

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090622\
 Data File : VW024556.D
 Acq On : 06 Sep 2022 13:28
 Operator : SY/VA
 Sample : VSTD02533
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025433

Quant Time: Sep 07 04:35:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 07 04:30:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	330983	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	340772	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	181389	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	185624	27.164	ug/L	0.00
7) Chloroethane-d5	2.873	69	133761	26.325	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	184841	25.645	ug/L	0.00
21) 2-Butanone-d5	7.080	46	54205	47.165	ug/L	0.00
24) Chloroform-d	7.647	84	214505	25.255	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	119452	25.133	ug/L	0.00
32) Benzene-d6	8.268	84	421615	25.152	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	118239	23.924	ug/L	0.00
41) Toluene-d8	10.317	98	418201	25.592	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	57267	25.857	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	47155	51.908	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	118984	25.118	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	148020	25.764	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	39761	25.606	ug/L	100
3) Chloromethane	2.209	50	127048	25.771	ug/L	100
5) Vinyl chloride	2.349	62	220798	26.566	ug/L	100
6) Bromomethane	2.763	94	134272	24.782	ug/L	100
8) Chloroethane	2.910	64	117318	25.946	ug/L	100
9) Trichlorofluoromethane	3.245	101	124481	25.906	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	113043	25.534	ug/L	100
12) 1,1-Dichloroethene	4.025	96	95954	25.357	ug/L	100
13) Acetone	4.117	43	42408	45.994	ug/L	100
14) Carbon disulfide	4.373	76	248075	24.777	ug/L	100
15) Methyl Acetate	4.665	43	52828	26.230	ug/L	100
16) Methylene chloride	4.909	84	115158	23.317	ug/L	100
17) trans-1,2-Dichloroethene	5.409	96	111706	25.813	ug/L	100
18) Methyl tert-butyl Ether	5.427	73	213068	27.602	ug/L	100
19) 1,1-Dichloroethane	6.214	63	207948	26.368	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	126615	26.035	ug/L	100
22) 2-Butanone	7.171	43	69897	46.126	ug/L	100
23) Bromochloromethane	7.512	128	57363	25.493	ug/L	100
25) Chloroform	7.677	83	231983	26.481	ug/L	100
27) 1,2-Dichloroethane	8.396	62	163366	27.743	ug/L	100
29) Cyclohexane	7.951	56	175090	26.540	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	191084	25.569	ug/L	100
31) Carbon tetrachloride	8.061	117	174791	25.607	ug/L	100
33) Benzene	8.323	78	505945	26.159	ug/L	100
34) Trichloroethene	9.091	95	127477	25.236	ug/L	100
35) Methylcyclohexane	9.329	83	212175	26.253	ug/L	100
37) 1,2-Dichloropropane	9.366	63	126040	26.092	ug/L	100
38) Bromodichloromethane	9.646	83	177670	26.024	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	193667	27.421	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	177604	55.737	ug/L	100
42) Toluene	10.384	91	581019	27.249	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	182791	27.400	ug/L	100

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 Quant Title : SFAM01.0
 QLast Update : Wed Sep 07 04:30:35 2022
 Response via : Initial Calibration

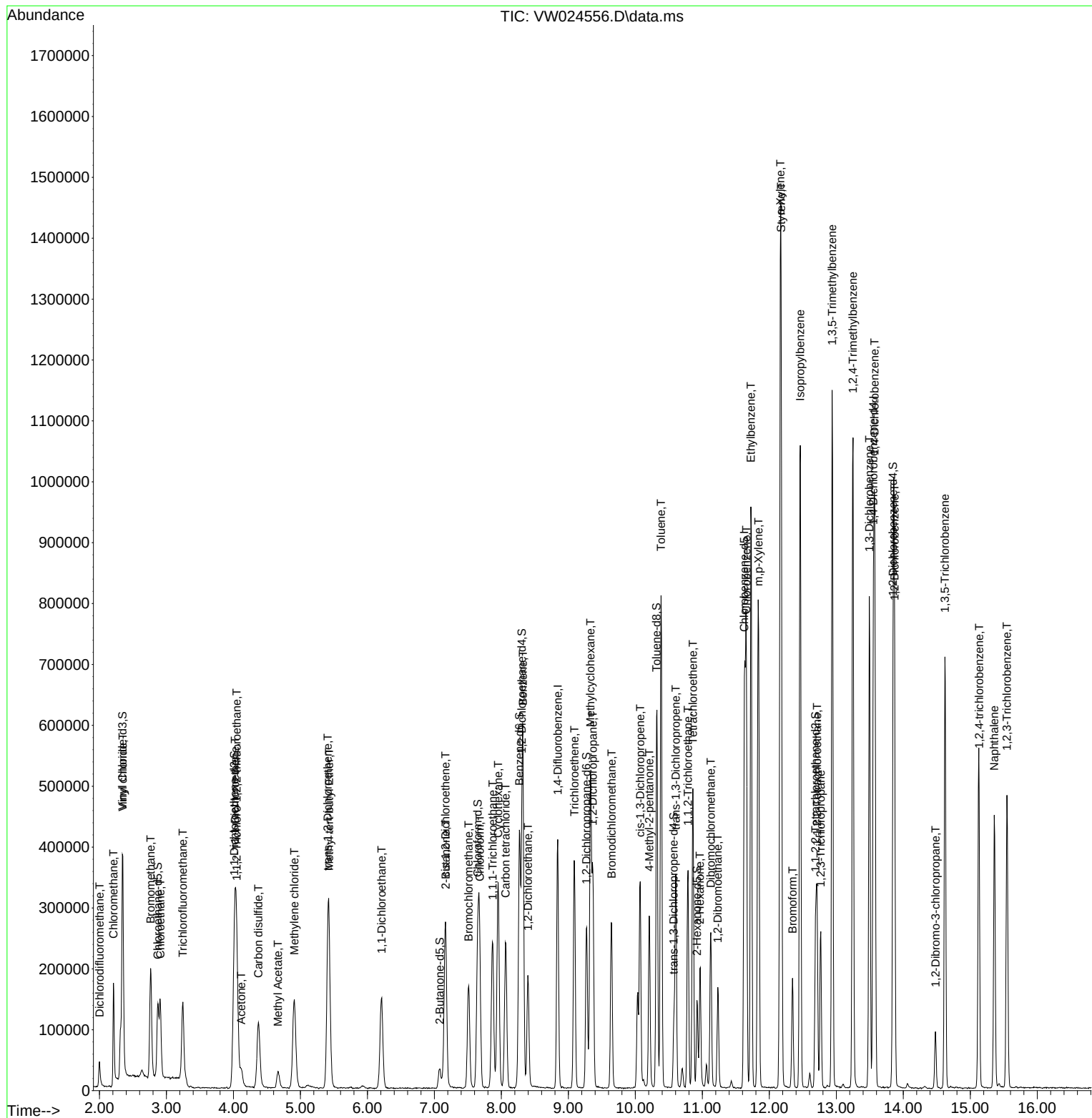
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	108170	26.794	ug/L	100
46) Tetrachloroethene	10.859	164	97705	26.251	ug/L	100
48) 2-Hexanone	10.963	43	123033	56.303	ug/L	100
49) Dibromochloromethane	11.128	129	128185	27.161	ug/L	100
50) 1,2-Dibromoethane	11.231	107	103711	26.469	ug/L	100
51) Chlorobenzene	11.658	112	393039	26.681	ug/L	100
52) Ethylbenzene	11.725	91	663448	27.404	ug/L	100
53) m,p-Xylene	11.841	106	265962	28.119	ug/L	100
54) o-Xylene	12.164	106	257792	28.627	ug/L	100
55) Styrene	12.176	104	456525	28.801	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	140005	27.393	ug/L	100
59) Bromoform	12.347	173	73047	27.705	ug/L	100
60) Isopropylbenzene	12.463	105	698914	28.458	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	99417	26.492	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	588564	28.859	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	584121	28.778	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	309778	27.994	ug/L	100
65) 1,4-Dichlorobenzene	13.572	146	313492	26.877	ug/L	100
67) 1,2-Dichlorobenzene	13.871	146	279479	27.083	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	22018	24.798	ug/L	100
69) 1,3,5-Trichlorobenzene	14.621	180	201168	27.989	ug/L	100
70) 1,2,4-trichlorobenzene	15.133	180	159366	27.943	ug/L	100
71) Naphthalene	15.359	128	362654	28.741	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	141814	26.727	ug/L	100

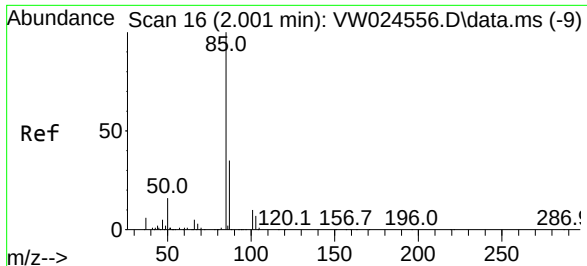
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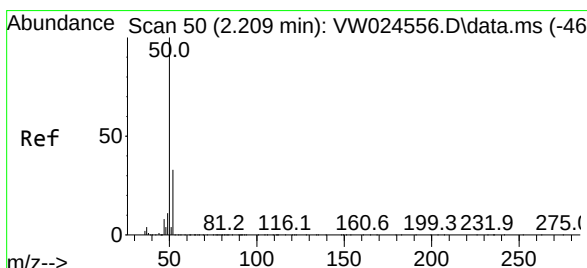
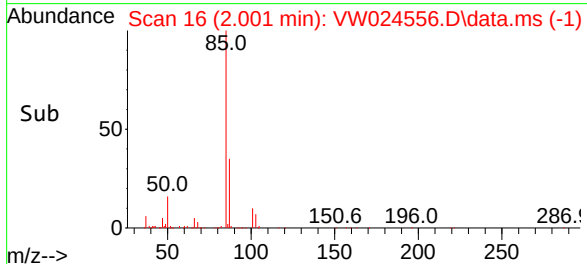
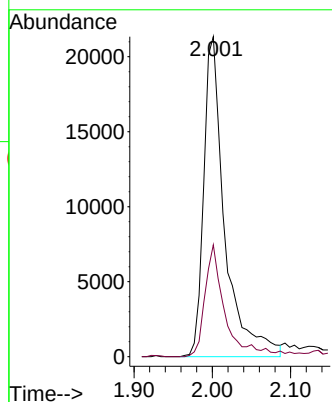
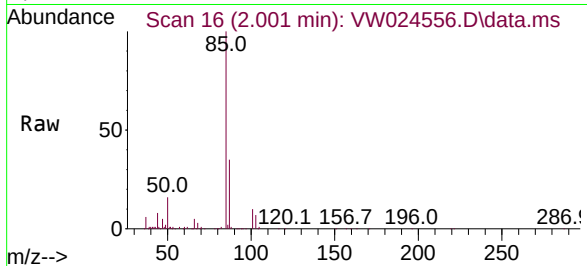




#2
Dichlorodifluoromethane
Concen: 25.606 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

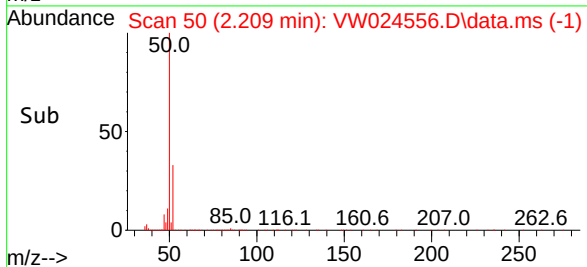
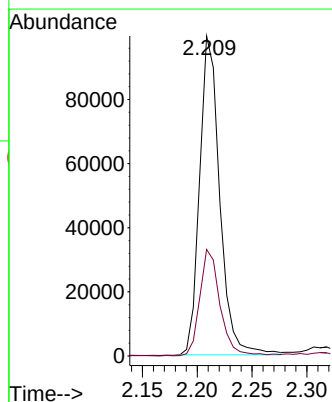
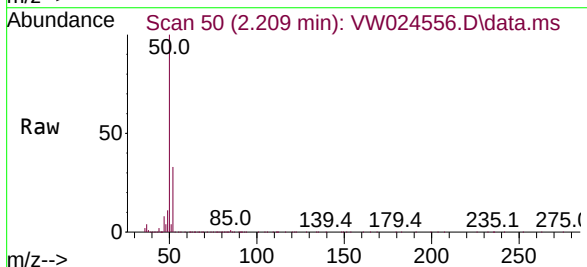
Instrument :
MSVOA_W
ClientSampleId :
VSTD025433

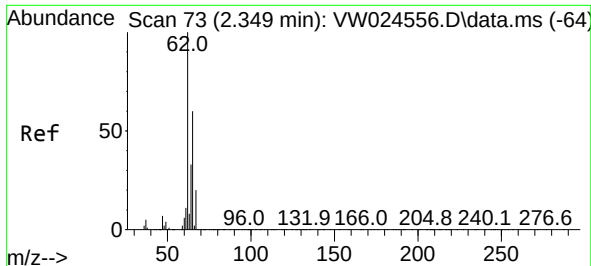
Tgt Ion: 85 Resp: 39761
Ion Ratio Lower Upper
85 100
87 30.2 24.2 36.2



#3
Chloromethane
Concen: 25.771 ug/L
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

Tgt Ion: 50 Resp: 127048
Ion Ratio Lower Upper
50 100
52 33.3 23.3 43.3

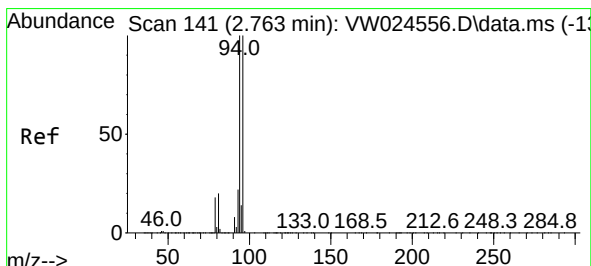
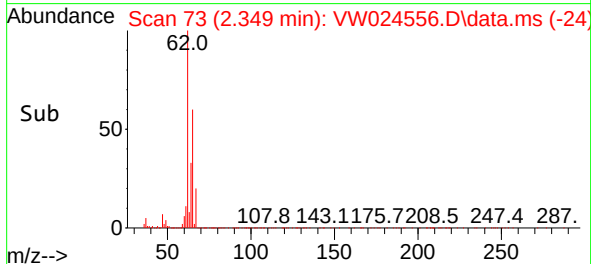
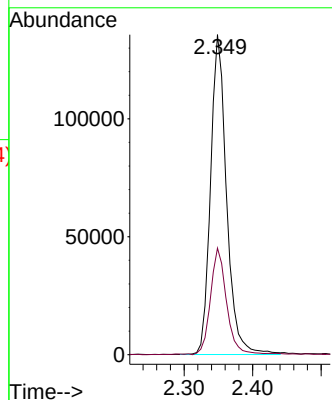
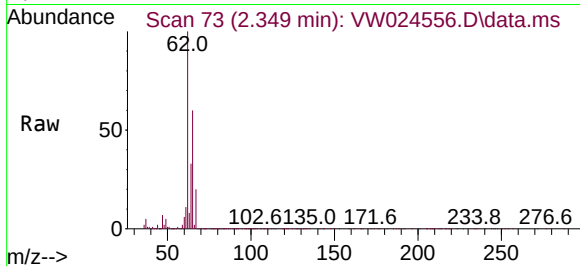




#5
 Vinyl chloride
 Concen: 26.566 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VW024556.D
 Acq: 06 Sep 2022 13:28

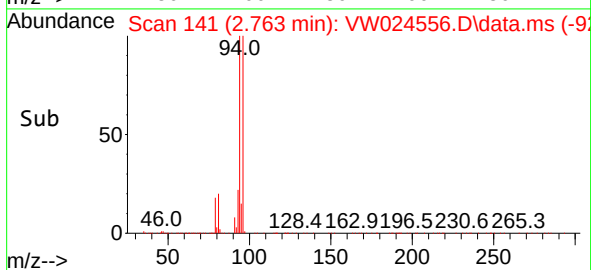
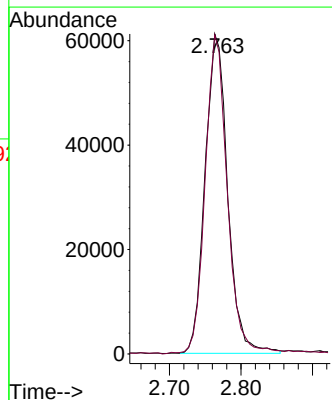
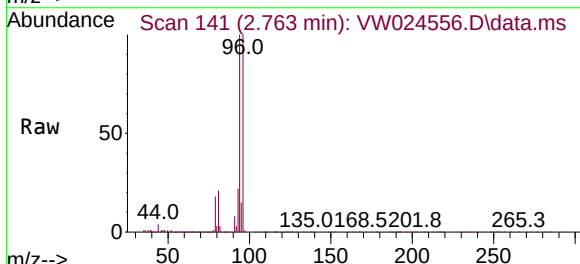
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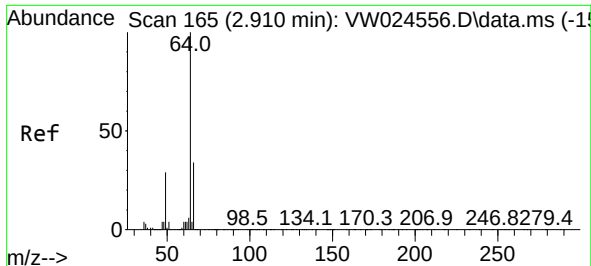
Tgt Ion: 62 Resp: 220798
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.3 43.3



