

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072424\
 Data File : VW029716.D
 Acq On : 24 Jul 2024 16:40
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 01:12:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 25 01:09:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	241598	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	224830	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	110455	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	153363	40.917	ug/L	0.00
7) Chloroethane-d5	2.899	69	115993	42.878	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	74523	43.880	ug/L	-0.01
21) 2-Butanone-d5	7.081	46	95186	83.627	ug/L	0.00
24) Chloroform-d	7.648	84	318384	46.948	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	184393	46.474	ug/L	0.00
32) Benzene-d6	8.276	84	621627	47.585	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	198837	47.498	ug/L	0.00
41) Toluene-d8	10.319	98	567933	49.079	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	85358	48.403	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	68743	90.328	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	149487	44.378	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	176114	46.910	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	173481	65.353	ug/L	97
3) Chloromethane	2.229	50	212345	62.581	ug/L	99
5) Vinyl chloride	2.375	62	222905	57.889	ug/L	99
6) Bromomethane	2.789	94	124862	56.301	ug/L	95
8) Chloroethane	2.936	64	130171	56.040	ug/L	96
9) Trichlorofluoromethane	3.265	101	194171	57.658	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	172670	52.613	ug/L	99
12) 1,1-Dichloroethene	4.045	96	165283	53.444	ug/L	95
13) Acetone	4.125	43	110204	92.320	ug/L	98
14) Carbon disulfide	4.387	76	567435	56.065	ug/L	99
15) Methyl Acetate	4.673	43	97321	46.690	ug/L	100
16) Methylene chloride	4.917	84	187866	42.529	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	179510	52.868	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	302297	52.274	ug/L	98
19) 1,1-Dichloroethane	6.216	63	371802	53.227	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	196395	53.136	ug/L	96
22) 2-Butanone	7.173	43	148399	94.953	ug/L	99
23) Bromochloromethane	7.514	128	82364	50.125	ug/L	92
25) Chloroform	7.679	83	349996	52.093	ug/L	98
27) 1,2-Dichloroethane	8.398	62	256929	51.323	ug/L	99
29) Cyclohexane	7.953	56	337997	58.377	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	276903	52.813	ug/L	99
31) Carbon tetrachloride	8.075	117	252792	52.449	ug/L	100
33) Benzene	8.325	78	767577	53.522	ug/L	100
34) Trichloroethene	9.087	95	193627	51.360	ug/L	96
35) Methylcyclohexane	9.337	83	345407	55.867	ug/L	98
37) 1,2-Dichloropropane	9.367	63	208155	52.422	ug/L	100
38) Bromodichloromethane	9.642	83	249260	51.600	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	323211	54.524	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	280959	101.145	ug/L	99
42) Toluene	10.386	91	802480	54.681	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	268387	53.151	ug/L	100

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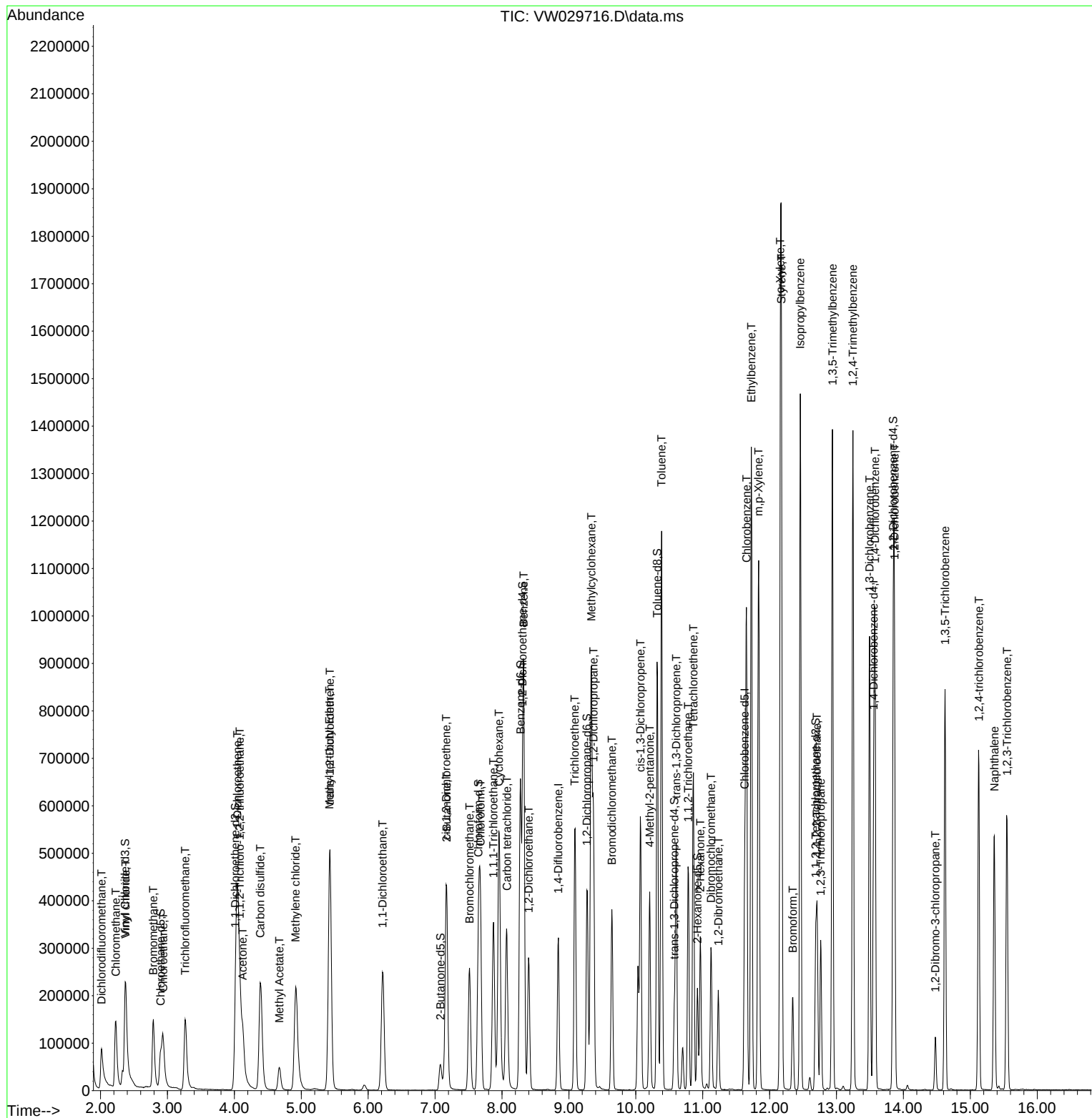
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	140937	49.852	ug/L	96
46) Tetrachloroethene	10.861	164	146240	55.248	ug/L	86
48) 2-Hexanone	10.965	43	209543	101.191	ug/L	98
49) Dibromochloromethane	11.123	129	147148	50.241	ug/L	100
50) 1,2-Dibromoethane	11.233	107	131454	48.999	ug/L	95
51) Chlorobenzene	11.654	112	473282	50.207	ug/L	99
52) Ethylbenzene	11.727	91	911004	55.055	ug/L	99
53) m,p-Xylene	11.837	106	332764	54.685	ug/L	99
54) o-Xylene	12.160	106	315569	56.249	ug/L	99
55) Styrene	12.178	104	539669	54.430	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	172161	48.363	ug/L	96
59) Bromoform	12.349	173	86558	50.066	ug/L	98
60) Isopropylbenzene	12.458	105	883613	55.247	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	128320	47.211	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	716235	62.040	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	721480	57.533	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	347249	48.767	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	344986	47.513	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	320534	49.809	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	29341	45.538	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	240529	51.277	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	202151	49.930	ug/L	97
71) Naphthalene	15.360	128	424474	49.800	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	187041	51.080	ug/L	98

