

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031124\
 Data File : VW028147.D
 Acq On : 11 Mar 2024 12:47
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 12 01:09:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 12 01:08:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	263742	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	239094	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	133365	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	70207	22.300	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.200%
7) Chloroethane-d5	2.905	69	56530	23.179	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.720%
11) 1,1-Dichloroethene-d2	4.021	65	28215	21.940	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.760%
21) 2-Butanone-d5	7.075	46	22712	50.571	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.140%
24) Chloroform-d	7.648	84	134819	24.134	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.520%
26) 1,2-Dichloroethane-d4	8.301	65	62556	24.062	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.240%
32) Benzene-d6	8.270	84	263936	23.647	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	9.270	67	68907	23.895	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.560%
41) Toluene-d8	10.325	98	253264	24.078	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.320%
43) trans-1,3-Dichloroprop...	10.575	79	30671	24.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.080%
47) 2-Hexanone-d5	10.922	63	20756	51.099	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	58394	25.656	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.640%
66) 1,2-Dichlorobenzene-d4	13.849	152	92530	23.329	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	70176	26.044	ug/L #	87
3) Chloromethane	2.223	50	61294	23.925	ug/L	97
5) Vinyl chloride	2.375	62	89487	25.064	ug/L	100
6) Bromomethane	2.790	94	63580	22.321	ug/L	92
8) Chloroethane	2.936	64	52930	23.606	ug/L	96
9) Trichlorofluoromethane	3.265	101	73912	22.195	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	80389	23.220	ug/L	88
12) 1,1-Dichloroethene	4.045	96	75035	22.886	ug/L	97
13) Acetone	4.119	43	31000	49.382	ug/L	98
14) Carbon disulfide	4.387	76	219146	21.943	ug/L	96
15) Methyl Acetate	4.667	43	20051	22.598	ug/L	99
16) Methylene chloride	4.917	84	80043	22.063	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	81777	23.343	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	99913	23.288	ug/L	98
19) 1,1-Dichloroethane	6.222	63	129263	23.336	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	85687	23.241	ug/L	97
22) 2-Butanone	7.173	43	31486	44.910	ug/L	100
23) Bromochloromethane	7.514	128	39036	22.554	ug/L	96
25) Chloroform	7.679	83	146177	23.626	ug/L	93

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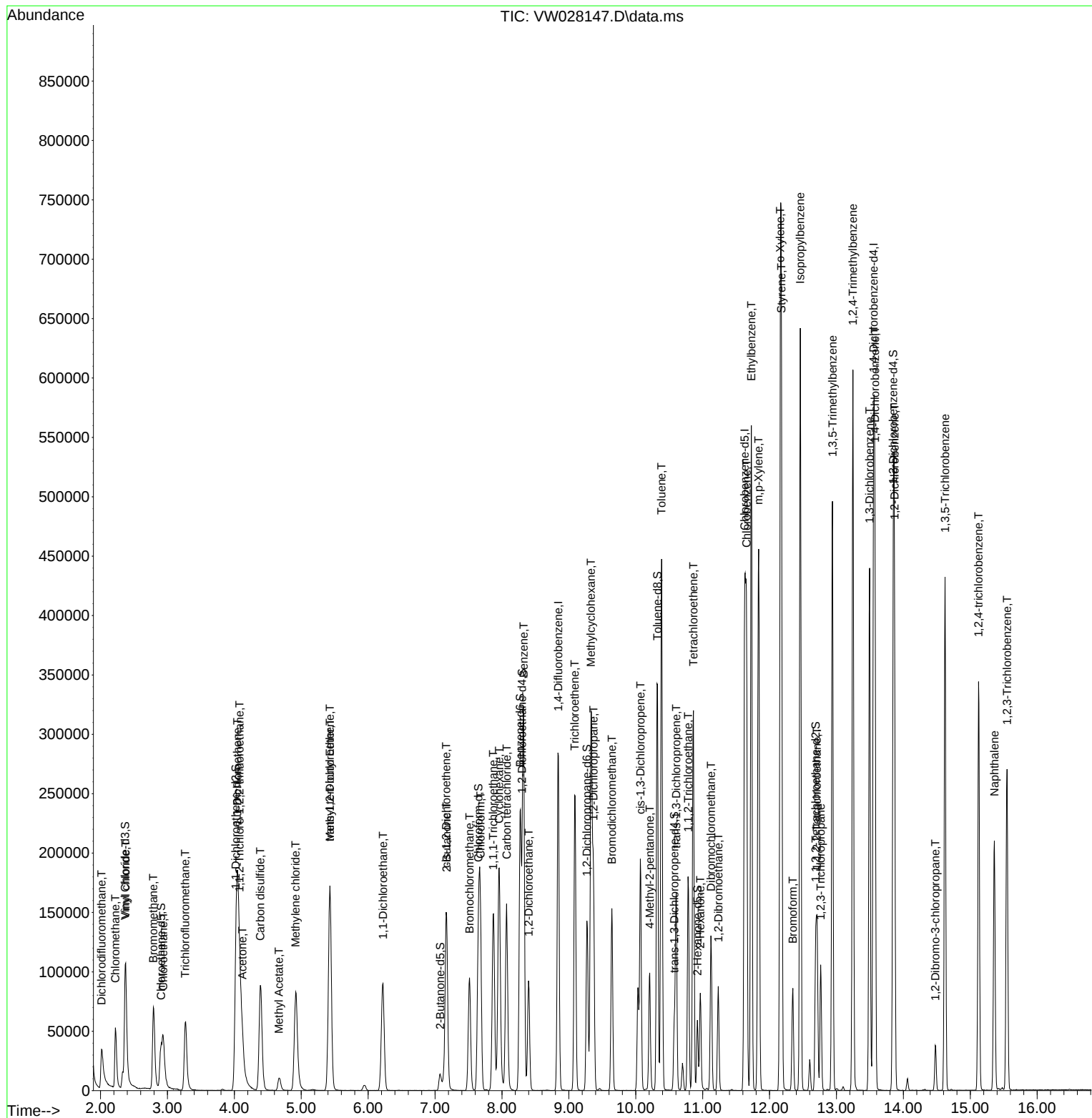
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	86492	23.509	ug/L	100
29) Cyclohexane	7.959	56	109644	23.848	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	129987	24.350	ug/L	100
31) Carbon tetrachloride	8.069	117	121777	24.428	ug/L	99
33) Benzene	8.325	78	306626	23.738	ug/L	100
34) Trichloroethene	9.087	95	88752	23.450	ug/L	98
35) Methylcyclohexane	9.331	83	145532	23.759	ug/L	99
37) 1,2-Dichloropropane	9.368	63	70259	23.357	ug/L	99
38) Bromodichloromethane	9.642	83	103184	23.749	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	119493	24.157	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	57454	48.089	ug/L	99
42) Toluene	10.386	91	347690	23.822	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	97672	24.306	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	58996	23.386	ug/L	97
46) Tetrachloroethene	10.861	164	75391	23.768	ug/L	88
48) 2-Hexanone	10.965	43	46335	47.964	ug/L	99
49) Dibromochloromethane	11.123	129	70634	24.085	ug/L	93
50) 1,2-Dibromoethane	11.233	107	57649	23.726	ug/L	98
51) Chlorobenzene	11.654	112	226207	23.228	ug/L	90
52) Ethylbenzene	11.727	91	403148	24.160	ug/L	99
53) m,p-Xylene	11.837	106	157352	24.304	ug/L	95
54) o-Xylene	12.160	106	147987	24.152	ug/L	100
55) Styrene	12.178	104	245424	23.486	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	62528	22.987	ug/L	99
59) Bromoform	12.349	173	40709	21.532	ug/L	96
60) Isopropylbenzene	12.459	105	414651	22.663	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	44220	21.570	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	273804	22.825	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	330127	23.078	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	188383	22.278	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	191907	22.480	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	168666	22.144	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	10048	23.335	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	135461	21.708	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	116175	23.183	ug/L	94
71) Naphthalene	15.360	128	190165	23.202	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	96151	22.944	ug/L	96

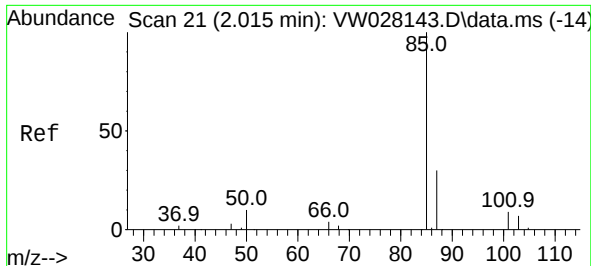
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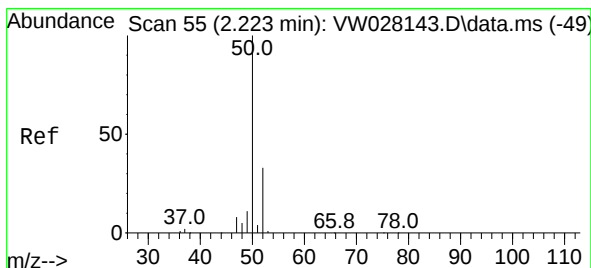
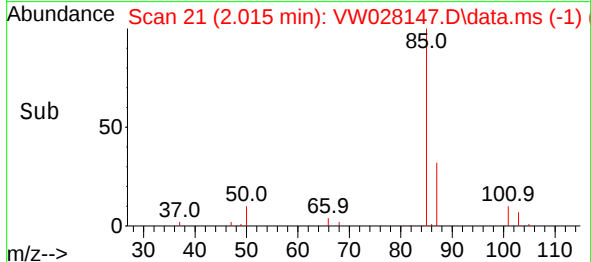
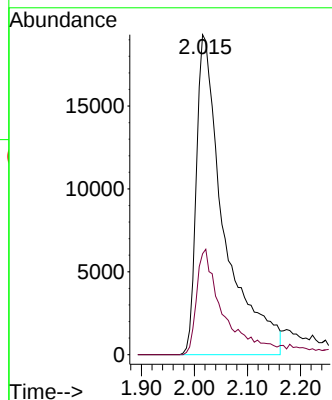
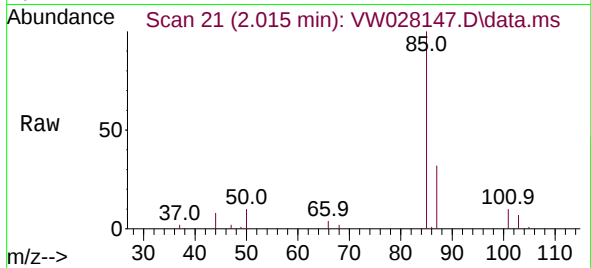




#2
 Dichlorodifluoromethane
 Concen: 26.044 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028147.D
 Acq: 11 Mar 2024 12:47

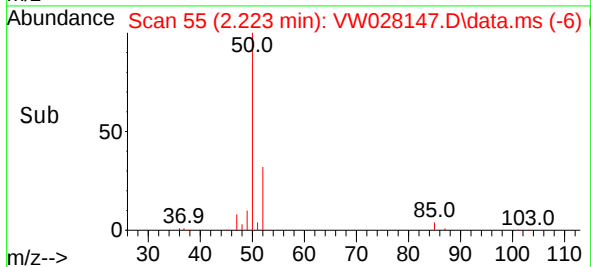
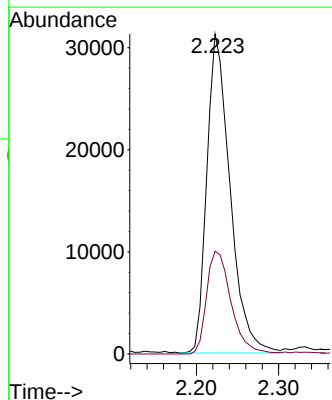
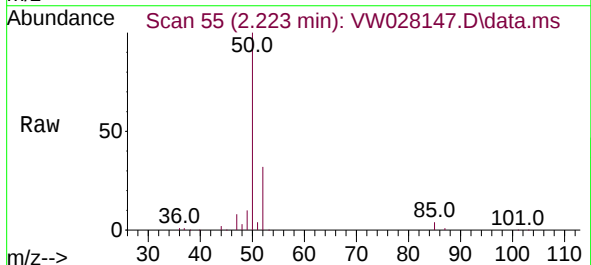
Instrument :
 MSVOA_W
 ClientSampleId :

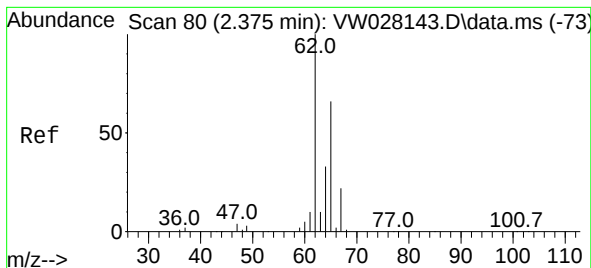
Tgt Ion: 85 Resp: 70176
 Ion Ratio Lower Upper
 85 100
 87 25.7 26.6 39.8#



#3
 Chloromethane
 Concen: 23.925 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028147.D
 Acq: 11 Mar 2024 12:47

Tgt Ion: 50 Resp: 61294
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.7 43.9





#5

Vinyl chloride

Concen: 25.064 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

Instrument :

MSVOA_W

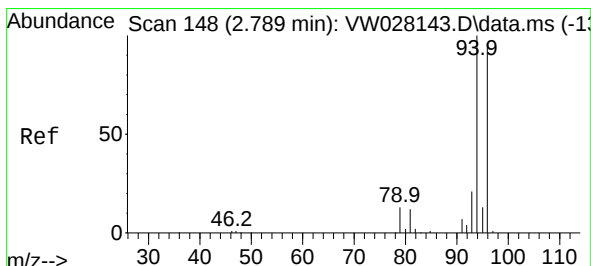
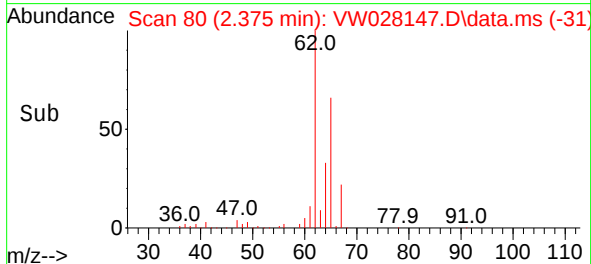
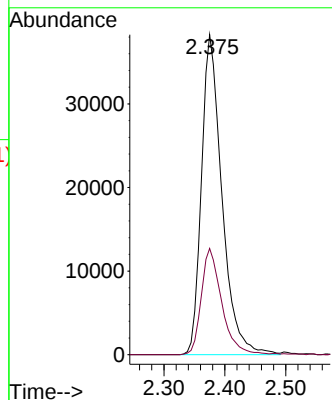
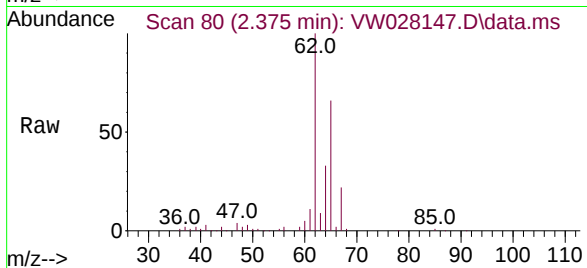
ClientSampleId :

Tgt Ion: 62 Resp: 89487

Ion Ratio Lower Upper

62 100

64 33.2 23.2 43.0



#6

Bromomethane

Concen: 22.321 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW028147.D

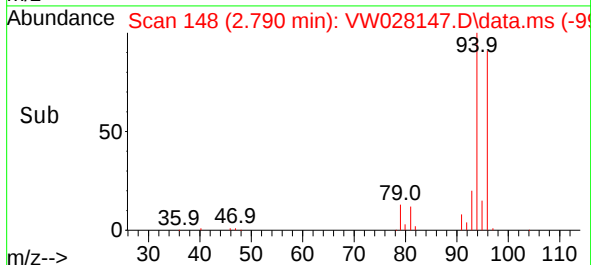
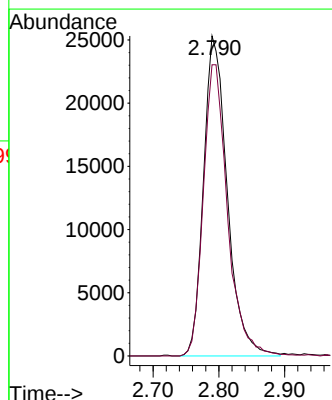
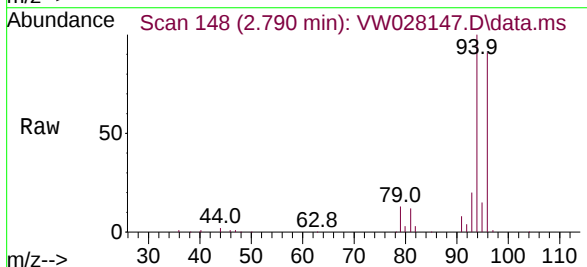
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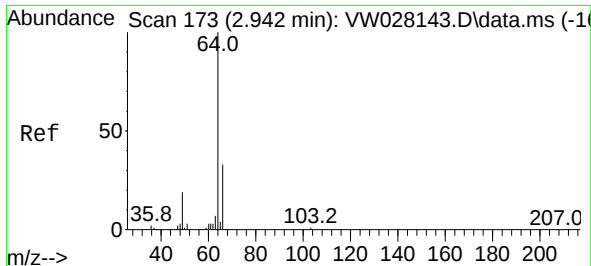
Tgt Ion: 94 Resp: 63580

