

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013023\
 Data File : VW025243.D
 Acq On : 30 Jan 2023 10:08
 Operator : SY/MD
 Sample : VSTD2.505
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 31 00:49:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 31 00:47:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	368800	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	328354	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	124770	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	10517	2.554	ug/L	0.00
7) Chloroethane-d5	2.885	69	6153	2.324	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	24100	2.493	ug/L	0.00
21) 2-Butanone-d5	7.080	46	2979	2.650	ug/L	0.00
24) Chloroform-d	7.647	84	23976	2.450	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	13772	2.628	ug/L	0.00
32) Benzene-d6	8.275	84	47419	2.435	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	14408	2.557	ug/L	0.00
41) Toluene-d8	10.323	98	42679	2.375	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	5839	2.353	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	3862	4.294	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	10874	2.505	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	12232	2.744	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	4416	1.927	ug/L	99
3) Chloromethane	2.215	50	10855	2.532	ug/L	95
5) Vinyl chloride	2.355	62	13575	2.513	ug/L	85
6) Bromomethane	2.782	94	7438	2.637	ug/L	97
8) Chloroethane	2.922	64	6028	2.482	ug/L	100
9) Trichlorofluoromethane	3.251	101	9479	2.304	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	13581	2.473	ug/L	97
12) 1,1-Dichloroethene	4.050	96	12492	2.426	ug/L #	79
13) Acetone	4.123	43	6318	5.191	ug/L	77
14) Carbon disulfide	4.385	76	41738	2.458	ug/L	97
15) Methyl Acetate	4.678	43	4965	2.469	ug/L #	83
16) Methylene chloride	4.922	84	19104	3.266	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	13160	2.452	ug/L	92
18) Methyl tert-butyl Ether	5.434	73	19287	2.492	ug/L	96
19) 1,1-Dichloroethane	6.214	63	24174	2.529	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	13672	2.437	ug/L	96
22) 2-Butanone	7.177	43	6739	4.546	ug/L	82
23) Bromochloromethane	7.519	128	5854	2.425	ug/L	97
25) Chloroform	7.677	83	24178	2.477	ug/L	97
27) 1,2-Dichloroethane	8.403	62	15595	2.405	ug/L	96
29) Cyclohexane	7.958	56	20309	2.256	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	20708	2.429	ug/L	99
31) Carbon tetrachloride	8.074	117	19881	2.479	ug/L	97
33) Benzene	8.317	78	53461	2.481	ug/L	100
34) Trichloroethene	9.092	95	14498	2.470	ug/L	97
35) Methylcyclohexane	9.335	83	23658	2.319	ug/L	98
37) 1,2-Dichloropropane	9.366	63	12627	2.430	ug/L	97
38) Bromodichloromethane	9.646	83	17114	2.459	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	19438	2.275	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	12075	4.445	ug/L	99
42) Toluene	10.390	91	53527	2.350	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	15858	2.211	ug/L	100

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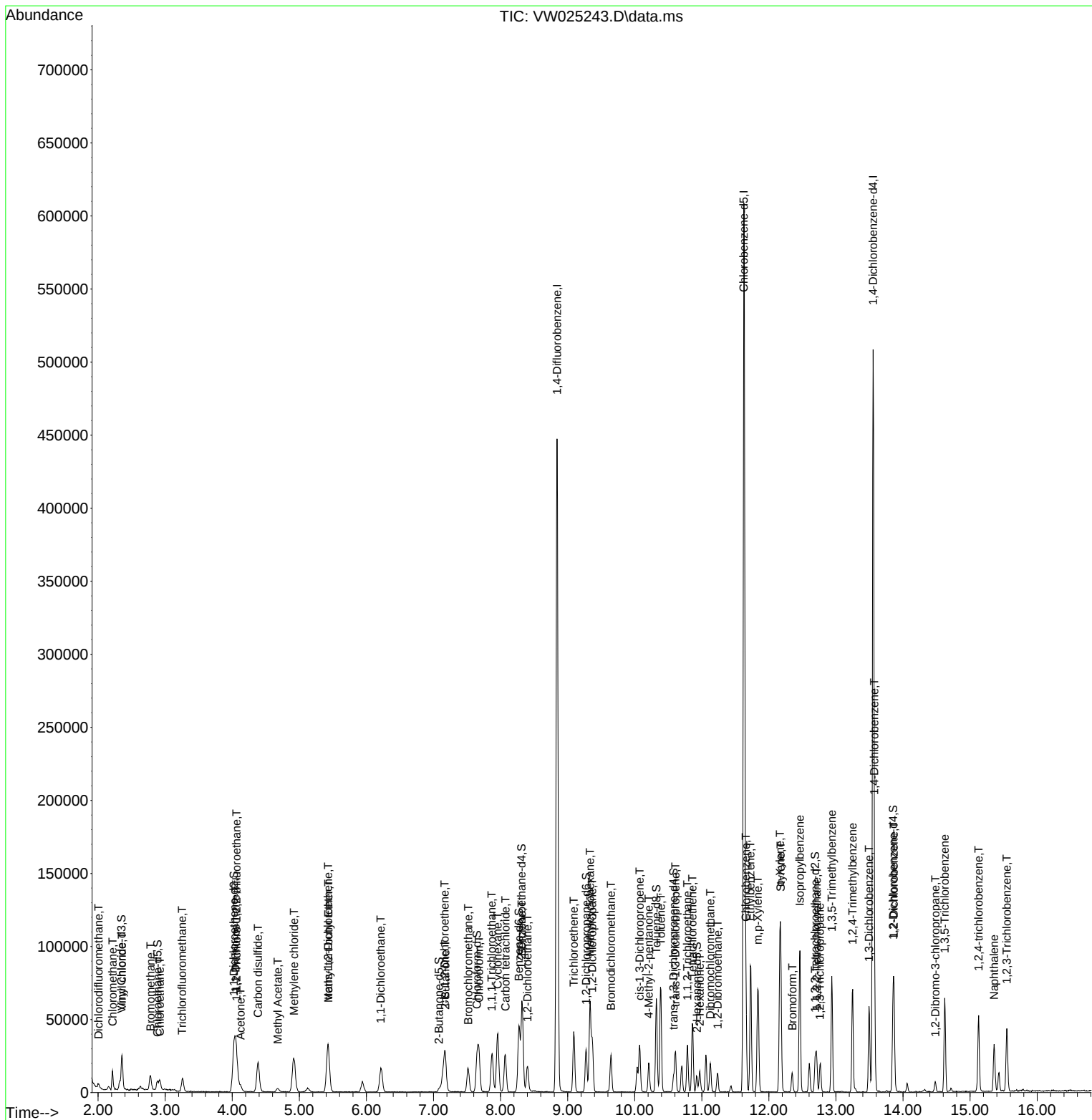
Instrument :
 MSVOA_W
 ClientSampleId :

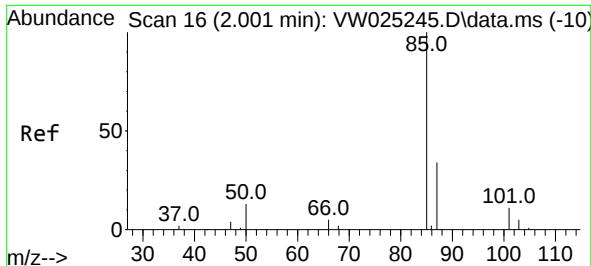
Quant Time: Jan 31 00:49:05 2023
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 Quant Title : SFAM01.0
 QLast Update : Tue Jan 31 00:47:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	9569	2.448	ug/L	94
46) Tetrachloroethene	10.860	164	10602	2.451	ug/L	96
48) 2-Hexanone	10.969	43	9403	4.565	ug/L	95
49) Dibromochloromethane	11.128	129	10735	2.411	ug/L	100
50) 1,2-Dibromoethane	11.238	107	8962	2.380	ug/L	95
51) Chlorobenzene	11.658	112	35407	2.429	ug/L	98
52) Ethylbenzene	11.725	91	62578	2.367	ug/L	98
53) m,p-Xylene	11.835	106	23693	2.358	ug/L	90
54) o-Xylene	12.164	106	22354	2.370	ug/L	94
55) Styrene	12.176	104	35932	2.263	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	11208	2.483	ug/L	98
59) Bromoform	12.353	173	5999	2.909	ug/L	98
60) Isopropylbenzene	12.463	105	61377	2.808	ug/L	100
61) 1,2,3-Trichloropropane	12.762	75	8139	2.964	ug/L	100
62) 1,3,5-Trimethylbenzene	12.939	105	39916	2.311	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	38356	2.270	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	23175	2.637	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	21973	2.516	ug/L	88
67) 1,2-Dichlorobenzene	13.865	146	20009	2.712	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	2098	3.250	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	17706	3.053	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	14255	3.067	ug/L	90
71) Naphthalene	15.359	128	26363	2.809	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	13362	3.182	ug/L	97

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

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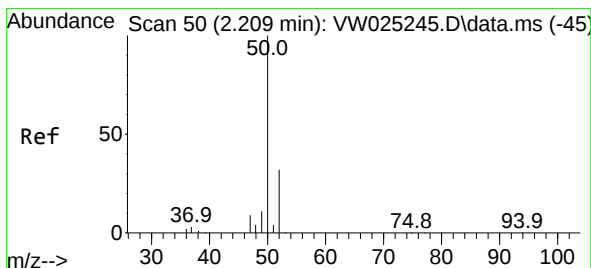
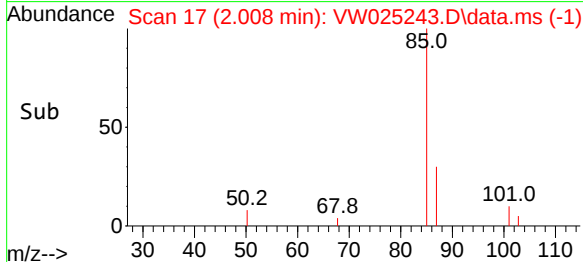
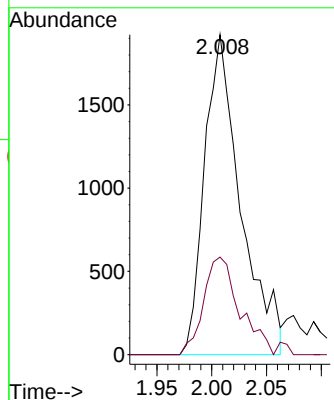
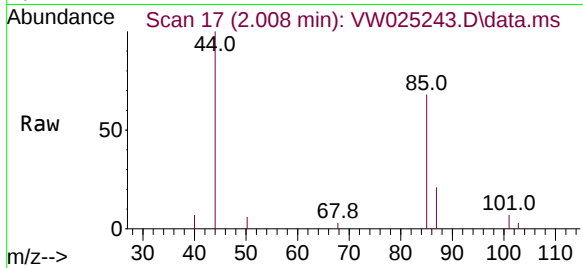




#2
 Dichlorodifluoromethane
 Concen: 1.927 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW025243.D
 Acq: 30 Jan 2023 10:08

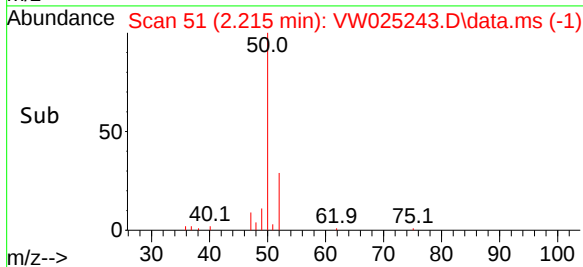
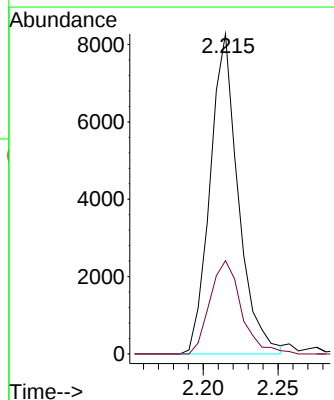
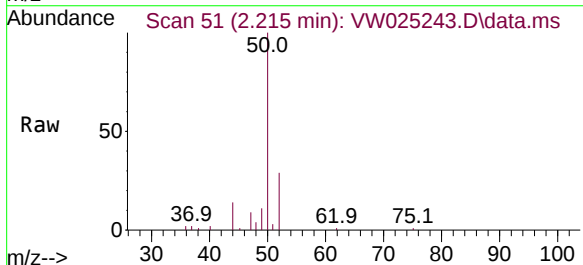
Instrument :
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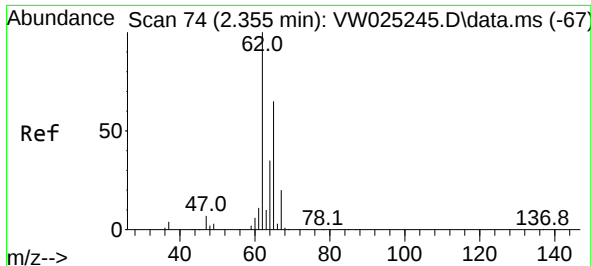
Tgt Ion: 85 Resp: 4416
 Ion Ratio Lower Upper
 85 100
 87 30.3 24.6 37.0



#3
 Chloromethane
 Concen: 2.532 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW025243.D
 Acq: 30 Jan 2023 10:08

Tgt Ion: 50 Resp: 10855
 Ion Ratio Lower Upper
 50 100
 52 29.2 22.3 41.3

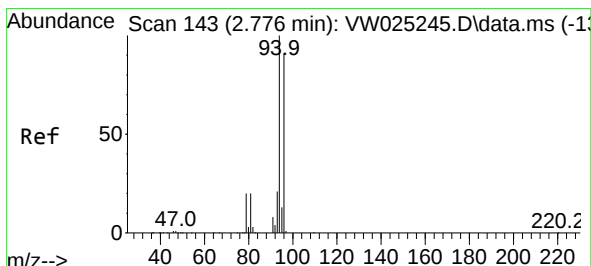
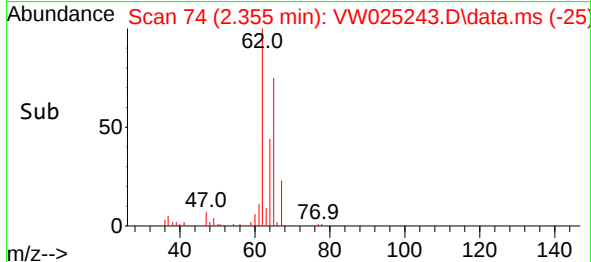
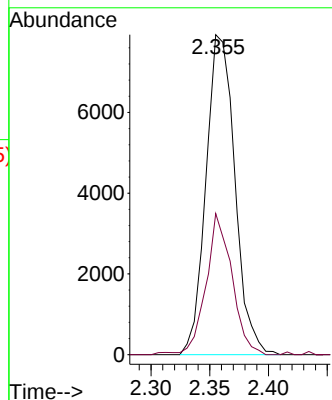
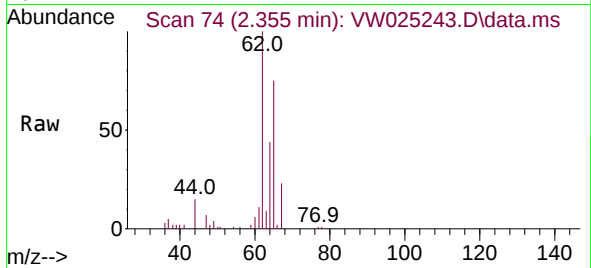




#5
 Vinyl chloride
 Concen: 2.513 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW025243.D
 Acq: 30 Jan 2023 10:08

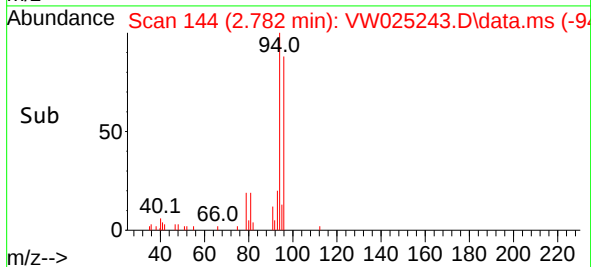
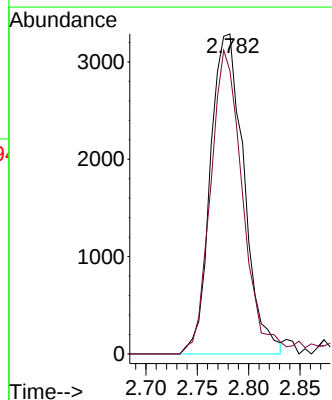
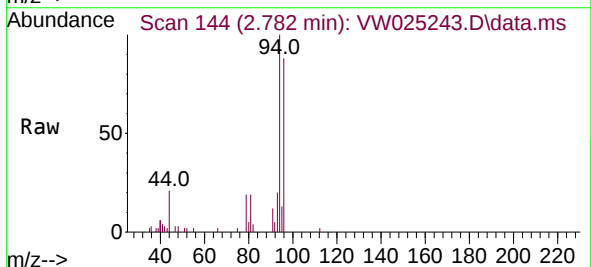
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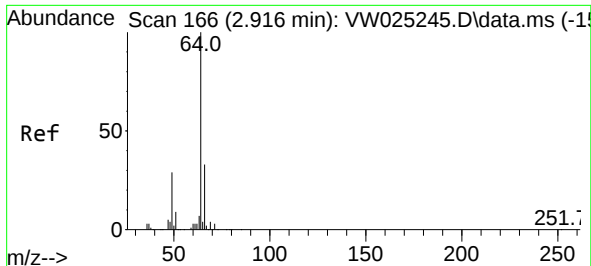
Tgt Ion: 62 Resp: 13575
 Ion Ratio Lower Upper
 62 100
 64 44.1 24.7 45.9