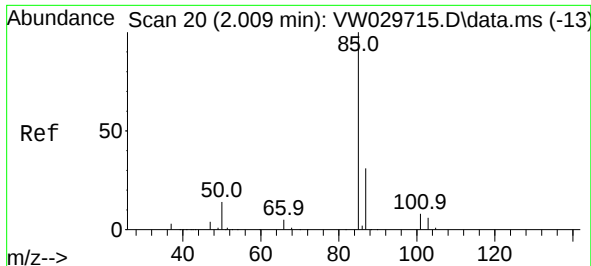
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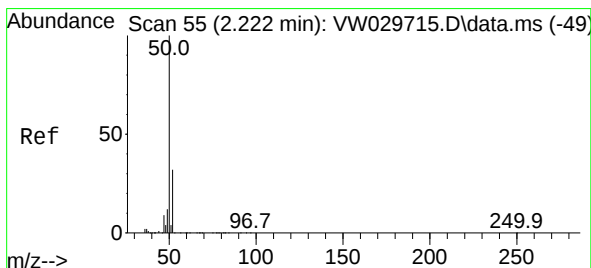
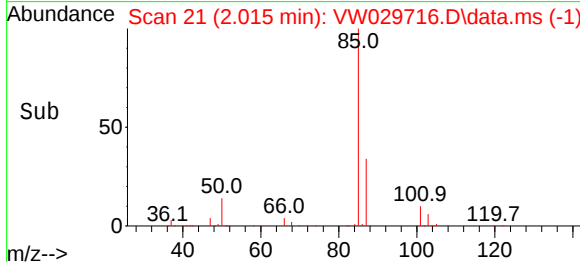
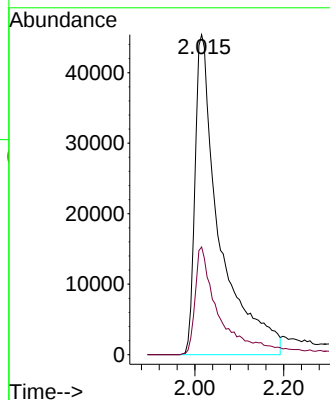
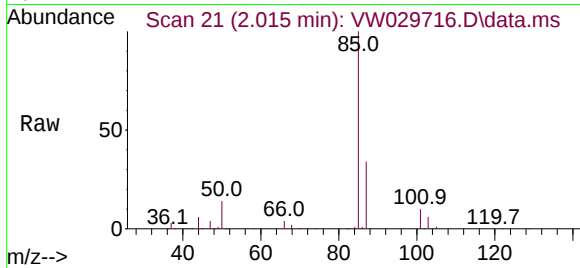




#2
 Dichlorodifluoromethane
 Concen: 65.353 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW029716.D
 Acq: 24 Jul 2024 16:40

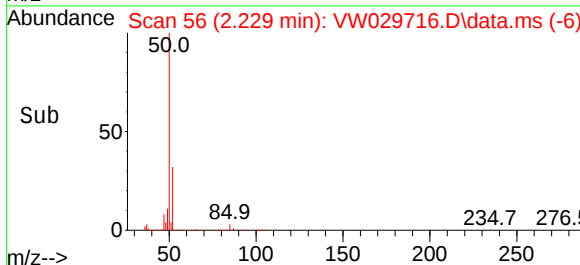
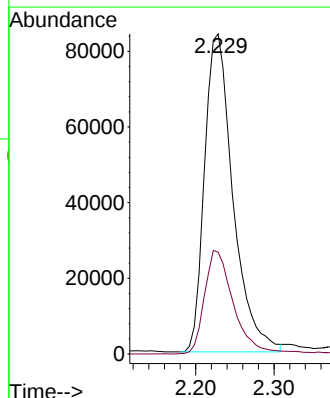
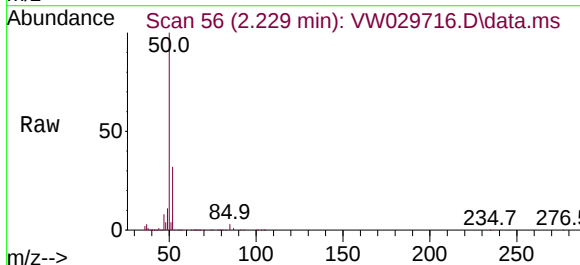
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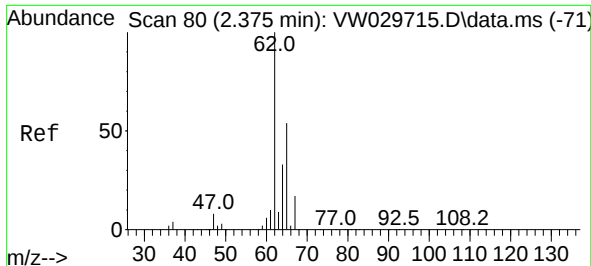
Tgt Ion: 85 Resp: 173481
 Ion Ratio Lower Upper
 85 100
 87 30.0 25.5 38.3



#3
 Chloromethane
 Concen: 62.581 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW029716.D
 Acq: 24 Jul 2024 16:40

Tgt Ion: 50 Resp: 212345
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.5 41.9

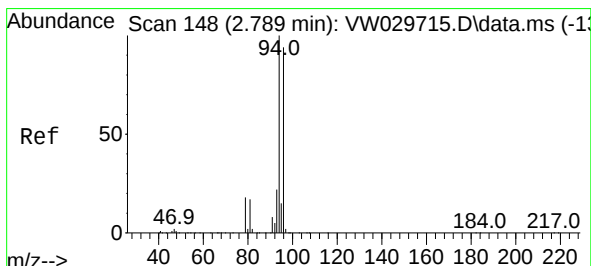
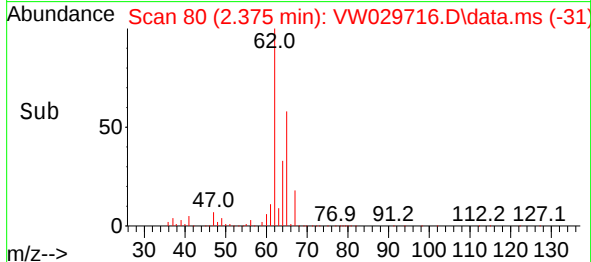
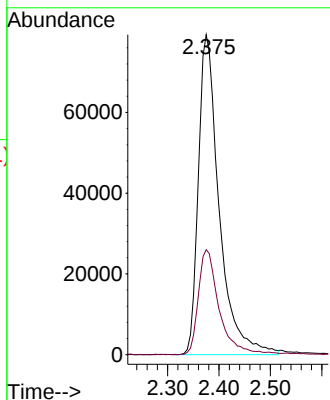
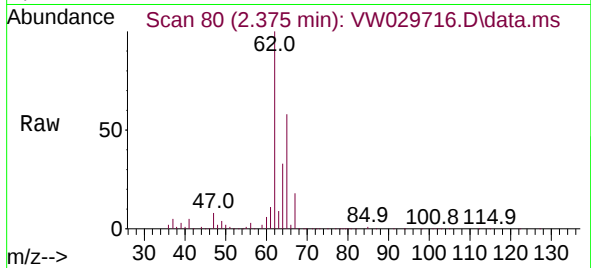




