

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072522\
 Data File : VW024063.D
 Acq On : 25 Jul 2022 10:09
 Operator : SY/VA
 Sample : VSTD100460
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100460

Quant Time: Jul 26 00:20:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 26 00:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	288881	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	301933	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	182692	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	610159	98.537	ug/L	0.00
7) Chloroethane-d5	2.867	69	404564	96.696	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	569561	104.461	ug/L	0.00
21) 2-Butanone-d5	7.080	46	225858	204.773	ug/L	0.00
24) Chloroform-d	7.647	84	770709	97.043	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	438363	96.073	ug/L	0.00
32) Benzene-d6	8.275	84	1507979	107.516	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	443932	100.347	ug/L	0.00
41) Toluene-d8	10.323	98	1540431	109.820	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	216388	110.318	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	221082	239.041	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	482356	94.496	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	583958	98.698	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	258234	119.254	ug/L	93
3) Chloromethane	2.215	50	573522	103.541	ug/L	99
5) Vinyl chloride	2.349	62	767886	88.944	ug/L	100
6) Bromomethane	2.757	94	371813	77.985	ug/L	94
8) Chloroethane	2.904	64	362223	95.376	ug/L	95
9) Trichlorofluoromethane	3.239	101	330827	82.314	ug/L	99
12) 1,1-Dichloroethene	4.032	96	317140	103.948	ug/L	92
13) Acetone	4.123	43	132077	170.454	ug/L	97
14) Carbon disulfide	4.379	76	953156	101.715	ug/L	98
15) Methyl Acetate	4.672	43	181824	96.518	ug/L	97
16) Methylene chloride	4.916	84	355443	80.808	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	394506	105.683	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	614423	111.040	ug/L	98
19) 1,1-Dichloroethane	6.208	63	687363	97.484	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	455578	111.141	ug/L	98
22) 2-Butanone	7.171	43	268750	214.410	ug/L	99
23) Bromochloromethane	7.513	128	212833	100.893	ug/L	95
25) Chloroform	7.671	83	797814	97.786	ug/L	100
27) 1,2-Dichloroethane	8.397	62	551532	94.884	ug/L	99
29) Cyclohexane	7.952	56	654138	117.586	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	659211	97.676	ug/L	98
31) Carbon tetrachloride	8.067	117	616780	99.142	ug/L	98
33) Benzene	8.323	78	1797511	103.053	ug/L	100
34) Trichloroethene	9.085	95	468023	101.328	ug/L	97
35) Methylcyclohexane	9.329	83	799750	113.942	ug/L	98
37) 1,2-Dichloropropane	9.366	63	433531	98.311	ug/L	100
38) Bromodichloromethane	9.640	83	632160	100.547	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	741104	115.352	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	663493	216.226	ug/L	97
42) Toluene	10.384	91	2123642	107.638	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	692852	113.876	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	389801	101.187	ug/L	96

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 Response via : Initial Calibration

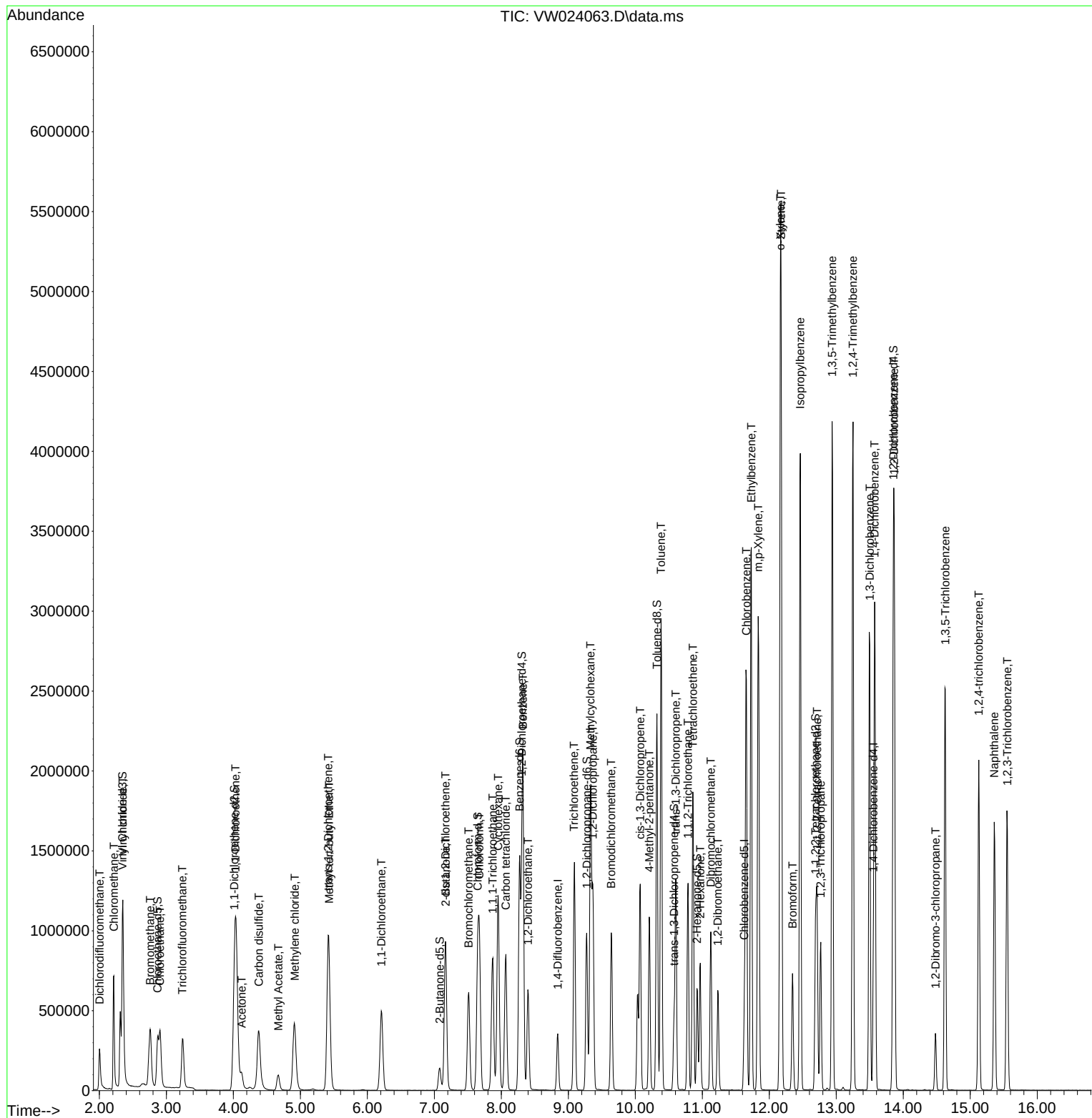
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.860	164	384096	106.250	ug/L	93
48) 2-Hexanone	10.969	43	476825	214.427	ug/L	95
49) Dibromochloromethane	11.128	129	500449	111.181	ug/L	99
50) 1,2-Dibromoethane	11.231	107	394812	104.678	ug/L #	93
51) Chlorobenzene	11.658	112	1399568	105.404	ug/L	95
52) Ethylbenzene	11.731	91	2424772	111.520	ug/L	99
53) m,p-Xylene	11.835	106	971962	115.170	ug/L	96
54) o-Xylene	12.164	106	964577	119.517	ug/L	96
55) Styrene	12.176	104	1720374	118.986	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	521658	97.705	ug/L	98
59) Bromoform	12.347	173	308825	109.361	ug/L	99
60) Isopropylbenzene	12.463	105	2592873	112.049	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	366740	89.310	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	2219322	119.209	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	2209856	117.279	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	1160474	104.853	ug/L	100
65) 1,4-Dichlorobenzene	13.573	146	1145704	97.516	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	1074811	103.822	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	82766	90.204	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	767081	108.685	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	593886	111.053	ug/L	93
71) Naphthalene	15.359	128	1386921	121.199	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	561956	111.712	ug/L	98

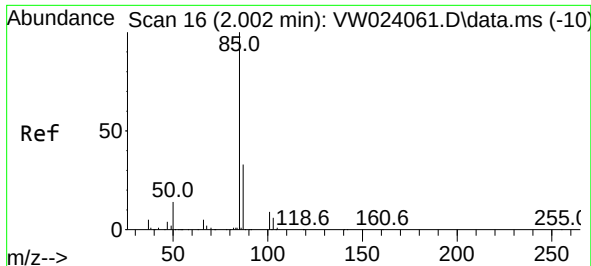
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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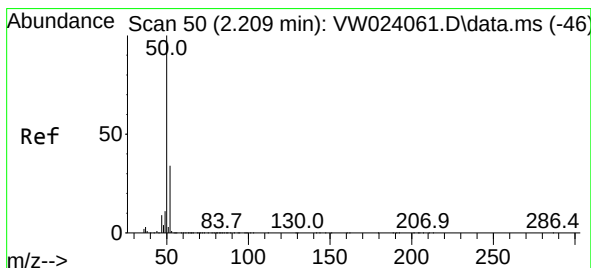
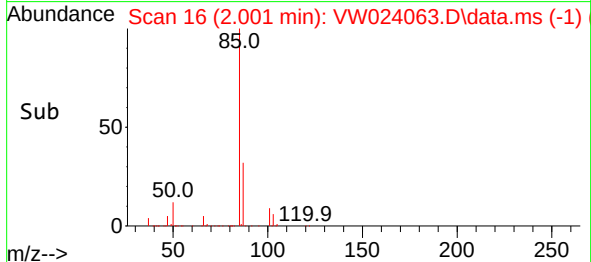
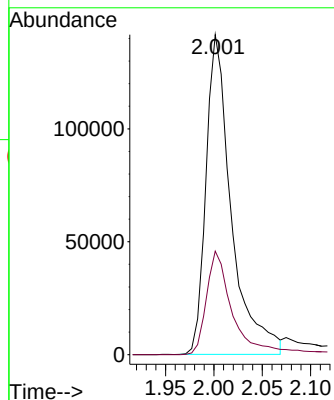
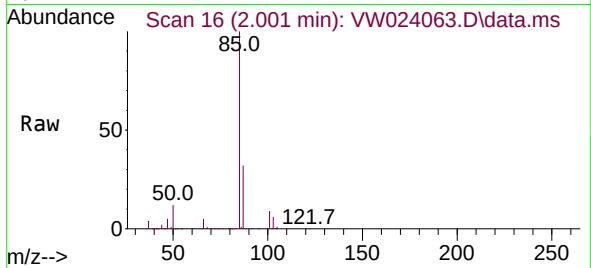




#2
Dichlorodifluoromethane
Concen: 119.254 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

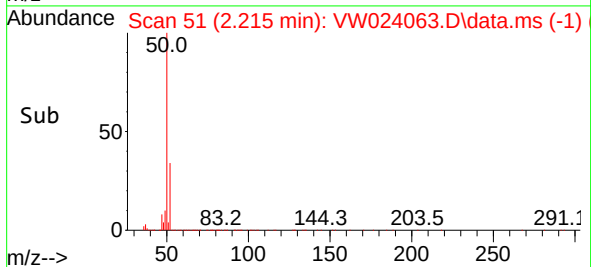
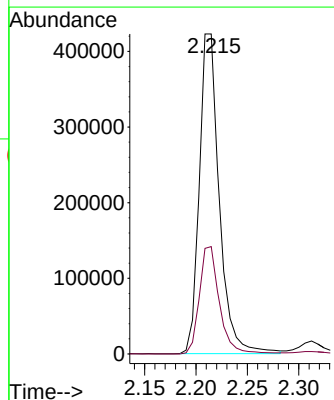
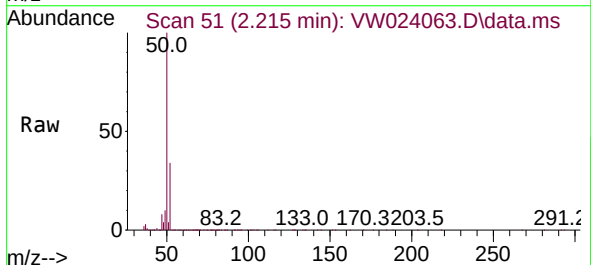
Instrument :
MSVOA_W
ClientSampleId :
VSTD100460

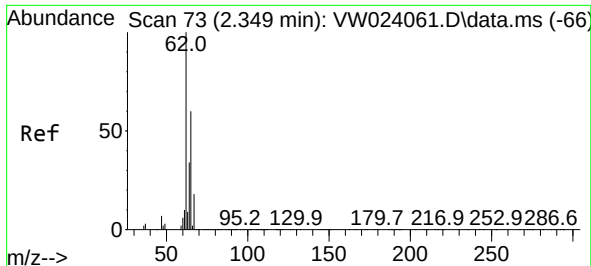
Tgt Ion: 85 Resp: 258234
Ion Ratio Lower Upper
85 100
87 34.2 24.2 36.2



#3
Chloromethane
Concen: 103.541 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

Tgt Ion: 50 Resp: 573522
Ion Ratio Lower Upper
50 100
52 33.6 23.9 44.5

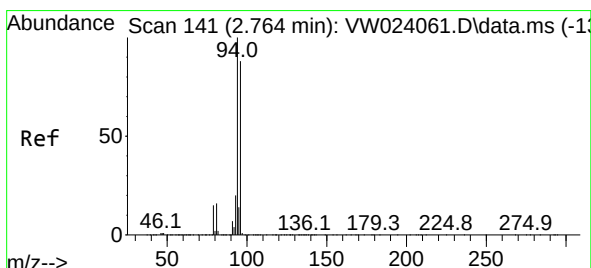
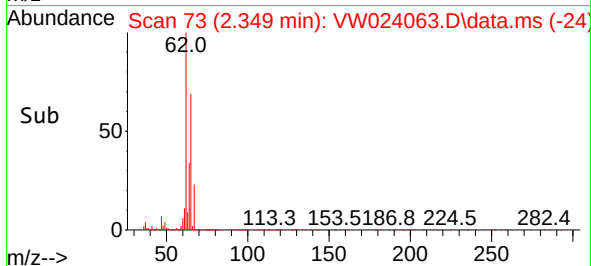
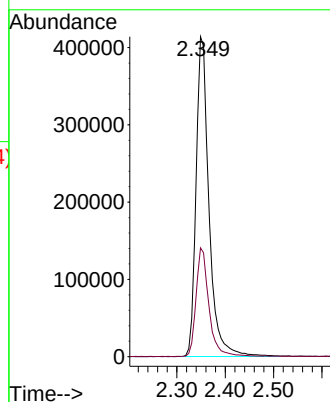
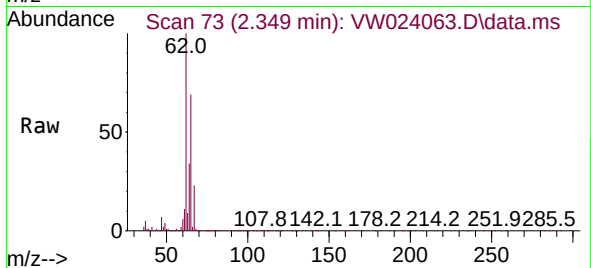




#5
 Vinyl chloride
 Concen: 88.944 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW024063.D
 Acq: 25 Jul 2022 10:09

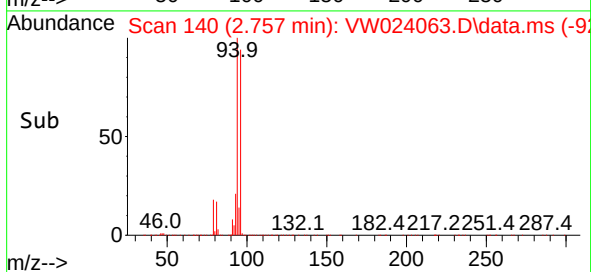
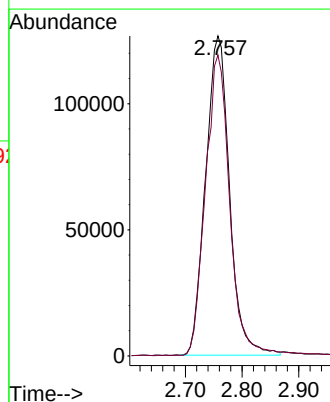
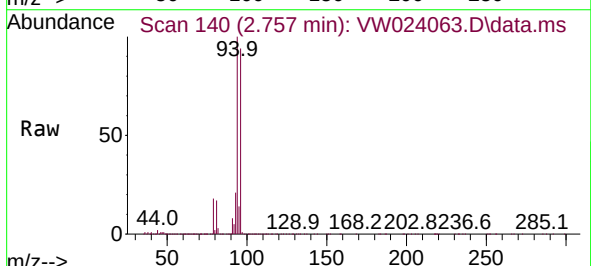
Instrument :
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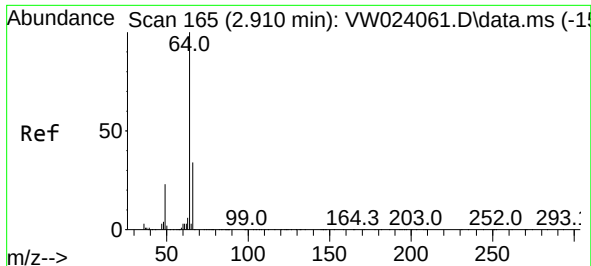
Tgt Ion: 62 Resp: 767886
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.9 44.3