#6
 Bromomethane
 Concen: 2.637 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW025243.D
 Acq: 30 Jan 2023 10:08

Tgt Ion: 94 Resp: 7438
 Ion Ratio Lower Upper
 94 100
 96 88.4 64.0 118.8

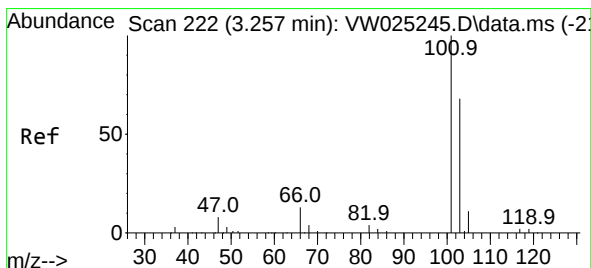
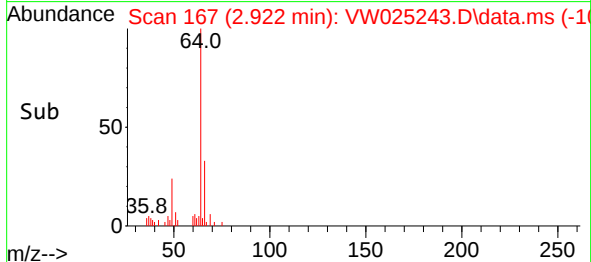
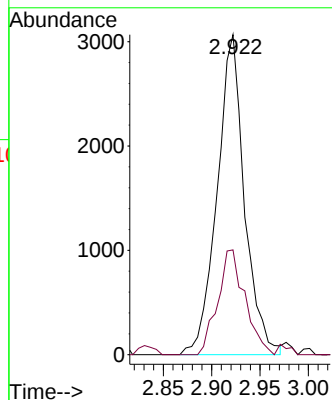
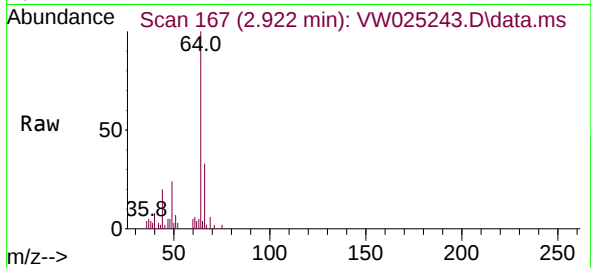




#8
Chloroethane
Concen: 2.482 ug/L
RT: 2.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

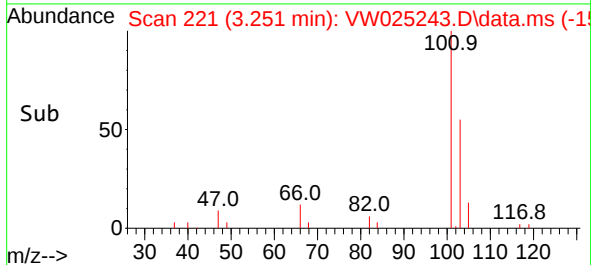
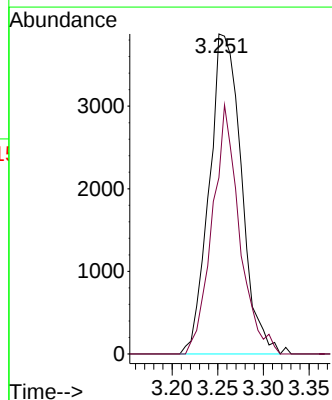
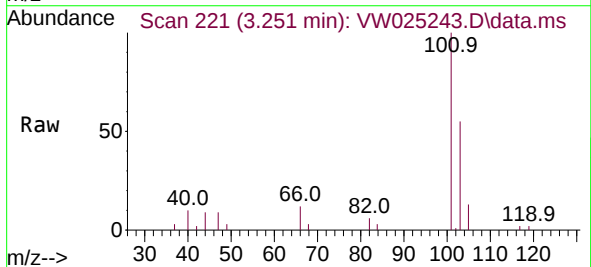
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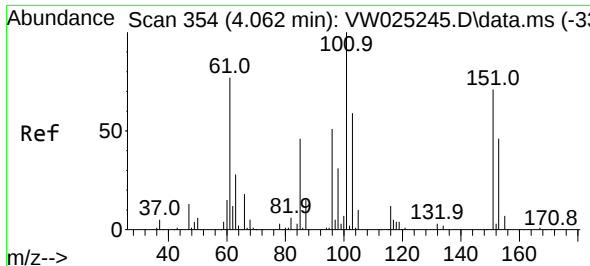
Tgt Ion: 64 Resp: 6028
Ion Ratio Lower Upper
64 100
66 32.8 23.0 42.8



#9
Trichlorofluoromethane
Concen: 2.304 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

Tgt Ion: 101 Resp: 9479
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

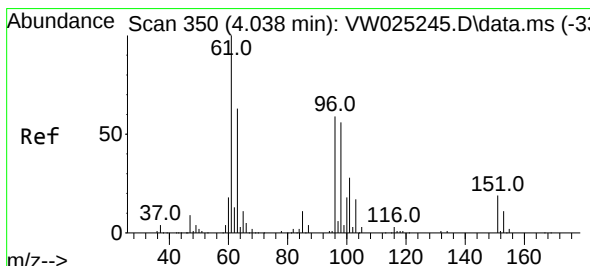
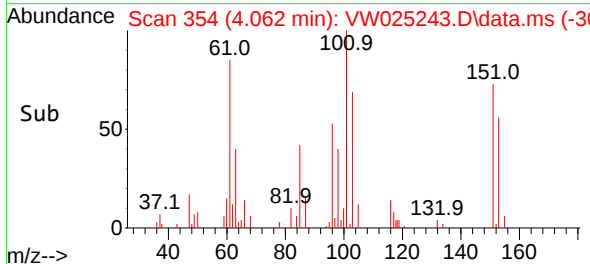
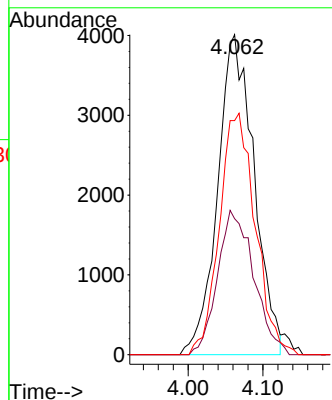
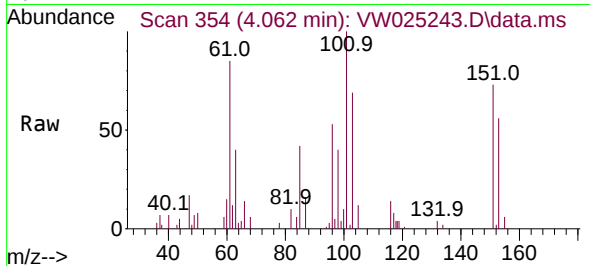




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.473 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW025243.D
 Acq: 30 Jan 2023 10:08

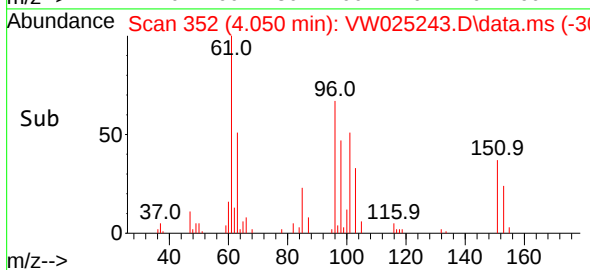
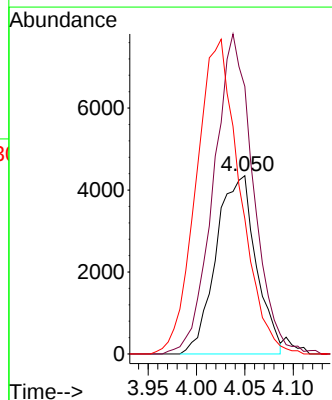
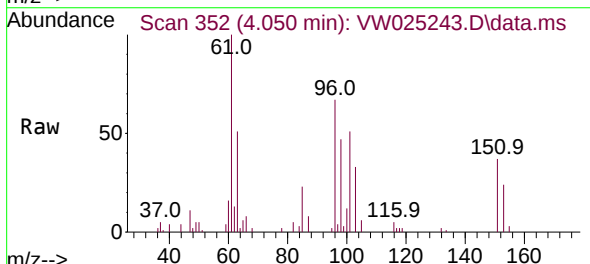
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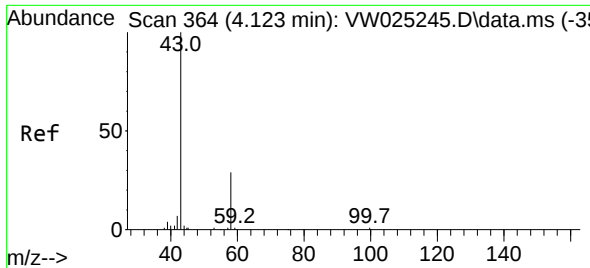
Tgt Ion:101 Resp: 13581
 Ion Ratio Lower Upper
 101 100
 85 45.0 35.7 53.5
 151 74.4 56.4 84.6



#12
 1,1-Dichloroethene
 Concen: 2.426 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.012 min
 Lab File: VW025243.D
 Acq: 30 Jan 2023 10:08

Tgt Ion: 96 Resp: 12492
 Ion Ratio Lower Upper
 96 100
 61 150.1 119.1 221.3
 63 75.8 76.4 141.8#





#13

Acetone

Concen: 5.191 ug/L

RT: 4.123 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

Instrument :

MSVOA_W

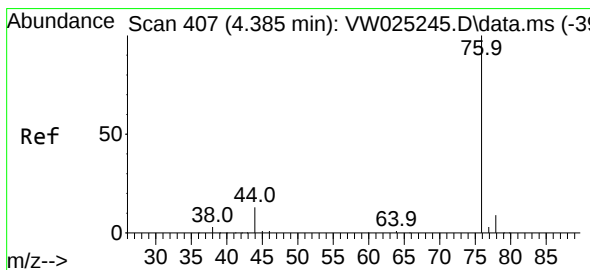
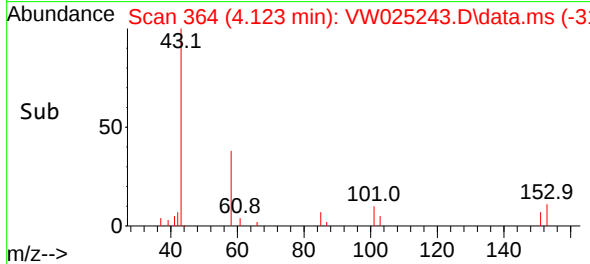
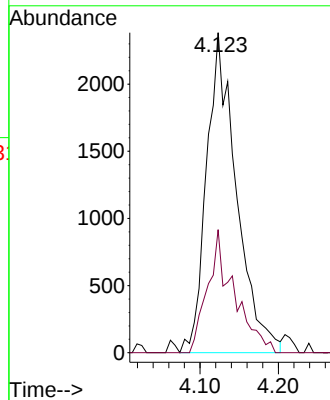
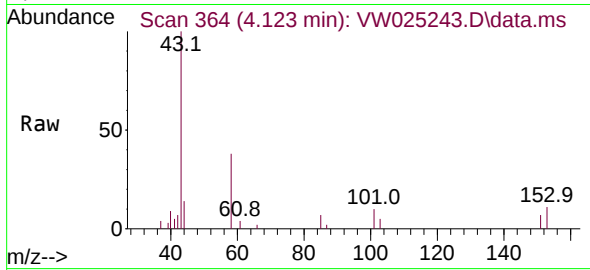
ClientSampleId :

Tgt Ion: 43 Resp: 6318

Ion Ratio Lower Upper

43 100

58 19.0 0.0 63.6



#14

Carbon disulfide

Concen: 2.458 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW025243.D

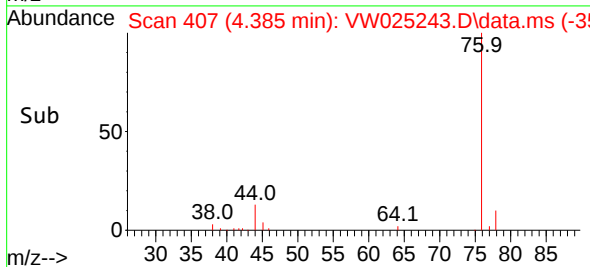
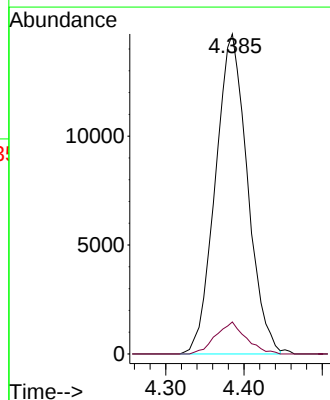
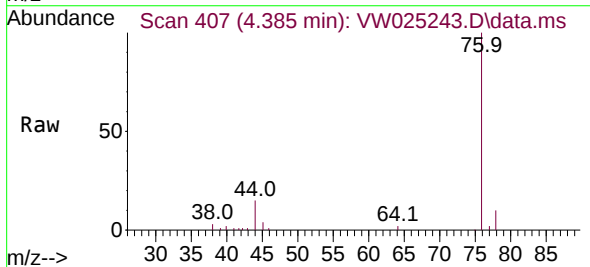
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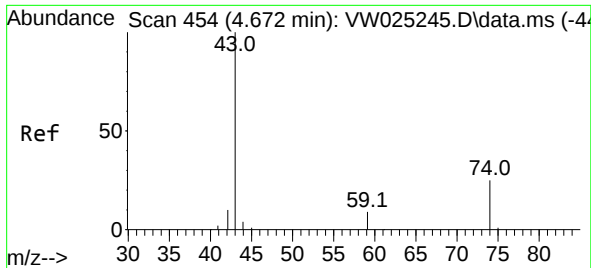
Tgt Ion: 76 Resp: 41738

Ion Ratio Lower Upper

76 100

78 10.0 7.1 10.7

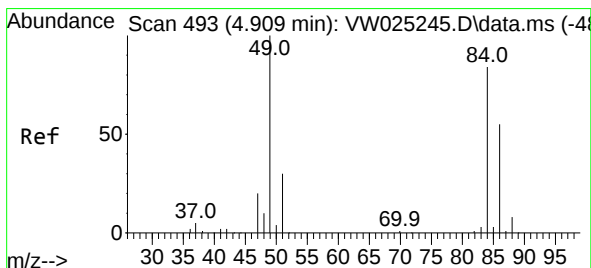
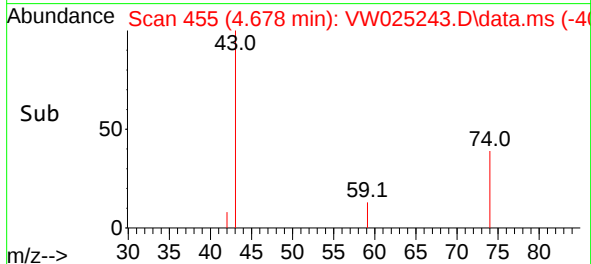
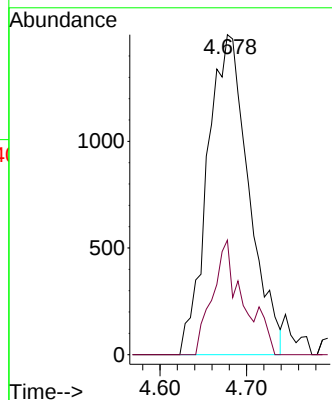
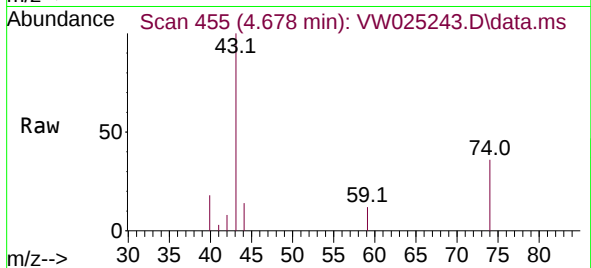