#5
 Vinyl chloride
 Concen: 57.889 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029716.D
 Acq: 24 Jul 2024 16:40

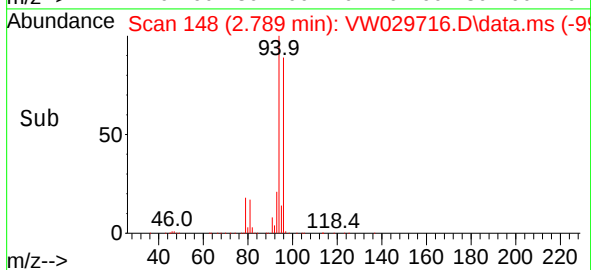
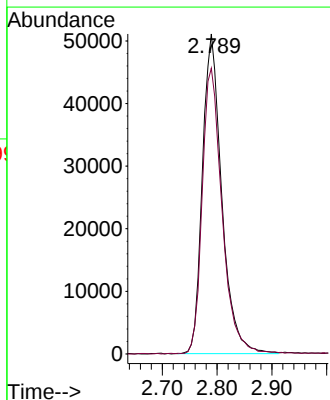
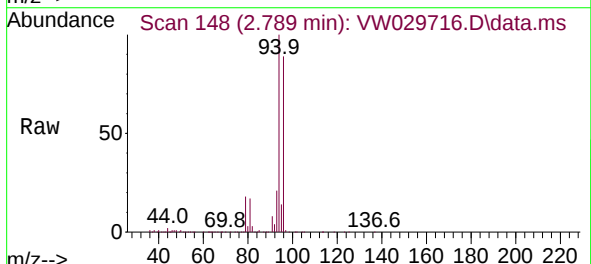
Instrument :
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 ClientSampleId :

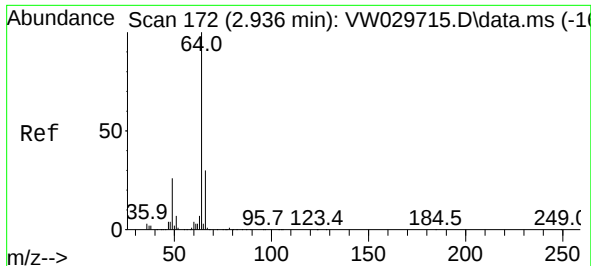
Tgt Ion: 62 Resp: 222905
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.2 43.2



#6
 Bromomethane
 Concen: 56.301 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029716.D
 Acq: 24 Jul 2024 16:40

Tgt Ion: 94 Resp: 124862
 Ion Ratio Lower Upper
 94 100
 96 89.3 66.2 123.0

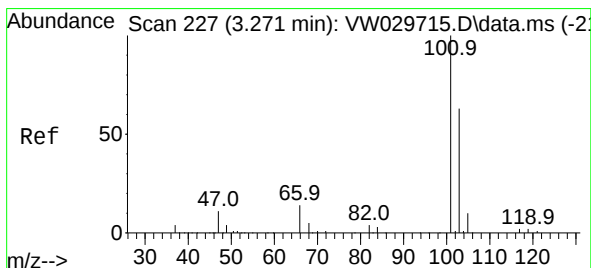
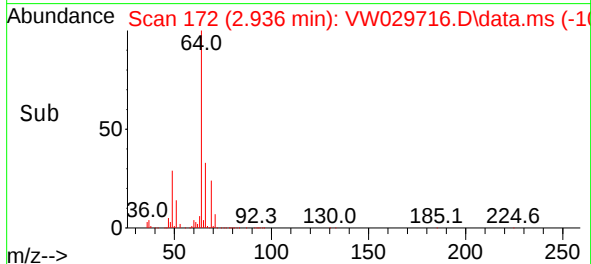
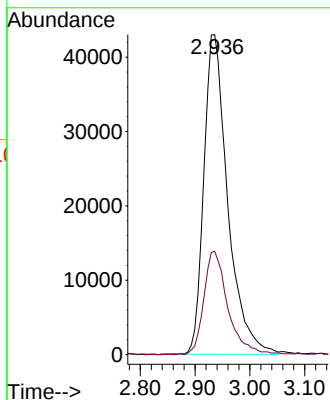
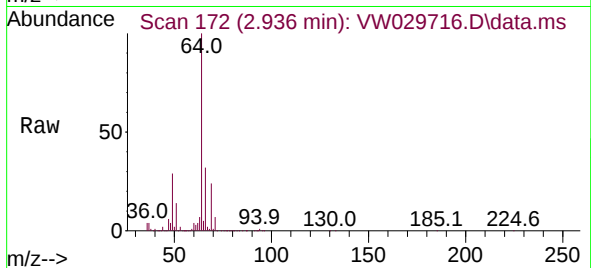




#8
Chloroethane
Concen: 56.040 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

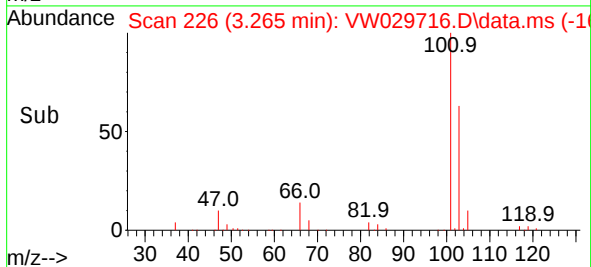
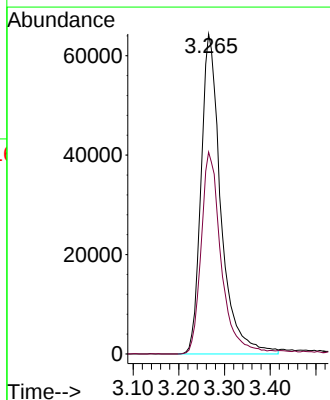
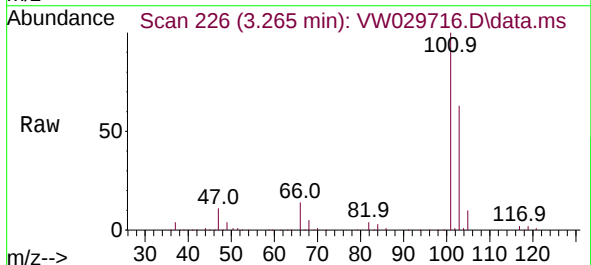
Instrument :
MSVOA_W
ClientSampleId :

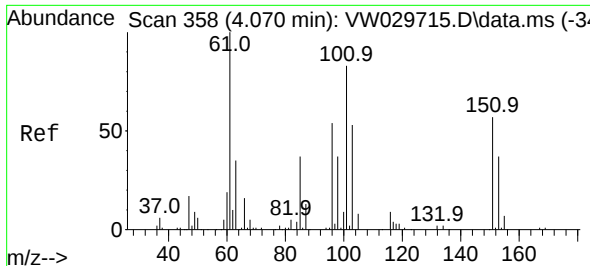
Tgt Ion: 64 Resp: 130171
Ion Ratio Lower Upper
64 100
66 32.3 21.2 39.4



#9
Trichlorofluoromethane
Concen: 57.658 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

Tgt Ion:101 Resp: 194171
Ion Ratio Lower Upper
101 100
103 63.3 51.0 76.4





#10

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

Concen: 52.613 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

Instrument :

MSVOA_W

ClientSampleId :