#6
 Bromomethane
 Concen: 77.985 ug/L
 RT: 2.757 min Scan# 140
 Delta R.T. -0.006 min
 Lab File: VW024063.D
 Acq: 25 Jul 2022 10:09

Tgt Ion: 94 Resp: 371813
 Ion Ratio Lower Upper
 94 100
 96 94.0 61.9 114.9

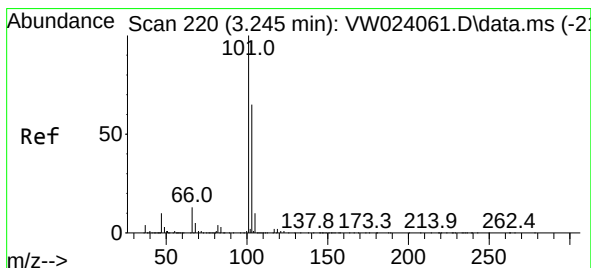
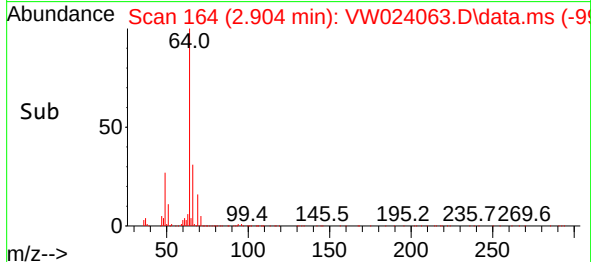
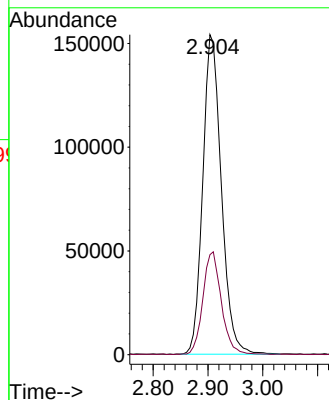
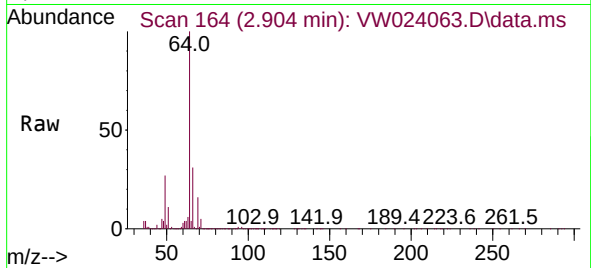




#8
Chloroethane
Concen: 95.376 ug/L
RT: 2.904 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

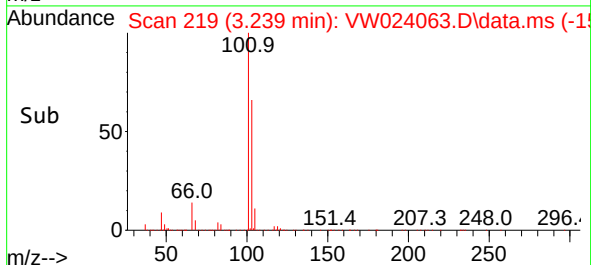
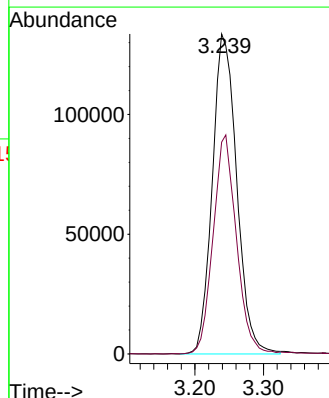
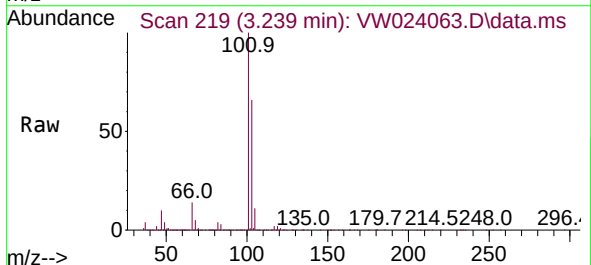
Instrument :
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ClientSampleId :
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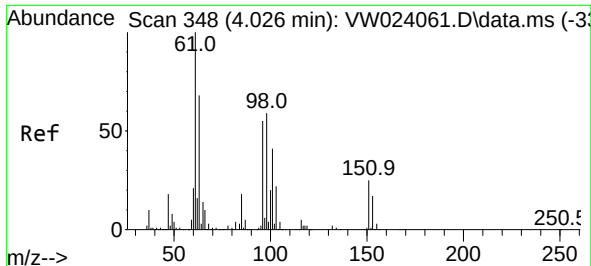
Tgt Ion: 64 Resp: 362223
Ion Ratio Lower Upper
64 100
66 31.2 23.9 44.3



#9
Trichlorofluoromethane
Concen: 82.314 ug/L
RT: 3.239 min Scan# 219
Delta R.T. -0.006 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

Tgt Ion: 101 Resp: 330827
Ion Ratio Lower Upper
101 100
103 65.0 52.4 78.6





#12

1,1-Dichloroethene

Concen: 103.948 ug/L

RT: 4.032 min Scan# 34

Delta R.T. 0.006 min

Lab File: VW024063.D

Acq: 25 Jul 2022 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD100460

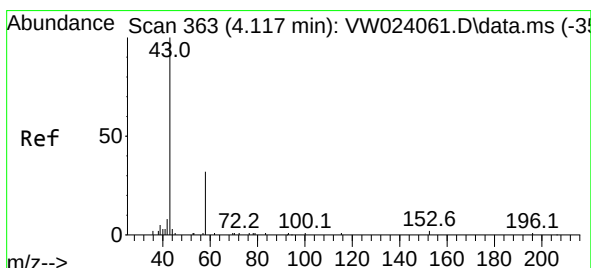
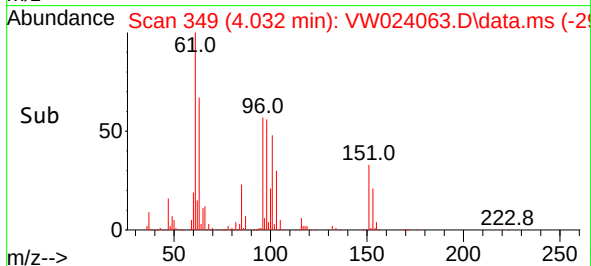
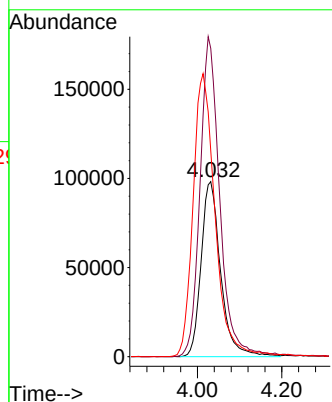
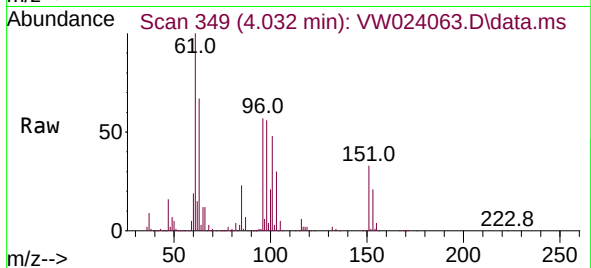
Tgt Ion: 96 Resp: 317140

Ion Ratio Lower Upper

96 100

61 176.2 128.4 238.4

63 117.6 93.1 172.9



#13

Acetone

Concen: 170.454 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.006 min

Lab File: VW024063.D

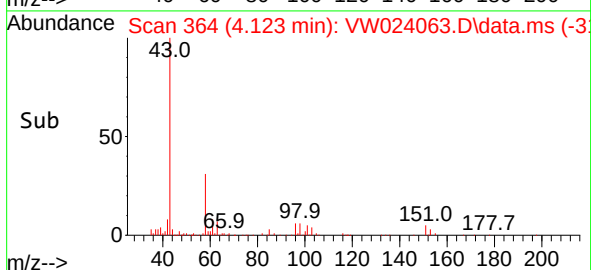
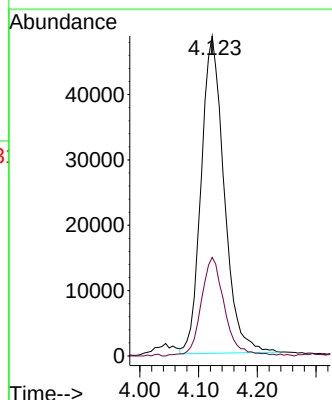
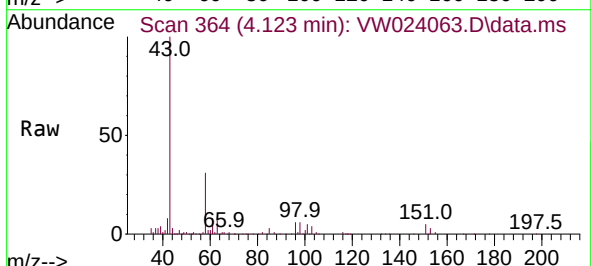
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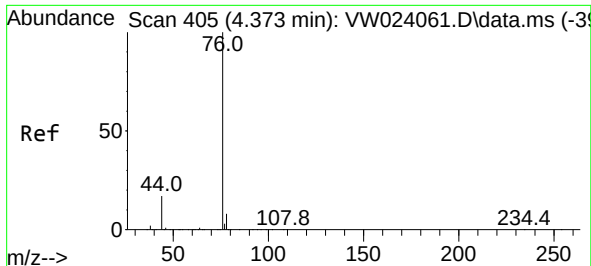
Tgt Ion: 43 Resp: 132077

Ion Ratio Lower Upper

43 100

58 31.6 0.0 60.0

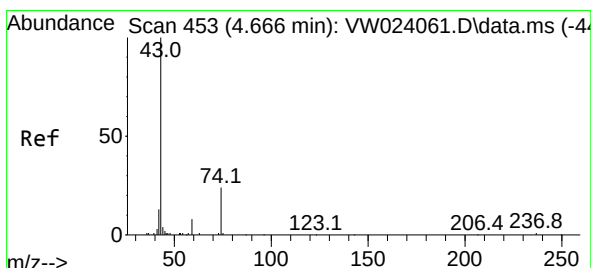
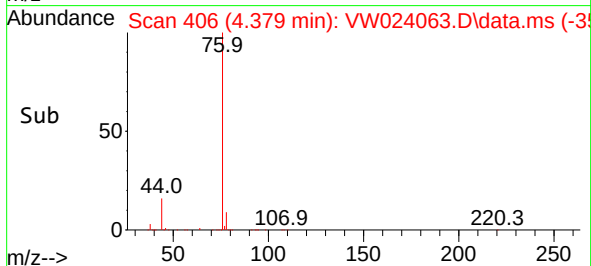
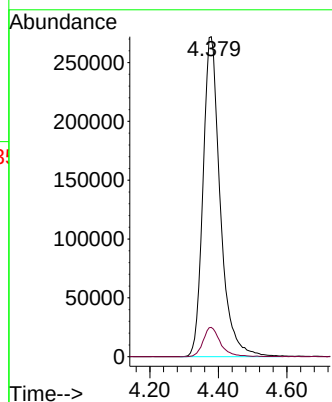
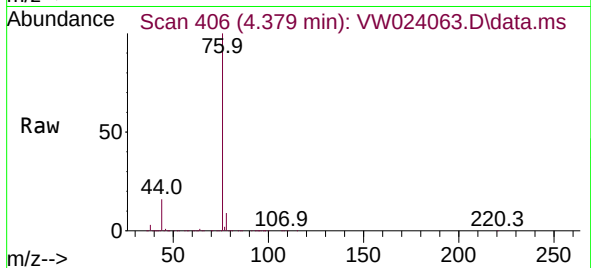




#14
Carbon disulfide
Concen: 101.715 ug/L
RT: 4.379 min Scan# 405
Delta R.T. 0.006 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

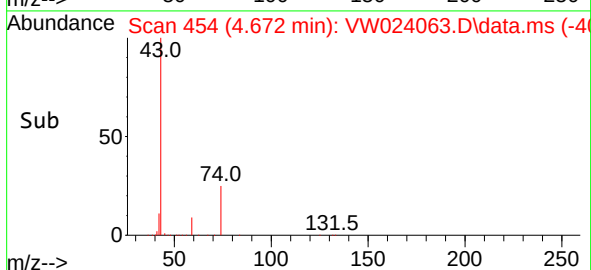
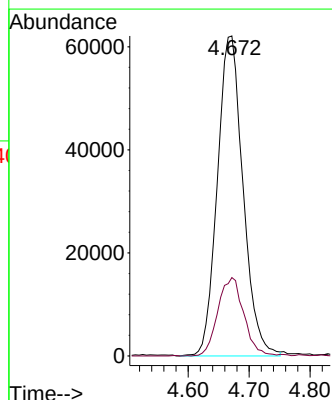
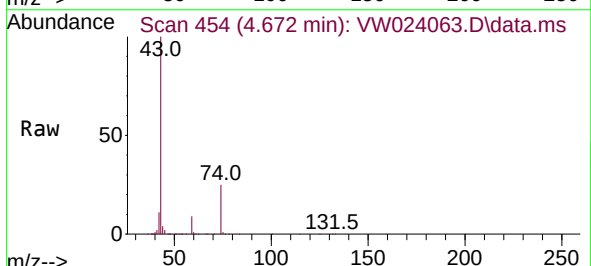
Instrument :
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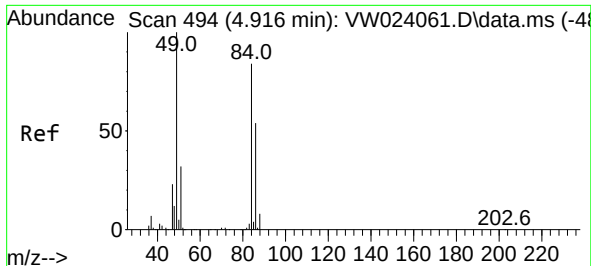
Tgt Ion: 76 Resp: 953156
Ion Ratio Lower Upper
76 100
78 9.2 6.6 10.0



#15
Methyl Acetate
Concen: 96.518 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

Tgt Ion: 43 Resp: 181824
Ion Ratio Lower Upper
43 100
74 24.6 21.1 31.7

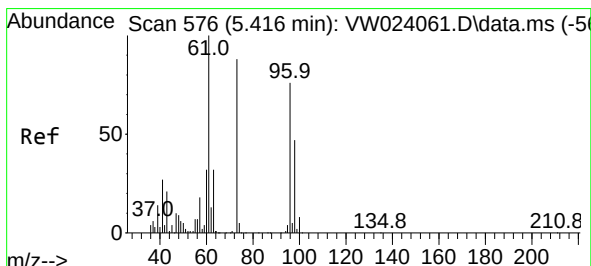
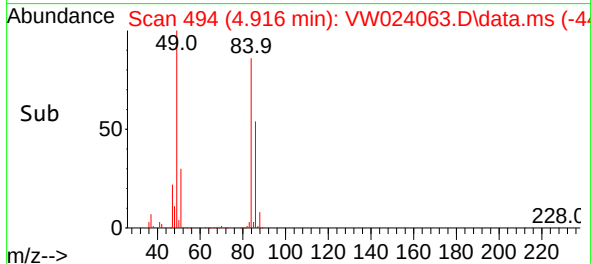
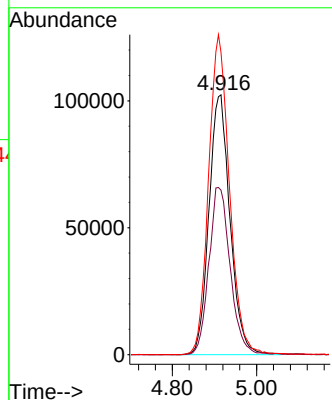
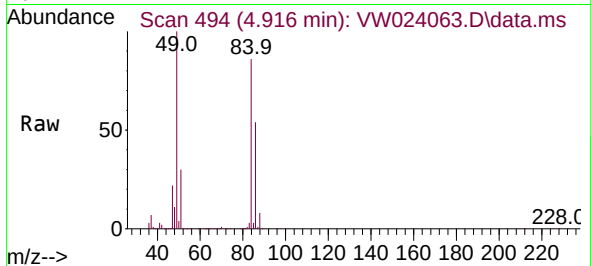