#6
 Bromomethane
 Concen: 24.782 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024556.D
 Acq: 06 Sep 2022 13:28

Tgt Ion: 94 Resp: 134272
 Ion Ratio Lower Upper
 94 100
 96 99.7 69.8 129.6

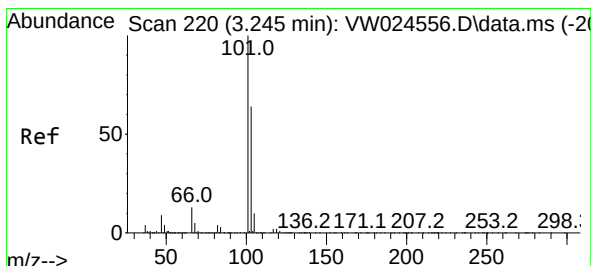
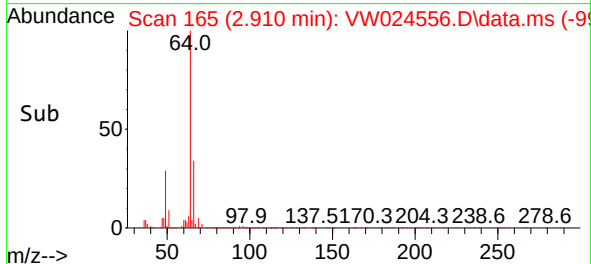
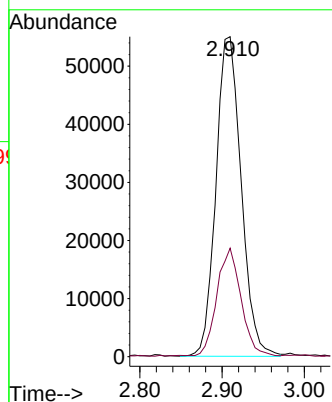
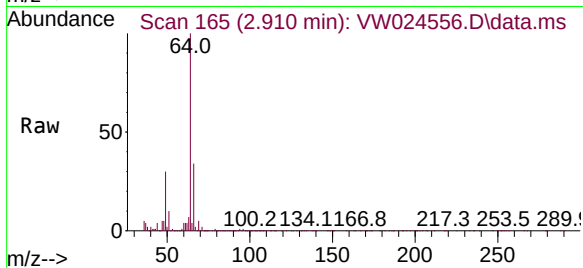




#8
Chloroethane
Concen: 25.946 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

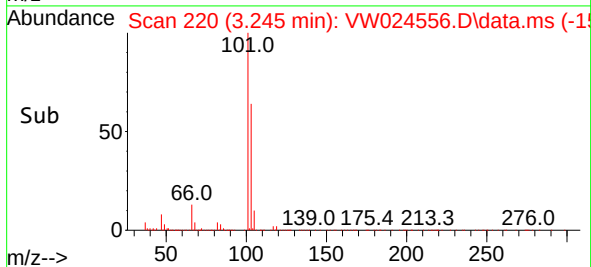
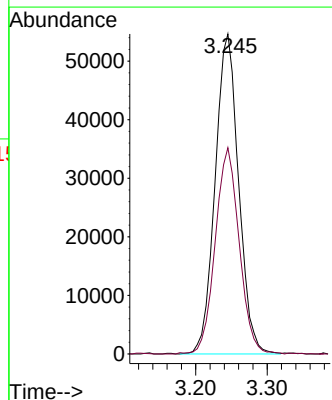
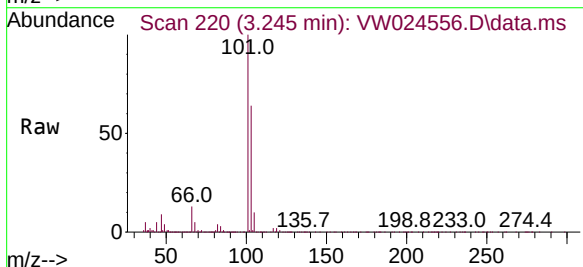
Instrument :
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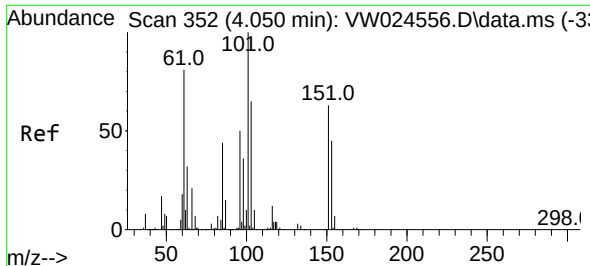
Tgt Ion: 64 Resp: 117318
Ion Ratio Lower Upper
64 100
66 33.9 23.7 44.1



#9
Trichlorofluoromethane
Concen: 25.906 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

Tgt Ion: 101 Resp: 124481
Ion Ratio Lower Upper
101 100
103 65.6 52.5 78.7

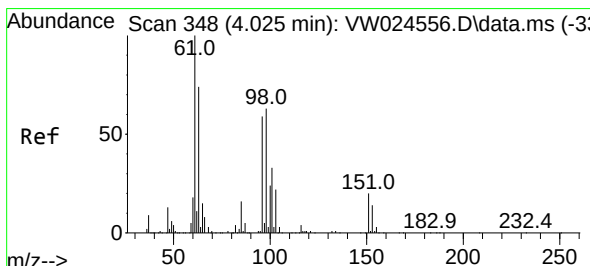
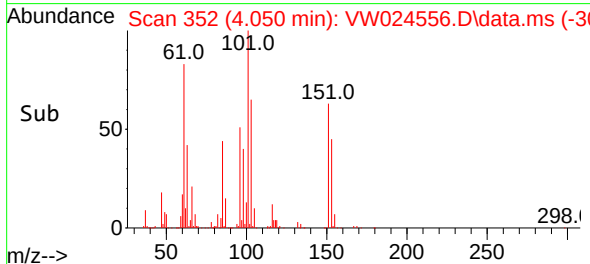
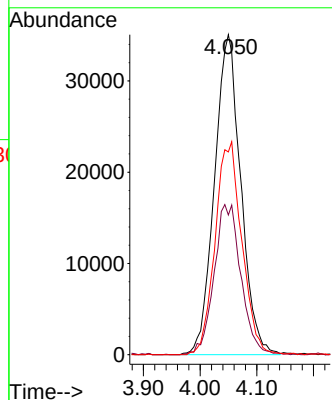
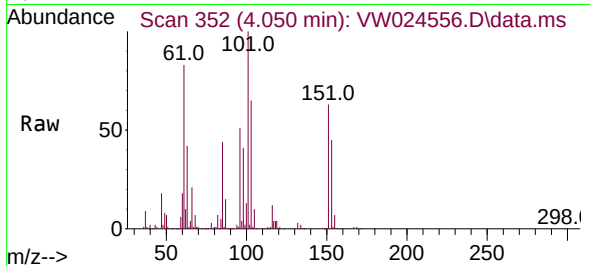




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.534 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW024556.D
 Acq: 06 Sep 2022 13:28

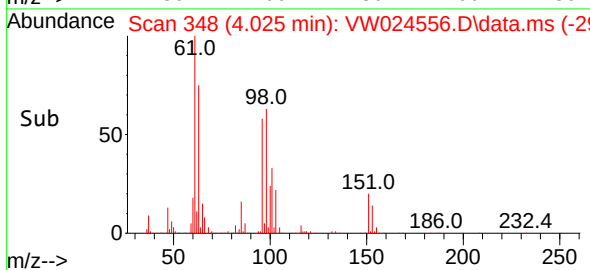
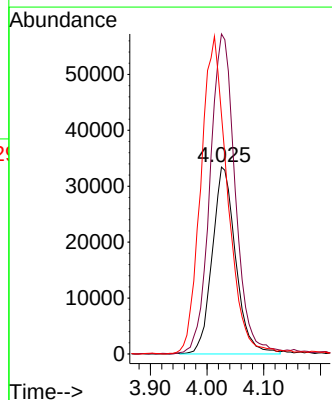
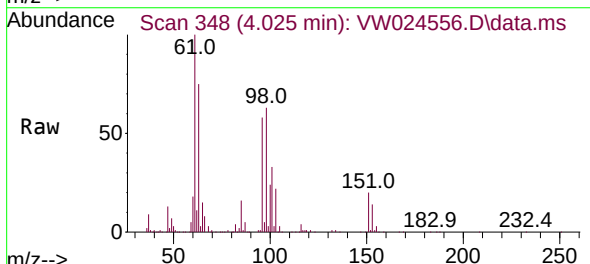
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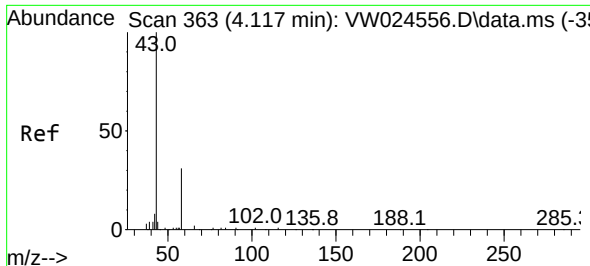
Tgt Ion:101 Resp: 113043
 Ion Ratio Lower Upper
 101 100
 85 27.3 21.8 32.8
 151 67.4 53.9 80.9



#12
 1,1-Dichloroethene
 Concen: 25.357 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. 0.000 min
 Lab File: VW024556.D
 Acq: 06 Sep 2022 13:28

Tgt Ion: 96 Resp: 95954
 Ion Ratio Lower Upper
 96 100
 61 171.2 119.8 222.6
 63 128.0 89.6 166.4

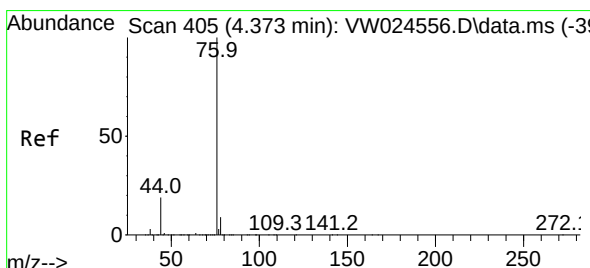
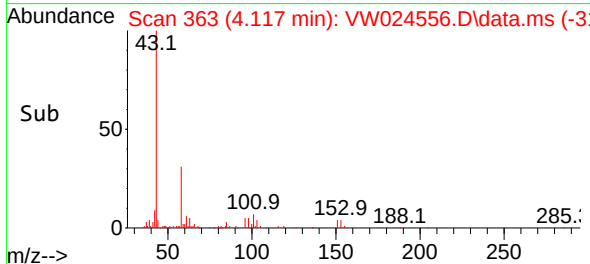
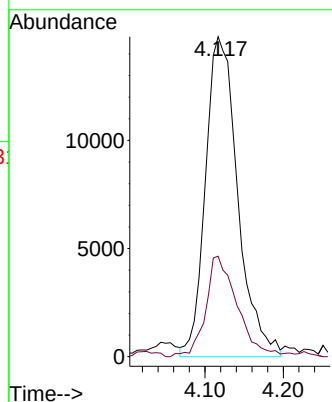
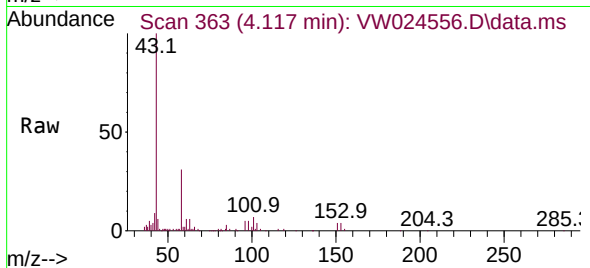




#13
Acetone
Concen: 45.994 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

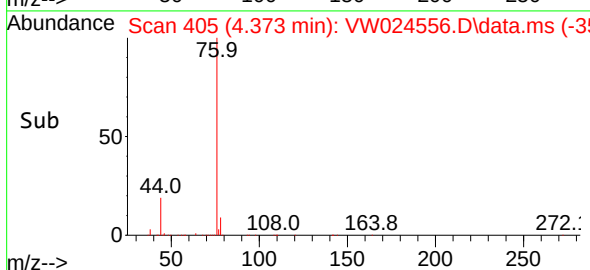
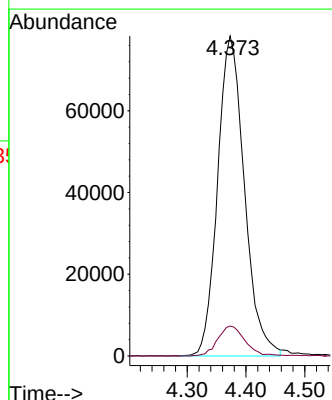
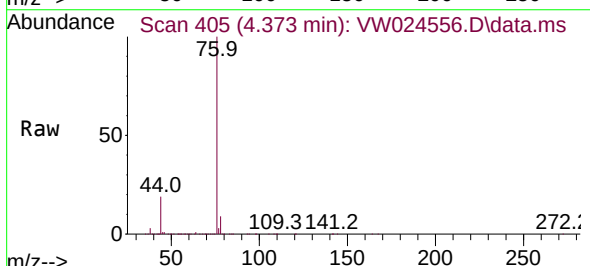
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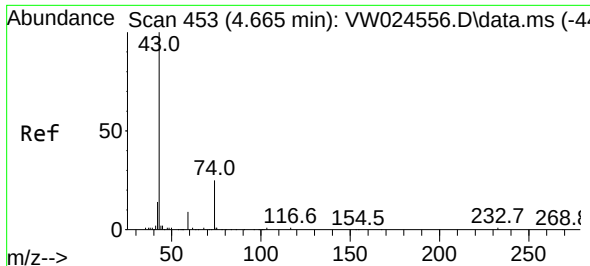
Tgt Ion: 43 Resp: 42408
Ion Ratio Lower Upper
43 100
58 28.9 0.0 57.8



#14
Carbon disulfide
Concen: 24.777 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

Tgt Ion: 76 Resp: 248075
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

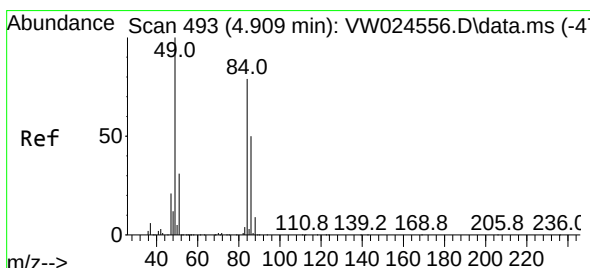
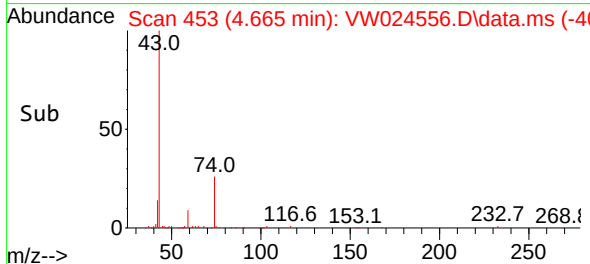
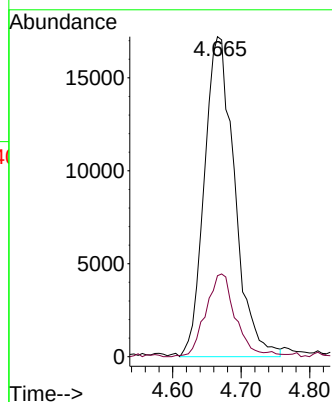
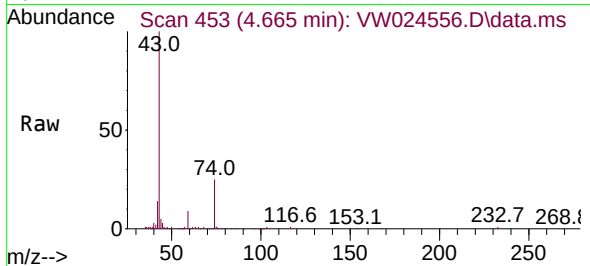