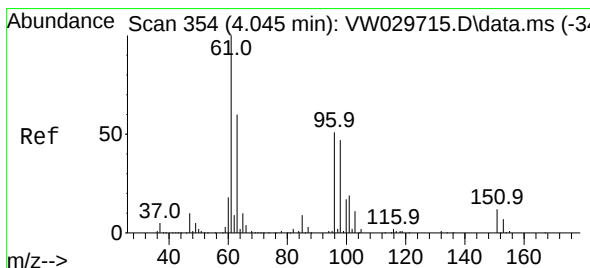
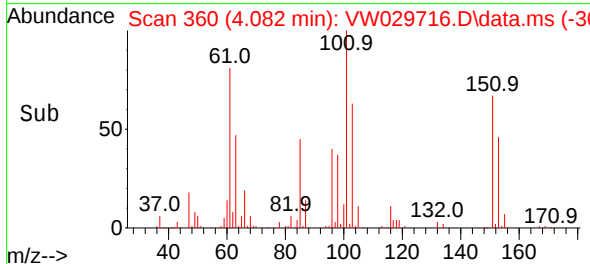
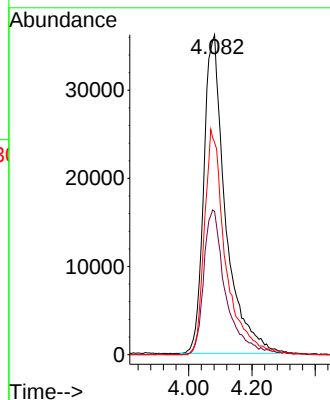
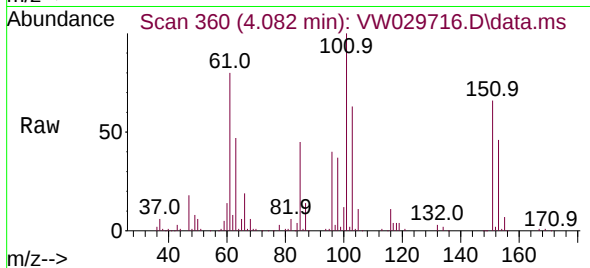
Tgt Ion:101 Resp: 172670

Ion Ratio Lower Upper

101 100

85 45.0 34.2 51.4

151 67.5 54.2 81.2



#12

1,1-Dichloroethene

Concen: 53.444 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

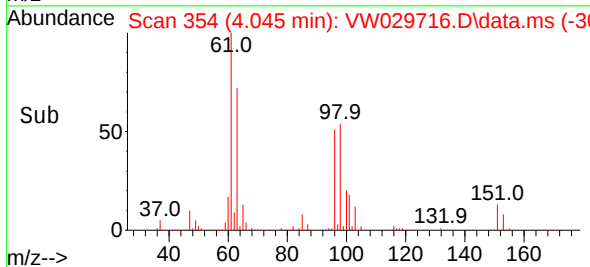
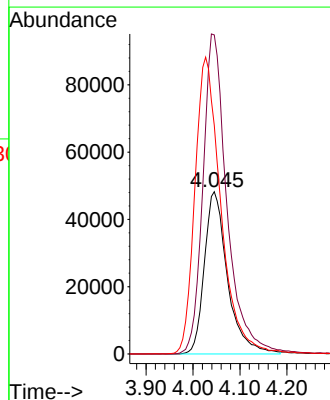
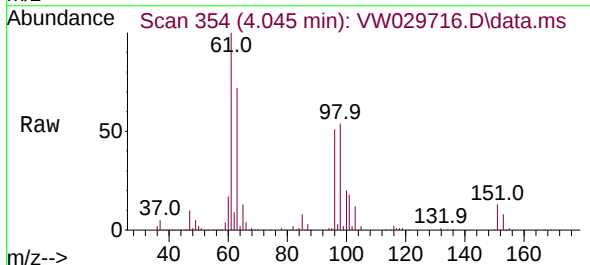
Tgt Ion: 96 Resp: 165283

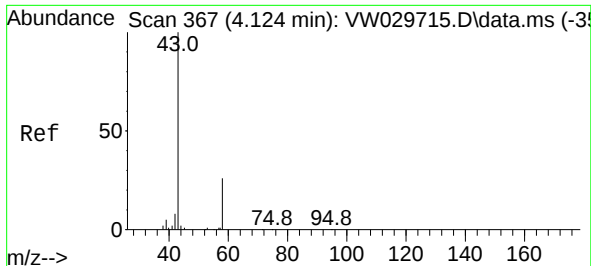
Ion Ratio Lower Upper

96 100

61 196.7 138.3 256.9

63 141.0 89.0 165.4

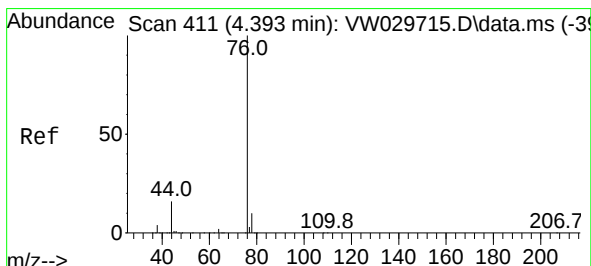
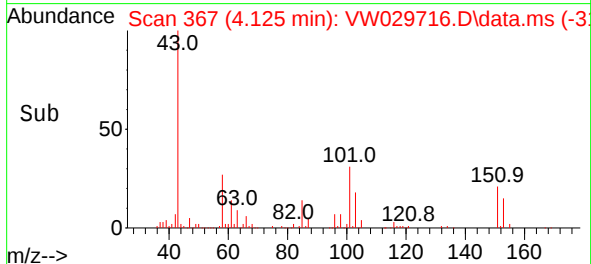
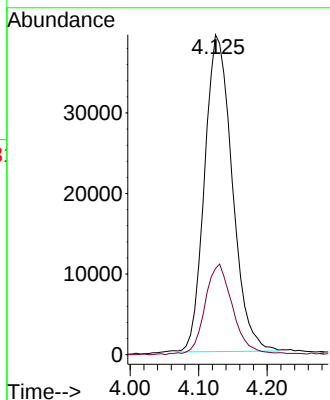
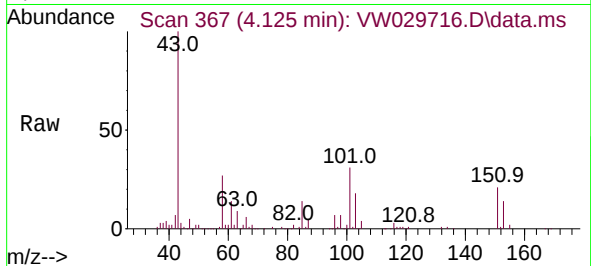