#15
Methyl Acetate
Concen: 2.469 ug/L
RT: 4.678 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

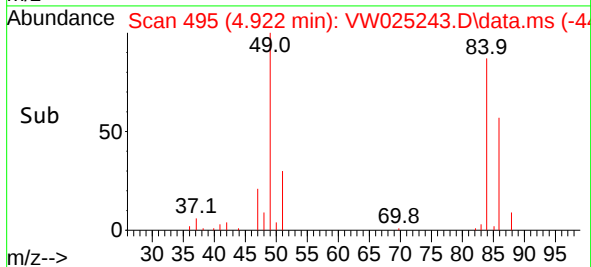
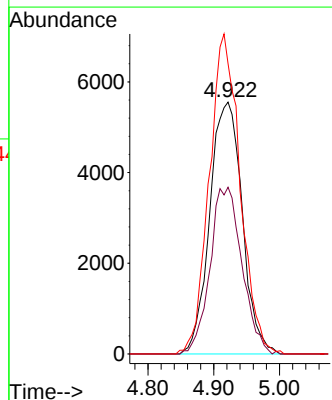
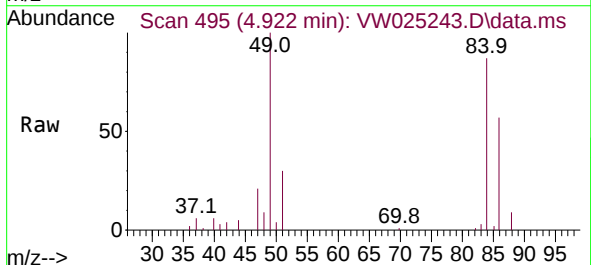
Instrument :
MSVOA_W
ClientSampleId :

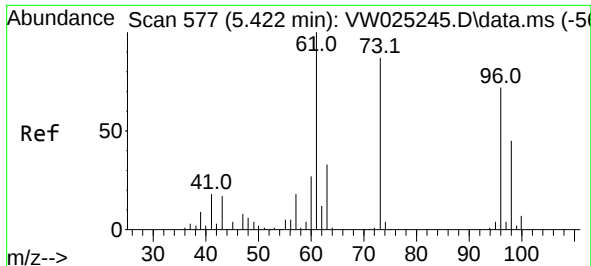
Tgt Ion: 43 Resp: 4965
Ion Ratio Lower Upper
43 100
74 16.4 20.0 30.0#



#16
Methylene chloride
Concen: 3.266 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

Tgt Ion: 84 Resp: 19104
Ion Ratio Lower Upper
84 100
86 66.2 45.5 84.5
49 115.3 83.1 154.3





#17

trans-1,2-Dichloroethene

Concen: 2.452 ug/L

RT: 5.428 min Scan# 51

Delta R.T. 0.006 min

Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

Instrument :

MSVOA_W

ClientSampleId :

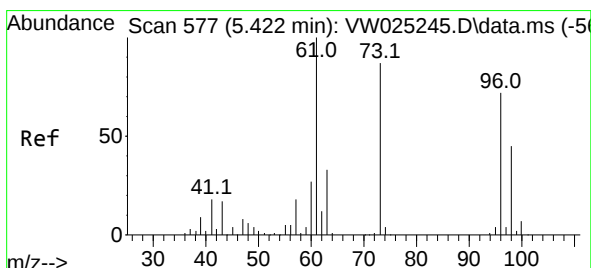
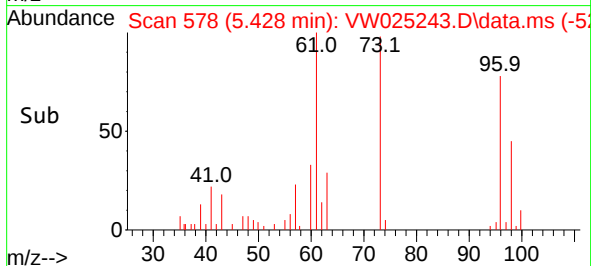
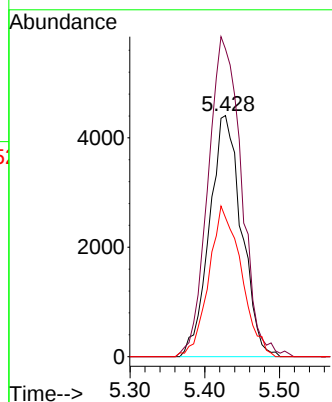
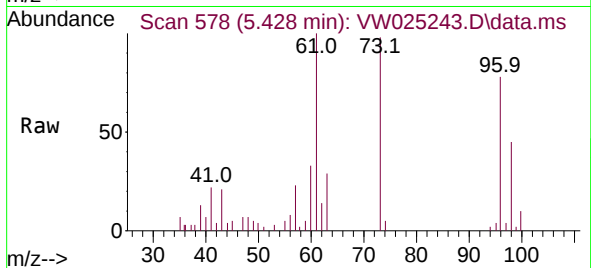
Tgt Ion: 96 Resp: 13160

Ion Ratio Lower Upper

96 100

61 127.6 96.6 179.4

98 57.7 43.1 80.1



#18

Methyl tert-butyl Ether

Concen: 2.492 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.012 min

Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

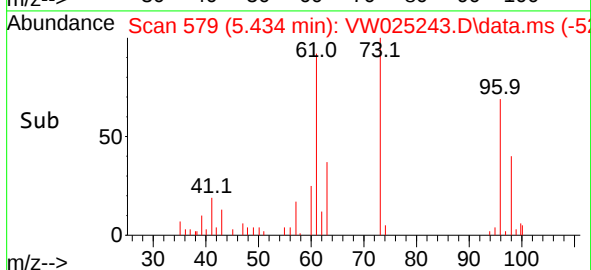
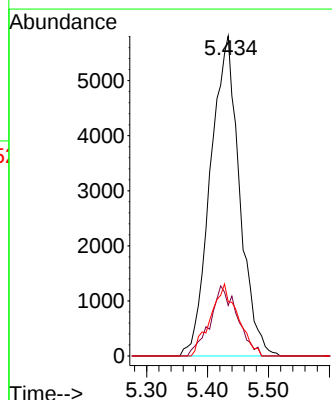
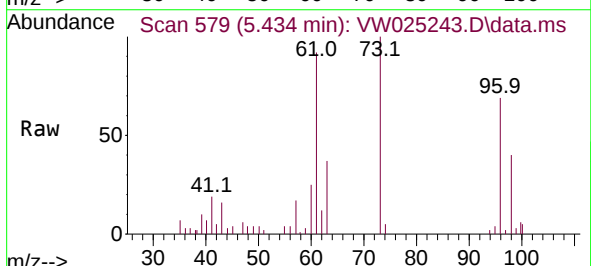
Tgt Ion: 73 Resp: 19287

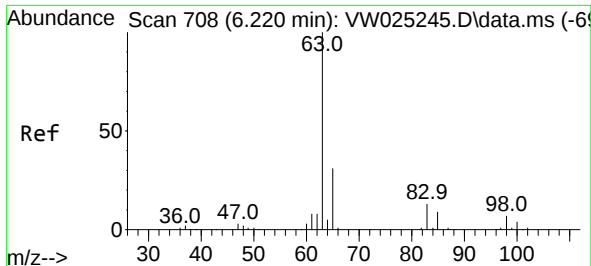
Ion Ratio Lower Upper

73 100

43 20.7 16.0 24.0

57 18.6 17.1 25.7





#19

1,1-Dichloroethane

Concen: 2.529 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW025243.D

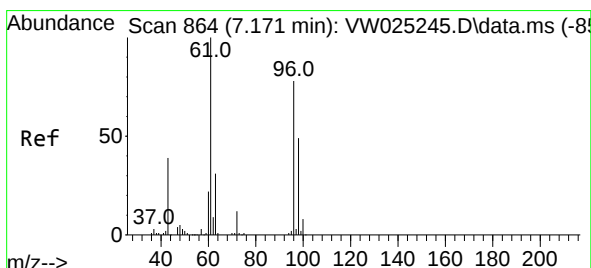
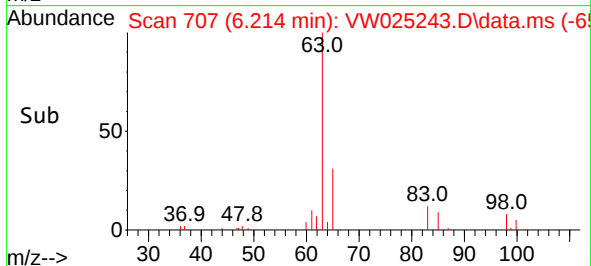
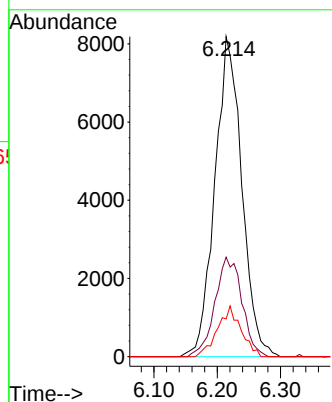
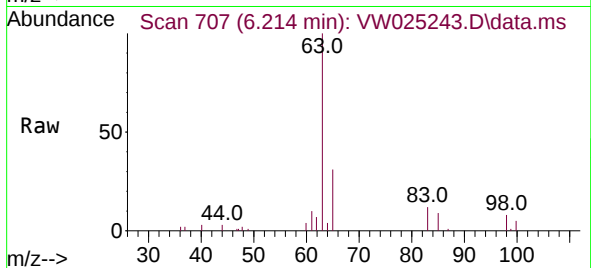
Acq: 30 Jan 2023 10:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	24174
Ion	Ratio	Lower	Upper
63	100		
65	31.1	21.8	40.4
83	11.8	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 2.437 ug/L

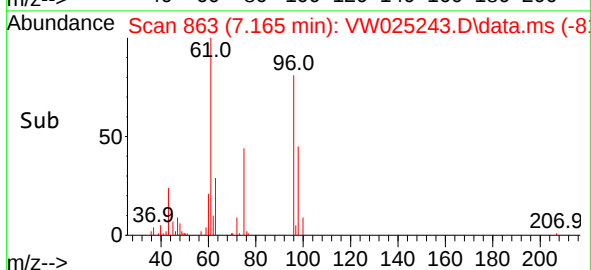
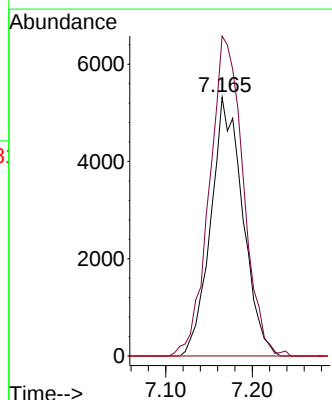
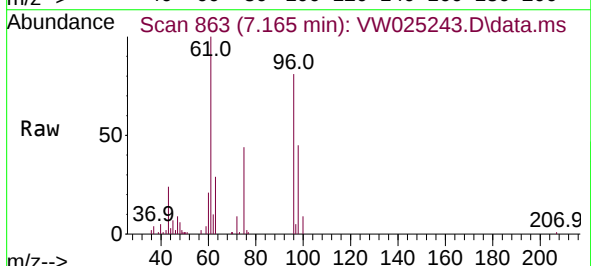
RT: 7.165 min Scan# 863

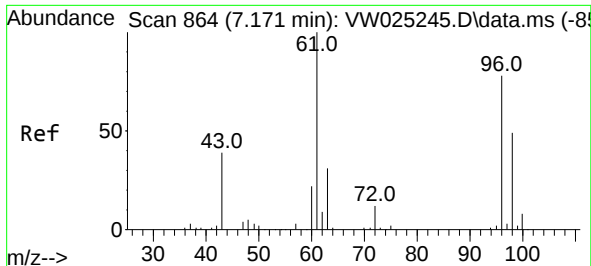
Delta R.T. -0.006 min

Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

Tgt Ion:	96	Resp:	13672
Ion	Ratio	Lower	Upper
96	100		
61	123.7	90.2	167.4
68	0.0	0.0	0.0

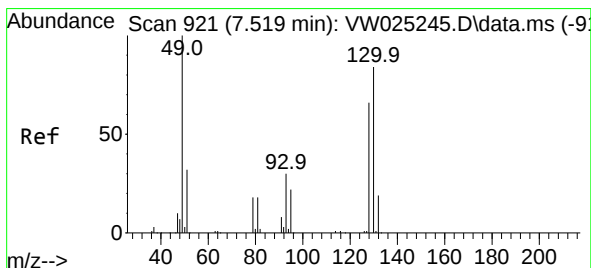
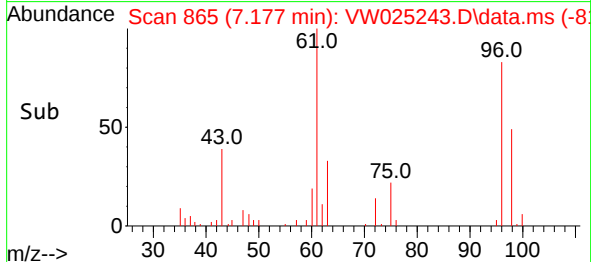
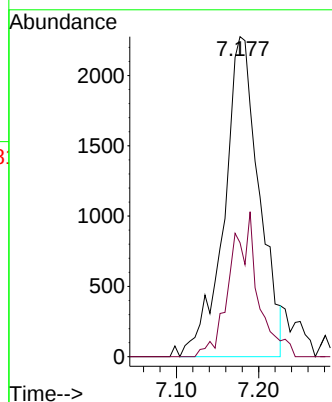
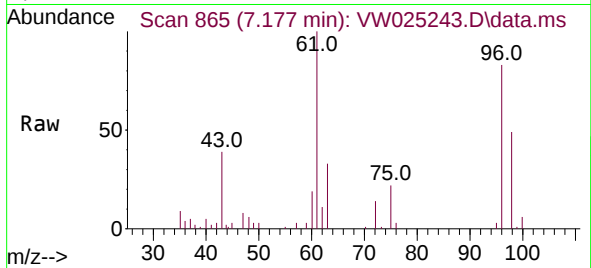




#22
2-Butanone
Concen: 4.546 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

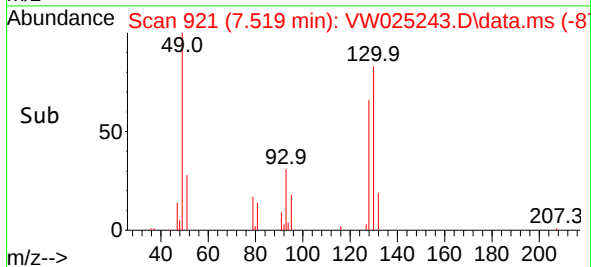
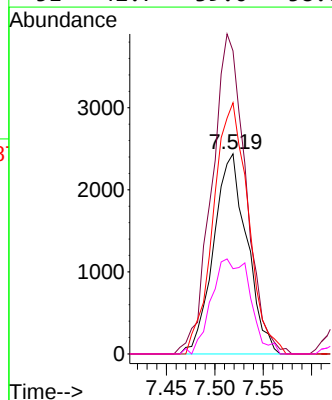
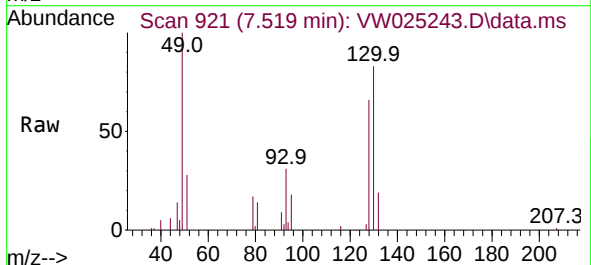
Instrument :
MSVOA_W
ClientSampleId :

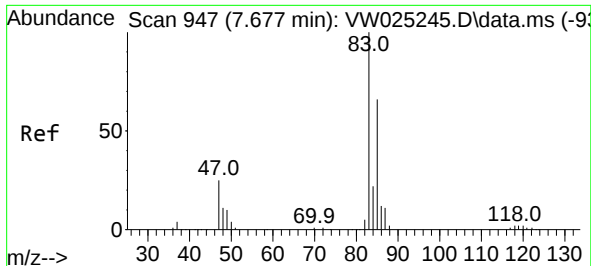
Tgt Ion: 43 Resp: 6739
Ion Ratio Lower Upper
43 100
72 19.3 14.4 43.2



#23
Bromochloromethane
Concen: 2.425 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

Tgt Ion: 128 Resp: 5854
Ion Ratio Lower Upper
128 100
49 151.5 107.0 198.6
130 125.6 89.7 166.5
51 42.7 39.0 58.6