#15
Methyl Acetate
Concen: 26.230 ug/L
RT: 4.665 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

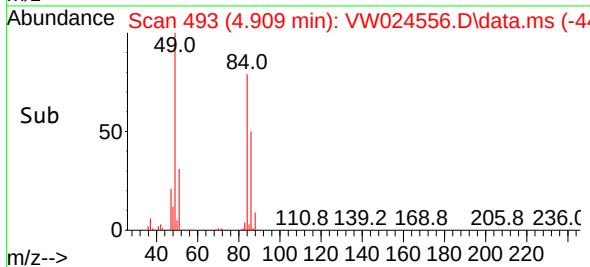
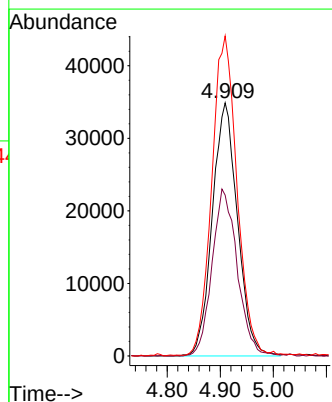
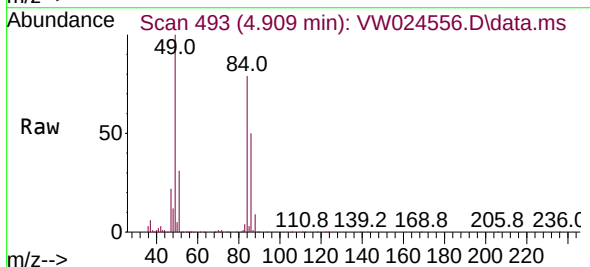
Instrument :
MSVOA_W
ClientSampleId :
VSTD025433

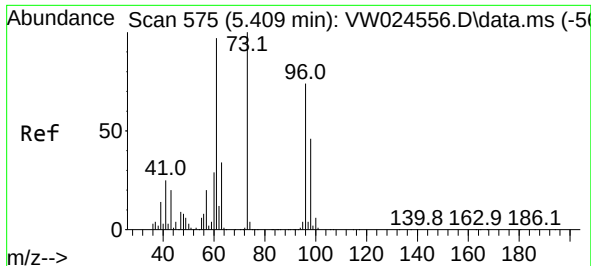
Tgt Ion: 43 Resp: 52828
Ion Ratio Lower Upper
43 100
74 24.9 19.9 29.9



#16
Methylene chloride
Concen: 23.317 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

Tgt Ion: 84 Resp: 115158
Ion Ratio Lower Upper
84 100
86 63.5 44.4 82.5
49 126.4 88.5 164.3

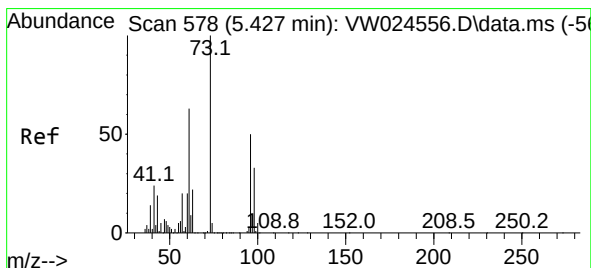
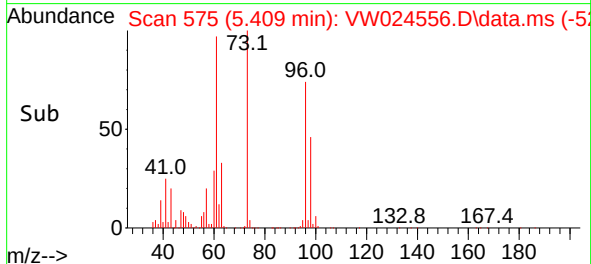
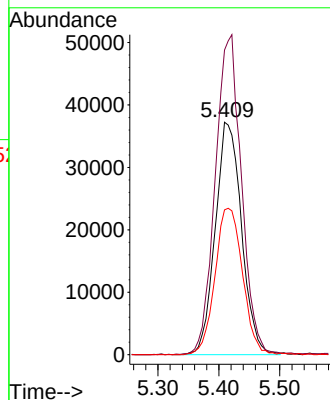
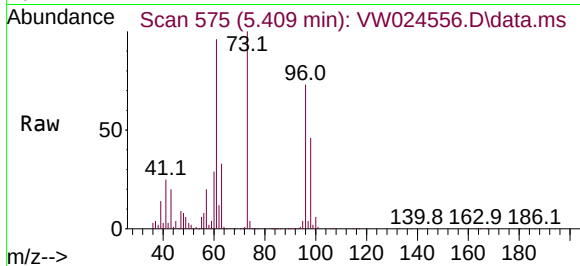




#17
 trans-1,2-Dichloroethene
 Concen: 25.813 ug/L
 RT: 5.409 min Scan# 575
 Delta R.T. 0.000 min
 Lab File: VW024556.D
 Acq: 06 Sep 2022 13:28

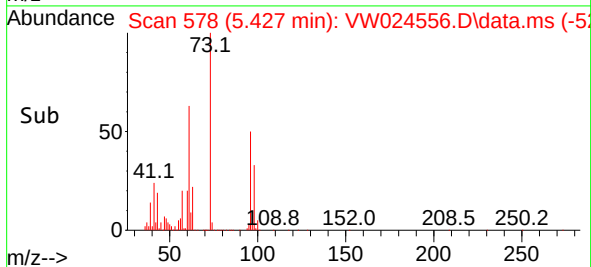
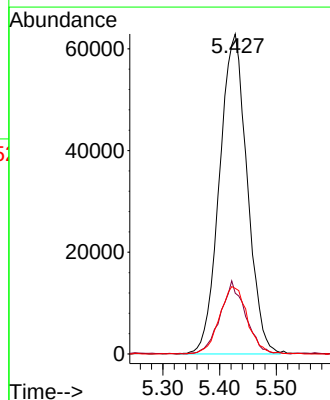
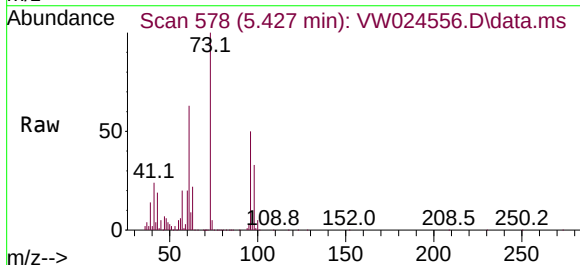
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025433

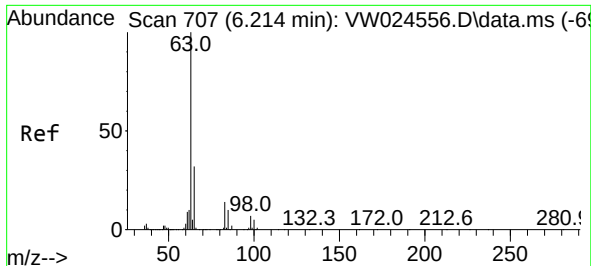
Tgt Ion: 96 Resp: 111706
 Ion Ratio Lower Upper
 96 100
 61 131.0 91.7 170.3
 98 62.3 43.6 81.0



#18
 Methyl tert-butyl Ether
 Concen: 27.602 ug/L
 RT: 5.427 min Scan# 578
 Delta R.T. 0.000 min
 Lab File: VW024556.D
 Acq: 06 Sep 2022 13:28

Tgt Ion: 73 Resp: 213068
 Ion Ratio Lower Upper
 73 100
 43 20.9 16.7 25.1
 57 21.0 16.8 25.2





#19

1,1-Dichloroethane

Concen: 26.368 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025433

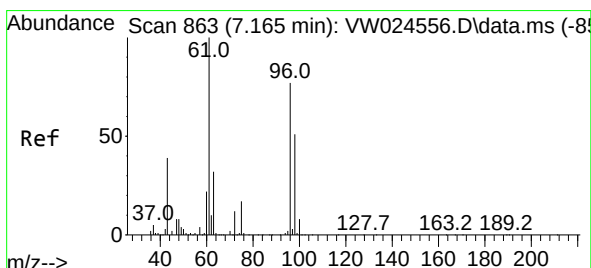
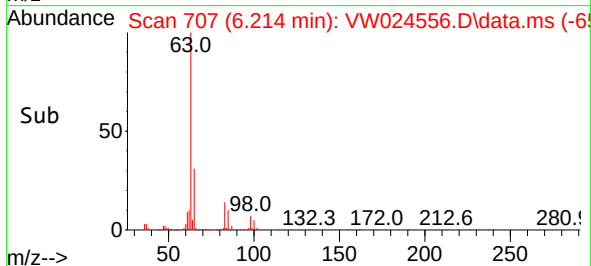
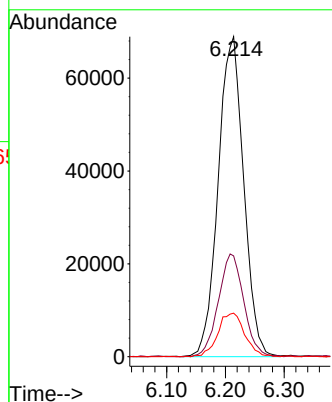
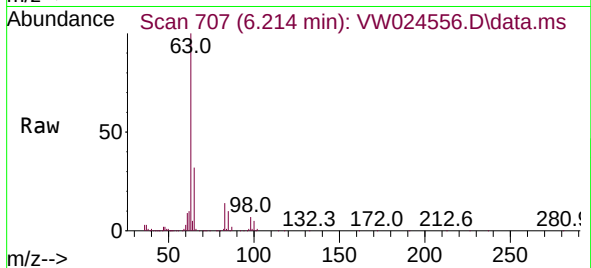
Tgt Ion: 63 Resp: 207948

Ion Ratio Lower Upper

63 100

65 31.5 22.0 41.0

83 13.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 26.035 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

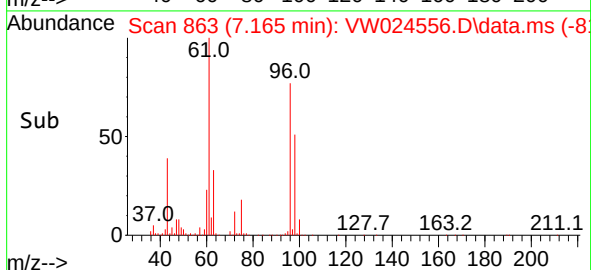
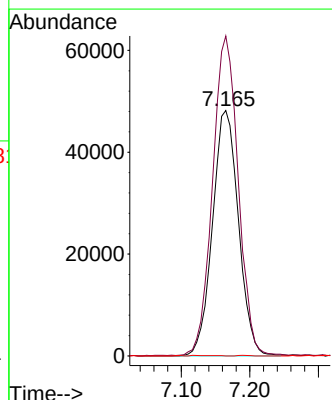
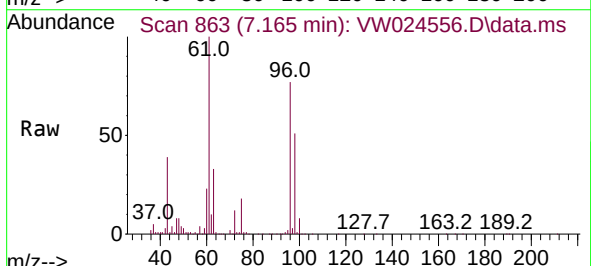
Tgt Ion: 96 Resp: 126615

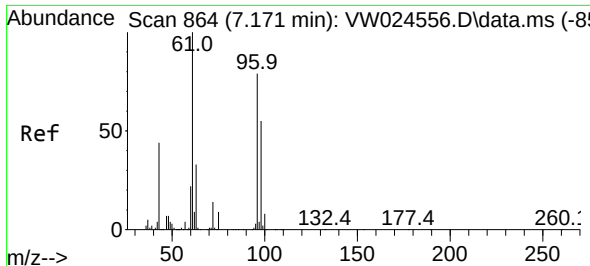
Ion Ratio Lower Upper

96 100

61 130.3 91.2 169.4

68 0.0 0.0 0.0

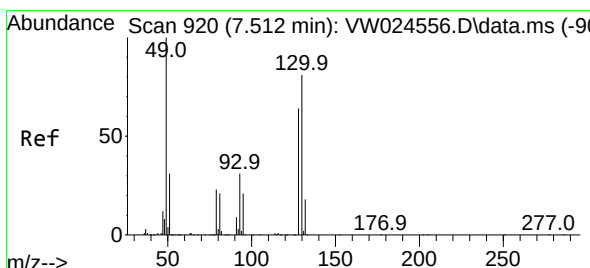
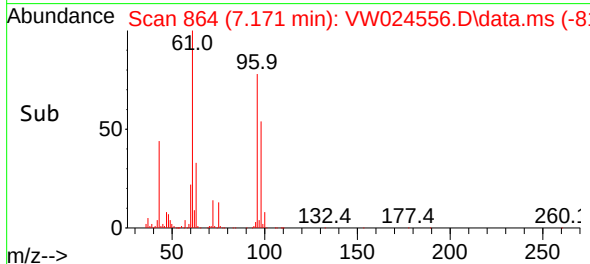
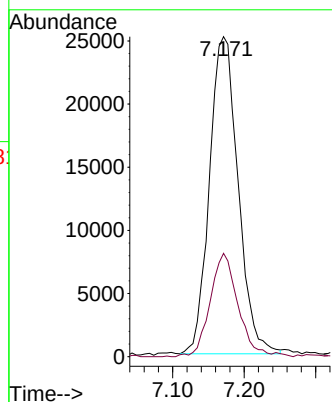
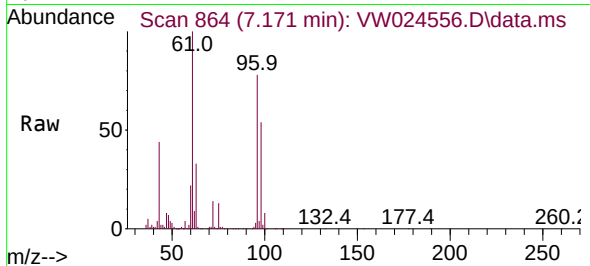




#22
2-Butanone
Concen: 46.126 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

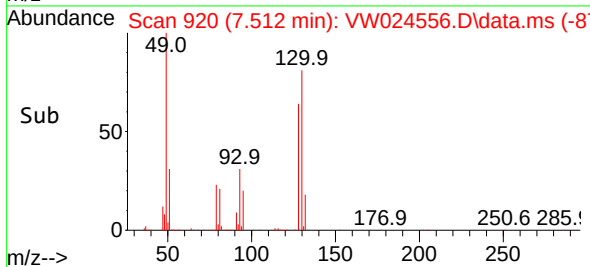
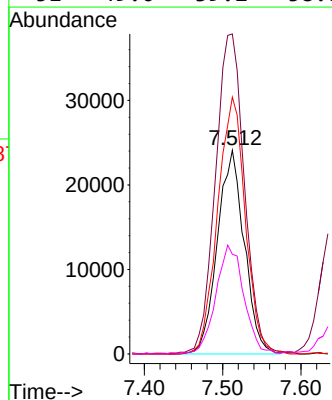
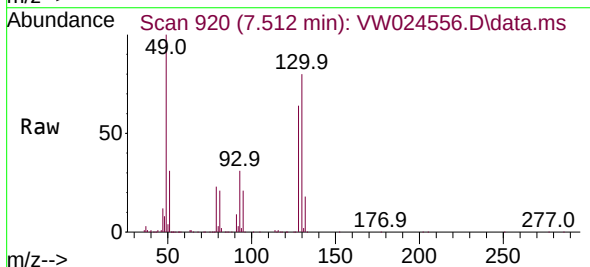
Instrument :
MSVOA_W
ClientSampleId :
VSTD025433

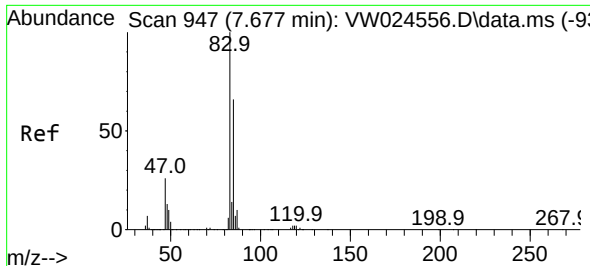
Tgt Ion: 43 Resp: 69897
Ion Ratio Lower Upper
43 100
72 30.9 15.4 46.4



#23
Bromochloromethane
Concen: 25.493 ug/L
RT: 7.512 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

Tgt Ion: 128 Resp: 57363
Ion Ratio Lower Upper
128 100
49 157.1 110.0 204.2
130 126.1 88.3 163.9
51 49.0 39.2 58.8