#13
Acetone
Concen: 92.320 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

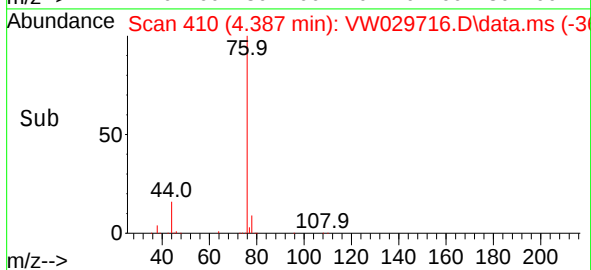
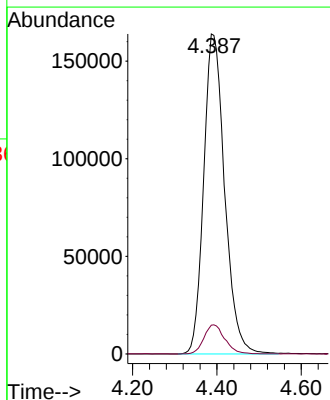
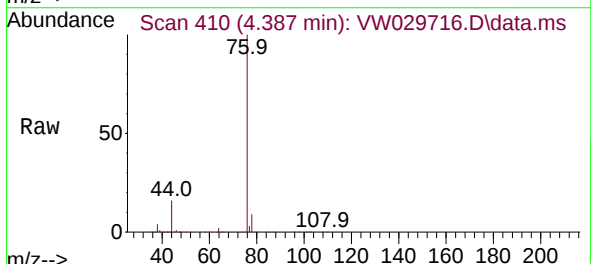
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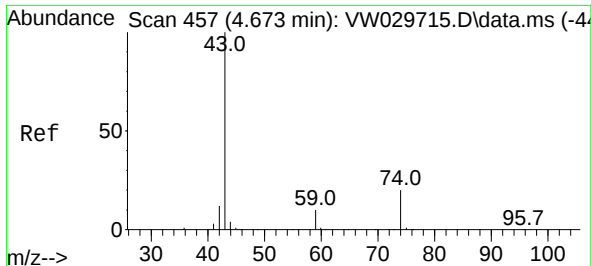
Tgt Ion: 43 Resp: 110204
Ion Ratio Lower Upper
43 100
58 27.7 0.0 57.6



#14
Carbon disulfide
Concen: 56.065 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

Tgt Ion: 76 Resp: 567435
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

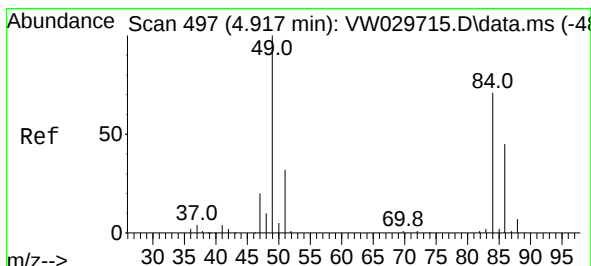
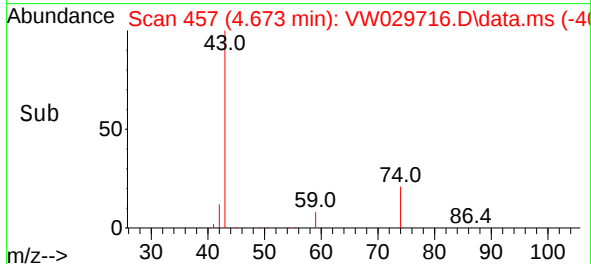
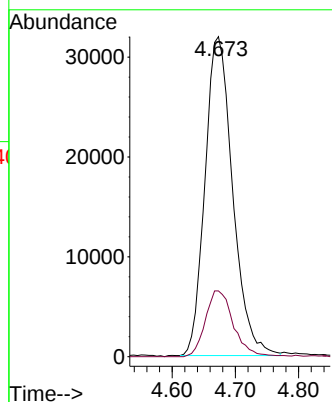
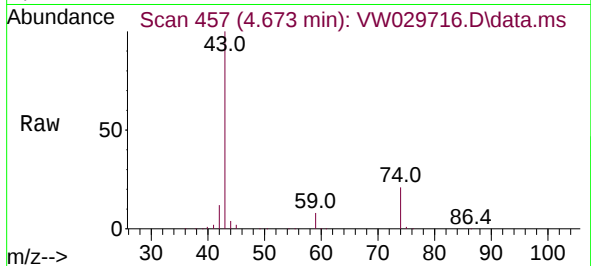




#15
Methyl Acetate
Concen: 46.690 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

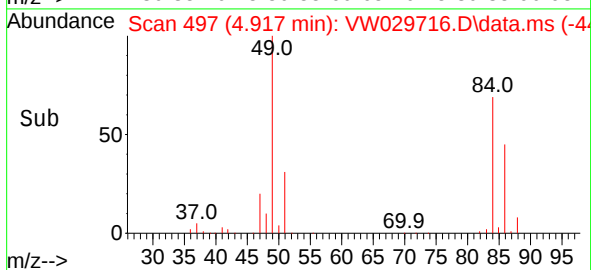
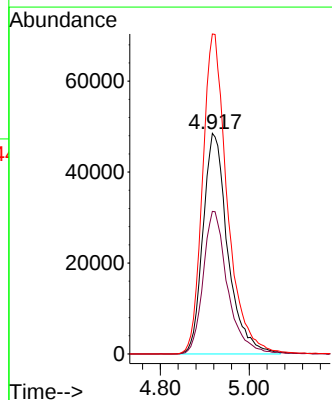
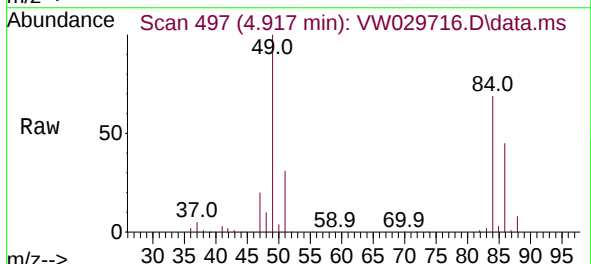
Instrument :
MSVOA_W
ClientSampleId :

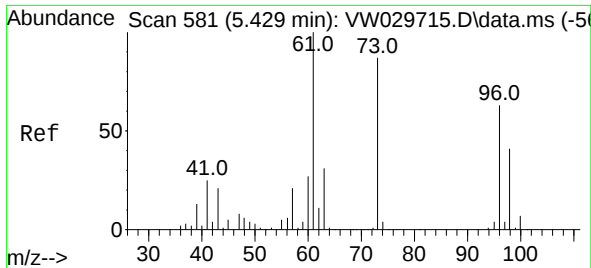
Tgt Ion: 43 Resp: 97321
Ion Ratio Lower Upper
43 100
74 20.8 16.5 24.7



#16
Methylene chloride
Concen: 42.529 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

Tgt Ion: 84 Resp: 187866
Ion Ratio Lower Upper
84 100
86 64.6 44.7 82.9
49 145.0 99.0 184.0

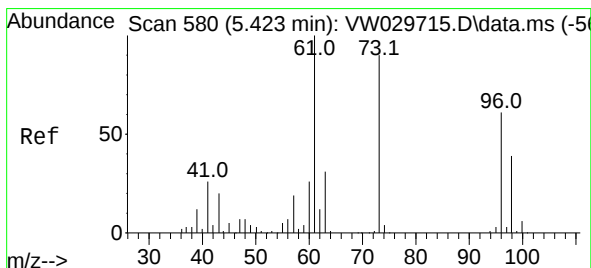
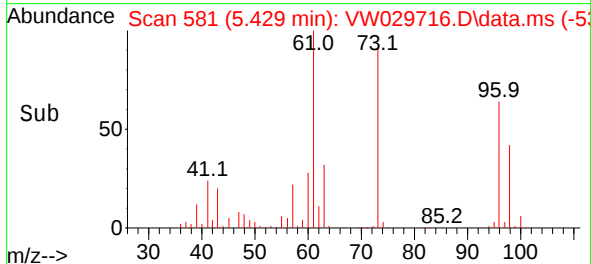
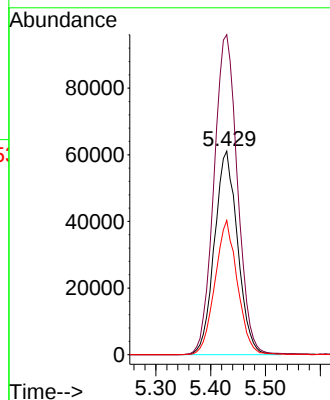
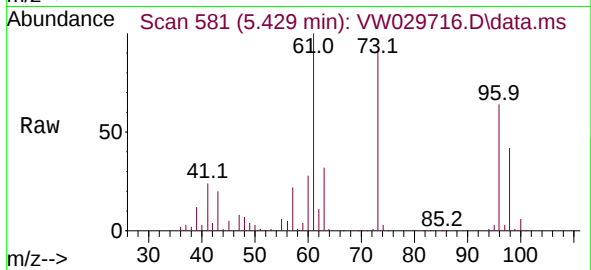




