

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023645.D
 Acq On : 13 Jul 2022 13:20
 Operator : SY/VA
 Sample : VSTD10054
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100454

Quant Time: Jul 14 01:28:25 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	277716	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	309668	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	174167	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	716878	101.568	ug/L	0.00
7) Chloroethane-d5	2.873	69	485403	103.430	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	575600	99.969	ug/L	0.00
21) 2-Butanone-d5	7.080	46	209068	194.600	ug/L	0.00
24) Chloroform-d	7.647	84	800033	98.945	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	499615	101.030	ug/L	0.00
32) Benzene-d6	8.268	84	1643445	102.093	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	468147	96.547	ug/L	0.00
41) Toluene-d8	10.323	98	1741168	106.636	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	249774	109.894	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	220113	215.878	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	508204	94.839	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	647974	104.220	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	237701	126.861	ug/L	100
3) Chloromethane	2.215	50	456433	98.759	ug/L	97
5) Vinyl chloride	2.355	62	674914	85.043	ug/L	100
6) Bromomethane	2.763	94	394444	76.840	ug/L	95
8) Chloroethane	2.910	64	340081	91.596	ug/L	99
9) Trichlorofluoromethane	3.245	101	297901	82.578	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	299772	85.407	ug/L	97
12) 1,1-Dichloroethene	4.038	96	265478	90.502	ug/L	91
13) Acetone	4.123	43	104699	149.182	ug/L	94
14) Carbon disulfide	4.379	76	738047	85.226	ug/L	99
15) Methyl Acetate	4.665	43	148810	89.734	ug/L	99
16) Methylene chloride	4.915	84	304547	70.153	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	322338	90.245	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	532623	96.737	ug/L	99
19) 1,1-Dichloroethane	6.208	63	599278	90.956	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	378127	95.483	ug/L #	99
22) 2-Butanone	7.171	43	221537	174.219	ug/L	99
23) Bromochloromethane	7.513	128	177191	93.214	ug/L	92
25) Chloroform	7.677	83	704917	92.870	ug/L	93
27) 1,2-Dichloroethane	8.397	62	519135	92.929	ug/L	97
29) Cyclohexane	7.951	56	538562	95.091	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	583183	86.977	ug/L	99
31) Carbon tetrachloride	8.067	117	541747	89.631	ug/L	99
33) Benzene	8.323	78	1631009	92.684	ug/L	100
34) Trichloroethene	9.091	95	410360	88.307	ug/L	94
35) Methylcyclohexane	9.335	83	679186	95.983	ug/L	98
37) 1,2-Dichloropropane	9.366	63	399260	90.498	ug/L	98
38) Bromodichloromethane	9.646	83	572858	93.036	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	674492	101.433	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	600654	195.651	ug/L	97
42) Toluene	10.384	91	2024801	100.892	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	668242	105.730	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023645.D
 Acq On : 13 Jul 2022 13:20
 Operator : SY/VA
 Sample : VSTD10054
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100454

Quant Time: Jul 14 01:28:25 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

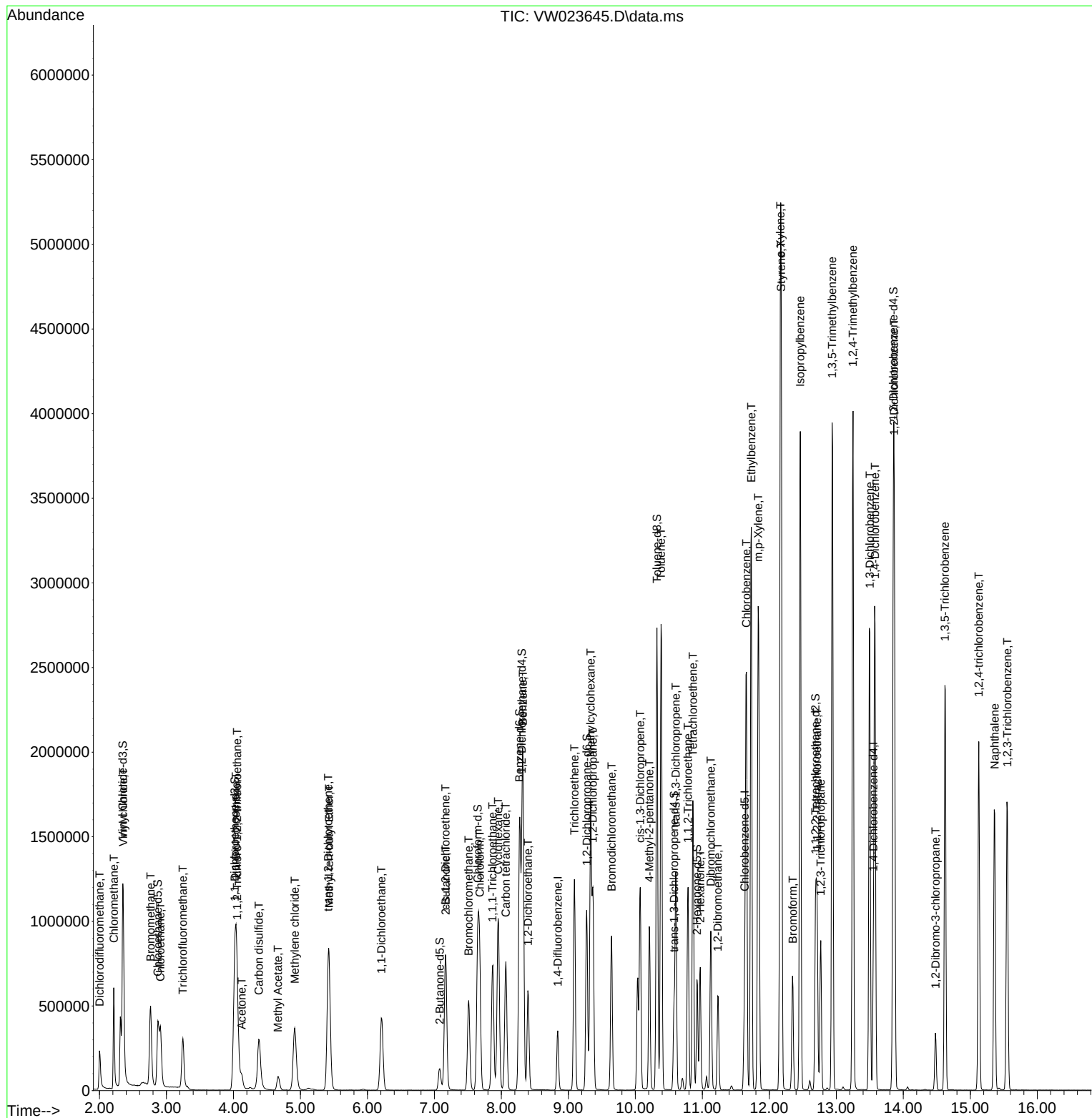
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	357653	92.713	ug/L	98
46) Tetrachloroethene	10.859	164	335562	93.389	ug/L	96
48) 2-Hexanone	10.969	43	440838	200.714	ug/L	96
49) Dibromochloromethane	11.128	129	460153	102.859	ug/L	100
50) 1,2-Dibromoethane	11.231	107	361974	97.669	ug/L	99
51) Chlorobenzene	11.658	112	1310159	96.796	ug/L	96
52) Ethylbenzene	11.731	91	2314989	101.509	ug/L	98
53) m,p-Xylene	11.835	106	933139	104.871	ug/L	97
54) o-Xylene	12.164	106	926699	108.446	ug/L	99
55) Styrene	12.176	104	1659989	109.961	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	485263	92.223	ug/L	95
59) Bromoform	12.353	173	283939	110.560	ug/L	99
60) Isopropylbenzene	12.463	105	2528945	108.094	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	342355	89.646	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	2118107	110.581	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	2132126	111.336	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	1100487	103.599	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	1086473	96.138	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	1018600	101.675	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	81864	92.940	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.621	180	669812	95.266	ug/L	90
70) 1,2,4-trichlorobenzene	15.127	180	566598	104.361	ug/L	97
71) Naphthalene	15.365	128	1400755	120.277	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	537204	106.158	ug/L	99

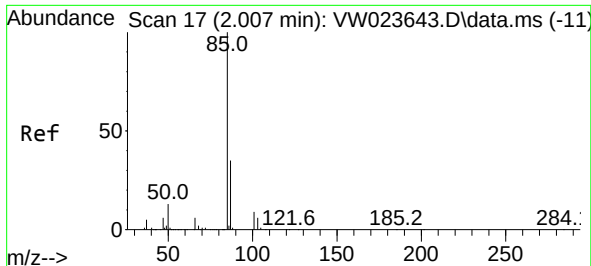
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023645.D
Acq On : 13 Jul 2022 13:20
Operator : SY/VA
Sample : VSTD10054
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100454

Quant Time: Jul 14 01:28:25 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

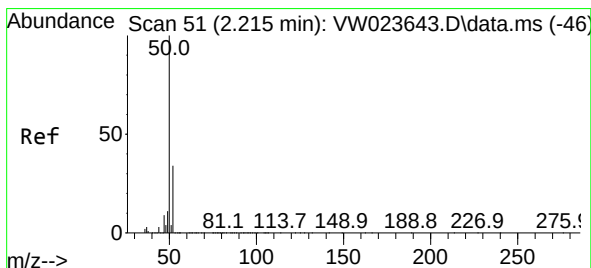
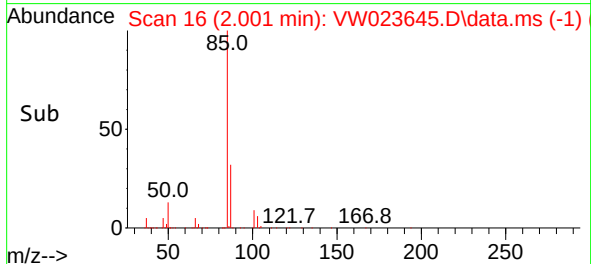
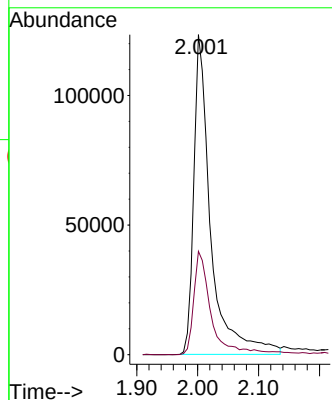
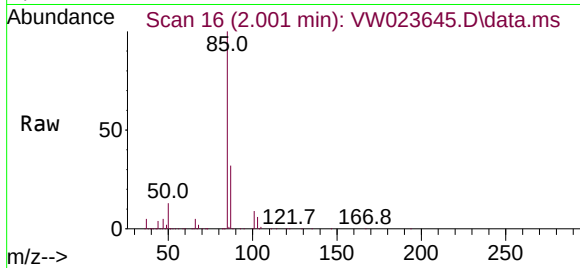




#2
 Dichlorodifluoromethane
 Concen: 126.861 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW023645.D
 Acq: 13 Jul 2022 13:20

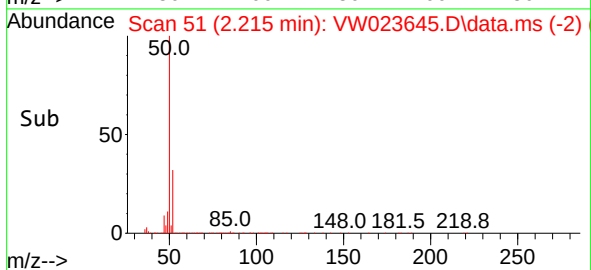
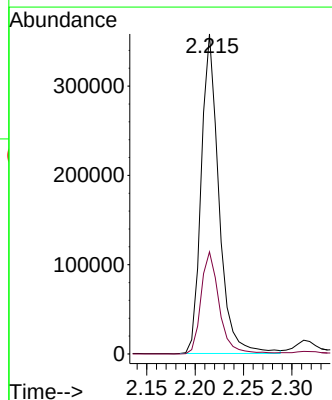
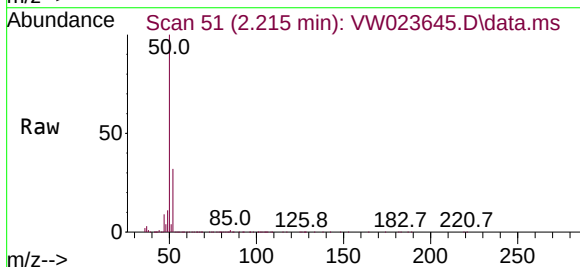
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100454

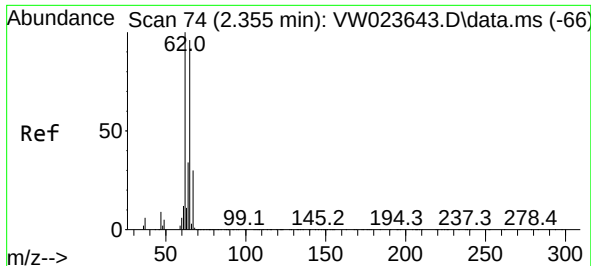
Tgt Ion: 85 Resp: 237701
 Ion Ratio Lower Upper
 85 100
 87 30.9 24.7 37.1



#3
 Chloromethane
 Concen: 98.759 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023645.D
 Acq: 13 Jul 2022 13:20

Tgt Ion: 50 Resp: 456433
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.7 44.1

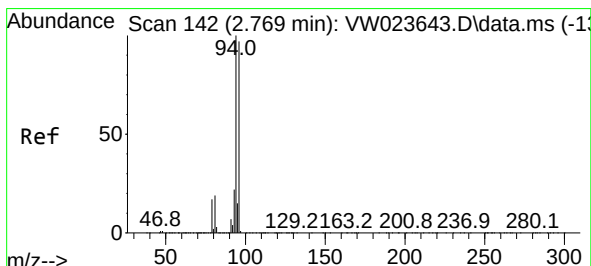
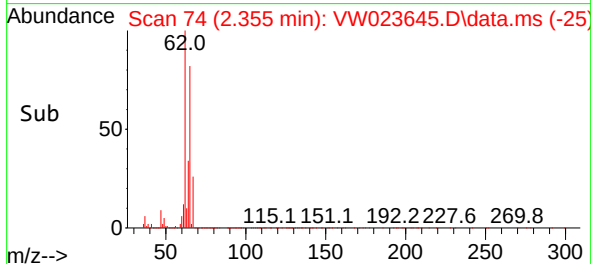
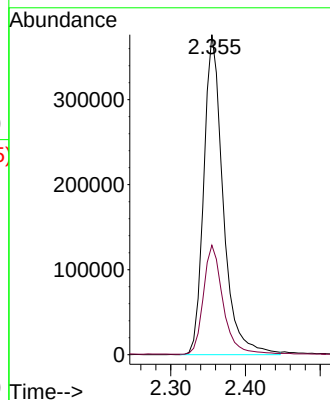
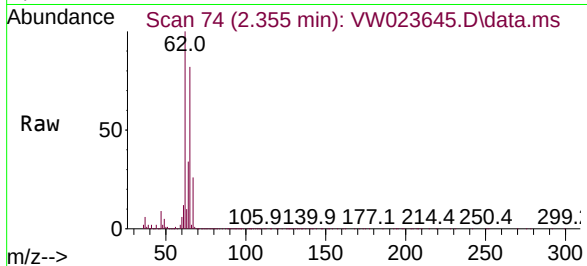




#5
 Vinyl chloride
 Concen: 85.043 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023645.D
 Acq: 13 Jul 2022 13:20

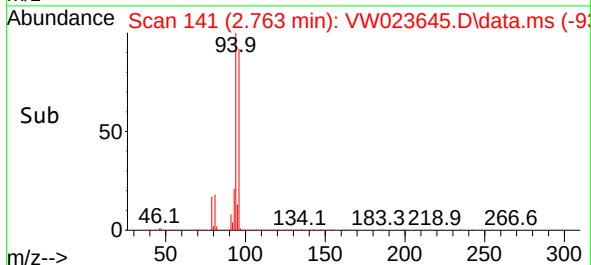
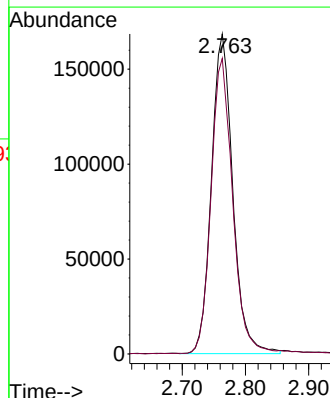
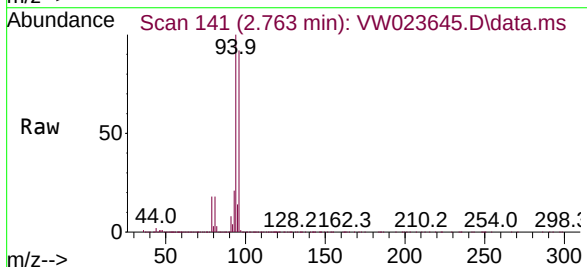
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100454

