

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023643.D
 Acq On : 13 Jul 2022 12:31
 Operator : SY/VA
 Sample : VSTD02552
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025452

Quant Time: Jul 14 01:27:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 01:25:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	220342	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	229136	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	136784	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	176349	31.491	ug/L	0.00
7) Chloroethane-d5	2.879	69	112857	30.309	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	127248	27.855	ug/L	0.00
21) 2-Butanone-d5	7.080	46	46051	54.025	ug/L	0.00
24) Chloroform-d	7.653	84	169669	26.448	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	104914	26.739	ug/L	0.00
32) Benzene-d6	8.275	84	338329	28.404	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	99831	27.824	ug/L	0.00
41) Toluene-d8	10.323	98	346860	28.709	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	46573	27.693	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	40775	54.045	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	106323	26.815	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	128552	26.327	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	39075	26.285	ug/L	100
3) Chloromethane	2.215	50	81599	22.253	ug/L	100
5) Vinyl chloride	2.355	62	157475	25.009	ug/L	100
6) Bromomethane	2.769	94	95398	23.423	ug/L	100
8) Chloroethane	2.916	64	71747	24.356	ug/L	100
9) Trichlorofluoromethane	3.251	101	69426	24.256	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	67512	24.243	ug/L	100
12) 1,1-Dichloroethene	4.038	96	55823	23.985	ug/L	100
13) Acetone	4.123	43	24781	44.504	ug/L	98
14) Carbon disulfide	4.385	76	152478	22.192	ug/L	100
15) Methyl Acetate	4.672	43	30824	23.427	ug/L	100
16) Methylene chloride	4.922	84	69080	20.056	ug/L	100
17) trans-1,2-Dichloroethene	5.421	96	66994	23.640	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	106080	24.283	ug/L	100
19) 1,1-Dichloroethane	6.214	63	125385	23.986	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	74899	23.838	ug/L	100
22) 2-Butanone	7.171	43	46905	46.491	ug/L	100
23) Bromochloromethane	7.519	128	35667	23.649	ug/L	100
25) Chloroform	7.671	83	144239	23.951	ug/L	100
27) 1,2-Dichloroethane	8.396	62	106939	24.127	ug/L	100
29) Cyclohexane	7.958	56	103807	24.771	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	119882	24.163	ug/L	100
31) Carbon tetrachloride	8.067	117	107821	24.108	ug/L	100
33) Benzene	8.323	78	309201	23.746	ug/L	100
34) Trichloroethene	9.091	95	78648	22.873	ug/L	100
35) Methylcyclohexane	9.335	83	127416	24.335	ug/L	100
37) 1,2-Dichloropropane	9.366	63	78408	24.019	ug/L	100
38) Bromodichloromethane	9.646	83	112085	24.601	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	121530	24.700	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	113575	49.997	ug/L	100
42) Toluene	10.384	91	368486	24.814	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	117995	25.231	ug/L	100

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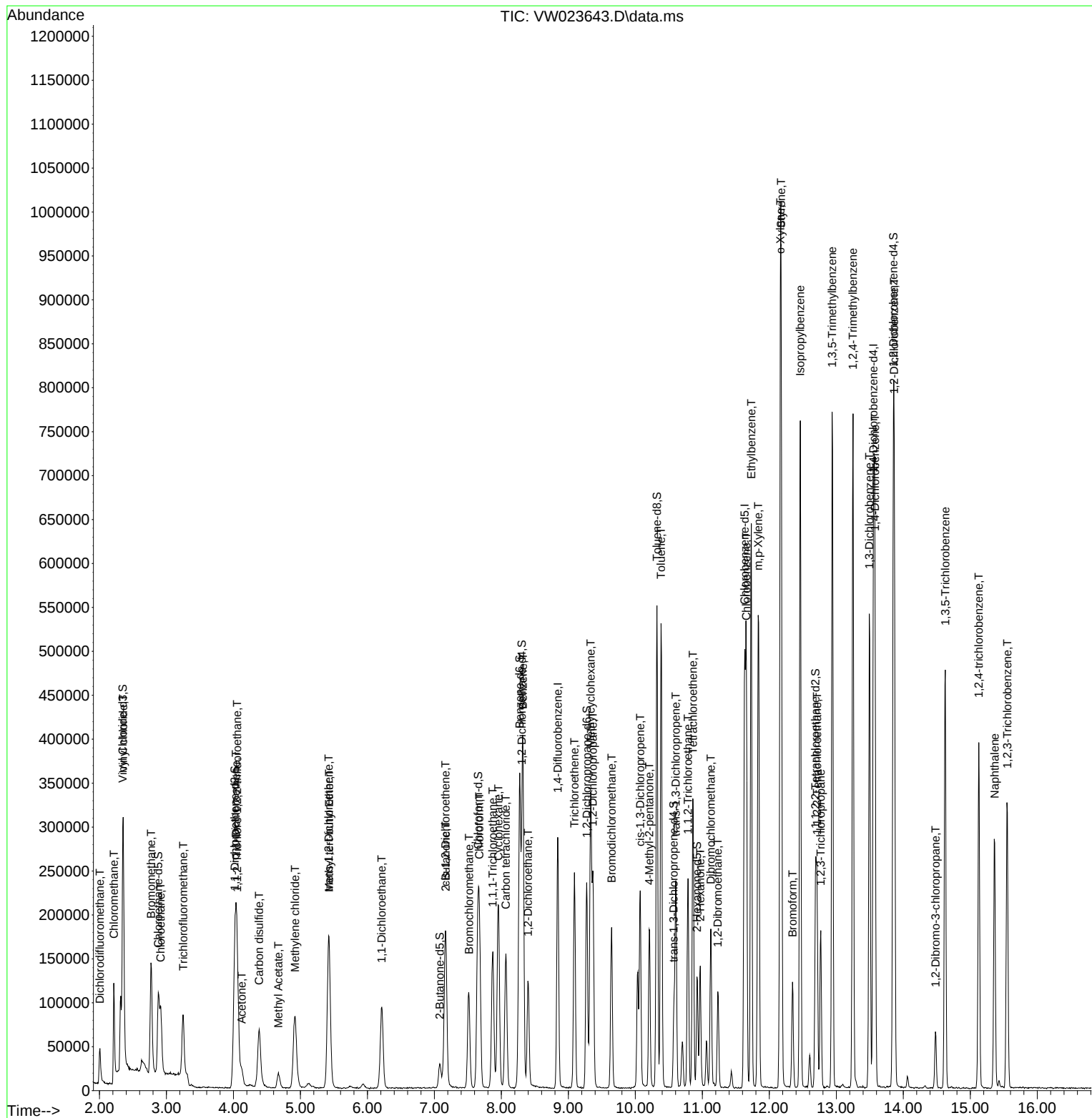
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	69353	24.297	ug/L	100
46) Tetrachloroethene	10.859	164	63240	23.786	ug/L	100
48) 2-Hexanone	10.969	43	83191	51.189	ug/L	100
49) Dibromochloromethane	11.128	129	80445	24.302	ug/L	100
50) 1,2-Dibromoethane	11.231	107	67706	24.689	ug/L	100
51) Chlorobenzene	11.658	112	241261	24.089	ug/L	100
52) Ethylbenzene	11.731	91	428014	25.364	ug/L	100
53) m,p-Xylene	11.835	106	167828	25.490	ug/L	100
54) o-Xylene	12.164	106	162498	25.700	ug/L	100
55) Styrene	12.176	104	298537	26.726	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	96281	24.729	ug/L	100
59) Bromoform	12.347	173	47184	23.394	ug/L	100
60) Isopropylbenzene	12.463	105	459105	24.986	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	68638	22.885	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	382865	25.451	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	384945	25.595	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	197702	23.698	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	209084	23.557	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	185880	23.625	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	15665	22.645	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	136129	24.653	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	104280	24.457	ug/L	100
71) Naphthalene	15.365	128	226808	24.798	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	97702	24.584	ug/L	100

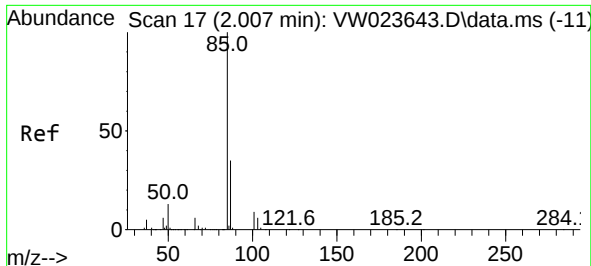
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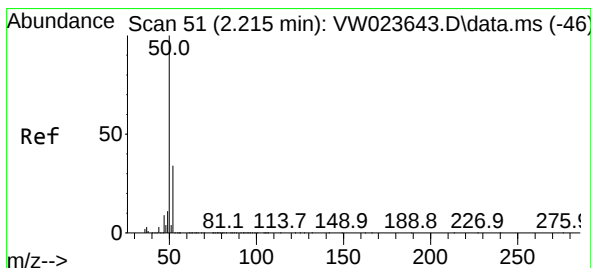
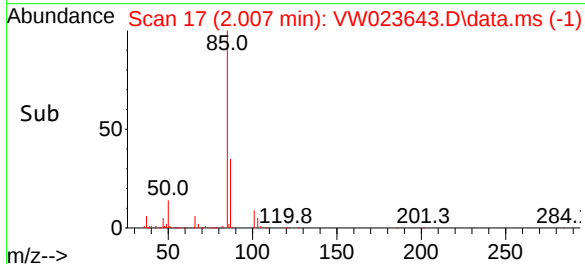
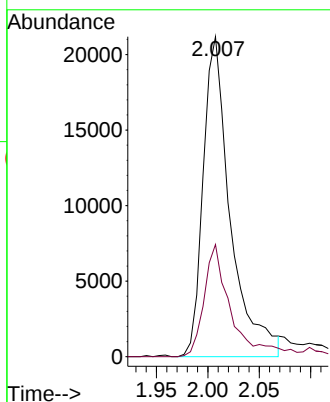
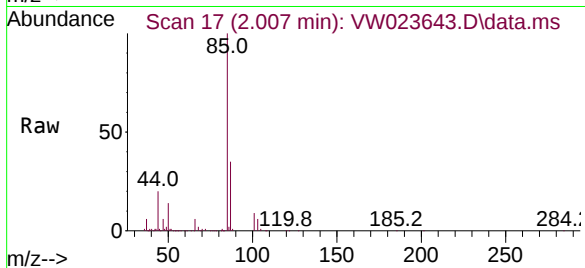




#2
 Dichlorodifluoromethane
 Concen: 26.285 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023643.D
 Acq: 13 Jul 2022 12:31

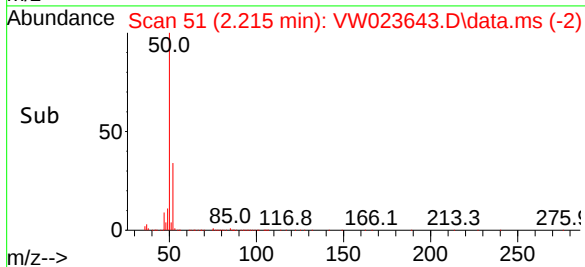
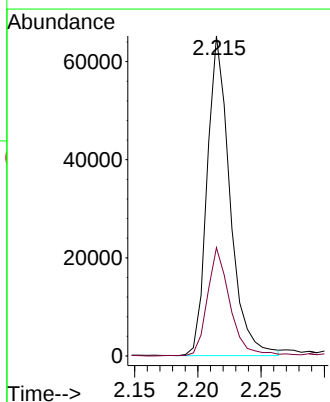
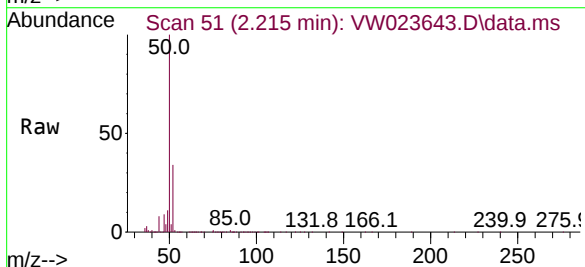
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 ClientSampleId :
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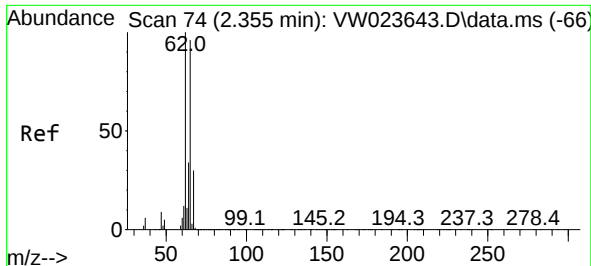
Tgt Ion: 85 Resp: 39075
 Ion Ratio Lower Upper
 85 100
 87 30.9 24.7 37.1



#3
 Chloromethane
 Concen: 22.253 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023643.D
 Acq: 13 Jul 2022 12:31

Tgt Ion: 50 Resp: 81599
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.7 44.1

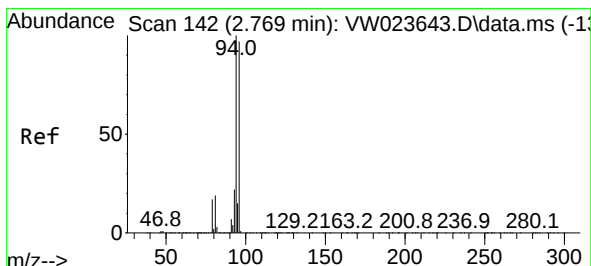
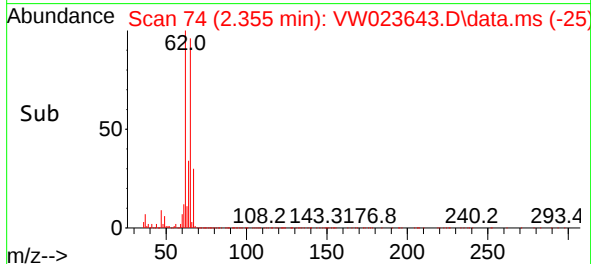
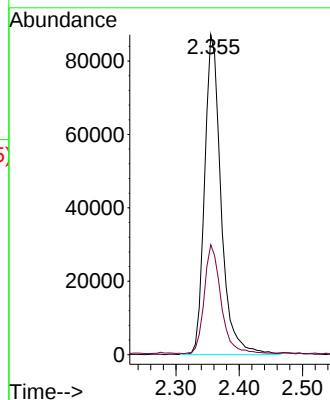
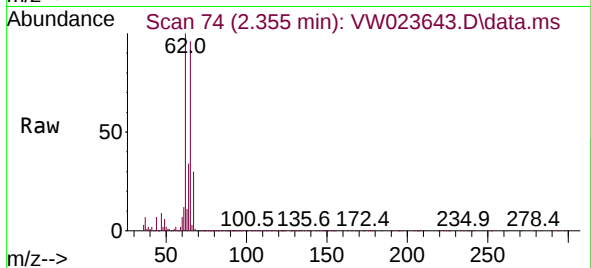




#5
 Vinyl chloride
 Concen: 25.009 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023643.D
 Acq: 13 Jul 2022 12:31

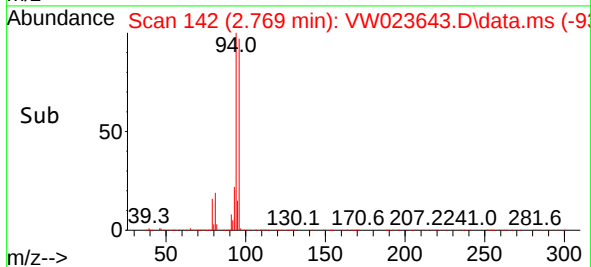
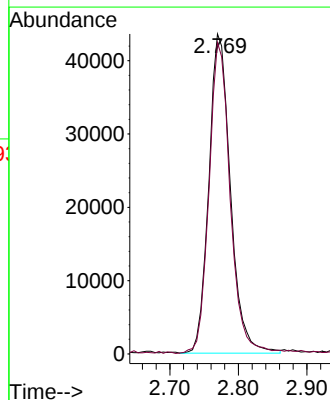
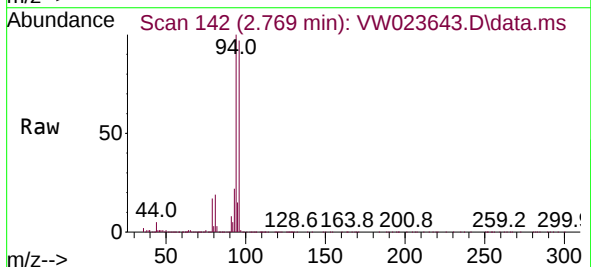
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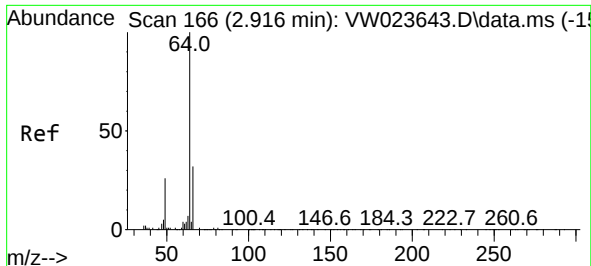
Tgt Ion: 62 Resp: 157475
 Ion Ratio Lower Upper
 62 100
 64 34.3 24.0 44.6