#16
Methylene chloride
Concen: 80.808 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

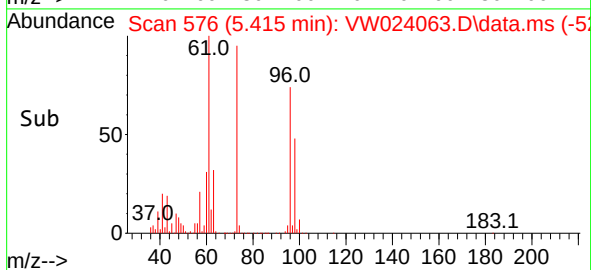
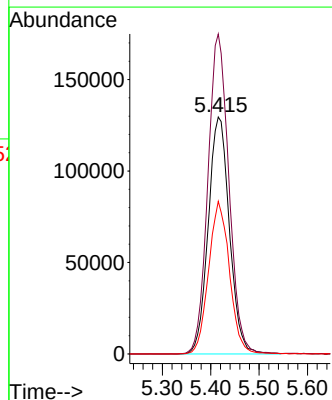
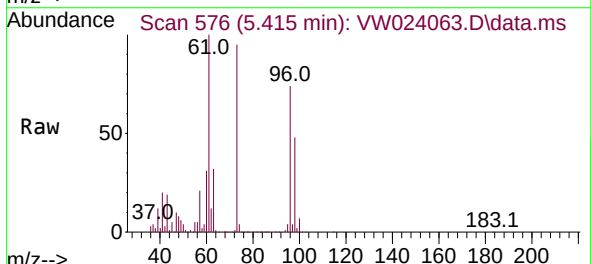
Instrument :
MSVOA_W
ClientSampleId :
VSTD100460

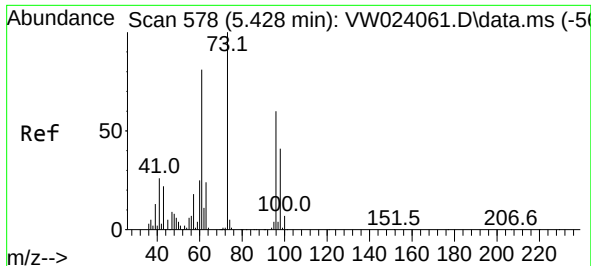
Tgt Ion: 84 Resp: 355443
Ion Ratio Lower Upper
84 100
86 63.3 44.7 83.1
49 116.3 83.7 155.4



#17
trans-1,2-Dichloroethene
Concen: 105.683 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

Tgt Ion: 96 Resp: 394506
Ion Ratio Lower Upper
96 100
61 135.0 92.7 172.1
98 64.4 44.1 81.9

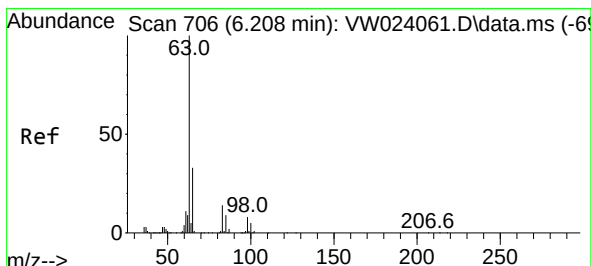
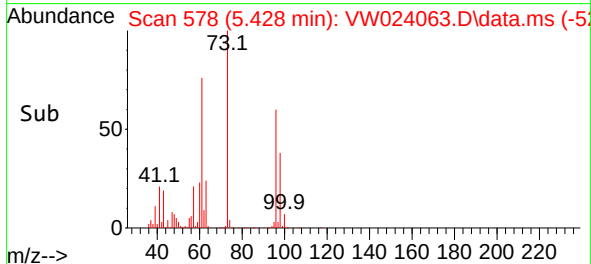
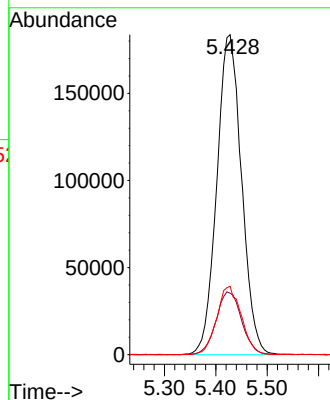
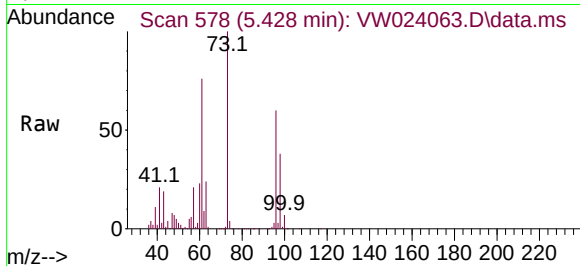




#18
Methyl tert-butyl Ether
Concen: 111.040 ug/L
RT: 5.428 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

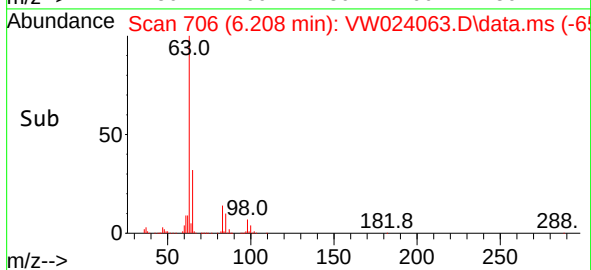
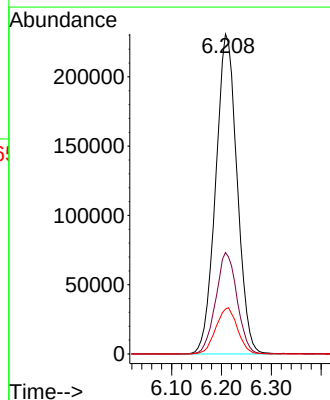
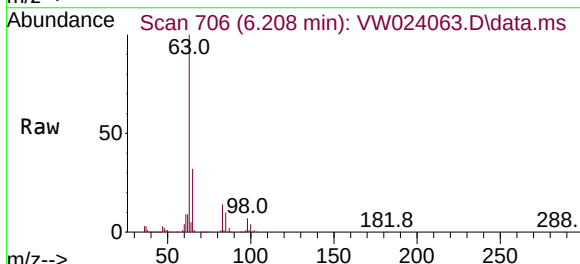
Instrument :
MSVOA_W
ClientSampleId :
VSTD100460

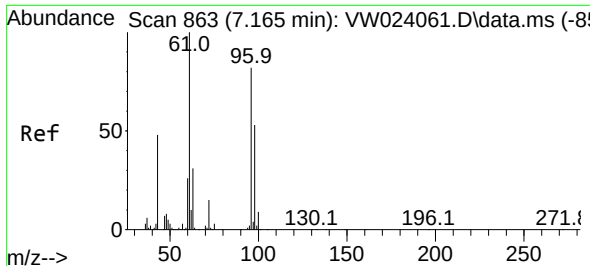
Tgt Ion: 73 Resp: 614423
Ion Ratio Lower Upper
73 100
43 20.0 17.3 25.9
57 21.2 16.6 25.0



#19
1,1-Dichloroethane
Concen: 97.484 ug/L
RT: 6.208 min Scan# 706
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

Tgt Ion: 63 Resp: 687363
Ion Ratio Lower Upper
63 100
65 31.7 23.4 43.4
83 14.0 9.7 17.9



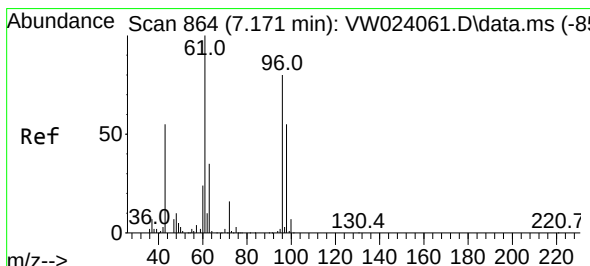
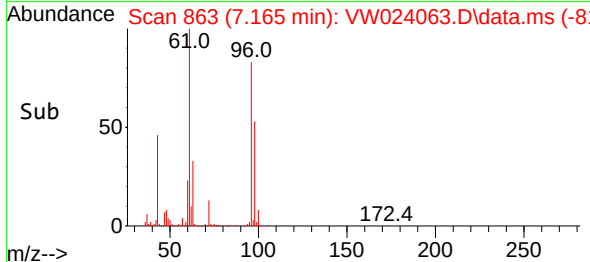
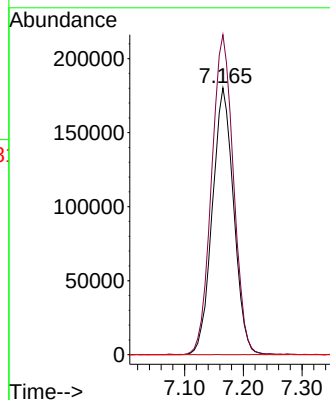
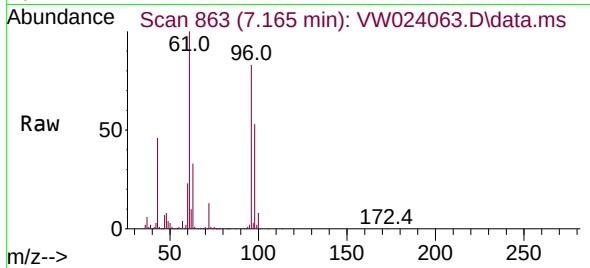


#20
 cis-1,2-Dichloroethene
 Concen: 111.141 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VW024063.D
 Acq: 25 Jul 2022 10:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100460

Tgt Ion: 96 Resp: 455578

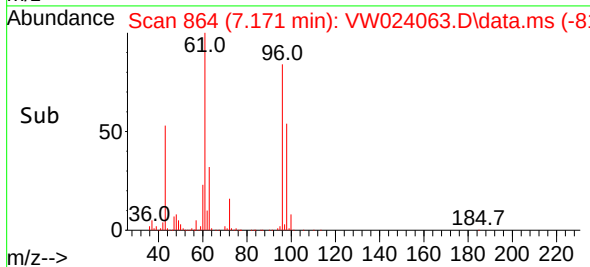
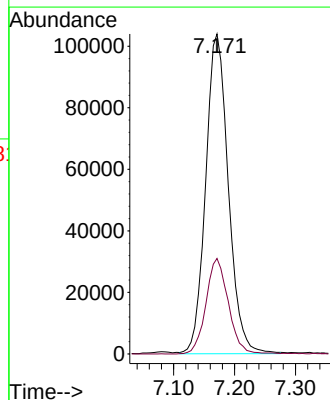
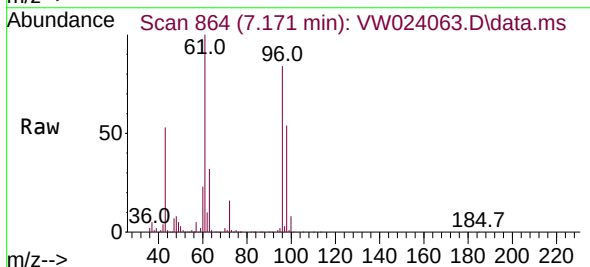
Ion	Ratio	Lower	Upper
96	100		
61	119.9	85.3	158.3
68	0.0	0.0	0.0

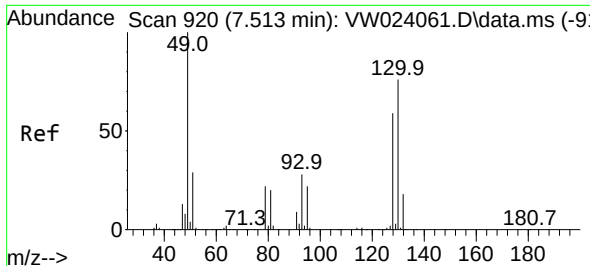


#22
 2-Butanone
 Concen: 214.410 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW024063.D
 Acq: 25 Jul 2022 10:09

Tgt Ion: 43 Resp: 268750

Ion	Ratio	Lower	Upper
43	100		
72	29.3	15.0	45.0

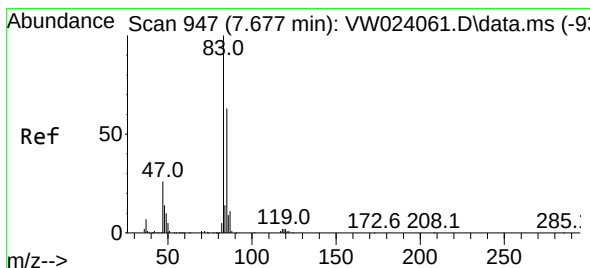
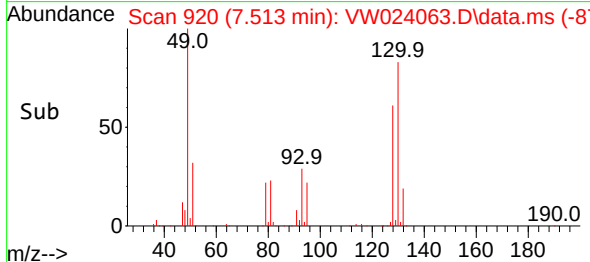
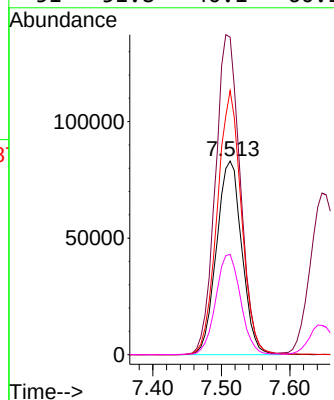
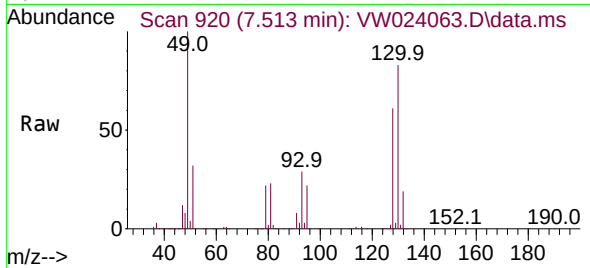




#23
Bromochloromethane
Concen: 100.893 ug/L
RT: 7.513 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

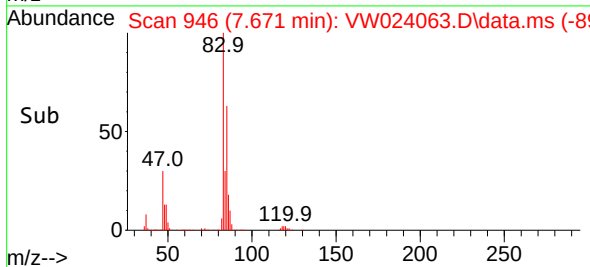
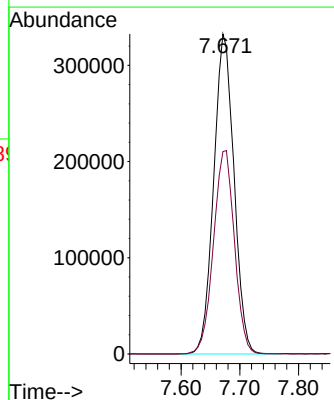
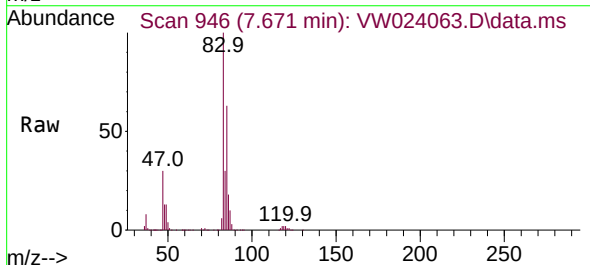
Instrument :
MSVOA_W
ClientSampleId :
VSTD100460

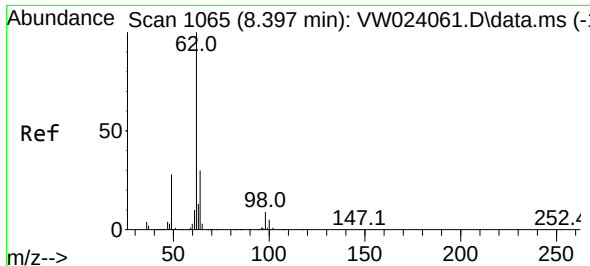
Tgt Ion:128 Resp: 212833
Ion Ratio Lower Upper
128 100
49 164.1 119.8 222.4
130 136.4 90.7 168.5
51 51.8 40.1 60.1



#25
Chloroform
Concen: 97.786 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

