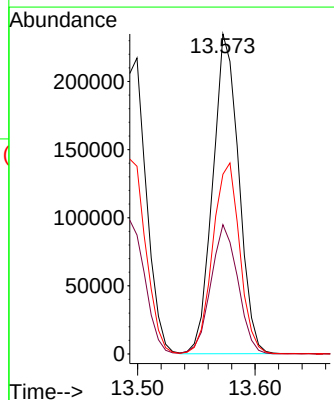
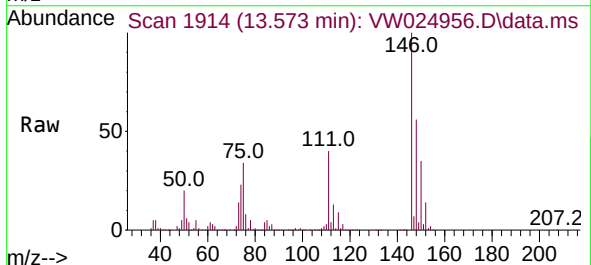
Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

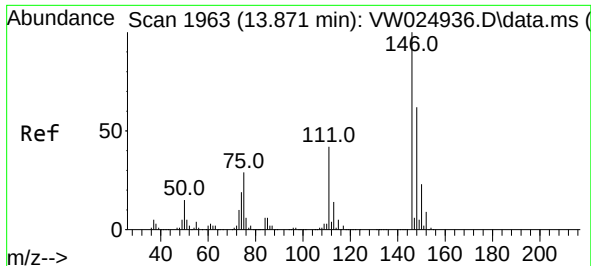
Tgt Ion:146 Resp: 353311
Ion Ratio Lower Upper
146 100
111 40.2 31.7 58.9
148 63.4 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 25.841 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

Tgt Ion:146 Resp: 361153
Ion Ratio Lower Upper
146 100
111 40.4 27.4 50.8
148 56.1 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 25.550 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW024956.D

Acq: 19 Oct 2022 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025592

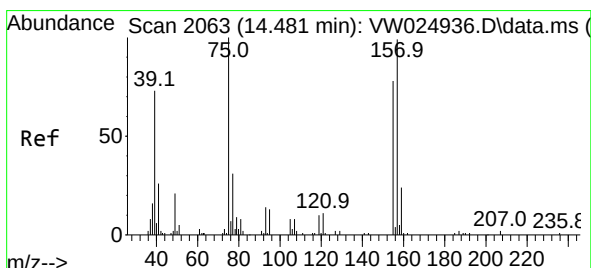
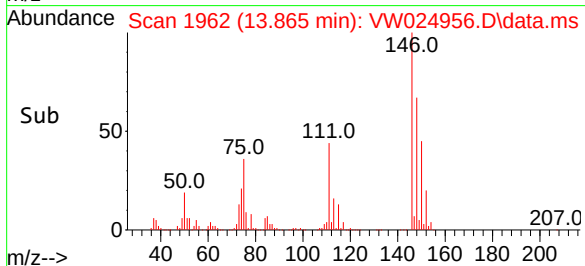
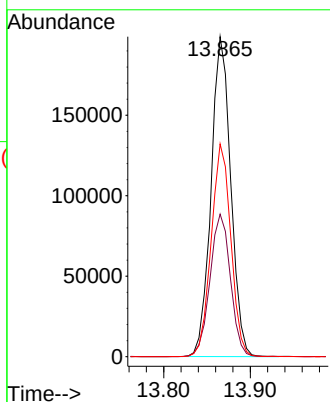
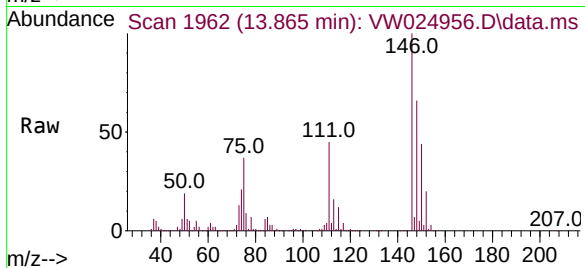
Tgt Ion:146 Resp: 313551

Ion Ratio Lower Upper

146 100

111 44.6 36.9 55.3

148 66.5 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.699 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024956.D