#6
 Bromomethane
 Concen: 23.423 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW023643.D
 Acq: 13 Jul 2022 12:31

Tgt Ion: 94 Resp: 95398
 Ion Ratio Lower Upper
 94 100
 96 97.4 68.2 126.6

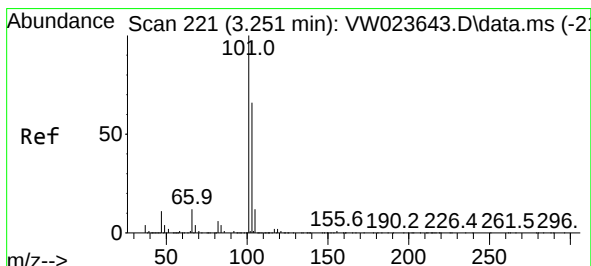
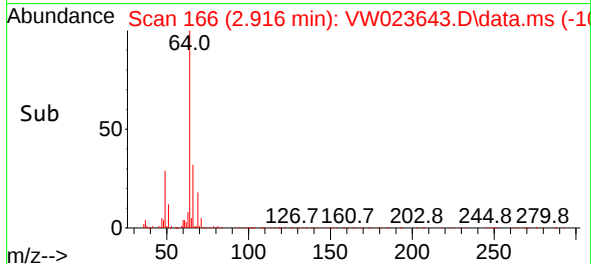
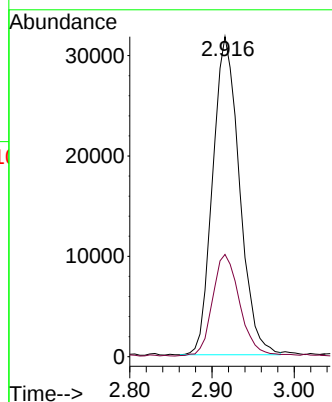
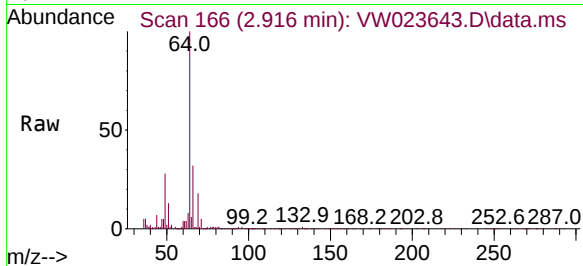




#8
Chloroethane
Concen: 24.356 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

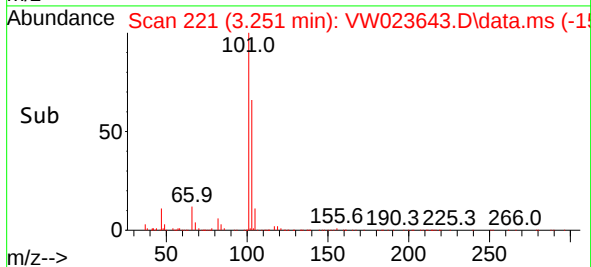
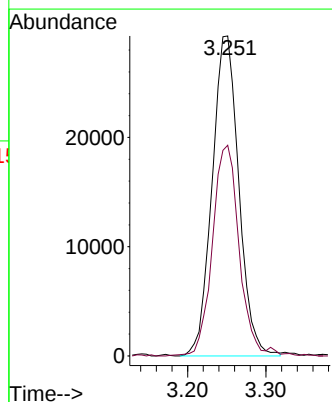
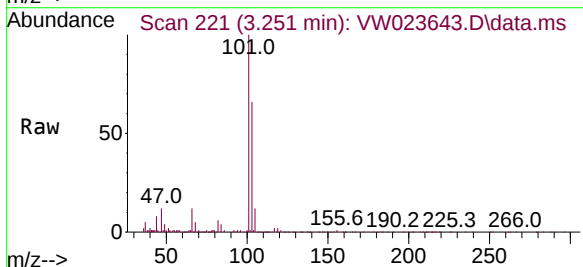
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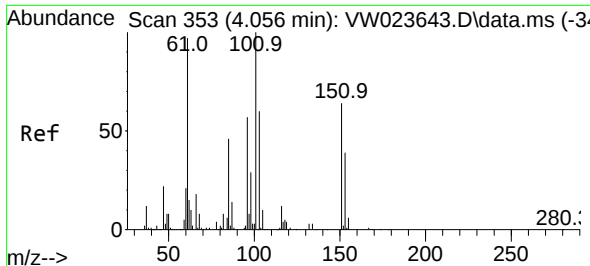
Tgt Ion: 64 Resp: 71747
Ion Ratio Lower Upper
64 100
66 32.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 24.256 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

Tgt Ion: 101 Resp: 69426
Ion Ratio Lower Upper
101 100
103 65.1 52.1 78.1

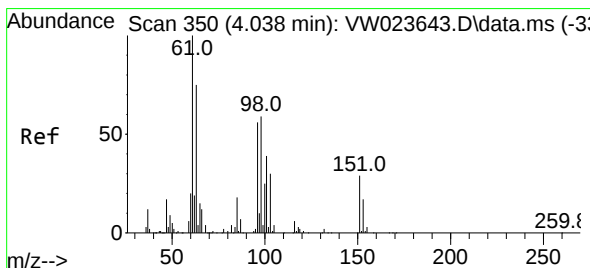
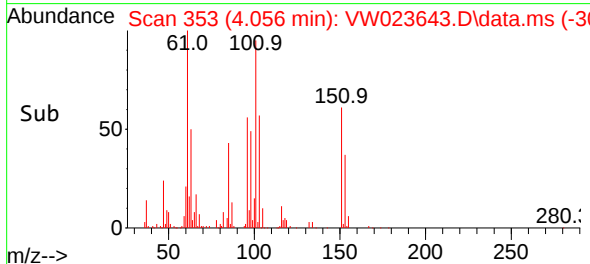
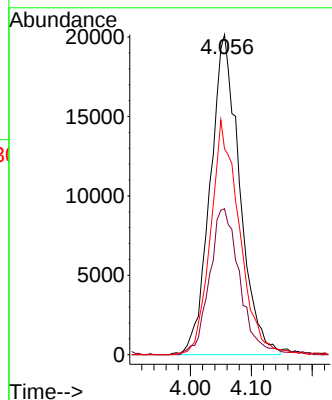
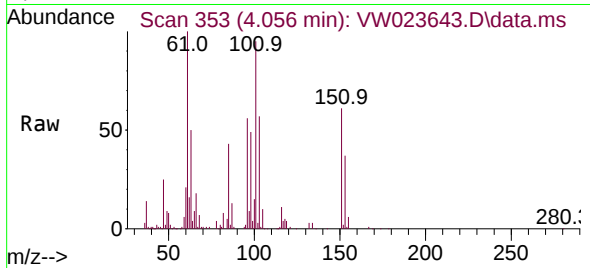




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.243 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW023643.D
 Acq: 13 Jul 2022 12:31

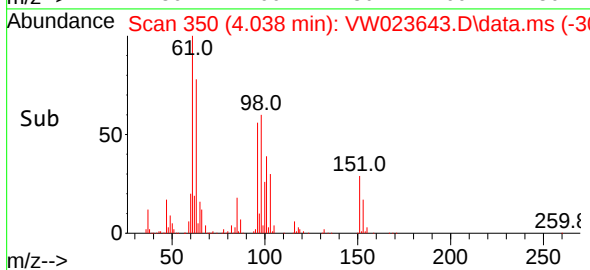
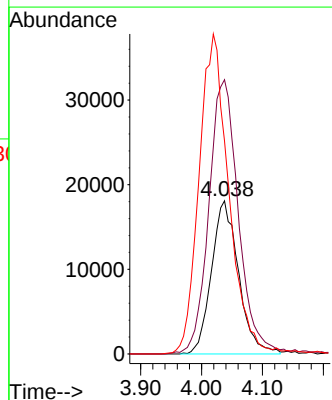
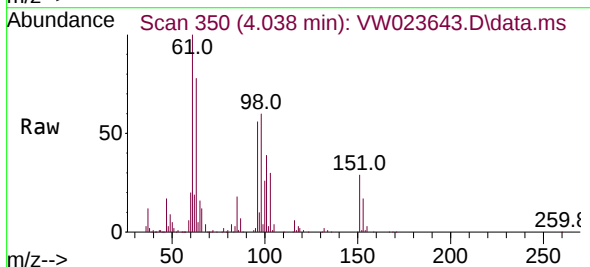
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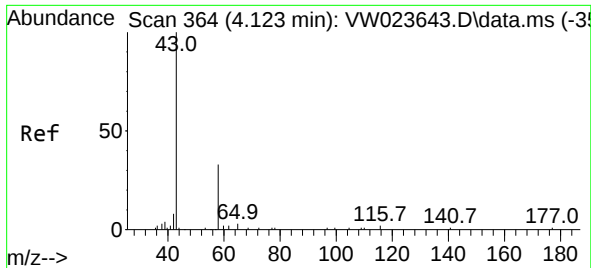
Tgt Ion:101 Resp: 67512
 Ion Ratio Lower Upper
 101 100
 85 47.0 37.6 56.4
 151 72.0 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 23.985 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW023643.D
 Acq: 13 Jul 2022 12:31

Tgt Ion: 96 Resp: 55823
 Ion Ratio Lower Upper
 96 100
 61 179.1 125.4 232.8
 63 139.1 97.4 180.8





#13

Acetone

Concen: 44.504 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

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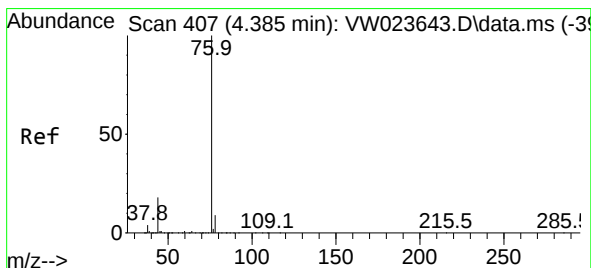
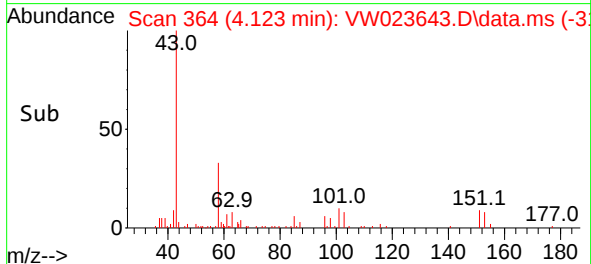
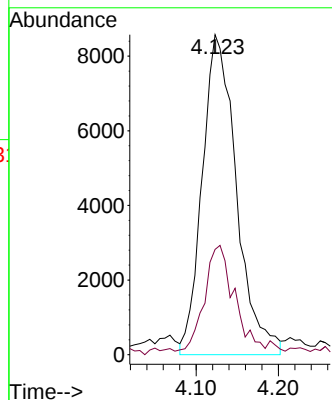
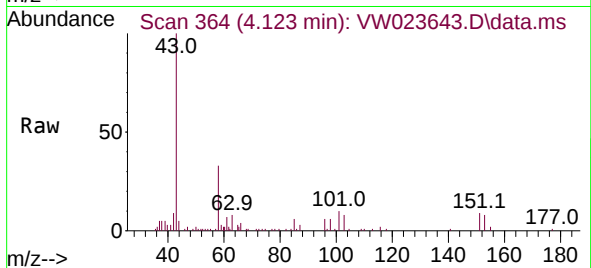
VSTD025452

Tgt Ion: 43 Resp: 24781

Ion Ratio Lower Upper

43 100

58 30.8 0.0 64.2



#14

Carbon disulfide

Concen: 22.192 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW023643.D

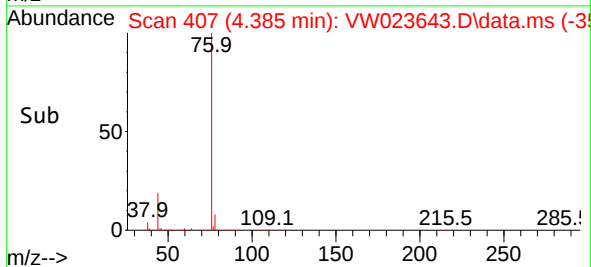
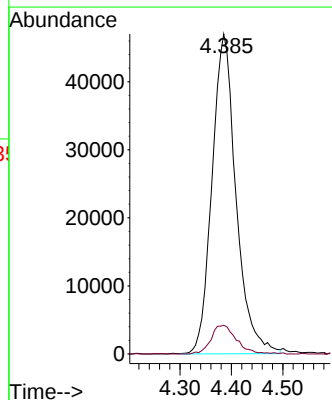
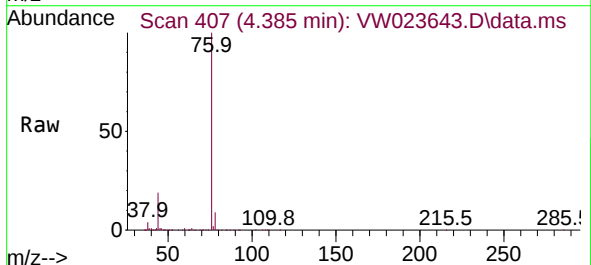
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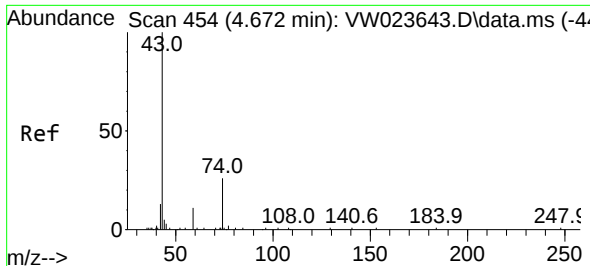
Tgt Ion: 76 Resp: 152478

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

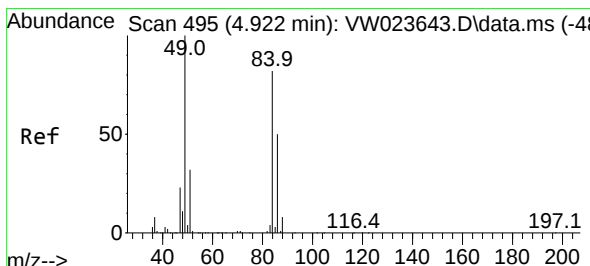
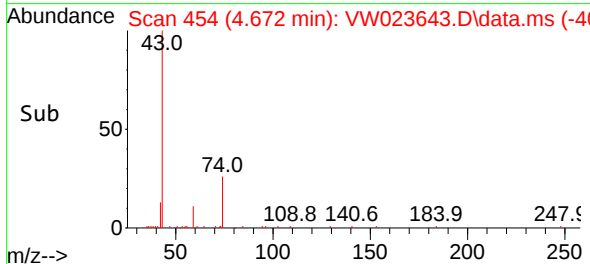
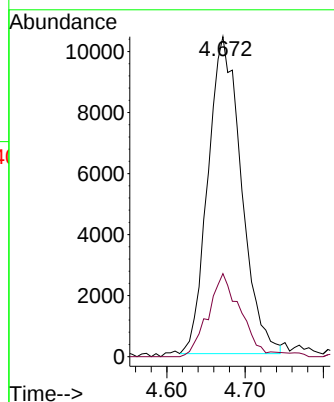
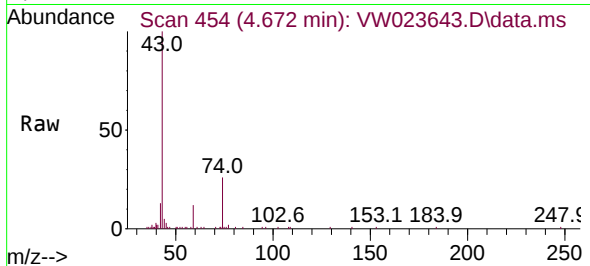




#15
Methyl Acetate
Concen: 23.427 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