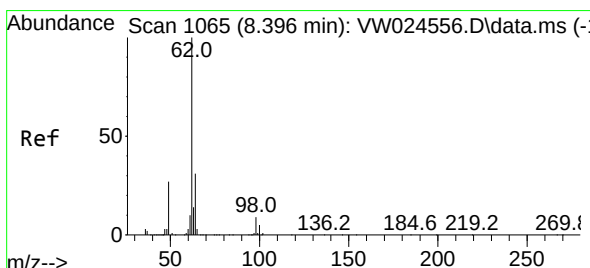
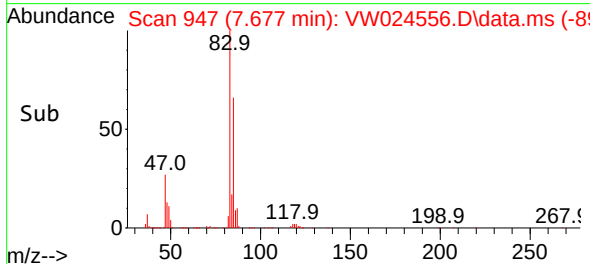
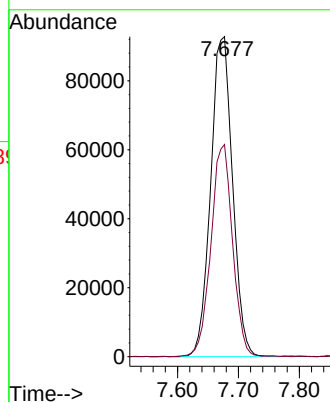
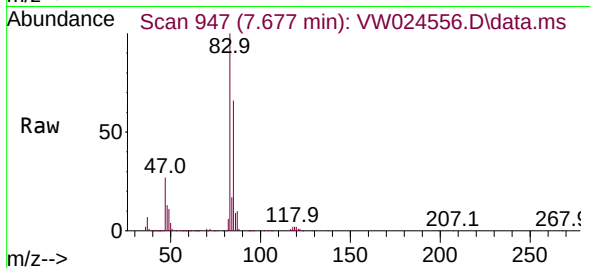




#25
Chloroform
Concen: 26.481 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

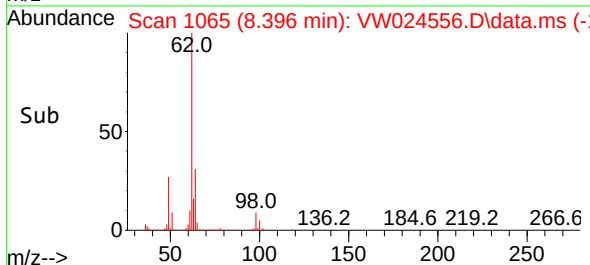
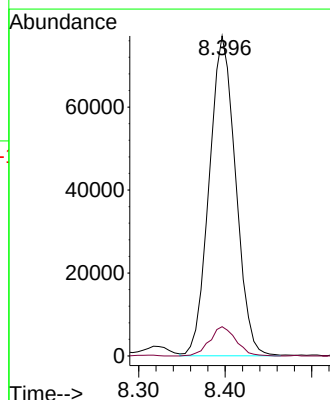
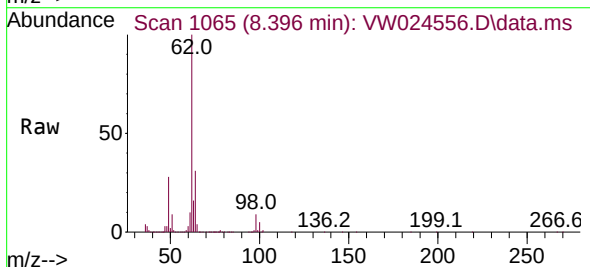
Instrument :
MSVOA_W
ClientSampleId :
VSTD025433

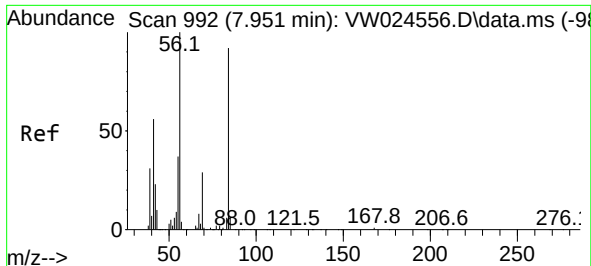
Tgt Ion: 83 Resp: 231983
Ion Ratio Lower Upper
83 100
85 66.3 46.4 86.2



#27
1,2-Dichloroethane
Concen: 27.743 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

Tgt Ion: 62 Resp: 163366
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0

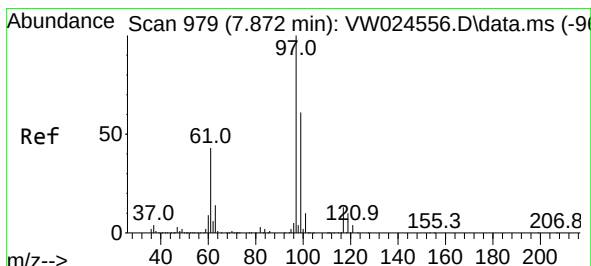
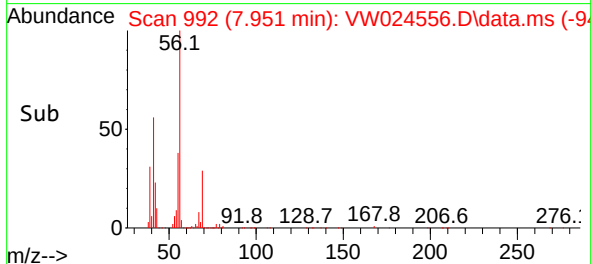
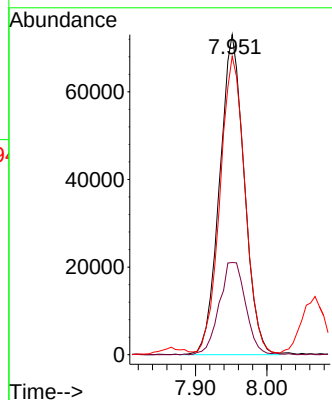
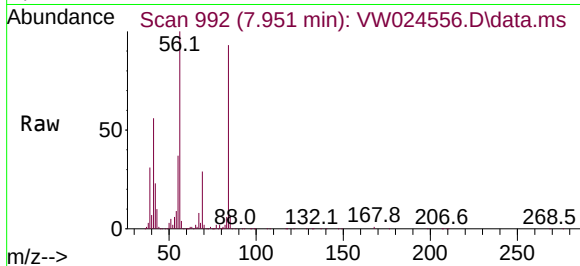




#29
Cyclohexane
Concen: 26.540 ug/L
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

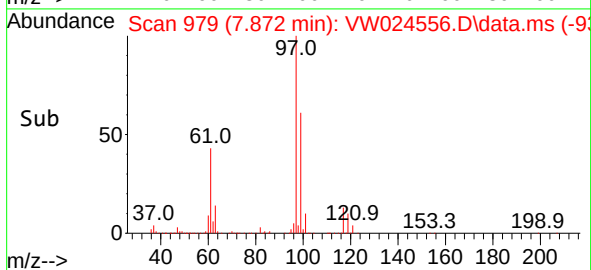
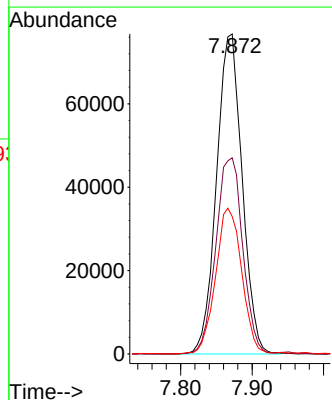
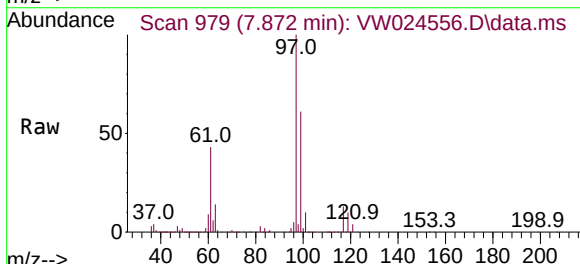
Instrument :
MSVOA_W
ClientSampleId :
VSTD025433

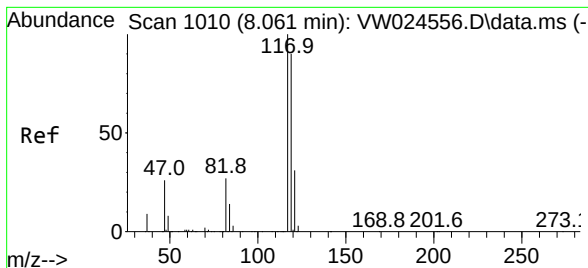
Tgt Ion: 56 Resp: 175090
Ion Ratio Lower Upper
56 100
69 30.6 24.5 36.7
84 94.6 75.7 113.5



#30
1,1,1-Trichloroethane
Concen: 25.569 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

Tgt Ion: 97 Resp: 191084
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 46.5 37.2 55.8

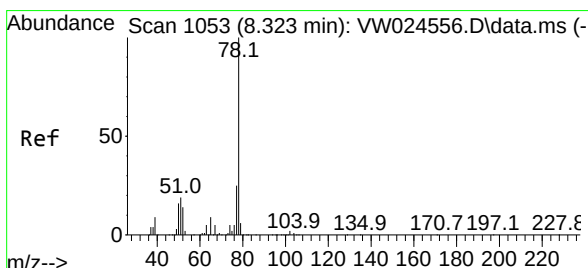
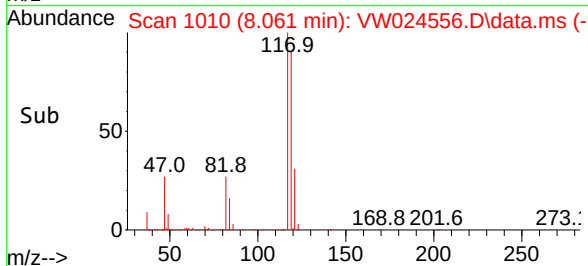
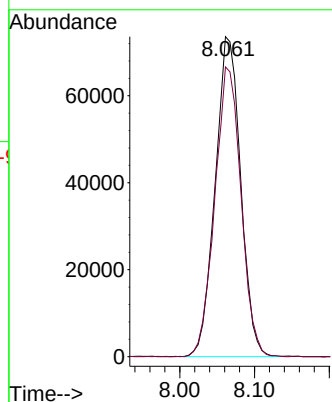
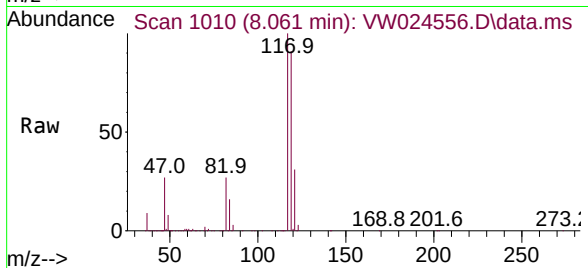




#31
Carbon tetrachloride
Concen: 25.607 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

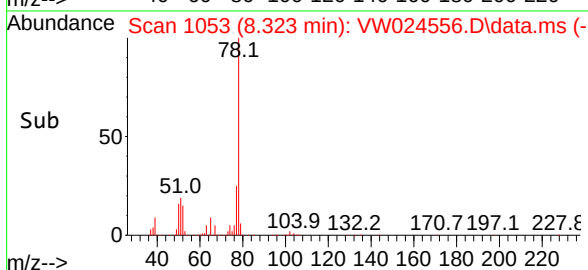
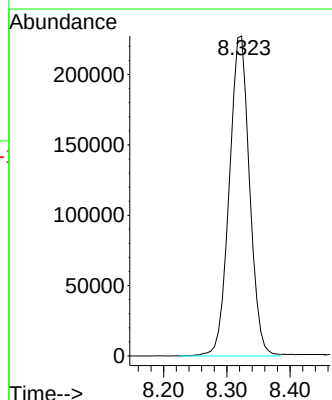
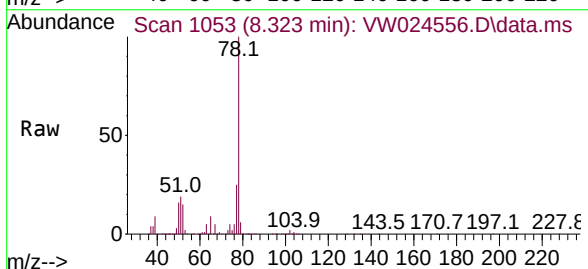
Instrument :
MSVOA_W
ClientSampleId :
VSTD025433

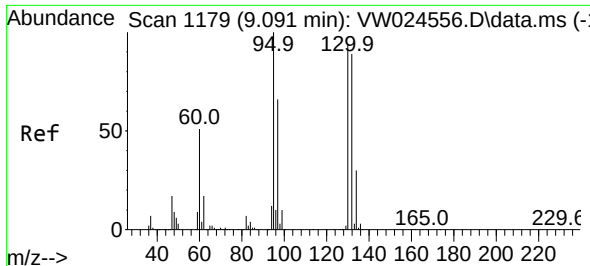
Tgt Ion:117 Resp: 174791
Ion Ratio Lower Upper
117 100
119 93.0 74.4 111.6



#33
Benzene
Concen: 26.159 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

Tgt Ion: 78 Resp: 505945





#34

Trichloroethene

Concen: 25.236 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025433

Tgt Ion: 95 Resp: 127477

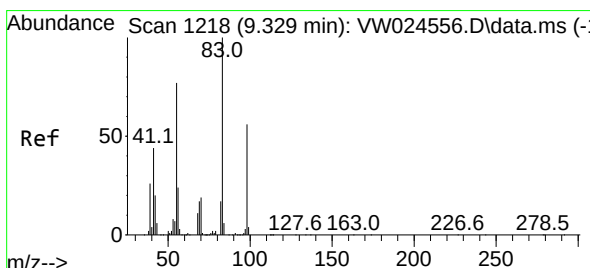
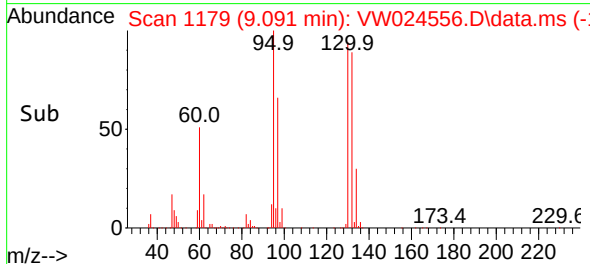
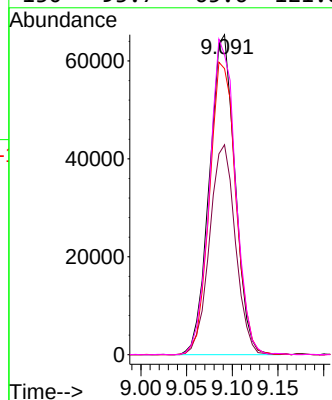
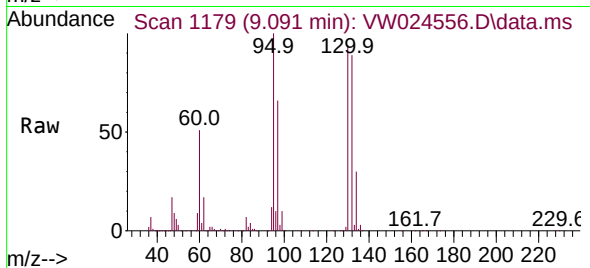
Ion Ratio Lower Upper

95 100

97 65.6 45.9 85.3

132 89.4 62.6 116.2

130 93.7 65.6 121.8



#35

Methylcyclohexane

Concen: 26.253 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

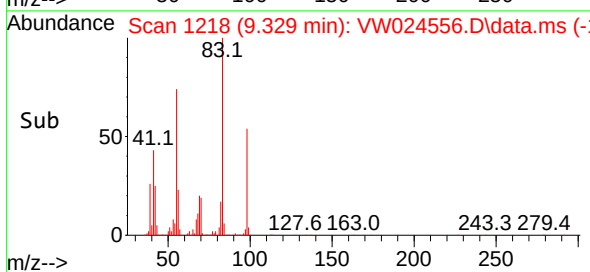
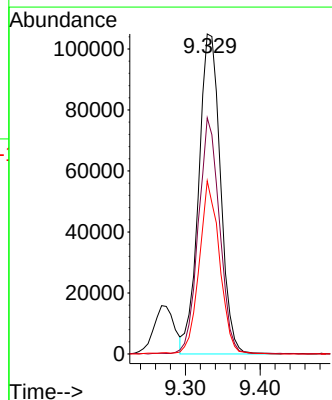
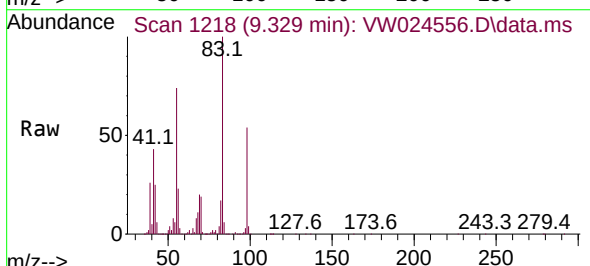
Tgt Ion: 83 Resp: 212175