Ion Ratio Lower Upper

94 100

96 91.0 69.1 128.3

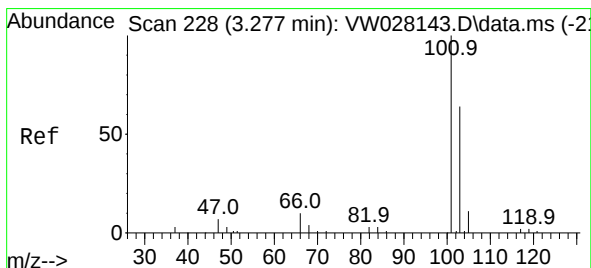
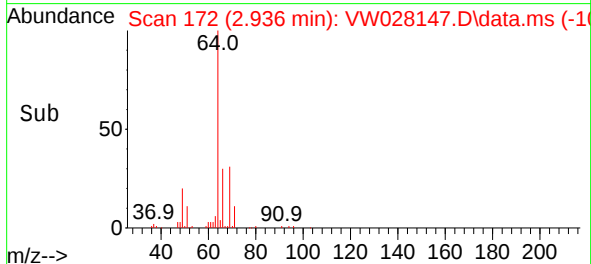
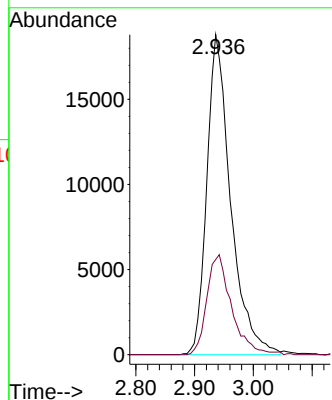
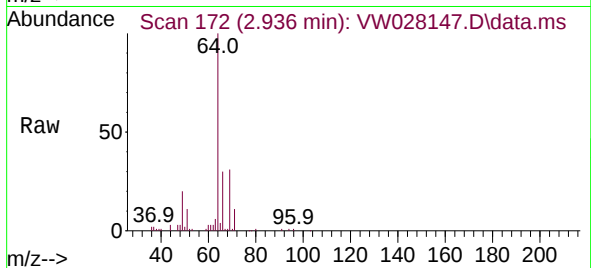




#8
Chloroethane
Concen: 23.606 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW028147.D
Acq: 11 Mar 2024 12:47

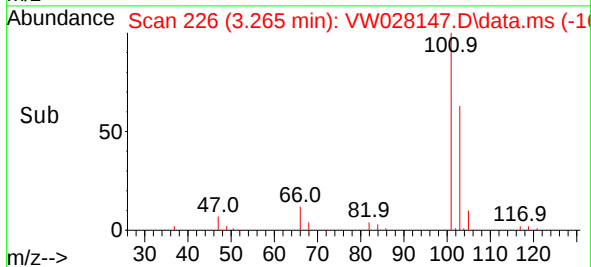
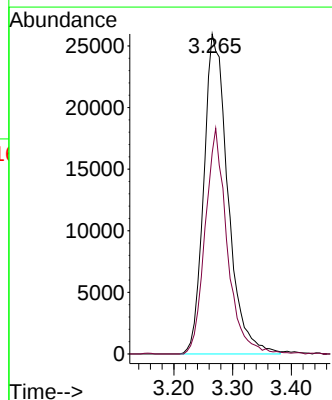
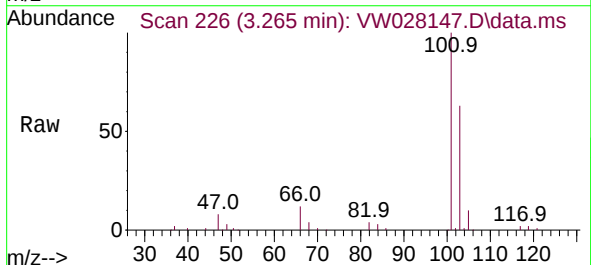
Instrument :
MSVOA_W
ClientSampleId :

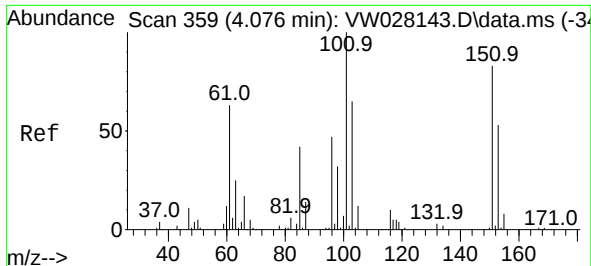
Tgt Ion: 64 Resp: 52930
Ion Ratio Lower Upper
64 100
66 29.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 22.195 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.012 min
Lab File: VW028147.D
Acq: 11 Mar 2024 12:47

Tgt Ion:101 Resp: 73912
Ion Ratio Lower Upper
101 100
103 64.4 52.6 78.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 23.220 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

Instrument :

MSVOA_W

ClientSampleId :

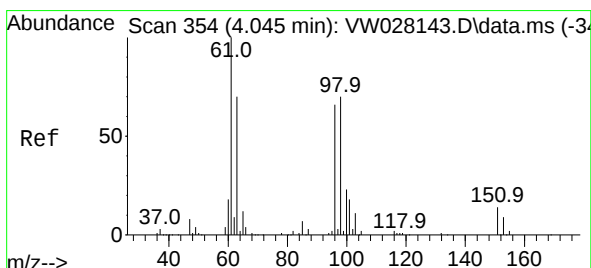
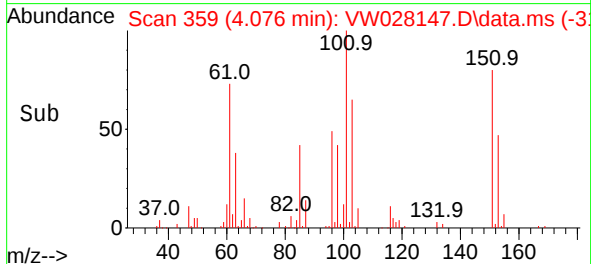
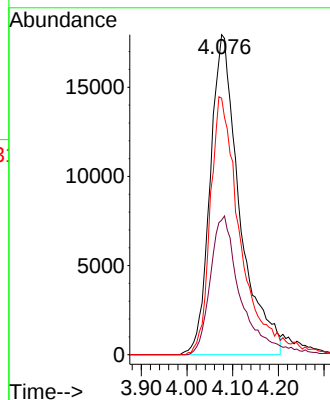
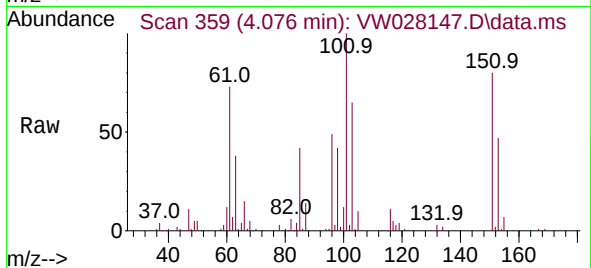
Tgt Ion:101 Resp: 80389

Ion Ratio Lower Upper

101 100

85 44.4 33.1 49.7

151 79.9 53.7 80.5



#12

1,1-Dichloroethene

Concen: 22.886 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

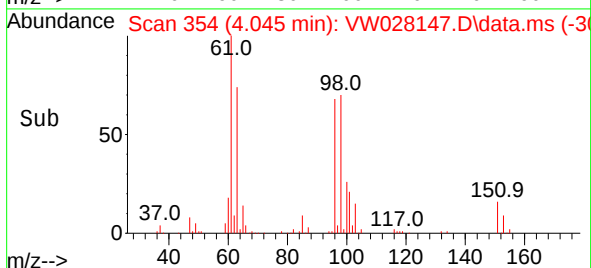
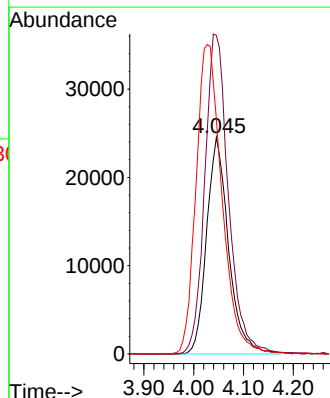
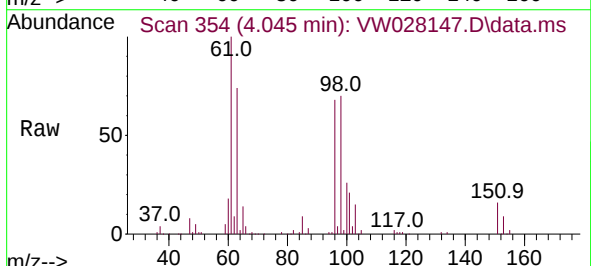
Tgt Ion: 96 Resp: 75035

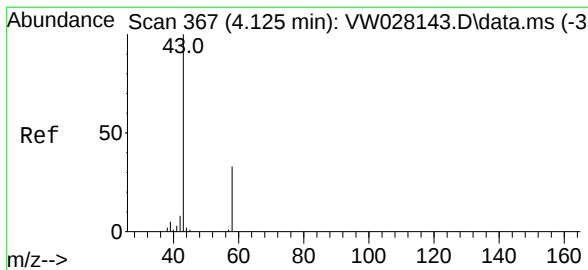
Ion Ratio Lower Upper

96 100

61 147.1 100.5 186.7

63 108.6 72.9 135.5





#13

Acetone

Concen: 49.382 ug/L

RT: 4.119 min Scan# 366

Delta R.T. -0.006 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

Instrument :

MSVOA_W

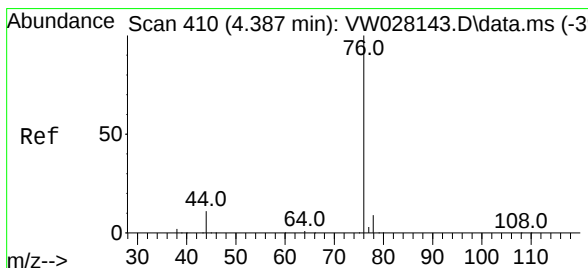
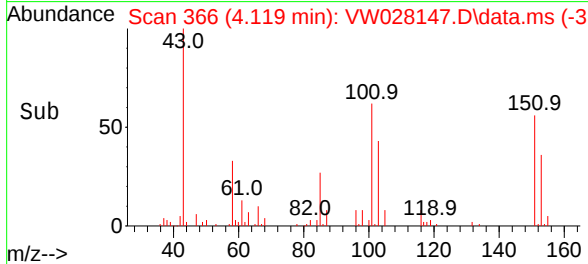
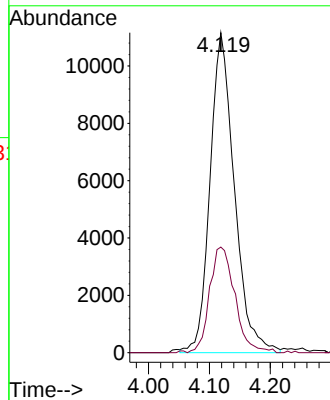
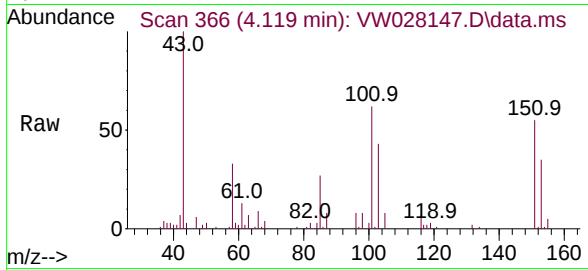
ClientSampleId :

Tgt Ion: 43 Resp: 31000

Ion Ratio Lower Upper

43 100

58 34.0 0.0 70.0



#14

Carbon disulfide

Concen: 21.943 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

Lab File: VW028147.D

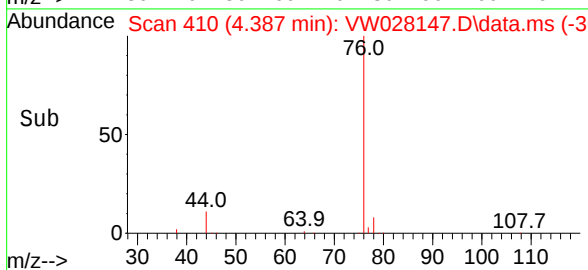
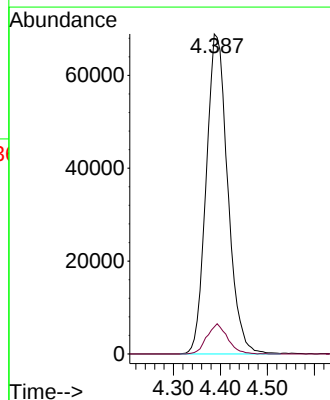
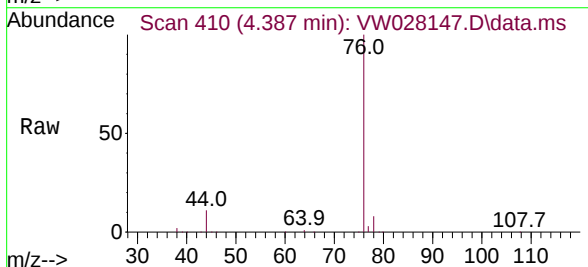
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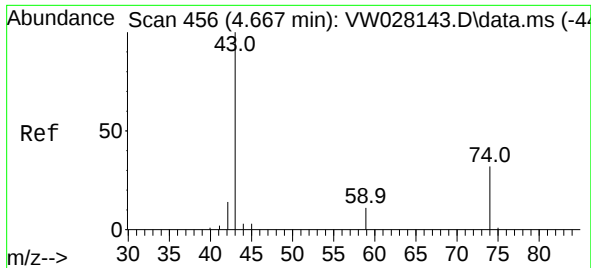
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Ion Ratio Lower Upper

76 100

78 8.5 7.9 11.9

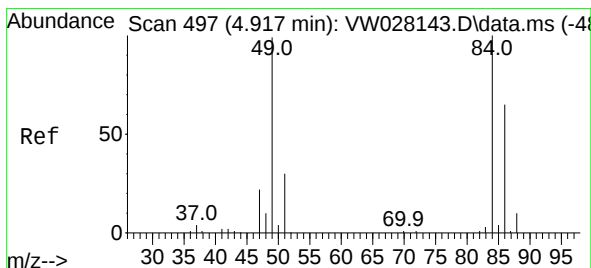
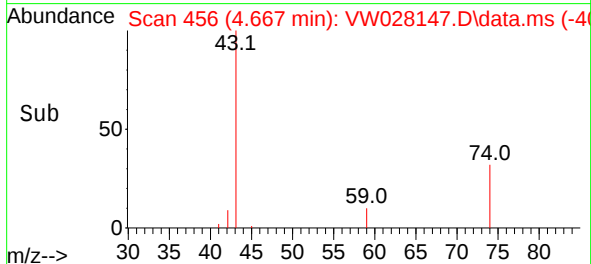
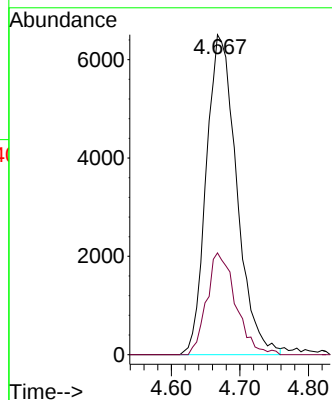
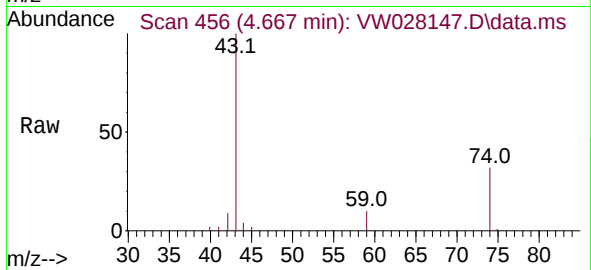




#15
Methyl Acetate
Concen: 22.598 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW028147.D
Acq: 11 Mar 2024 12:47