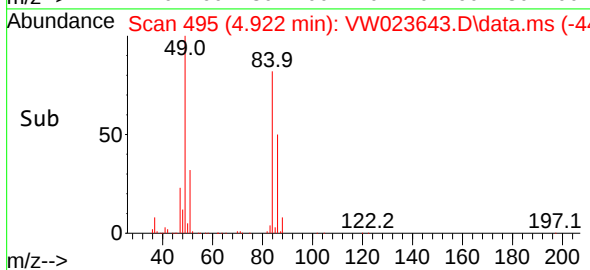
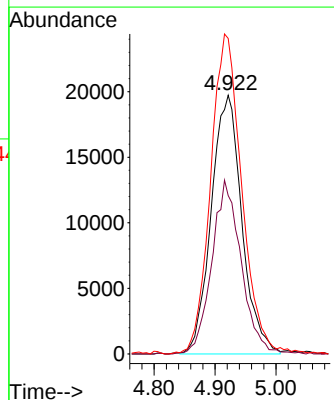
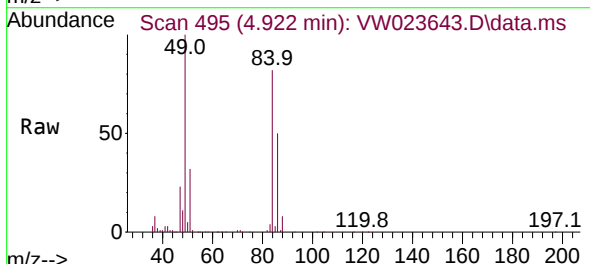
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

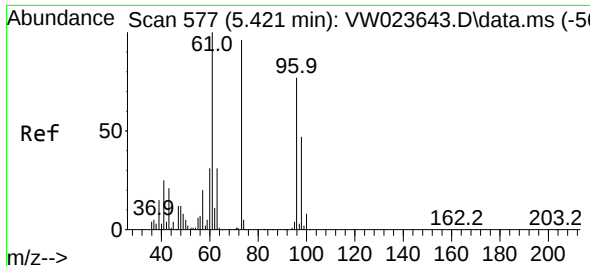
Tgt Ion: 43 Resp: 30824
Ion Ratio Lower Upper
43 100
74 25.0 20.0 30.0



#16
Methylene chloride
Concen: 20.056 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

Tgt Ion: 84 Resp: 69080
Ion Ratio Lower Upper
84 100
86 61.2 42.8 79.6
49 122.0 85.4 158.6

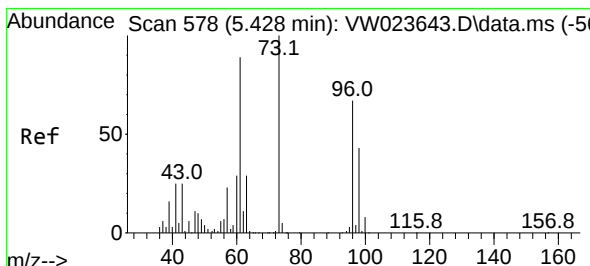
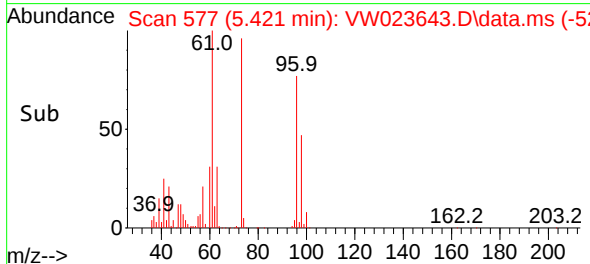
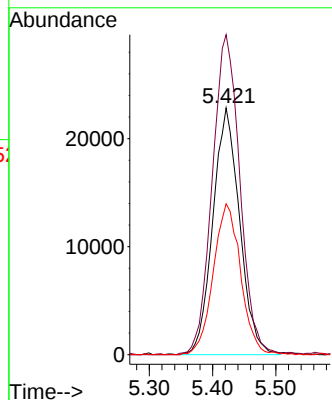
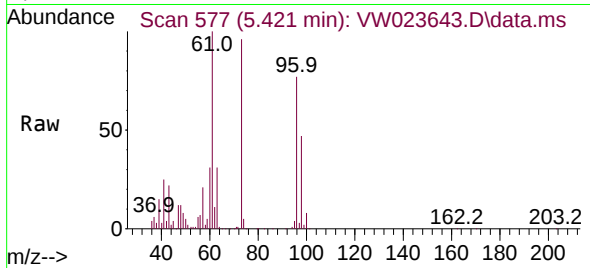




#17
trans-1,2-Dichloroethene
Concen: 23.640 ug/L
RT: 5.421 min Scan# 517
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

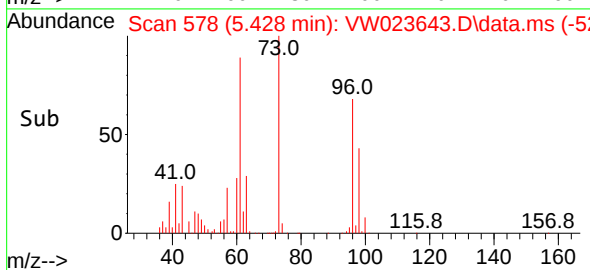
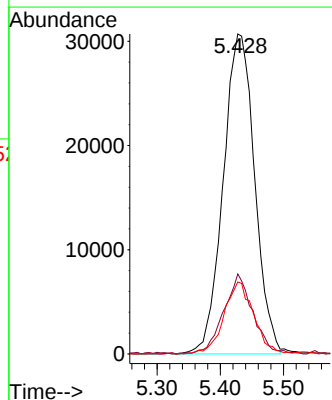
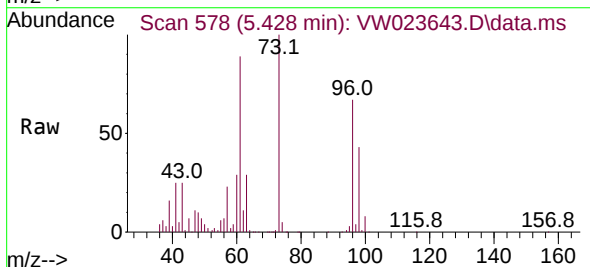
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

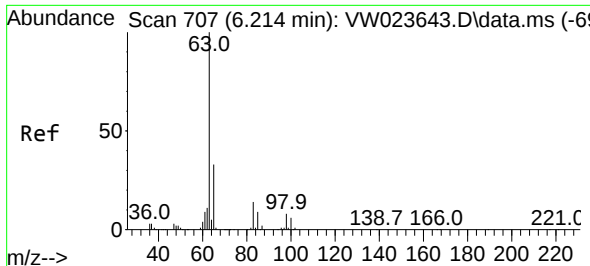
Tgt Ion: 96 Resp: 66994
Ion Ratio Lower Upper
96 100
61 129.7 90.8 168.6
98 61.2 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 24.283 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

Tgt Ion: 73 Resp: 106080
Ion Ratio Lower Upper
73 100
43 22.0 17.6 26.4
57 21.0 16.8 25.2





#19

1,1-Dichloroethane

Concen: 23.986 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023643.D

Acq: 13 Jul 2022 12:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025452

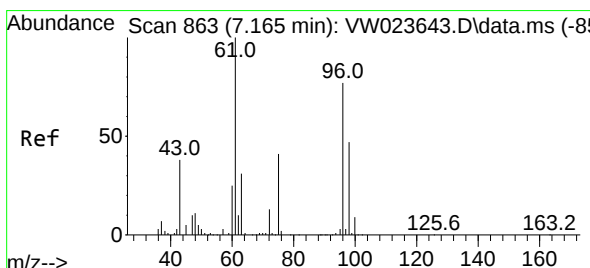
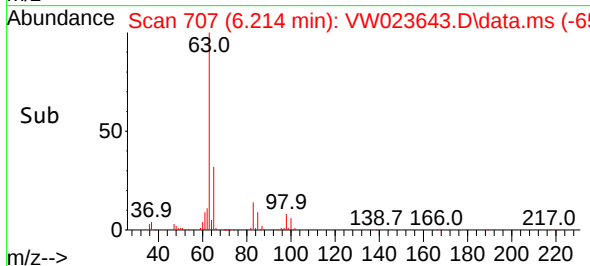
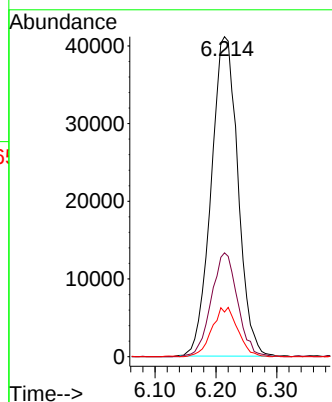
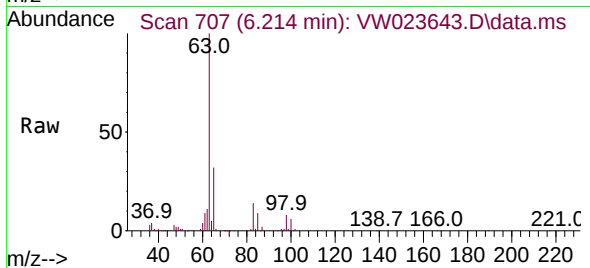
Tgt Ion: 63 Resp: 125385

Ion Ratio Lower Upper

63 100

65 32.4 22.7 42.1

83 13.9 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 23.838 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW023643.D

Acq: 13 Jul 2022 12:31

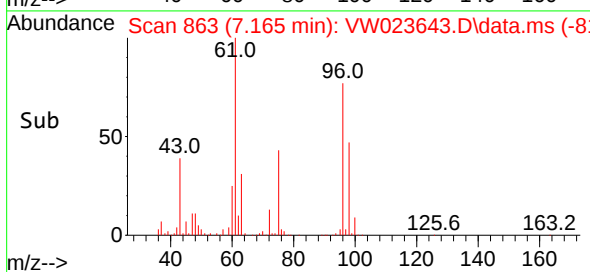
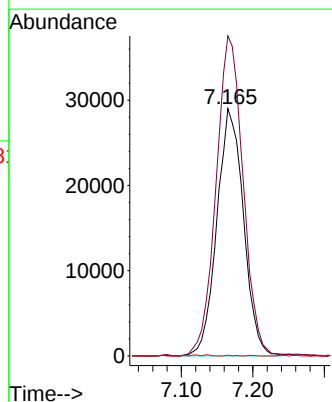
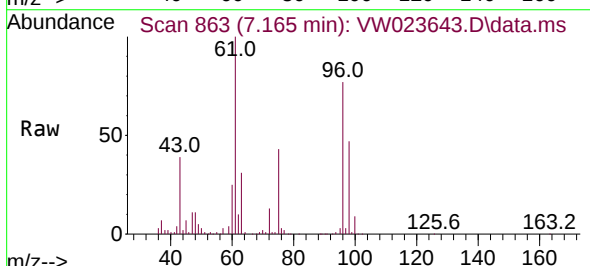
Tgt Ion: 96 Resp: 74899

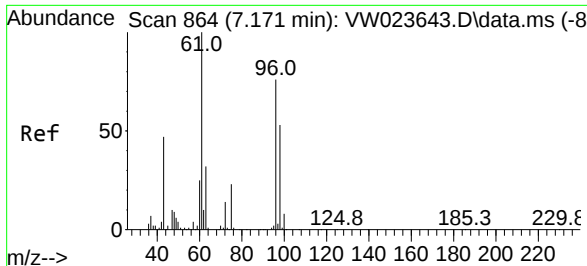
Ion Ratio Lower Upper

96 100

61 129.4 90.6 168.2

68 0.3 0.2 0.4

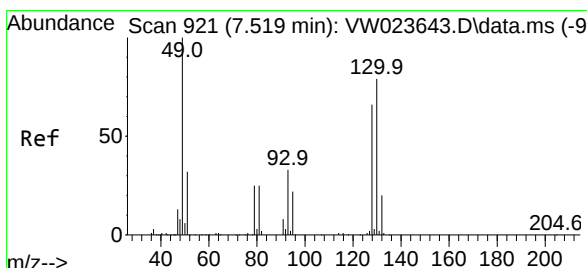
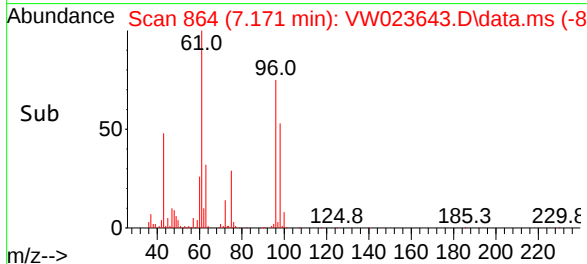
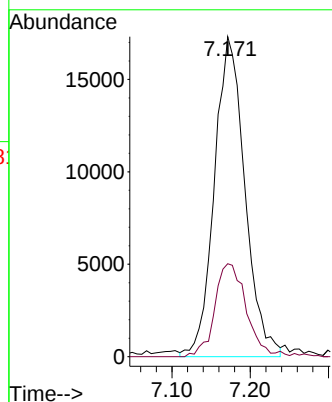
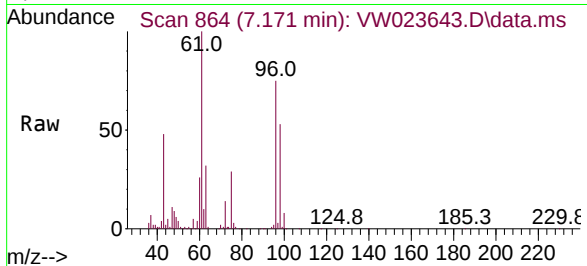




#22
2-Butanone
Concen: 46.491 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

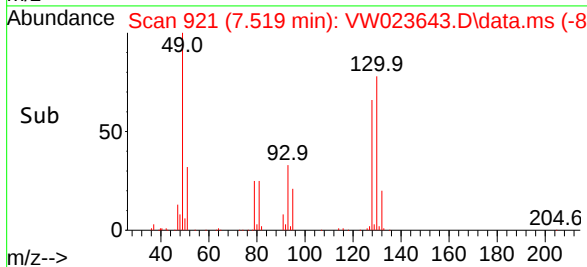
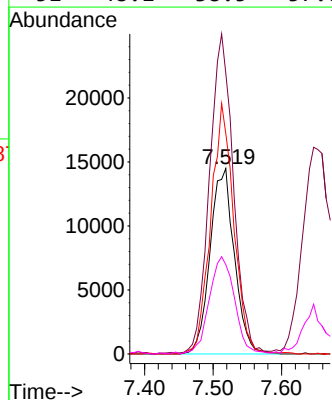
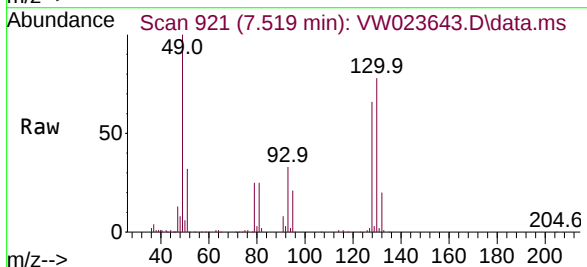
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

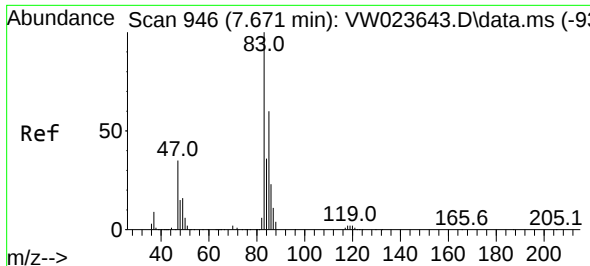
Tgt Ion: 43 Resp: 46905
Ion Ratio Lower Upper
43 100
72 29.4 14.7 44.1



#23
Bromochloromethane
Concen: 23.649 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

Tgt Ion: 128 Resp: 35667
Ion Ratio Lower Upper
128 100
49 151.4 106.0 196.8
130 118.8 83.2 154.4
51 48.1 38.5 57.7