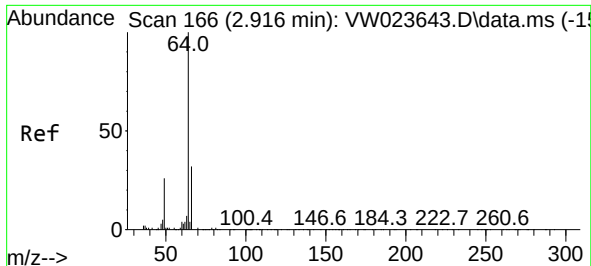
Tgt Ion: 62 Resp: 674914
 Ion Ratio Lower Upper
 62 100
 64 34.2 24.0 44.6



#6
 Bromomethane
 Concen: 76.840 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: VW023645.D
 Acq: 13 Jul 2022 13:20

Tgt Ion: 94 Resp: 394444
 Ion Ratio Lower Upper
 94 100
 96 92.3 68.2 126.6

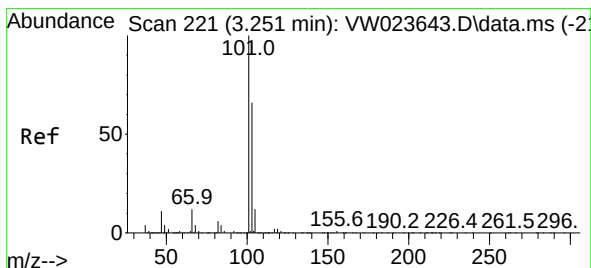
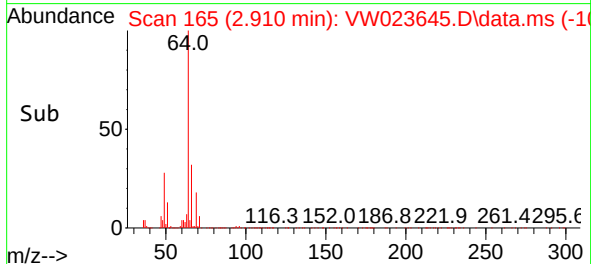
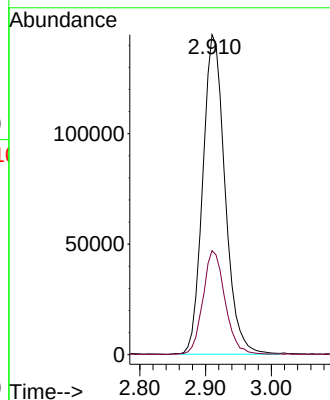
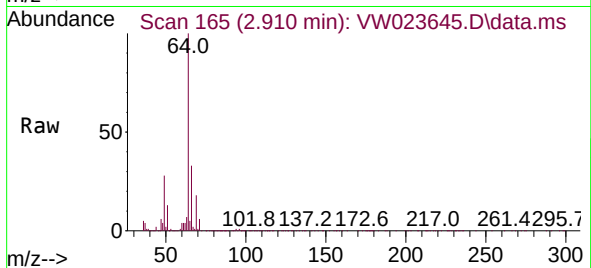




#8
Chloroethane
Concen: 91.596 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

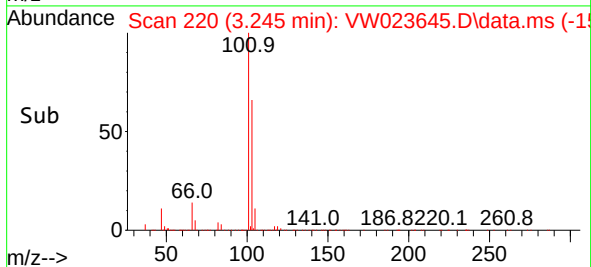
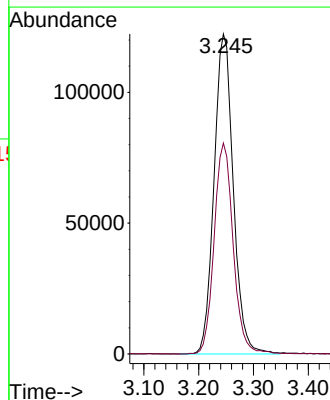
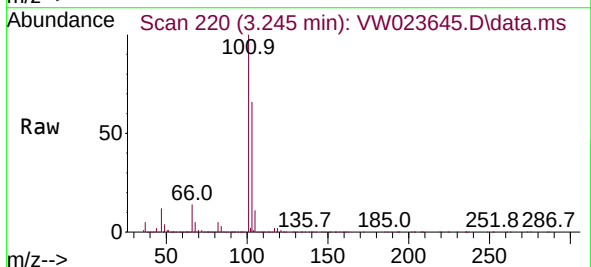
Instrument :
MSVOA_W
ClientSampleId :
VSTD100454

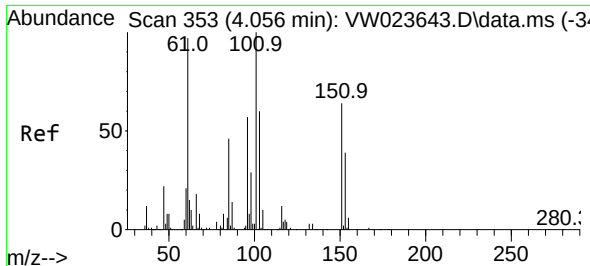
Tgt Ion: 64 Resp: 340081
Ion Ratio Lower Upper
64 100
66 32.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 82.578 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

Tgt Ion: 101 Resp: 297901
Ion Ratio Lower Upper
101 100
103 65.1 52.1 78.1

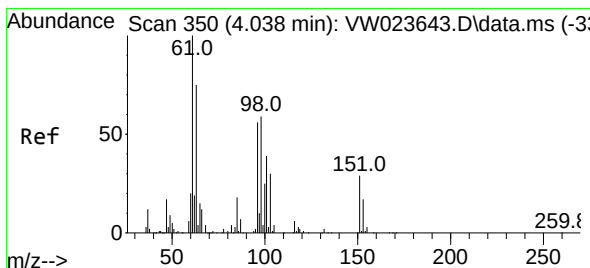
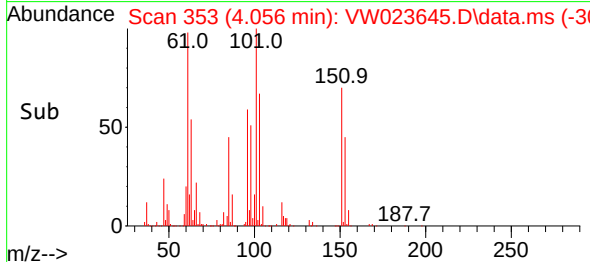
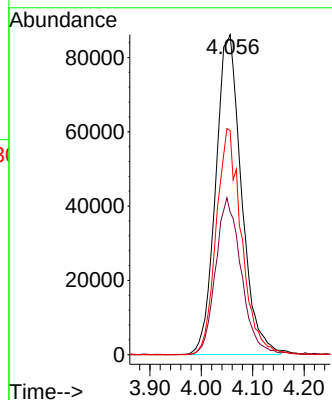
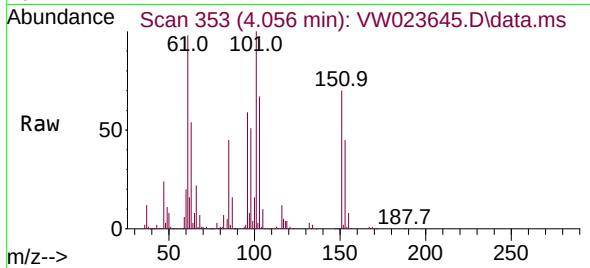




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 85.407 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW023645.D
 Acq: 13 Jul 2022 13:20

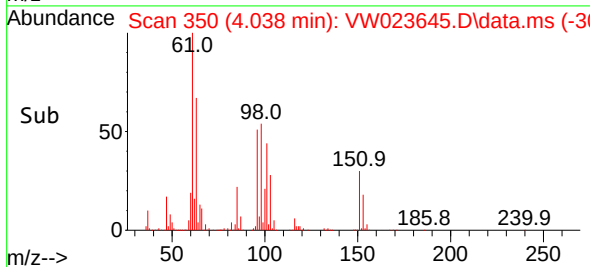
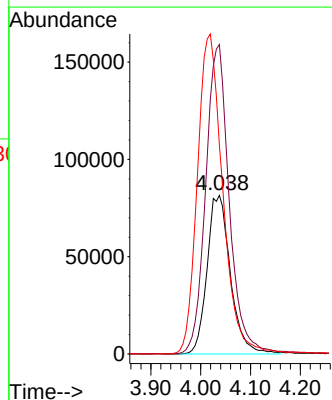
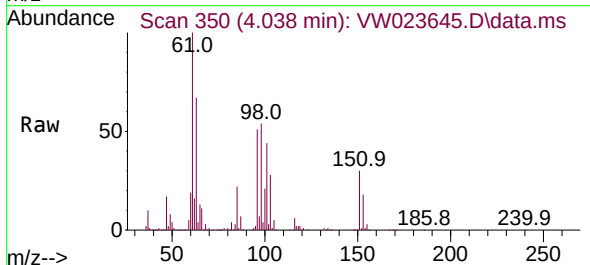
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100454

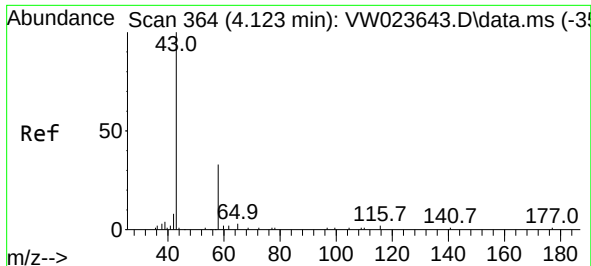
Tgt Ion:101 Resp: 299772
 Ion Ratio Lower Upper
 101 100
 85 48.6 37.6 56.4
 151 69.7 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 90.502 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW023645.D
 Acq: 13 Jul 2022 13:20

Tgt Ion: 96 Resp: 265478
 Ion Ratio Lower Upper
 96 100
 61 195.1 125.4 232.8
 63 131.6 97.4 180.8

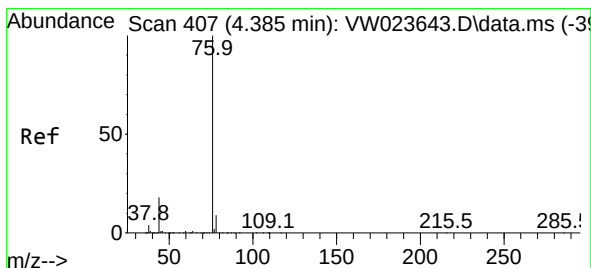
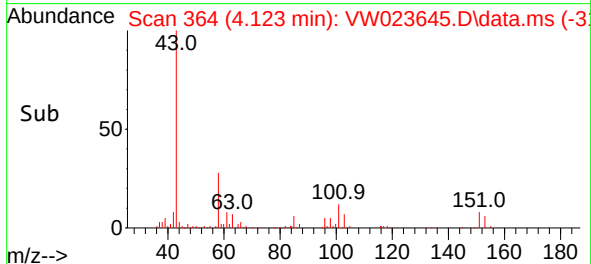
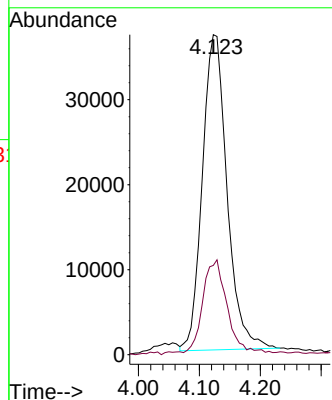
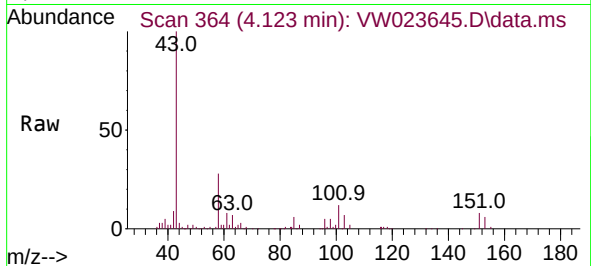




#13
Acetone
Concen: 149.182 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

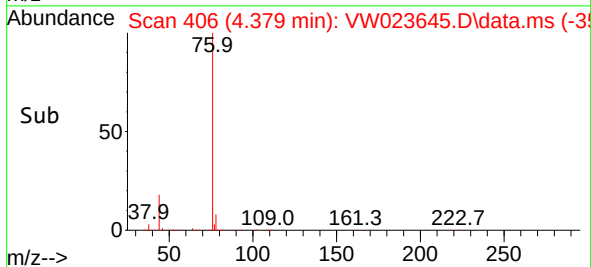
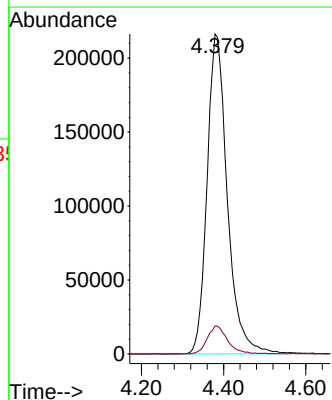
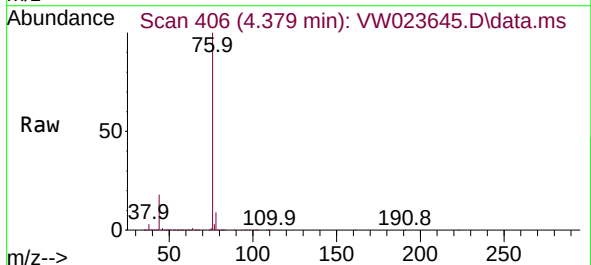
Instrument :
MSVOA_W
ClientSampleId :
VSTD100454

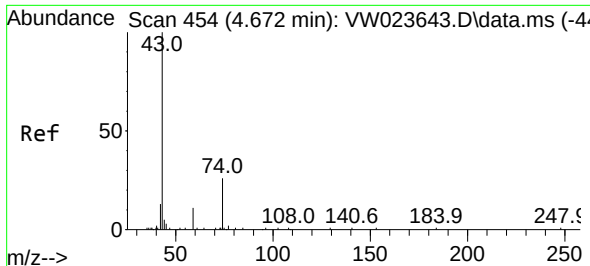
Tgt Ion: 43 Resp: 104699
Ion Ratio Lower Upper
43 100
58 28.6 0.0 64.2



#14
Carbon disulfide
Concen: 85.226 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

Tgt Ion: 76 Resp: 738047
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

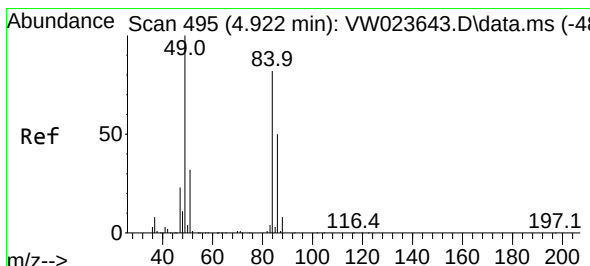
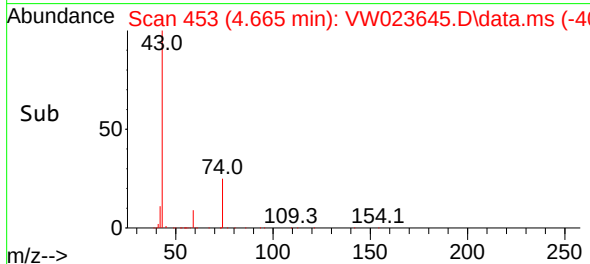
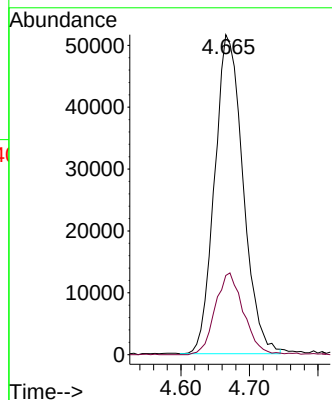
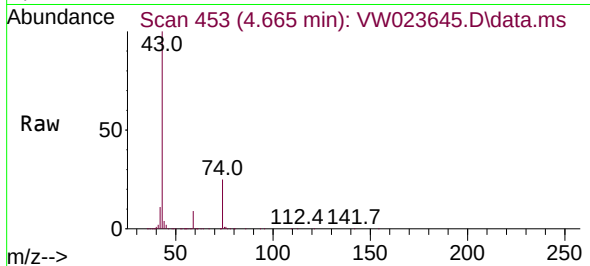




#15
Methyl Acetate
Concen: 89.734 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