Tgt Ion: 83 Resp: 797814
Ion Ratio Lower Upper
83 100
85 63.2 44.1 81.9





#27

1,2-Dichloroethane

Concen: 94.884 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW024063.D

Acq: 25 Jul 2022 10:09

Instrument :

MSVOA_W

ClientSampleId :

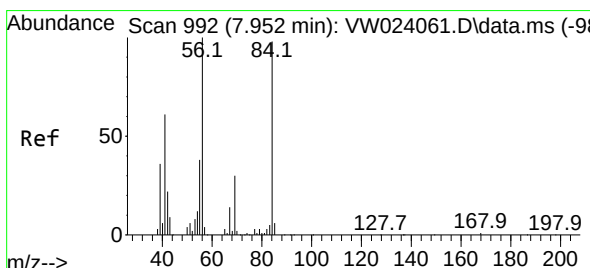
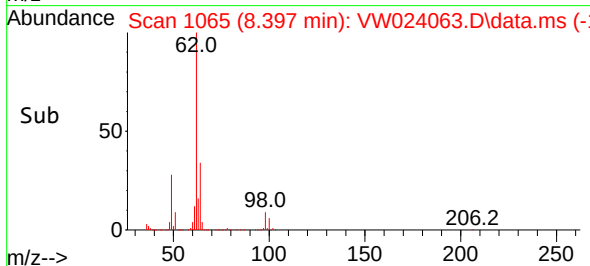
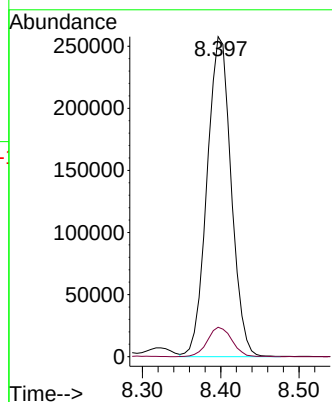
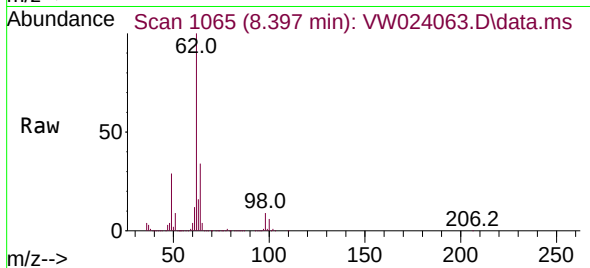
VSTD100460

Tgt Ion: 62 Resp: 551532

Ion Ratio Lower Upper

62 100

98 9.2 7.1 10.7



#29

Cyclohexane

Concen: 117.586 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024063.D

Acq: 25 Jul 2022 10:09

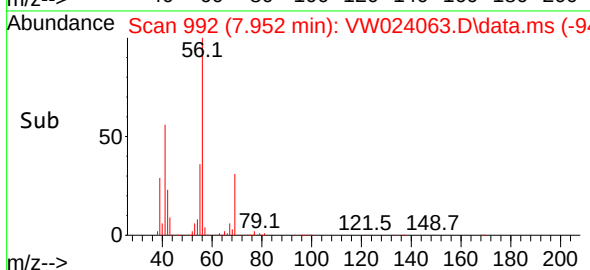
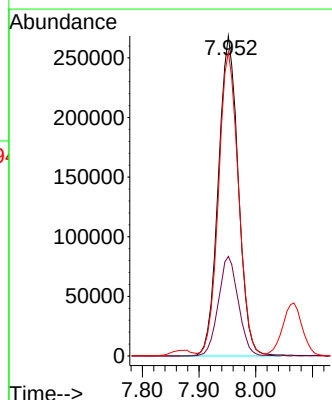
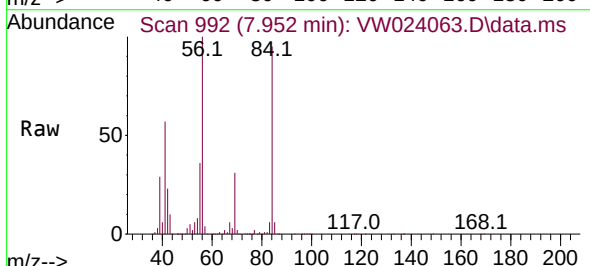
Tgt Ion: 56 Resp: 654138

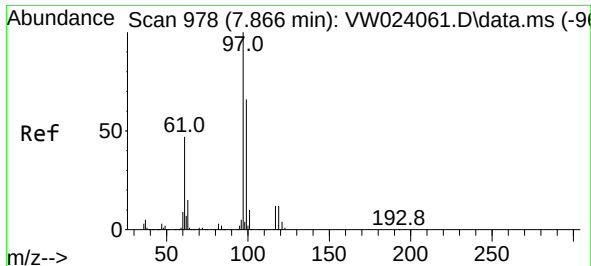
Ion Ratio Lower Upper

56 100

69 31.2 24.1 36.1

84 95.1 76.2 114.4

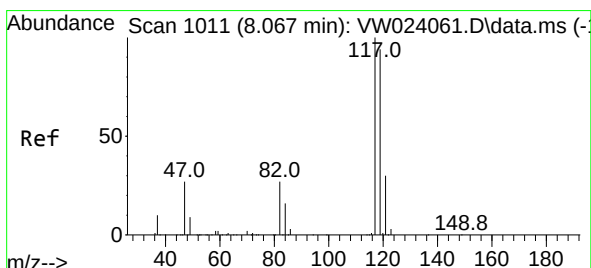
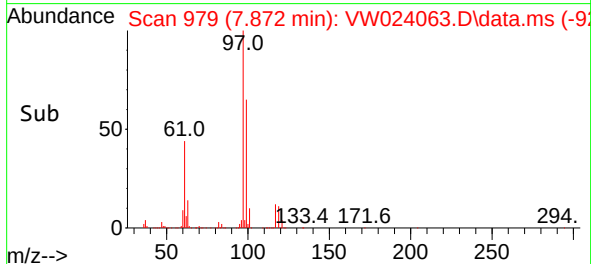
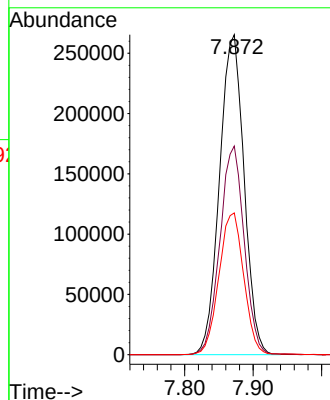
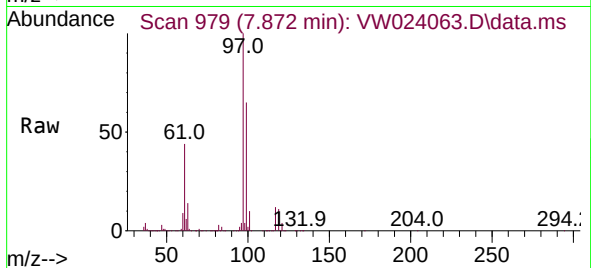




#30
1,1,1-Trichloroethane
Concen: 97.676 ug/L
RT: 7.872 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

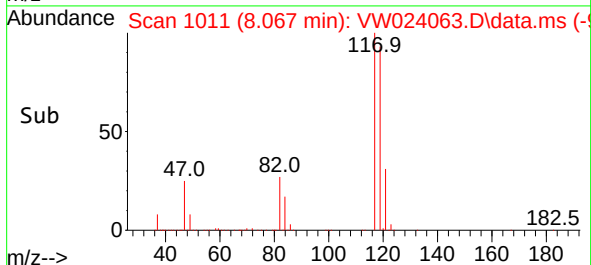
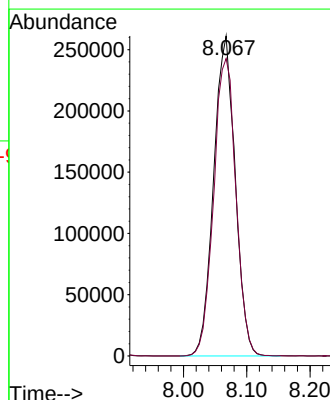
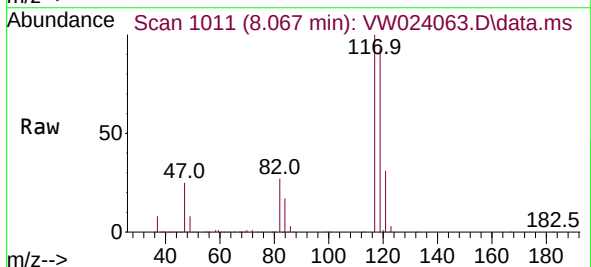
Instrument :
MSVOA_W
ClientSampleId :
VSTD100460

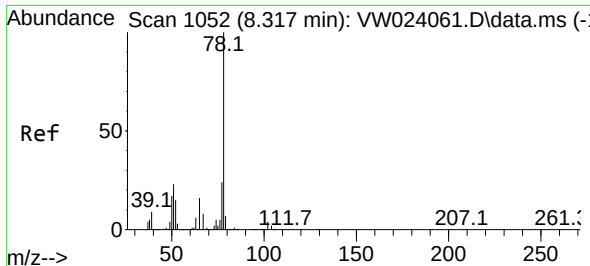
Tgt Ion: 97 Resp: 659211
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 44.8 37.8 56.6



#31
Carbon tetrachloride
Concen: 99.142 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

Tgt Ion: 117 Resp: 616780
Ion Ratio Lower Upper
117 100
119 96.0 75.0 112.4

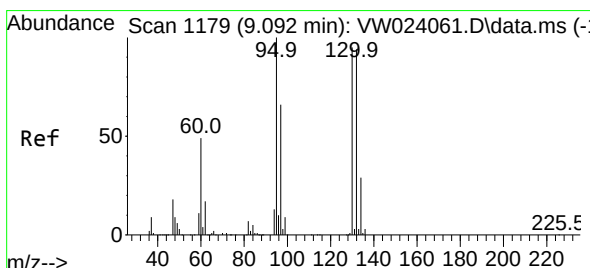
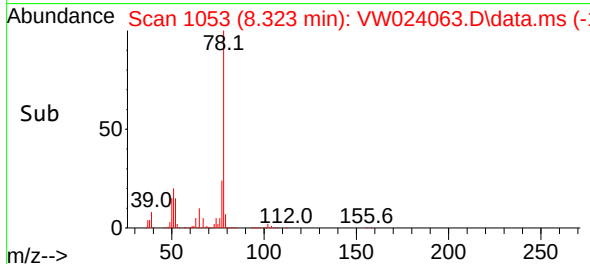
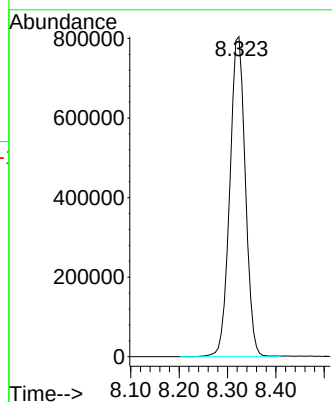
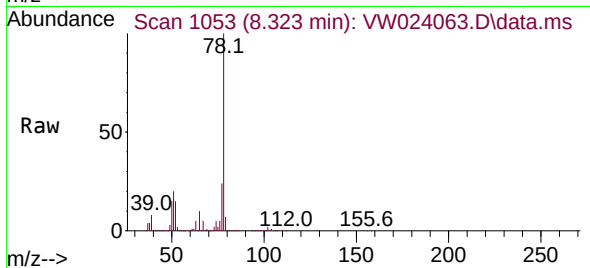




#33
Benzene
Concen: 103.053 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

Instrument :
MSVOA_W
ClientSampleId :
VSTD100460

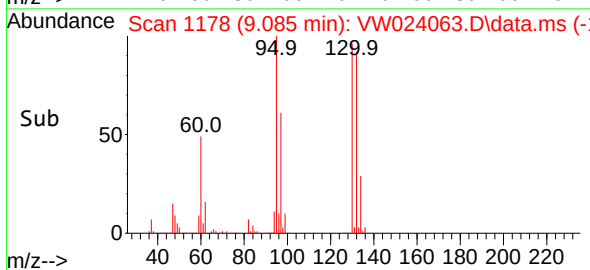
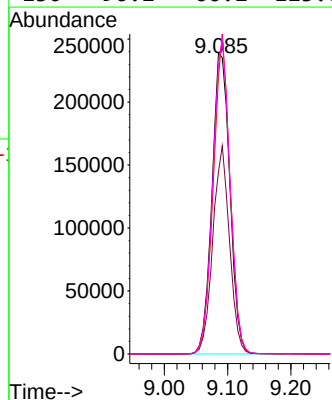
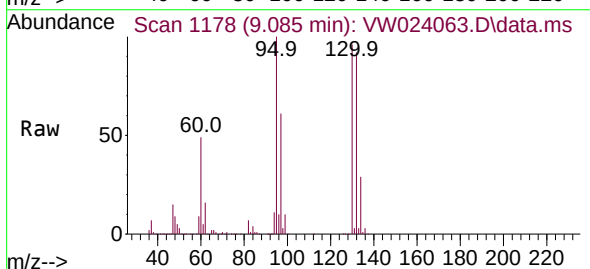
Tgt Ion: 78 Resp: 1797511

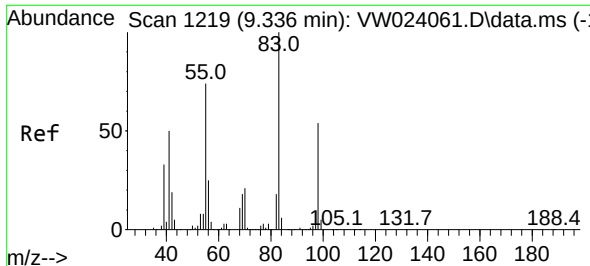


#34
Trichloroethene
Concen: 101.328 ug/L
RT: 9.085 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

Tgt Ion: 95 Resp: 468023

Ion	Ratio	Lower	Upper
95	100		
97	60.6	46.5	86.3
132	92.2	65.8	122.2
130	96.2	66.2	123.0

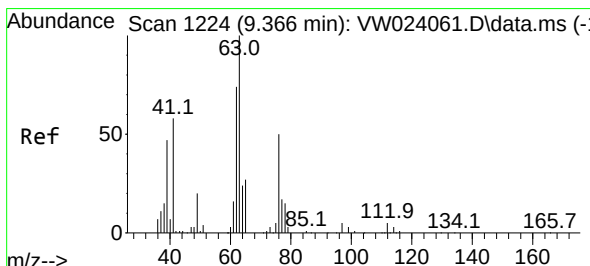
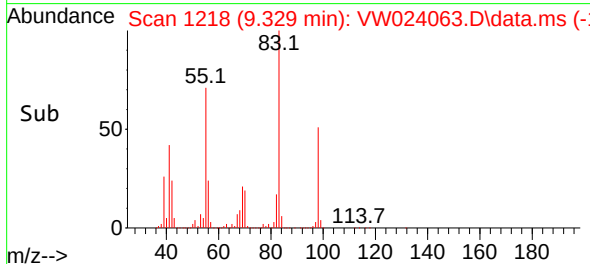
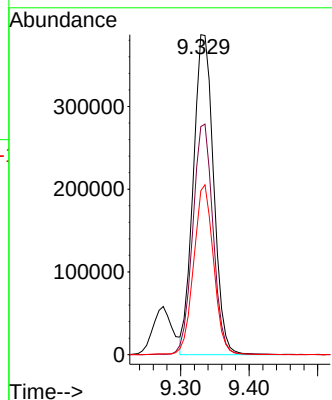
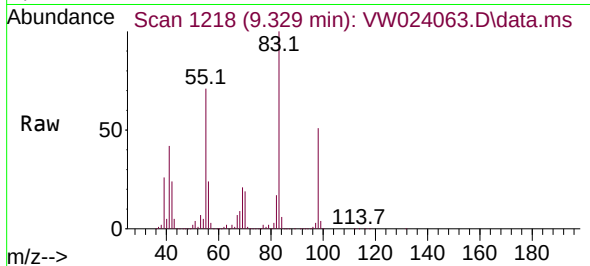




#35
Methylcyclohexane
Concen: 113.942 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