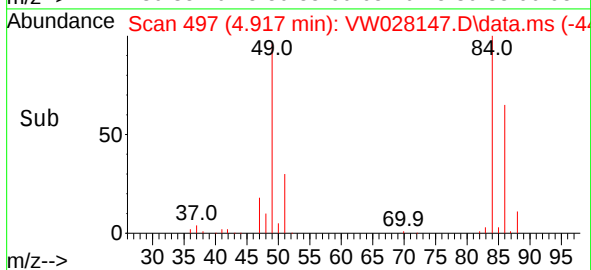
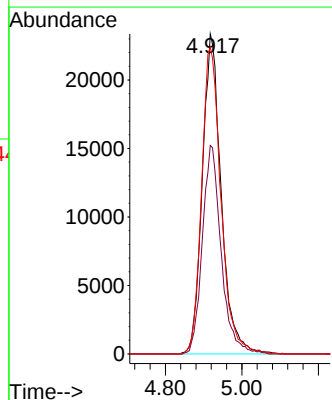
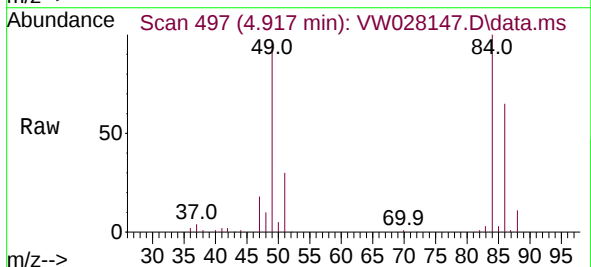
Instrument :
MSVOA_W
ClientSampleId :

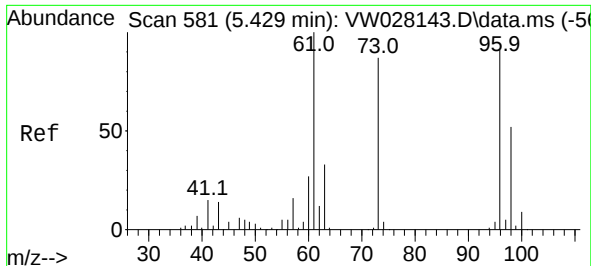
Tgt Ion: 43 Resp: 20051
Ion Ratio Lower Upper
43 100
74 30.1 24.3 36.5



#16
Methylene chloride
Concen: 22.063 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW028147.D
Acq: 11 Mar 2024 12:47

Tgt Ion: 84 Resp: 80043
Ion Ratio Lower Upper
84 100
86 65.2 41.2 76.6
49 95.9 66.5 123.5





#17

trans-1,2-Dichloroethene

Concen: 23.343 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

Instrument :

MSVOA_W

ClientSampleId :

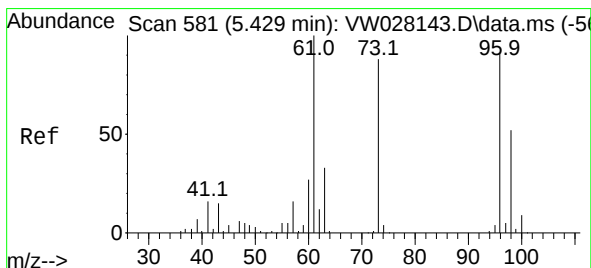
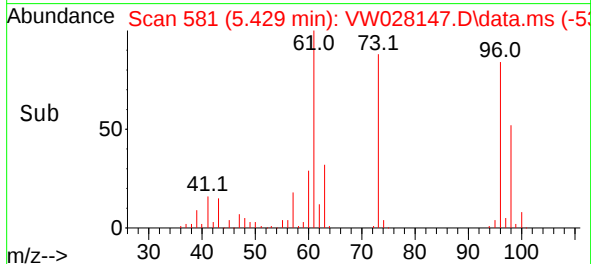
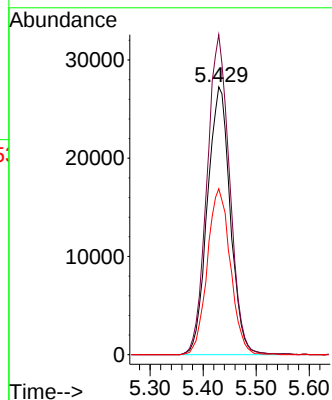
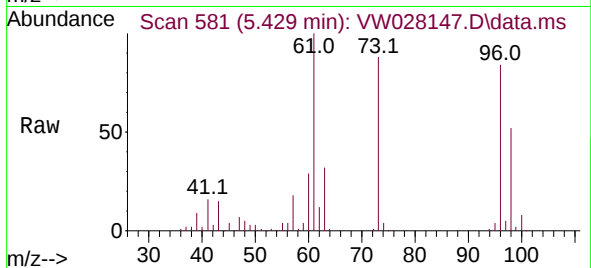
Tgt Ion: 96 Resp: 81777

Ion Ratio Lower Upper

96 100

61 119.5 82.6 153.4

98 61.9 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 23.288 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

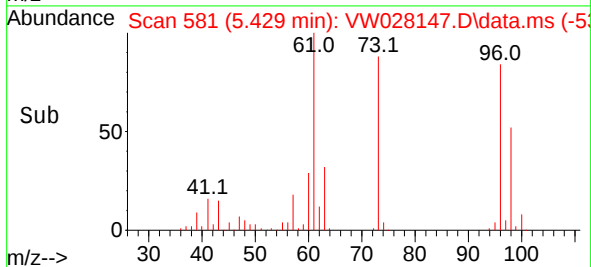
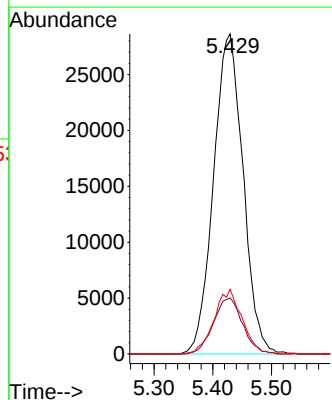
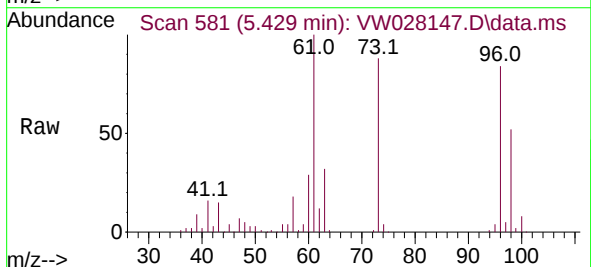
Tgt Ion: 73 Resp: 99913

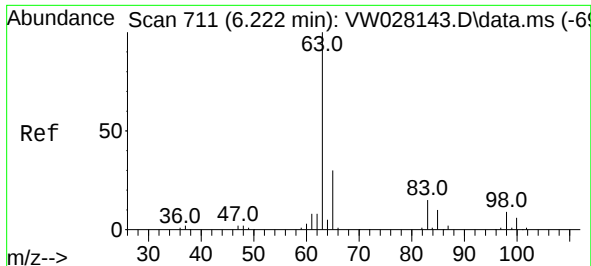
Ion Ratio Lower Upper

73 100

43 17.4 13.3 19.9

57 19.1 15.9 23.9





#19

1,1-Dichloroethane

Concen: 23.336 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

Instrument :

MSVOA_W

ClientSampleId :

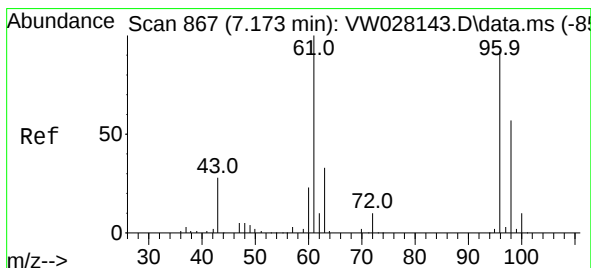
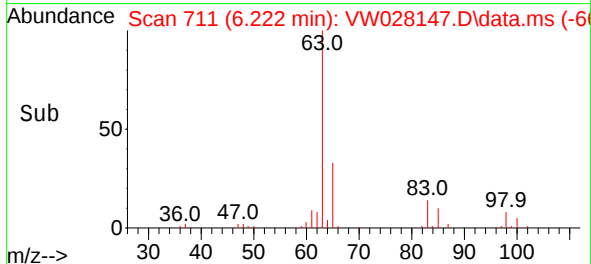
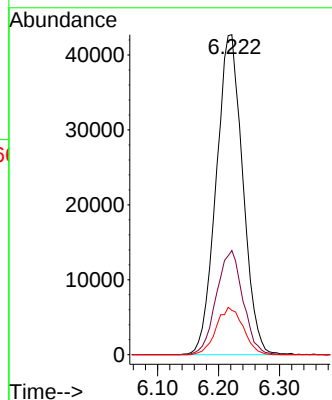
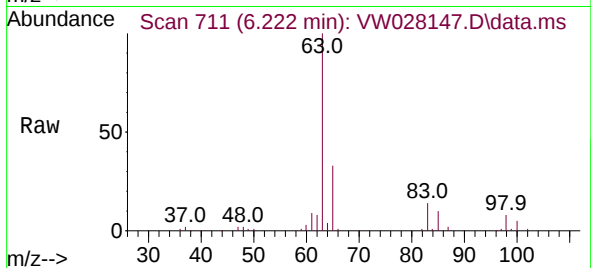
Tgt Ion: 63 Resp: 129263

Ion Ratio Lower Upper

63 100

65 32.5 23.2 43.0

83 13.9 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 23.241 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

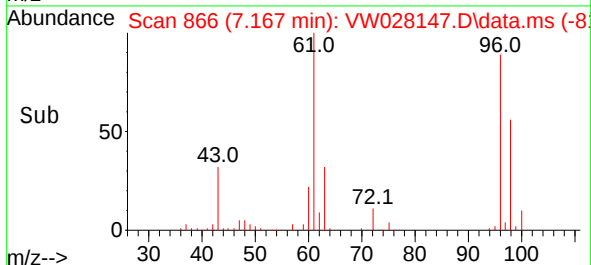
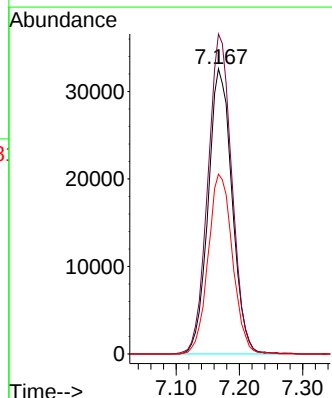
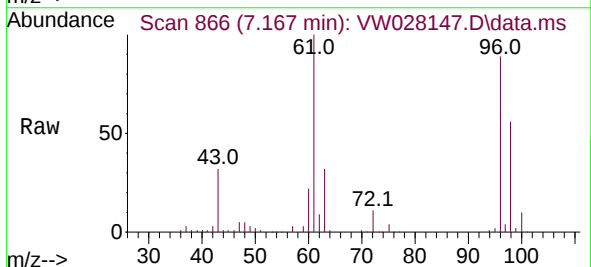
Tgt Ion: 96 Resp: 85687

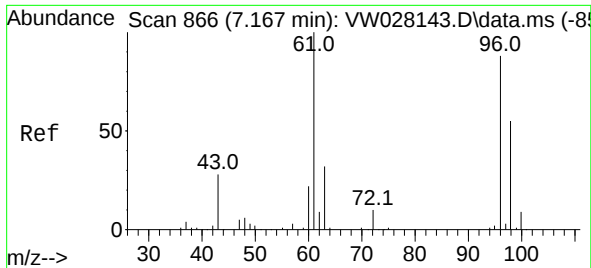
Ion Ratio Lower Upper

96 100

61 112.2 75.5 140.1

98 63.1 43.8 81.4

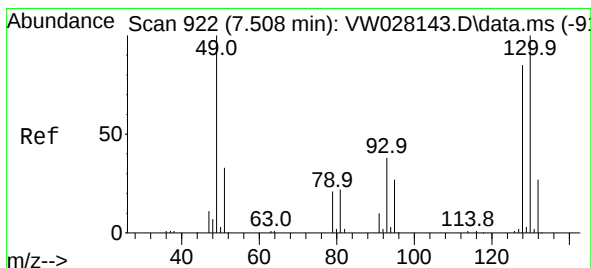
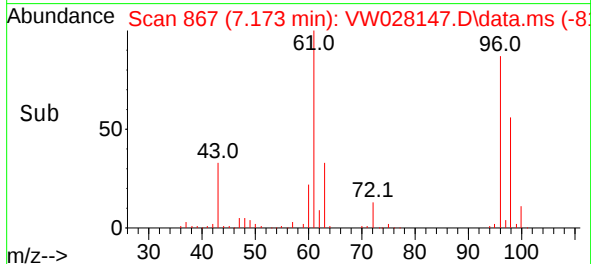
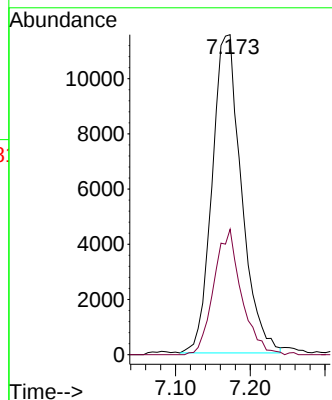
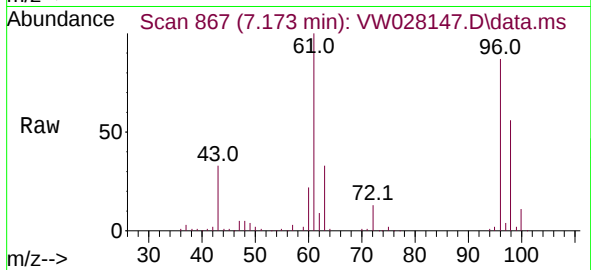




#22
2-Butanone
Concen: 44.910 ug/L
RT: 7.173 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW028147.D
Acq: 11 Mar 2024 12:47

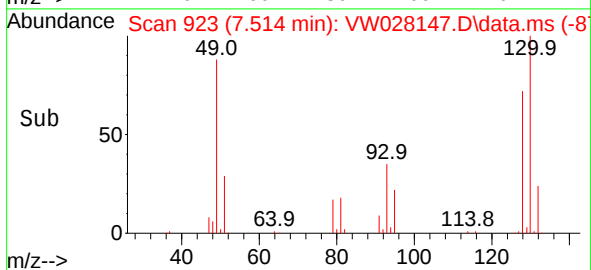
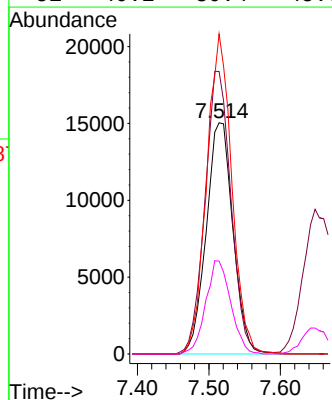
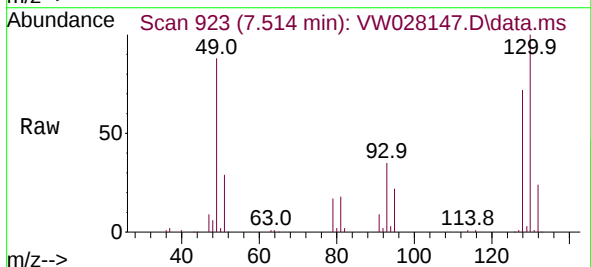
Instrument :
MSVOA_W
ClientSampleId :

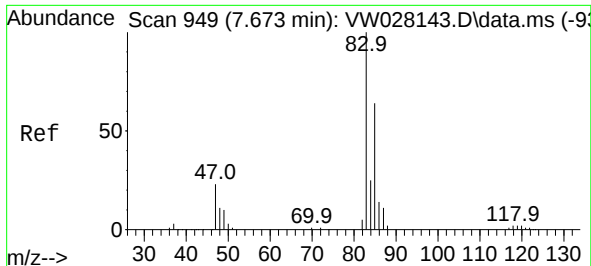
Tgt Ion: 43 Resp: 31486
Ion Ratio Lower Upper
43 100
72 36.7 18.4 55.0



#23
Bromochloromethane
Concen: 22.554 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW028147.D
Acq: 11 Mar 2024 12:47

Tgt Ion: 128 Resp: 39036
Ion Ratio Lower Upper
128 100
49 122.3 84.4 156.8
130 138.4 91.1 169.3
51 40.2 30.4 45.6





#25

Chloroform

Concen: 23.626 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

Instrument :