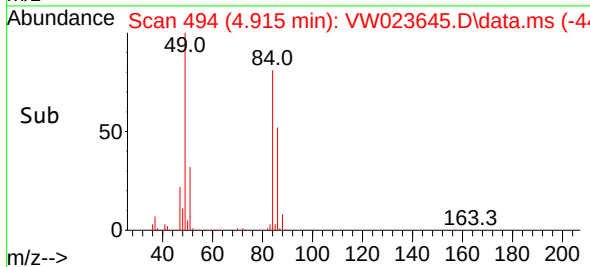
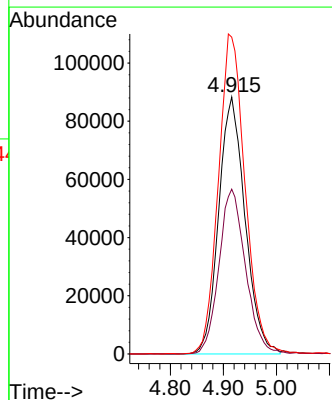
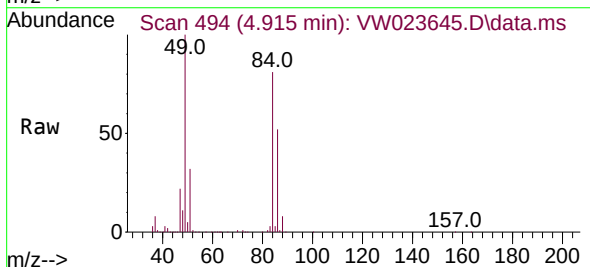
Instrument :
MSVOA_W
ClientSampleId :
VSTD100454

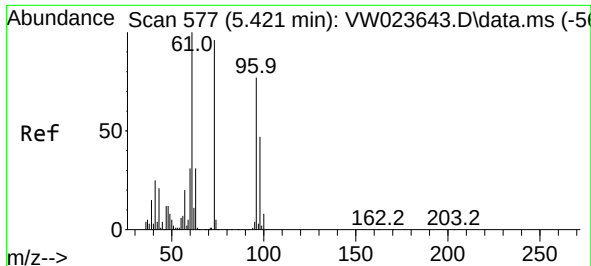
Tgt Ion: 43 Resp: 148810
Ion Ratio Lower Upper
43 100
74 25.3 20.0 30.0



#16
Methylene chloride
Concen: 70.153 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

Tgt Ion: 84 Resp: 304547
Ion Ratio Lower Upper
84 100
86 64.1 42.8 79.6
49 123.3 85.4 158.6

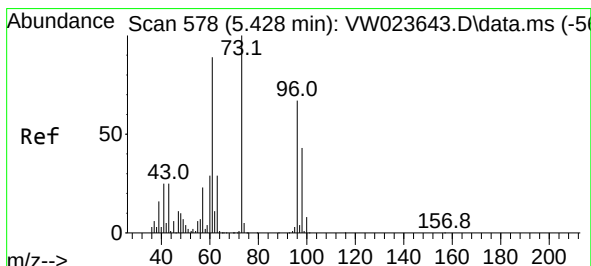
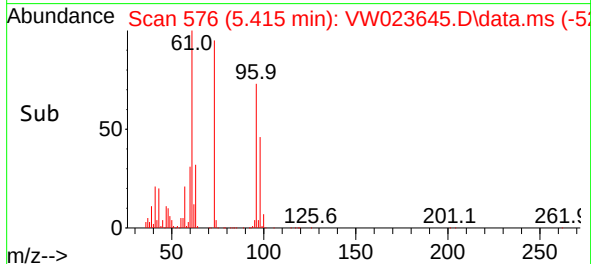
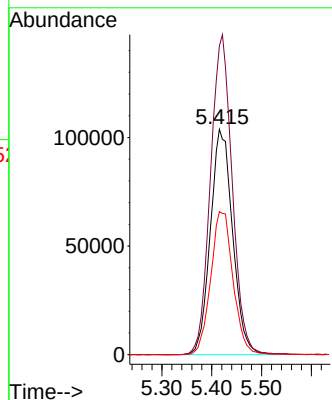
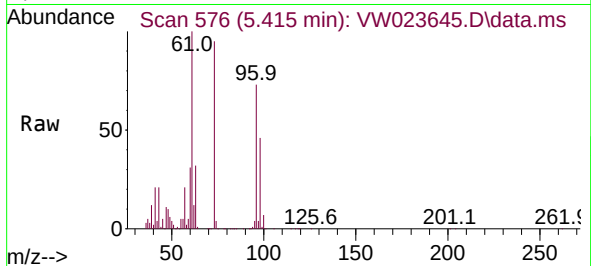




#17
trans-1,2-Dichloroethene
Concen: 90.245 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

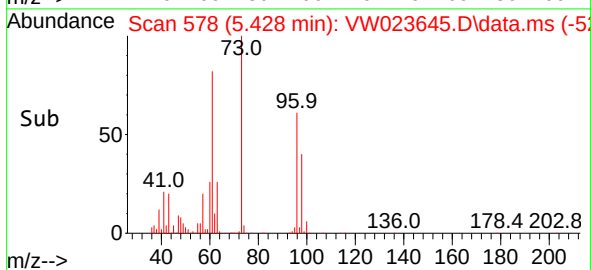
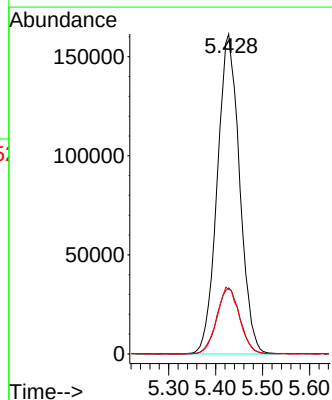
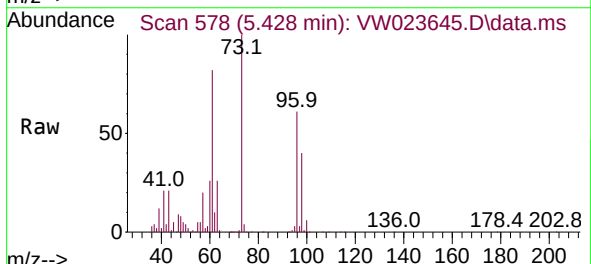
Instrument :
MSVOA_W
ClientSampleId :
VSTD100454

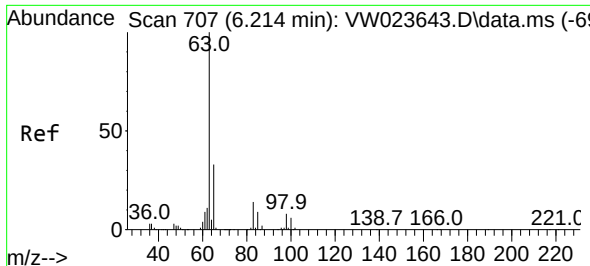
Tgt Ion: 96 Resp: 322338
Ion Ratio Lower Upper
96 100
61 137.0 90.8 168.6
98 63.5 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 96.737 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

Tgt Ion: 73 Resp: 532623
Ion Ratio Lower Upper
73 100
43 21.4 17.6 26.4
57 21.2 16.8 25.2





#19

1,1-Dichloroethane

Concen: 90.956 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW023645.D

Acq: 13 Jul 2022 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD100454

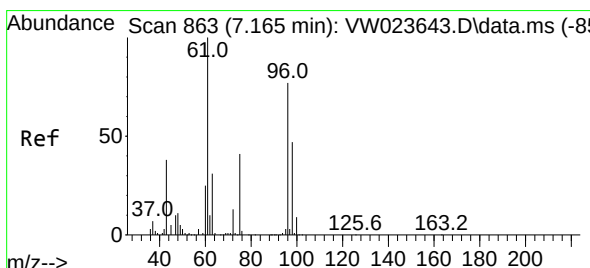
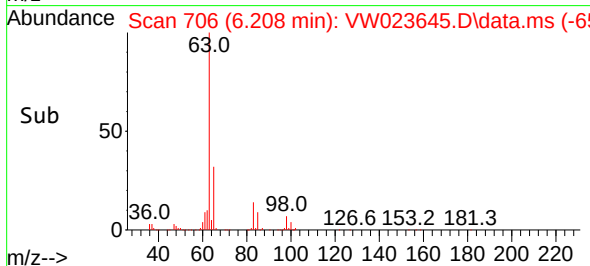
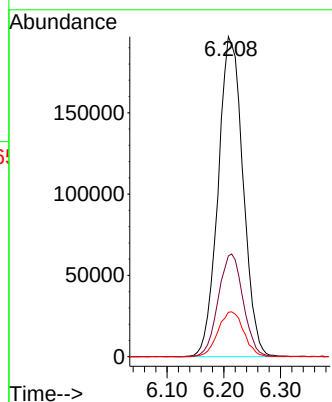
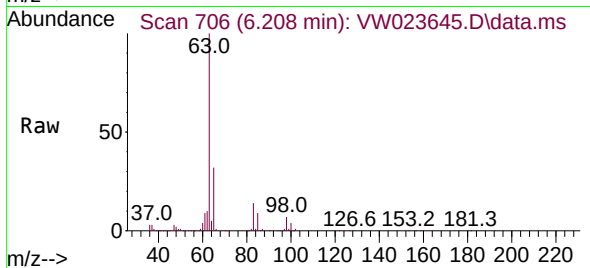
Tgt Ion: 63 Resp: 599278

Ion Ratio Lower Upper

63 100

65 31.5 22.7 42.1

83 13.9 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 95.483 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW023645.D

Acq: 13 Jul 2022 13:20

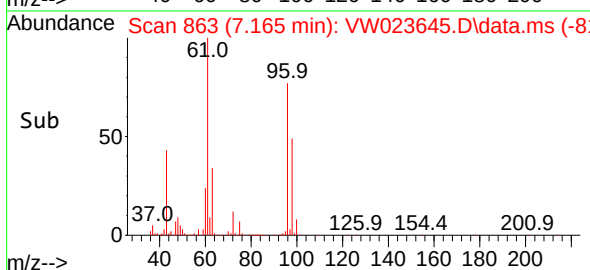
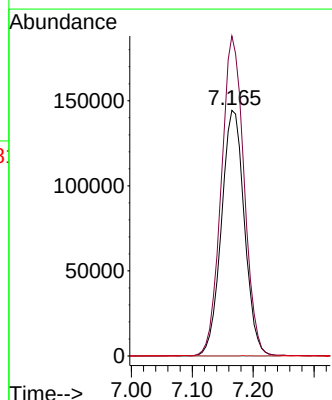
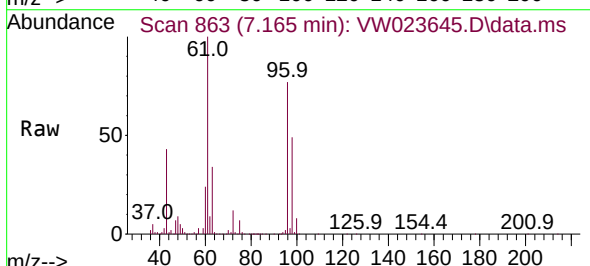
Tgt Ion: 96 Resp: 378127

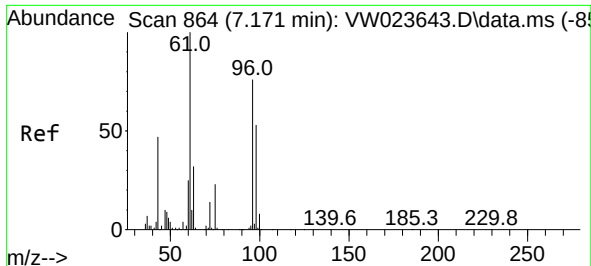
Ion Ratio Lower Upper

96 100

61 130.3 90.6 168.2

68 0.0 0.2 0.4

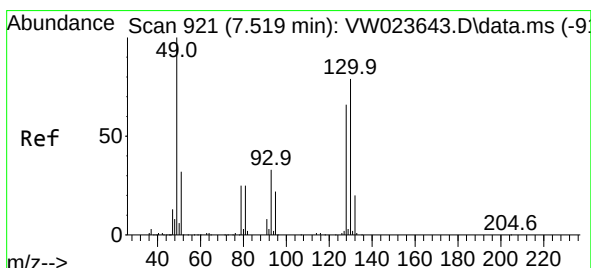
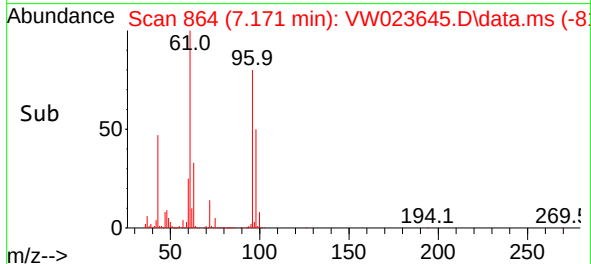
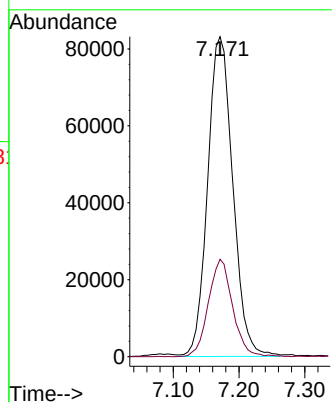
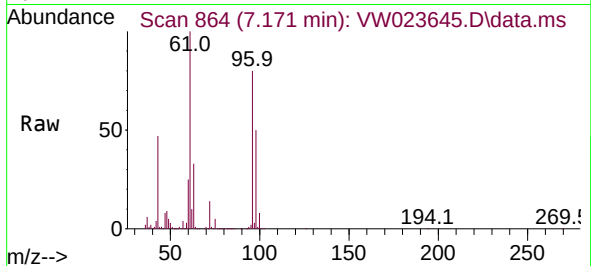




#22
2-Butanone
Concen: 174.219 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

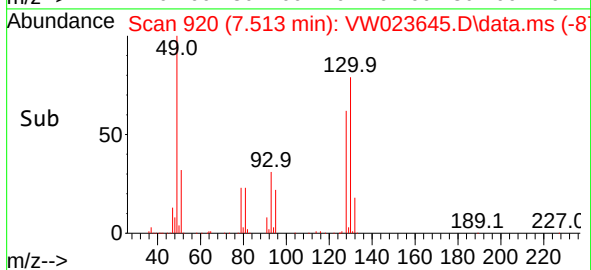
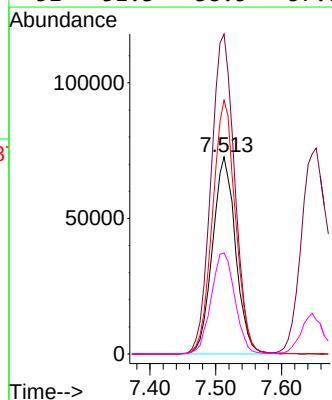
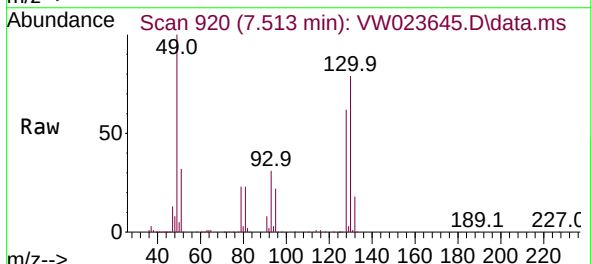
Instrument :
MSVOA_W
ClientSampleId :
VSTD100454

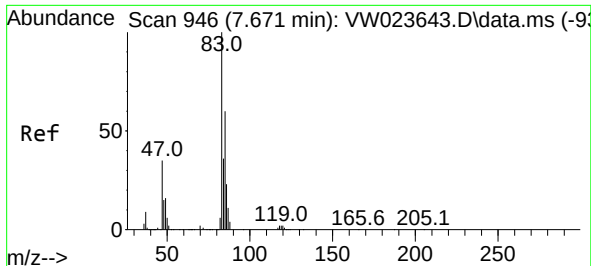
Tgt Ion: 43 Resp: 221537
Ion Ratio Lower Upper
43 100
72 29.1 14.7 44.1



#23
Bromochloromethane
Concen: 93.214 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

Tgt Ion:128 Resp: 177191
Ion Ratio Lower Upper
128 100
49 162.5 106.0 196.8
130 128.9 83.2 154.4
51 51.3 38.5 57.7