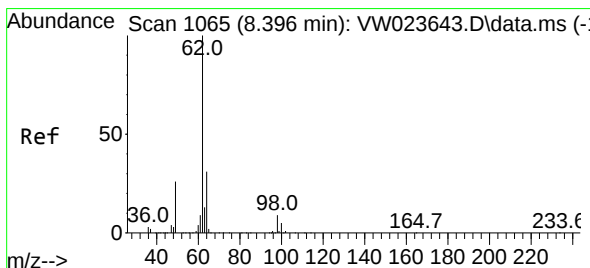
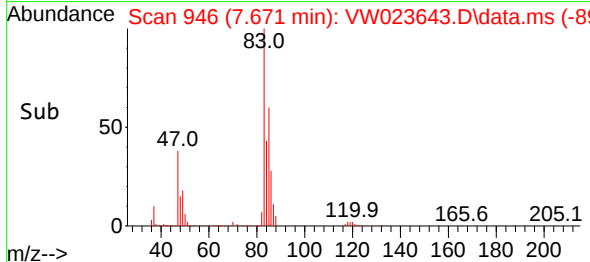
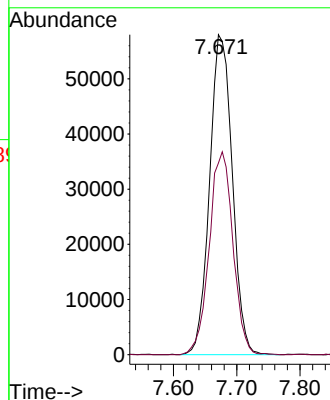
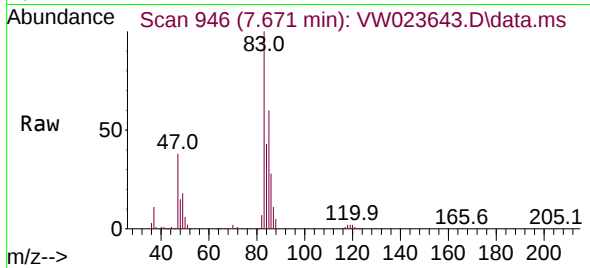




#25
Chloroform
Concen: 23.951 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

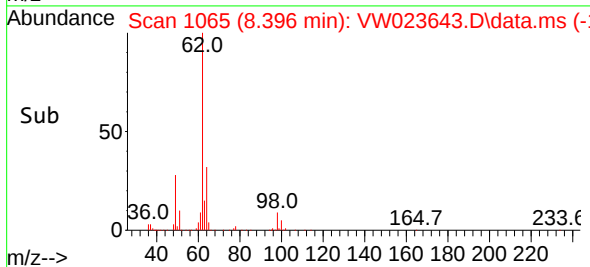
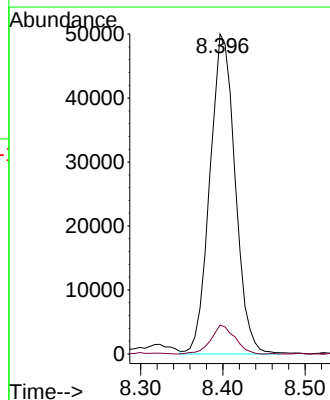
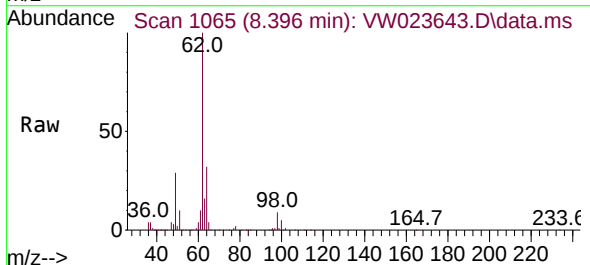
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

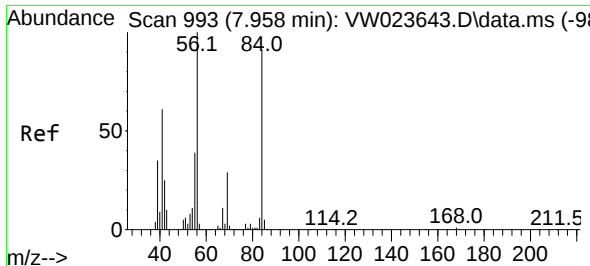
Tgt Ion: 83 Resp: 144239
Ion Ratio Lower Upper
83 100
85 59.9 41.9 77.9



#27
1,2-Dichloroethane
Concen: 24.127 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

Tgt Ion: 62 Resp: 106939
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8

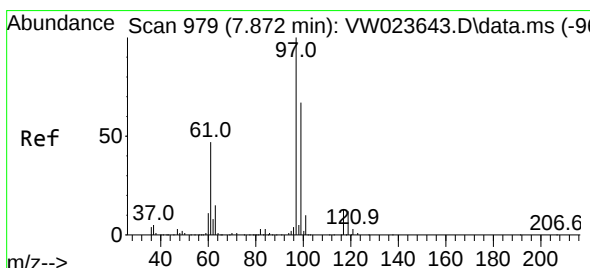
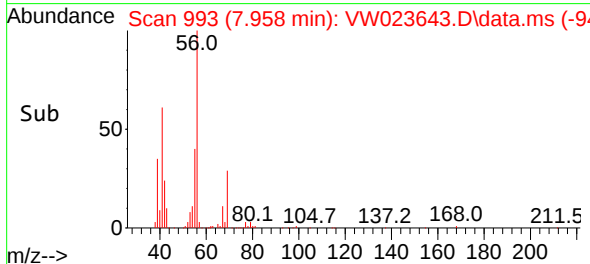
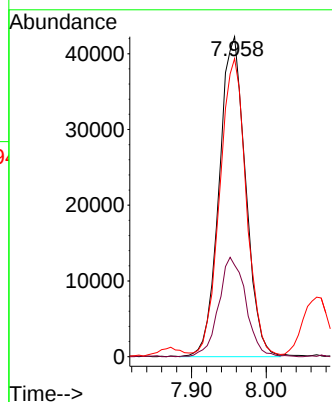
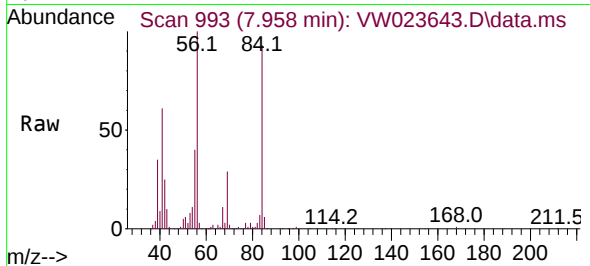




#29
Cyclohexane
Concen: 24.771 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

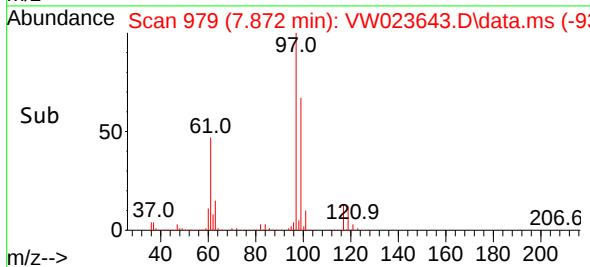
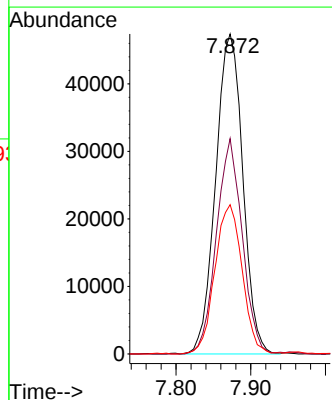
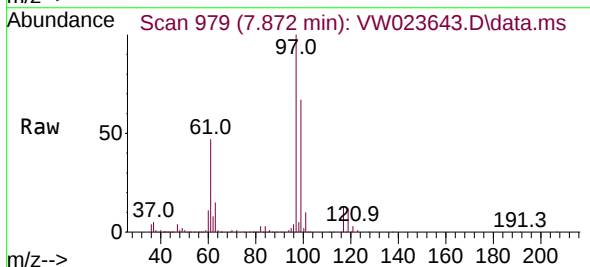
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

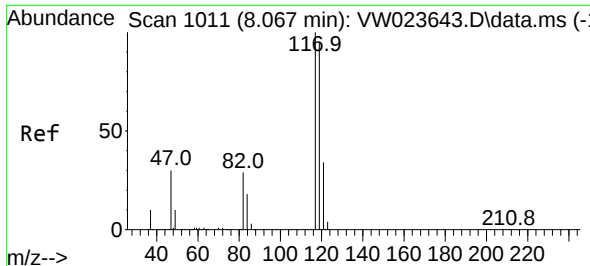
Tgt Ion: 56 Resp: 103807
Ion Ratio Lower Upper
56 100
69 31.7 25.4 38.0
84 93.7 75.0 112.4



#30
1,1,1-Trichloroethane
Concen: 24.163 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

Tgt Ion: 97 Resp: 119882
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 46.9 37.5 56.3

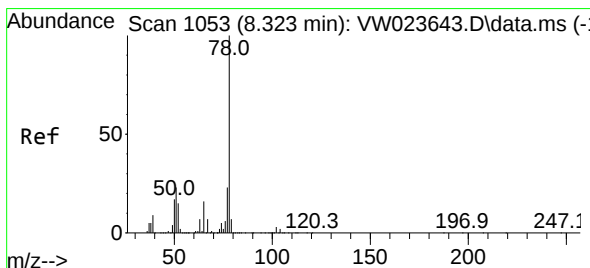
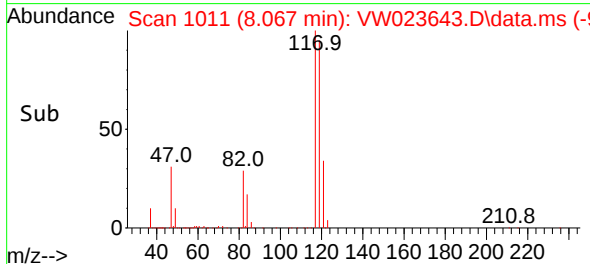
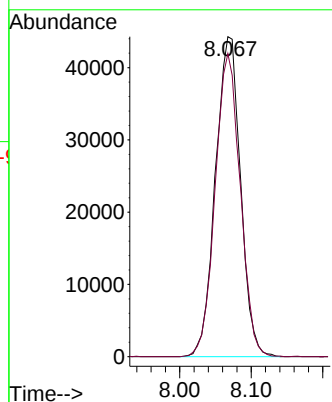
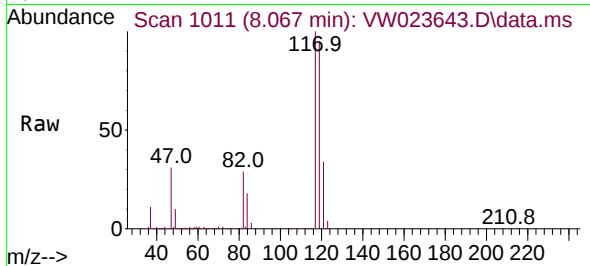




#31
Carbon tetrachloride
Concen: 24.108 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

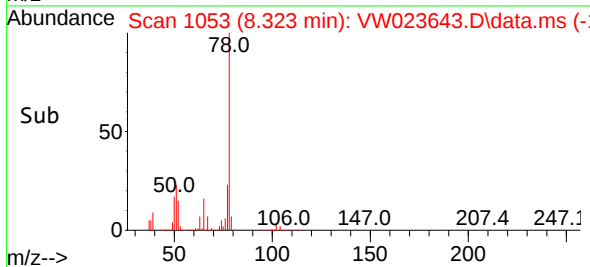
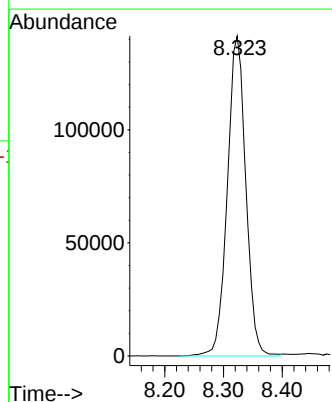
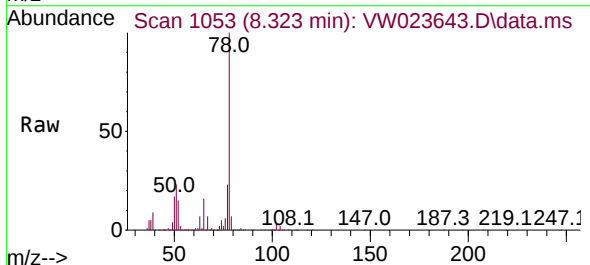
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

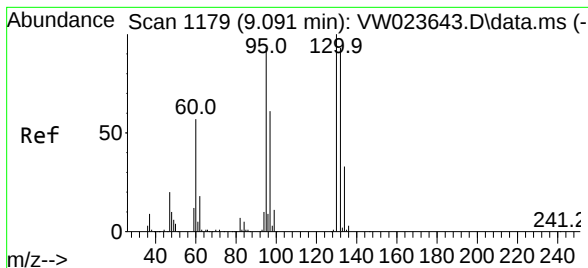
Tgt Ion:117 Resp: 107821
Ion Ratio Lower Upper
117 100
119 94.6 75.7 113.5



#33
Benzene
Concen: 23.746 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

Tgt Ion: 78 Resp: 309201





#34

Trichloroethene

Concen: 22.873 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023643.D

Acq: 13 Jul 2022 12:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025452

Tgt Ion: 95 Resp: 78648

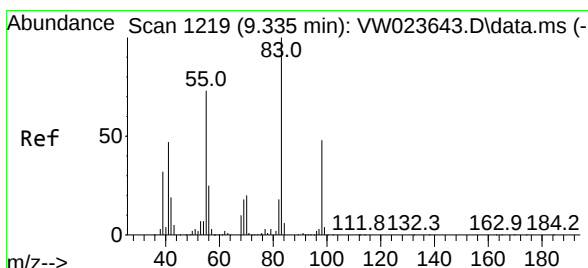
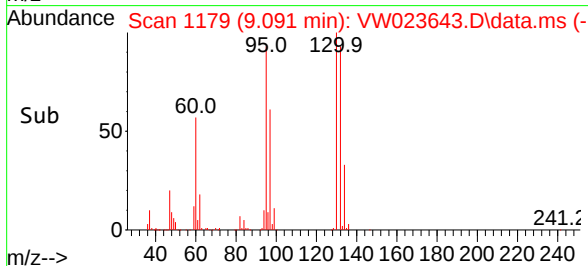
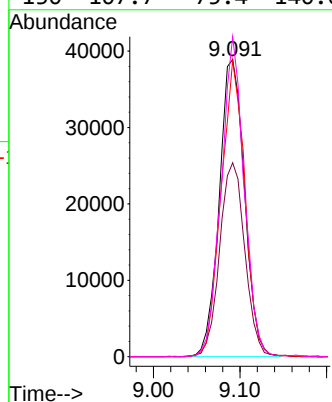
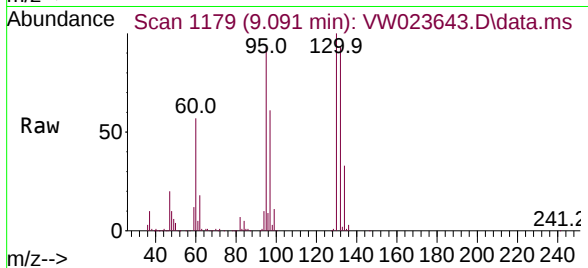
Ion Ratio Lower Upper

95 100

97 65.2 45.6 84.8

132 99.8 69.9 129.7

130 107.7 75.4 140.0



#35

Methylcyclohexane

Concen: 24.335 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023643.D

Acq: 13 Jul 2022 12:31

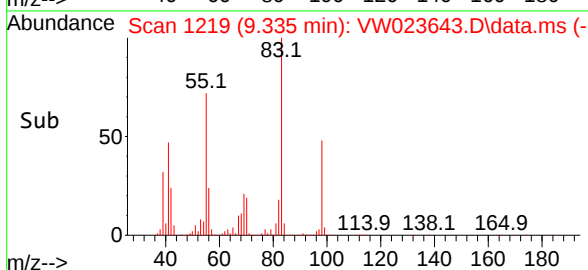
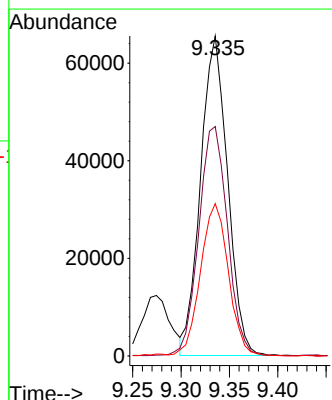
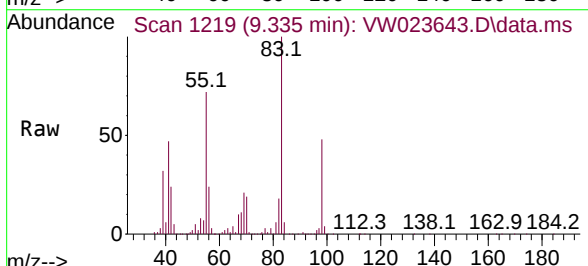
Tgt Ion: 83 Resp: 127416