MSVOA_W

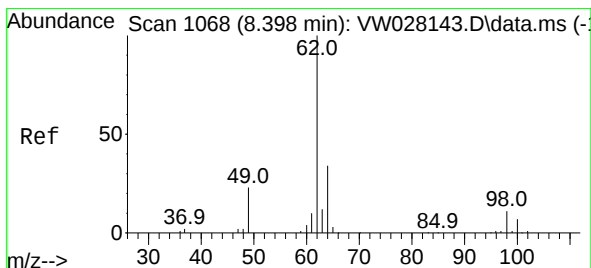
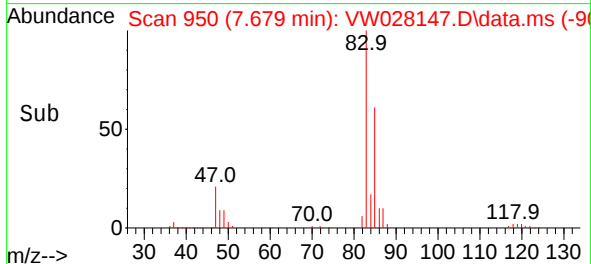
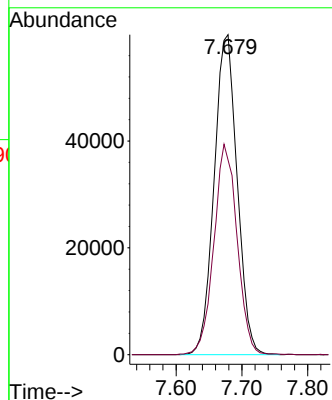
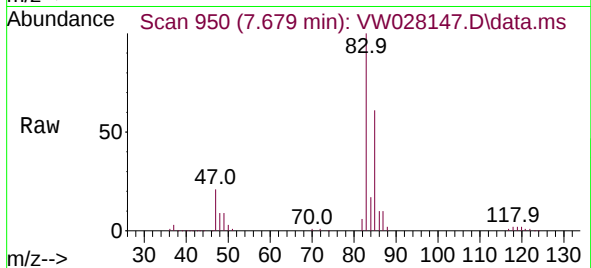
ClientSampleId :

Tgt Ion: 83 Resp: 146177

Ion Ratio Lower Upper

83 100

85 60.9 46.5 86.5



#27

1,2-Dichloroethane

Concen: 23.509 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028147.D

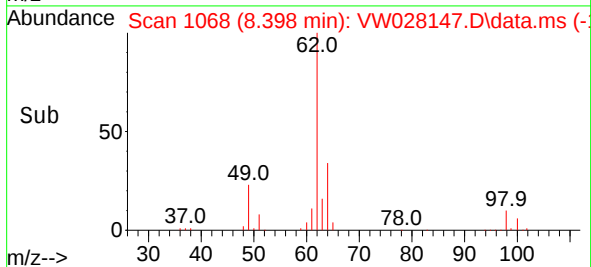
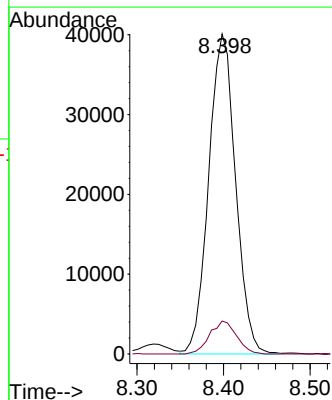
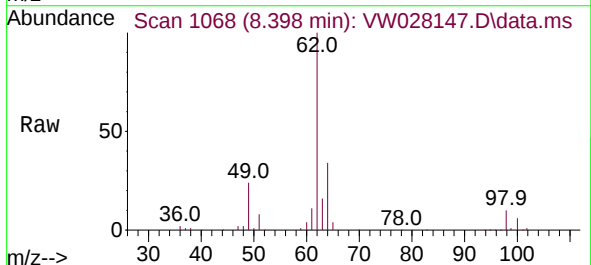
Acq: 11 Mar 2024 12:47

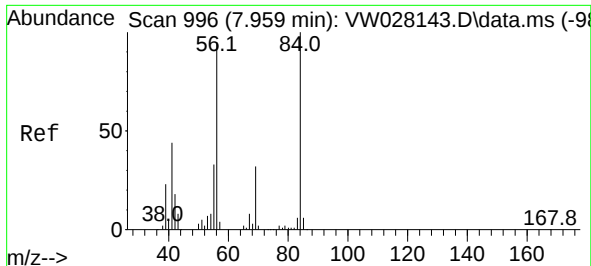
Tgt Ion: 62 Resp: 86492

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.4





#29

Cyclohexane

Concen: 23.848 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

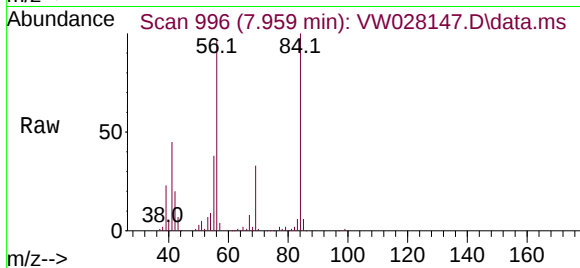
Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

Instrument :

MSVOA_W

ClientSampleId :



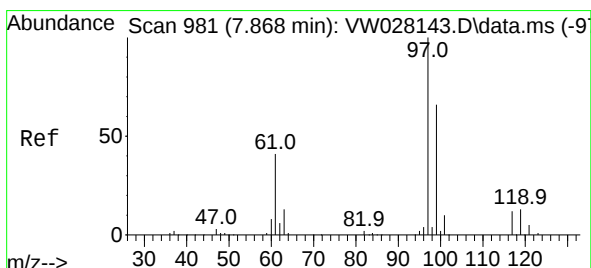
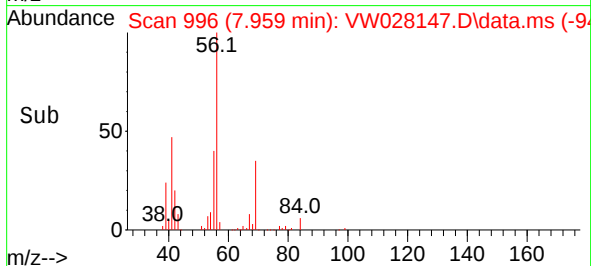
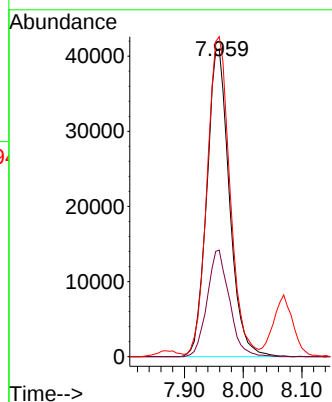
Tgt Ion: 56 Resp: 109644

Ion Ratio Lower Upper

56 100

69 34.1 27.6 41.4

84 105.4 86.6 129.8



#30

1,1,1-Trichloroethane

Concen: 24.350 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

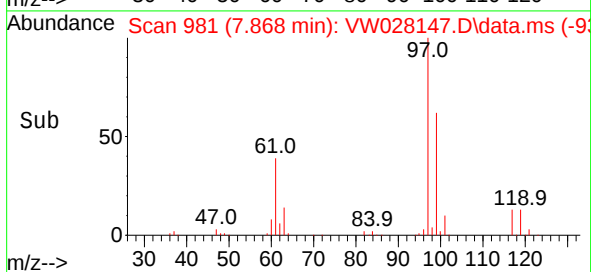
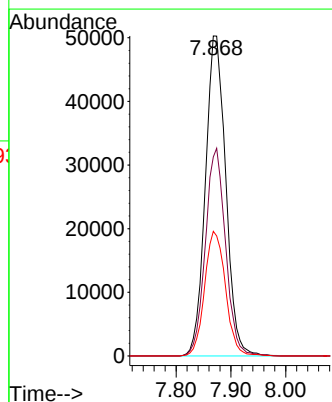
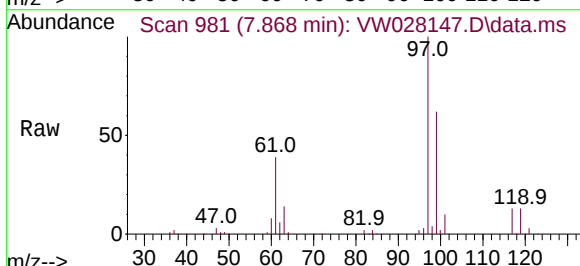
Tgt Ion: 97 Resp: 129987

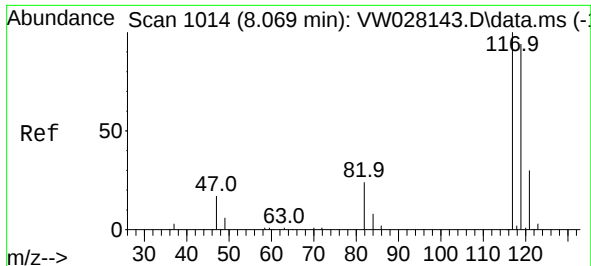
Ion Ratio Lower Upper

97 100

99 64.3 51.3 76.9

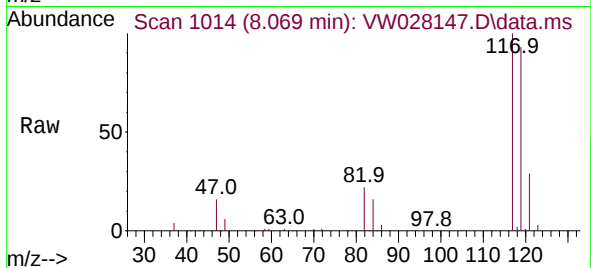
61 39.9 31.8 47.6



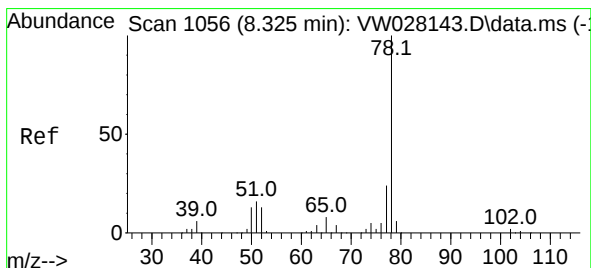
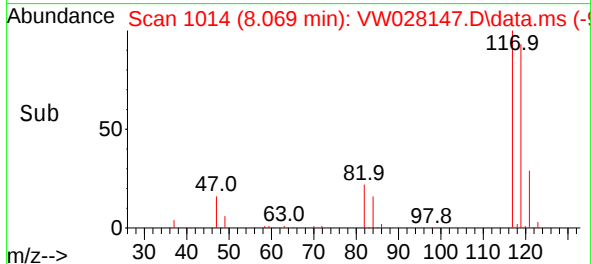
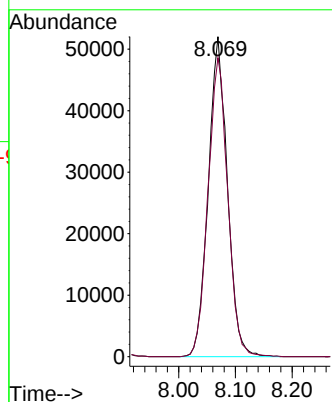


#31
Carbon tetrachloride
Concen: 24.428 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028147.D
Acq: 11 Mar 2024 12:47

Instrument :
MSVOA_W
ClientSampleId :

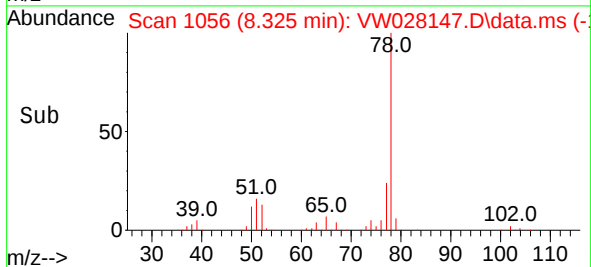
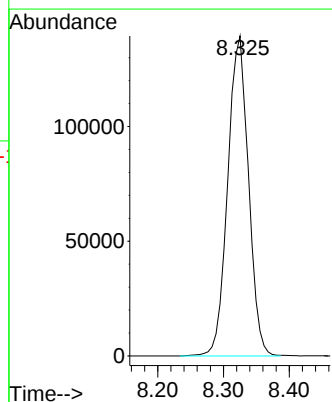
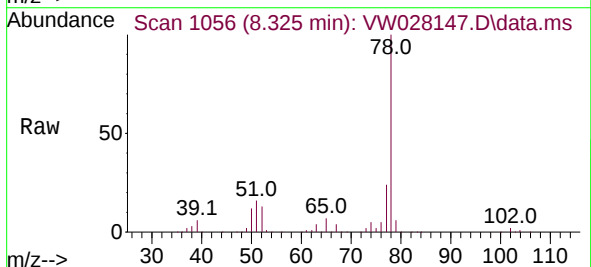


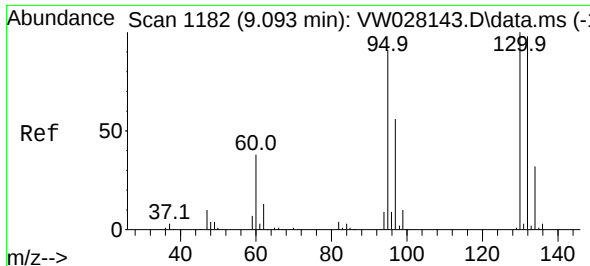
Tgt Ion:117 Resp: 121777
Ion Ratio Lower Upper
117 100
119 96.6 76.8 115.2



#33
Benzene
Concen: 23.738 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028147.D
Acq: 11 Mar 2024 12:47

Tgt Ion: 78 Resp: 306626

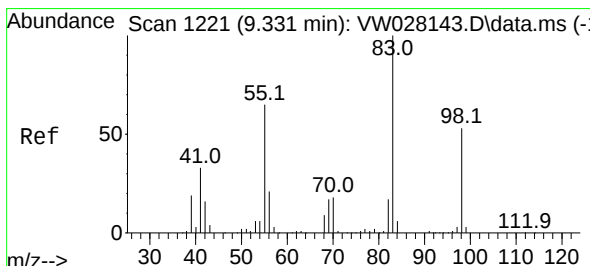
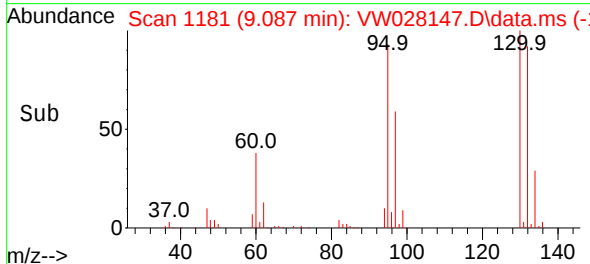
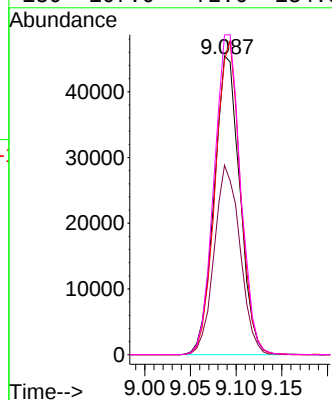
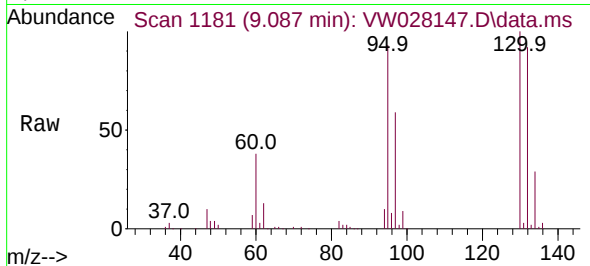




#34
Trichloroethene
Concen: 23.450 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW028147.D
Acq: 11 Mar 2024 12:47

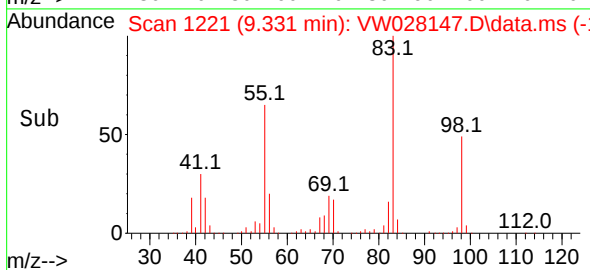
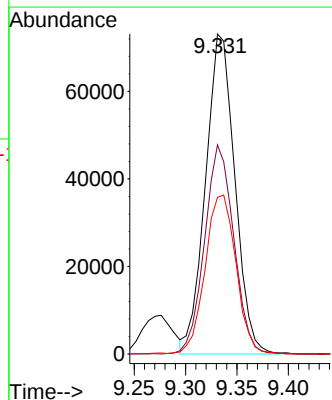
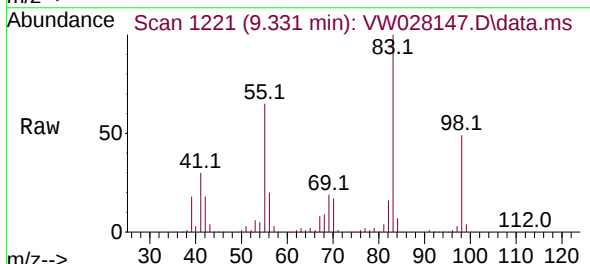
Instrument :
MSVOA_W
ClientSampleId :