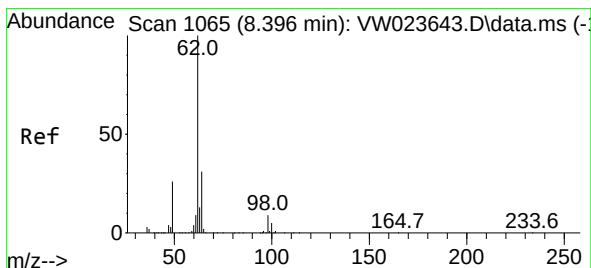
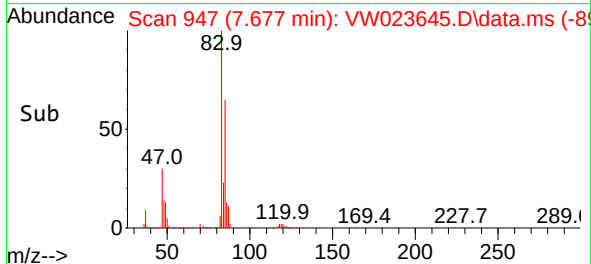
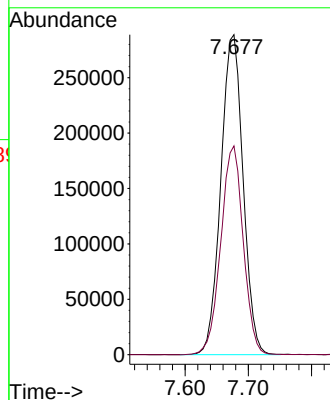
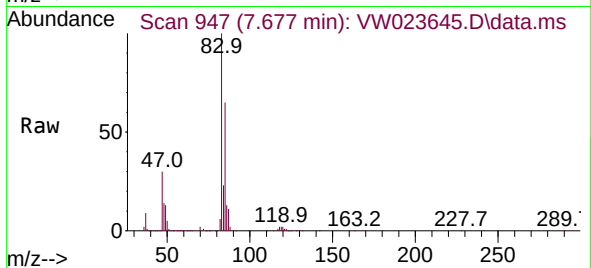




#25
Chloroform
Concen: 92.870 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

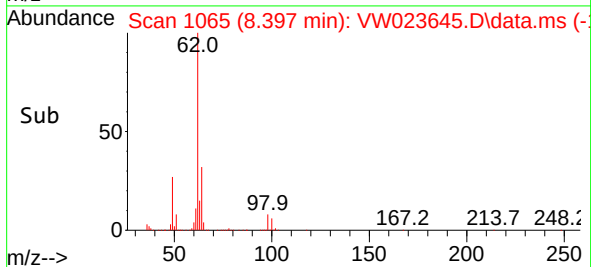
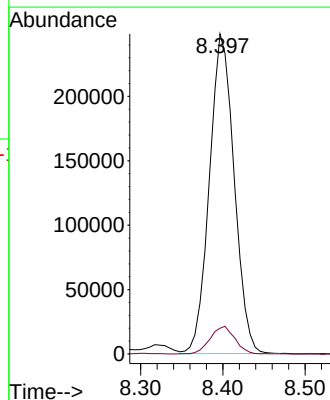
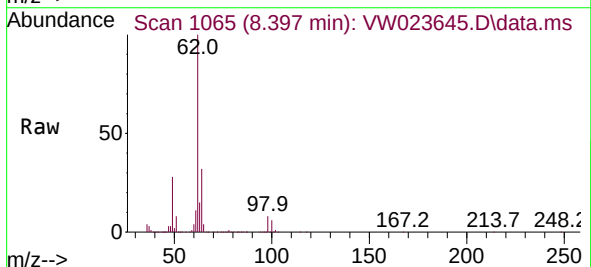
Instrument :
MSVOA_W
ClientSampleId :
VSTD100454

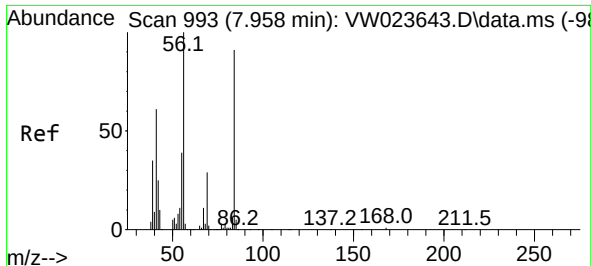
Tgt Ion: 83 Resp: 704917
Ion Ratio Lower Upper
83 100
85 65.2 41.9 77.9



#27
1,2-Dichloroethane
Concen: 92.929 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

Tgt Ion: 62 Resp: 519135
Ion Ratio Lower Upper
62 100
98 8.1 7.2 10.8





#29

Cyclohexane

Concen: 95.091 ug/L

RT: 7.951 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW023645.D

Acq: 13 Jul 2022 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD100454

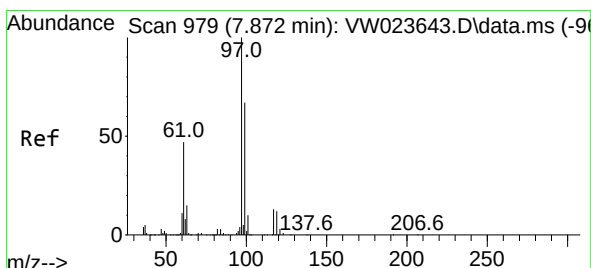
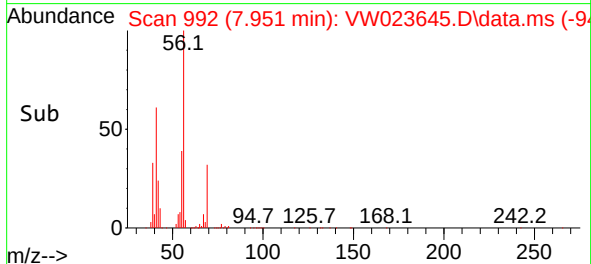
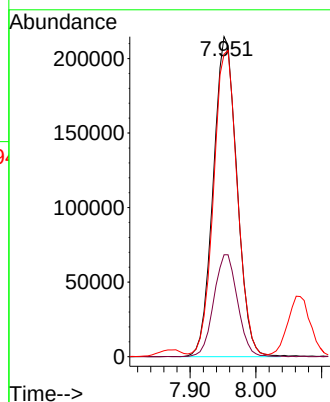
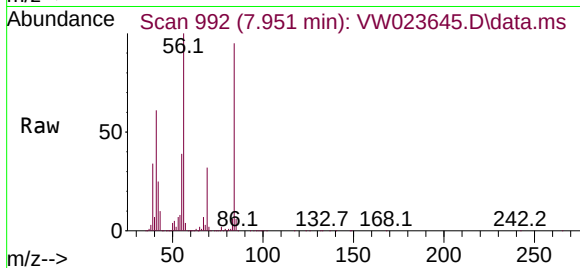
Tgt Ion: 56 Resp: 538562

Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.0

84 96.2 75.0 112.4



#30

1,1,1-Trichloroethane

Concen: 86.977 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW023645.D

Acq: 13 Jul 2022 13:20

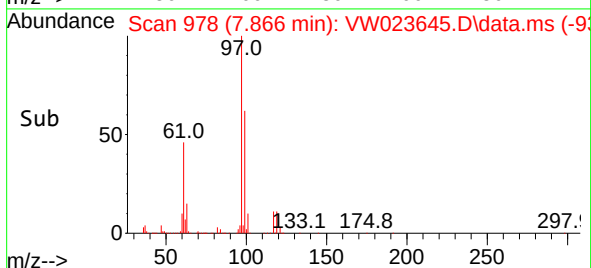
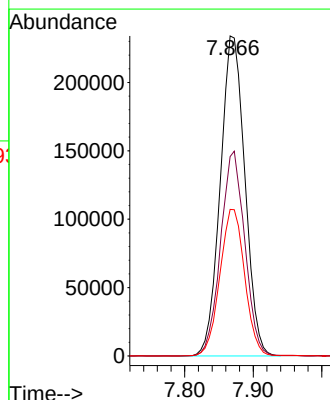
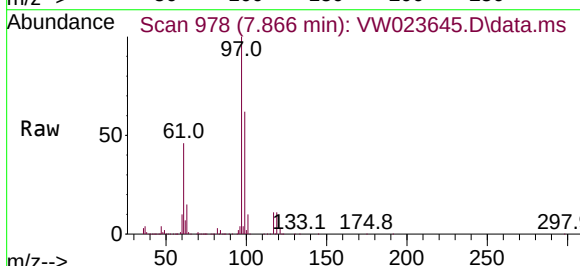
Tgt Ion: 97 Resp: 583183

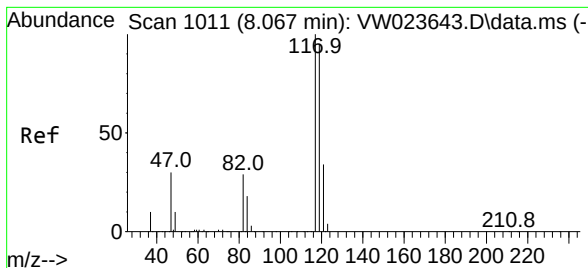
Ion Ratio Lower Upper

97 100

99 62.9 51.0 76.6

61 46.1 37.5 56.3

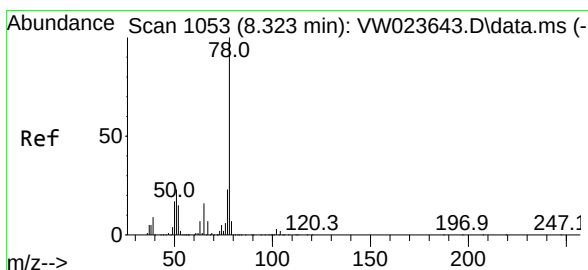
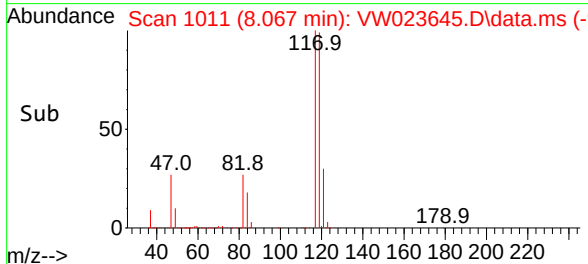
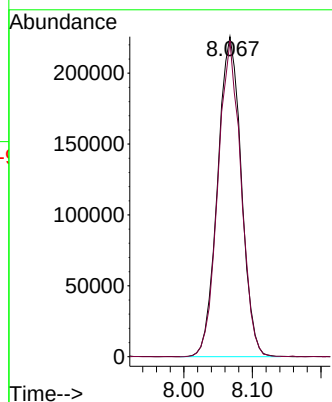
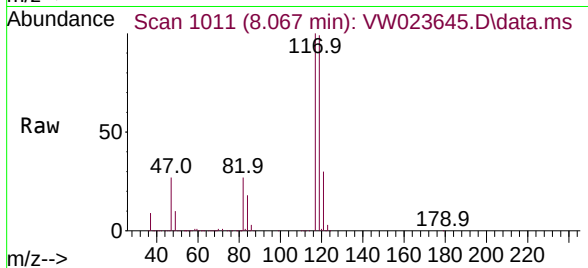




#31
Carbon tetrachloride
Concen: 89.631 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

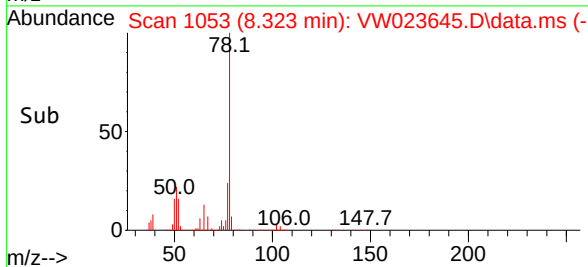
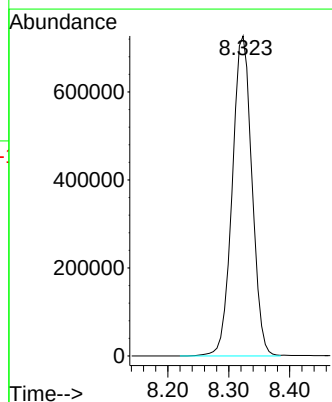
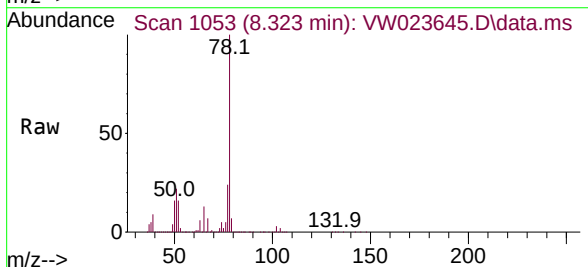
Instrument :
MSVOA_W
ClientSampleId :
VSTD100454

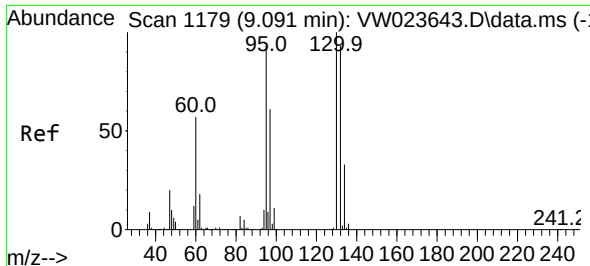
Tgt Ion:117 Resp: 541747
Ion Ratio Lower Upper
117 100
119 95.9 75.7 113.5



#33
Benzene
Concen: 92.684 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

Tgt Ion: 78 Resp: 1631009

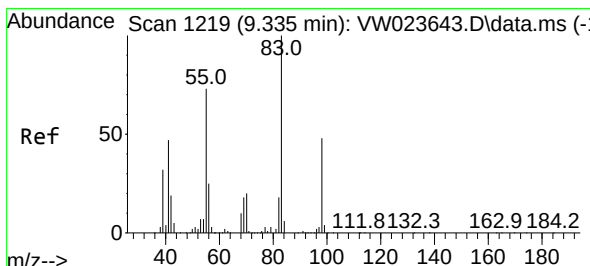
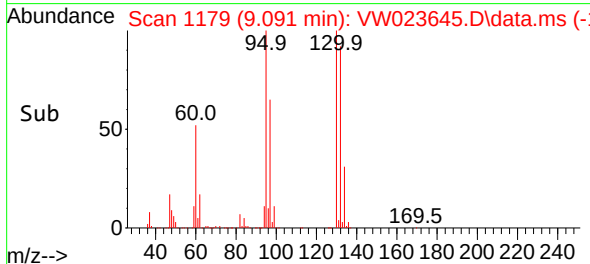
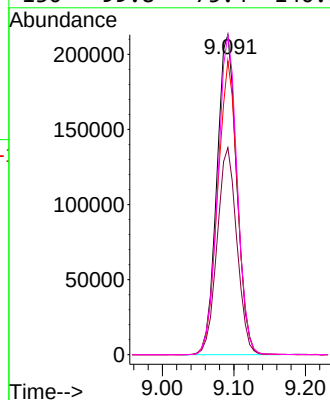
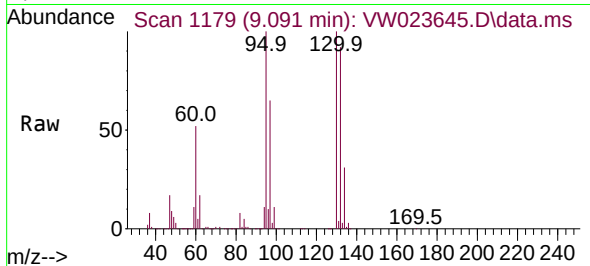




#34
Trichloroethene
Concen: 88.307 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

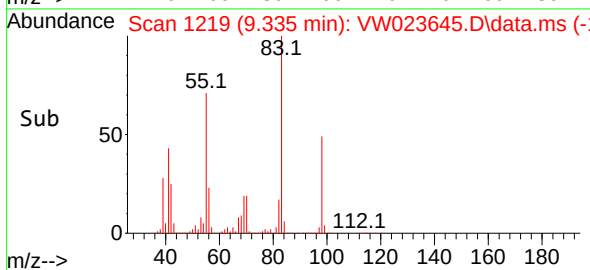
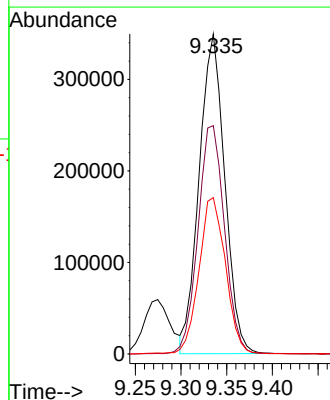
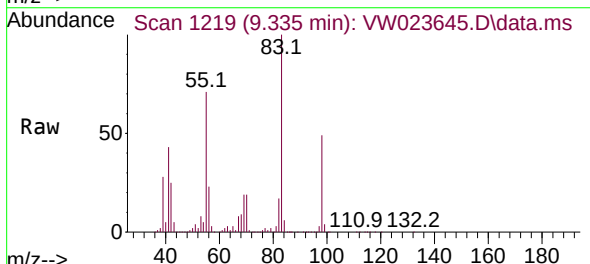
Instrument :
MSVOA_W
ClientSampleId :
VSTD100454

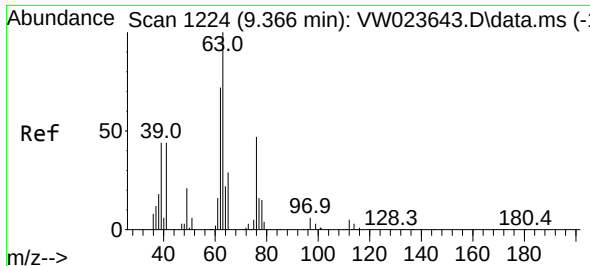
Tgt Ion: 95 Resp: 410360
Ion Ratio Lower Upper
95 100
97 64.7 45.6 84.8
132 91.8 69.9 129.7
130 99.8 75.4 140.0