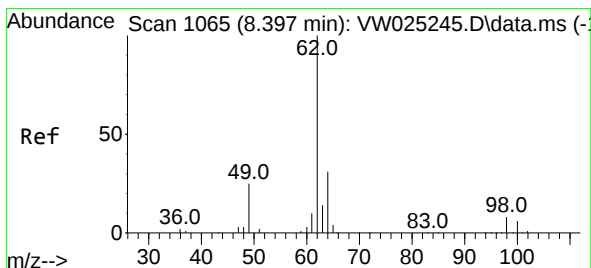
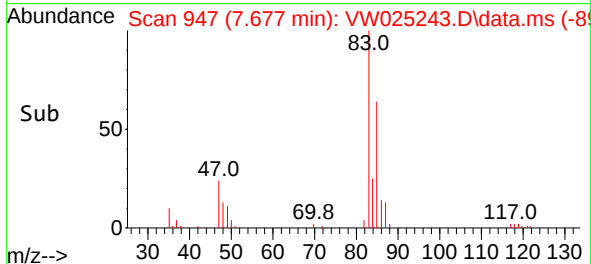
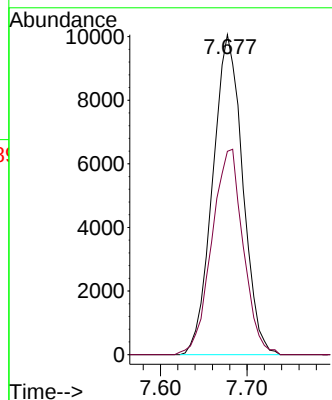
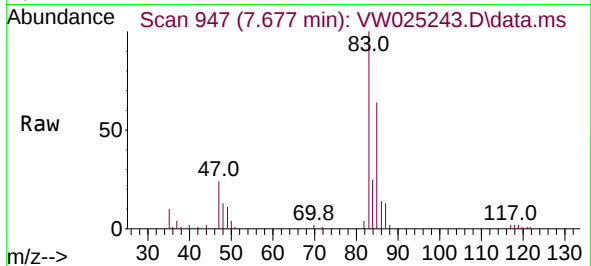




#25
Chloroform
Concen: 2.477 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

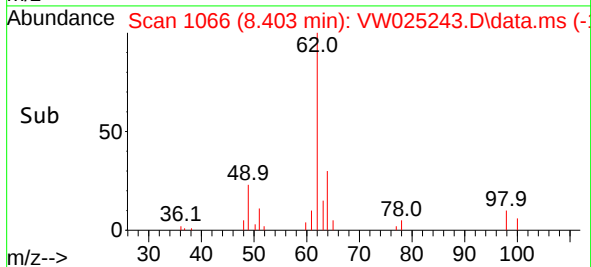
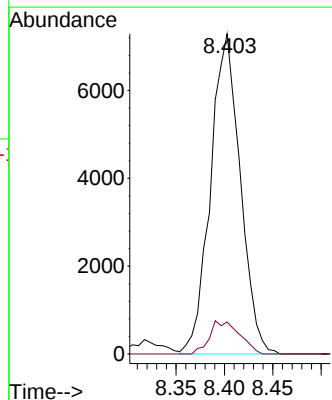
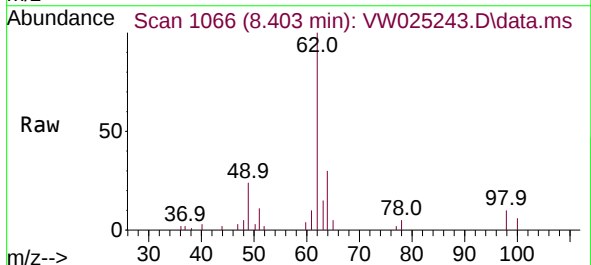
Instrument :
MSVOA_W
ClientSampleId :

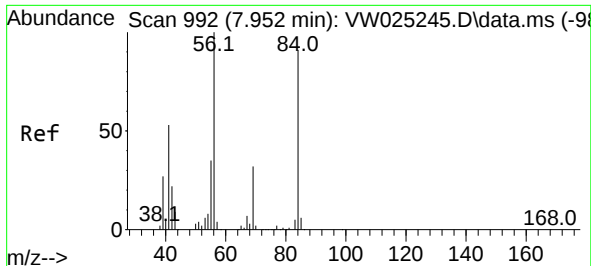
Tgt Ion: 83 Resp: 24178
Ion Ratio Lower Upper
83 100
85 63.5 46.1 85.7



#27
1,2-Dichloroethane
Concen: 2.405 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

Tgt Ion: 62 Resp: 15595
Ion Ratio Lower Upper
62 100
98 10.0 6.8 10.2





#29

Cyclohexane

Concen: 2.256 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

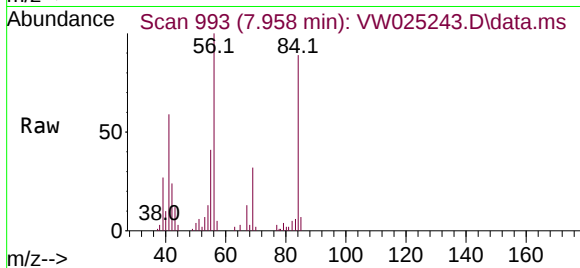
Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

Instrument :

MSVOA_W

ClientSampleId :



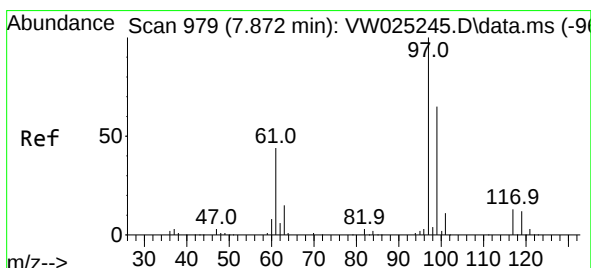
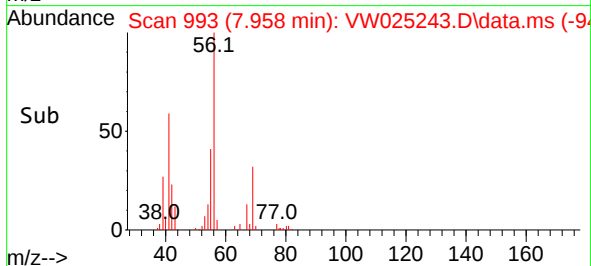
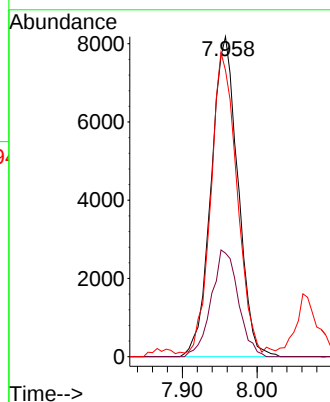
Tgt Ion: 56 Resp: 20309

Ion Ratio Lower Upper

56 100

69 33.7 25.6 38.4

84 93.3 73.5 110.3



#30

1,1,1-Trichloroethane

Concen: 2.429 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

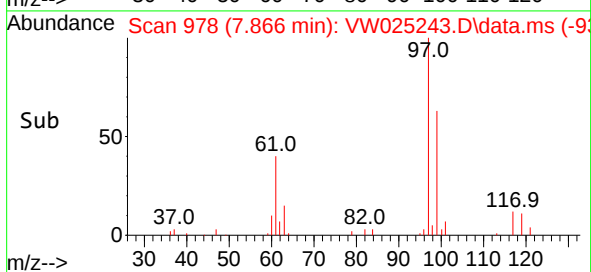
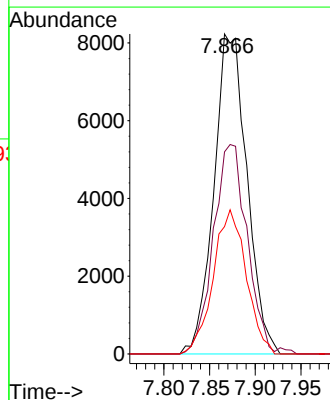
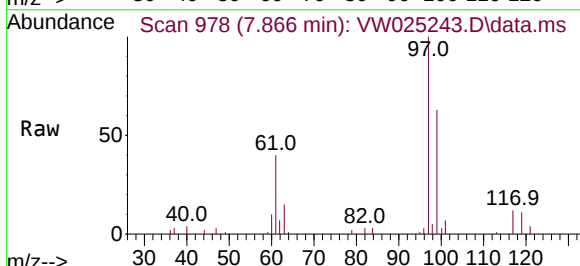
Tgt Ion: 97 Resp: 20708

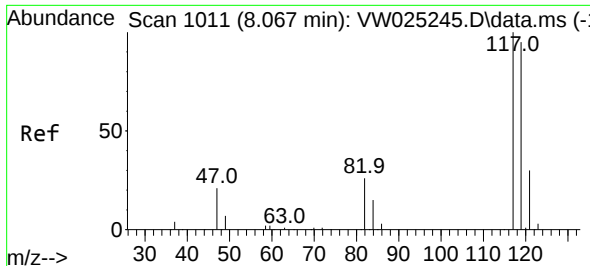
Ion Ratio Lower Upper

97 100

99 66.6 52.3 78.5

61 45.0 35.6 53.4

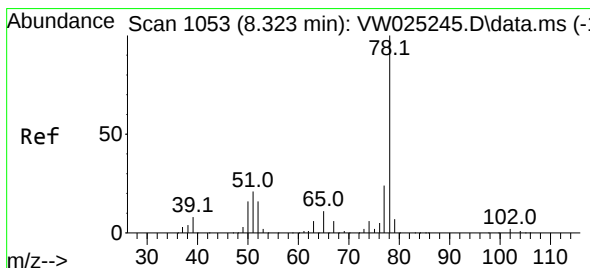
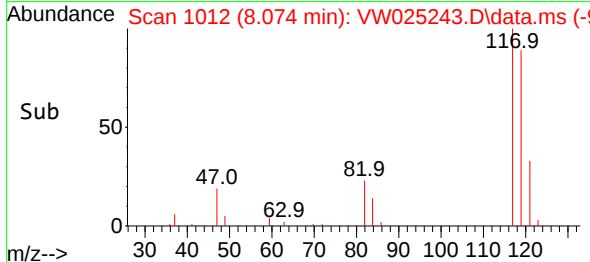
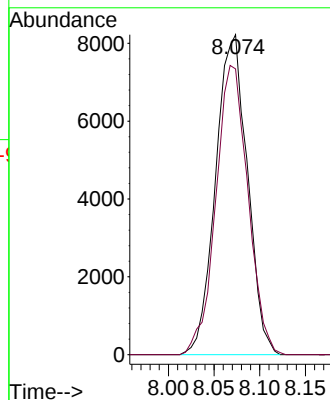
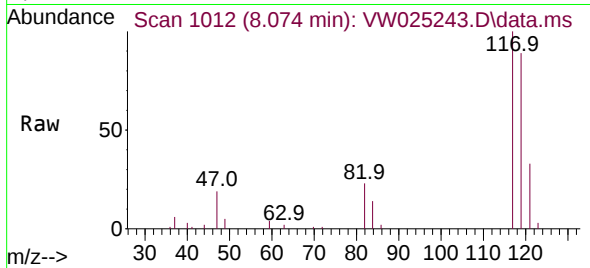




#31
Carbon tetrachloride
Concen: 2.479 ug/L
RT: 8.074 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

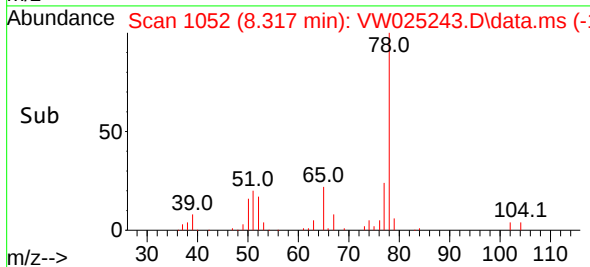
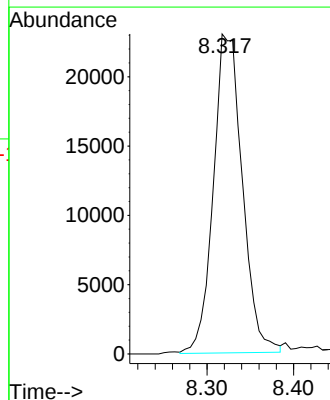
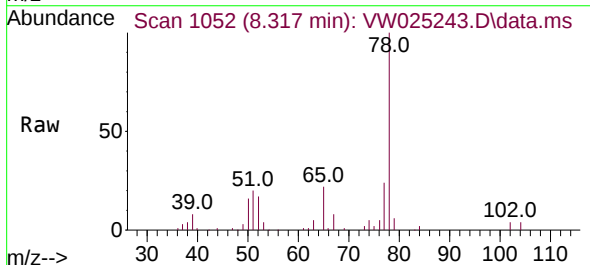
Instrument :
MSVOA_W
ClientSampleId :

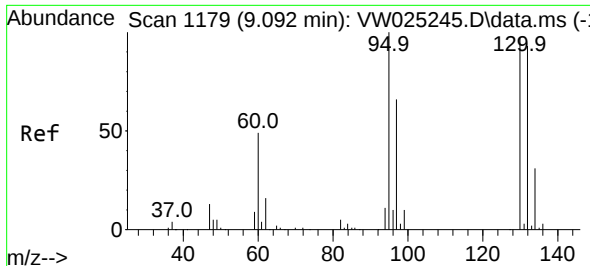
Tgt Ion:117 Resp: 19881
Ion Ratio Lower Upper
117 100
119 91.6 75.6 113.4



#33
Benzene
Concen: 2.481 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

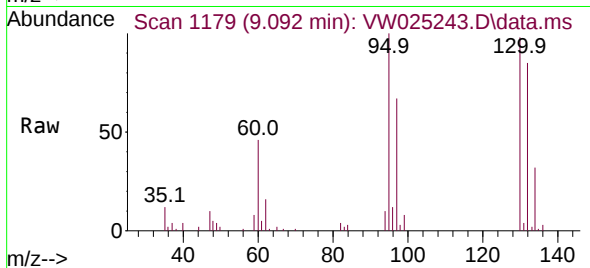
Tgt Ion: 78 Resp: 53461





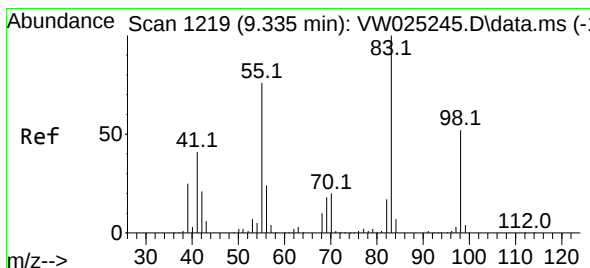
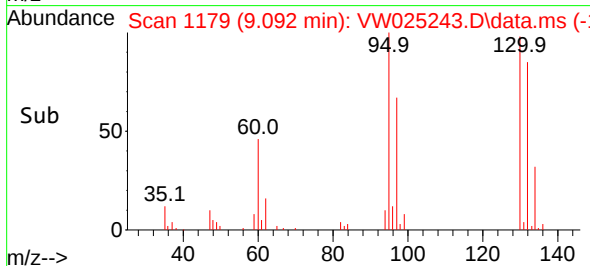
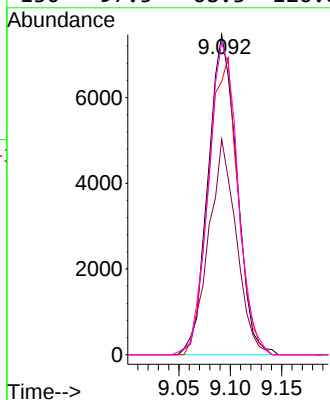
#34
Trichloroethene
Concen: 2.470 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 14498

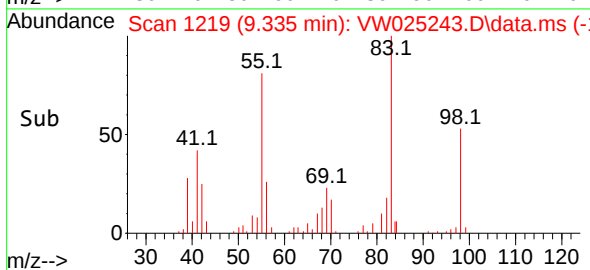
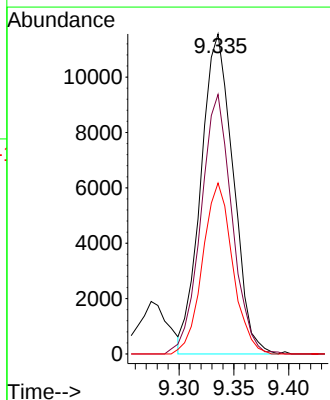
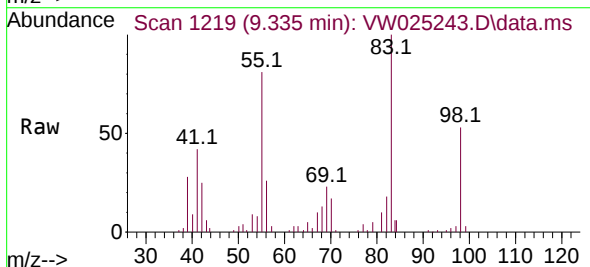
Ion	Ratio	Lower	Upper
95	100		
97	67.3	46.5	86.3
132	85.4	65.4	121.4
130	97.5	68.3	126.8