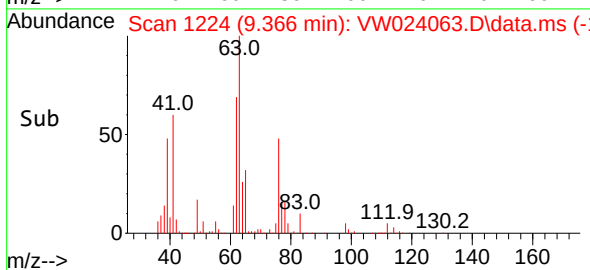
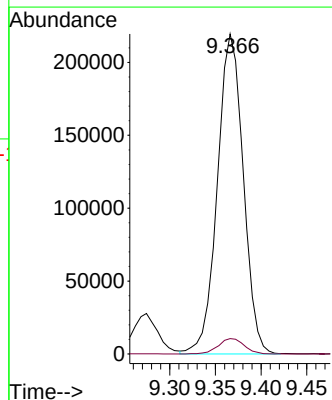
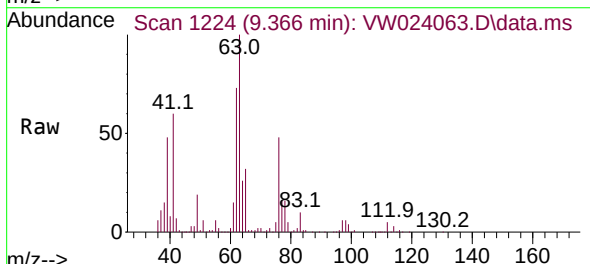
Instrument :
MSVOA_W
ClientSampleId :
VSTD100460

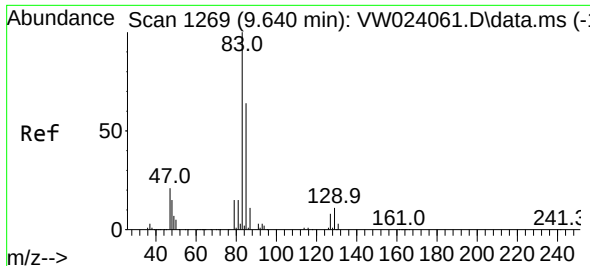
Tgt Ion: 83 Resp: 799750
Ion Ratio Lower Upper
83 100
55 71.3 57.3 85.9
98 51.4 38.9 58.3



#37
1,2-Dichloropropane
Concen: 98.311 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

Tgt Ion: 63 Resp: 433531
Ion Ratio Lower Upper
63 100
112 4.8 3.9 5.9

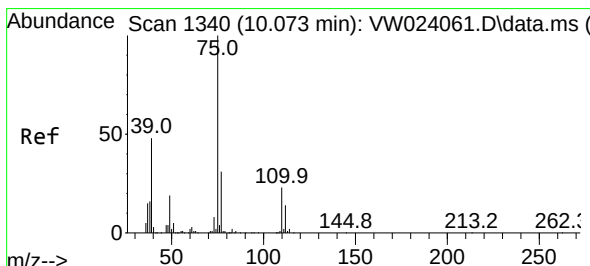
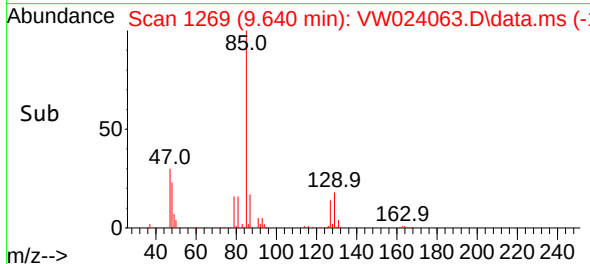
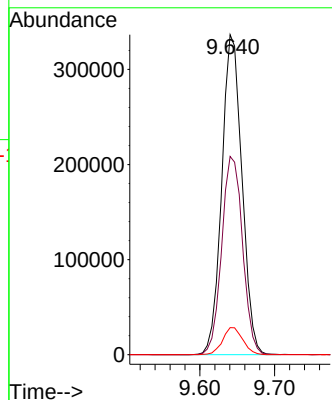
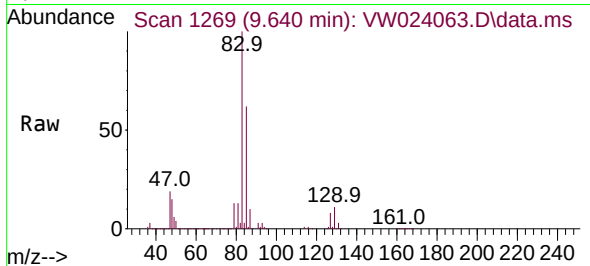




#38
Bromodichloromethane
Concen: 100.547 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

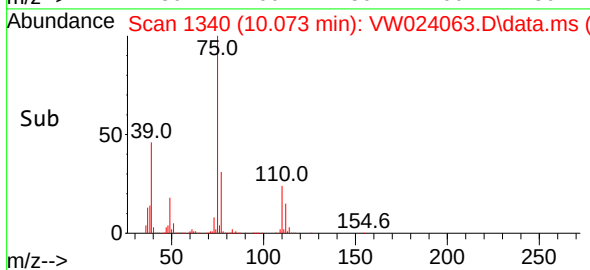
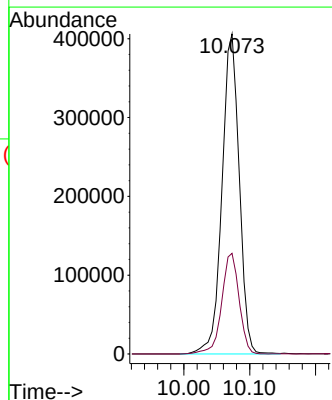
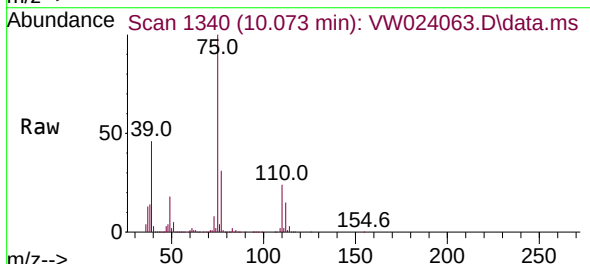
Instrument :
MSVOA_W
ClientSampleId :
VSTD100460

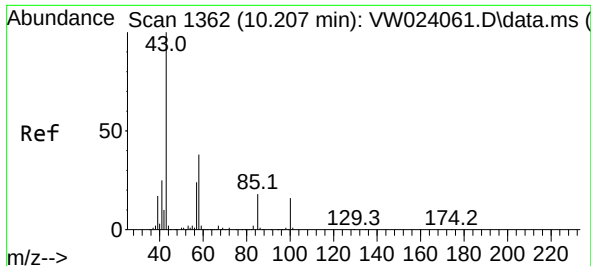
Tgt Ion: 83 Resp: 632160
Ion Ratio Lower Upper
83 100
85 62.0 45.1 83.7
127 8.5 6.4 9.6



#39
cis-1,3-Dichloropropene
Concen: 115.352 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

Tgt Ion: 75 Resp: 741104
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.6





#40

4-Methyl-2-pentanone

Concen: 216.226 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024063.D

Acq: 25 Jul 2022 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD100460

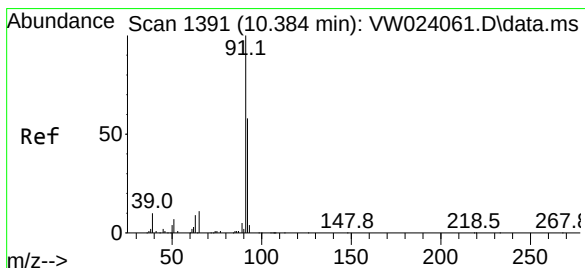
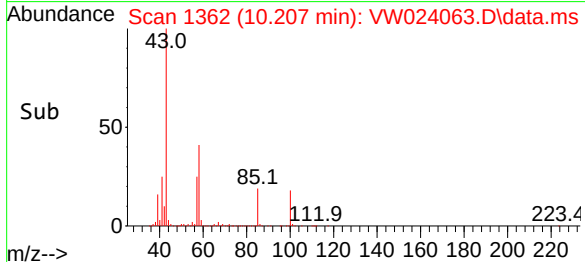
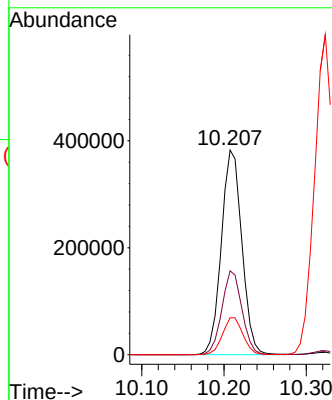
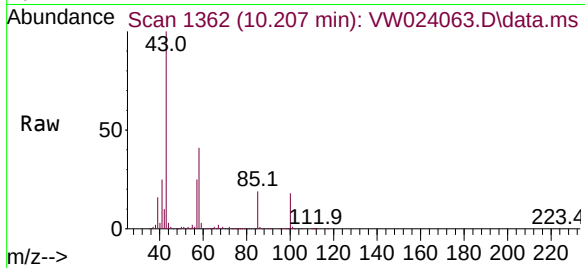
Tgt Ion: 43 Resp: 663493

Ion Ratio Lower Upper

43 100

58 40.0 30.8 46.2

100 18.0 13.0 19.6



#42

Toluene

Concen: 107.638 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024063.D

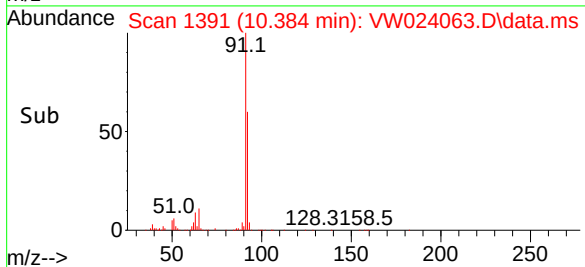
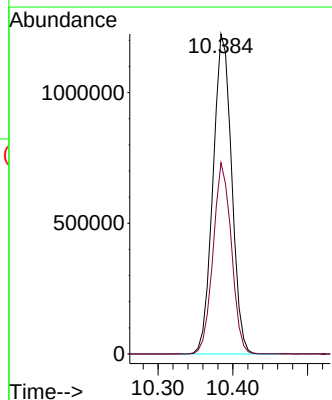
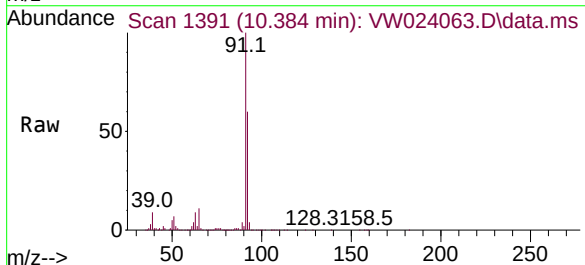
Acq: 25 Jul 2022 10:09

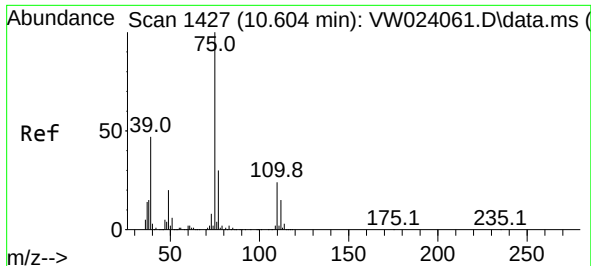
Tgt Ion: 91 Resp: 2123642

Ion Ratio Lower Upper

91 100

92 59.8 40.3 74.9

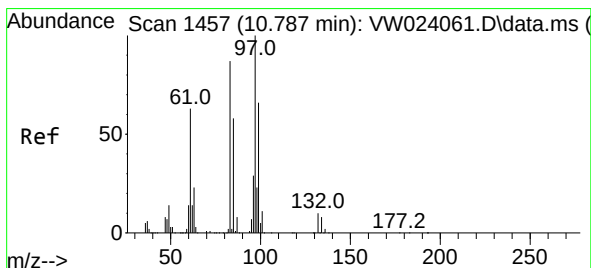
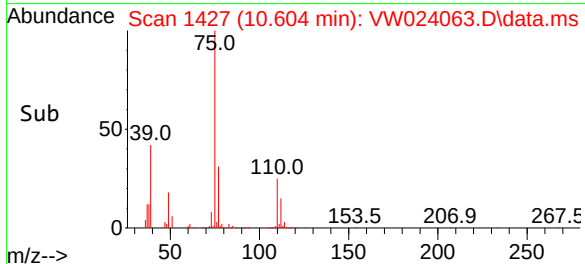
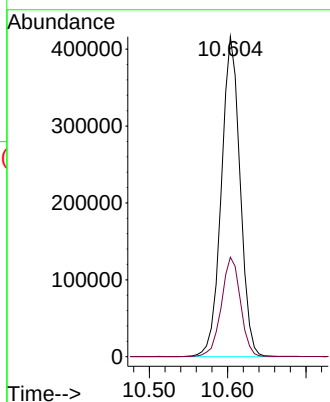
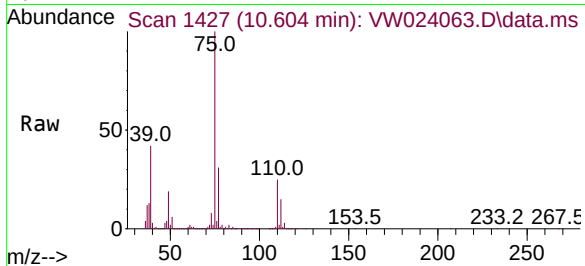




#44
trans-1,3-Dichloropropene
Concen: 113.876 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

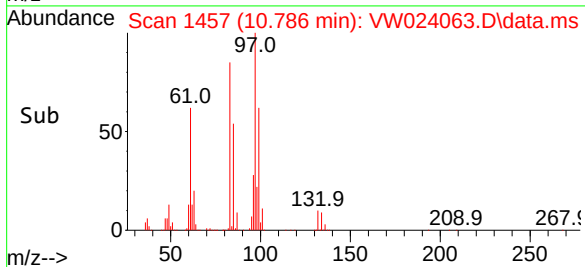
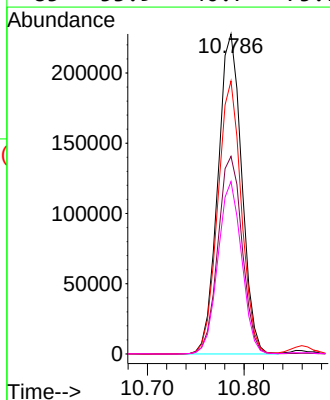
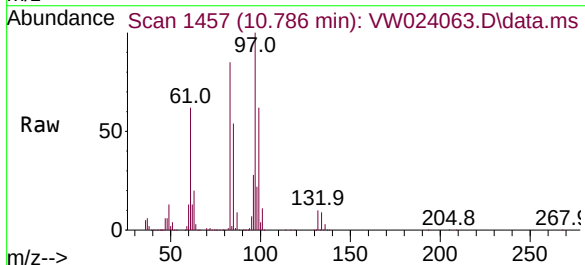
Instrument :
MSVOA_W
ClientSampleId :
VSTD100460

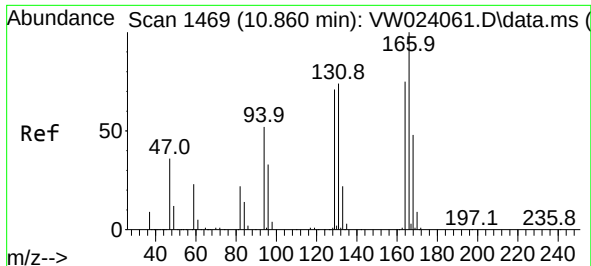
Tgt Ion: 75 Resp: 692852
Ion Ratio Lower Upper
75 100
77 31.1 21.3 39.6



#45
1,1,2-Trichloroethane
Concen: 101.187 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

Tgt Ion: 97 Resp: 389801
Ion Ratio Lower Upper
97 100
99 61.7 46.2 85.8
83 85.3 61.2 113.6
85 53.9 40.7 75.7

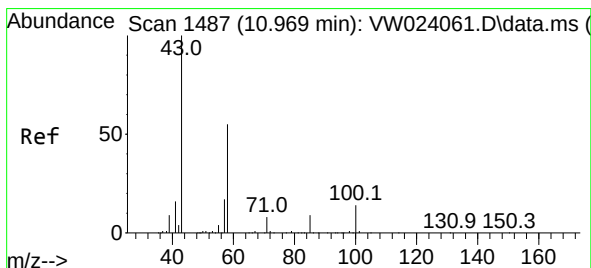
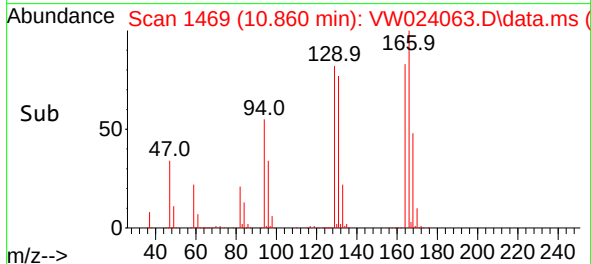
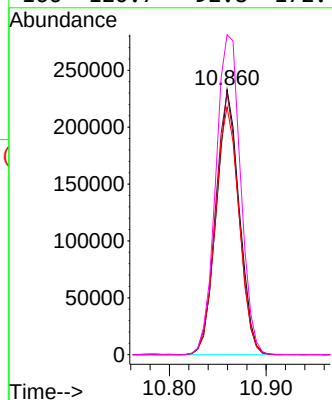
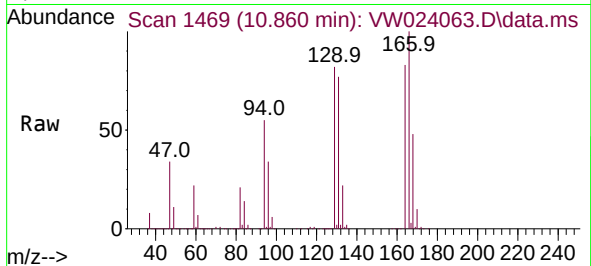