#35
Methylcyclohexane
Concen: 95.983 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

Tgt Ion: 83 Resp: 679186
Ion Ratio Lower Upper
83 100
55 74.2 60.8 91.2
98 50.6 39.5 59.3





#37

1,2-Dichloropropane

Concen: 90.498 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023645.D

Acq: 13 Jul 2022 13:20

Instrument :

MSVOA_W

ClientSampleId :

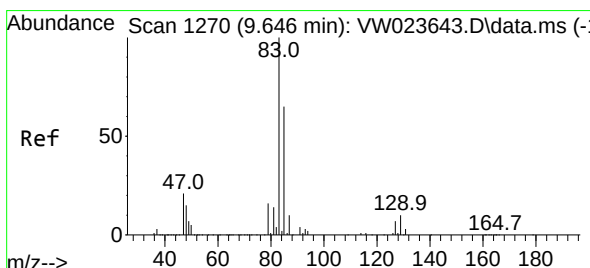
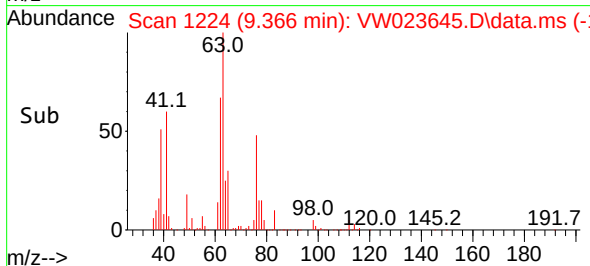
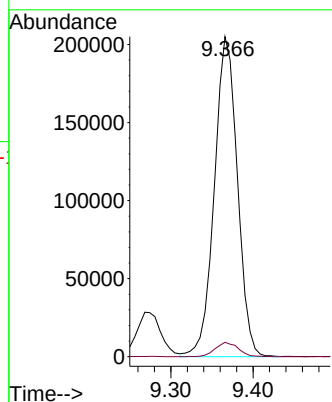
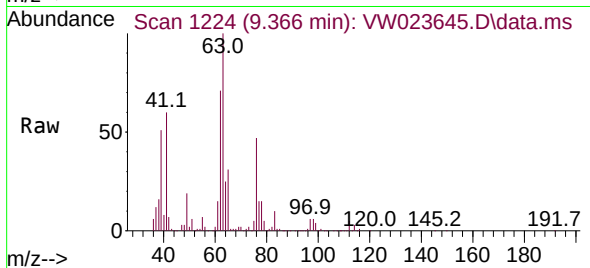
VSTD100454

Tgt Ion: 63 Resp: 399260

Ion Ratio Lower Upper

63 100

112 4.5 4.2 6.2



#38

Bromodichloromethane

Concen: 93.036 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023645.D

Acq: 13 Jul 2022 13:20

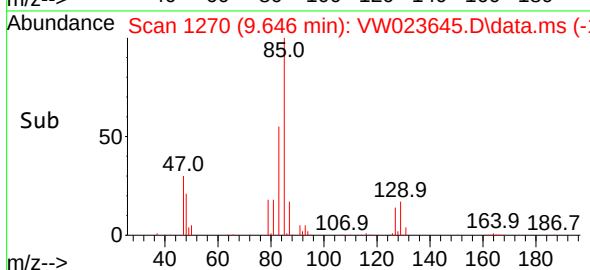
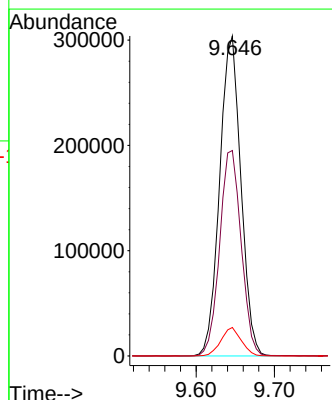
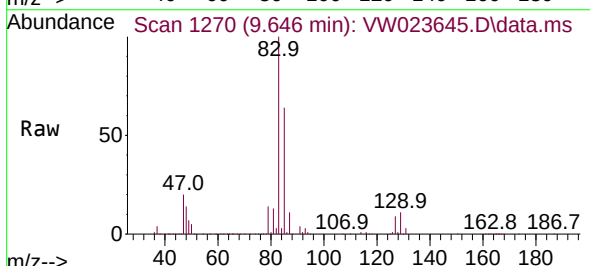
Tgt Ion: 83 Resp: 572858

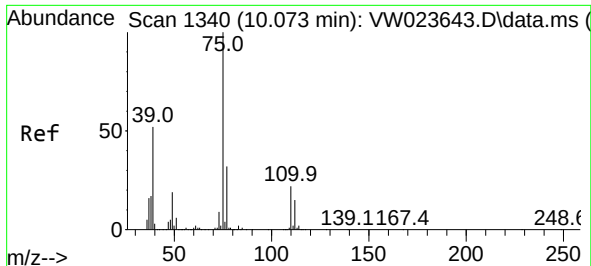
Ion Ratio Lower Upper

83 100

85 64.2 45.5 84.5

127 8.9 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 101.433 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023645.D

Acq: 13 Jul 2022 13:20

Instrument :

MSVOA_W

ClientSampleId :

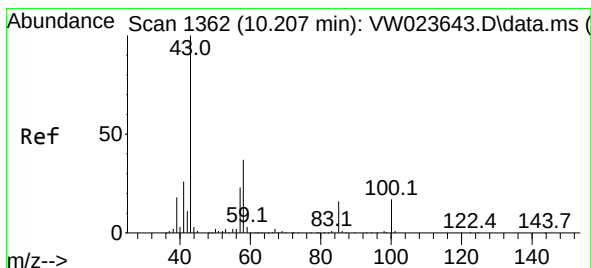
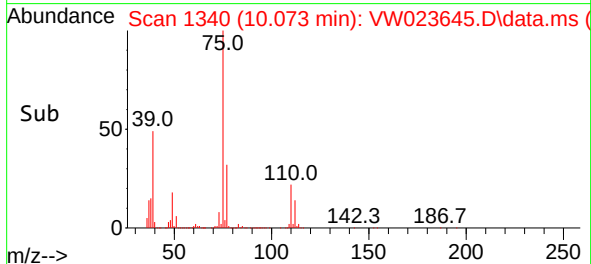
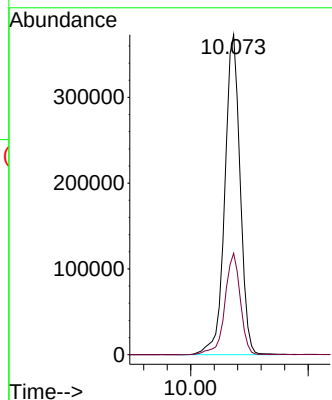
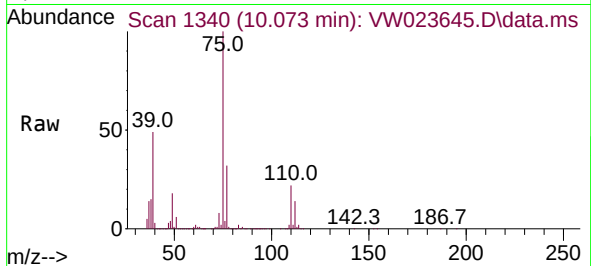
VSTD100454

Tgt Ion: 75 Resp: 674492

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 195.651 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023645.D

Acq: 13 Jul 2022 13:20

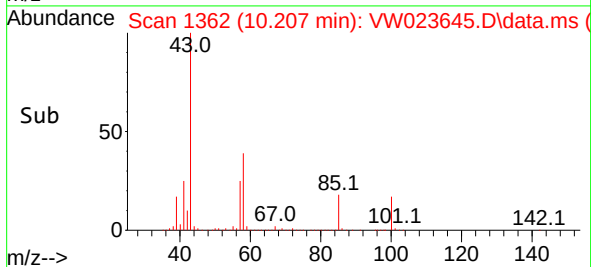
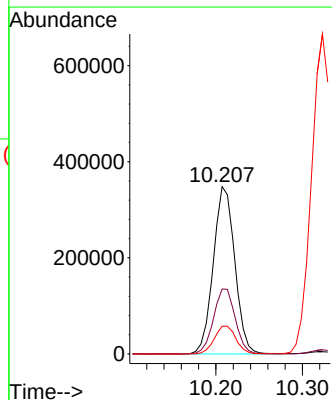
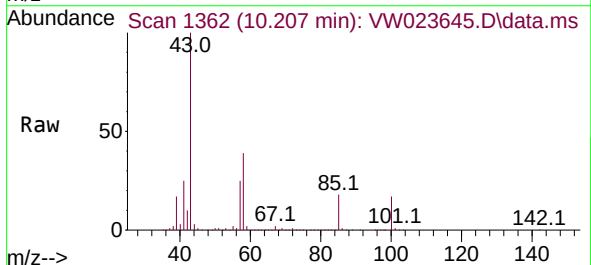
Tgt Ion: 43 Resp: 600654

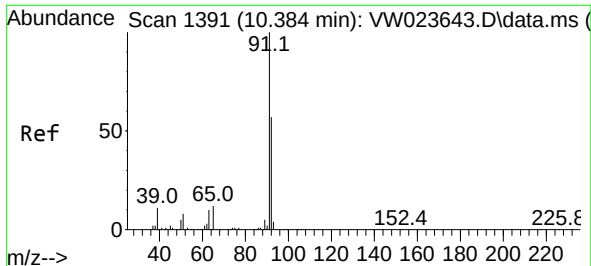
Ion Ratio Lower Upper

43 100

58 39.4 29.8 44.8

100 16.8 13.0 19.4

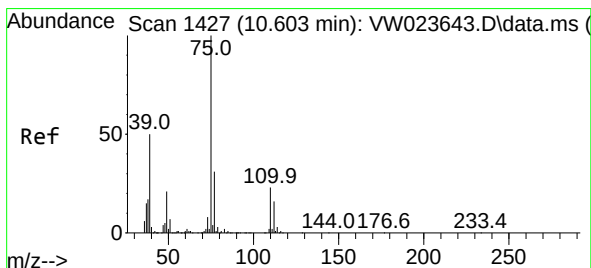
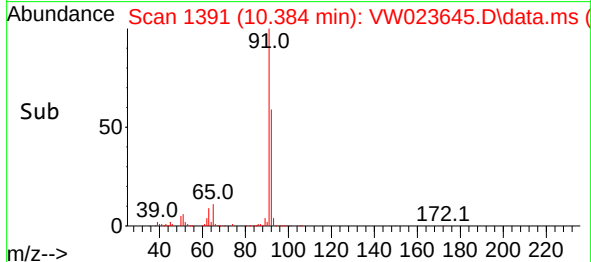
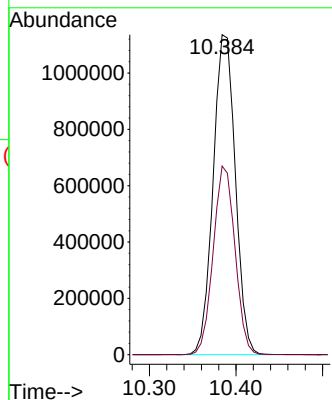
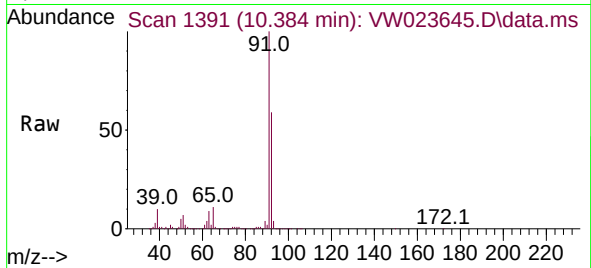




#42
Toluene
Concen: 100.892 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

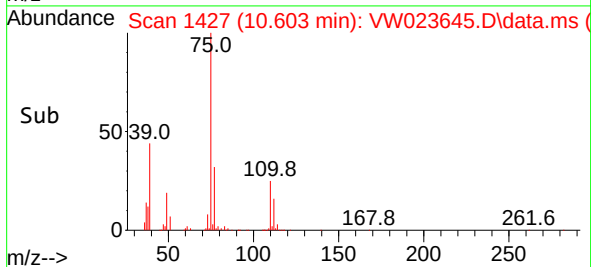
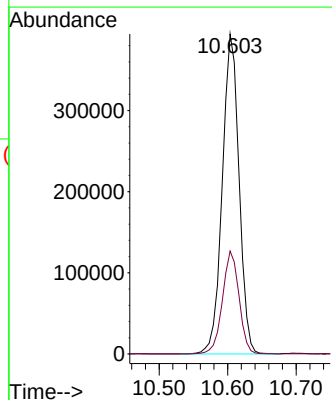
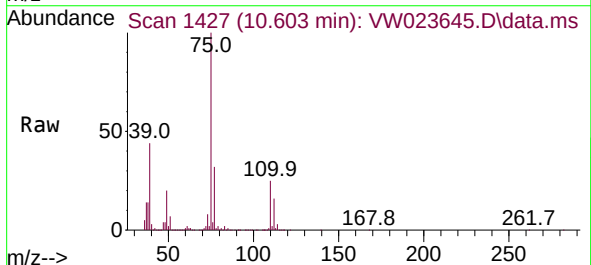
Instrument :
MSVOA_W
ClientSampleId :
VSTD100454

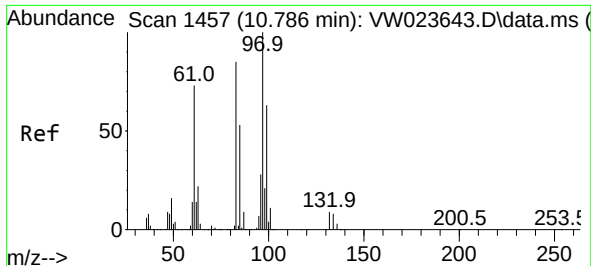
Tgt Ion: 91 Resp: 2024801
Ion Ratio Lower Upper
91 100
92 58.9 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 105.730 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

Tgt Ion: 75 Resp: 668242
Ion Ratio Lower Upper
75 100
77 32.1 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 92.713 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW023645.D

Acq: 13 Jul 2022 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD100454

Tgt Ion: 97 Resp: 357653

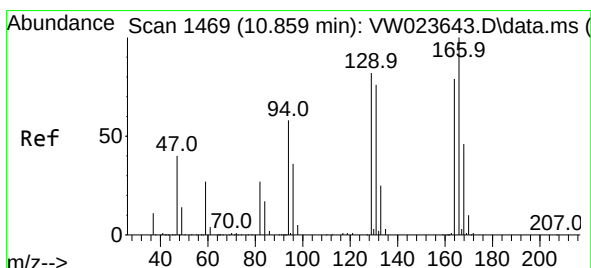
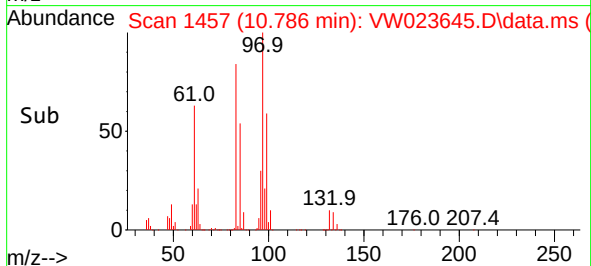
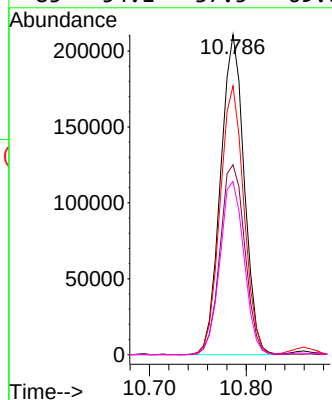
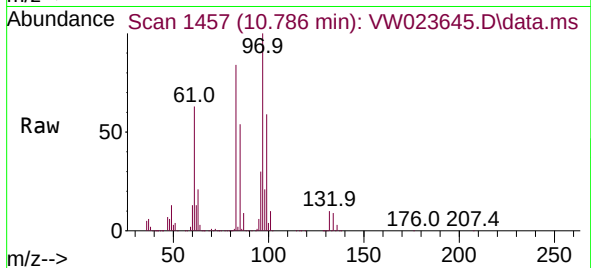
Ion Ratio Lower Upper