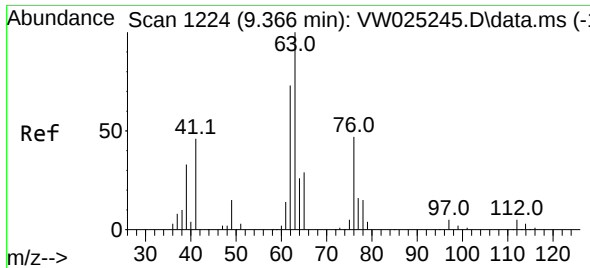


#35
Methylcyclohexane
Concen: 2.319 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

Tgt Ion: 83 Resp: 23658

Ion	Ratio	Lower	Upper
83	100		
55	77.9	60.3	90.5
98	49.7	40.0	60.0





#37

1,2-Dichloropropane

Concen: 2.430 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

Instrument :

MSVOA_W

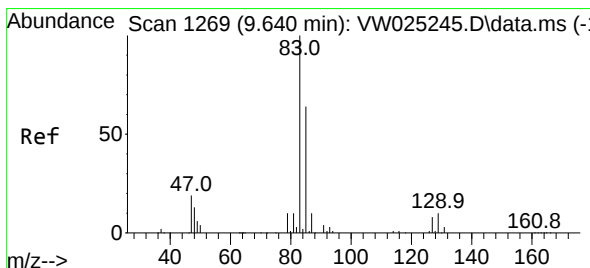
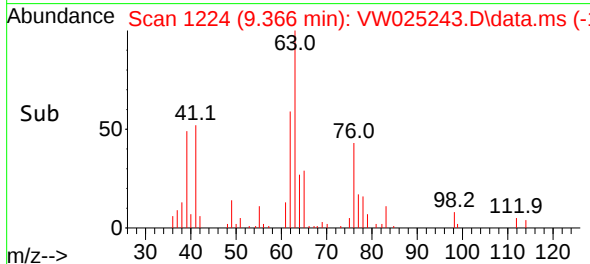
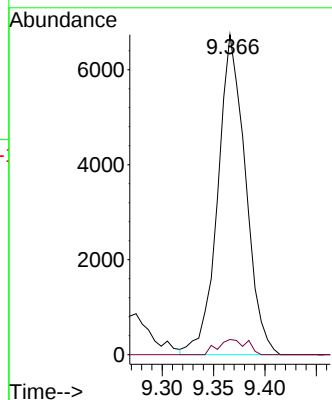
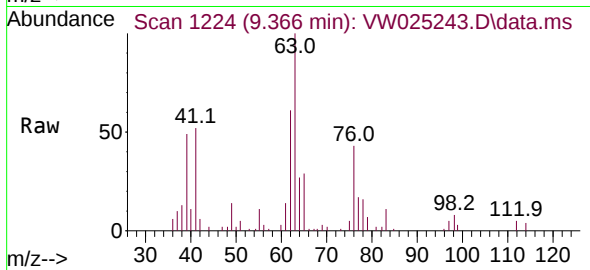
ClientSampleId :

Tgt Ion: 63 Resp: 12627

Ion Ratio Lower Upper

63 100

112 4.0 3.8 5.8



#38

Bromodichloromethane

Concen: 2.459 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

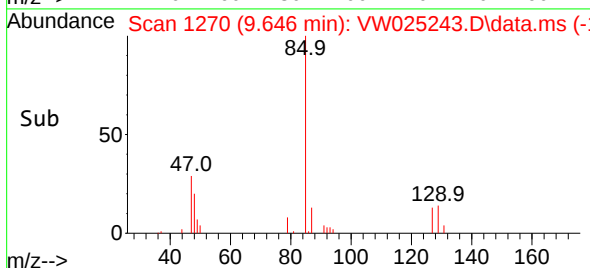
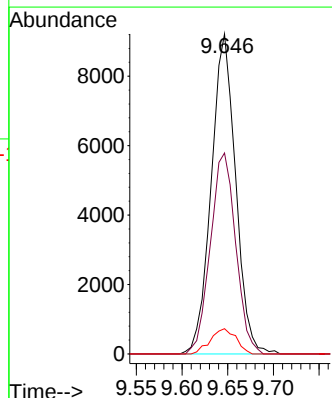
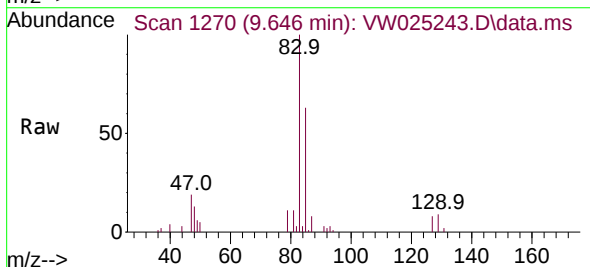
Tgt Ion: 83 Resp: 17114

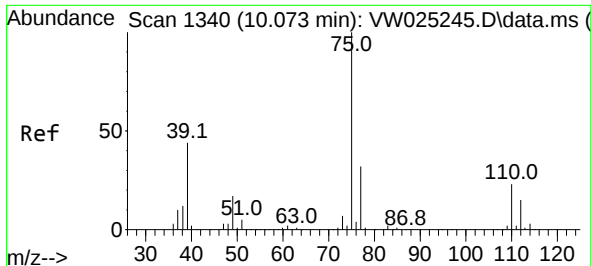
Ion Ratio Lower Upper

83 100

85 62.8 45.1 83.9

127 7.9 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 2.275 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

Instrument :

MSVOA_W

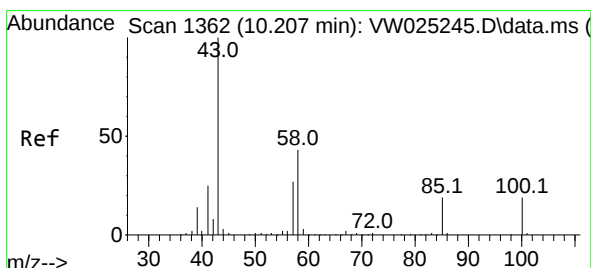
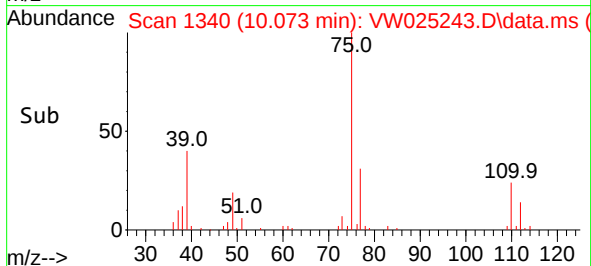
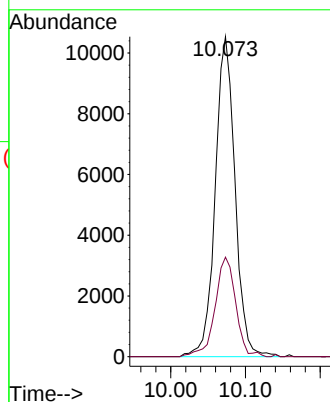
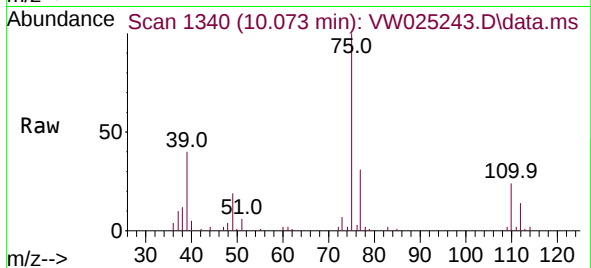
ClientSampleId :

Tgt Ion: 75 Resp: 19438

Ion Ratio Lower Upper

75 100

77 31.1 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 4.445 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

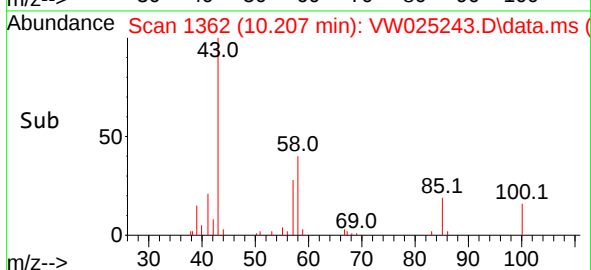
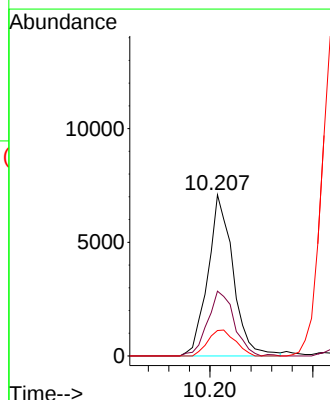
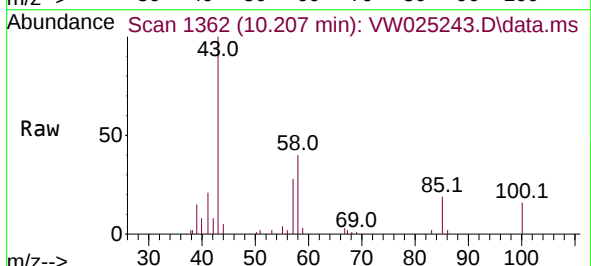
Tgt Ion: 43 Resp: 12075

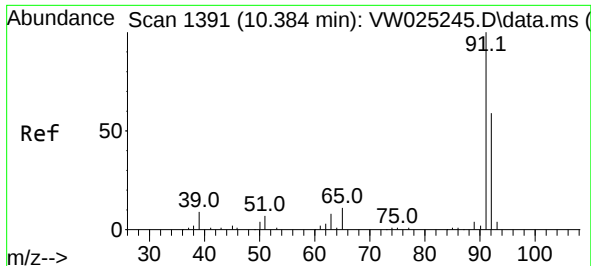
Ion Ratio Lower Upper

43 100

58 42.0 33.1 49.7

100 17.4 14.4 21.6

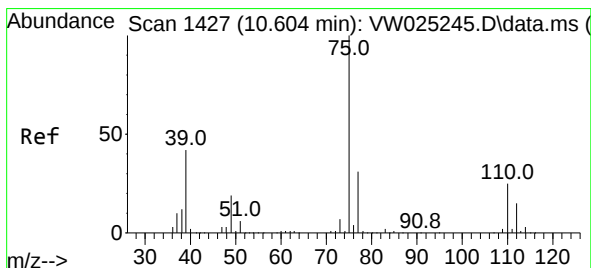
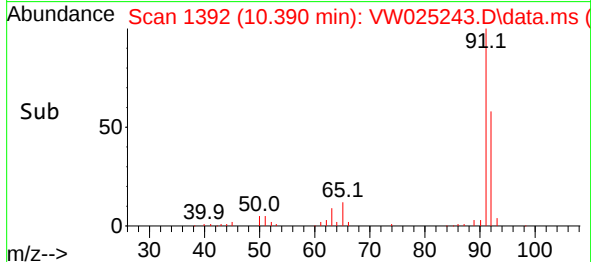
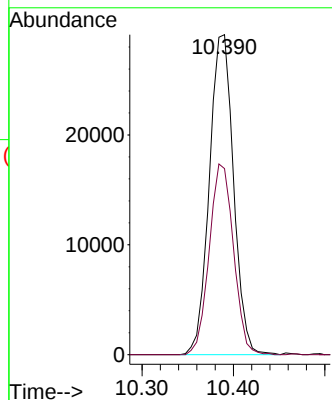
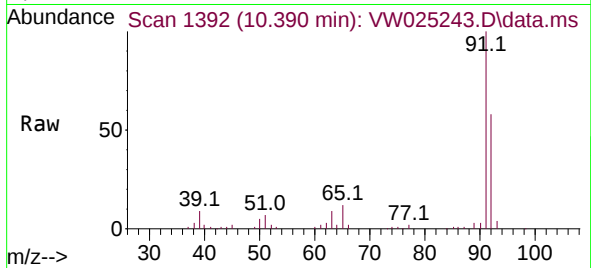




#42
Toluene
Concen: 2.350 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

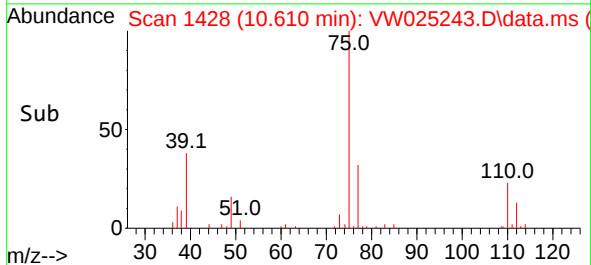
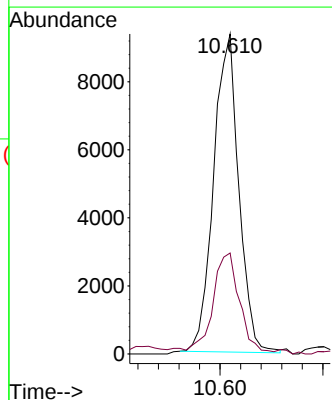
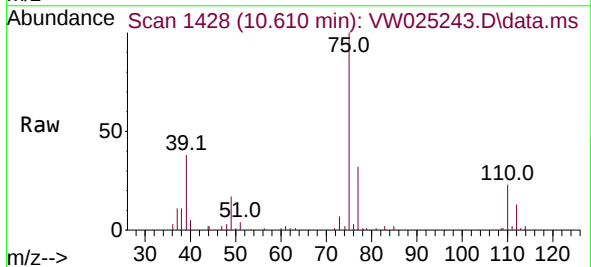
Instrument :
MSVOA_W
ClientSampleId :

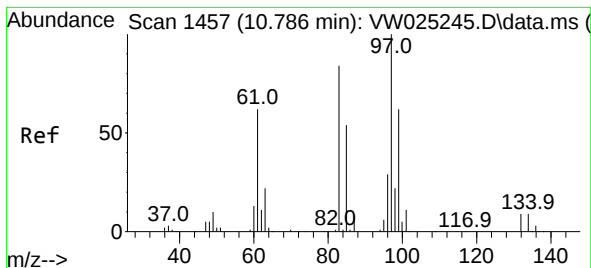
Tgt Ion: 91 Resp: 53527
Ion Ratio Lower Upper
91 100
92 58.2 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 2.211 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

Tgt Ion: 75 Resp: 15858
Ion Ratio Lower Upper
75 100
77 31.5 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 2.448 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 9569

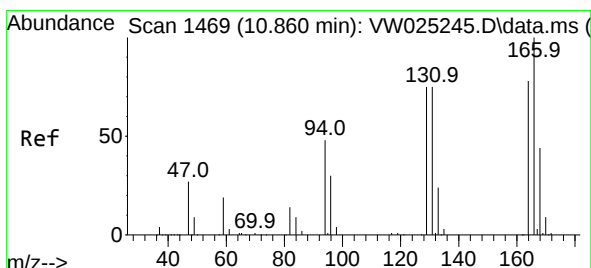
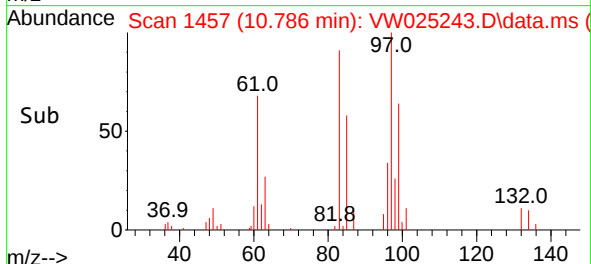
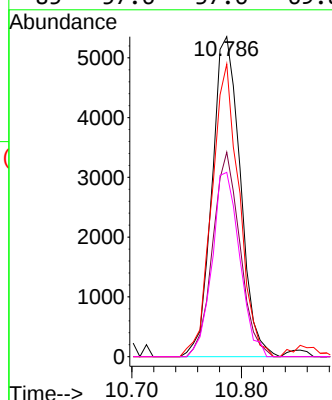
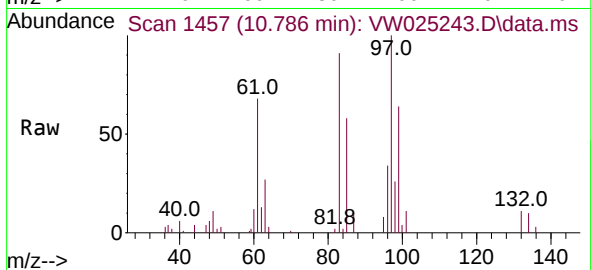
Ion Ratio Lower Upper