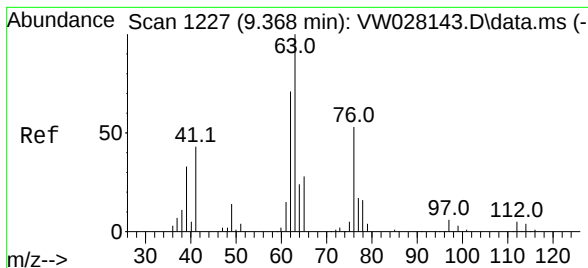
Tgt Ion: 95 Resp: 88752
Ion Ratio Lower Upper
95 100
97 63.4 44.5 82.7
132 98.6 68.3 126.9
130 107.0 72.6 134.8



#35
Methylcyclohexane
Concen: 23.759 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VW028147.D
Acq: 11 Mar 2024 12:47

Tgt Ion: 83 Resp: 145532
Ion Ratio Lower Upper
83 100
55 64.9 52.1 78.1
98 52.2 42.2 63.4





#37

1,2-Dichloropropane

Concen: 23.357 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

Instrument :

MSVOA_W

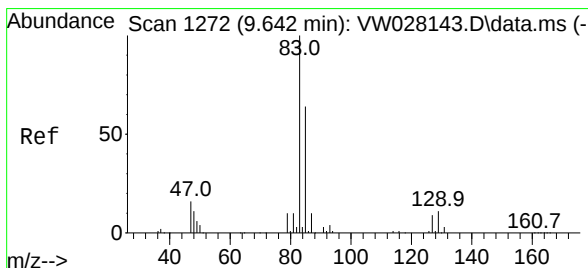
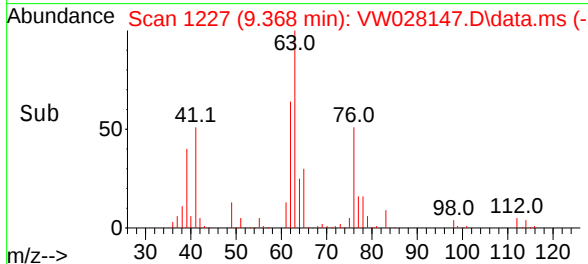
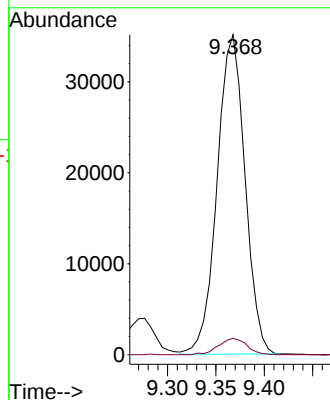
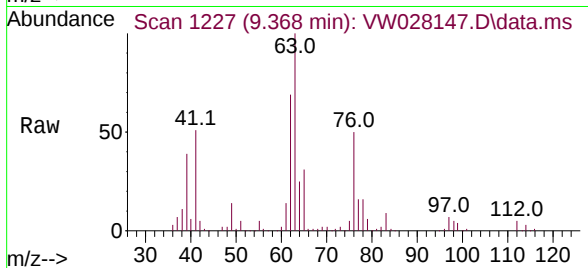
ClientSampleId :

Tgt Ion: 63 Resp: 70259

Ion Ratio Lower Upper

63 100

112 5.2 4.4 6.6



#38

Bromodichloromethane

Concen: 23.749 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

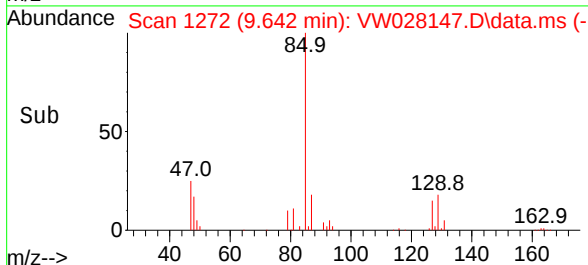
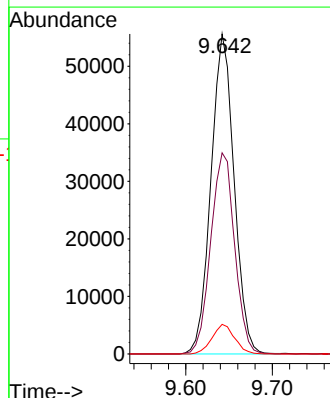
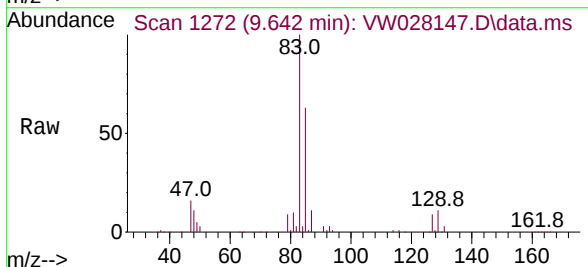
Tgt Ion: 83 Resp: 103184

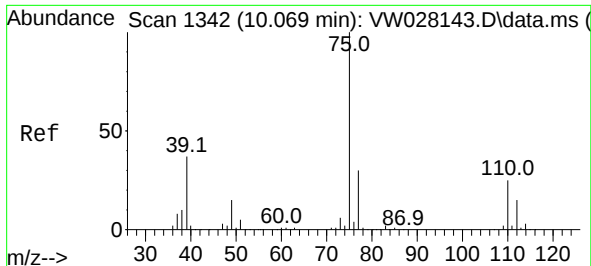
Ion Ratio Lower Upper

83 100

85 62.8 43.3 80.5

127 9.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 24.157 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

Instrument :

MSVOA_W

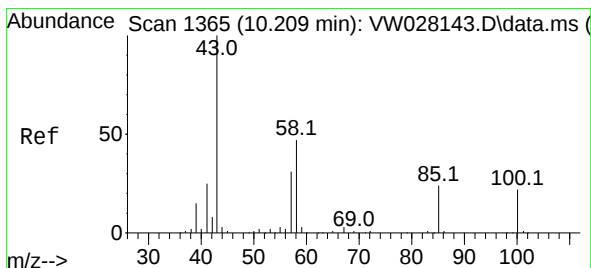
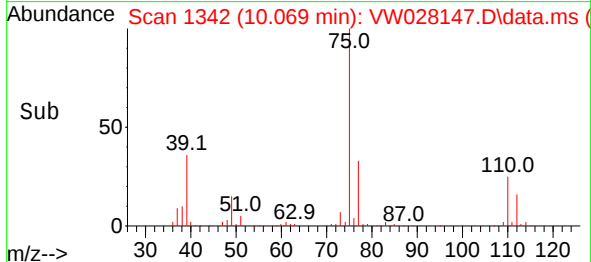
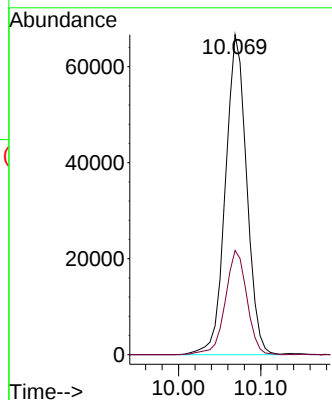
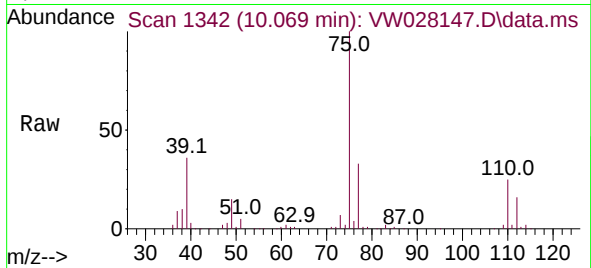
ClientSampleId :

Tgt Ion: 75 Resp: 119493

Ion Ratio Lower Upper

75 100

77 32.5 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 48.089 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

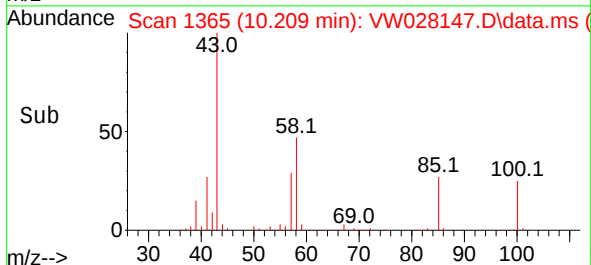
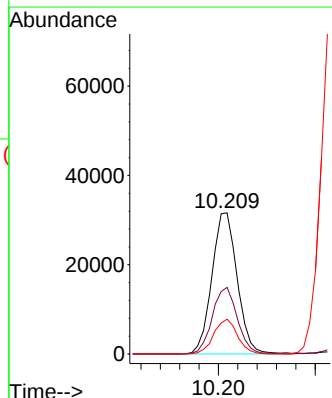
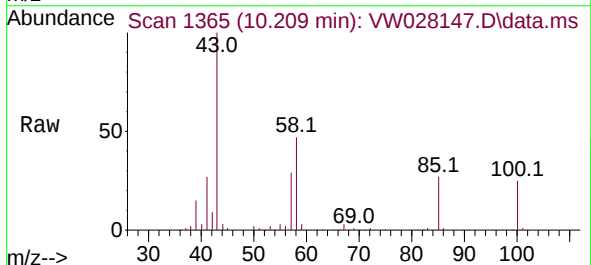
Tgt Ion: 43 Resp: 57454

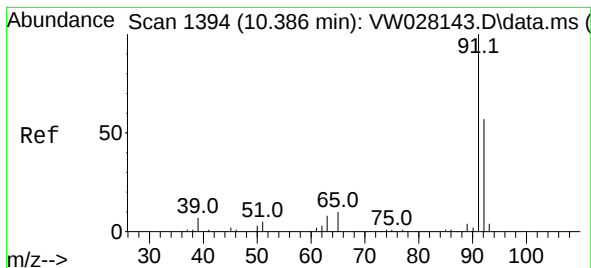
Ion Ratio Lower Upper

43 100

58 46.7 37.8 56.8

100 23.0 18.2 27.4





#42

Toluene

Concen: 23.822 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

Instrument :

MSVOA_W

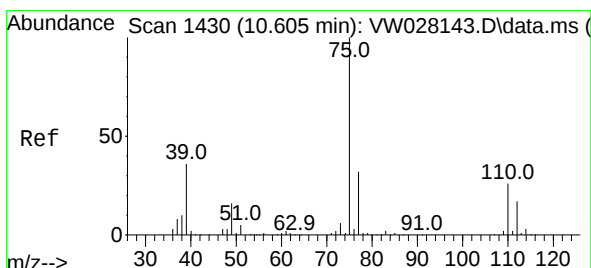
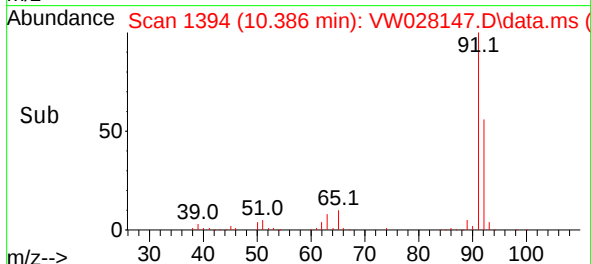
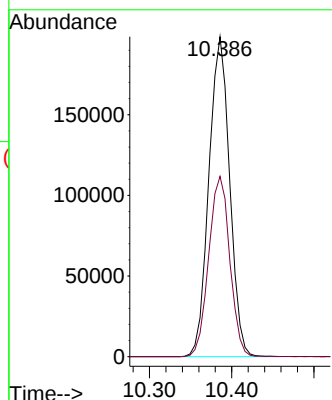
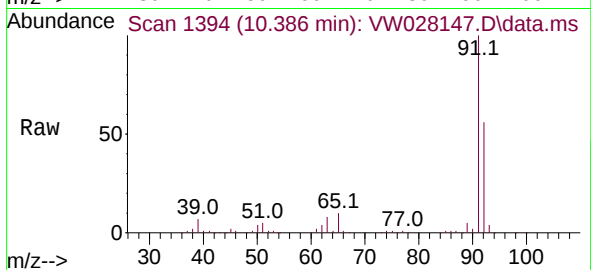
ClientSampleId :

Tgt Ion: 91 Resp: 347690

Ion Ratio Lower Upper

91 100

92 56.4 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 24.306 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028147.D

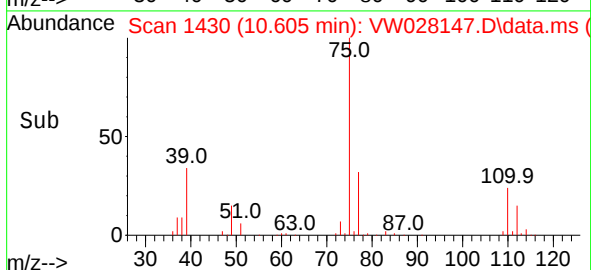
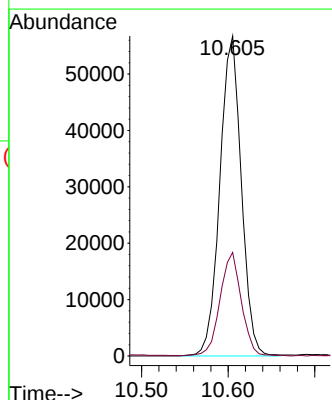
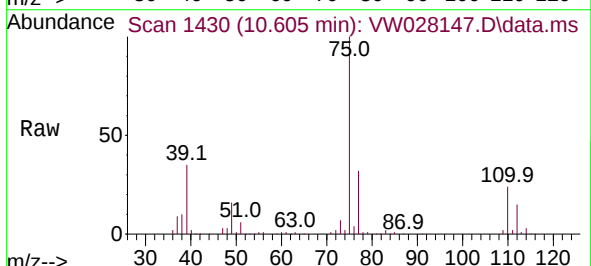
Acq: 11 Mar 2024 12:47

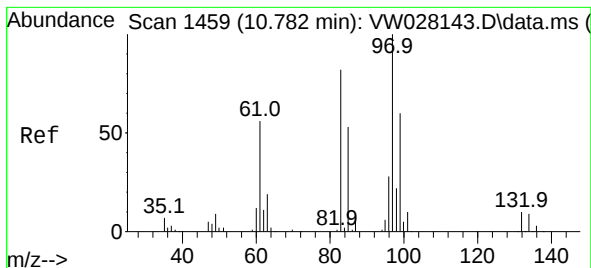
Tgt Ion: 75 Resp: 97672

Ion Ratio Lower Upper

75 100

77 32.4 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 23.386 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 58996

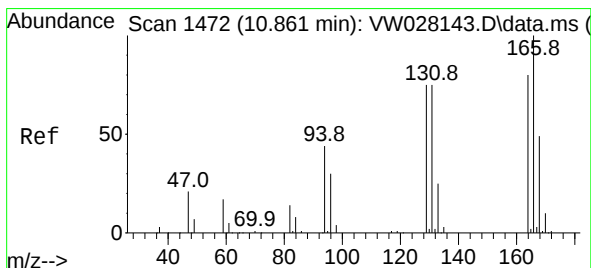
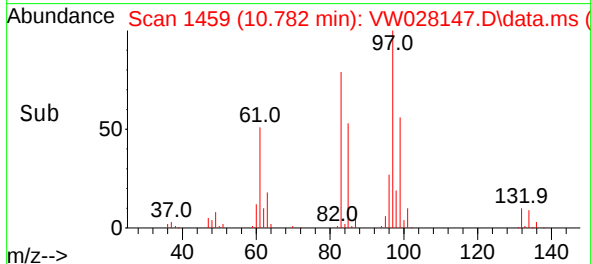
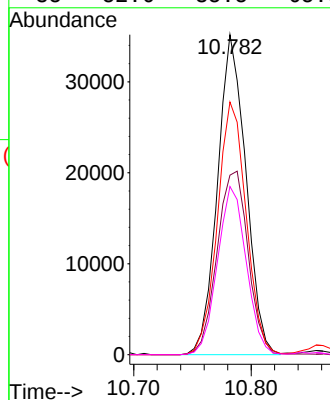
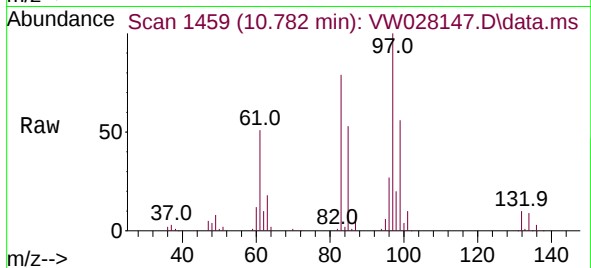
Ion Ratio Lower Upper