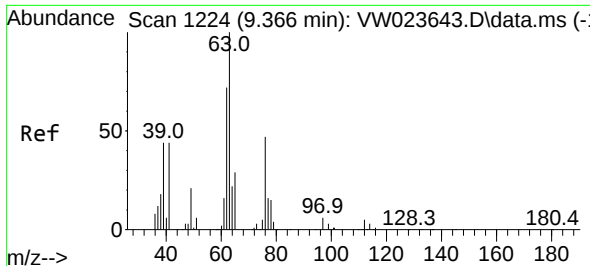
Ion Ratio Lower Upper

83 100

55 76.0 60.8 91.2

98 49.4 39.5 59.3





#37

1,2-Dichloropropane

Concen: 24.019 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023643.D

Acq: 13 Jul 2022 12:31

Instrument :

MSVOA_W

ClientSampleId :

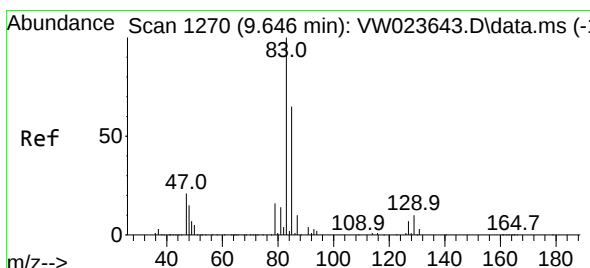
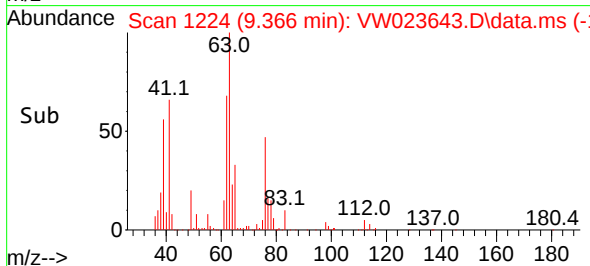
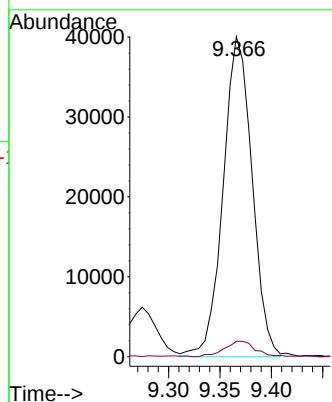
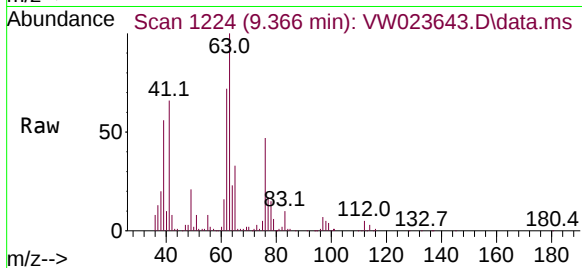
VSTD025452

Tgt Ion: 63 Resp: 78408

Ion Ratio Lower Upper

63 100

112 5.2 4.2 6.2



#38

Bromodichloromethane

Concen: 24.601 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023643.D

Acq: 13 Jul 2022 12:31

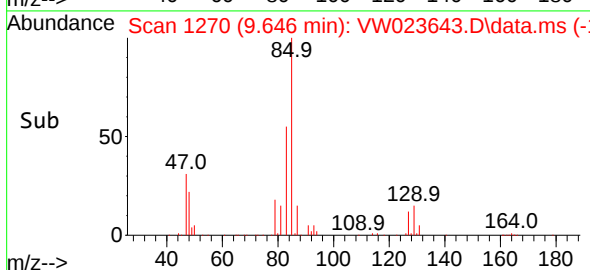
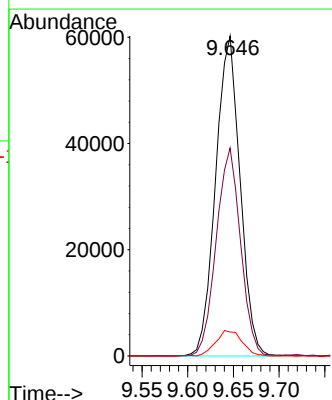
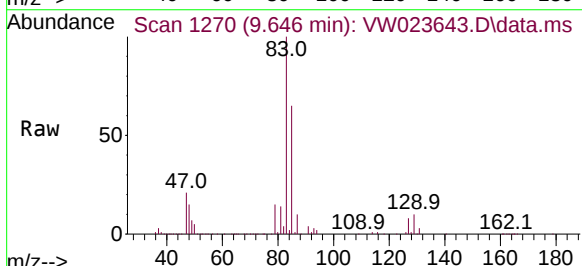
Tgt Ion: 83 Resp: 112085

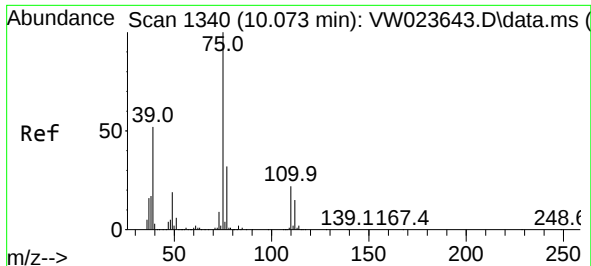
Ion Ratio Lower Upper

83 100

85 65.0 45.5 84.5

127 7.5 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 24.700 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023643.D

Acq: 13 Jul 2022 12:31

Instrument :

MSVOA_W

ClientSampleId :

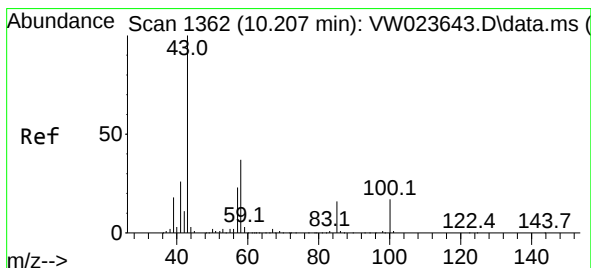
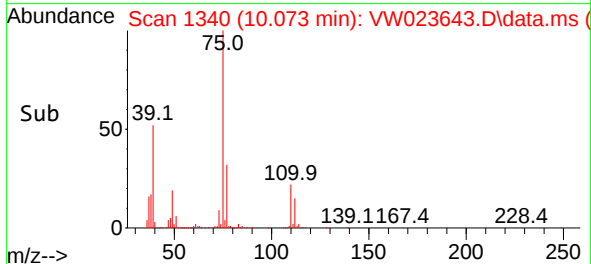
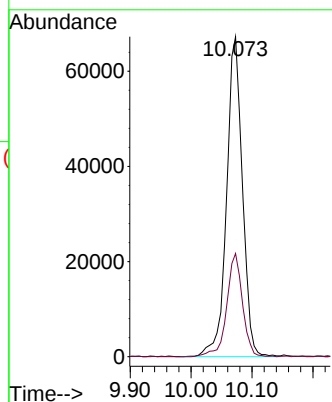
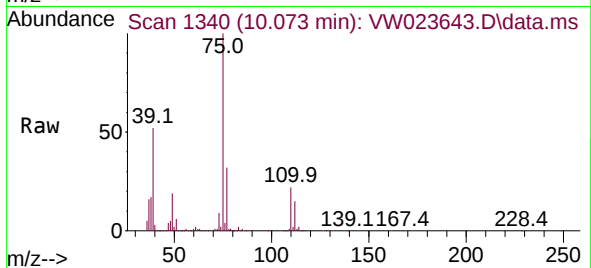
VSTD025452

Tgt Ion: 75 Resp: 121530

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 49.997 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023643.D

Acq: 13 Jul 2022 12:31

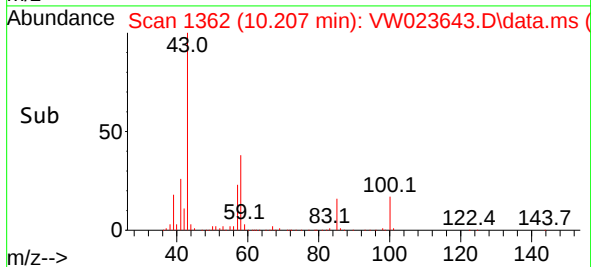
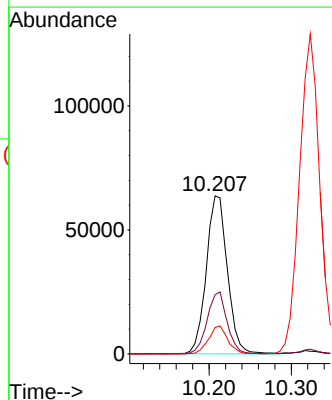
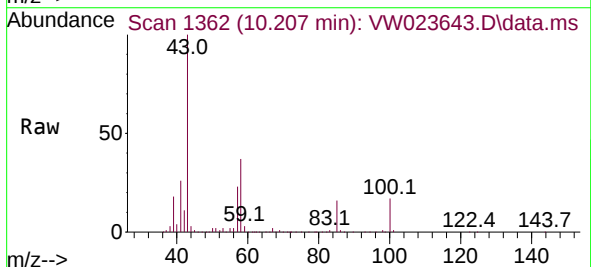
Tgt Ion: 43 Resp: 113575

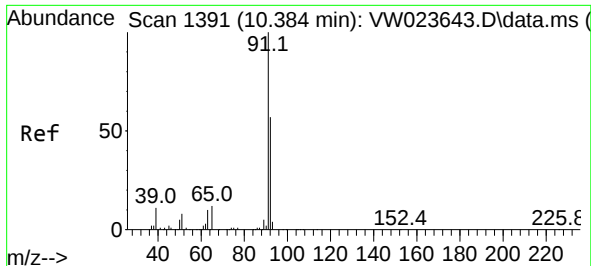
Ion Ratio Lower Upper

43 100

58 37.3 29.8 44.8

100 16.2 13.0 19.4

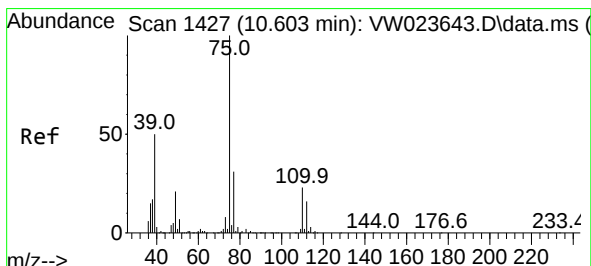
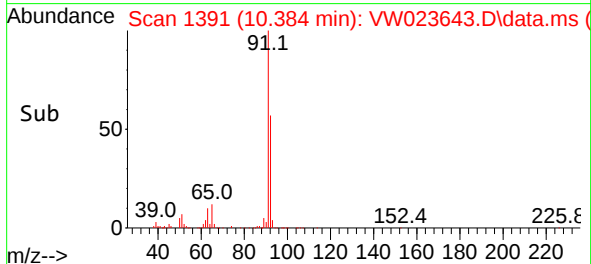
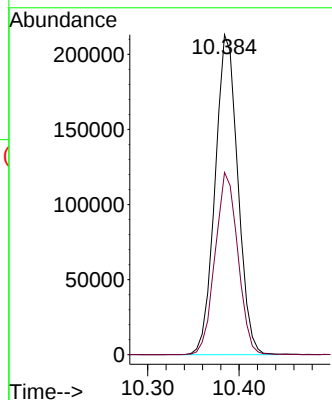
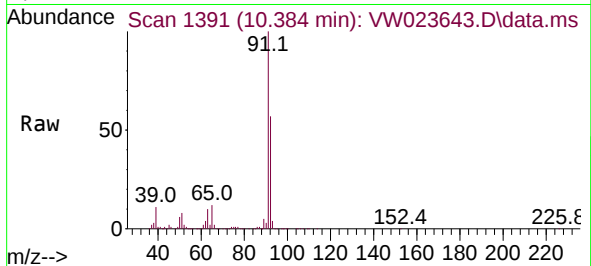




#42
Toluene
Concen: 24.814 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

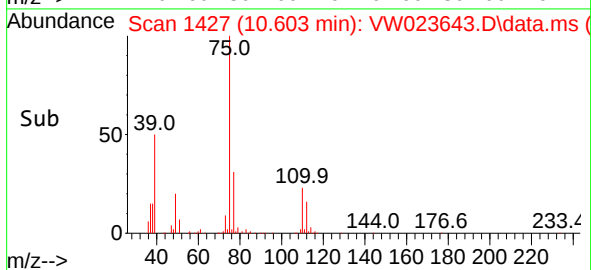
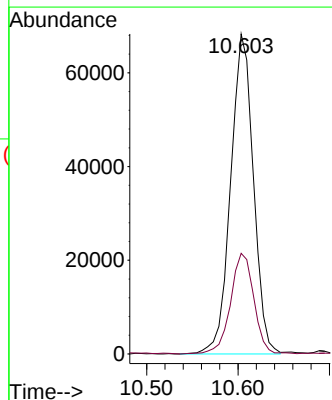
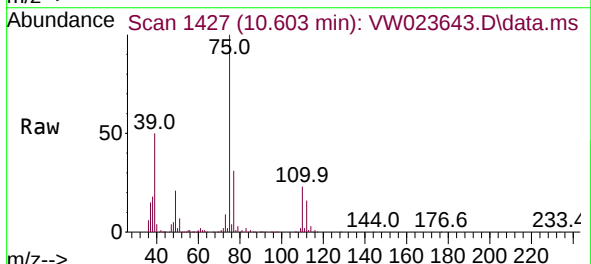
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

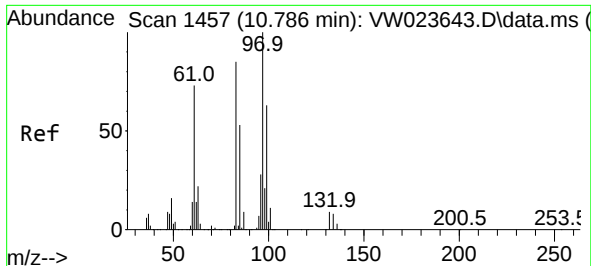
Tgt Ion: 91 Resp: 368486
Ion Ratio Lower Upper
91 100
92 57.0 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 25.231 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

Tgt Ion: 75 Resp: 117995
Ion Ratio Lower Upper
75 100
77 31.5 22.0 41.0

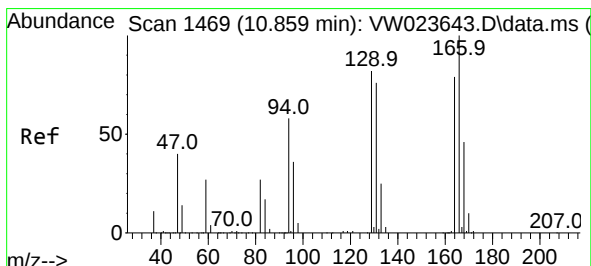
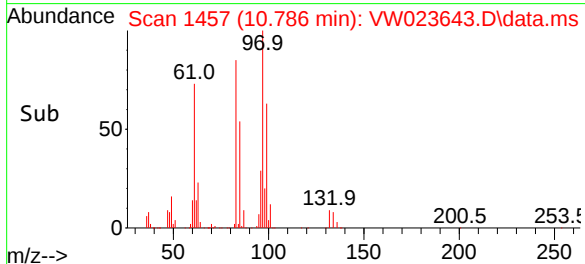
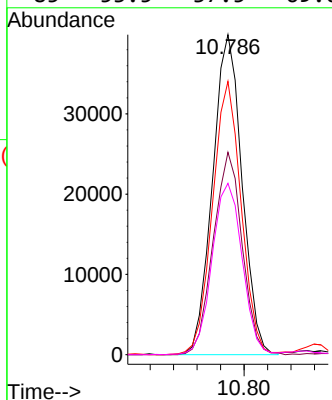
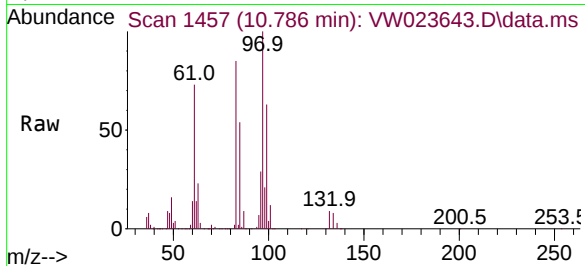




#45
1,1,2-Trichloroethane
Concen: 24.297 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