97 100

99 63.9 43.7 81.1

83 91.4 58.6 108.8

85 57.6 37.6 69.8



#46

Tetrachloroethene

Concen: 2.451 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

Tgt Ion: 164 Resp: 10602

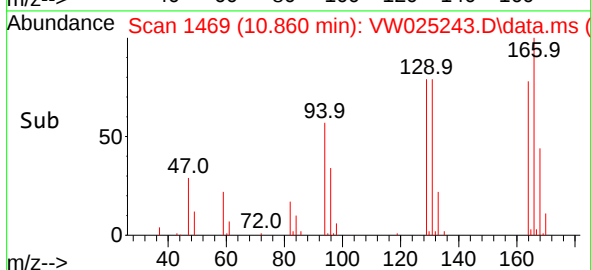
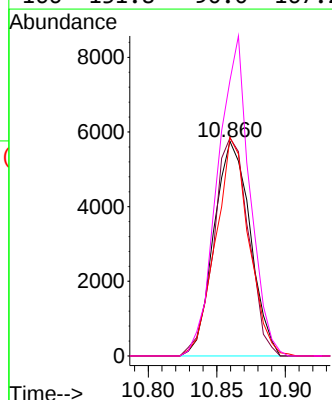
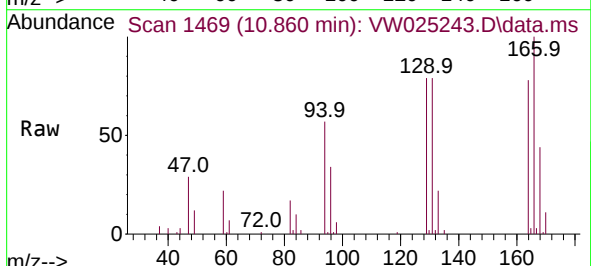
Ion Ratio Lower Upper

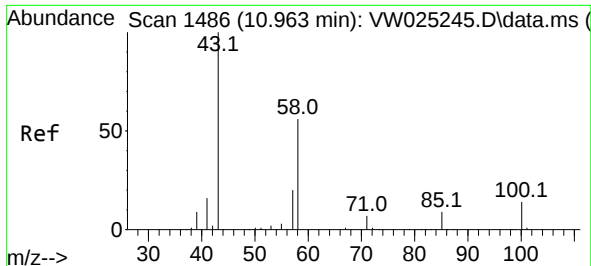
164 100

129 101.7 67.4 125.2

131 101.9 67.9 126.1

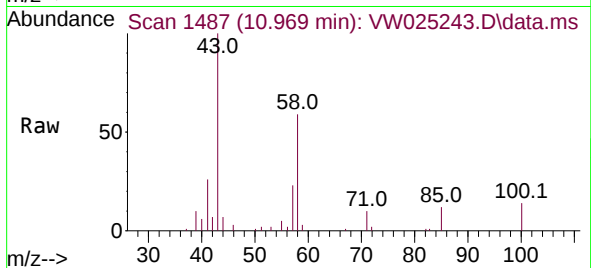
166 131.8 90.0 167.2



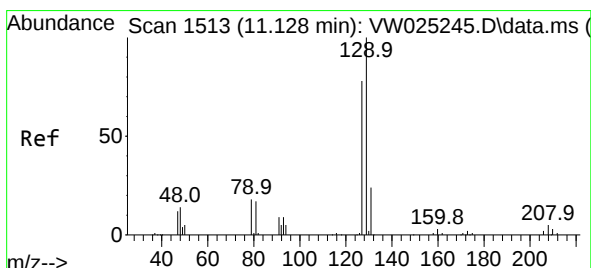
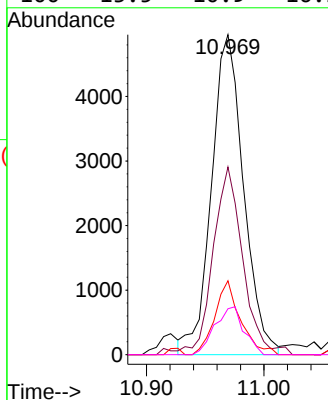
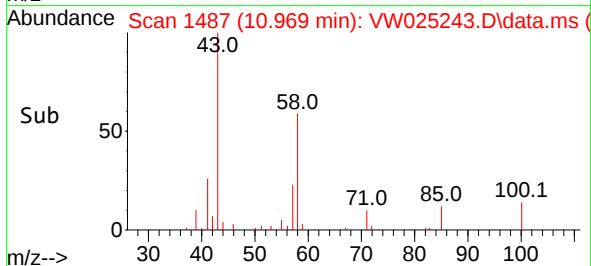


#48
2-Hexanone
Concen: 4.565 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

Instrument :
MSVOA_W
ClientSampleId :

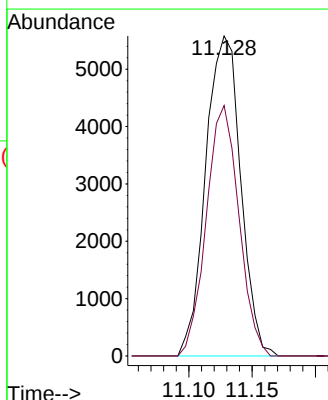
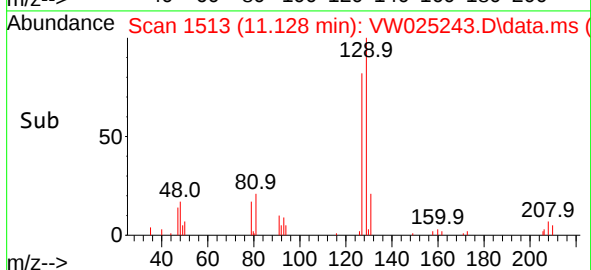
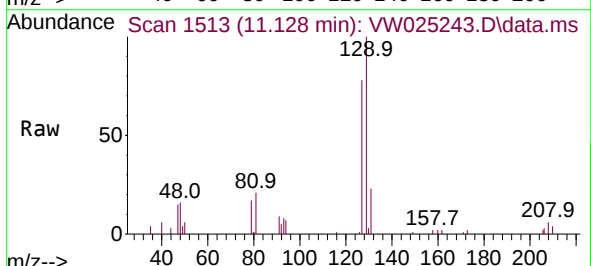


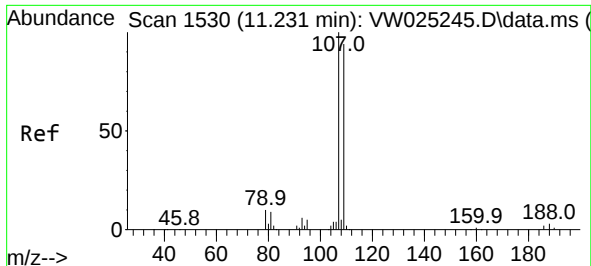
Tgt Ion: 43 Resp: 9403
Ion Ratio Lower Upper
43 100
58 53.2 45.6 68.4
57 18.1 16.6 24.8
100 13.5 10.9 16.3



#49
Dibromochloromethane
Concen: 2.411 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

Tgt Ion: 129 Resp: 10735
Ion Ratio Lower Upper
129 100
127 78.2 54.9 101.9





#50

1,2-Dibromoethane

Concen: 2.380 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.006 min

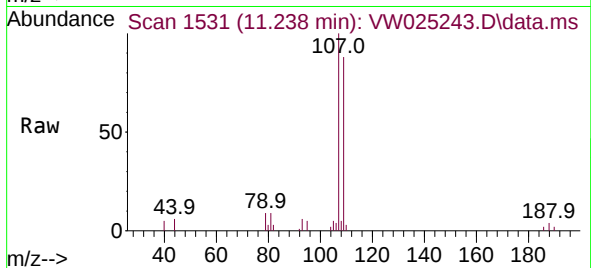
Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

Instrument :

MSVOA_W

ClientSampleId :



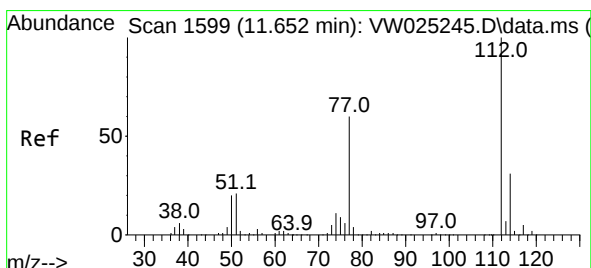
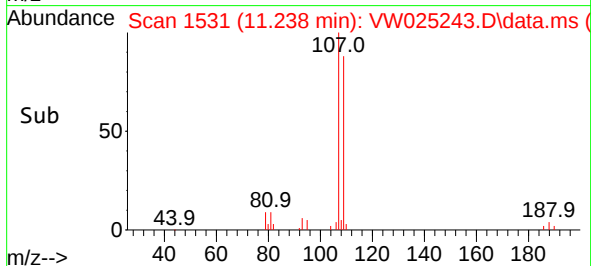
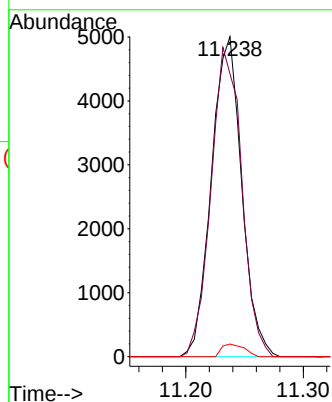
Tgt Ion:107 Resp: 8962

Ion Ratio Lower Upper

107 100

109 88.4 65.7 121.9

188 4.0 2.7 4.1



#51

Chlorobenzene

Concen: 2.429 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

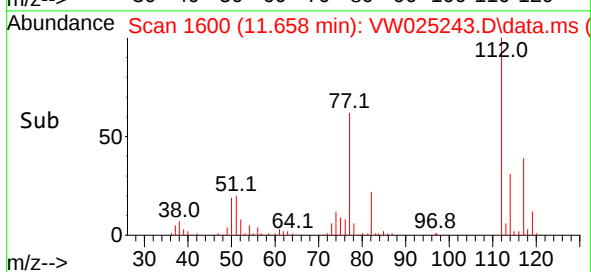
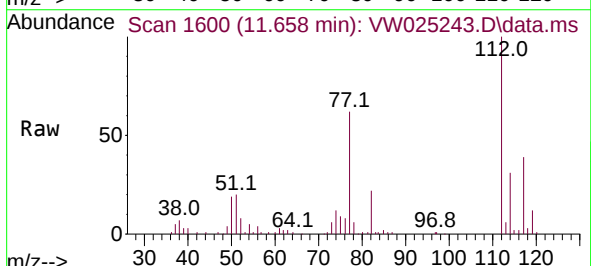
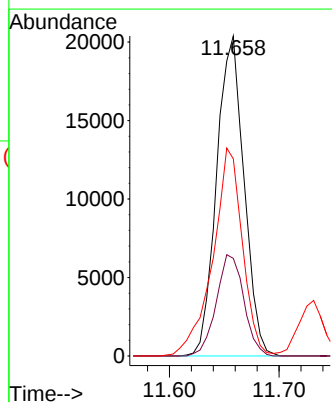
Tgt Ion:112 Resp: 35407

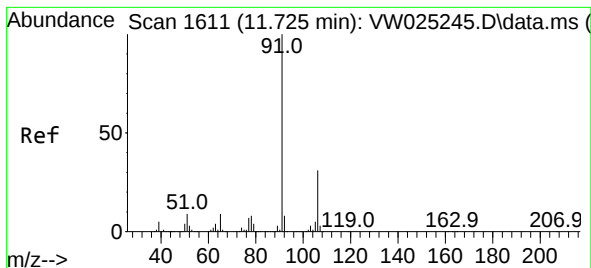
Ion Ratio Lower Upper

112 100

114 30.5 21.8 40.4

77 61.6 47.7 71.5

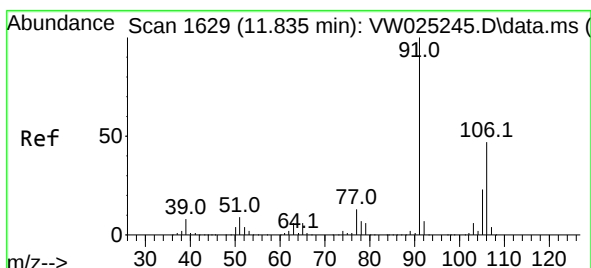
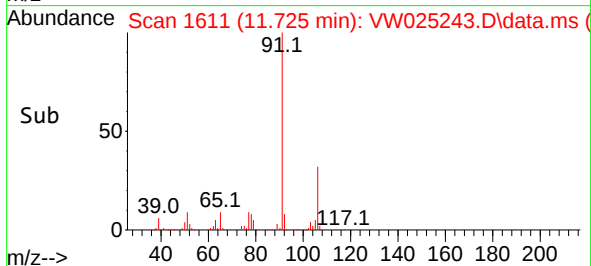
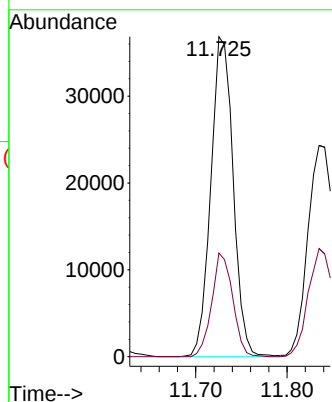
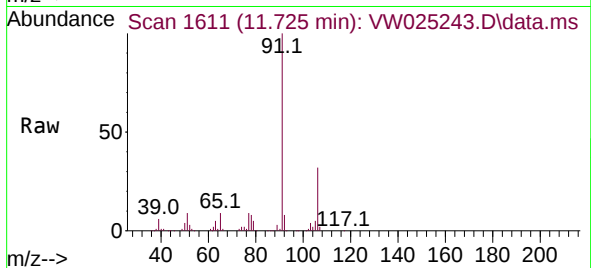




#52
Ethylbenzene
Concen: 2.367 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

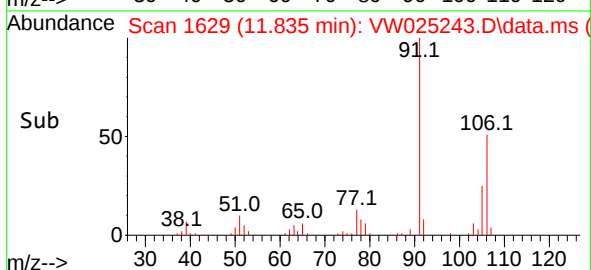
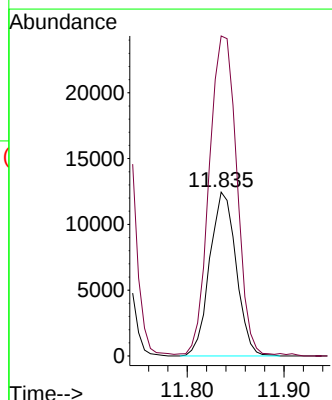
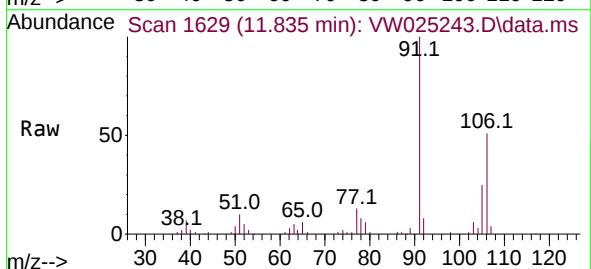
Instrument :
MSVOA_W
ClientSampleId :

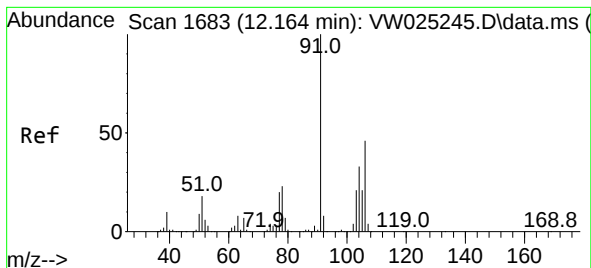
Tgt Ion: 91 Resp: 62578
Ion Ratio Lower Upper
91 100
106 32.4 21.9 40.7



#53
m,p-Xylene
Concen: 2.358 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

Tgt Ion:106 Resp: 23693
Ion Ratio Lower Upper
106 100
91 195.4 148.1 275.0





#54

o-Xylene

Concen: 2.370 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

Instrument :