#17
trans-1,2-Dichloroethene
Concen: 52.868 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

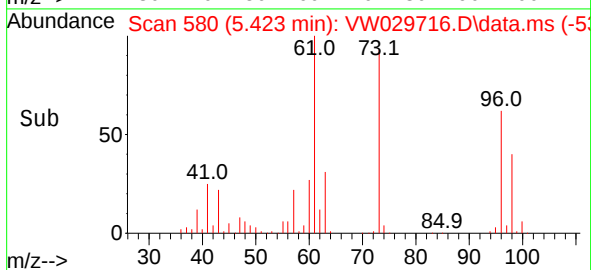
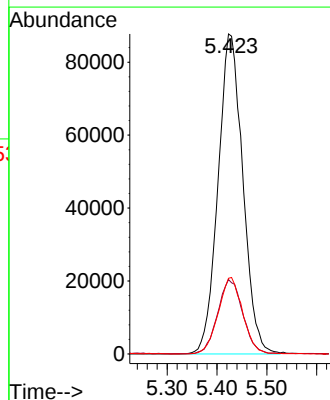
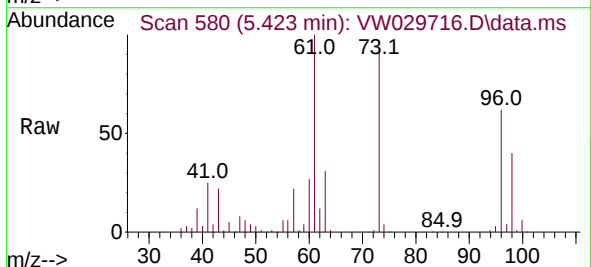
Instrument :
MSVOA_W
ClientSampleId :

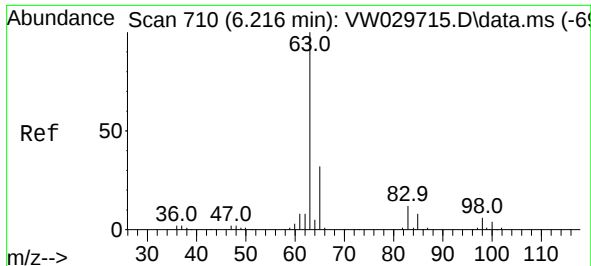
Tgt Ion: 96 Resp: 179510
Ion Ratio Lower Upper
96 100
61 157.2 111.2 206.6
98 65.9 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 52.274 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

Tgt Ion: 73 Resp: 302297
Ion Ratio Lower Upper
73 100
43 23.2 18.3 27.5
57 23.6 17.9 26.9





#19

1,1-Dichloroethane

Concen: 53.227 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

Instrument :

MSVOA_W

ClientSampleId :

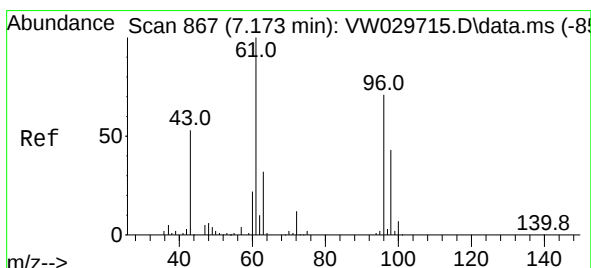
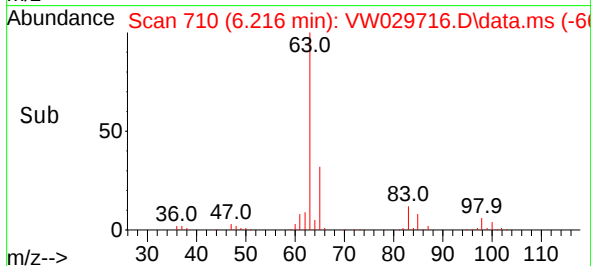
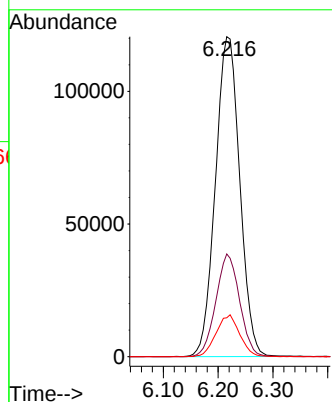
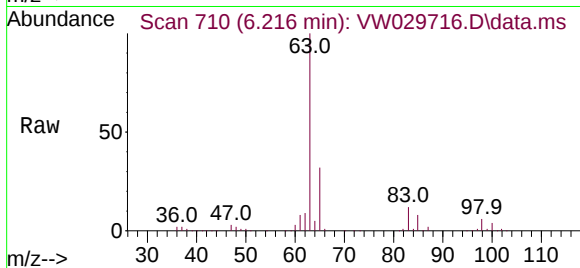
Tgt Ion: 63 Resp: 371802

Ion Ratio Lower Upper

63 100

65 32.1 22.3 41.3

83 12.2 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 53.136 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

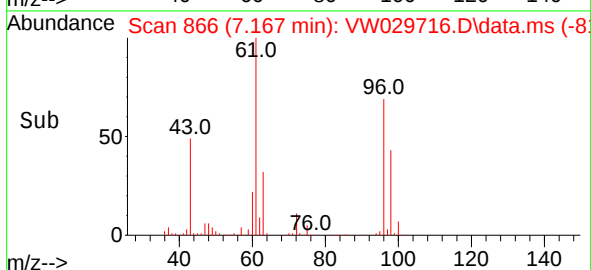
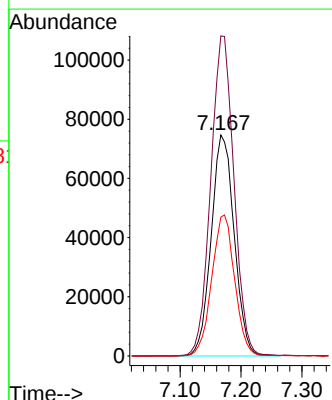
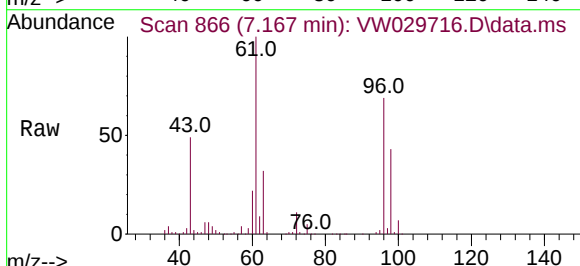
Tgt Ion: 96 Resp: 196395