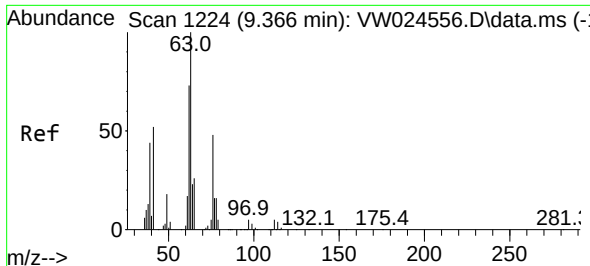
Ion Ratio Lower Upper

83 100

55 71.6 57.3 85.9

98 50.5 40.4 60.6





#37

1,2-Dichloropropane

Concen: 26.092 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

Instrument :

MSVOA_W

ClientSampleId :

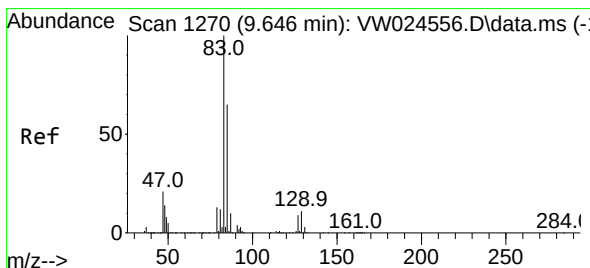
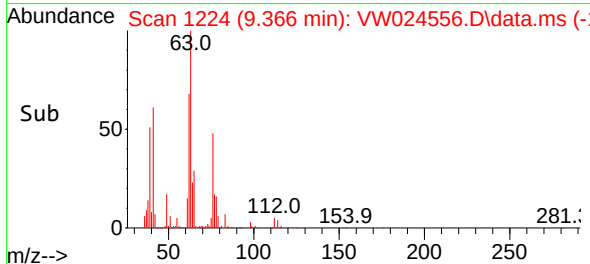
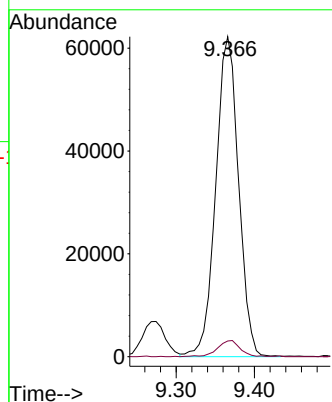
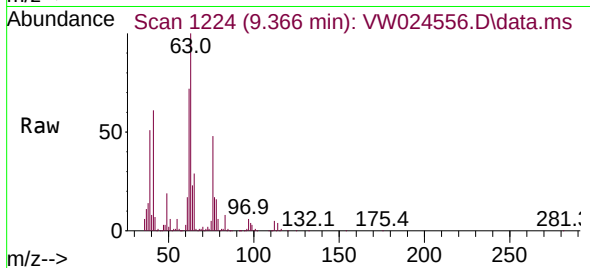
VSTD025433

Tgt Ion: 63 Resp: 126040

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 26.024 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

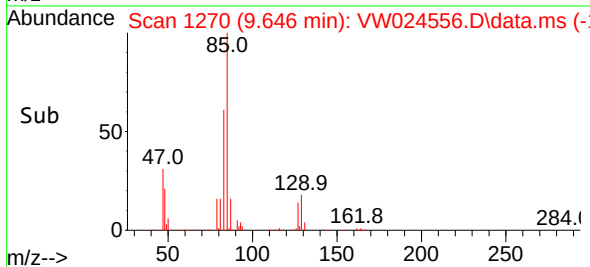
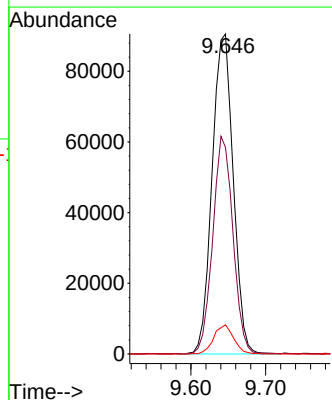
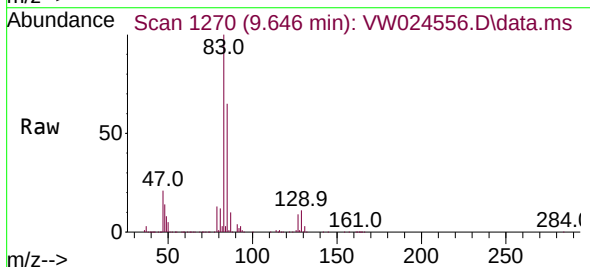
Tgt Ion: 83 Resp: 177670

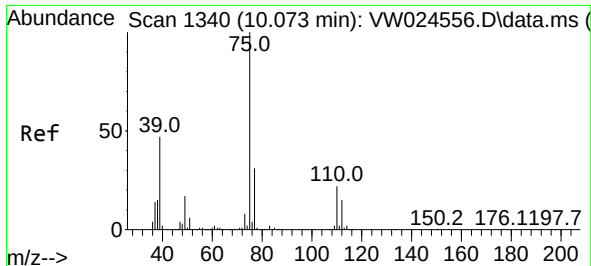
Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.9

127 9.1 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 27.421 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

Instrument :

MSVOA_W

ClientSampleId :

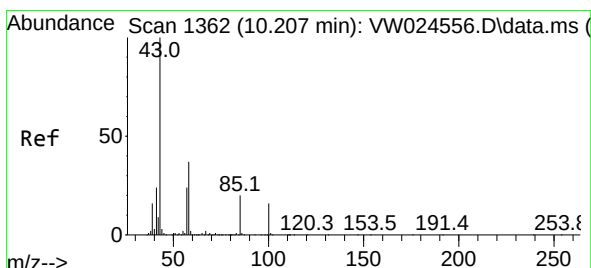
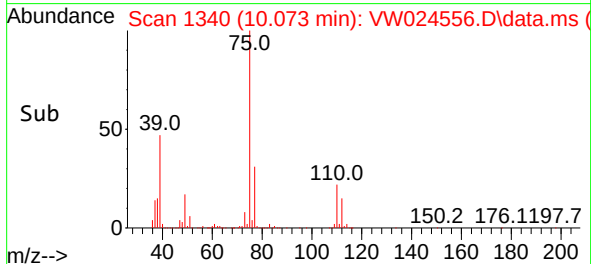
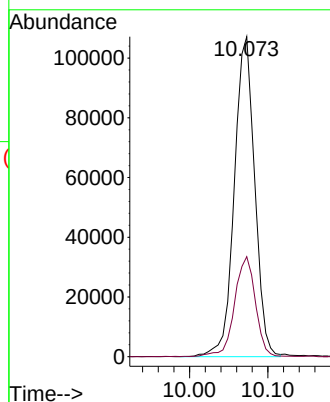
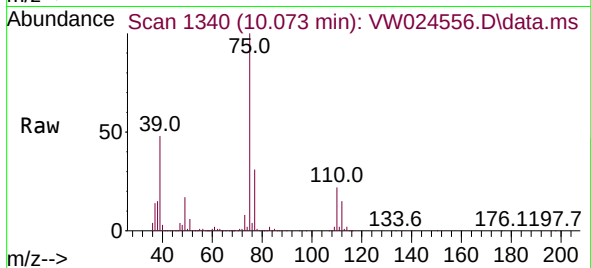
VSTD025433

Tgt Ion: 75 Resp: 193667

Ion Ratio Lower Upper

75 100

77 31.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 55.737 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

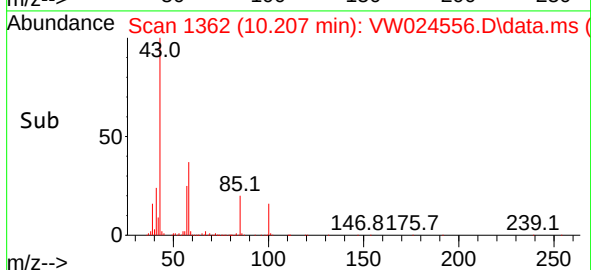
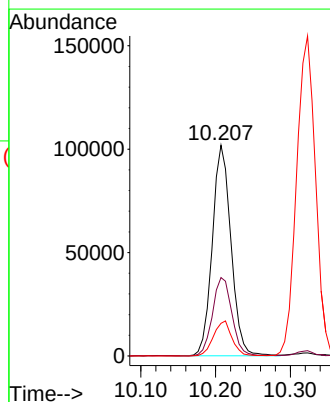
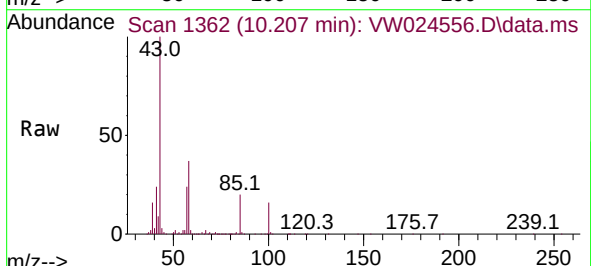
Tgt Ion: 43 Resp: 177604

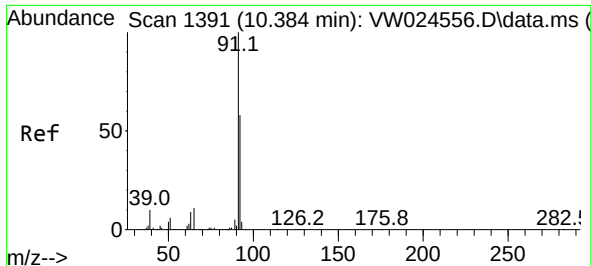
Ion Ratio Lower Upper

43 100

58 38.6 30.9 46.3

100 16.6 13.3 19.9





#42

Toluene

Concen: 27.249 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

Instrument :

MSVOA_W

ClientSampleId :

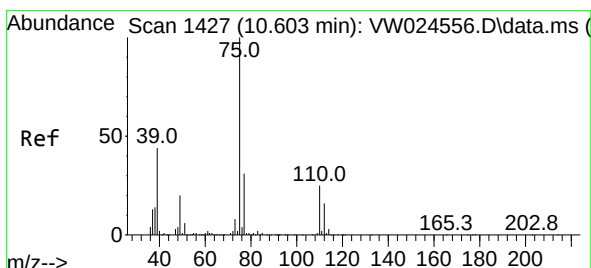
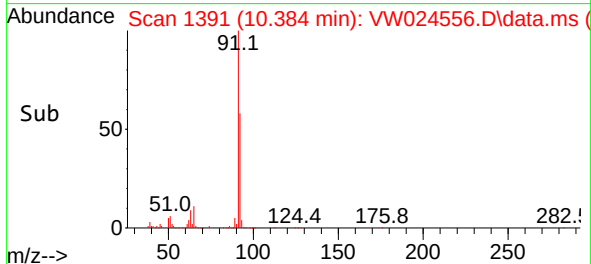
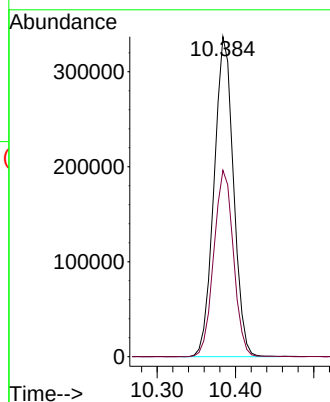
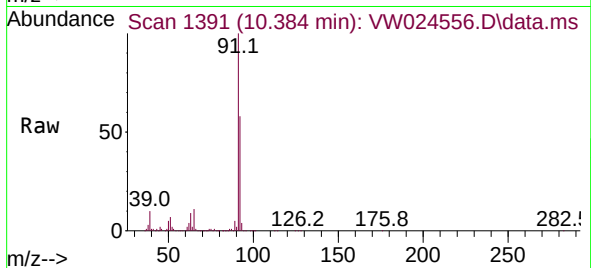
VSTD025433

Tgt Ion: 91 Resp: 581019

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 27.400 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024556.D

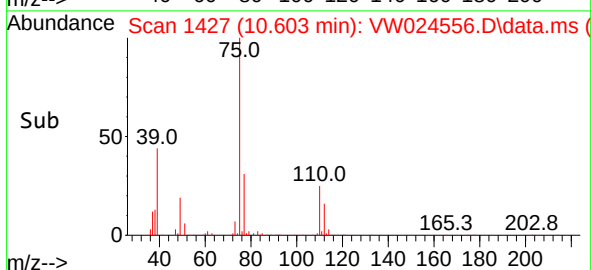
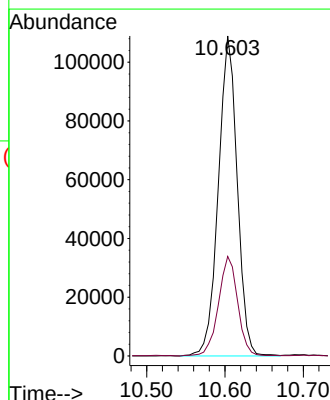
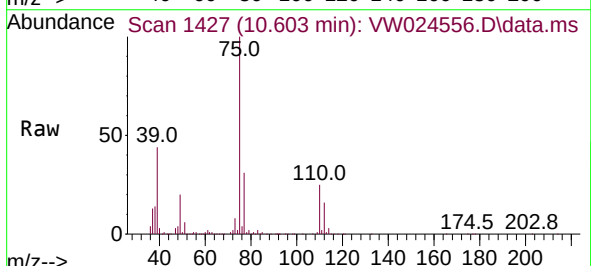
Acq: 06 Sep 2022 13:28

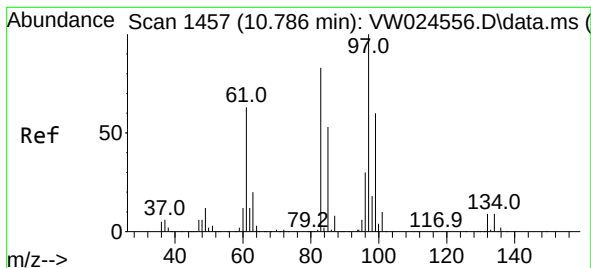
Tgt Ion: 75 Resp: 182791

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 26.794 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025433

Tgt Ion: 97 Resp: 108170

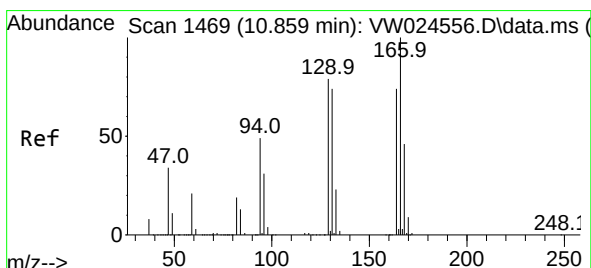
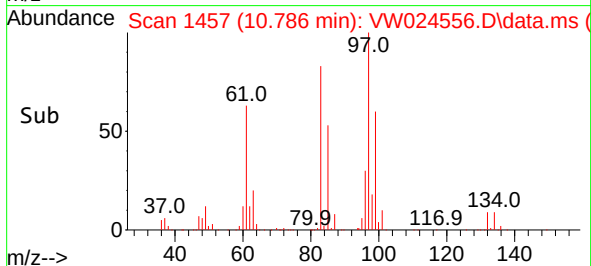
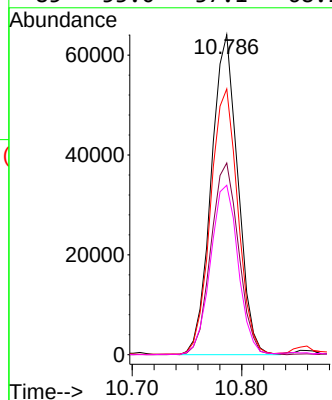
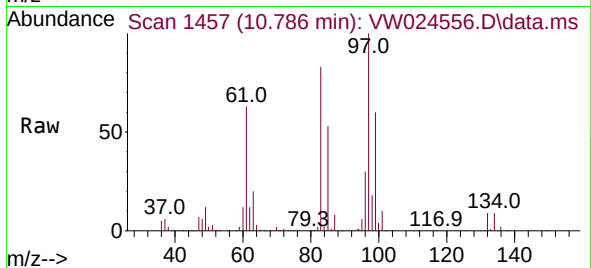
Ion Ratio Lower Upper