97 100

99 59.3 44.2 82.2

83 84.0 59.8 111.0

85 54.1 37.5 69.6



#46

Tetrachloroethene

Concen: 93.389 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW023645.D

Acq: 13 Jul 2022 13:20

Tgt Ion:164 Resp: 335562

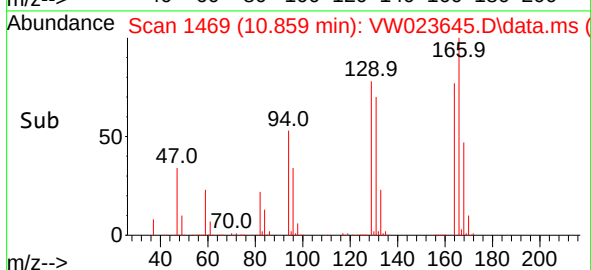
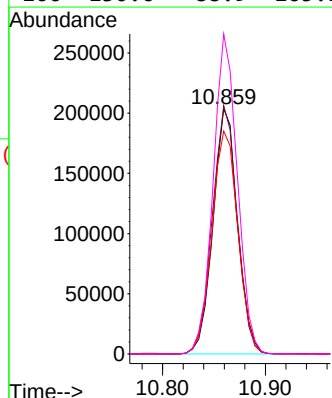
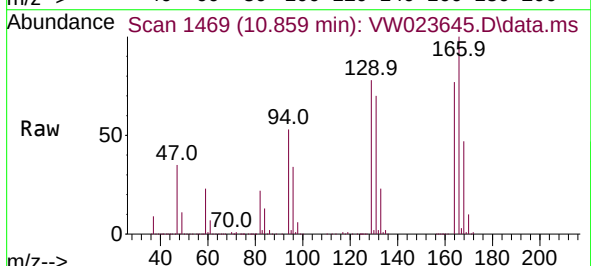
Ion Ratio Lower Upper

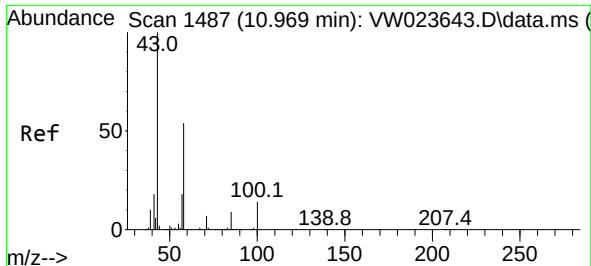
164 100

129 101.3 72.4 134.5

131 90.9 67.8 125.8

166 130.6 88.9 165.1

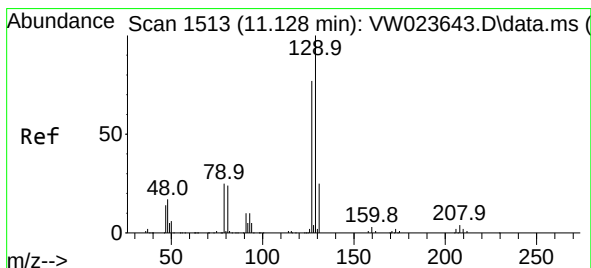
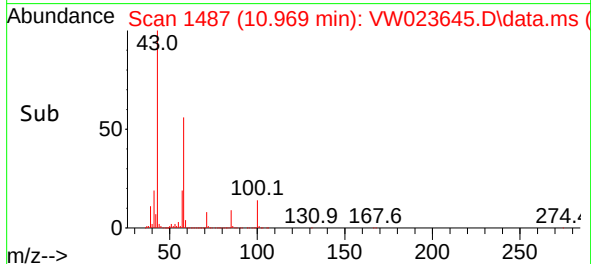
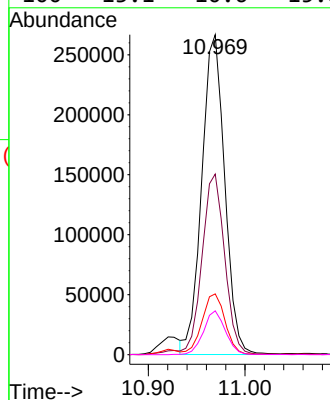
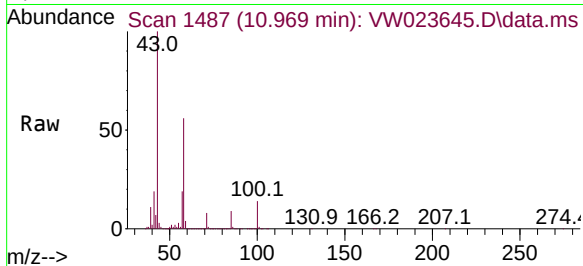




#48
2-Hexanone
Concen: 200.714 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

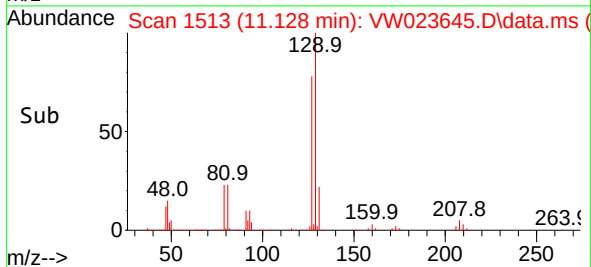
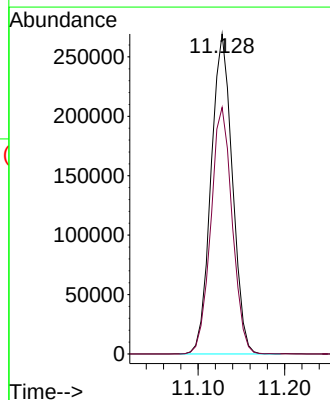
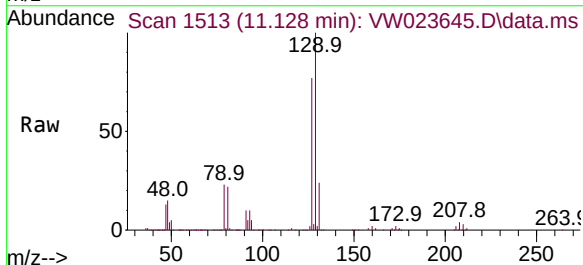
Instrument :
MSVOA_W
ClientSampleId :
VSTD100454

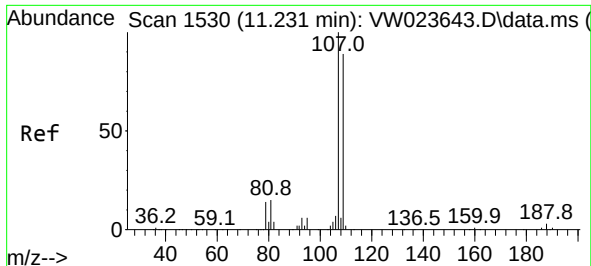
Tgt Ion: 43	Resp: 440838
Ion Ratio	Lower Upper
43 100	
58 55.4	41.6 62.4
57 19.3	14.6 21.8
100 13.1	10.6 15.8



#49
Dibromochloromethane
Concen: 102.859 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

Tgt Ion:129	Resp: 460153		
Ion	Ratio	Lower	Upper
129	100		
127	77.1	53.7	99.7





#50

1,2-Dibromoethane

Concen: 97.669 ug/L

RT: 11.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023645.D

Acq: 13 Jul 2022 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD100454

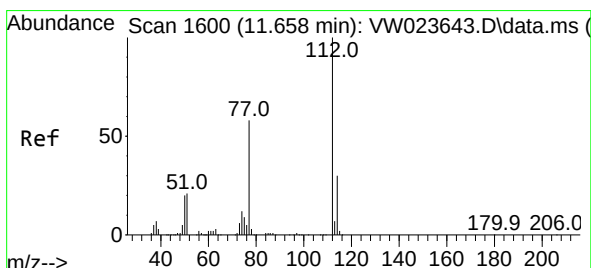
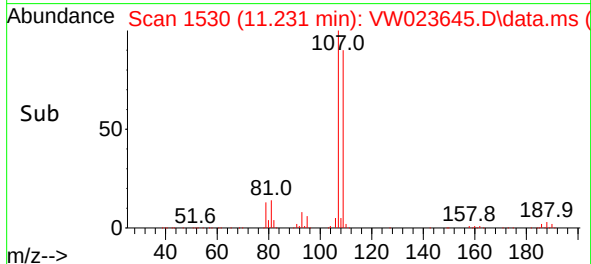
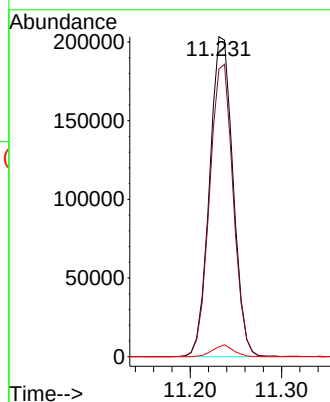
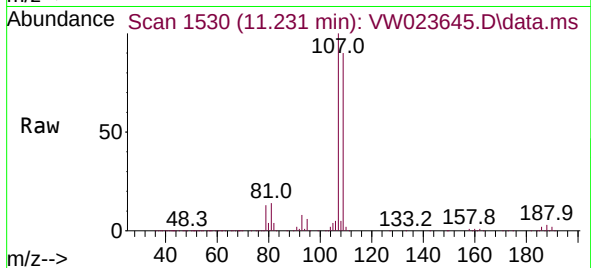
Tgt Ion:107 Resp: 361974

Ion Ratio Lower Upper

107 100

109 89.9 62.4 116.0

188 3.1 2.3 3.5



#51

Chlorobenzene

Concen: 96.796 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW023645.D

Acq: 13 Jul 2022 13:20

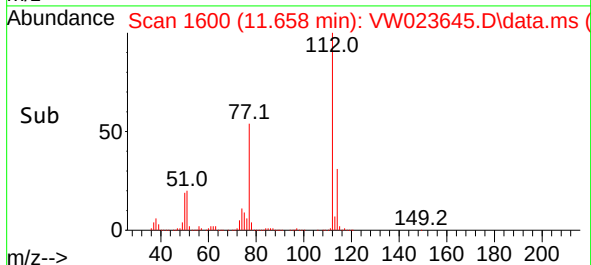
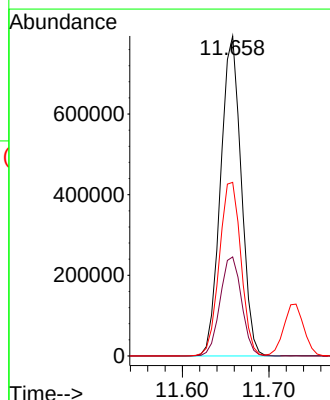
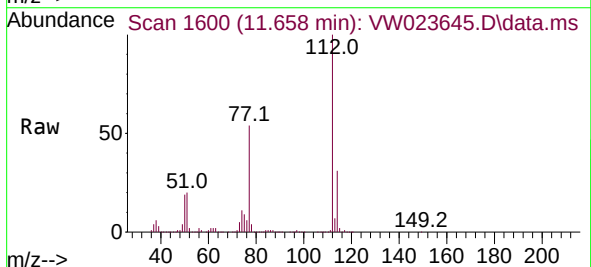
Tgt Ion:112 Resp: 1310159

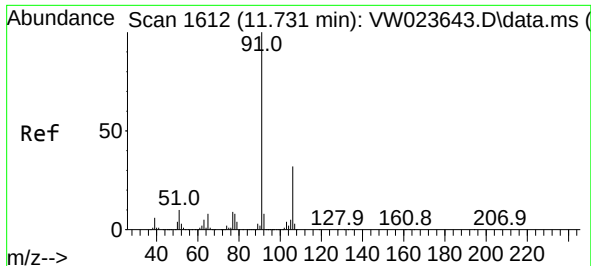
Ion Ratio Lower Upper

112 100

114 31.0 21.1 39.3

77 54.3 46.6 69.8

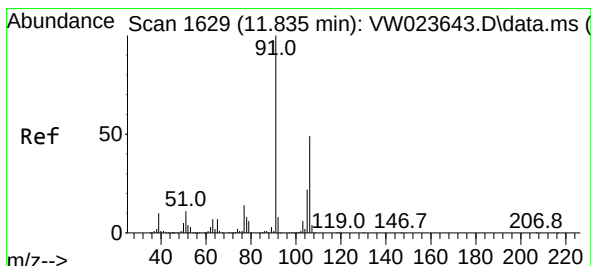
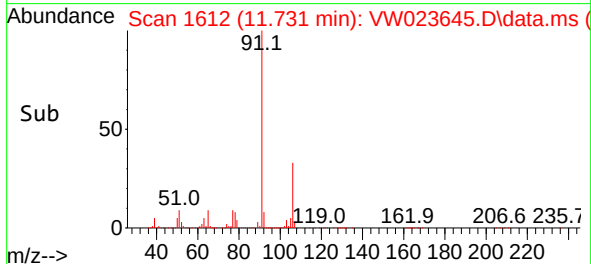
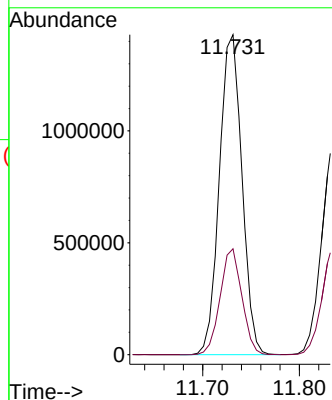
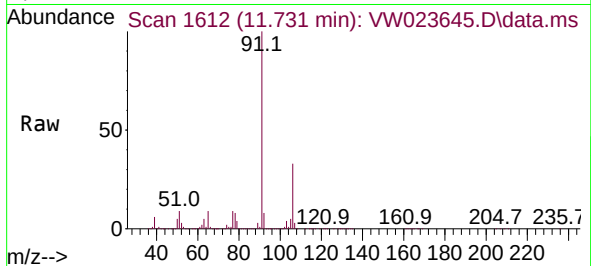




#52
Ethylbenzene
Concen: 101.509 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

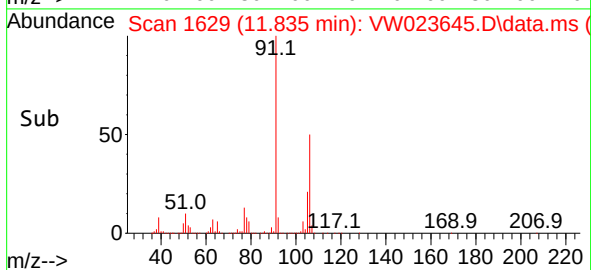
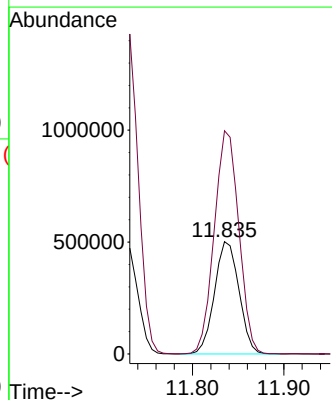
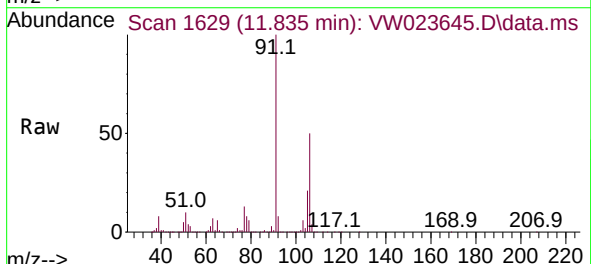
Instrument :
MSVOA_W
ClientSampleId :
VSTD100454

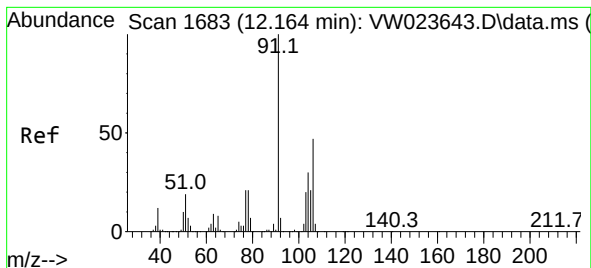
Tgt Ion: 91 Resp: 2314989
Ion Ratio Lower Upper
91 100
106 33.1 22.5 41.9



#53
m,p-Xylene
Concen: 104.871 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

Tgt Ion:106 Resp: 933139
Ion Ratio Lower Upper
106 100
91 198.7 142.8 265.2

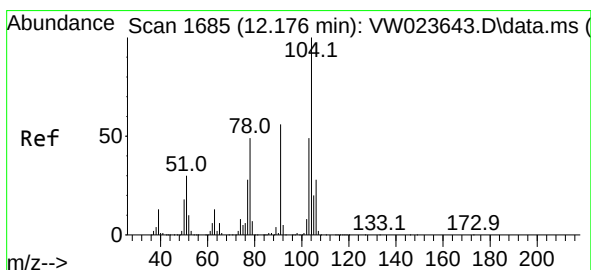
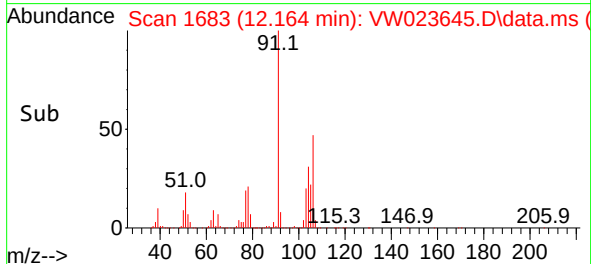
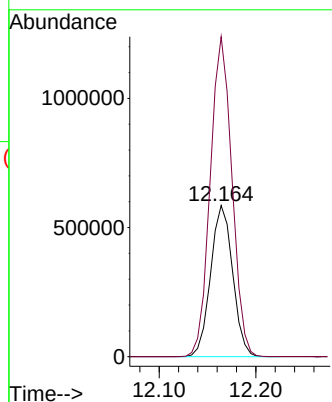
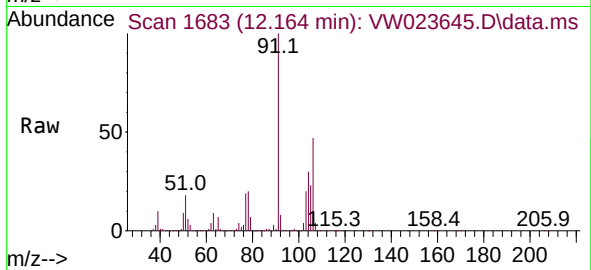