97 100

99 56.1 41.9 77.7

83 78.9 56.1 104.1

85 52.6 35.5 65.9



#46

Tetrachloroethene

Concen: 23.768 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

Tgt Ion:164 Resp: 75391

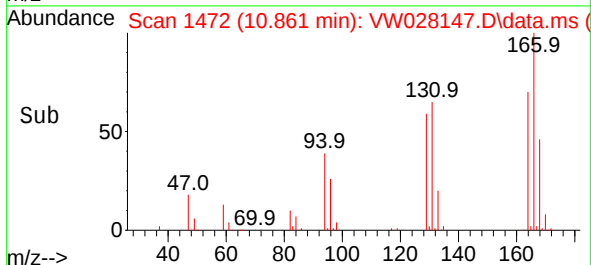
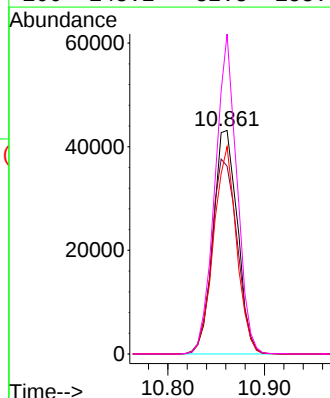
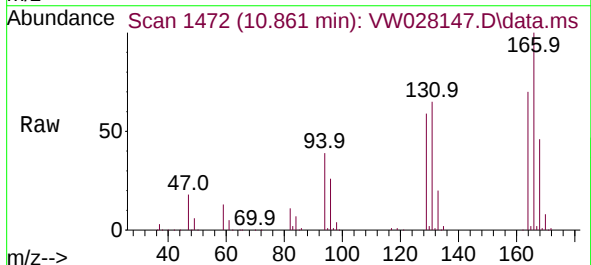
Ion Ratio Lower Upper

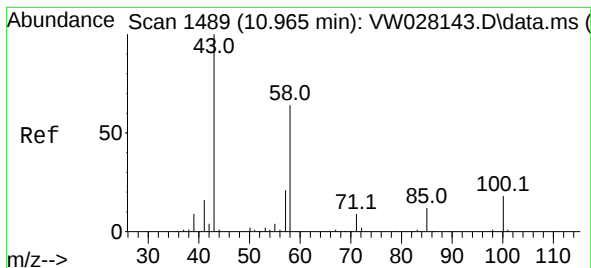
164 100

129 84.0 65.2 121.0

131 92.8 66.2 123.0

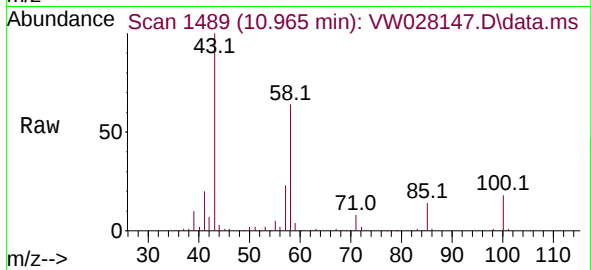
166 143.2 82.8 153.8



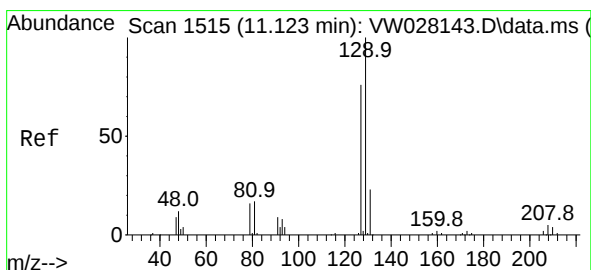
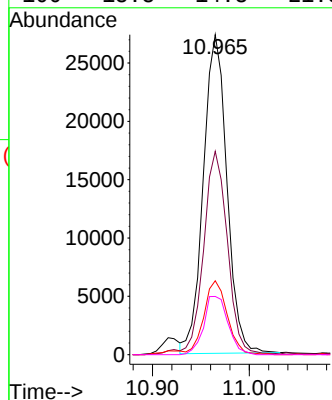
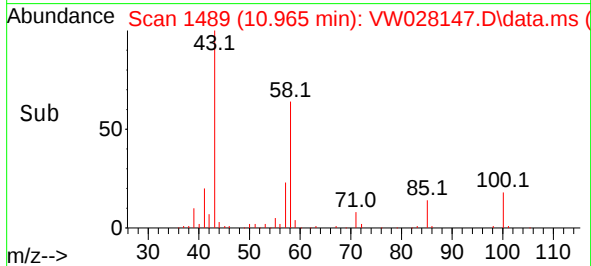


#48
2-Hexanone
Concen: 47.964 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028147.D
Acq: 11 Mar 2024 12:47

Instrument :
MSVOA_W
ClientSampleId :

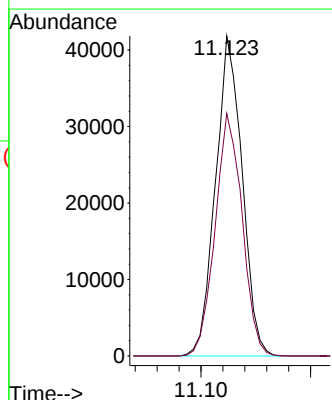
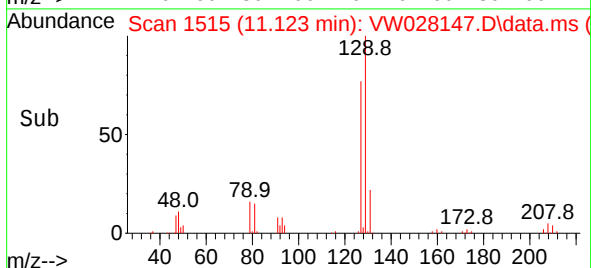
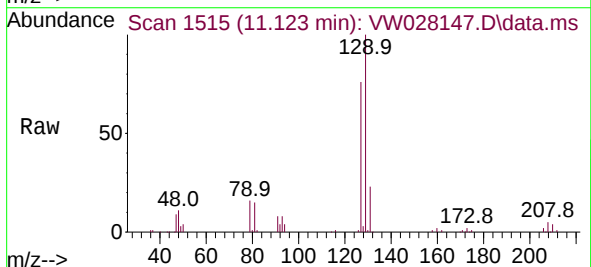


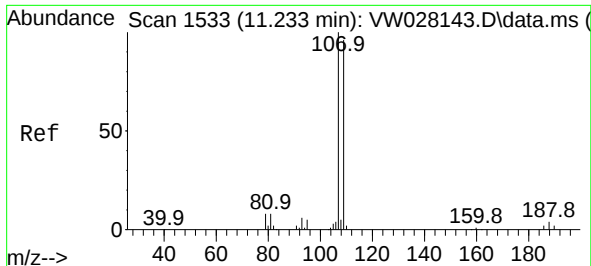
Tgt Ion: 43 Resp: 46335
Ion Ratio Lower Upper
43 100
58 64.0 51.8 77.8
57 23.0 18.2 27.4
100 18.8 14.3 21.5



#49
Dibromochloromethane
Concen: 24.085 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW028147.D
Acq: 11 Mar 2024 12:47

Tgt Ion:129 Resp: 70634
Ion Ratio Lower Upper
129 100
127 75.8 57.1 106.1





#50

1,2-Dibromoethane

Concen: 23.726 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

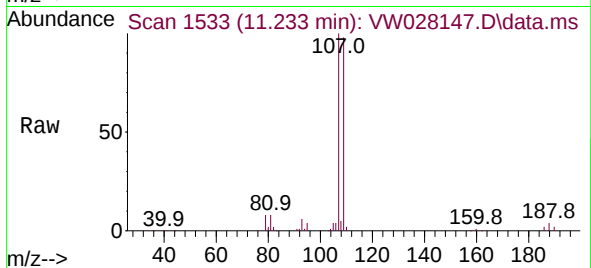
Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

Instrument :

MSVOA_W

ClientSampleId :



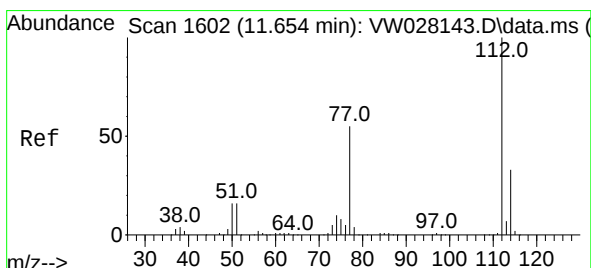
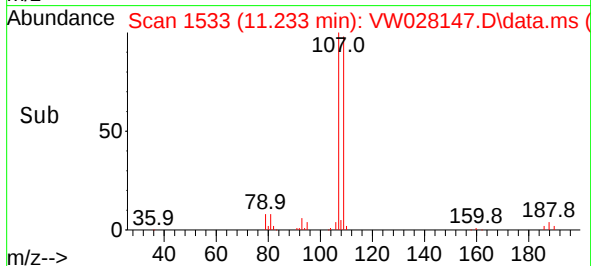
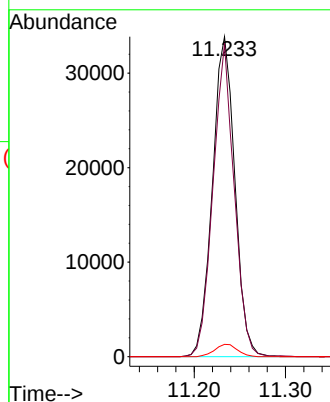
Tgt Ion:107 Resp: 57649

Ion Ratio Lower Upper

107 100

109 97.9 67.5 125.3

188 3.8 3.1 4.7



#51

Chlorobenzene

Concen: 23.228 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

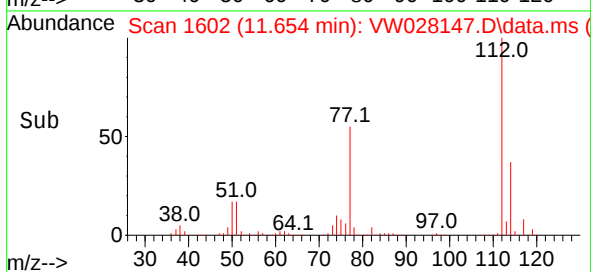
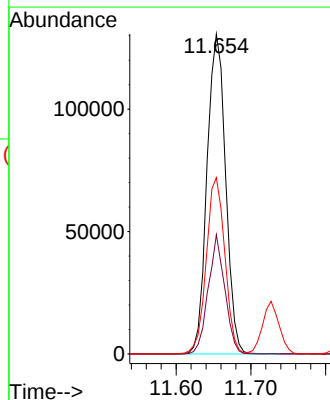
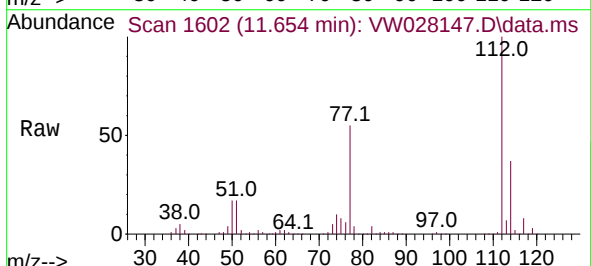
Tgt Ion:112 Resp: 226207

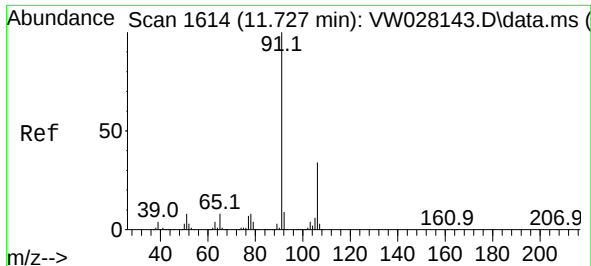
Ion Ratio Lower Upper

112 100

114 37.3 20.6 38.4

77 55.1 40.0 60.0





#52

Ethylbenzene

Concen: 24.160 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

Instrument :

MSVOA_W

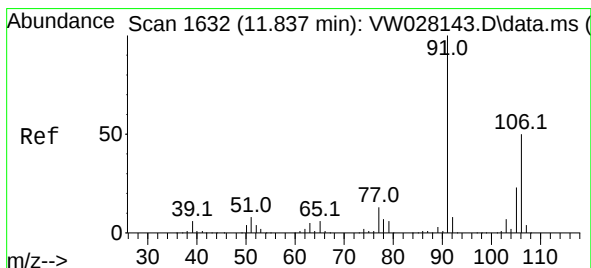
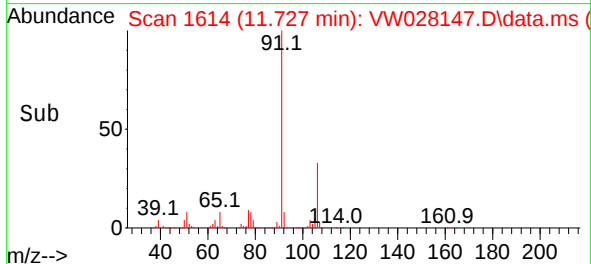
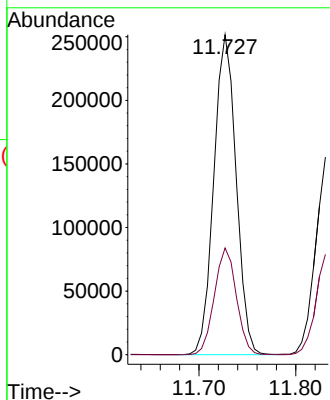
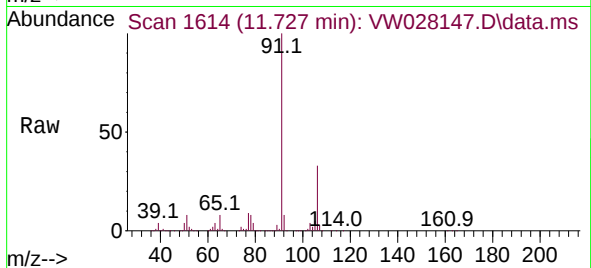
ClientSampleId :

Tgt Ion: 91 Resp: 403148

Ion Ratio Lower Upper

91 100

106 33.3 23.8 44.2



#53

m,p-Xylene

Concen: 24.304 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028147.D

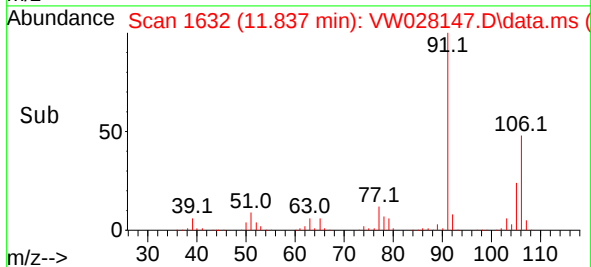
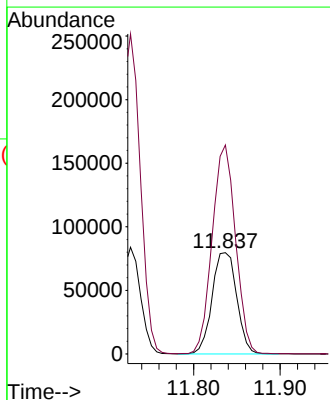
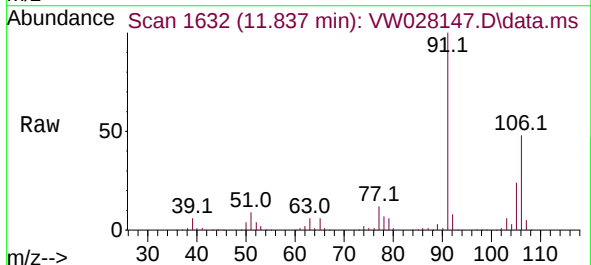
Acq: 11 Mar 2024 12:47

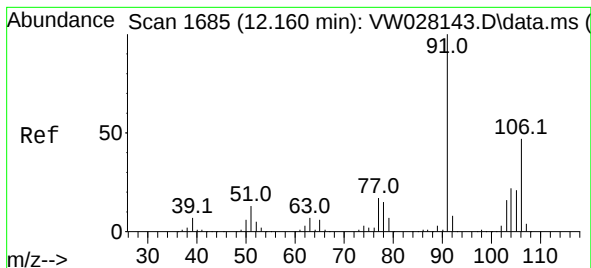
Tgt Ion:106 Resp: 157352

Ion Ratio Lower Upper

106 100

91 206.5 139.7 259.4





#54

o-Xylene

Concen: 24.152 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

Instrument :

MSVOA_W

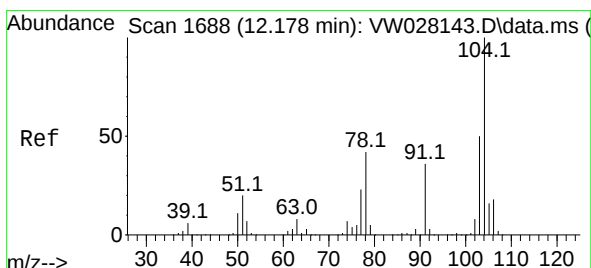
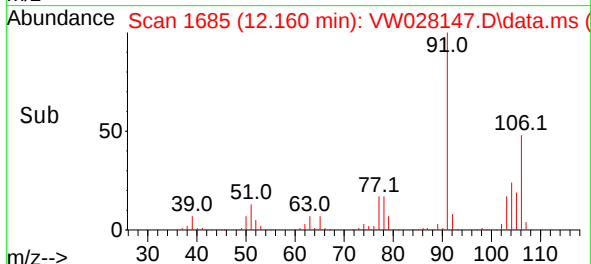
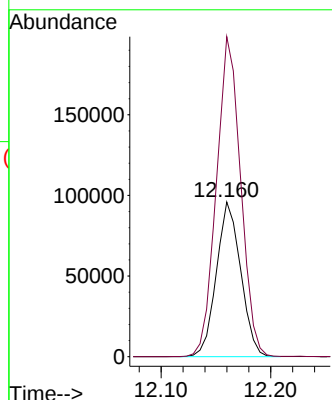
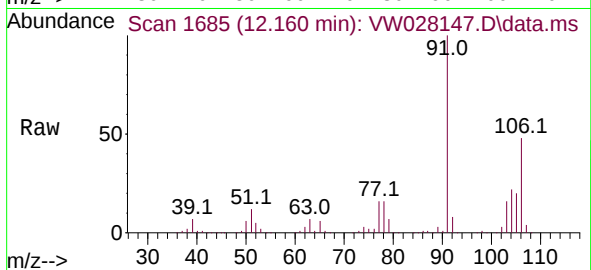
ClientSampleId :