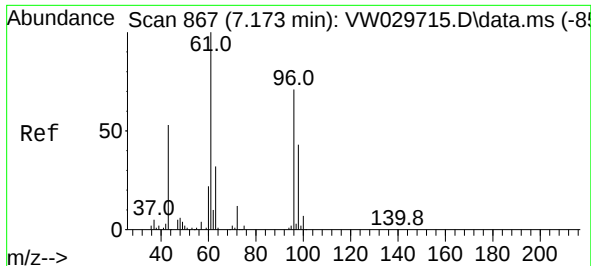
Ion Ratio Lower Upper

96 100

61 144.9 98.2 182.4

98 62.9 41.9 77.9





#22

2-Butanone

Concen: 94.953 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

Instrument :

MSVOA_W

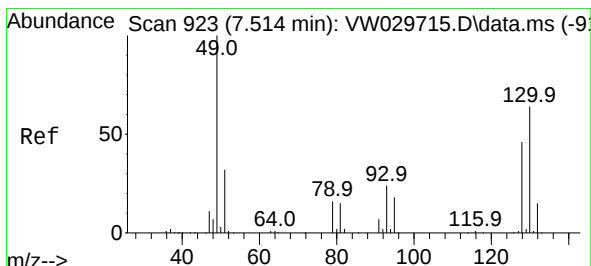
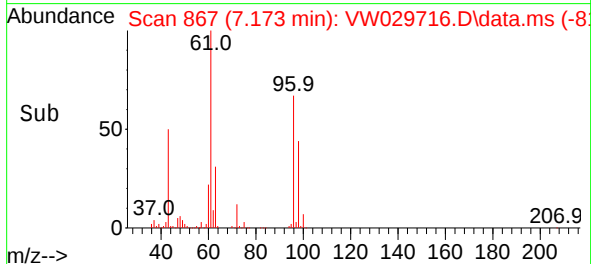
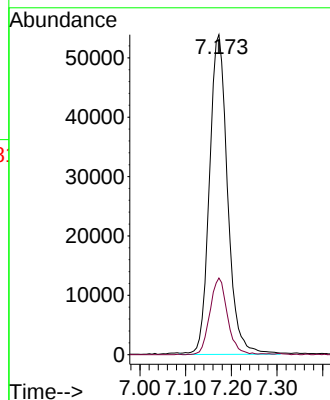
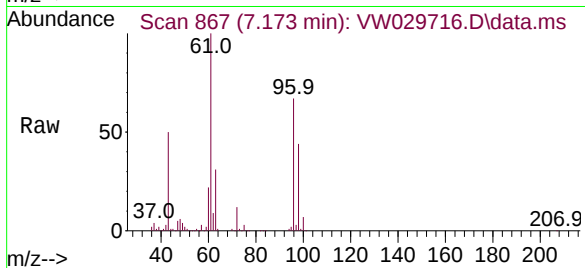
ClientSampleId :

Tgt Ion: 43 Resp: 148399

Ion Ratio Lower Upper

43 100

72 23.1 11.7 35.1



#23

Bromochloromethane

Concen: 50.125 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

Tgt Ion: 128 Resp: 82364

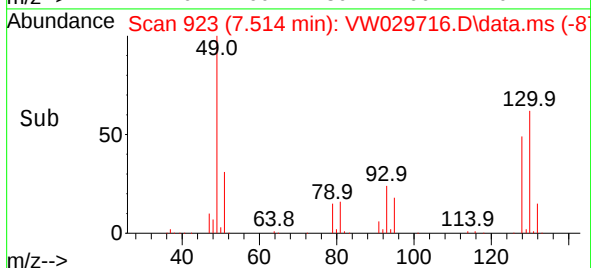
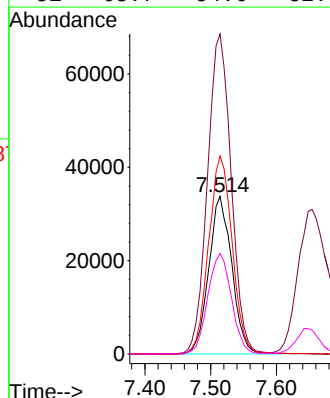
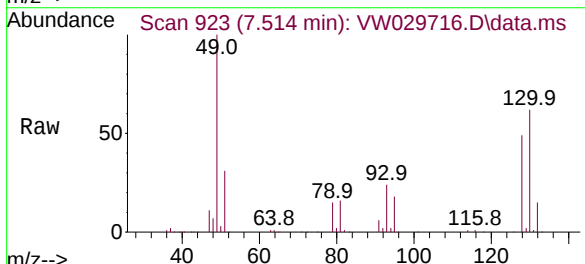
Ion Ratio Lower Upper

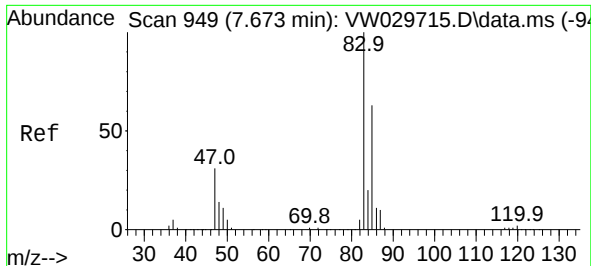
128 100

49 203.1 151.1 280.7

130 125.6 96.8 179.8

51 63.7 54.6 82.0





#25

Chloroform

Concen: 52.093 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

Instrument :

MSVOA_W

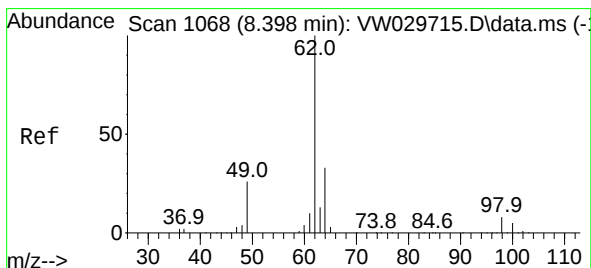
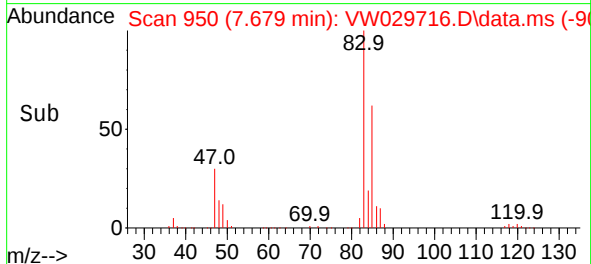
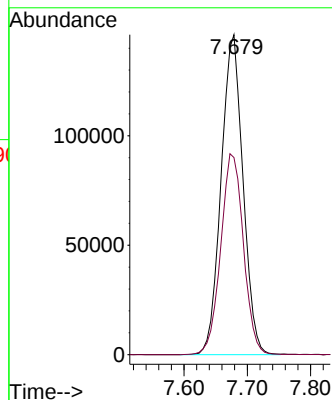
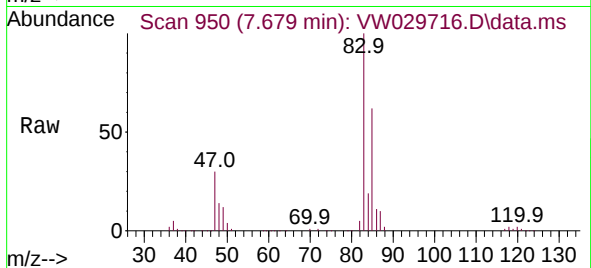
ClientSampleId :