97 100

99 59.9 41.9 77.9

83 83.1 58.2 108.0

85 53.0 37.1 68.9



#46

Tetrachloroethene

Concen: 26.251 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

Tgt Ion:164 Resp: 97705

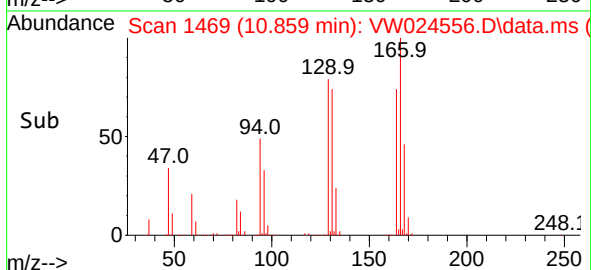
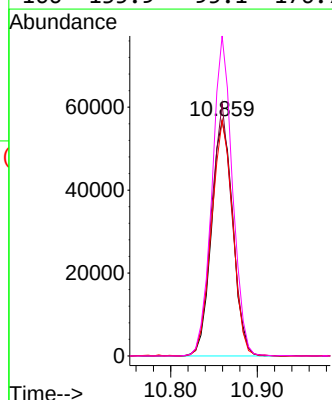
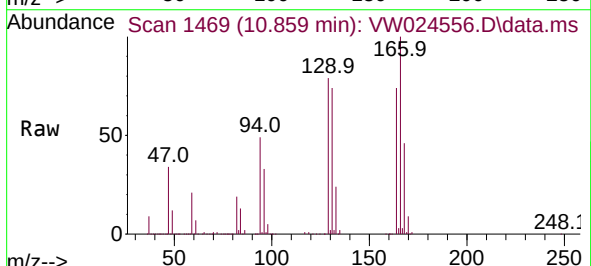
Ion Ratio Lower Upper

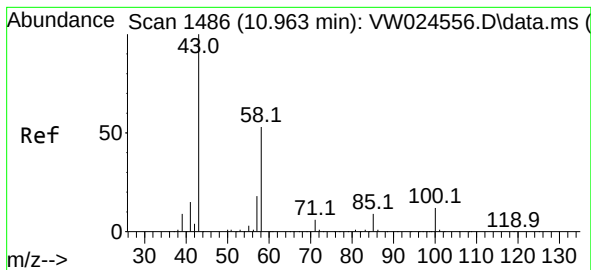
164 100

129 107.1 75.0 139.2

131 100.1 70.1 130.1

166 135.9 95.1 176.7

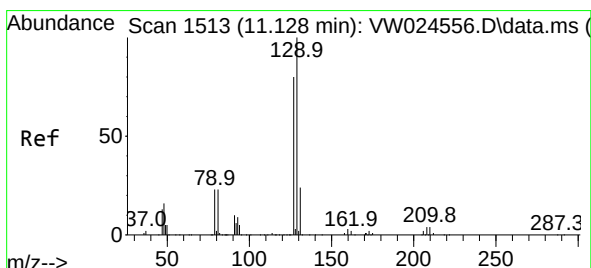
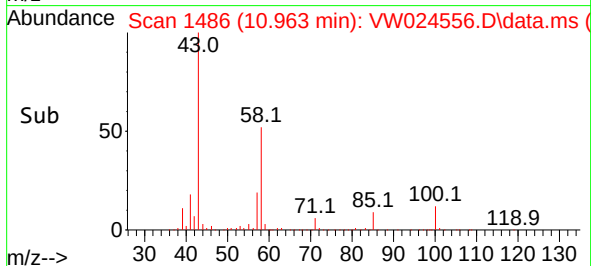
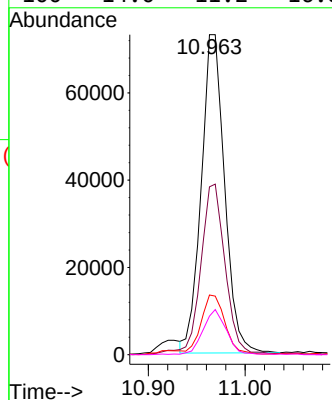
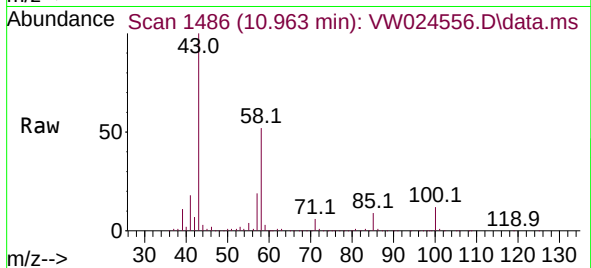




#48
2-Hexanone
Concen: 56.303 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

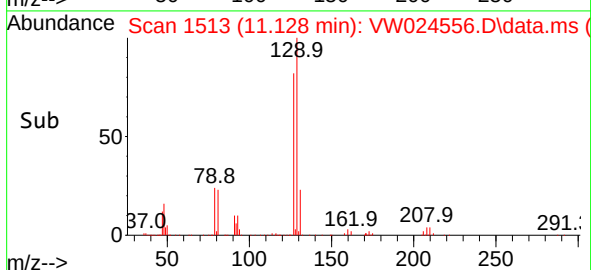
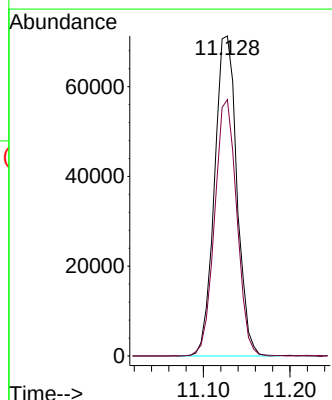
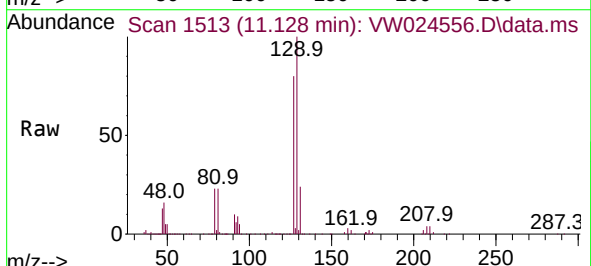
Instrument :
MSVOA_W
ClientSampleId :
VSTD025433

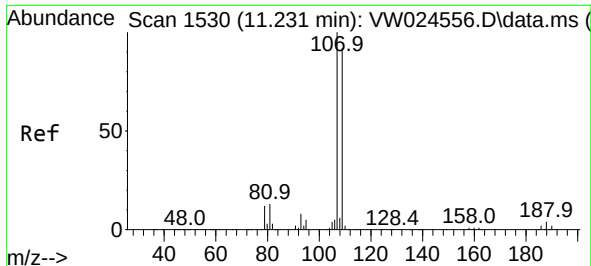
Tgt Ion: 43	Resp: 123033
Ion Ratio	Lower Upper
43 100	
58 54.6	43.7 65.5
57 19.1	15.3 22.9
100 14.0	11.2 16.8



#49
Dibromochloromethane
Concen: 27.161 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

Tgt Ion:129	Resp: 128185
Ion Ratio	Lower Upper
129 100	
127 80.1	56.1 104.1





#50

1,2-Dibromoethane

Concen: 26.469 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025433

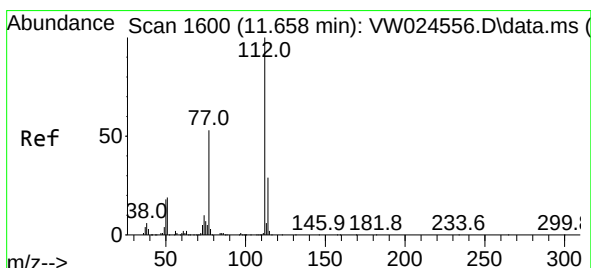
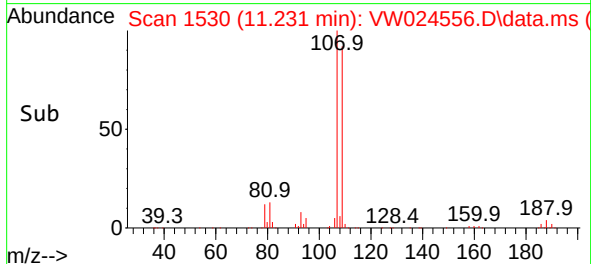
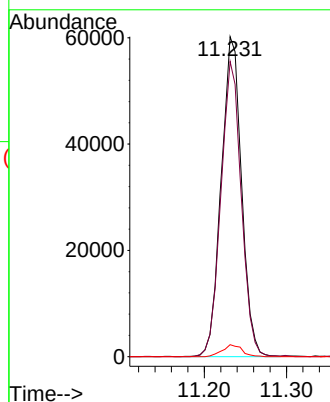
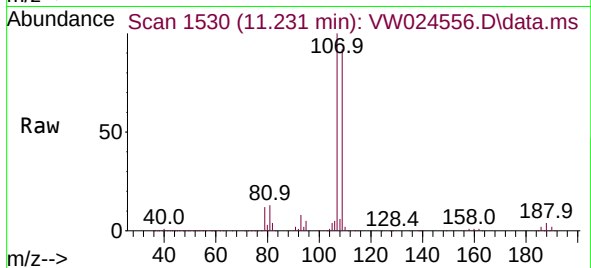
Tgt Ion:107 Resp: 103711

Ion Ratio Lower Upper

107 100

109 92.2 64.5 119.9

188 3.7 3.0 4.4



#51

Chlorobenzene

Concen: 26.681 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

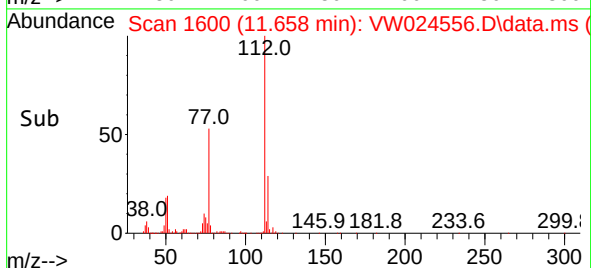
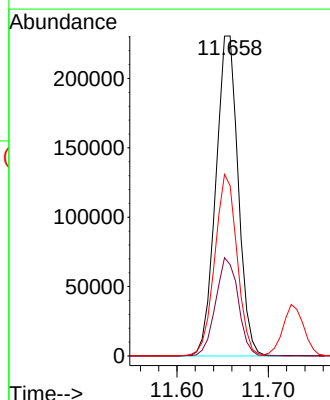
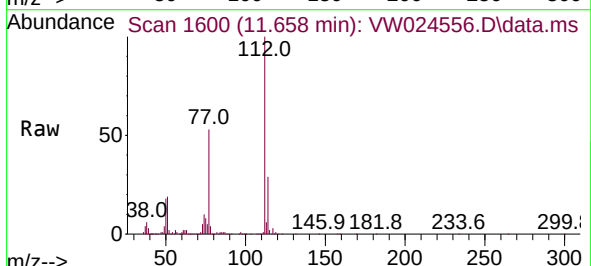
Tgt Ion:112 Resp: 393039

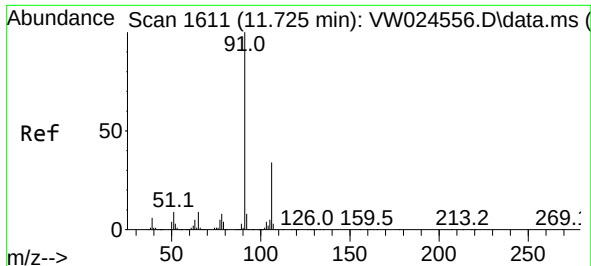
Ion Ratio Lower Upper

112 100

114 28.6 20.0 37.2

77 53.2 42.6 63.8

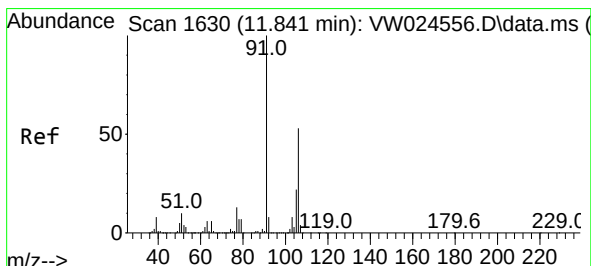
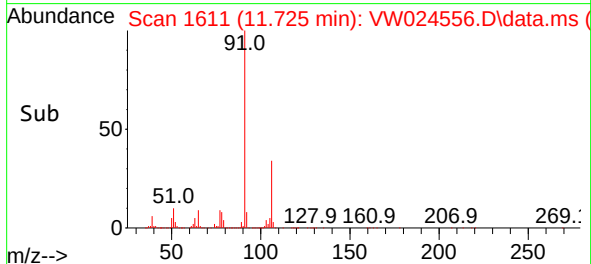
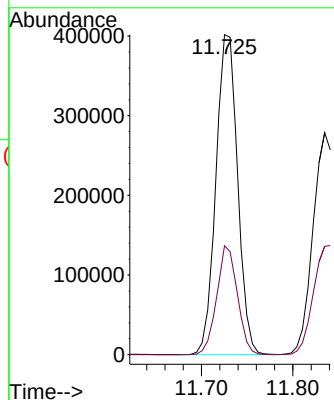
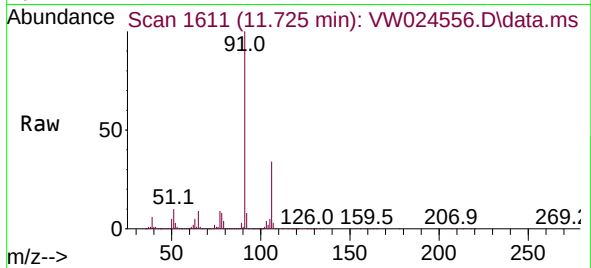




#52
Ethylbenzene
Concen: 27.404 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

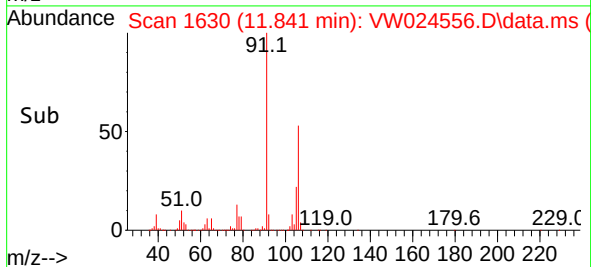
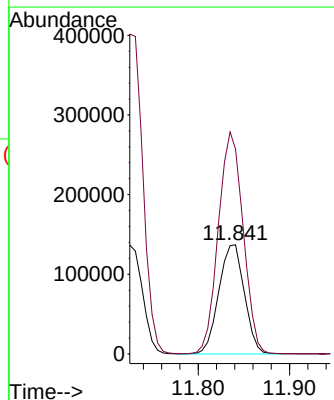
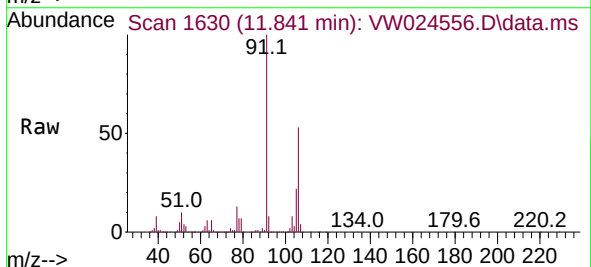
Instrument :
MSVOA_W
ClientSampleId :
VSTD025433

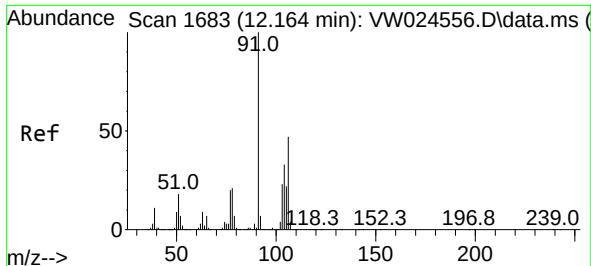
Tgt Ion: 91 Resp: 663448
Ion Ratio Lower Upper
91 100
106 34.0 23.8 44.2



#53
m,p-Xylene
Concen: 28.119 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