Tgt Ion:106 Resp: 147987

Ion Ratio Lower Upper

106 100

91 206.9 145.2 269.6



#55

Styrene

Concen: 23.486 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028147.D

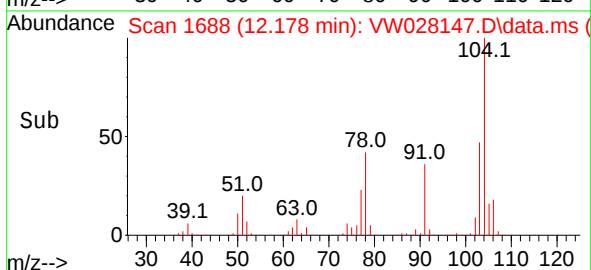
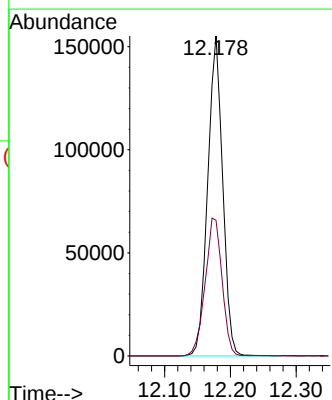
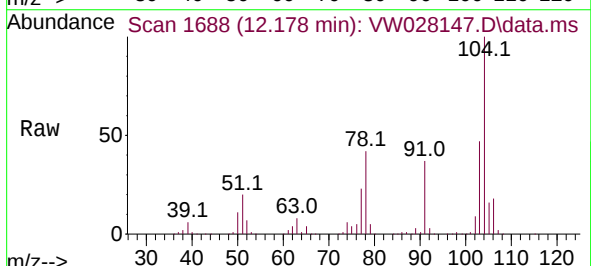
Acq: 11 Mar 2024 12:47

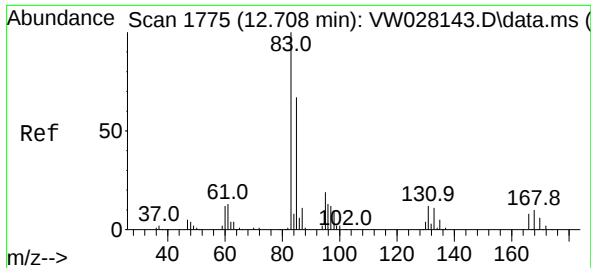
Tgt Ion:104 Resp: 245424

Ion Ratio Lower Upper

104 100

78 42.4 29.1 54.1

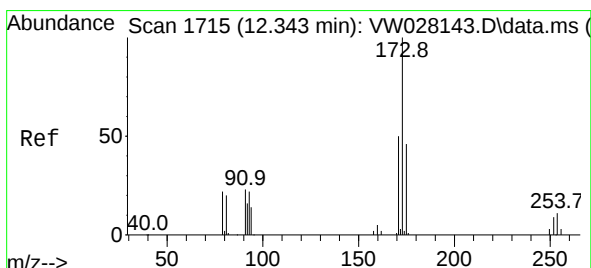
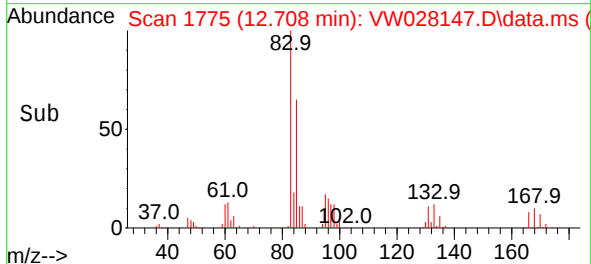
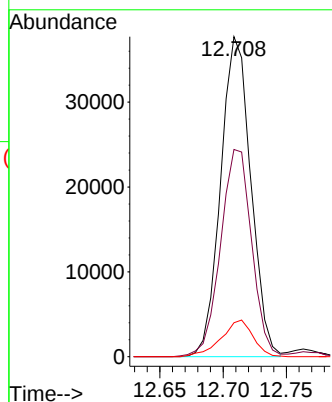
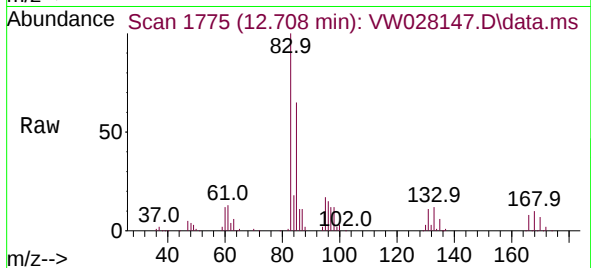




#57
1,1,2,2-Tetrachloroethane
Concen: 22.987 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028147.D
Acq: 11 Mar 2024 12:47

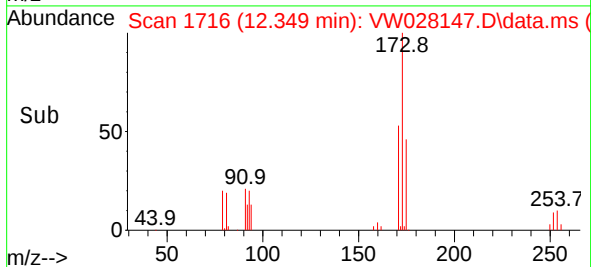
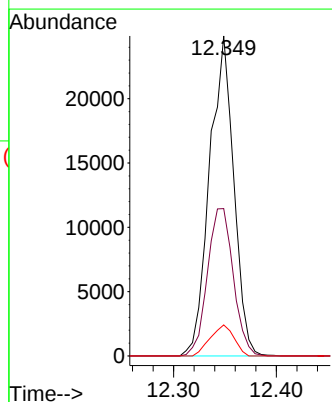
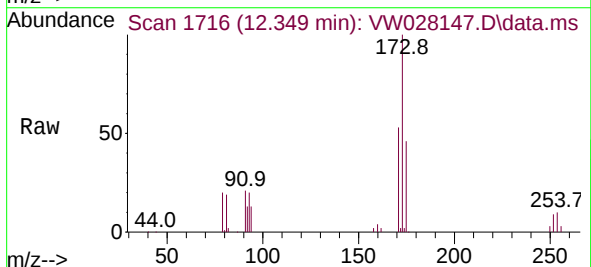
Instrument :
MSVOA_W
ClientSampleId :

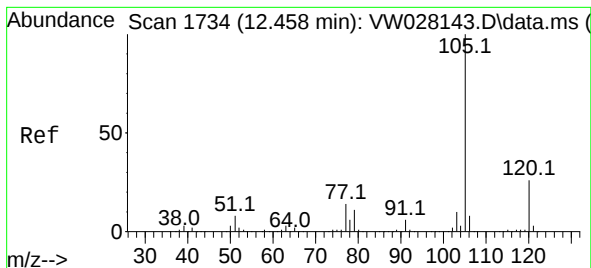
Tgt Ion: 83 Resp: 62528
Ion Ratio Lower Upper
83 100
85 64.8 45.7 84.9
131 10.6 9.7 14.5



#59
Bromoform
Concen: 21.532 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW028147.D
Acq: 11 Mar 2024 12:47

Tgt Ion:173 Resp: 40709
Ion Ratio Lower Upper
173 100
175 49.3 37.2 55.8
254 9.5 8.5 12.7





#60

Isopropylbenzene

Concen: 22.663 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

Instrument :

MSVOA_W

ClientSampleId :

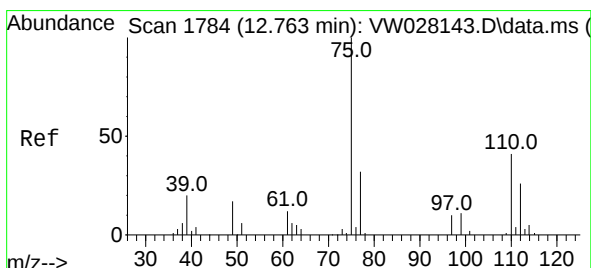
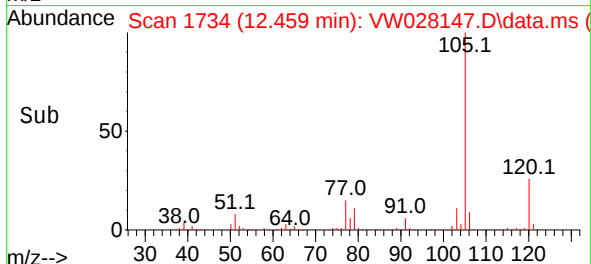
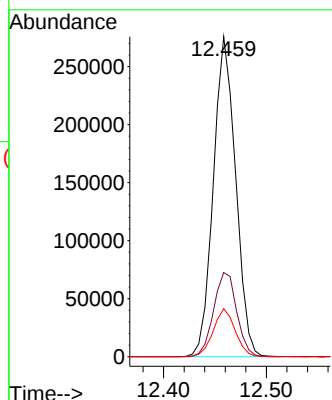
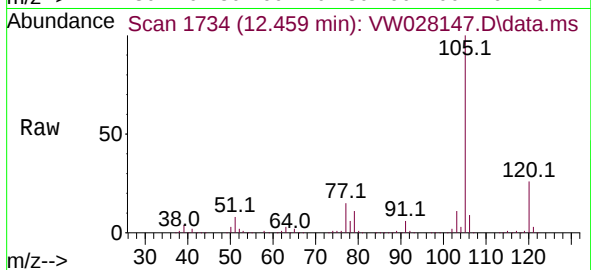
Tgt Ion:105 Resp: 414651

Ion Ratio Lower Upper

105 100

120 27.3 22.2 33.2

77 14.8 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 21.570 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

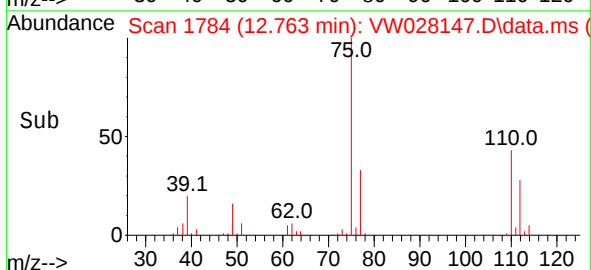
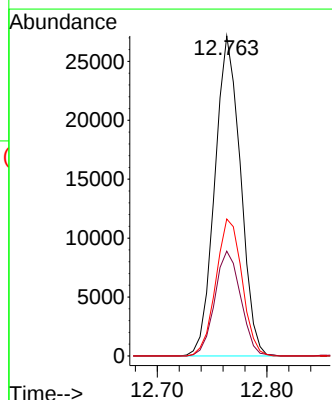
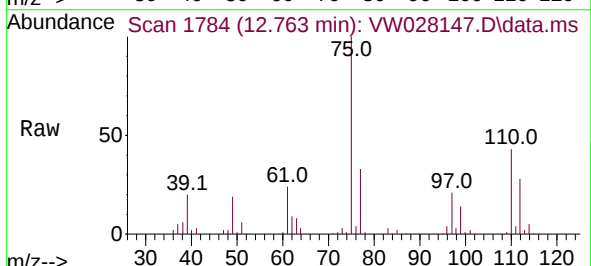
Tgt Ion: 75 Resp: 44220

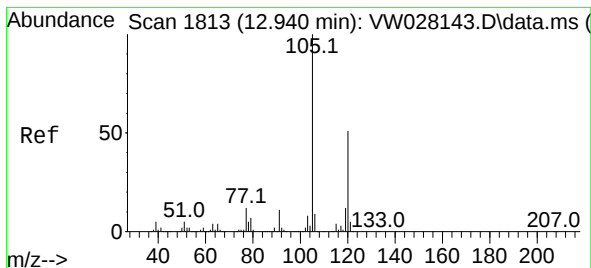
Ion Ratio Lower Upper

75 100

77 33.0 25.9 38.9

110 43.6 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 22.825 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

Instrument :

MSVOA_W

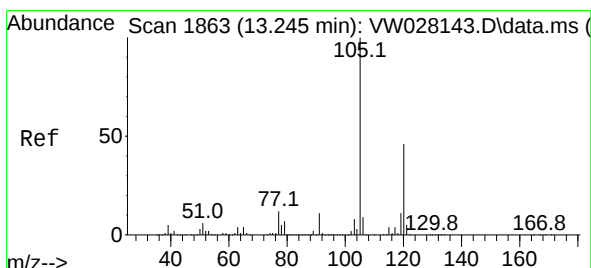
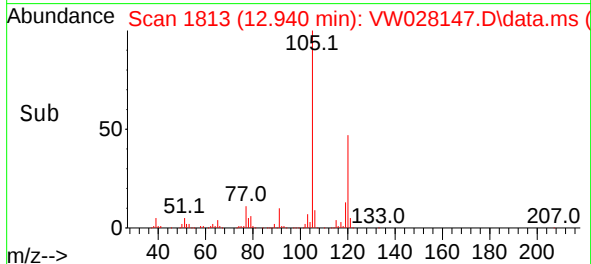
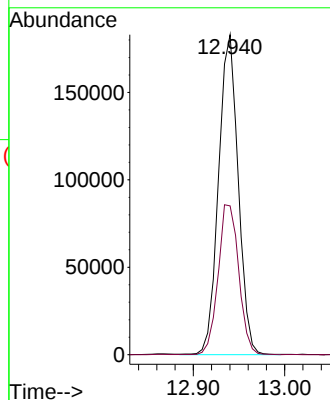
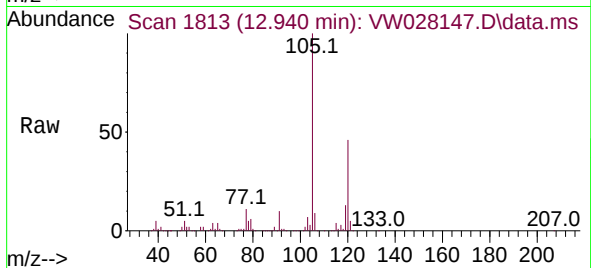
ClientSampleId :

Tgt Ion:105 Resp: 273804

Ion Ratio Lower Upper

105 100

120 49.1 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 23.078 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028147.D

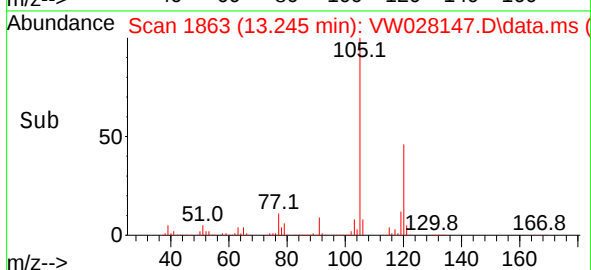
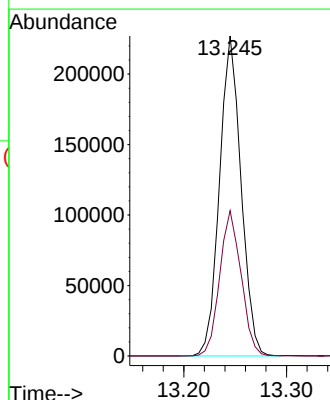
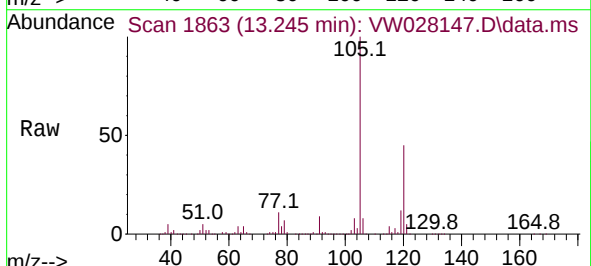
Acq: 11 Mar 2024 12:47

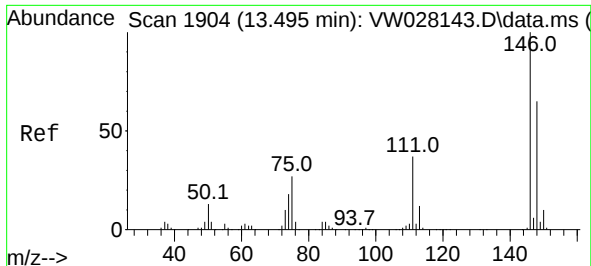
Tgt Ion:105 Resp: 330127

Ion Ratio Lower Upper

105 100

120 45.1 36.4 54.6





#64

1,3-Dichlorobenzene

Concen: 22.278 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

Instrument :