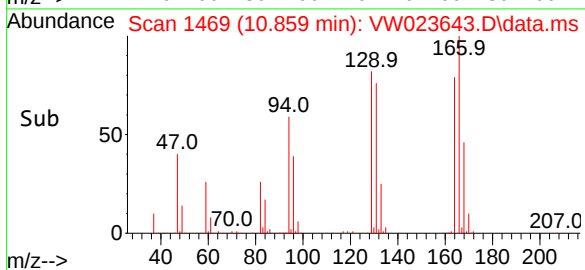
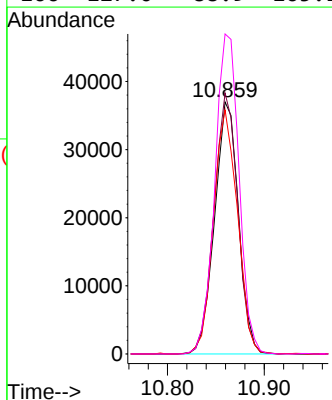
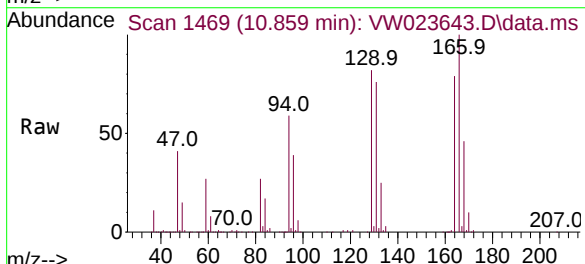
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

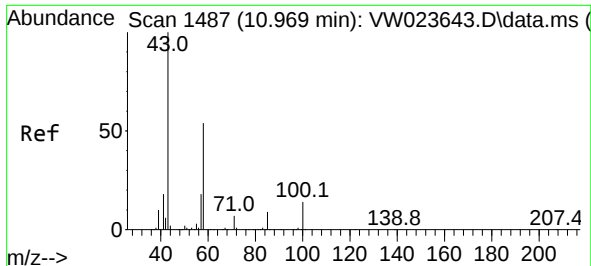
Tgt Ion:	97	Resp:	69353
Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.2	82.2
83	85.4	59.8	111.0
85	53.5	37.5	69.6



#46
Tetrachloroethene
Concen: 23.786 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

Tgt Ion:	164	Resp:	63240
Ion	Ratio	Lower	Upper
164	100		
129	103.5	72.4	134.5
131	96.8	67.8	125.8
166	127.0	88.9	165.1

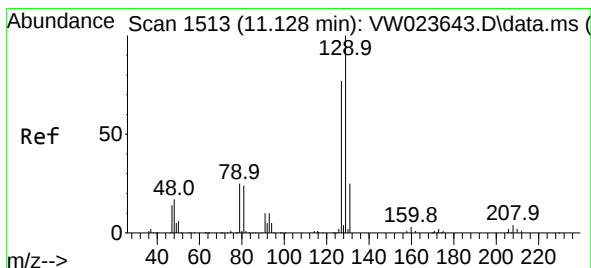
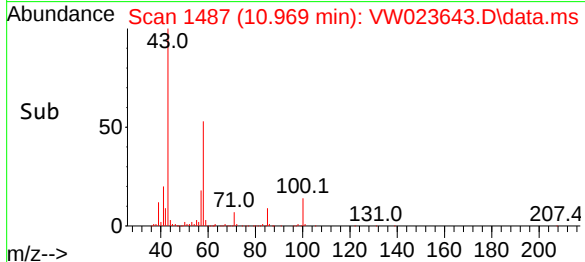
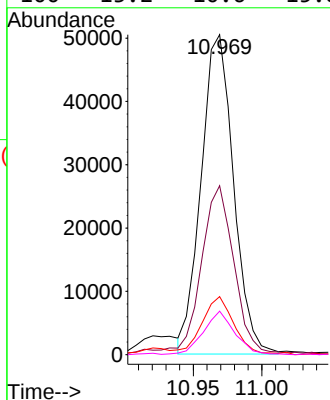
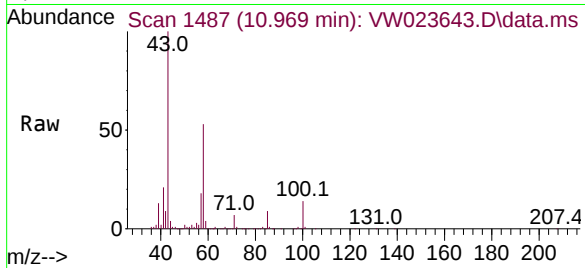




#48
2-Hexanone
Concen: 51.189 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

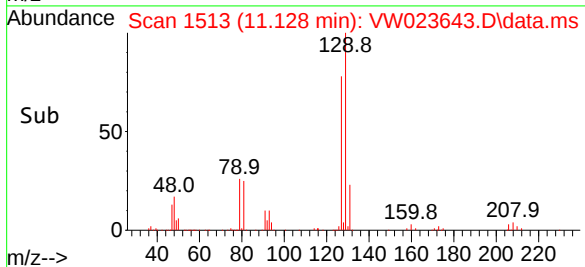
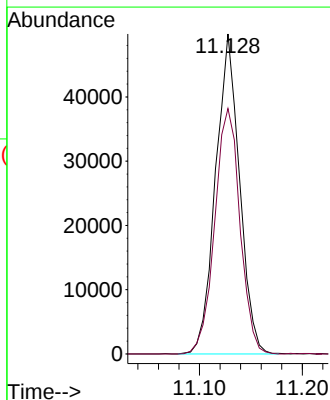
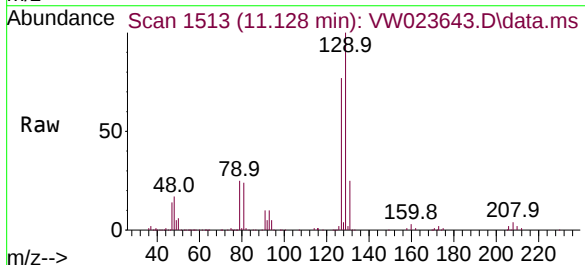
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

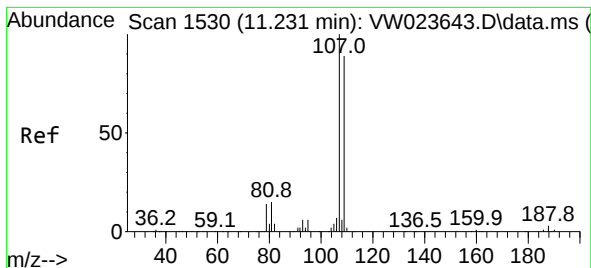
Tgt Ion: 43	Resp: 83191
Ion Ratio	Lower Upper
43 100	
58 52.0	41.6 62.4
57 18.2	14.6 21.8
100 13.2	10.6 15.8



#49
Dibromochloromethane
Concen: 24.302 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

Tgt Ion:129	Resp: 80445		
Ion Ratio	Lower	Upper	
129 100			
127 76.7	53.7	99.7	

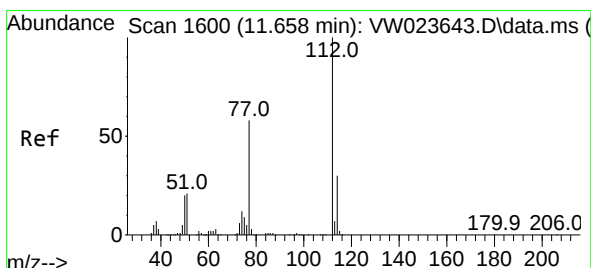
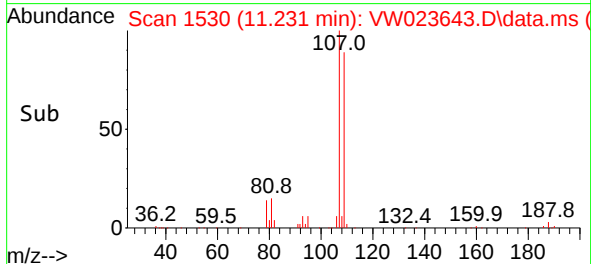
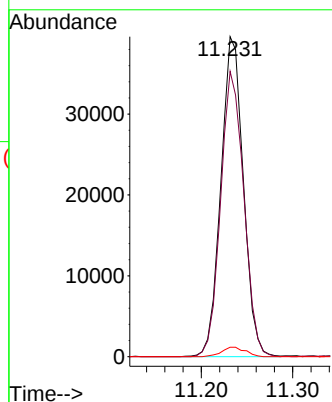
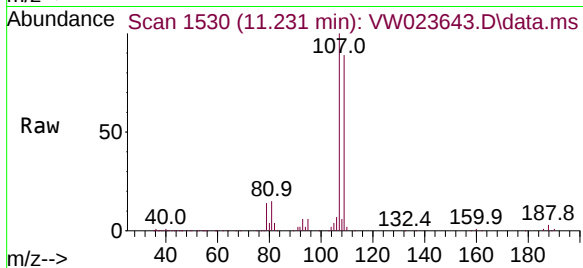




#50
1,2-Dibromoethane
Concen: 24.689 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

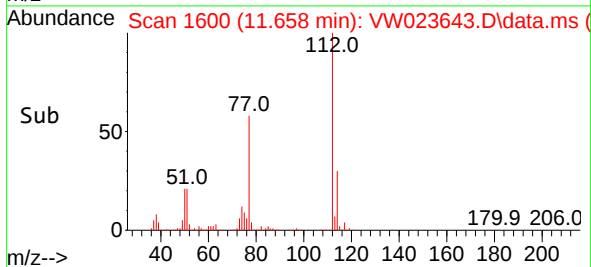
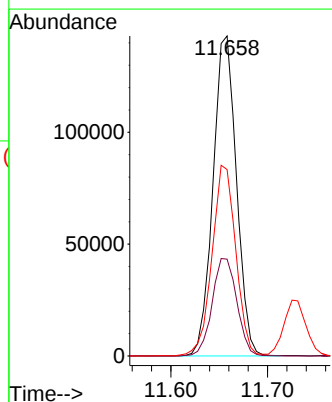
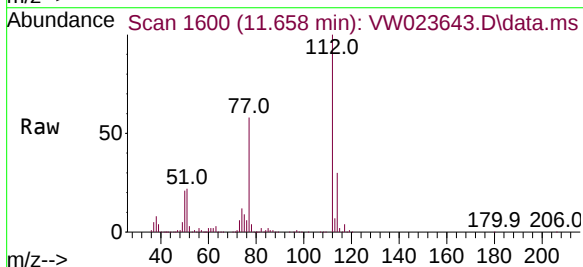
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

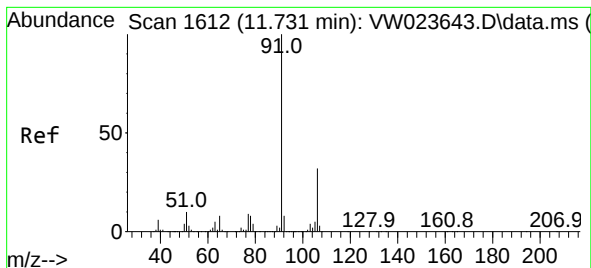
Tgt Ion:107 Resp: 67706
Ion Ratio Lower Upper
107 100
109 89.2 62.4 116.0
188 2.9 2.3 3.5



#51
Chlorobenzene
Concen: 24.089 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

Tgt Ion:112 Resp: 241261
Ion Ratio Lower Upper
112 100
114 30.2 21.1 39.3
77 58.2 46.6 69.8

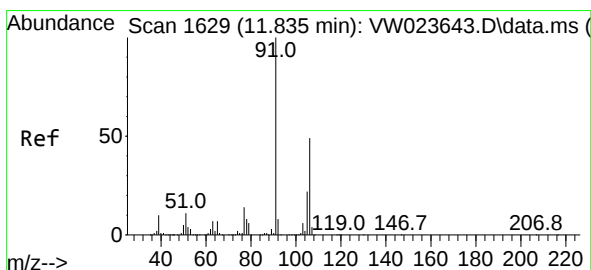
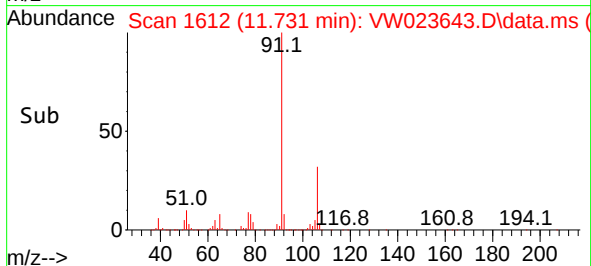
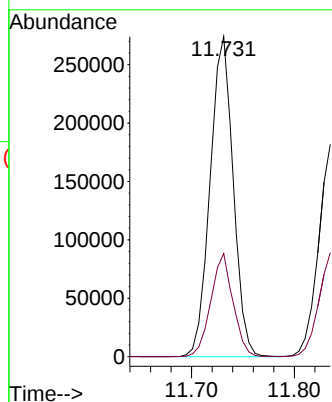
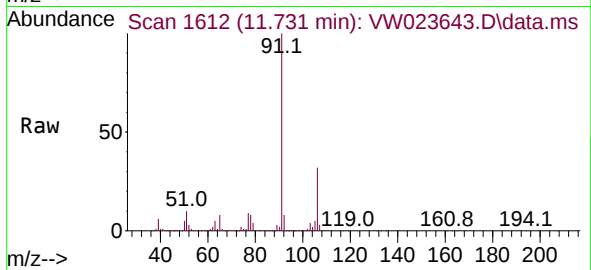




#52
Ethylbenzene
Concen: 25.364 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

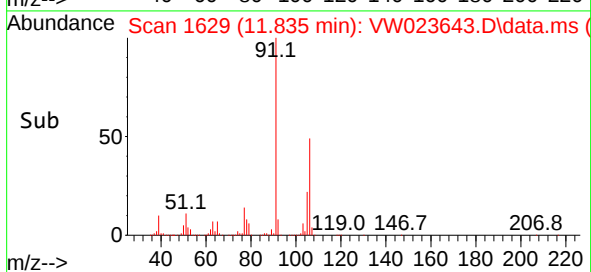
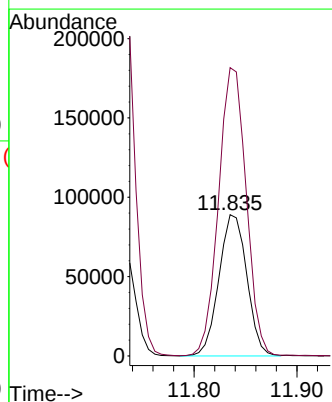
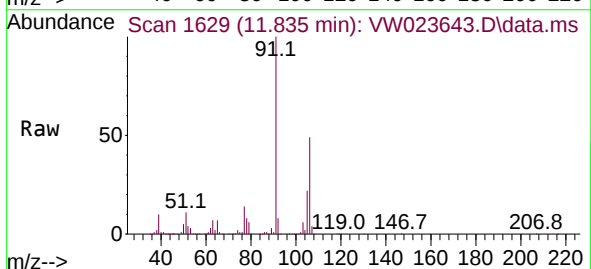
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

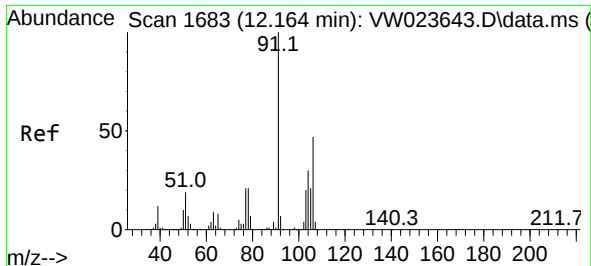
Tgt Ion: 91 Resp: 428014
Ion Ratio Lower Upper
91 100
106 32.2 22.5 41.9



#53
m,p-Xylene
Concen: 25.490 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

Tgt Ion: 106 Resp: 167828
Ion Ratio Lower Upper
106 100
91 204.0 142.8 265.2

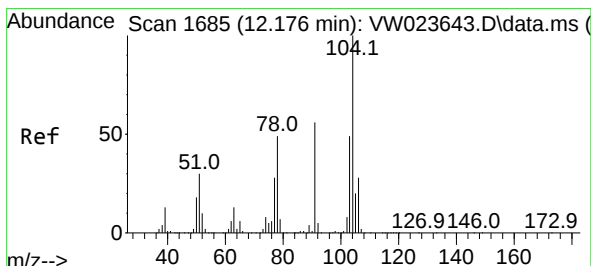
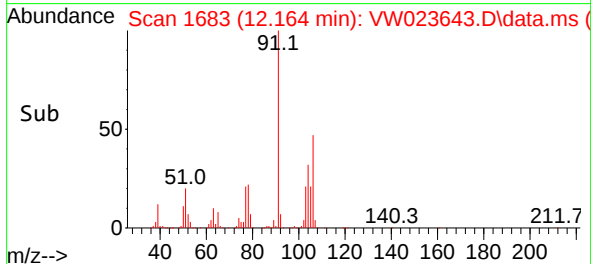
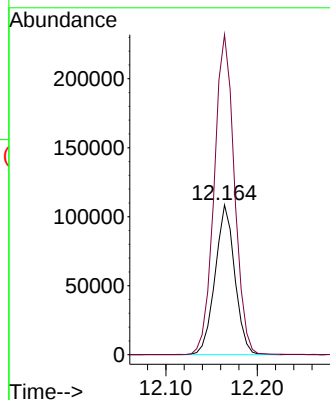
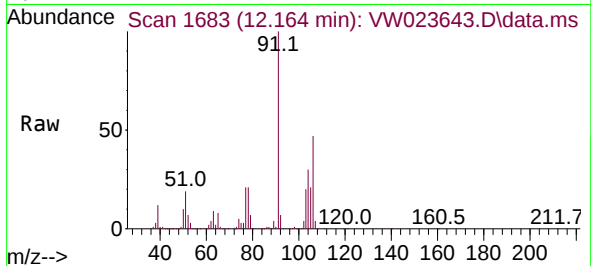