#54
o-Xylene
Concen: 108.446 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

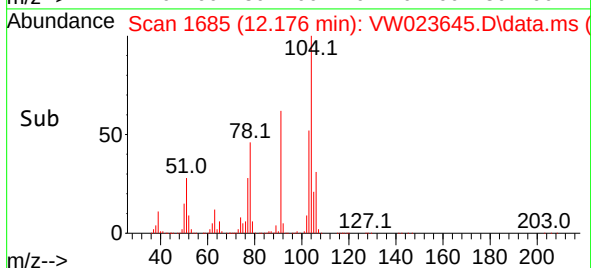
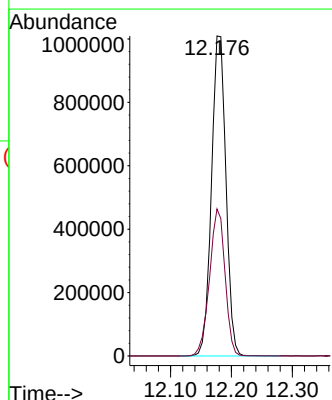
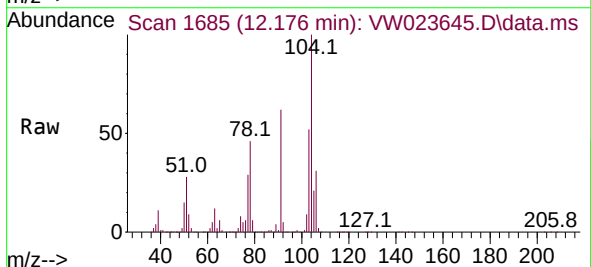
Instrument :
MSVOA_W
ClientSampleId :
VSTD100454

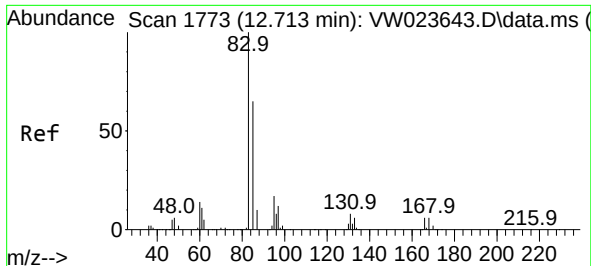
Tgt Ion:106 Resp: 926699
Ion Ratio Lower Upper
106 100
91 211.6 149.6 277.8



#55
Styrene
Concen: 109.961 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

Tgt Ion:104 Resp: 1659989
Ion Ratio Lower Upper
104 100
78 45.9 34.3 63.7





#57

1,1,2-Tetrachloroethane

Concen: 92.223 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023645.D

Acq: 13 Jul 2022 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD100454

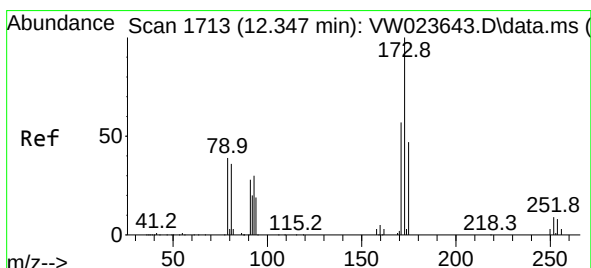
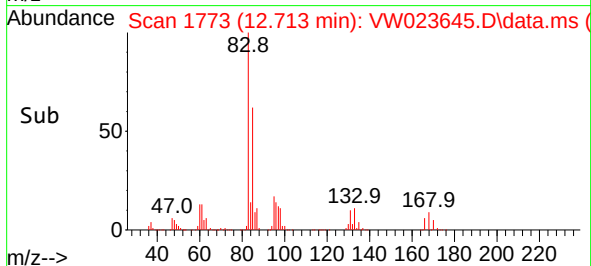
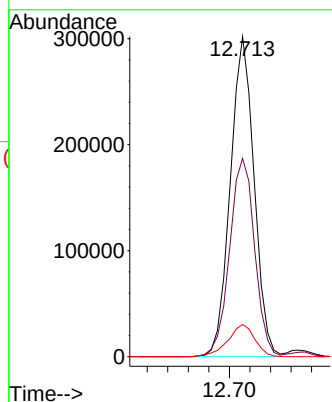
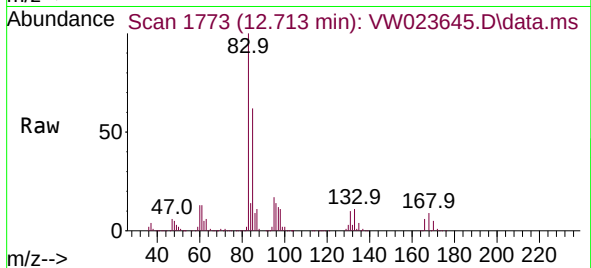
Tgt Ion: 83 Resp: 485263

Ion Ratio Lower Upper

83 100

85 61.9 46.5 86.3

131 10.0 7.4 11.0



#59

Bromoform

Concen: 110.560 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW023645.D

Acq: 13 Jul 2022 13:20

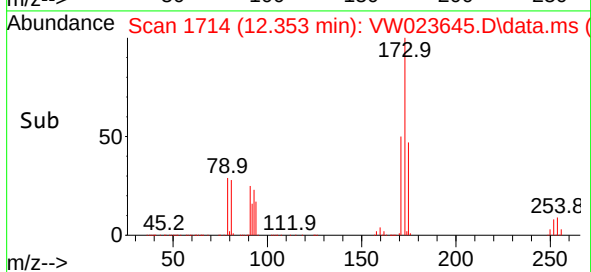
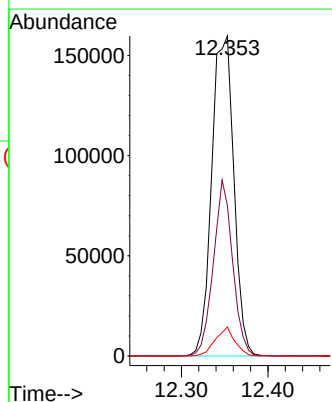
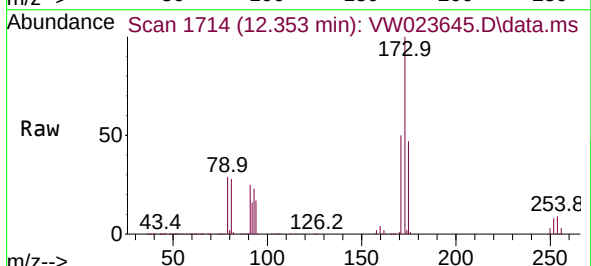
Tgt Ion:173 Resp: 283939

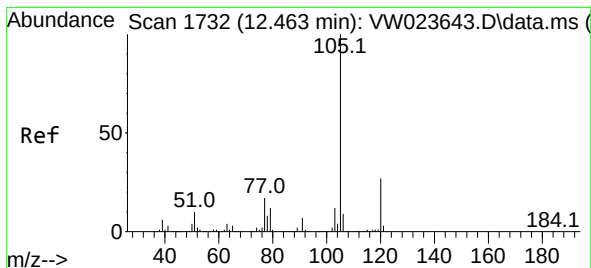
Ion Ratio Lower Upper

173 100

175 47.8 38.9 58.3

254 8.0 5.9 8.9





#60

Isopropylbenzene

Concen: 108.094 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023645.D

Acq: 13 Jul 2022 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD100454

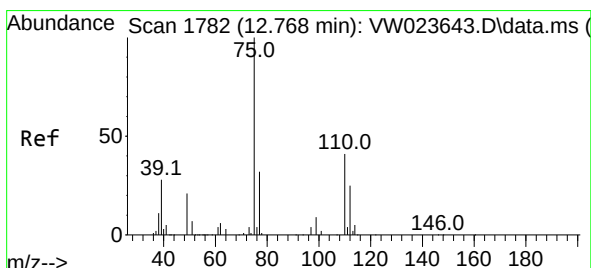
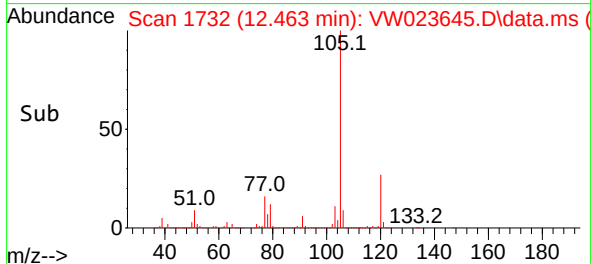
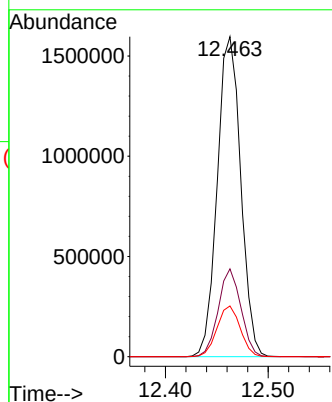
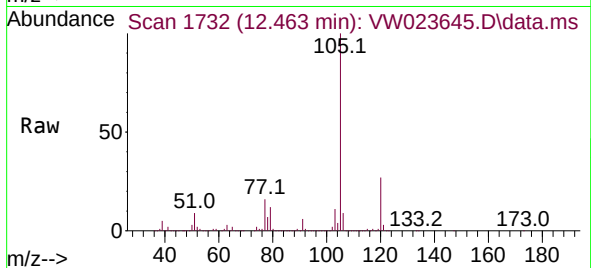
Tgt Ion:105 Resp: 2528945

Ion Ratio Lower Upper

105 100

120 26.4 20.7 31.1

77 15.7 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 89.646 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023645.D

Acq: 13 Jul 2022 13:20

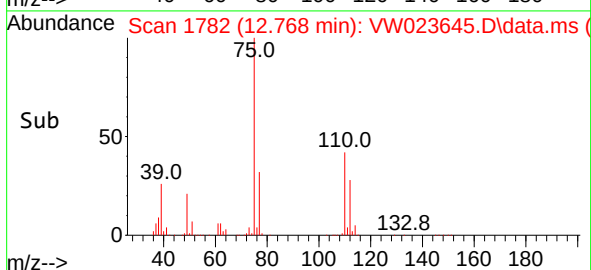
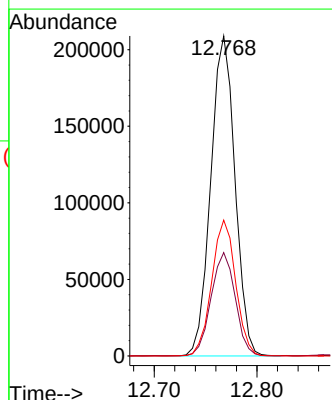
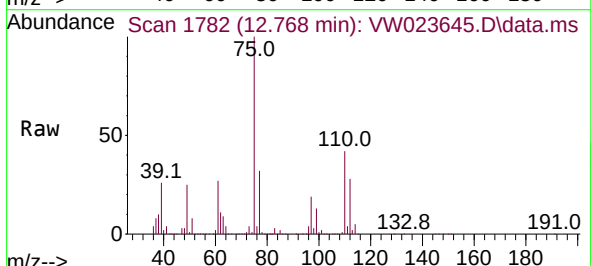
Tgt Ion: 75 Resp: 342355

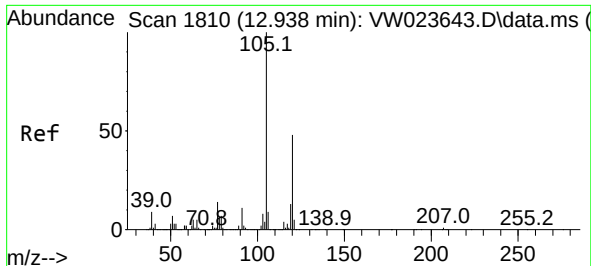
Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.4

110 41.9 31.9 47.9

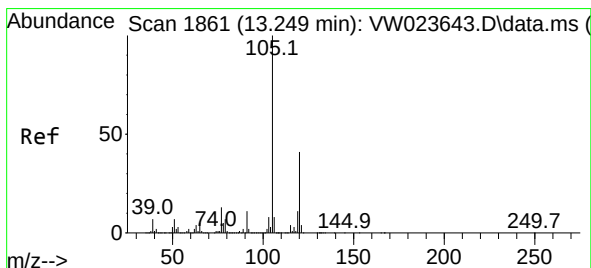
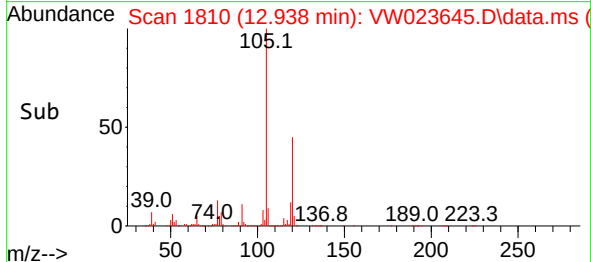
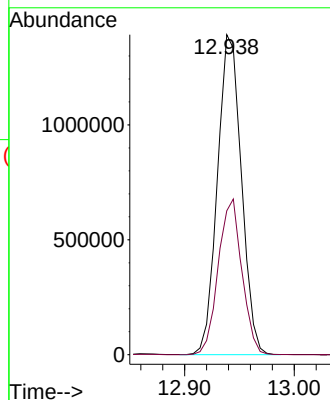
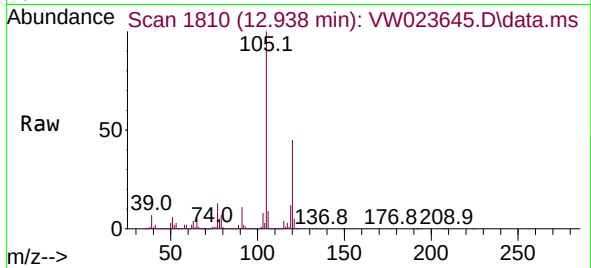




#62
 1,3,5-Trimethylbenzene
 Concen: 110.581 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW023645.D
 Acq: 13 Jul 2022 13:20

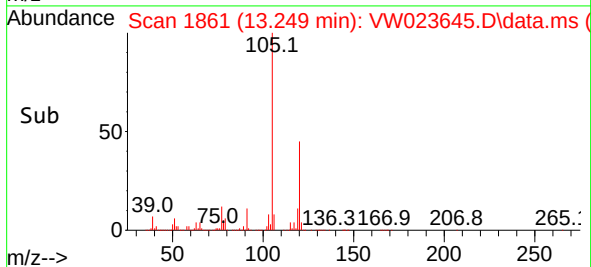
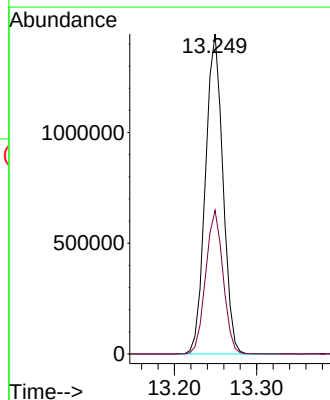
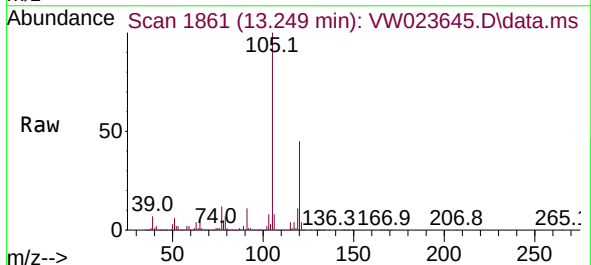
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100454

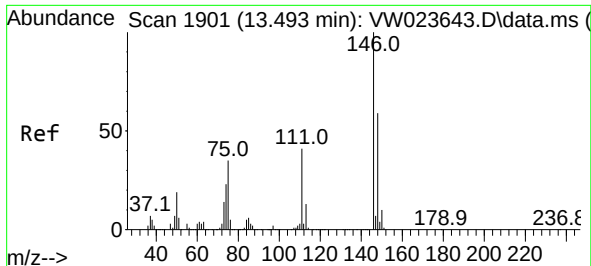
Tgt Ion:105 Resp: 2118107
 Ion Ratio Lower Upper
 105 100
 120 47.9 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 111.336 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW023645.D
 Acq: 13 Jul 2022 13:20