Acq: 19 Oct 2022 22:47

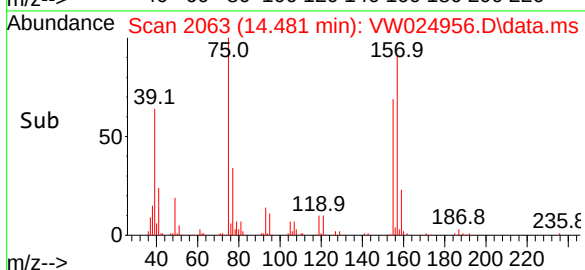
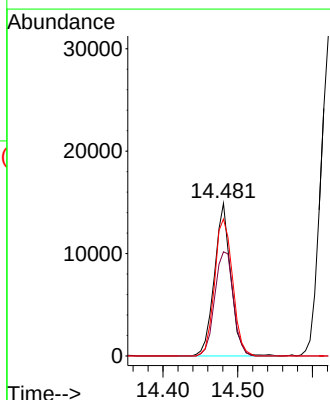
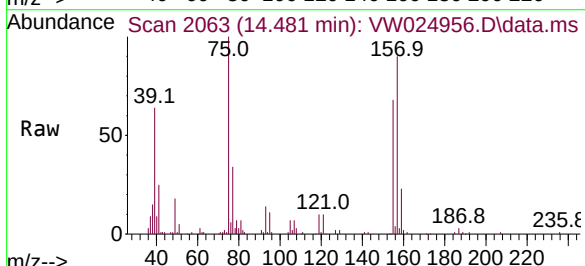
Tgt Ion: 75 Resp: 22800

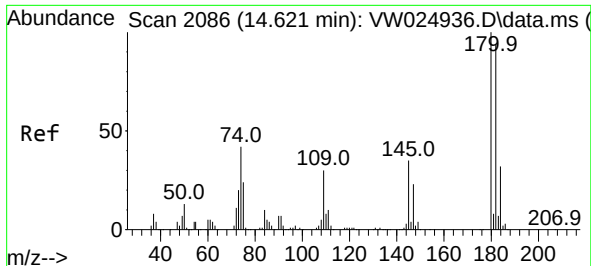
Ion Ratio Lower Upper

75 100

155 68.3 56.2 84.4

157 89.7 74.6 111.8





#69

1,3,5-Trichlorobenzene

Concen: 24.906 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW024956.D

Acq: 19 Oct 2022 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025592

Tgt Ion:180 Resp: 224521

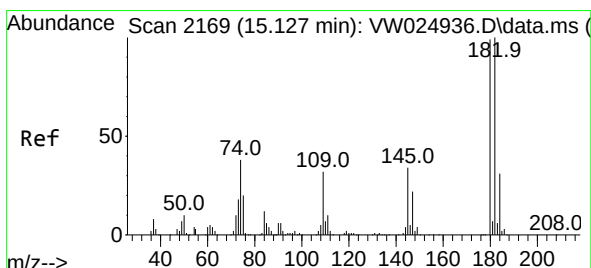
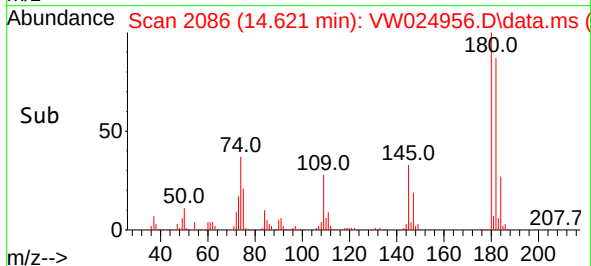
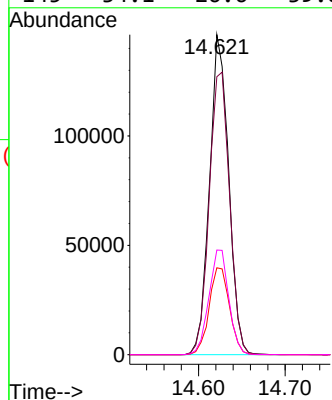
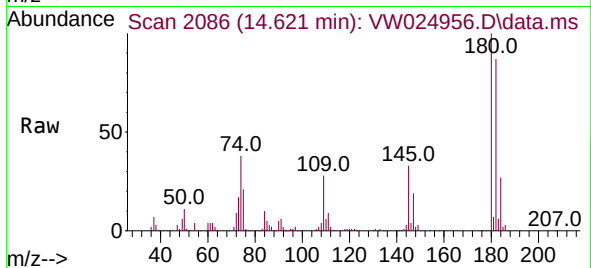
Ion Ratio Lower Upper