#54
o-Xylene
Concen: 25.700 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

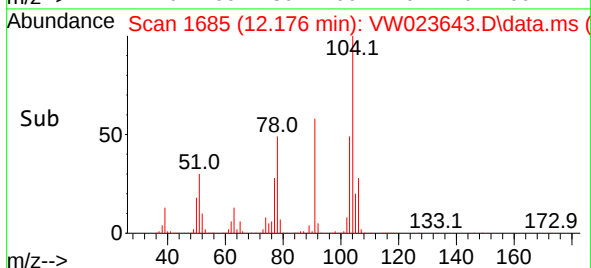
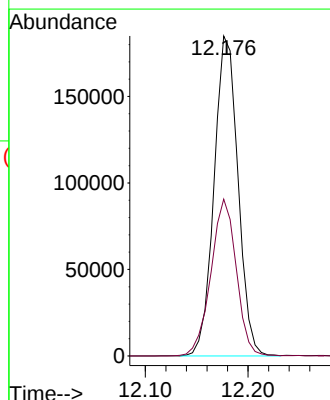
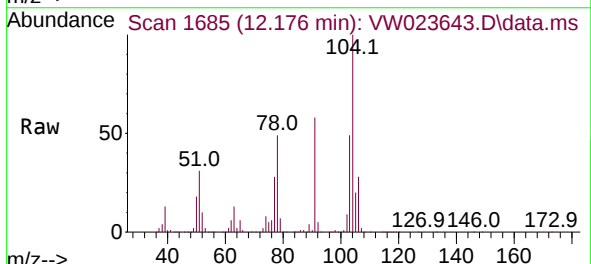
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

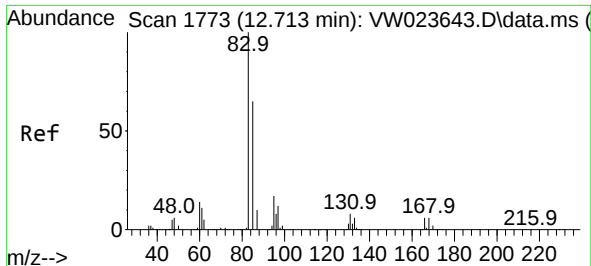
Tgt Ion:106 Resp: 162498
Ion Ratio Lower Upper
106 100
91 213.7 149.6 277.8



#55
Styrene
Concen: 26.726 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

Tgt Ion:104 Resp: 298537
Ion Ratio Lower Upper
104 100
78 49.0 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 24.729 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023643.D

Acq: 13 Jul 2022 12:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025452

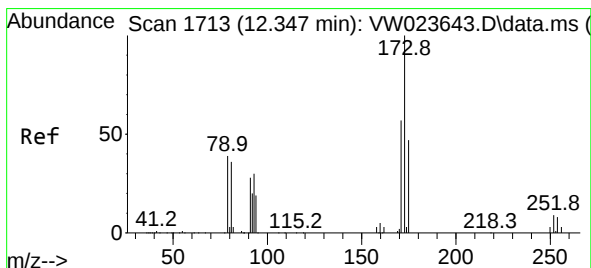
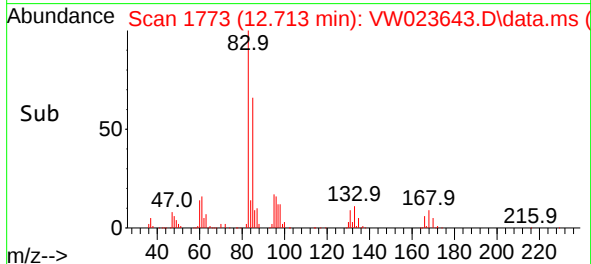
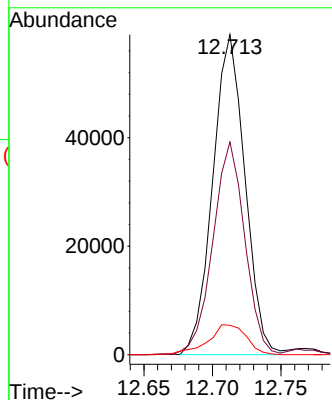
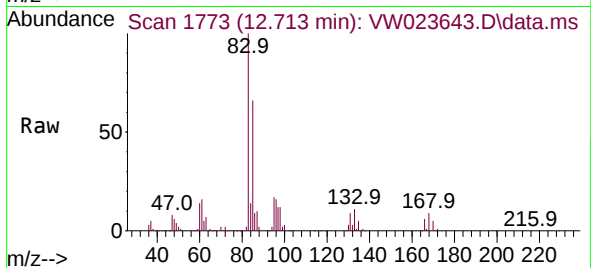
Tgt Ion: 83 Resp: 96281

Ion Ratio Lower Upper

83 100

85 66.4 46.5 86.3

131 9.2 7.4 11.0



#59

Bromoform

Concen: 23.394 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023643.D

Acq: 13 Jul 2022 12:31

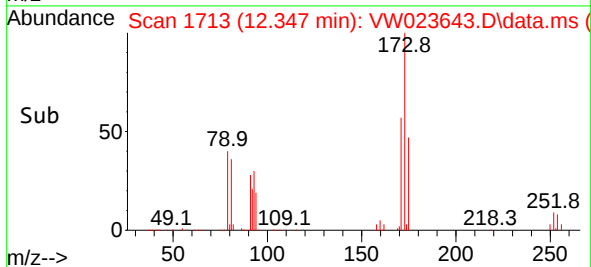
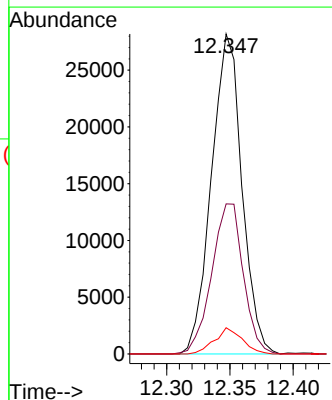
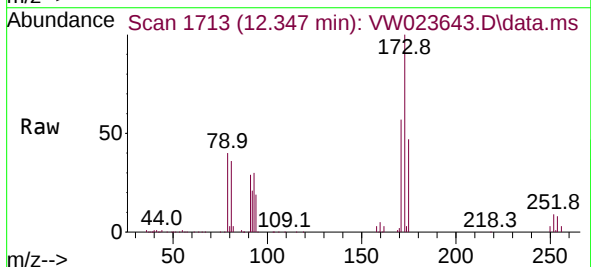
Tgt Ion: 173 Resp: 47184

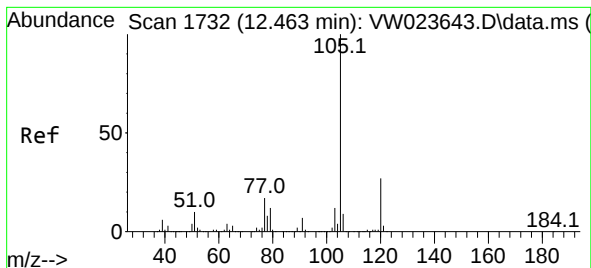
Ion Ratio Lower Upper

173 100

175 48.6 38.9 58.3

254 7.4 5.9 8.9





#60

Isopropylbenzene

Concen: 24.986 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023643.D

Acq: 13 Jul 2022 12:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025452

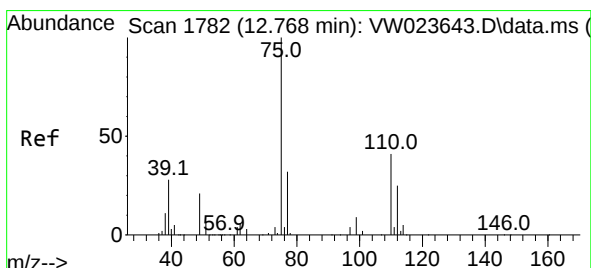
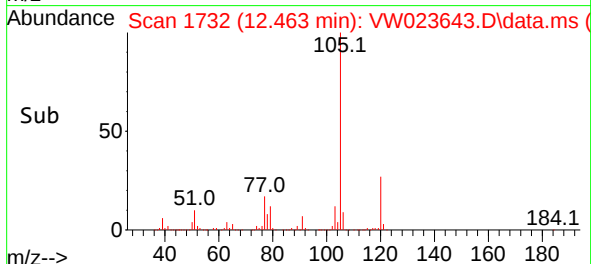
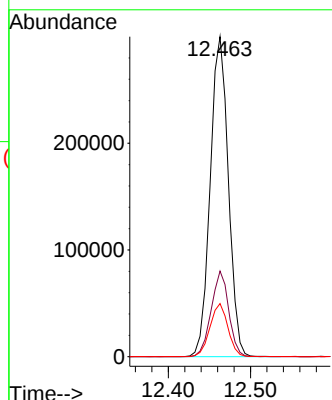
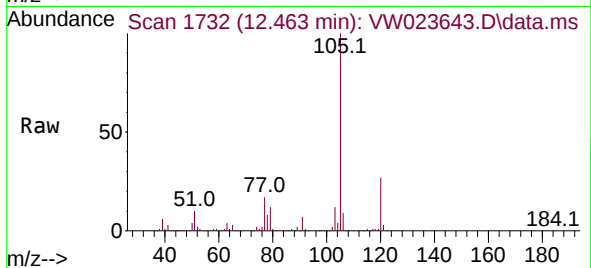
Tgt Ion:105 Resp: 459105

Ion Ratio Lower Upper

105 100

120 25.9 20.7 31.1

77 16.5 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 22.885 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023643.D

Acq: 13 Jul 2022 12:31

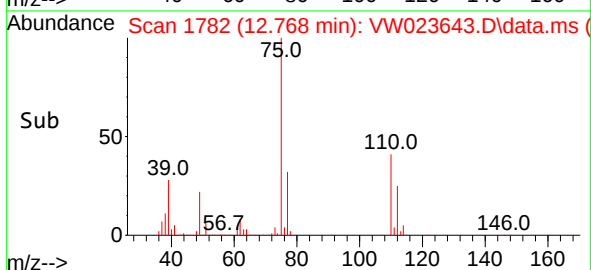
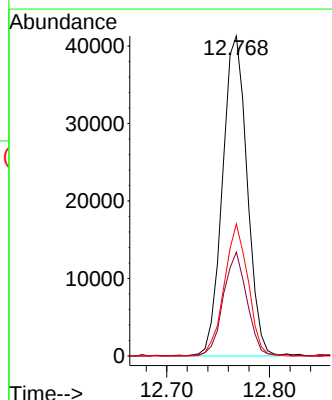
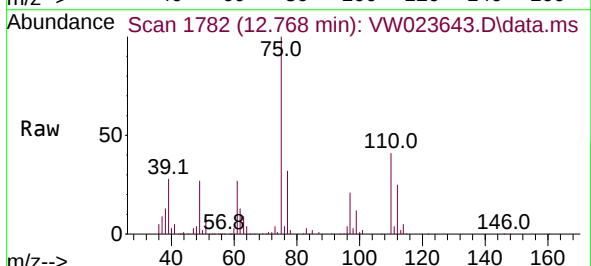
Tgt Ion: 75 Resp: 68638

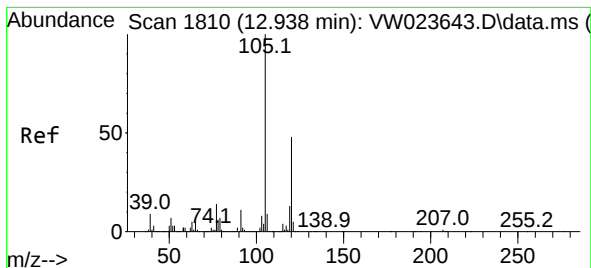
Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4

110 39.9 31.9 47.9

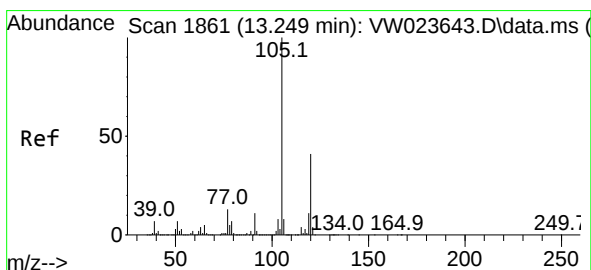
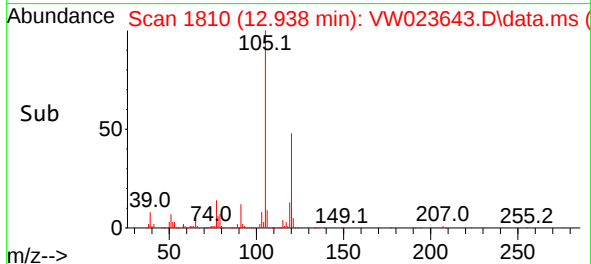
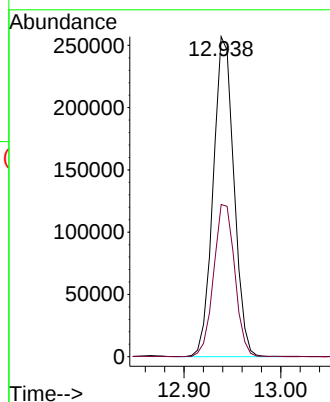
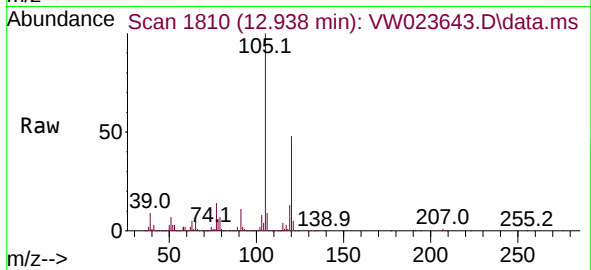




#62
 1,3,5-Trimethylbenzene
 Concen: 25.451 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW023643.D
 Acq: 13 Jul 2022 12:31

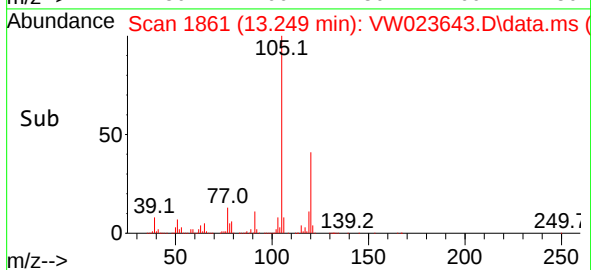
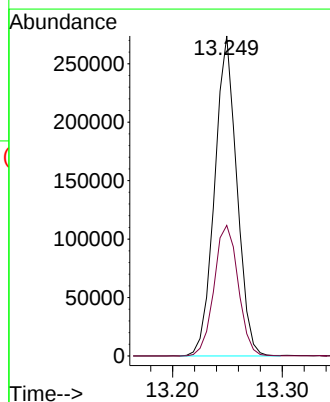
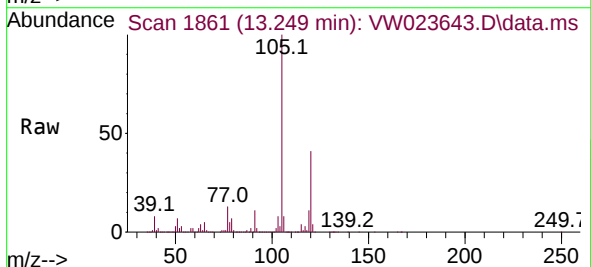
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025452

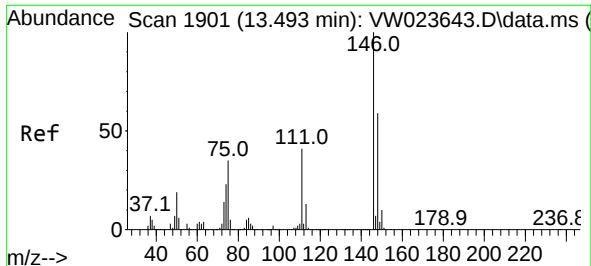
Tgt Ion:105 Resp: 382865
 Ion Ratio Lower Upper
 105 100
 120 48.4 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 25.595 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW023643.D
 Acq: 13 Jul 2022 12:31