MSVOA_W

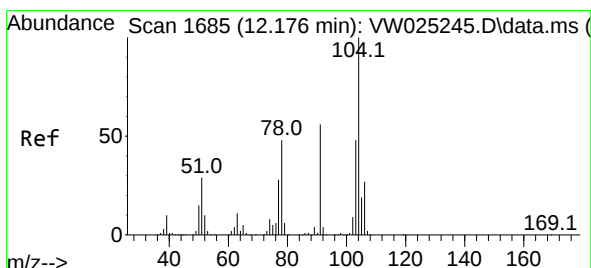
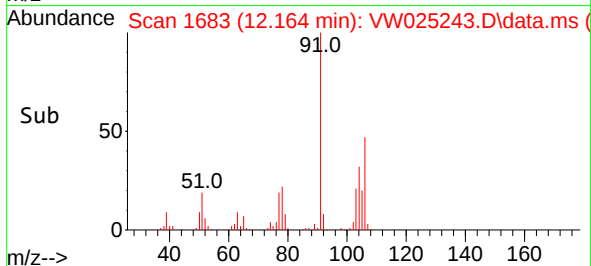
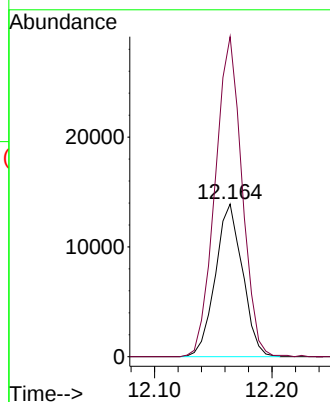
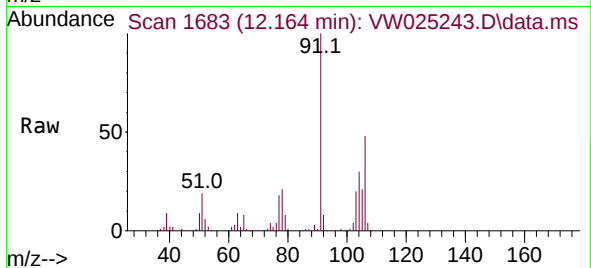
ClientSampleId :

Tgt Ion:106 Resp: 22354

Ion Ratio Lower Upper

106 100

91 209.7 153.6 285.2



#55

Styrene

Concen: 2.263 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW025243.D

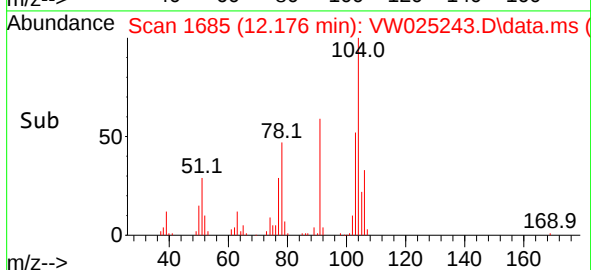
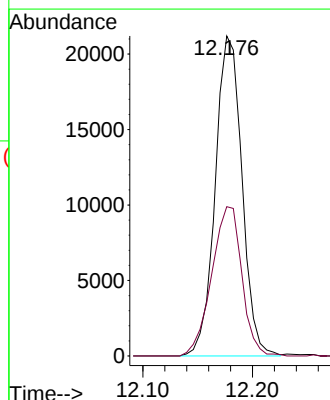
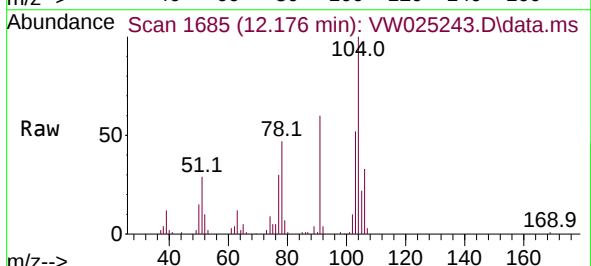
Acq: 30 Jan 2023 10:08

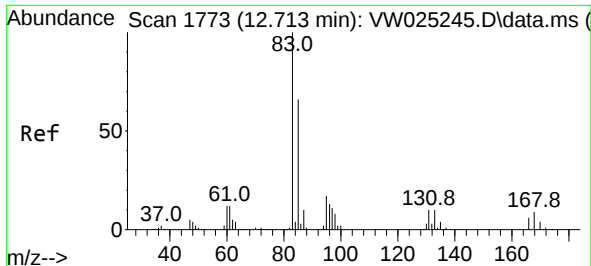
Tgt Ion:104 Resp: 35932

Ion Ratio Lower Upper

104 100

78 46.6 33.7 62.5





#57

1,1,2,2-Tetrachloroethane

Concen: 2.483 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025243.D

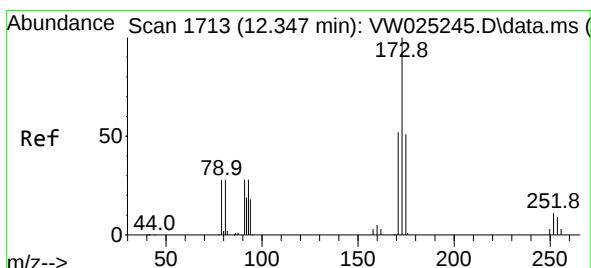
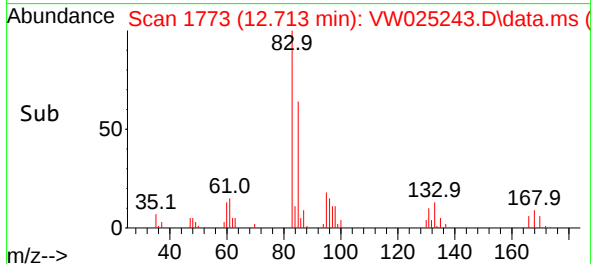
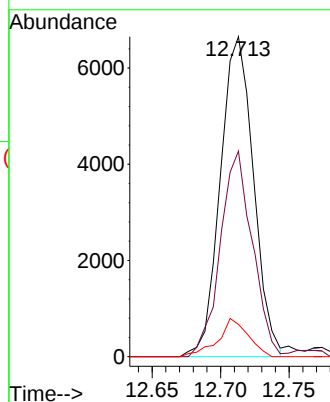
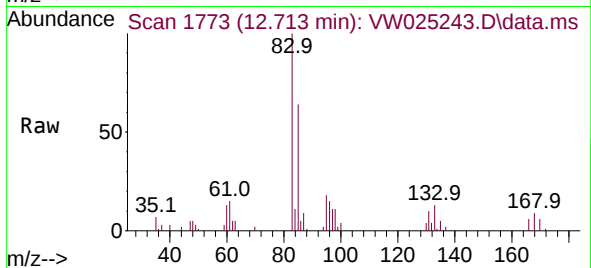
Acq: 30 Jan 2023 10:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 11208
Ion Ratio	Lower Upper
83 100	
85 64.3	46.3 86.1
131 10.1	8.0 12.0



#59

Bromoform

Concen: 2.909 ug/L

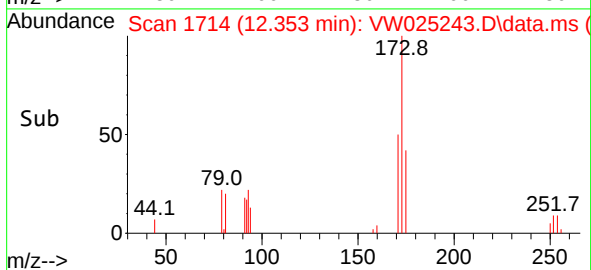
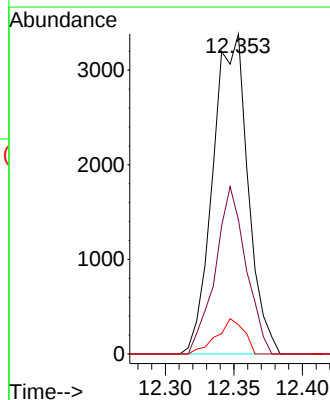
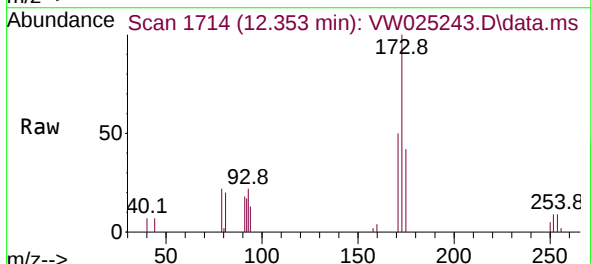
RT: 12.353 min Scan# 1714

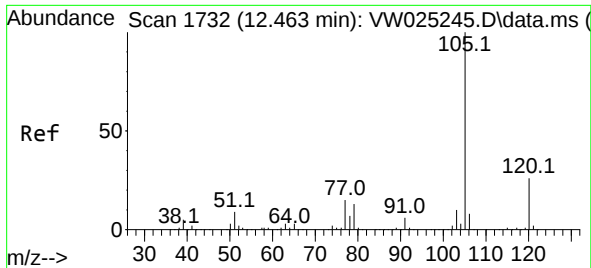
Delta R.T. 0.006 min

Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

Tgt Ion: 173	Resp: 5999
Ion Ratio	Lower Upper
173 100	
175 46.0	38.0 57.0
254 8.6	7.2 10.8

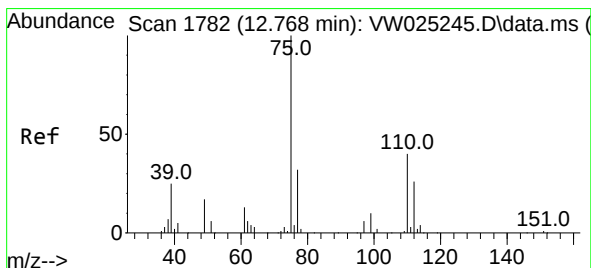
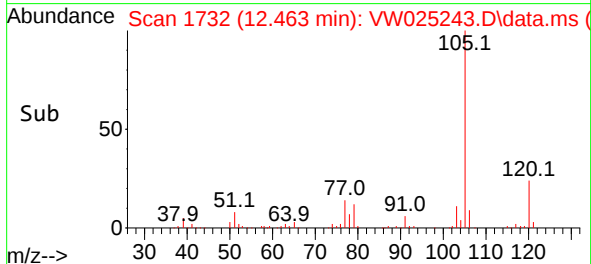
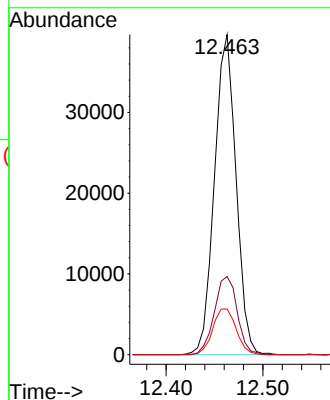
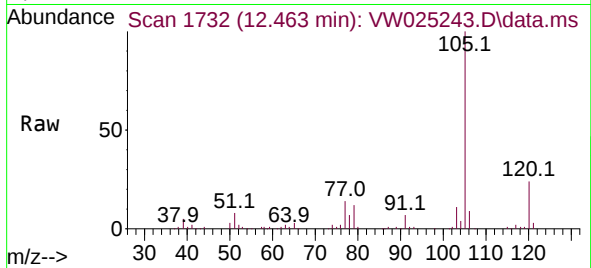




#60
Isopropylbenzene
Concen: 2.808 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

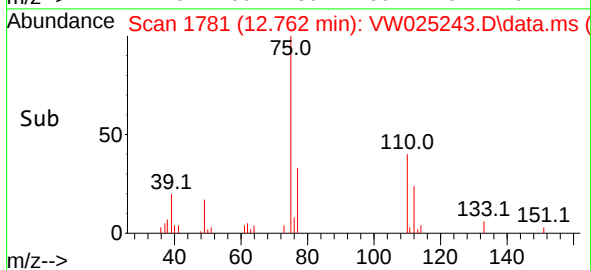
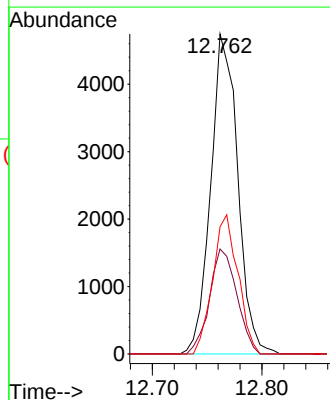
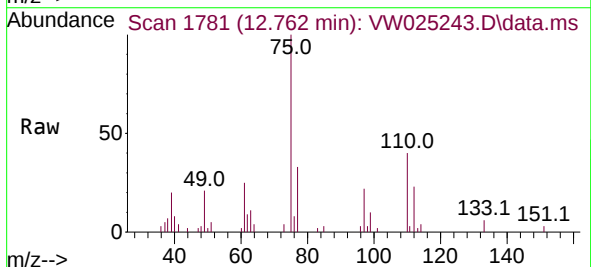
Instrument :
MSVOA_W
ClientSampleId :

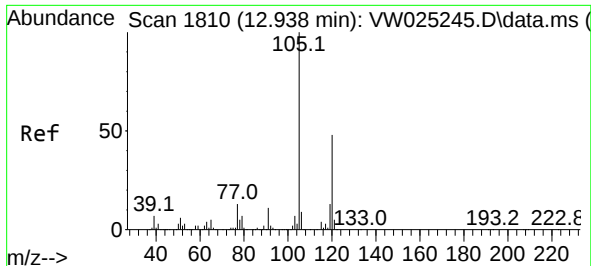
Tgt Ion:105 Resp: 61377
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 15.6 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 2.964 ug/L
RT: 12.762 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

Tgt Ion: 75 Resp: 8139
Ion Ratio Lower Upper
75 100
77 33.1 26.5 39.7
110 40.6 32.3 48.5

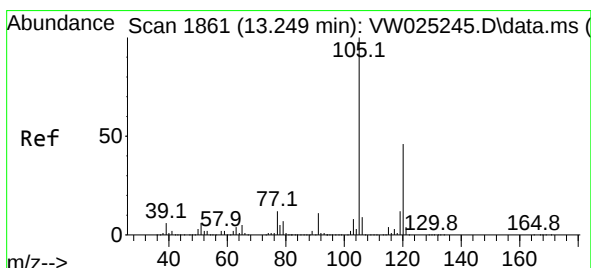
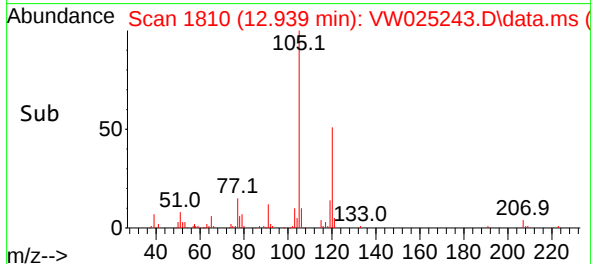
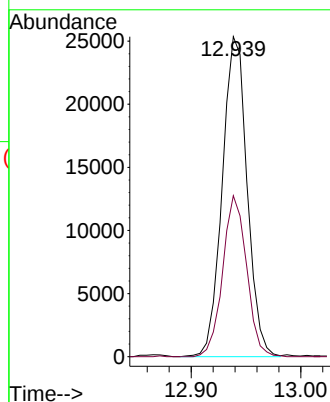
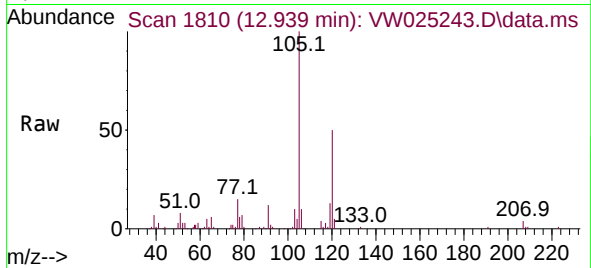




#62
1,3,5-Trimethylbenzene
Concen: 2.311 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

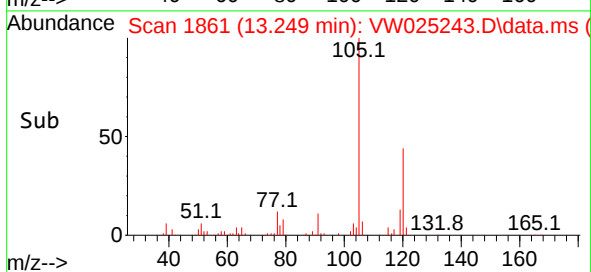
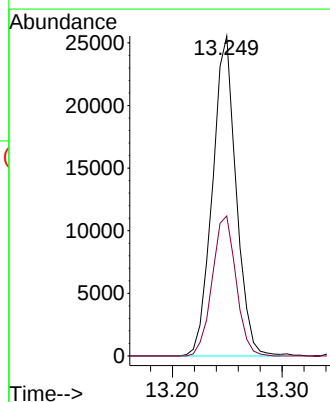
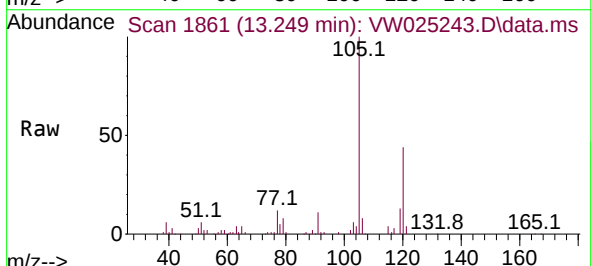
Instrument :
MSVOA_W
ClientSampleId :