180 100

182 94.2 75.0 112.6

184 28.9 22.9 34.3

145 34.1 26.6 39.8



#70

1,2,4-trichlorobenzene

Concen: 24.873 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024956.D

Acq: 19 Oct 2022 22:47

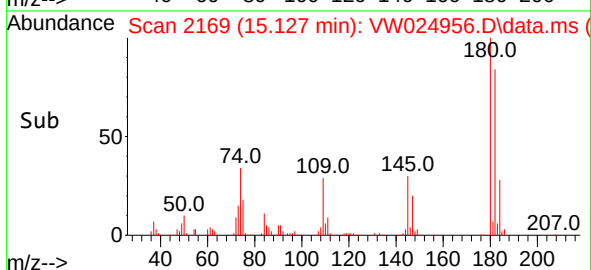
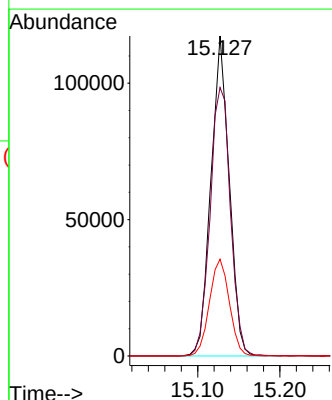
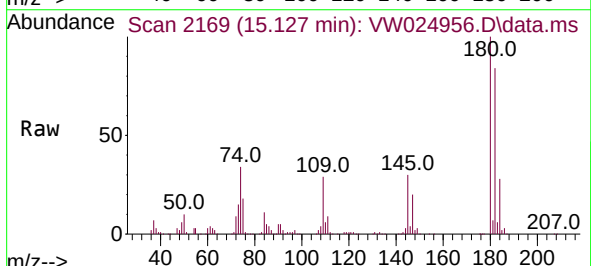
Tgt Ion:180 Resp: 181924

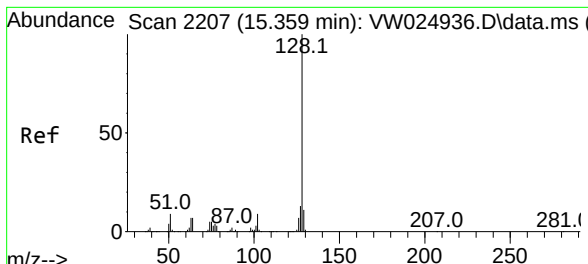
Ion Ratio Lower Upper

180 100

182 93.3 77.7 116.5

145 32.8 29.0 43.4

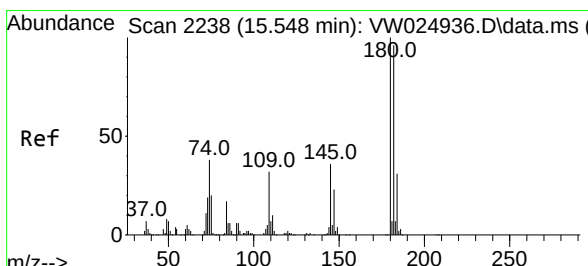
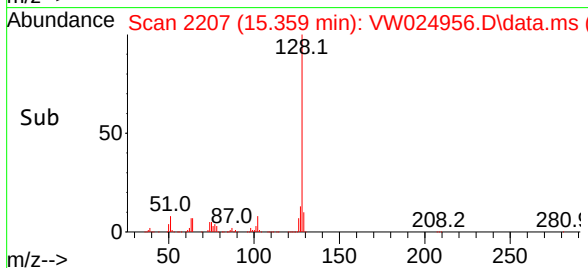
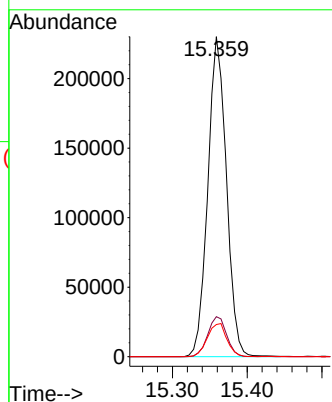
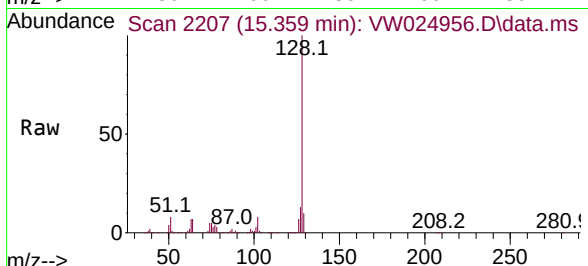




#71
Naphthalene
Concen: 25.102 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

Tgt Ion:128 Resp: 397799
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 25.100 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024956.D
Acq: 19 Oct 2022 22:47

Tgt Ion:180 Resp: 156696
Ion Ratio Lower Upper
180 100
182 96.0 75.1 112.7
145 36.2 29.9 44.9