Tgt Ion: 106 Resp: 265962
Ion Ratio Lower Upper
106 100
91 187.5 131.3 243.8

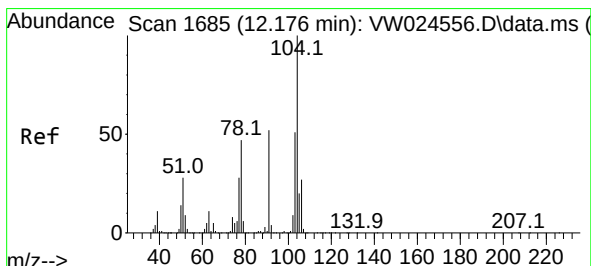
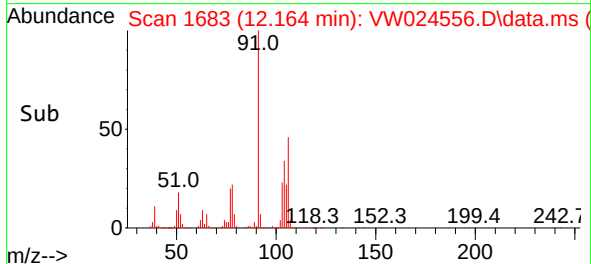
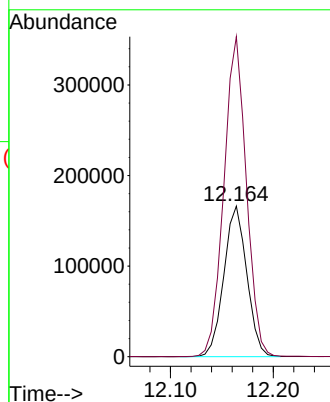
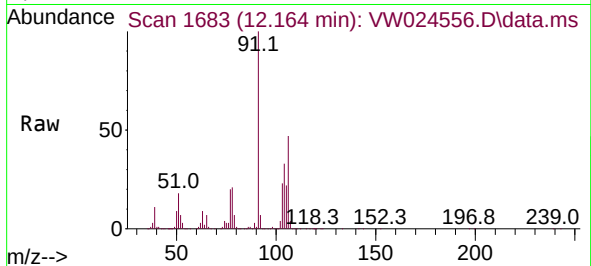




#54
o-Xylene
Concen: 28.627 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

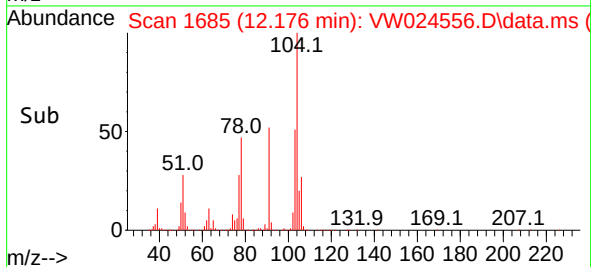
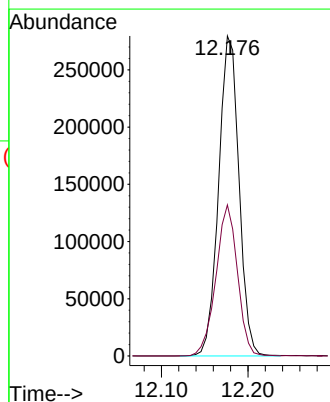
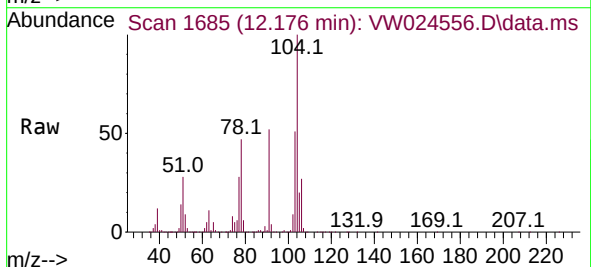
Instrument :
MSVOA_W
ClientSampleId :
VSTD025433

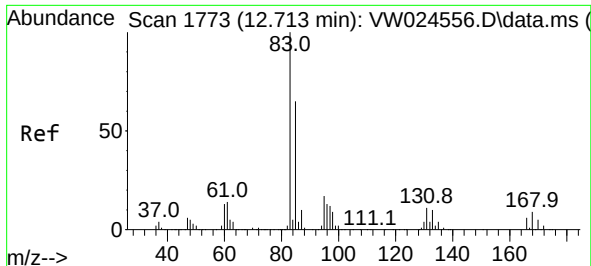
Tgt Ion:106 Resp: 257792
Ion Ratio Lower Upper
106 100
91 212.5 148.7 276.3



#55
Styrene
Concen: 28.801 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

Tgt Ion:104 Resp: 456525
Ion Ratio Lower Upper
104 100
78 47.2 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 27.393 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025433

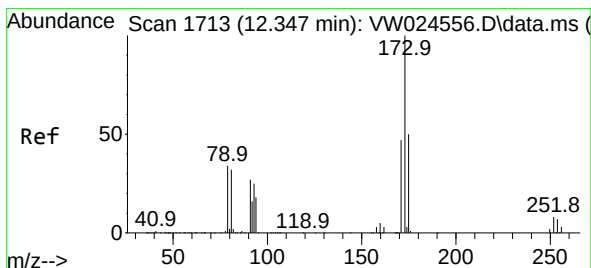
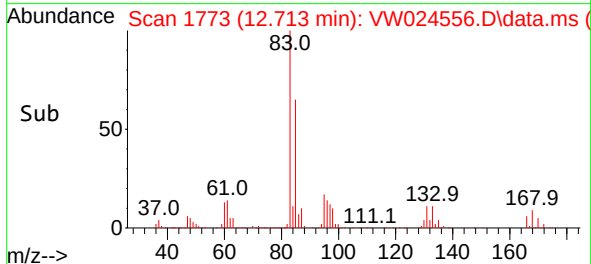
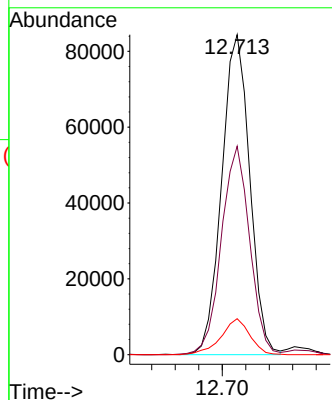
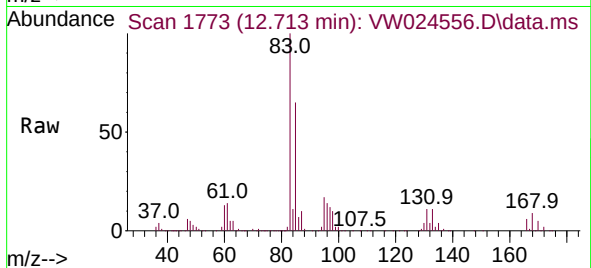
Tgt Ion: 83 Resp: 140005

Ion Ratio Lower Upper

83 100

85 65.2 45.6 84.8

131 11.2 9.0 13.4



#59

Bromoform

Concen: 27.705 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

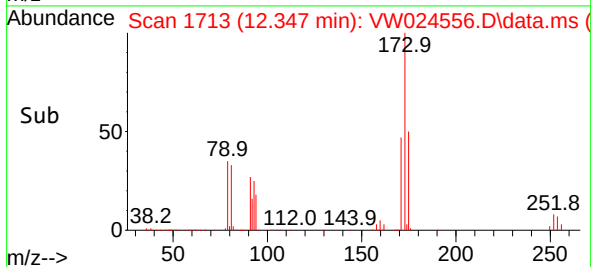
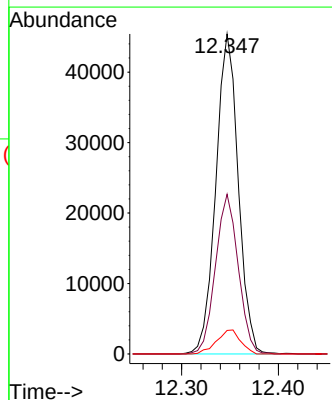
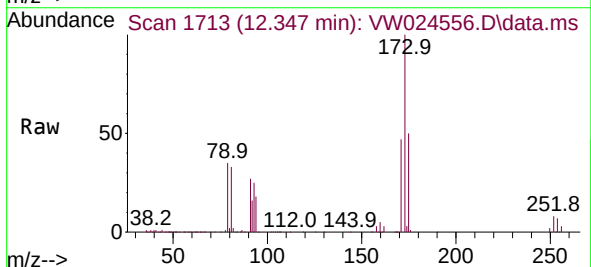
Tgt Ion: 173 Resp: 73047

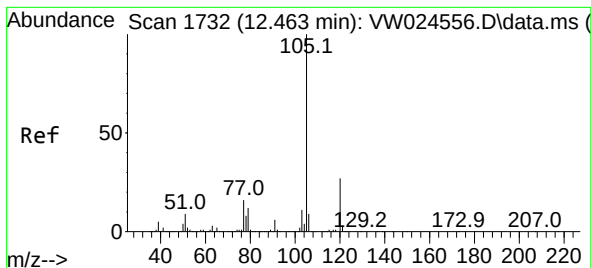
Ion Ratio Lower Upper

173 100

175 50.6 40.5 60.7

254 8.0 6.4 9.6

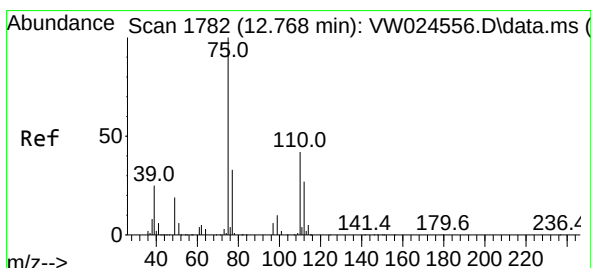
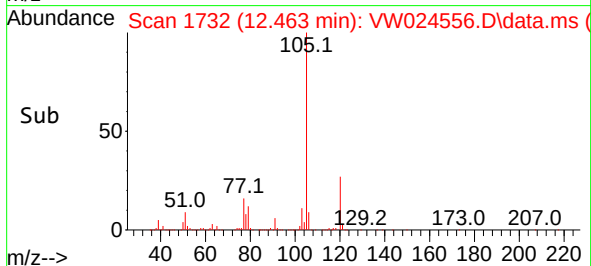
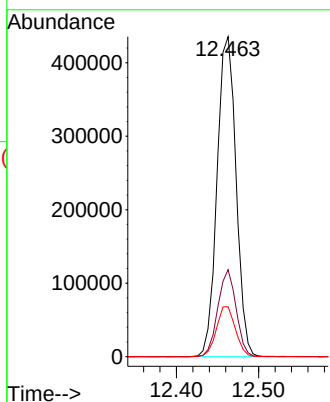
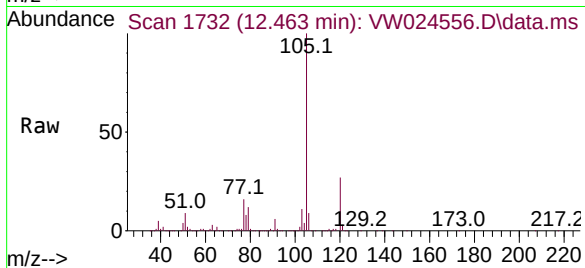




#60
Isopropylbenzene
Concen: 28.458 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

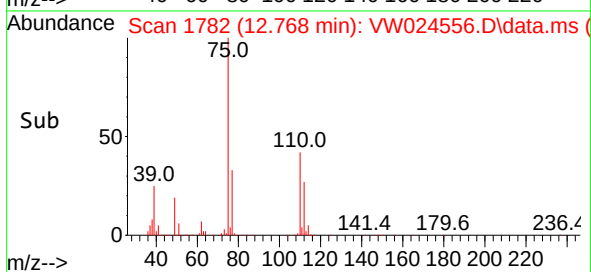
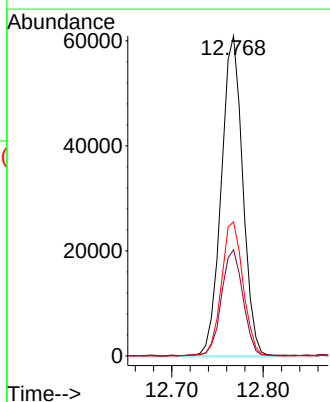
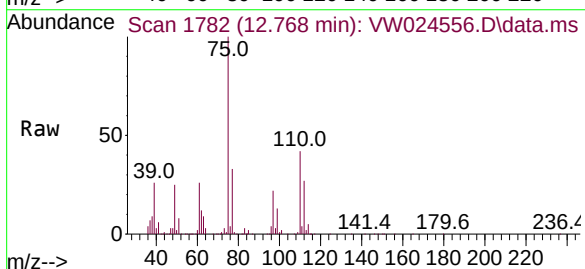
Instrument :
MSVOA_W
ClientSampleId :
VSTD025433

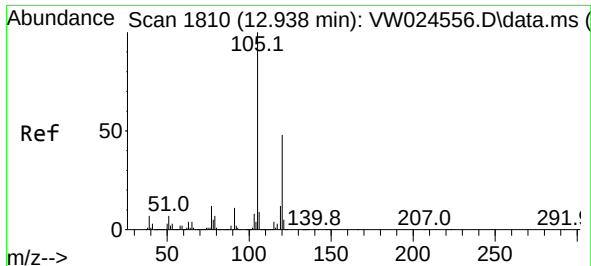
Tgt Ion:105 Resp: 698914
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 26.492 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024556.D
Acq: 06 Sep 2022 13:28

Tgt Ion: 75 Resp: 99417
Ion Ratio Lower Upper
75 100
77 33.5 26.8 40.2
110 42.3 33.8 50.8





#62

1,3,5-Trimethylbenzene

Concen: 28.859 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

Instrument :

MSVOA_W

ClientSampleId :

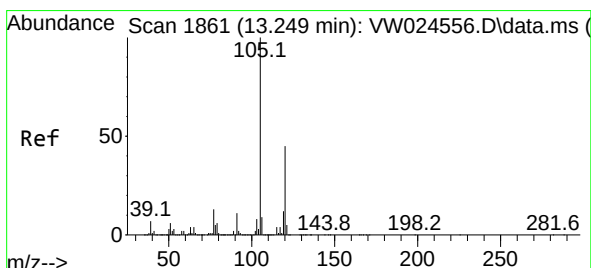
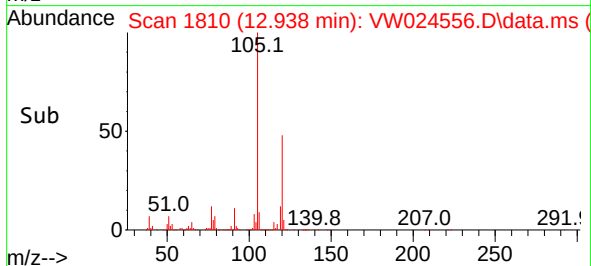
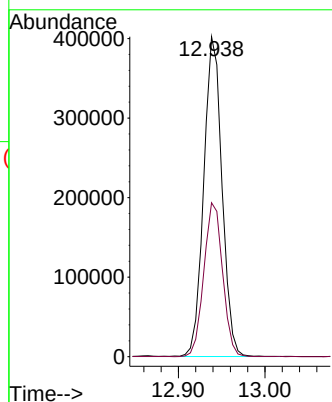
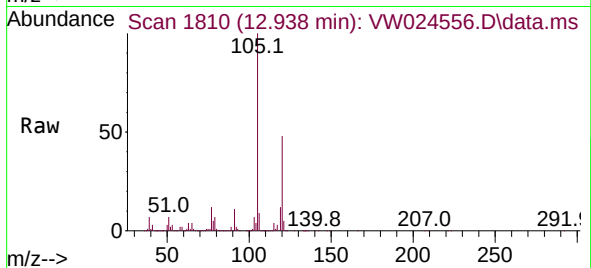
VSTD025433

Tgt Ion:105 Resp: 588564

Ion Ratio Lower Upper

105 100

120 49.4 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 28.778 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024556.D

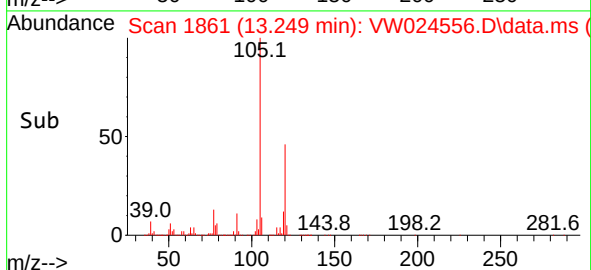
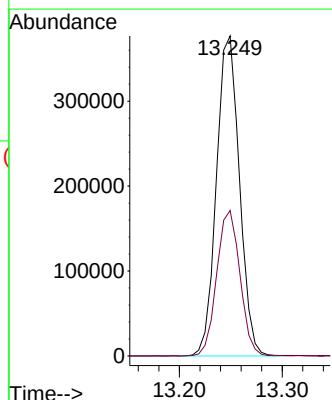
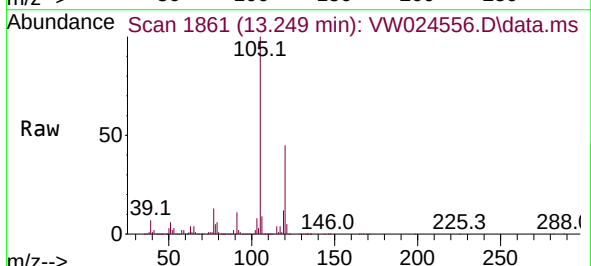
Acq: 06 Sep 2022 13:28