MSVOA_W

ClientSampleId :

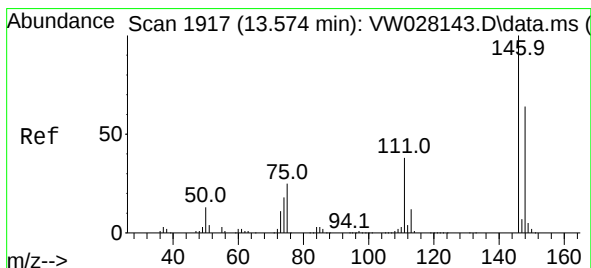
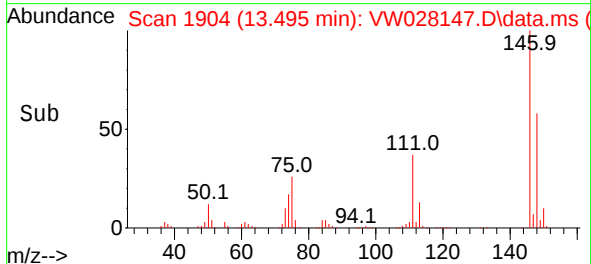
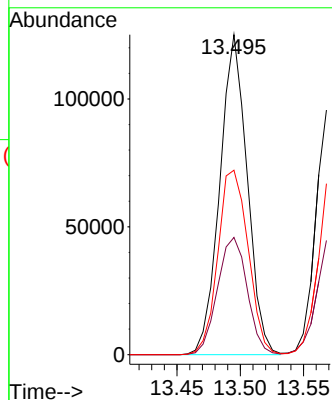
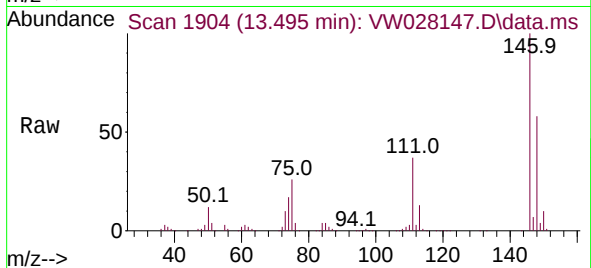
Tgt Ion:146 Resp: 188383

Ion Ratio Lower Upper

146 100

111 36.7 27.9 51.9

148 57.7 38.7 71.9



#65

1,4-Dichlorobenzene

Concen: 22.480 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

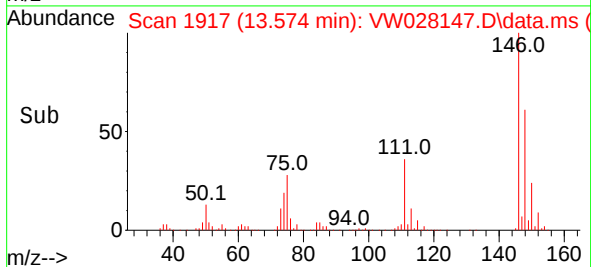
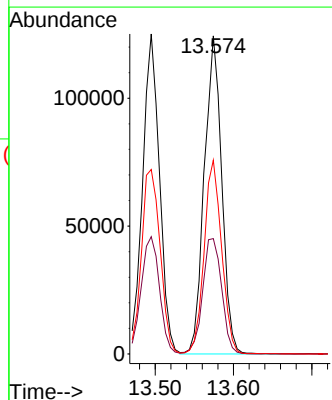
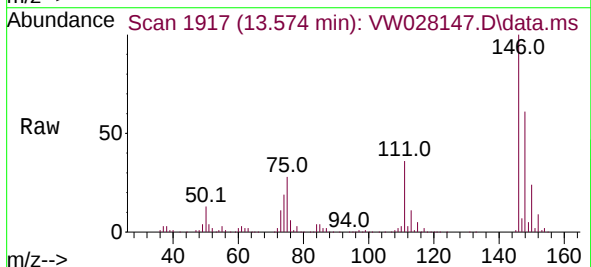
Tgt Ion:146 Resp: 191907

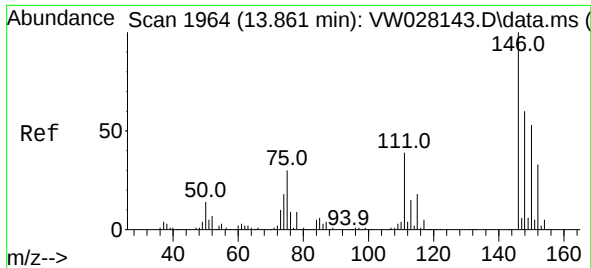
Ion Ratio Lower Upper

146 100

111 36.3 29.3 54.5

148 60.9 47.5 88.1

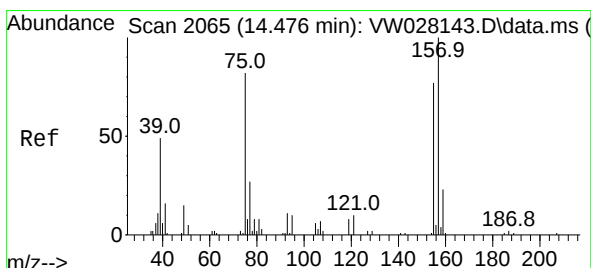
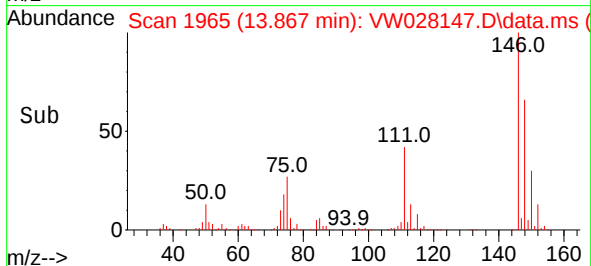
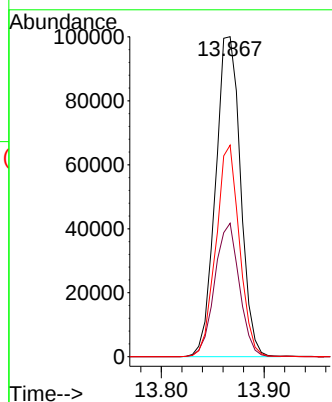
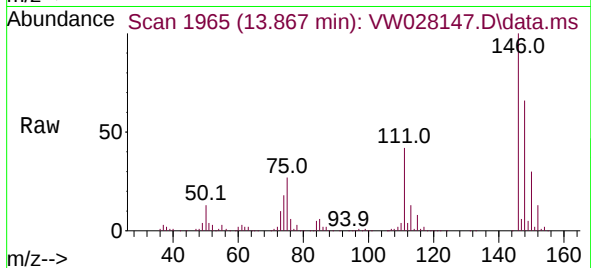




#67
1,2-Dichlorobenzene
Concen: 22.144 ug/L
RT: 13.867 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VW028147.D
Acq: 11 Mar 2024 12:47

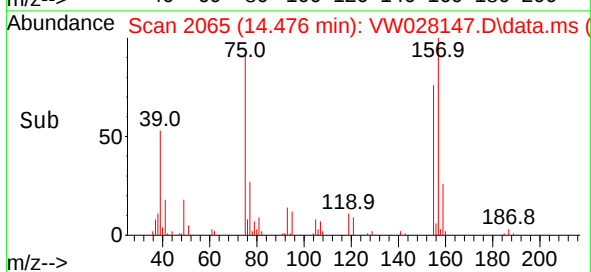
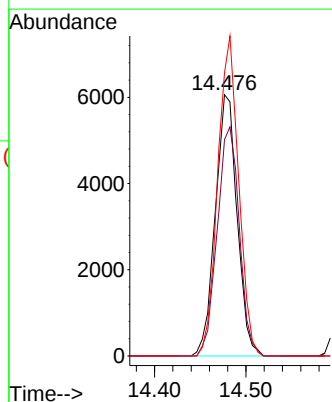
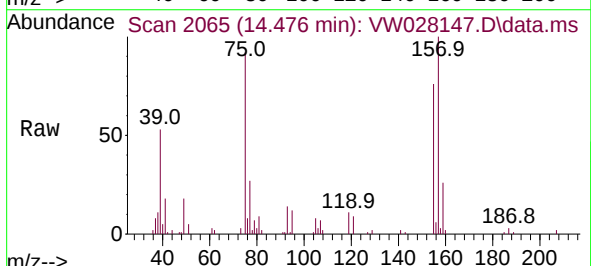
Instrument :
MSVOA_W
ClientSampleId :

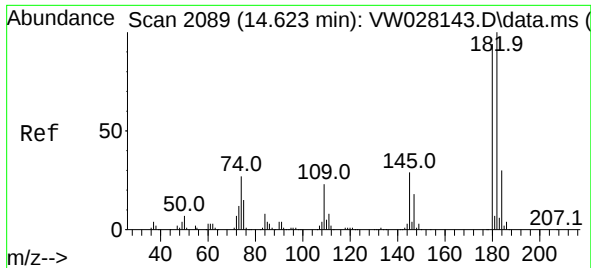
Tgt Ion:146 Resp: 168666
Ion Ratio Lower Upper
146 100
111 41.7 35.4 53.0
148 66.1 55.4 83.2



#68
1,2-Dibromo-3-chloropropane
Concen: 23.335 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028147.D
Acq: 11 Mar 2024 12:47

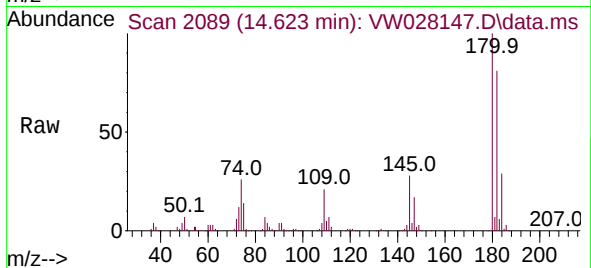
Tgt Ion: 75 Resp: 10048
Ion Ratio Lower Upper
75 100
155 82.8 69.3 103.9
157 108.4 82.4 123.6



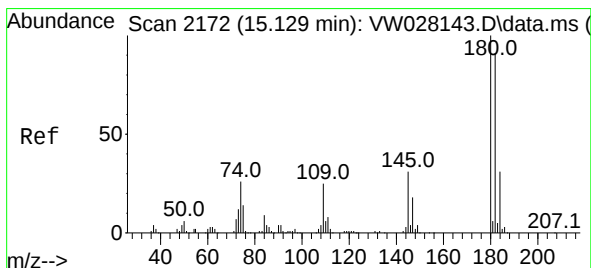
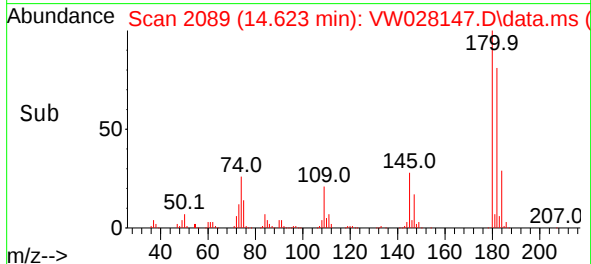
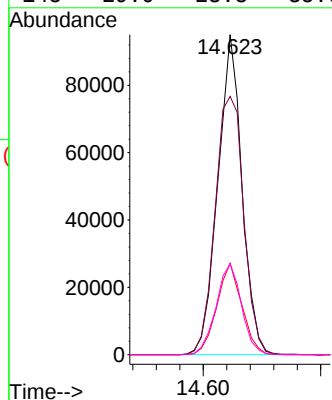


#69
 1,3,5-Trichlorobenzene
 Concen: 21.708 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW028147.D
 Acq: 11 Mar 2024 12:47

Instrument :
 MSVOA_W
 ClientSampleId :

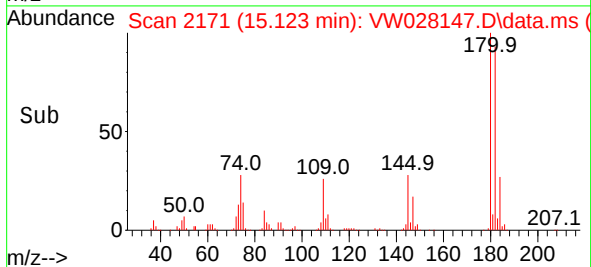
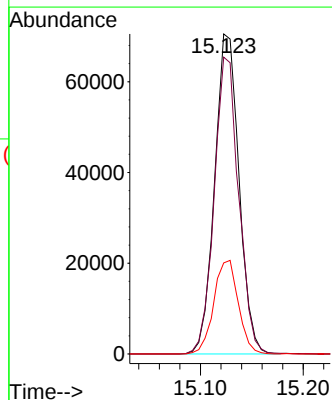
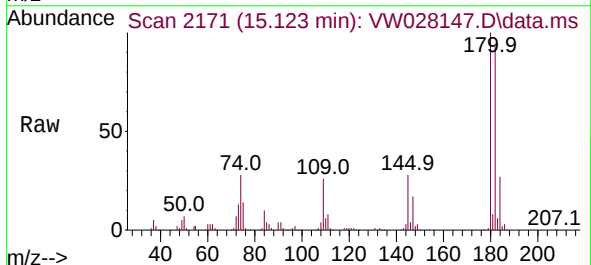


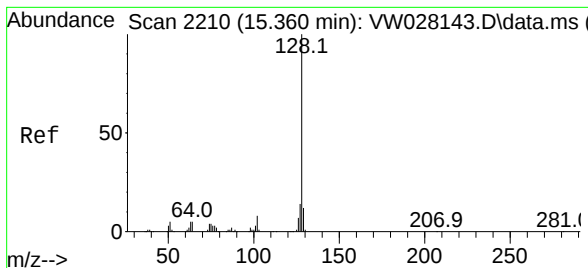
Tgt Ion:180 Resp: 135461
 Ion Ratio Lower Upper
 180 100
 182 95.6 78.2 117.4
 184 29.5 25.4 38.2
 145 29.9 23.8 35.6



#70
 1,2,4-trichlorobenzene
 Concen: 23.183 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VW028147.D
 Acq: 11 Mar 2024 12:47

Tgt Ion:180 Resp: 116175
 Ion Ratio Lower Upper
 180 100
 182 93.3 80.1 120.1
 145 29.4 24.3 36.5





#71

Naphthalene

Concen: 23.202 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

Instrument :

MSVOA_W

ClientSampleId :

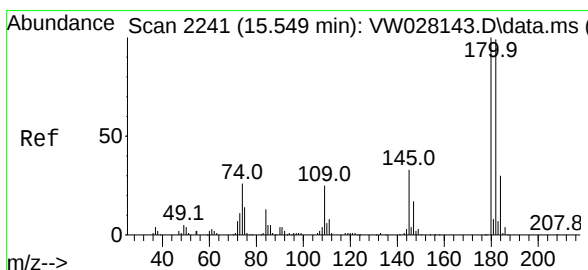
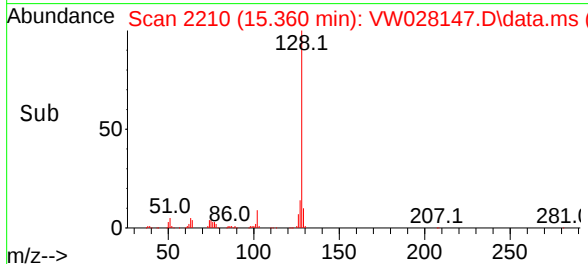
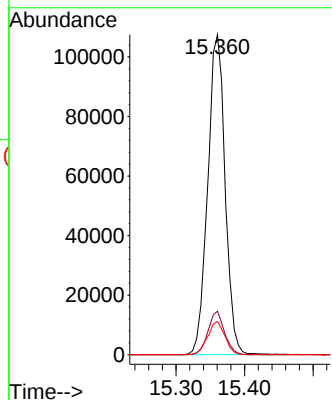
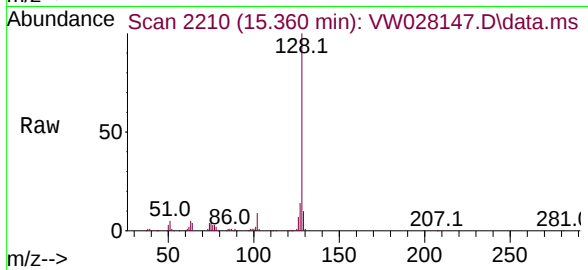
Tgt Ion:128 Resp: 190165

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.3 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 22.944 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW028147.D

Acq: 11 Mar 2024 12:47

Tgt Ion:180 Resp: 96151

Ion Ratio Lower Upper

180 100

182 96.6 81.4 122.2

145 32.3 26.2 39.2