#46
Tetrachloroethene
Concen: 106.250 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

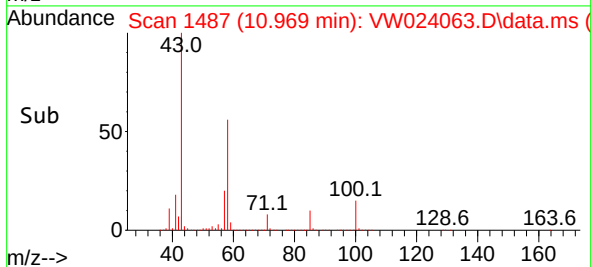
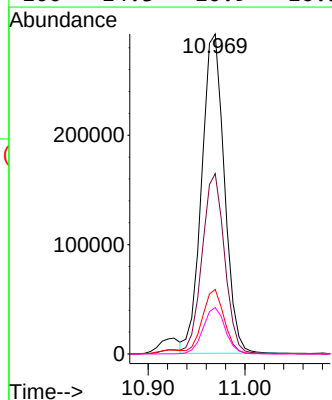
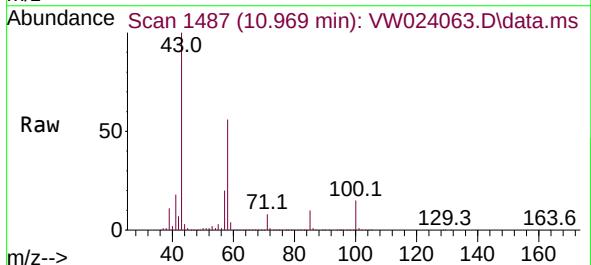
Instrument :
MSVOA_W
ClientSampleId :
VSTD100460

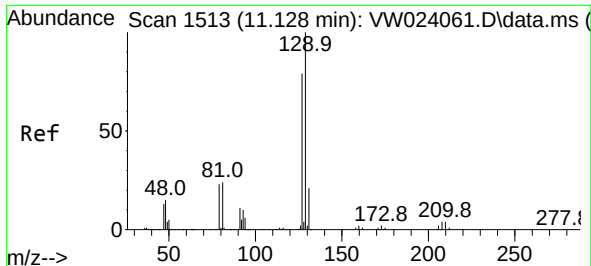
Tgt Ion:164 Resp: 384096
Ion Ratio Lower Upper
164 100
129 98.8 65.7 122.1
131 93.4 69.2 128.4
166 120.7 92.8 172.4



#48
2-Hexanone
Concen: 214.427 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

Tgt Ion: 43 Resp: 476825
Ion Ratio Lower Upper
43 100
58 56.2 41.0 61.6
57 19.5 14.5 21.7
100 14.3 10.9 16.3

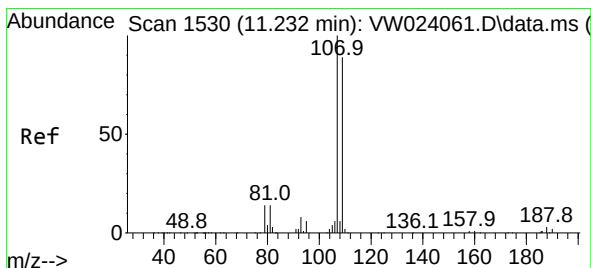
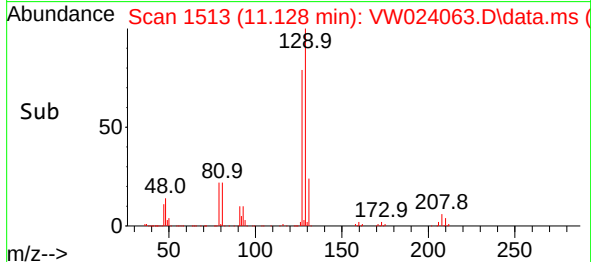
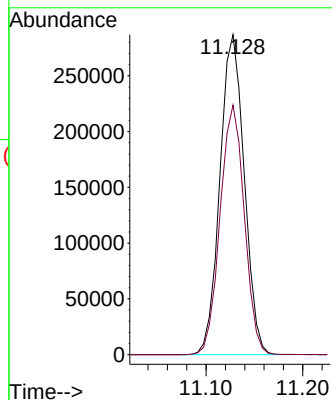
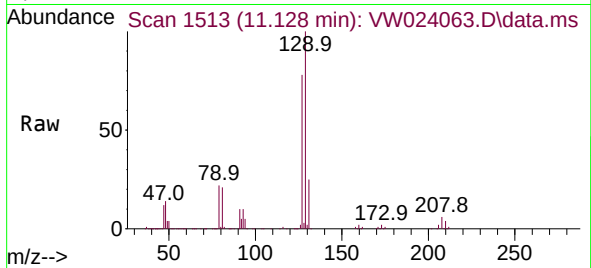




#49
Dibromochloromethane
Concen: 111.181 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

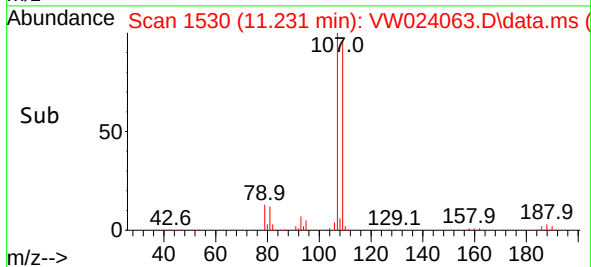
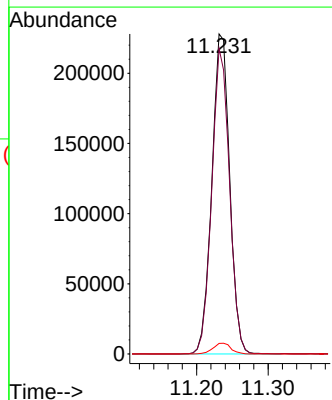
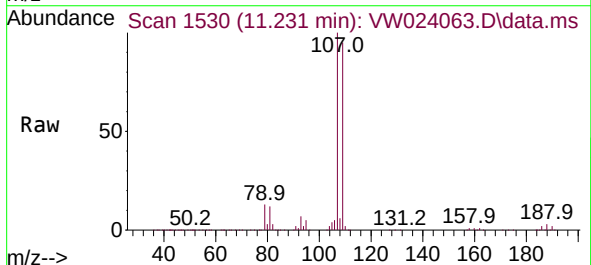
Instrument :
MSVOA_W
ClientSampleId :
VSTD100460

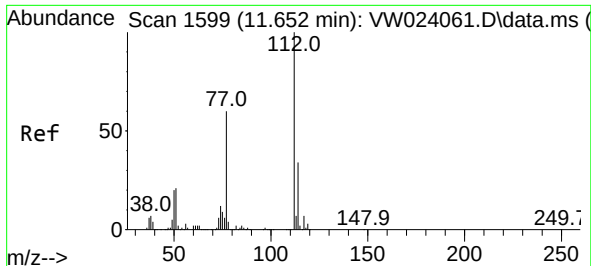
Tgt Ion:129 Resp: 500449
Ion Ratio Lower Upper
129 100
127 78.0 55.0 102.2



#50
1,2-Dibromoethane
Concen: 104.678 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

Tgt Ion:107 Resp: 394812
Ion Ratio Lower Upper
107 100
109 95.5 62.2 115.6
188 3.3 2.2 3.2#

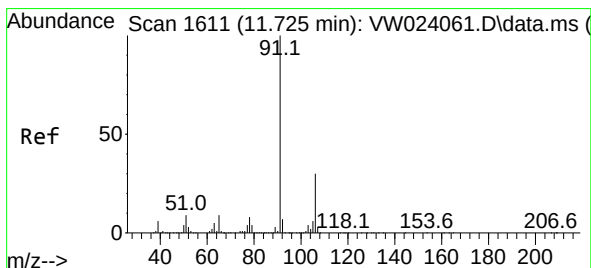
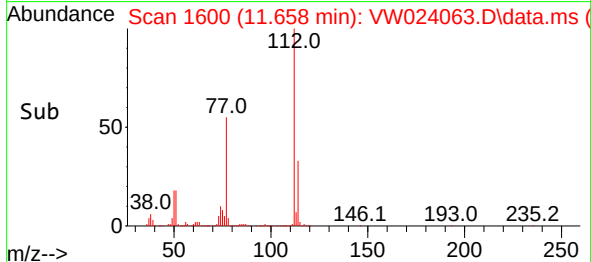
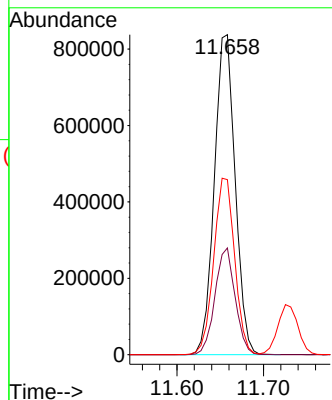
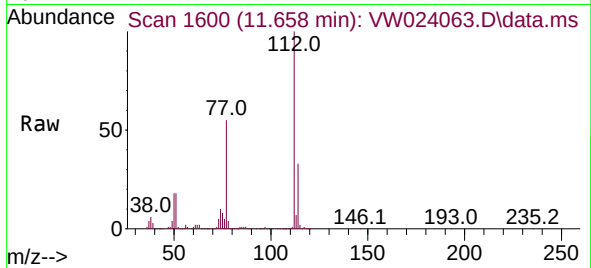




#51
Chlorobenzene
Concen: 105.404 ug/L
RT: 11.658 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

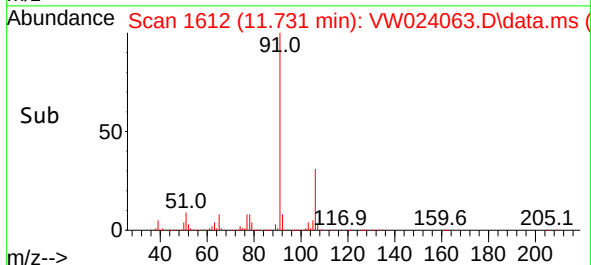
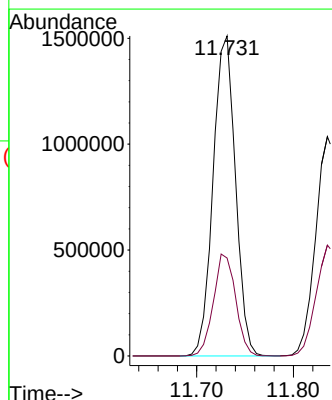
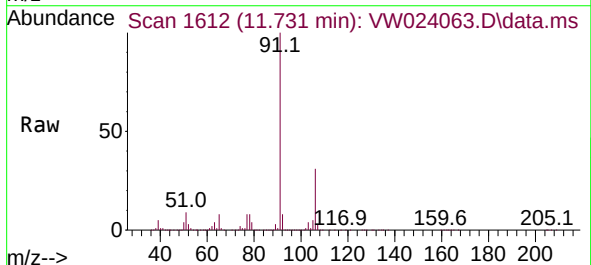
Instrument :
MSVOA_W
ClientSampleId :
VSTD100460

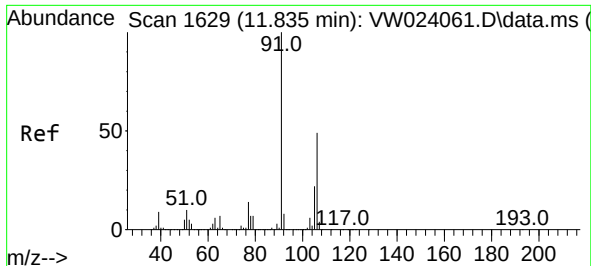
Tgt Ion:112 Resp: 1399568
Ion Ratio Lower Upper
112 100
114 33.4 23.7 43.9
77 54.7 48.2 72.2



#52
Ethylbenzene
Concen: 111.520 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

Tgt Ion: 91 Resp: 2424772
Ion Ratio Lower Upper
91 100
106 30.6 21.0 39.0

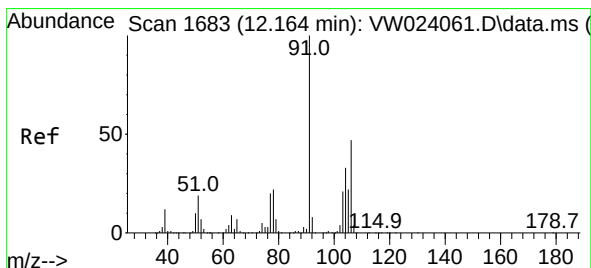
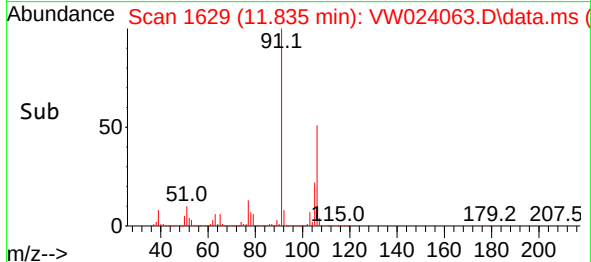
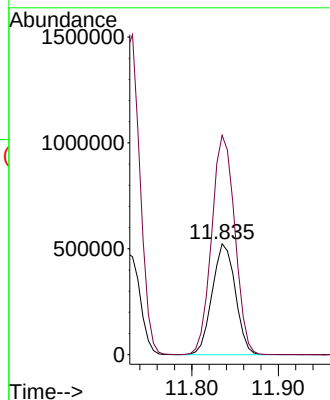
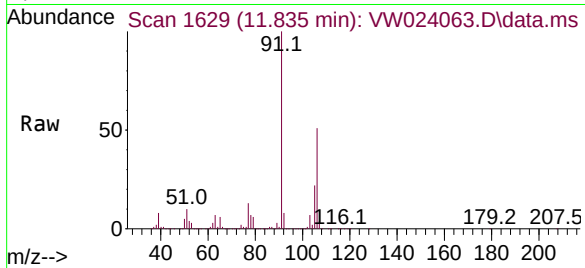




#53
m,p-Xylene
Concen: 115.170 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

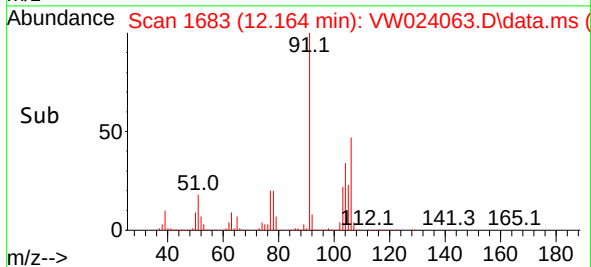
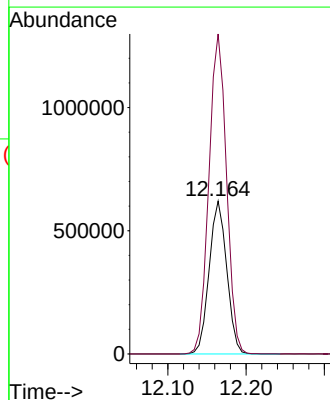
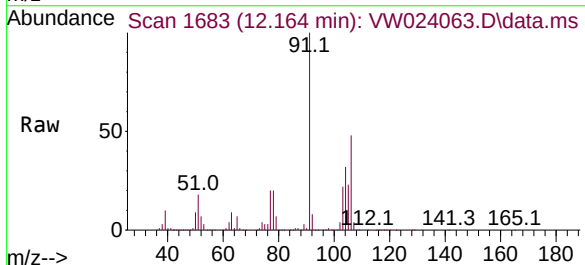
Instrument :
MSVOA_W
ClientSampleId :
VSTD100460

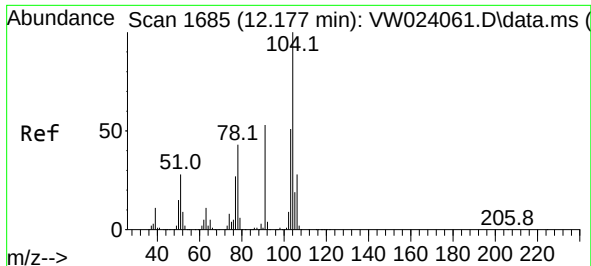
Tgt Ion:106 Resp: 971962
Ion Ratio Lower Upper
106 100
91 198.0 142.9 265.3