Tgt Ion:105 Resp: 384945
 Ion Ratio Lower Upper
 105 100
 120 44.4 35.5 53.3

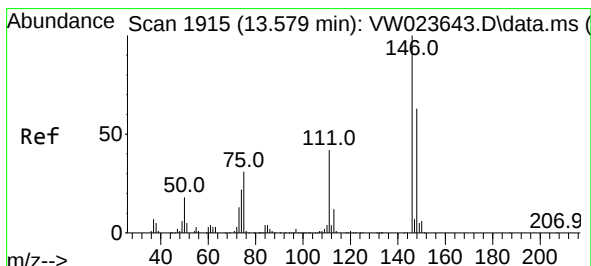
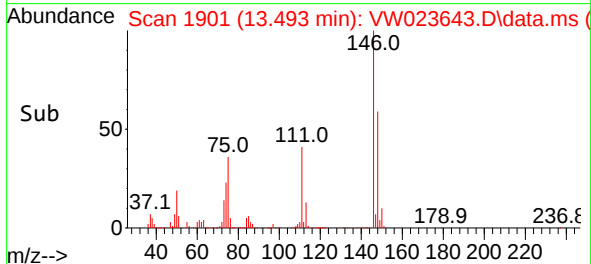
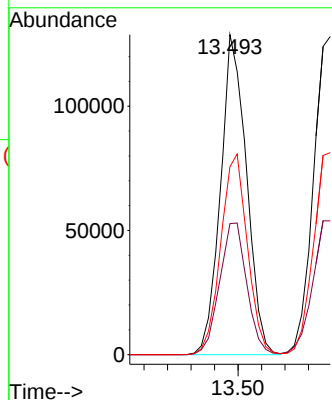
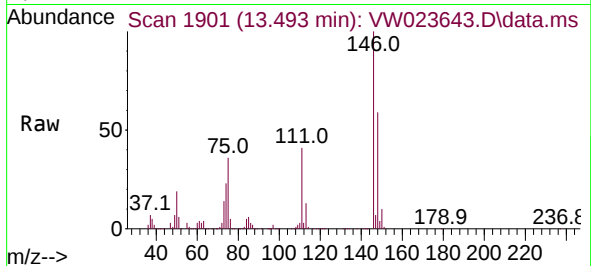




#64
1,3-Dichlorobenzene
Concen: 23.698 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

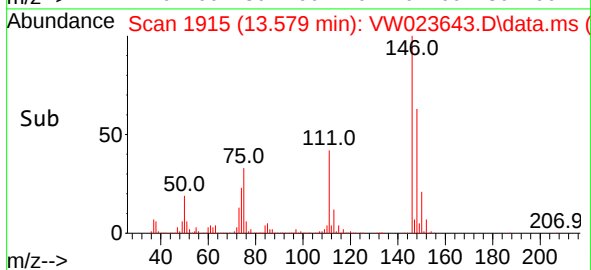
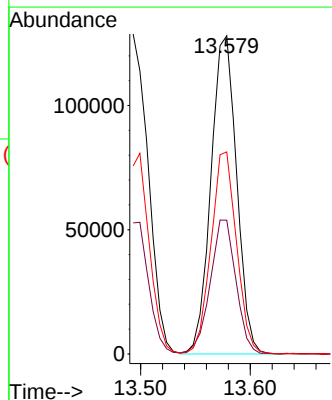
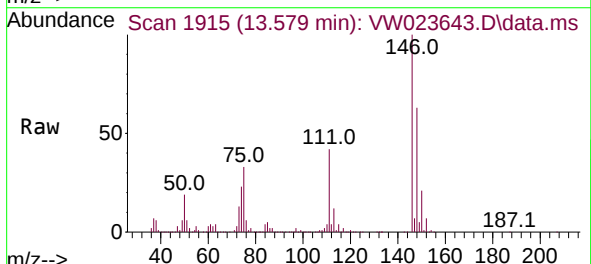
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

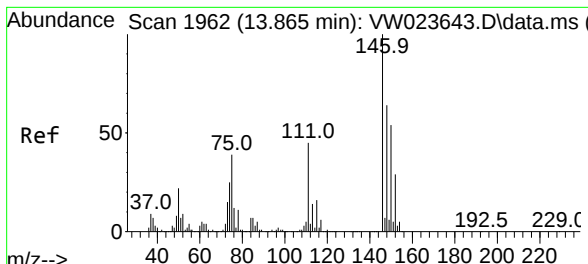
Tgt Ion:146 Resp: 197702
Ion Ratio Lower Upper
146 100
111 40.9 28.6 53.2
148 58.8 41.2 76.4



#65
1,4-Dichlorobenzene
Concen: 23.557 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023643.D
Acq: 13 Jul 2022 12:31

Tgt Ion:146 Resp: 209084
Ion Ratio Lower Upper
146 100
111 42.0 29.4 54.6
148 63.5 44.4 82.5

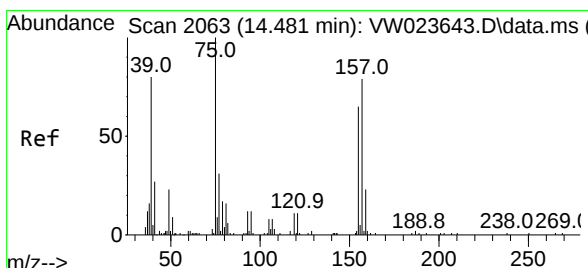
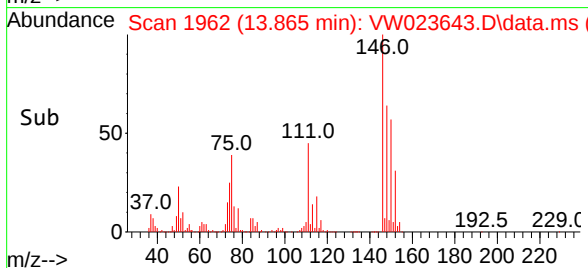
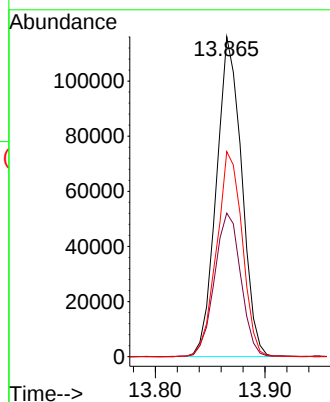
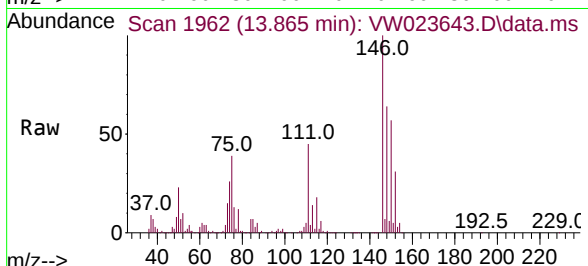




#67
 1,2-Dichlorobenzene
 Concen: 23.625 ug/L
 RT: 13.865 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VW023643.D
 Acq: 13 Jul 2022 12:31

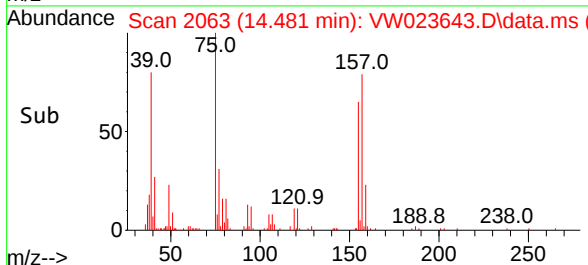
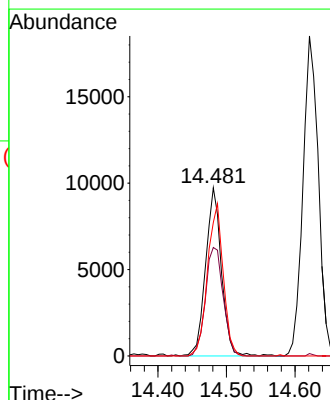
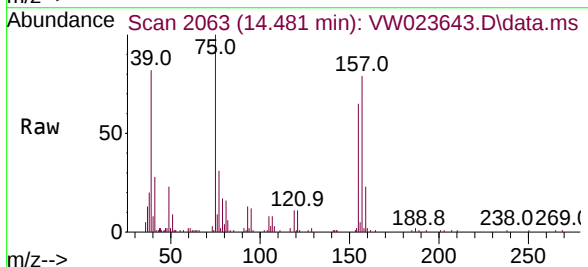
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025452

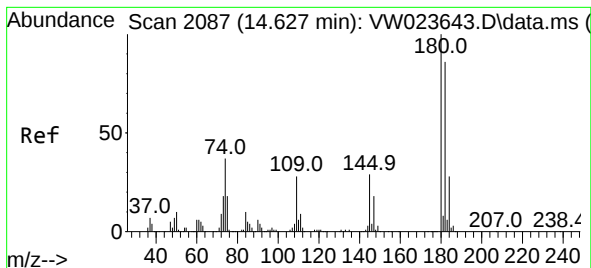
Tgt Ion:146 Resp: 185880
 Ion Ratio Lower Upper
 146 100
 111 44.9 35.9 53.9
 148 64.1 51.3 76.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 22.645 ug/L
 RT: 14.481 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VW023643.D
 Acq: 13 Jul 2022 12:31

Tgt Ion: 75 Resp: 15665
 Ion Ratio Lower Upper
 75 100
 155 64.6 51.7 77.5
 157 79.4 63.5 95.3





#69

1,3,5-Trichlorobenzene

Concen: 24.653 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW023643.D

Acq: 13 Jul 2022 12:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025452

Tgt Ion:180 Resp: 136129

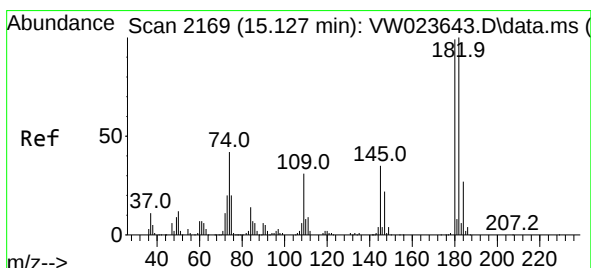
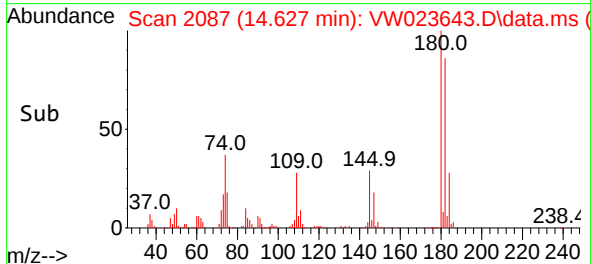
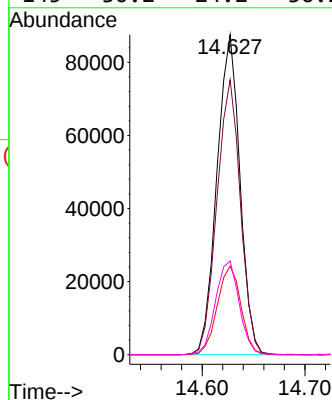
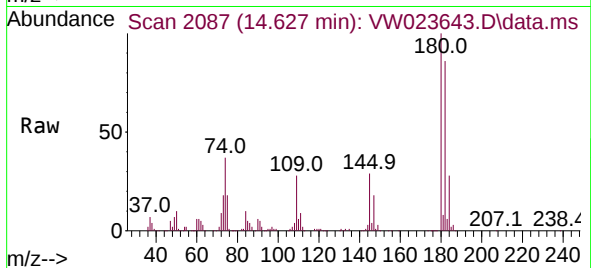
Ion Ratio Lower Upper

180 100

182 87.7 70.2 105.2

184 28.3 22.6 34.0

145 30.2 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 24.457 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023643.D

Acq: 13 Jul 2022 12:31

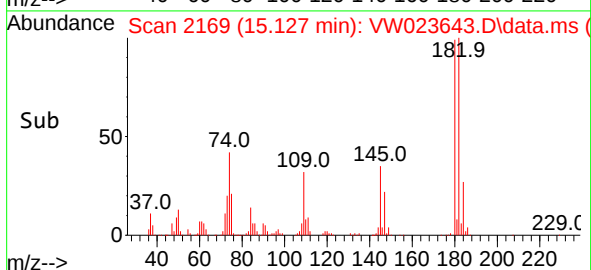
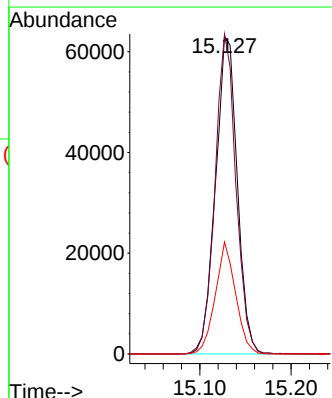
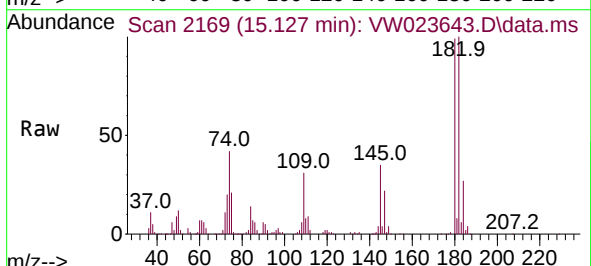
Tgt Ion:180 Resp: 104280

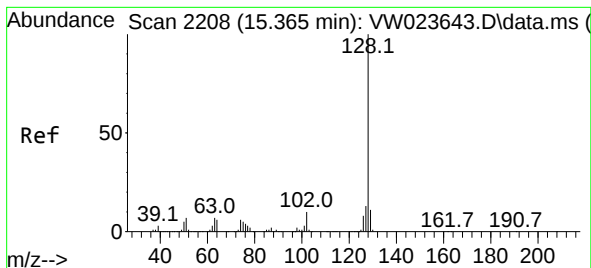
Ion Ratio Lower Upper

180 100

182 96.9 77.5 116.3

145 32.9 26.3 39.5





#71

Naphthalene

Concen: 24.798 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VW023643.D

Acq: 13 Jul 2022 12:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025452

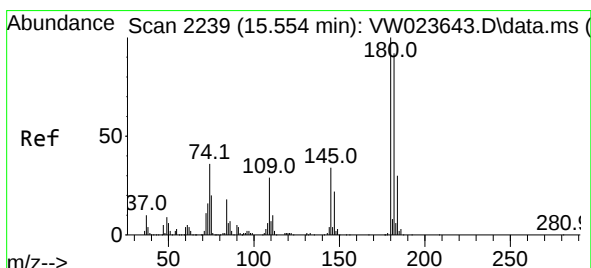
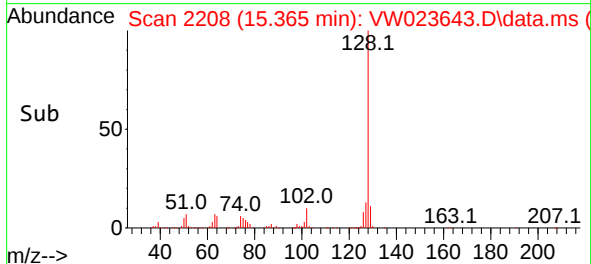
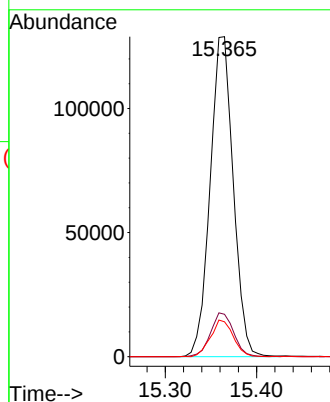
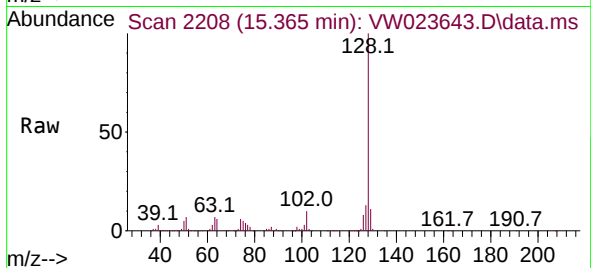
Tgt Ion:128 Resp: 226808

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

129 11.2 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 24.584 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW023643.D

Acq: 13 Jul 2022 12:31

Tgt Ion:180 Resp: 97702

Ion Ratio Lower Upper

180 100

182 95.4 76.3 114.5

145 34.7 27.8 41.6