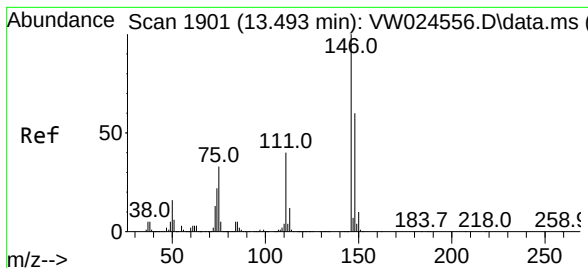
Tgt Ion:105 Resp: 584121

Ion Ratio Lower Upper

105 100

120 45.9 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 27.994 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025433

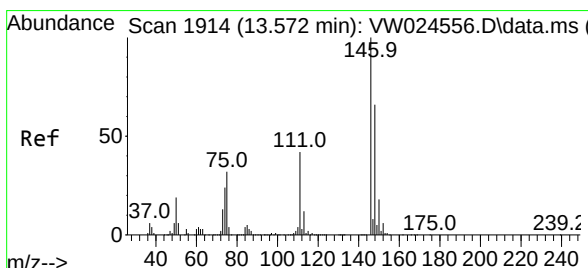
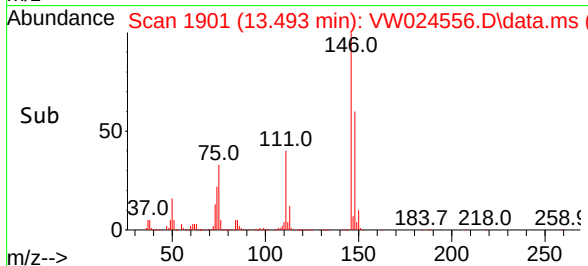
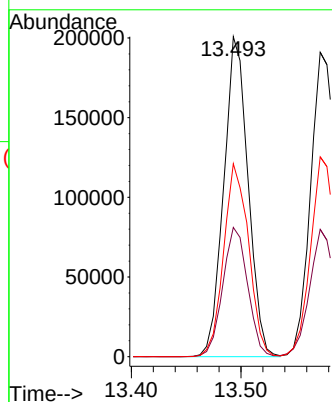
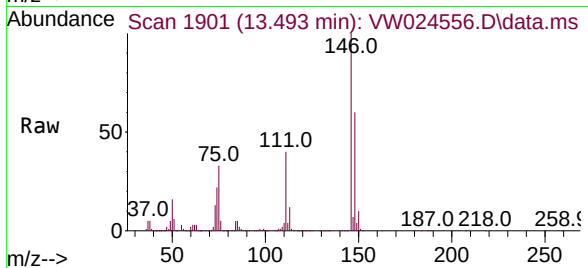
Tgt Ion:146 Resp: 309778

Ion Ratio Lower Upper

146 100

111 40.4 28.3 52.5

148 60.3 42.2 78.4



#65

1,4-Dichlorobenzene

Concen: 26.877 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

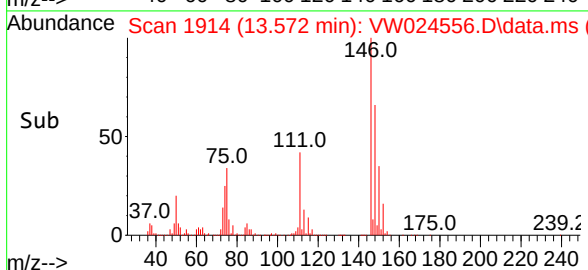
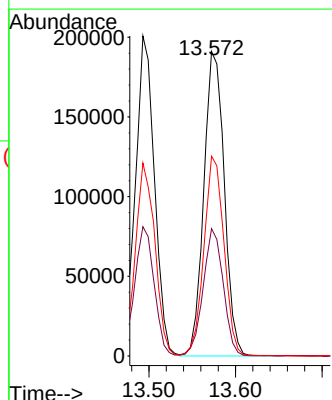
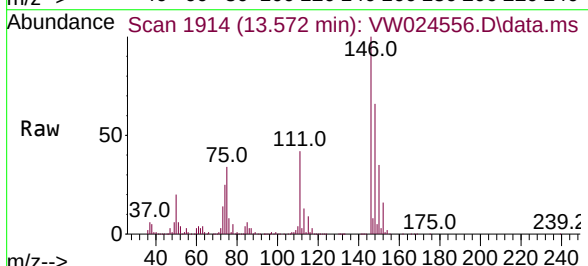
Tgt Ion:146 Resp: 313492

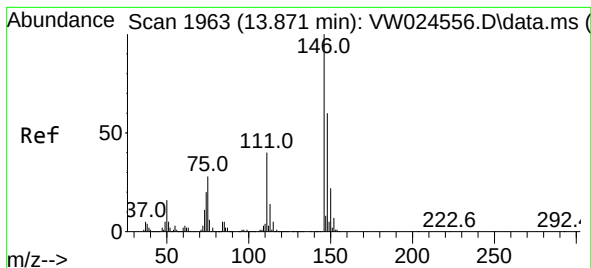
Ion Ratio Lower Upper

146 100

111 41.8 29.3 54.3

148 65.6 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 27.083 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025433

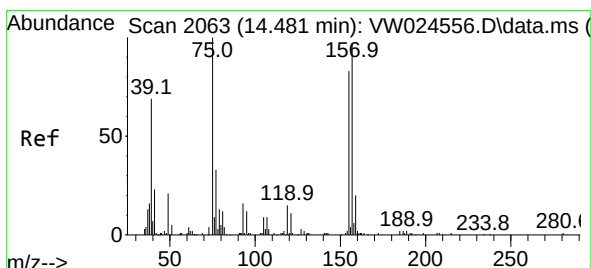
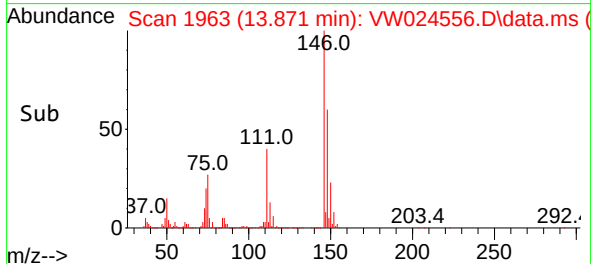
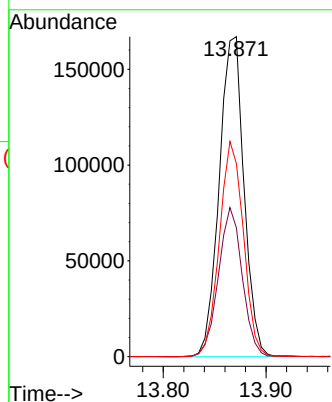
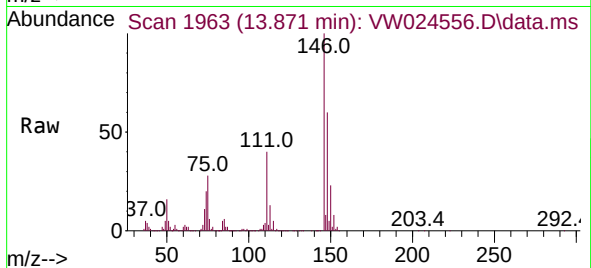
Tgt Ion:146 Resp: 279479

Ion Ratio Lower Upper

146 100

111 40.3 32.2 48.4

148 60.4 48.3 72.5



#68

1,2-Dibromo-3-chloropropane

Concen: 24.798 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

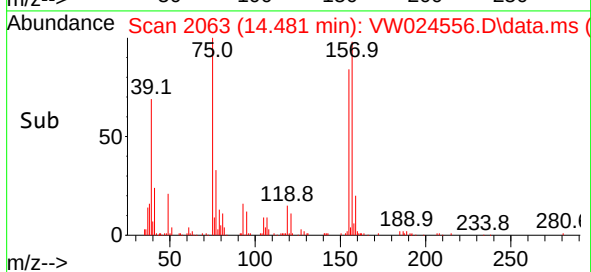
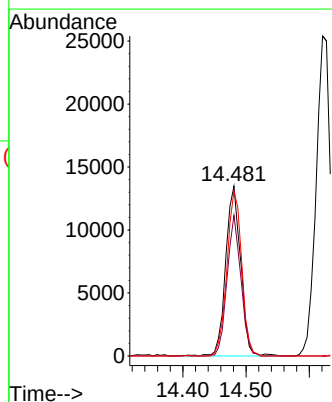
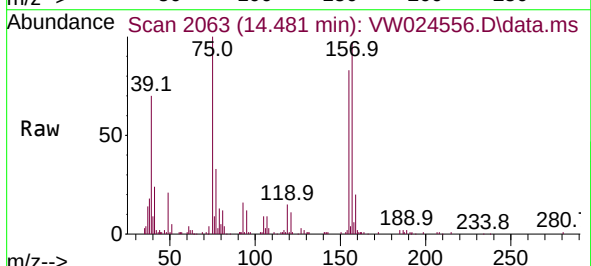
Tgt Ion: 75 Resp: 22018

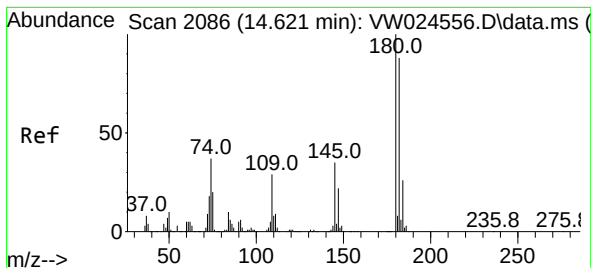
Ion Ratio Lower Upper

75 100

155 82.9 66.3 99.5

157 97.0 77.6 116.4





#69

1,3,5-Trichlorobenzene

Concen: 27.989 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025433

Tgt Ion:180 Resp: 201168

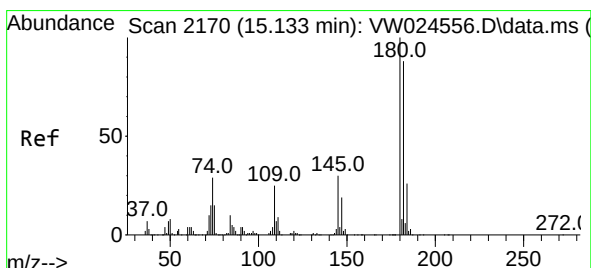
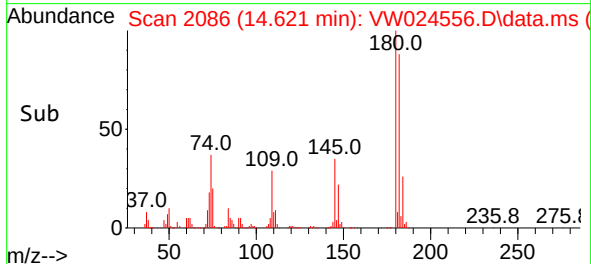
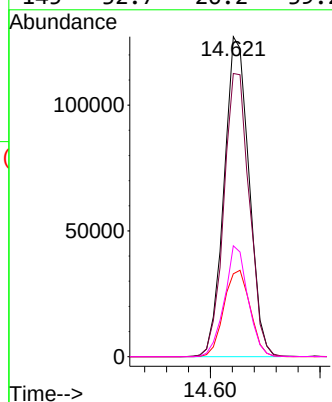
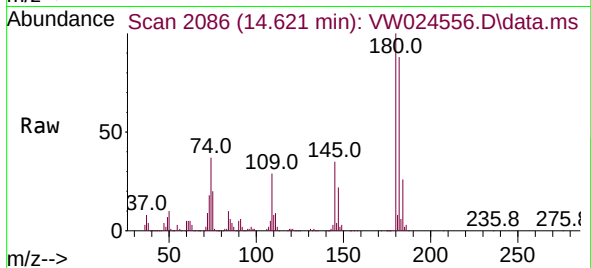
Ion Ratio Lower Upper

180 100

182 90.5 72.4 108.6

184 28.5 22.8 34.2

145 32.7 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 27.943 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

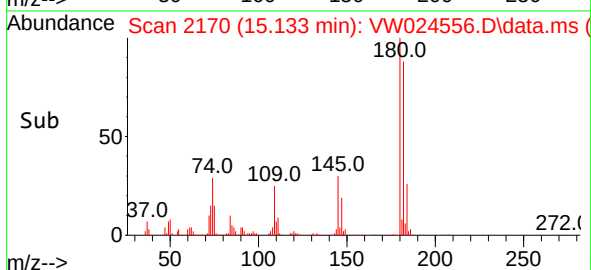
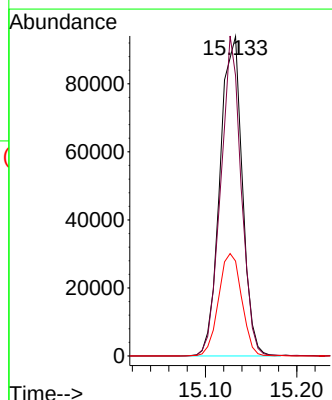
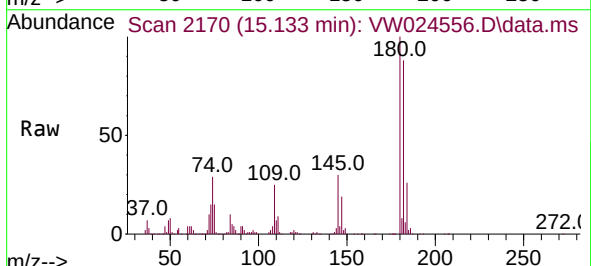
Tgt Ion:180 Resp: 159366

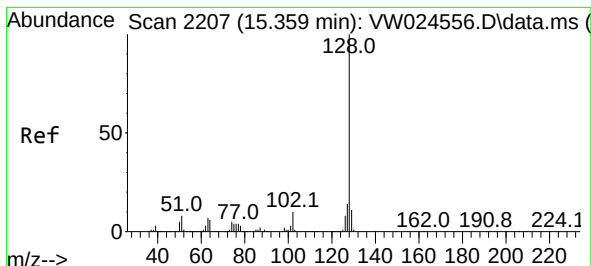
Ion Ratio Lower Upper

180 100

182 92.2 73.8 110.6

145 33.2 26.6 39.8





#71

Naphthalene

Concen: 28.741 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025433

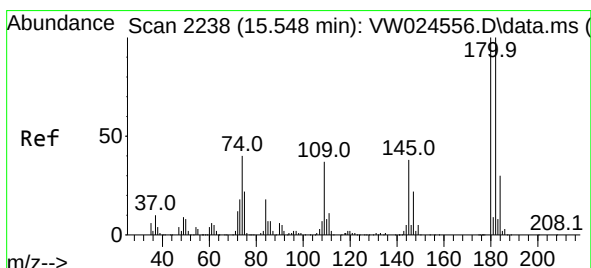
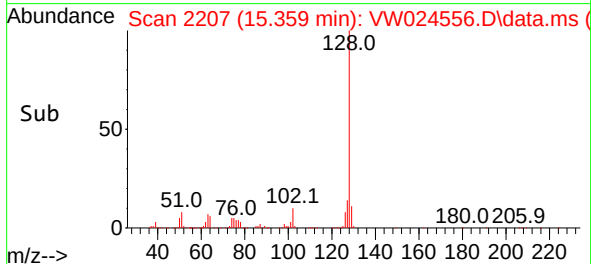
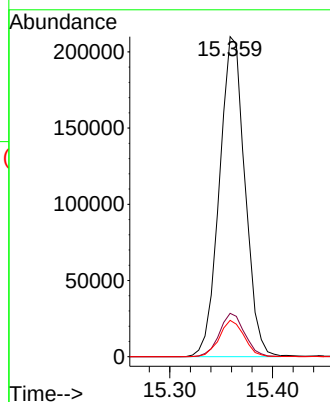
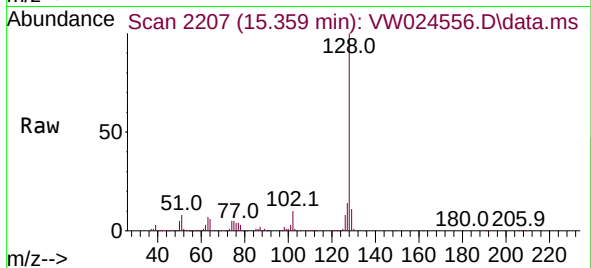
Tgt Ion:128 Resp: 362654

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 26.727 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024556.D

Acq: 06 Sep 2022 13:28

Tgt Ion:180 Resp: 141814

Ion Ratio Lower Upper

180 100

182 98.4 78.7 118.1

145 35.1 28.1 42.1