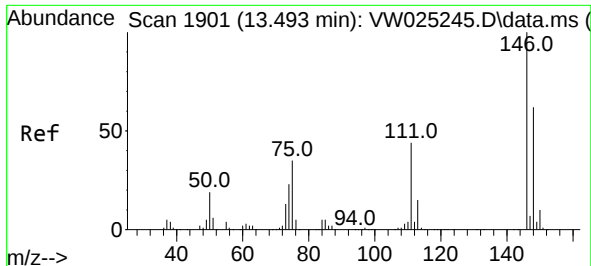
Tgt Ion:105 Resp: 39916
Ion Ratio Lower Upper
105 100
120 48.3 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 2.270 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

Tgt Ion:105 Resp: 38356
Ion Ratio Lower Upper
105 100
120 44.0 35.1 52.7

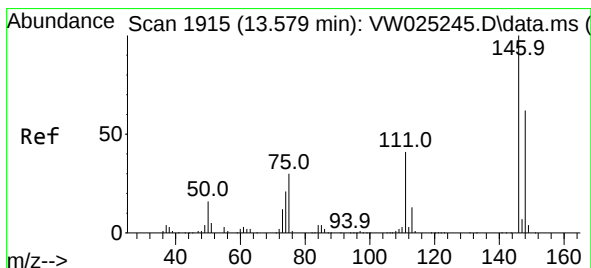
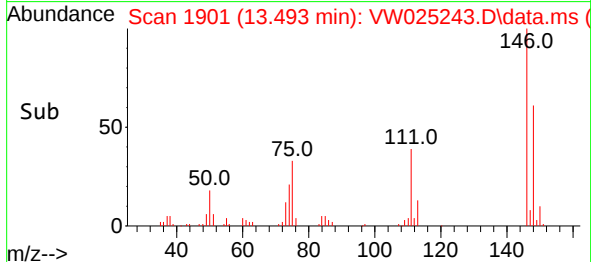
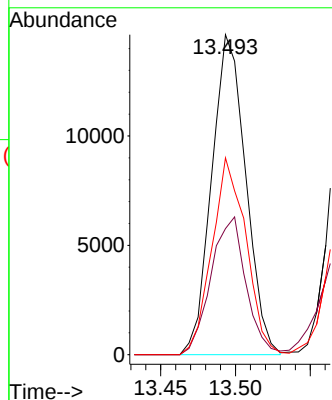
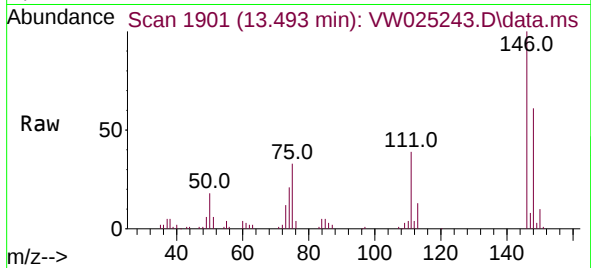




#64
1,3-Dichlorobenzene
Concen: 2.637 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

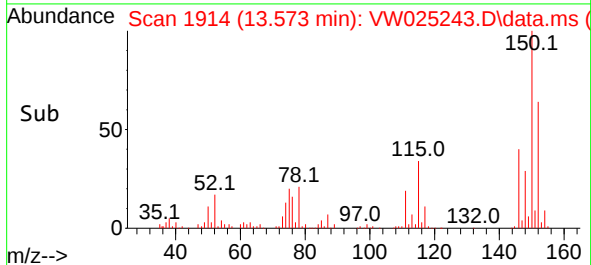
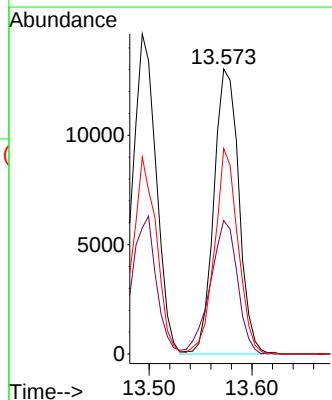
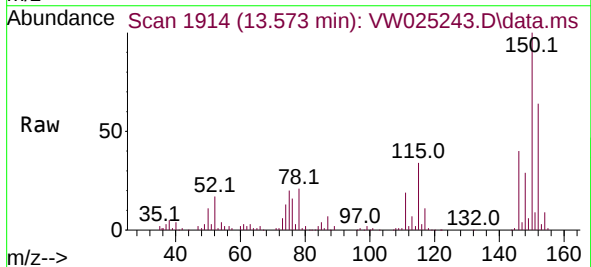
Instrument :
MSVOA_W
ClientSampleId :

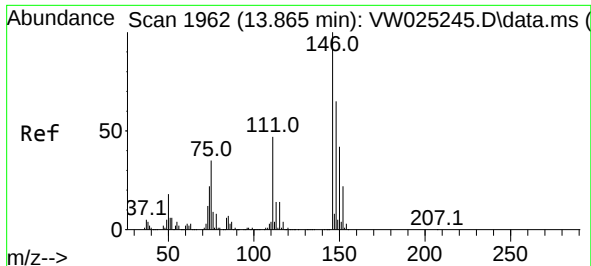
Tgt Ion:146 Resp: 23175
Ion Ratio Lower Upper
146 100
111 39.4 30.4 56.5
148 61.5 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 2.516 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW025243.D
Acq: 30 Jan 2023 10:08

Tgt Ion:146 Resp: 21973
Ion Ratio Lower Upper
146 100
111 46.8 28.6 53.2
148 72.1 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 2.712 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

Instrument :

MSVOA_W

ClientSampleId :

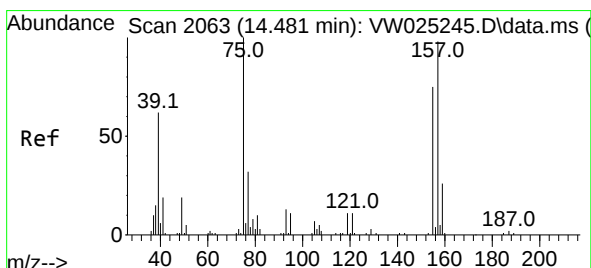
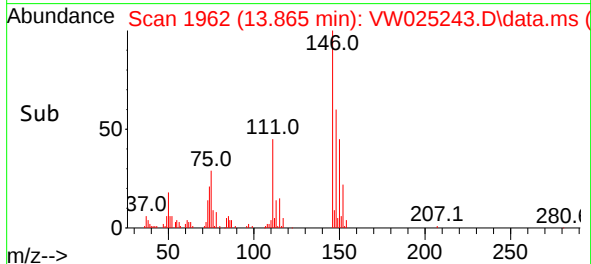
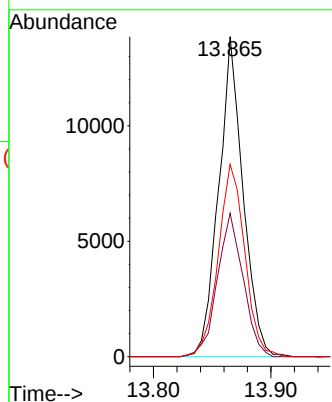
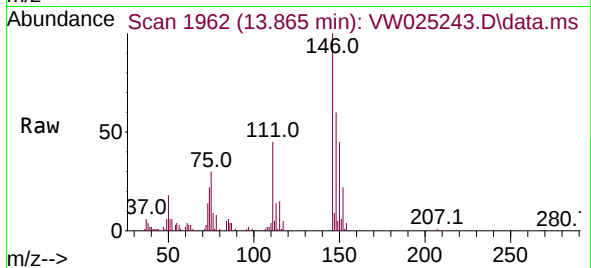
Tgt Ion:146 Resp: 20009

Ion Ratio Lower Upper

146 100

111 44.8 37.8 56.6

148 60.1 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 3.250 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

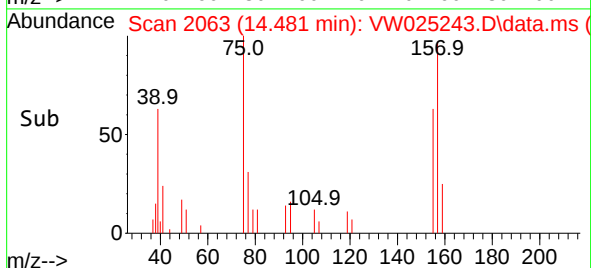
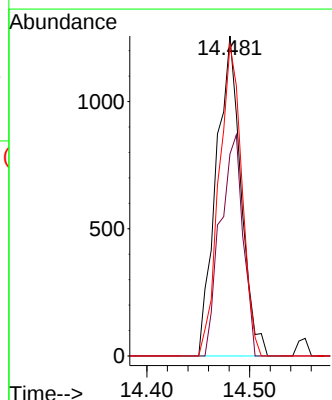
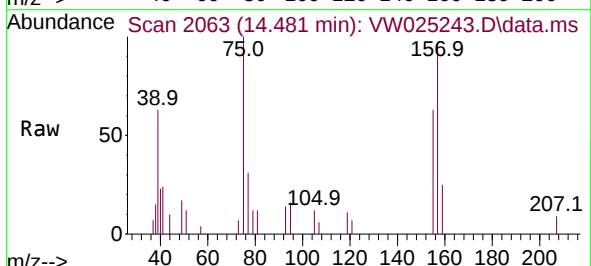
Tgt Ion: 75 Resp: 2098

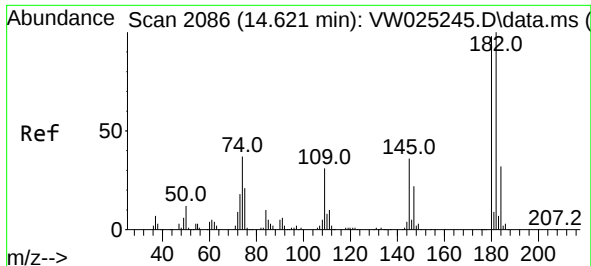
Ion Ratio Lower Upper

75 100

155 63.1 59.8 89.6

157 97.2 78.5 117.7





#69

1,3,5-Trichlorobenzene

Concen: 3.053 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 17706

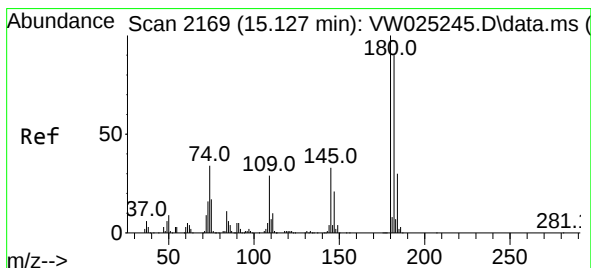
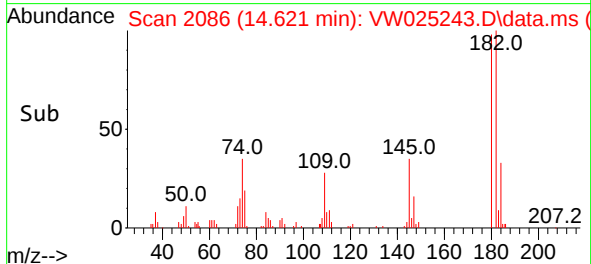
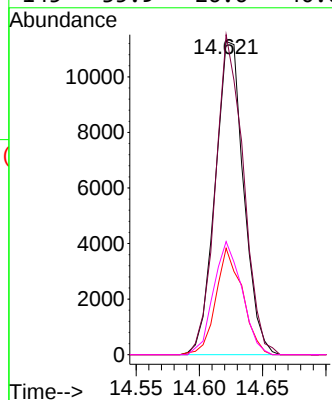
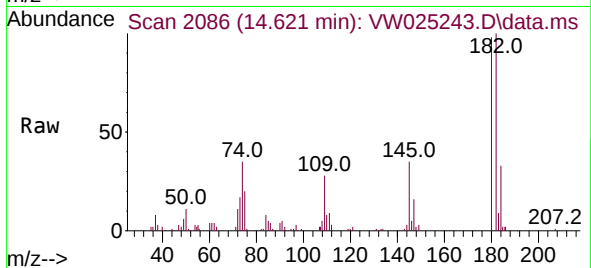
Ion Ratio Lower Upper

180 100

182 100.1 74.9 112.3

184 31.6 24.7 37.1

145 35.9 26.6 40.0



#70

1,2,4-trichlorobenzene

Concen: 3.067 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

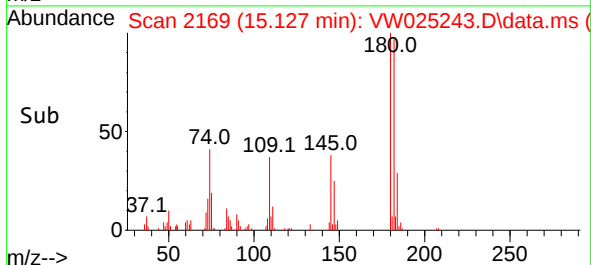
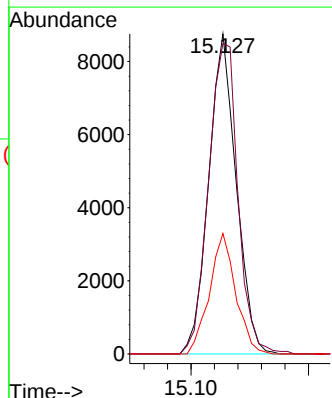
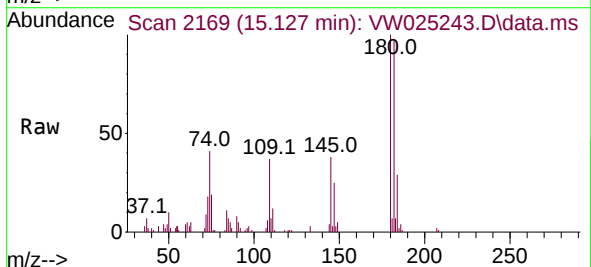
Tgt Ion:180 Resp: 14255

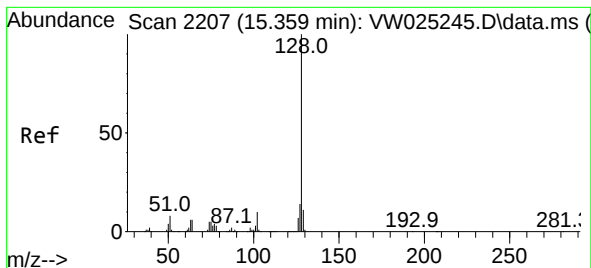
Ion Ratio Lower Upper

180 100

182 103.5 73.5 110.3

145 35.8 27.0 40.6





#71

Naphthalene

Concen: 2.809 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW025243.D

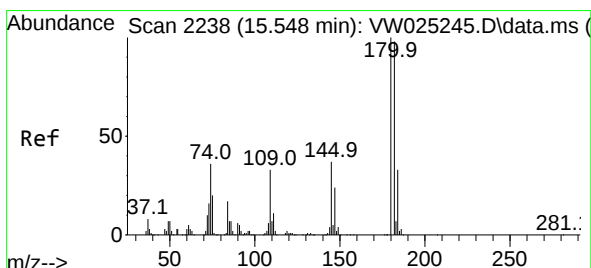
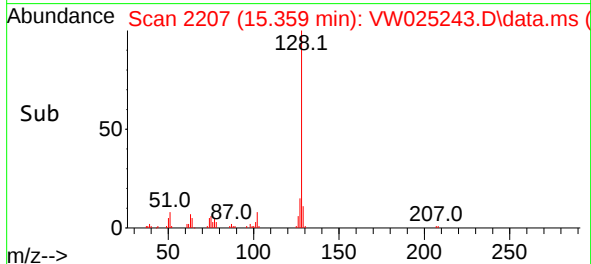
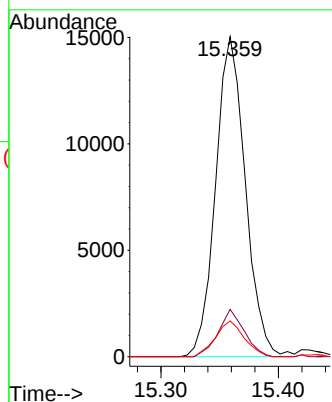
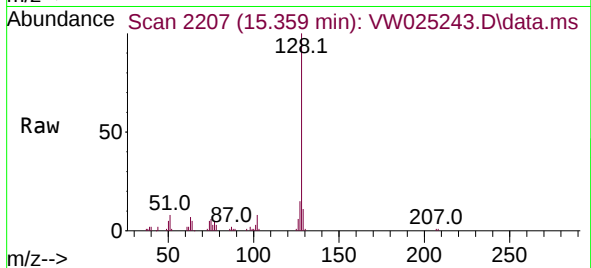
Acq: 30 Jan 2023 10:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	128	Resp:	26363
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	10.8	8.6	13.0



#72

1,2,3-Trichlorobenzene

Concen: 3.182 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW025243.D

Acq: 30 Jan 2023 10:08

Tgt Ion:	180	Resp:	13362
Ion Ratio	Lower	Upper	
180	100		
182	93.9	78.1	117.1
145	36.7	29.5	44.3