#54
o-Xylene
Concen: 119.517 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

Tgt Ion:106 Resp: 964577
Ion Ratio Lower Upper
106 100
91 209.4 150.6 279.6

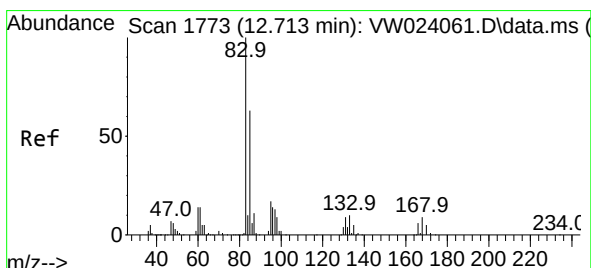
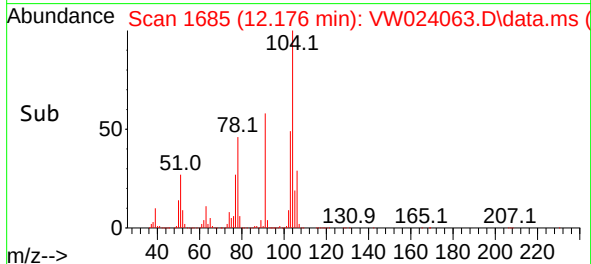
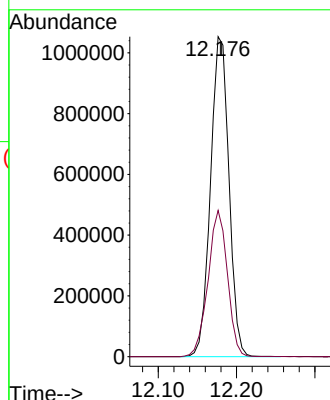
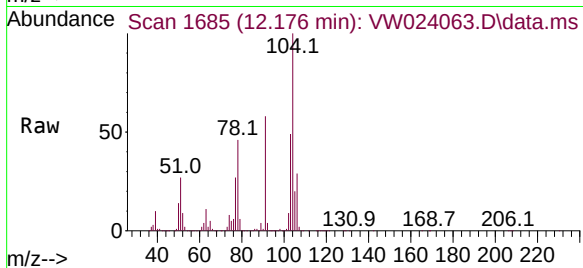




#55
Styrene
Concen: 118.986 ug/L
RT: 12.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

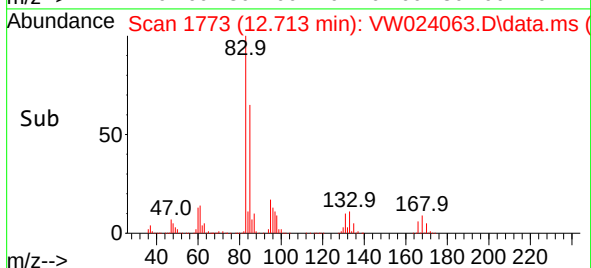
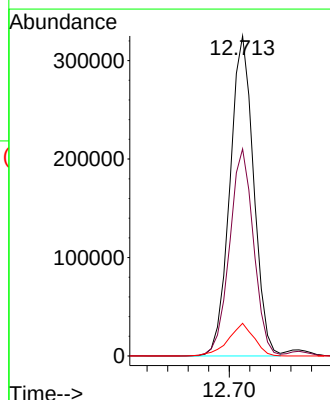
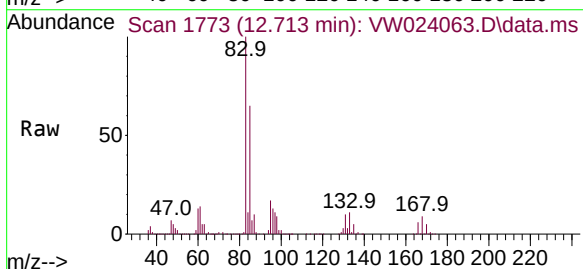
Instrument :
MSVOA_W
ClientSampleId :
VSTD100460

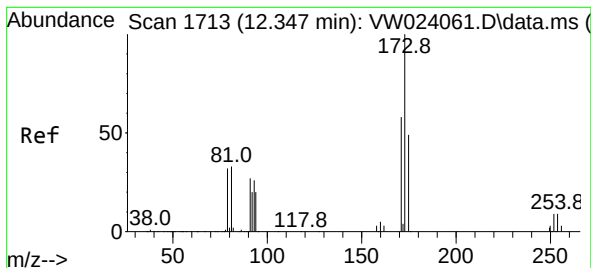
Tgt Ion:104 Resp: 1720374
Ion Ratio Lower Upper
104 100
78 45.7 30.3 56.3



#57
1,1,2,2-Tetrachloroethane
Concen: 97.705 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

Tgt Ion: 83 Resp: 521658
Ion Ratio Lower Upper
83 100
85 64.7 44.4 82.5
131 10.2 7.5 11.3





#59

Bromoform

Concen: 109.361 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024063.D

Acq: 25 Jul 2022 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD100460

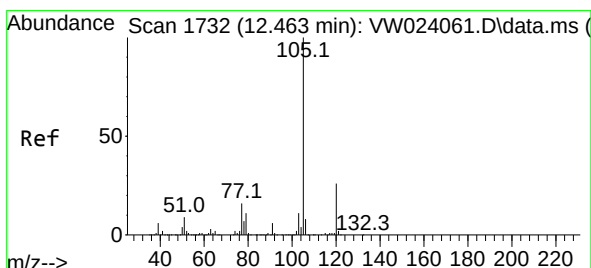
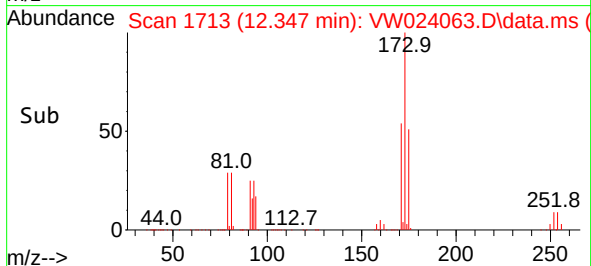
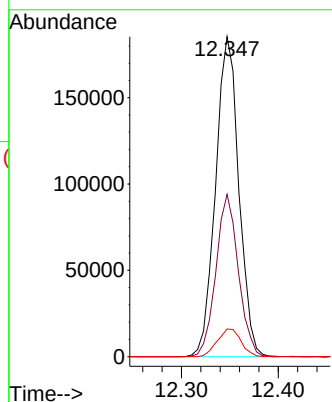
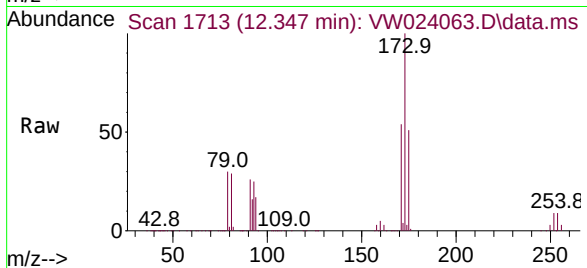
Tgt Ion:173 Resp: 308825

Ion Ratio Lower Upper

173 100

175 48.8 38.4 57.6

254 8.8 7.0 10.4



#60

Isopropylbenzene

Concen: 112.049 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW024063.D

Acq: 25 Jul 2022 10:09

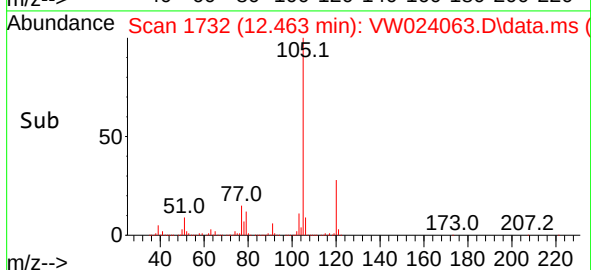
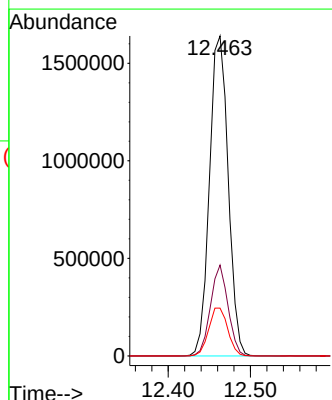
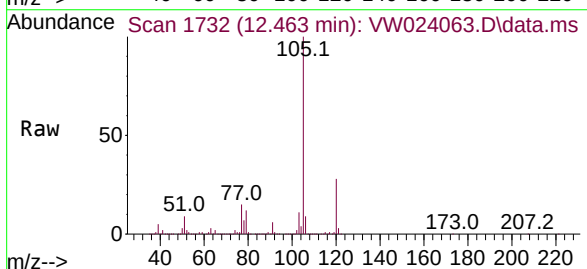
Tgt Ion:105 Resp: 2592873

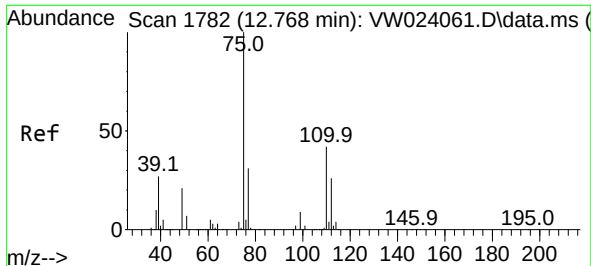
Ion Ratio Lower Upper

105 100

120 26.6 21.1 31.7

77 15.3 12.8 19.2

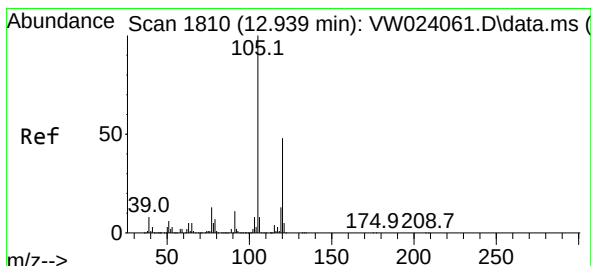
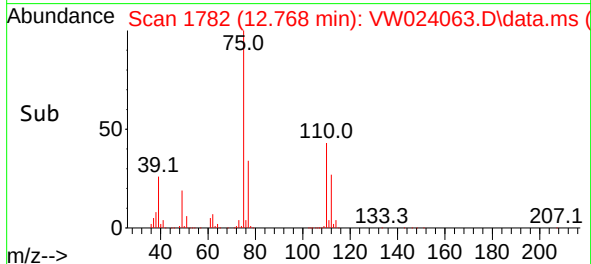
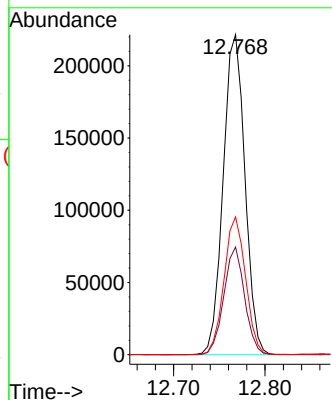
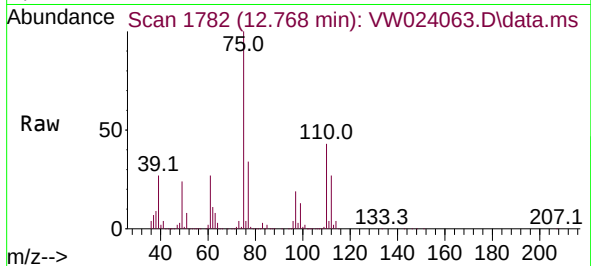




#61
1,2,3-Trichloropropane
Concen: 89.310 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

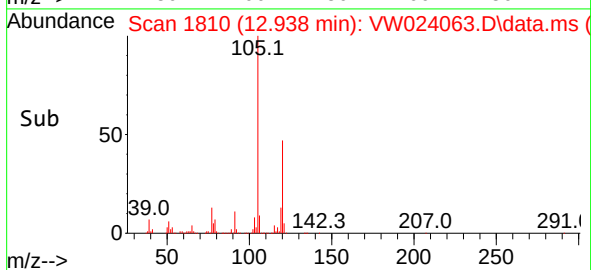
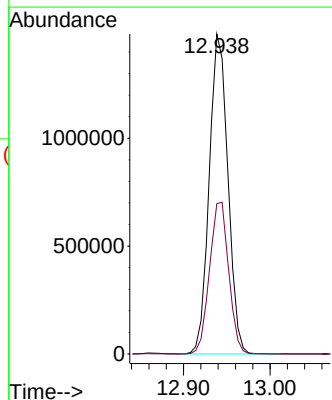
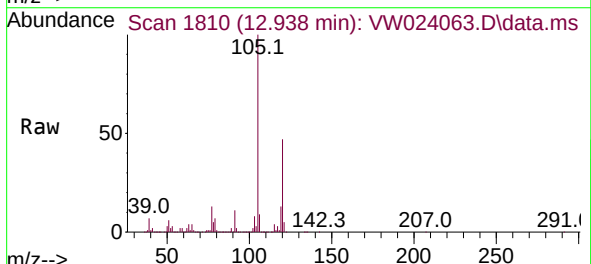
Instrument :
MSVOA_W
ClientSampleId :
VSTD100460

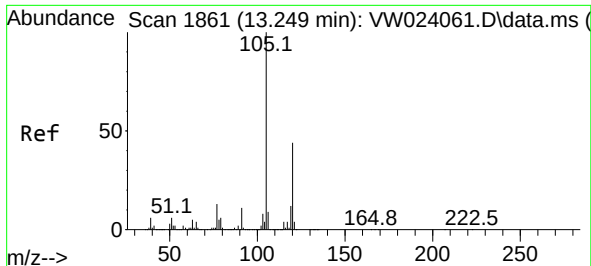
Tgt Ion: 75 Resp: 366740
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1
110 42.6 33.0 49.4



#62
1,3,5-Trimethylbenzene
Concen: 119.209 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

Tgt Ion: 105 Resp: 2219322
Ion Ratio Lower Upper
105 100
120 48.8 38.1 57.1

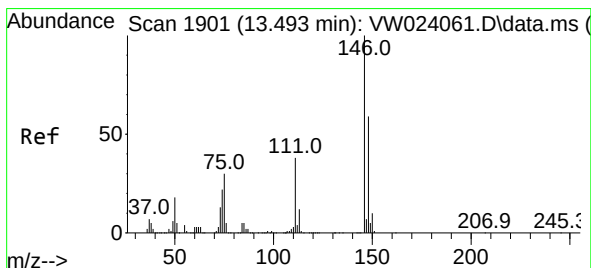
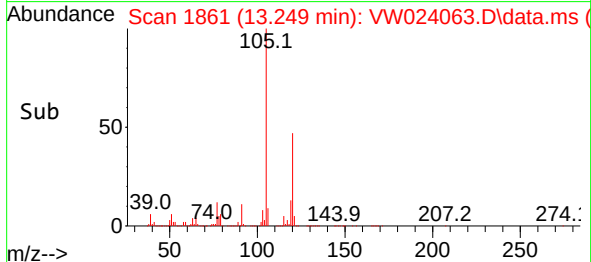
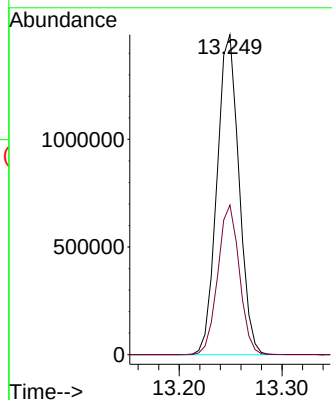
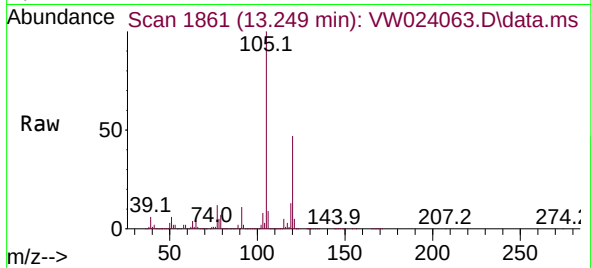




#63
1,2,4-Trimethylbenzene
Concen: 117.279 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