Tgt Ion:105 Resp: 2132126
 Ion Ratio Lower Upper
 105 100
 120 44.6 35.5 53.3

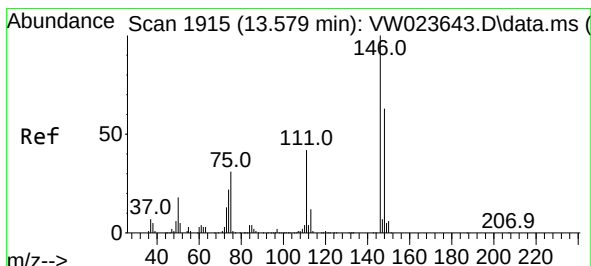
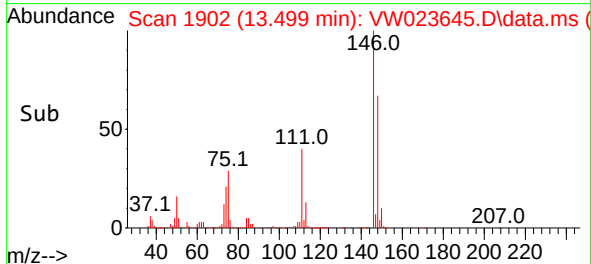
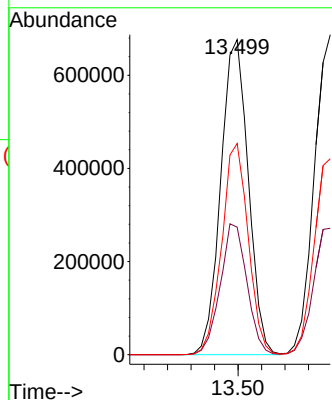
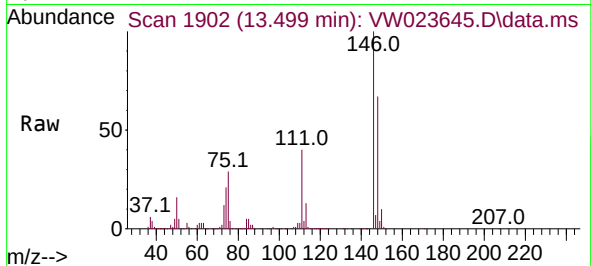




#64
1,3-Dichlorobenzene
Concen: 103.599 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

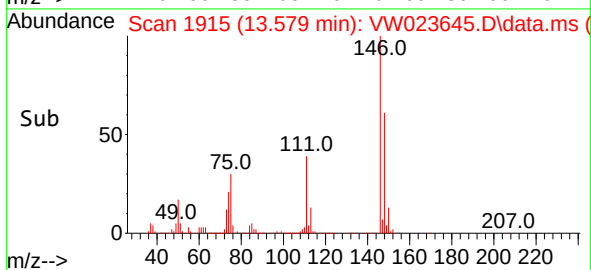
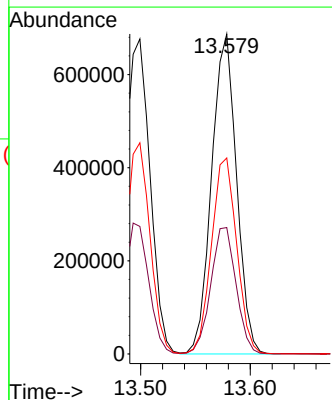
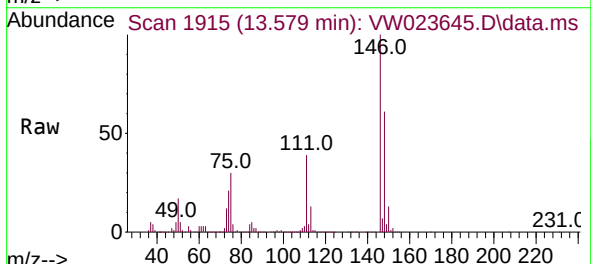
Instrument :
MSVOA_W
ClientSampleId :
VSTD100454

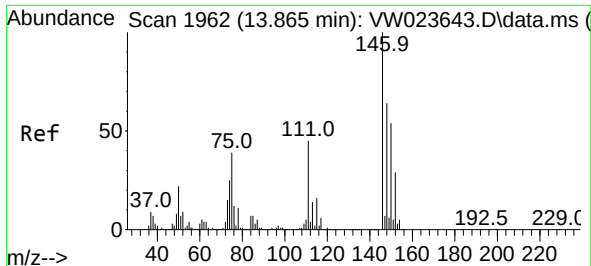
Tgt Ion:146 Resp: 1100487
Ion Ratio Lower Upper
146 100
111 40.5 28.6 53.2
148 67.0 41.2 76.4



#65
1,4-Dichlorobenzene
Concen: 96.138 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023645.D
Acq: 13 Jul 2022 13:20

Tgt Ion:146 Resp: 1086473
Ion Ratio Lower Upper
146 100
111 39.5 29.4 54.6
148 61.3 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 101.675 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023645.D

Acq: 13 Jul 2022 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD100454

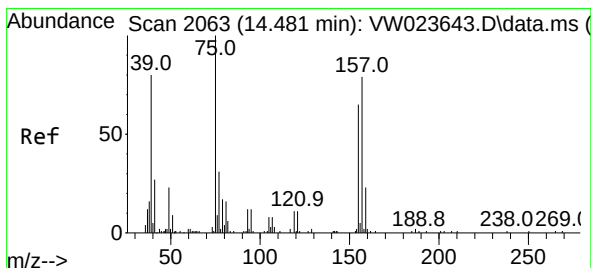
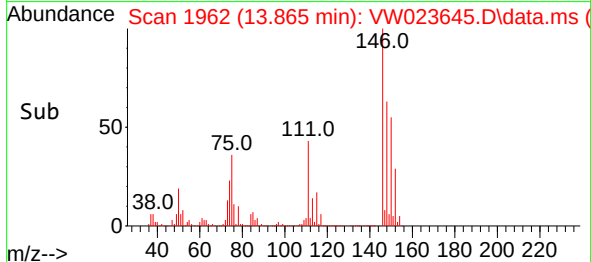
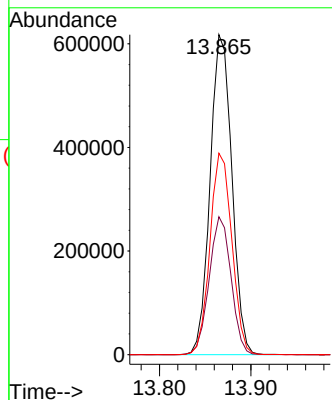
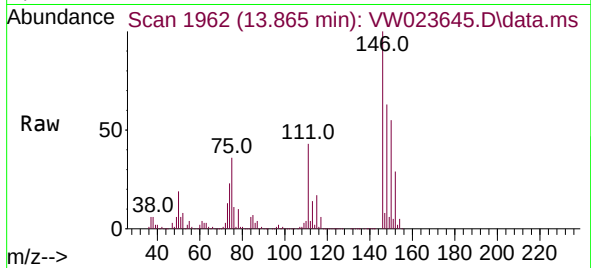
Tgt Ion:146 Resp: 1018600

Ion Ratio Lower Upper

146 100

111 43.1 35.9 53.9

148 63.0 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 92.940 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023645.D

Acq: 13 Jul 2022 13:20

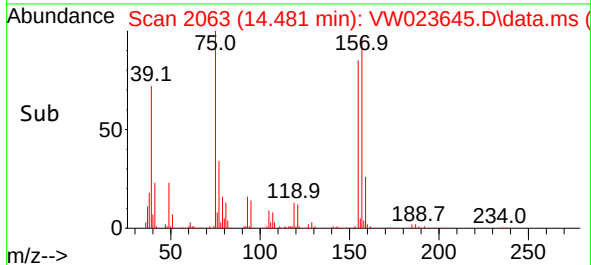
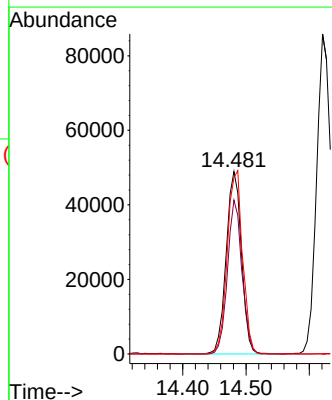
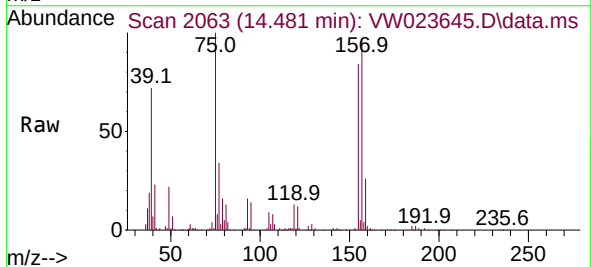
Tgt Ion: 75 Resp: 81864

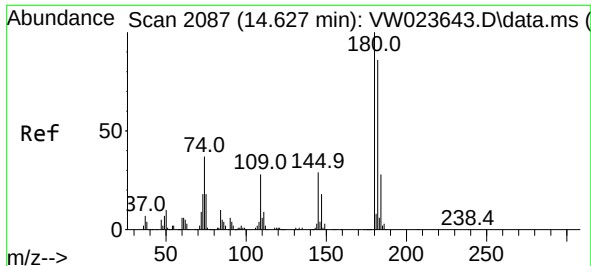
Ion Ratio Lower Upper

75 100

155 84.3 51.7 77.5#

157 96.8 63.5 95.3#

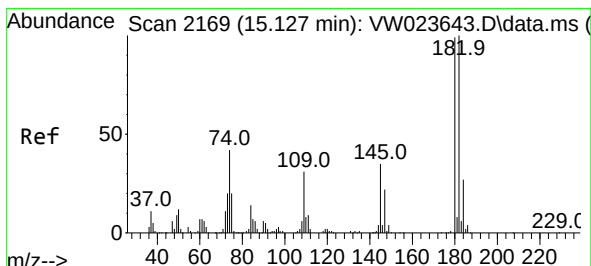
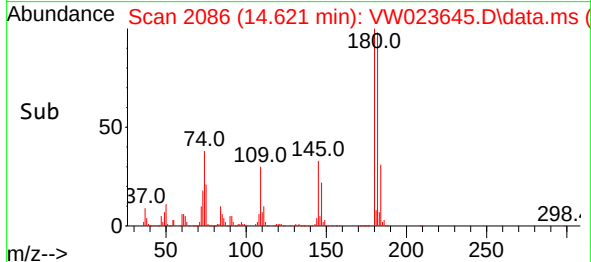
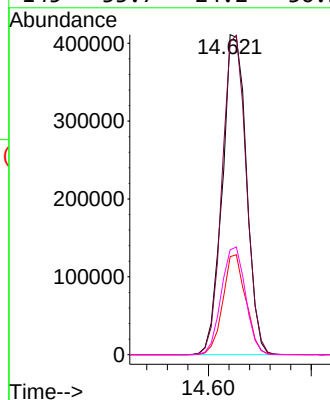
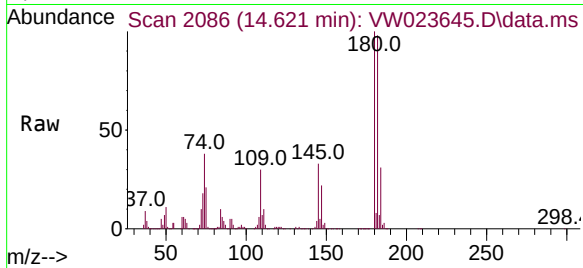




#69
 1,3,5-Trichlorobenzene
 Concen: 95.266 ug/L
 RT: 14.621 min Scan# 2087
 Delta R.T. -0.006 min
 Lab File: VW023645.D
 Acq: 13 Jul 2022 13:20

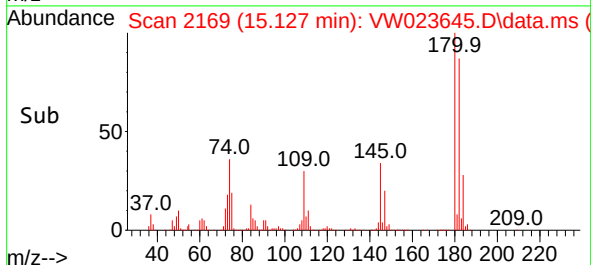
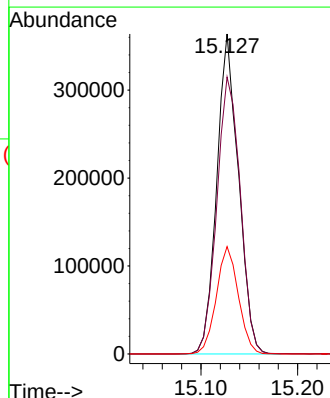
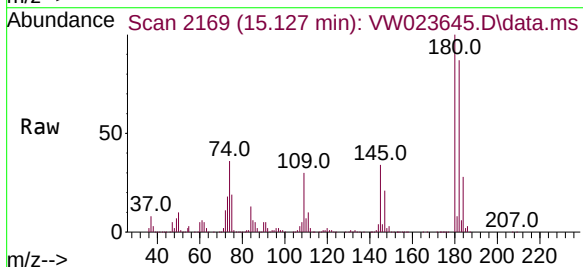
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100454

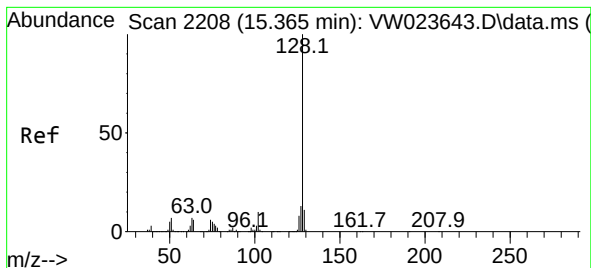
Tgt Ion:180	Resp: 669812
Ion Ratio	Lower Upper
180 100	
182 99.5	70.2 105.2
184 29.7	22.6 34.0
145 33.7	24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 104.361 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW023645.D
 Acq: 13 Jul 2022 13:20

Tgt Ion:180	Resp: 566598
Ion Ratio	Lower Upper
180 100	
182 93.6	77.5 116.3
145 34.0	26.3 39.5





#71

Naphthalene

Concen: 120.277 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VW023645.D

Acq: 13 Jul 2022 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD100454

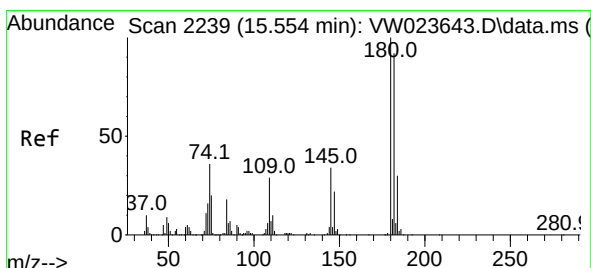
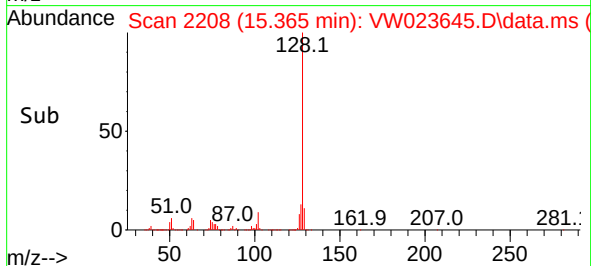
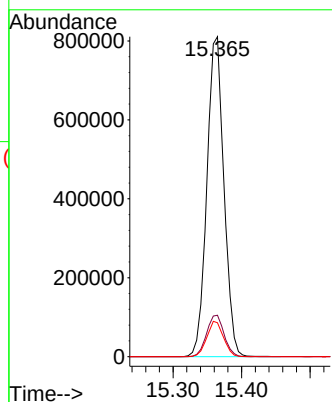
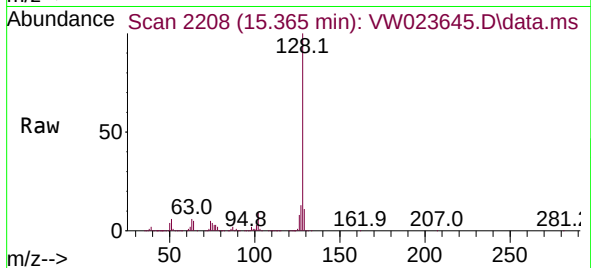
Tgt Ion:128 Resp: 1400755

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.4

129 10.8 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 106.158 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW023645.D

Acq: 13 Jul 2022 13:20

Tgt Ion:180 Resp: 537204

Ion Ratio Lower Upper

180 100

182 94.5 76.3 114.5

145 35.2 27.8 41.6