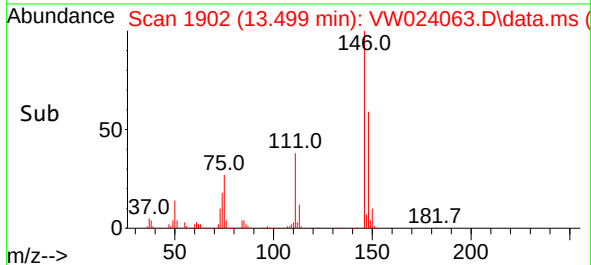
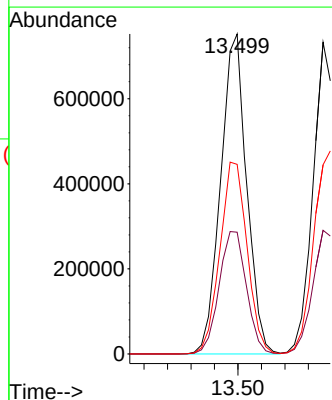
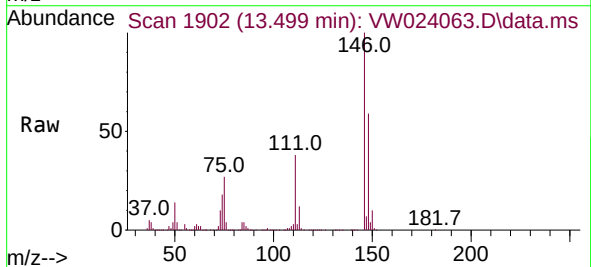
Instrument :
MSVOA_W
ClientSampleId :
VSTD100460

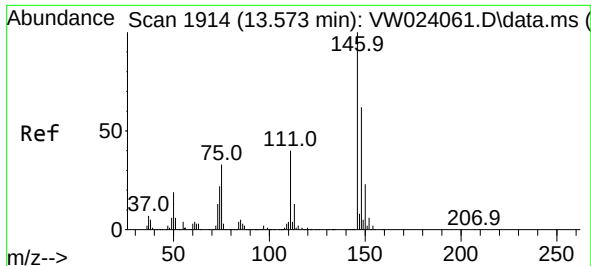
Tgt Ion:105 Resp: 2209856
Ion Ratio Lower Upper
105 100
120 45.8 36.1 54.1



#64
1,3-Dichlorobenzene
Concen: 104.853 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

Tgt Ion:146 Resp: 1160474
Ion Ratio Lower Upper
146 100
111 38.0 26.4 49.0
148 59.2 41.4 77.0

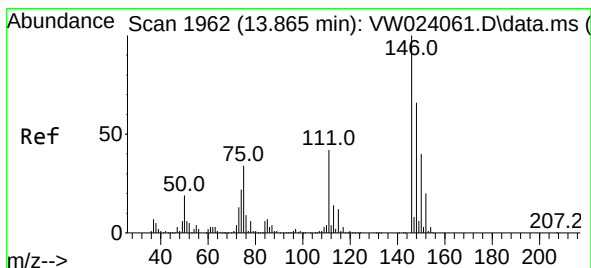
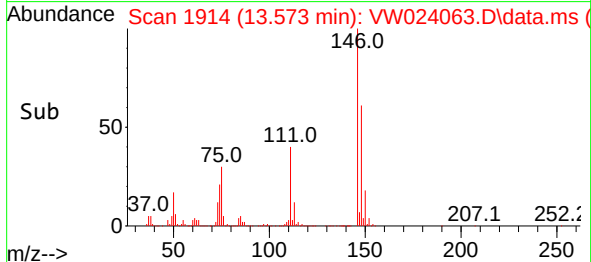
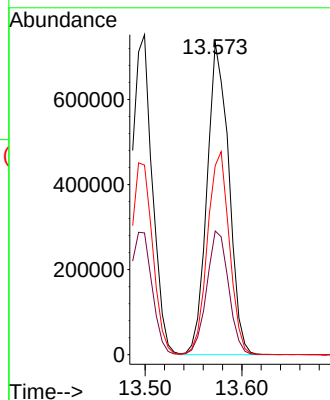
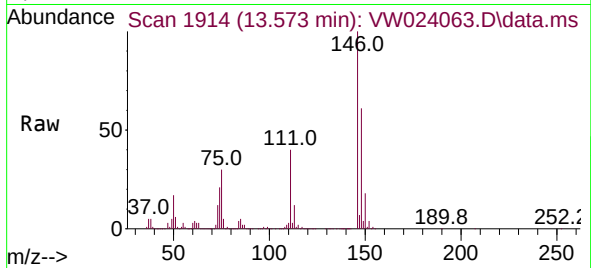




#65
1,4-Dichlorobenzene
Concen: 97.516 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

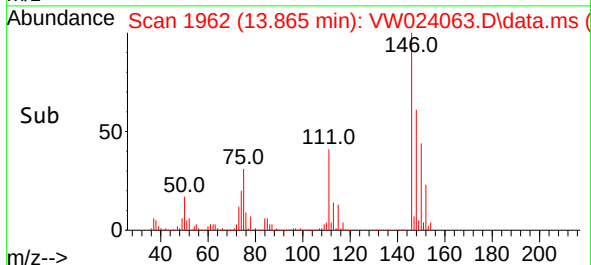
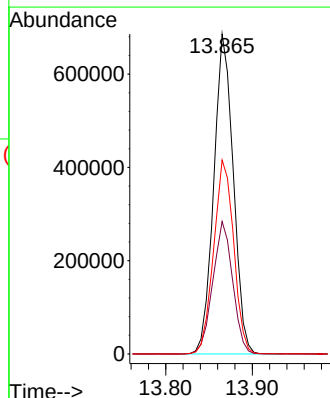
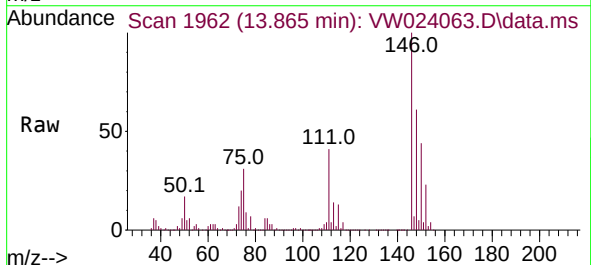
Instrument :
MSVOA_W
ClientSampleId :
VSTD100460

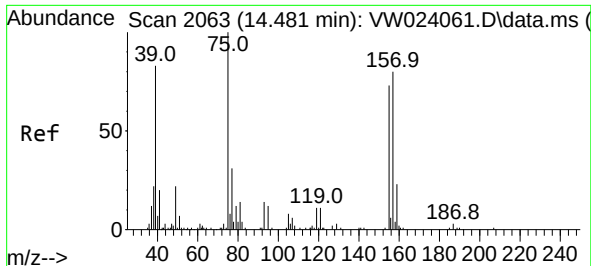
Tgt Ion:146 Resp: 1145704
Ion Ratio Lower Upper
146 100
111 39.7 27.9 51.9
148 60.7 43.2 80.2



#67
1,2-Dichlorobenzene
Concen: 103.822 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

Tgt Ion:146 Resp: 1074811
Ion Ratio Lower Upper
146 100
111 41.4 33.9 50.9
148 60.6 53.0 79.6





#68

1,2-Dibromo-3-chloropropane

Concen: 90.204 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024063.D

Acq: 25 Jul 2022 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTD100460

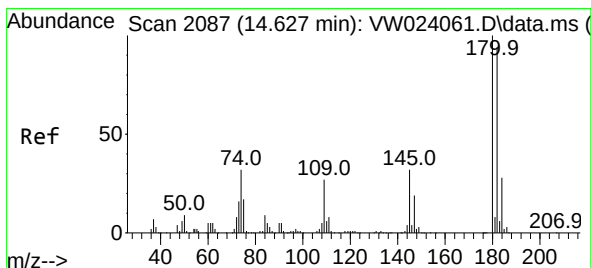
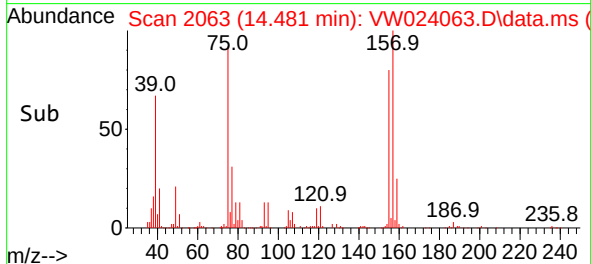
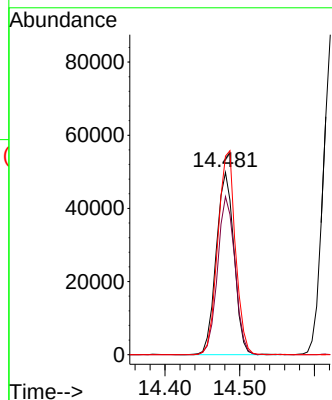
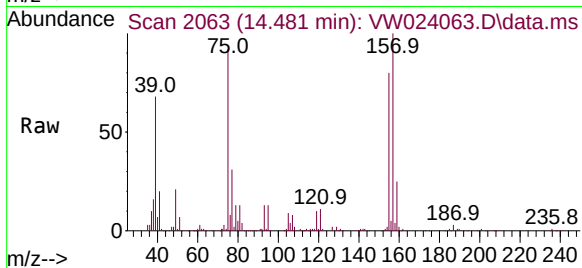
Tgt Ion: 75 Resp: 82766

Ion Ratio Lower Upper

75 100

155 86.7 58.6 88.0

157 109.0 64.0 96.0#



#69

1,3,5-Trichlorobenzene

Concen: 108.685 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW024063.D

Acq: 25 Jul 2022 10:09

Tgt Ion:180 Resp: 767081

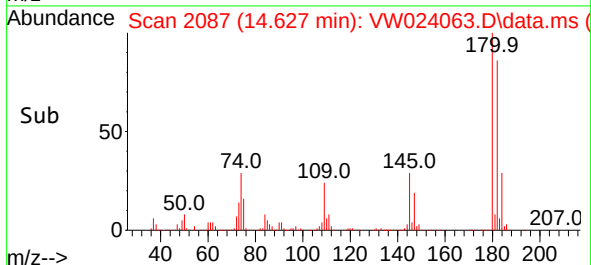
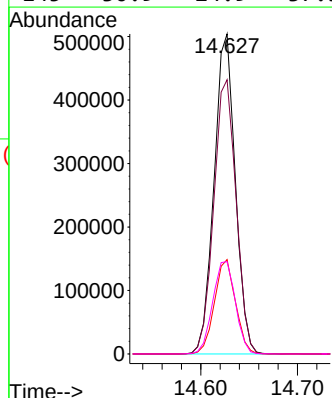
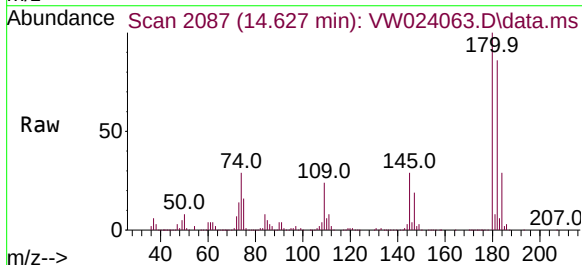
Ion Ratio Lower Upper

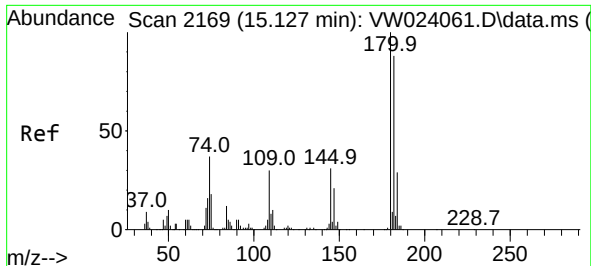
180 100

182 90.1 73.9 110.9

184 29.3 23.5 35.3

145 30.9 24.9 37.3

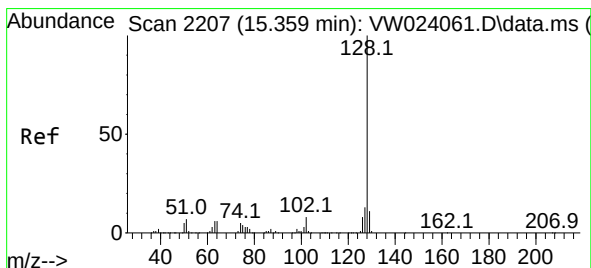
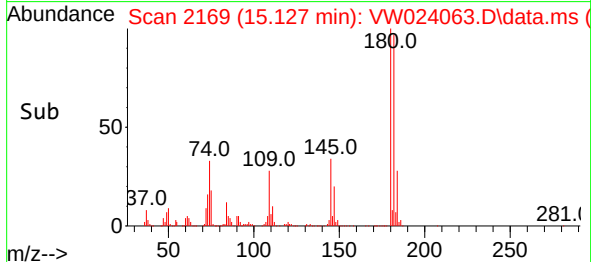
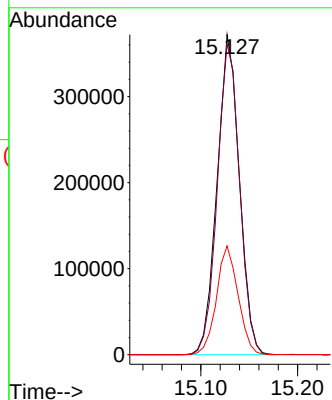
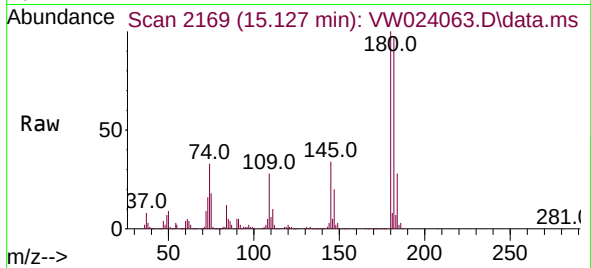




#70
1,2,4-trichlorobenzene
Concen: 111.053 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

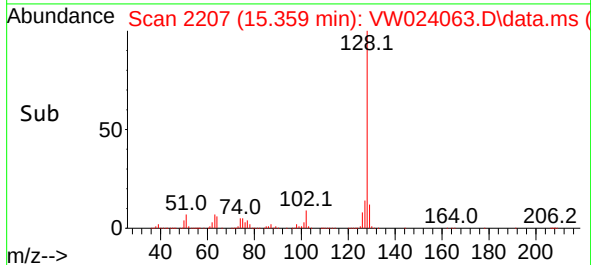
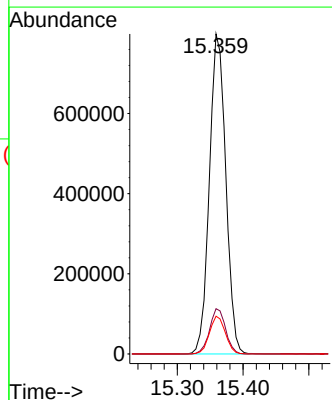
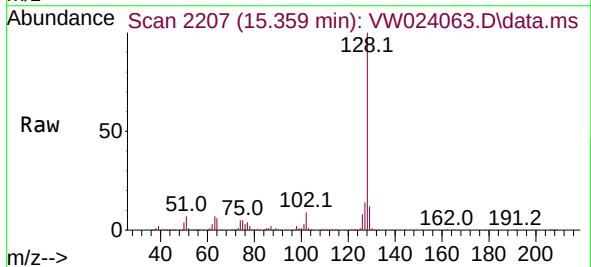
Instrument :
MSVOA_W
ClientSampleId :
VSTD100460

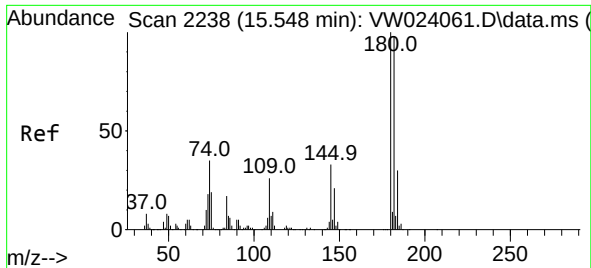
Tgt Ion:180 Resp: 593886
Ion Ratio Lower Upper
180 100
182 97.3 72.0 108.0
145 33.0 24.9 37.3



#71
Naphthalene
Concen: 121.199 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW024063.D
Acq: 25 Jul 2022 10:09

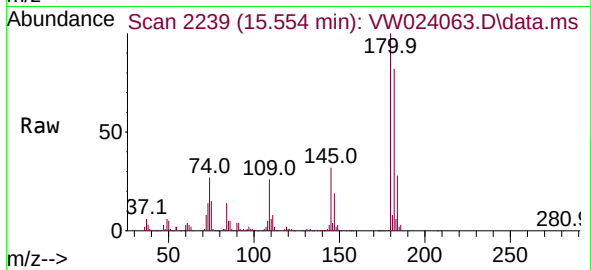
Tgt Ion:128 Resp: 1386921
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.4
129 11.4 9.3 13.9





#72
 1,2,3-Trichlorobenzene
 Concen: 111.712 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW024063.D
 Acq: 25 Jul 2022 10:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100460



Tgt Ion:	180	Resp:	561956
Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.8	116.8
145	34.4	27.6	41.4