Tgt Ion: 83 Resp: 349996

Ion Ratio Lower Upper

83 100

85 61.6 44.4 82.4



#27

1,2-Dichloroethane

Concen: 51.323 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029716.D

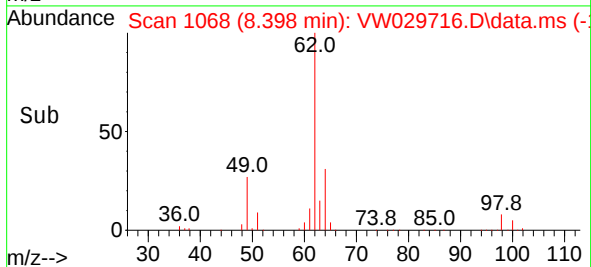
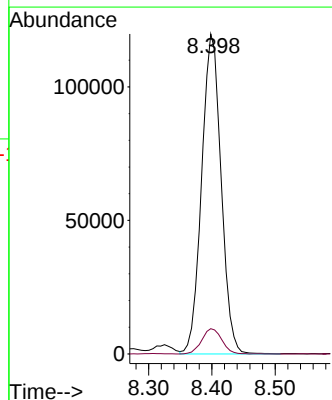
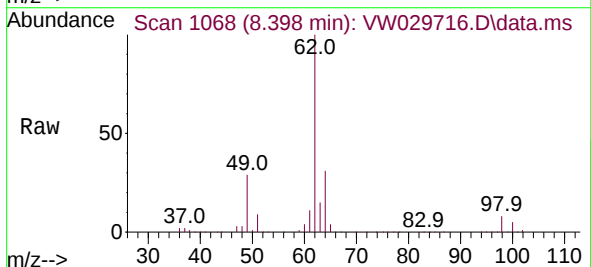
Acq: 24 Jul 2024 16:40

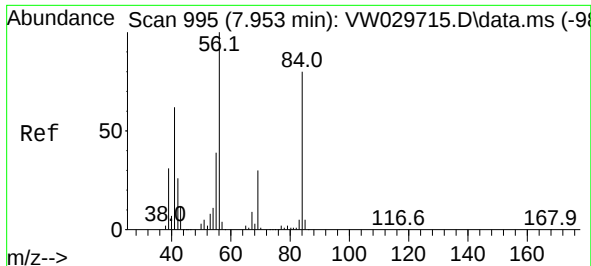
Tgt Ion: 62 Resp: 256929

Ion Ratio Lower Upper

62 100

98 7.9 6.6 10.0





#29

Cyclohexane

Concen: 58.377 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

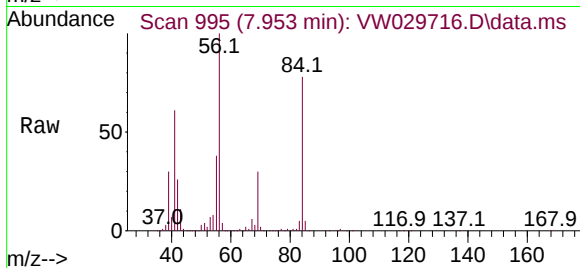
Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

Instrument :

MSVOA_W

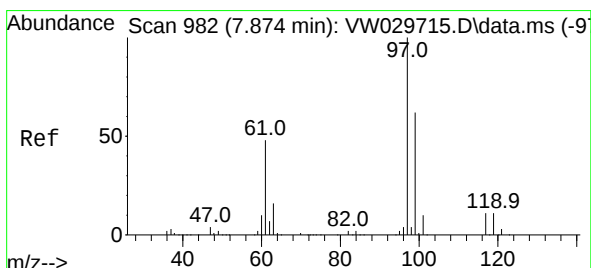
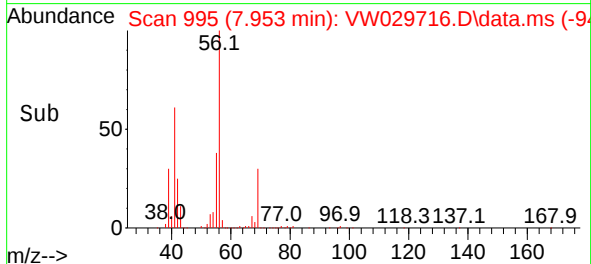
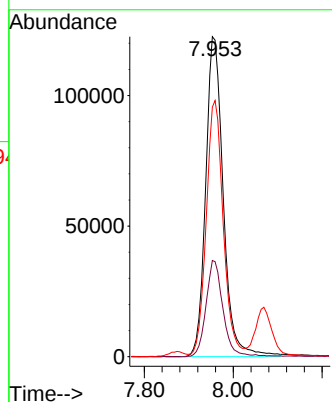
ClientSampleId :



Tgt Ion: 56 Resp: 337997

Ion Ratio Lower Upper

56	100		
69	28.7	23.0	34.4
84	77.2	63.5	95.3



#30

1,1,1-Trichloroethane

Concen: 52.813 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

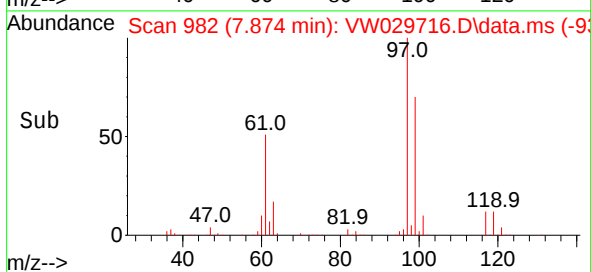
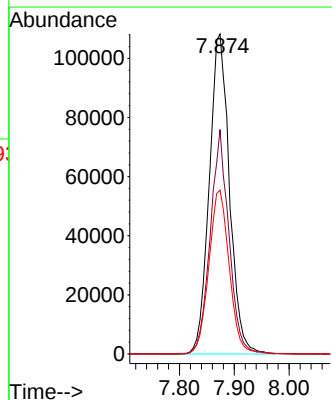
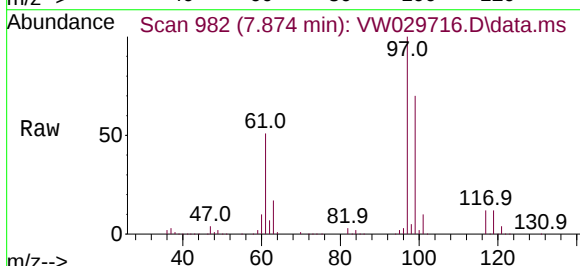
Lab File: VW029716.D

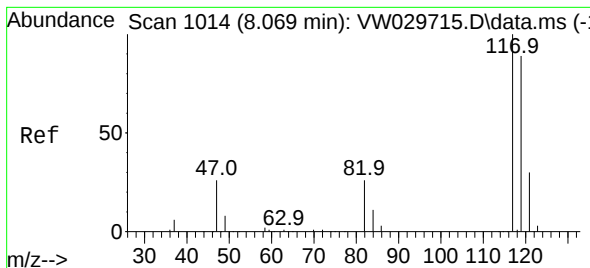
Acq: 24 Jul 2024 16:40

Tgt Ion: 97 Resp: 276903

Ion Ratio Lower Upper

97	100		
99	64.6	52.1	78.1
61	51.8	42.6	63.8





#31

Carbon tetrachloride

Concen: 52.449 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

Instrument :

MSVOA_W

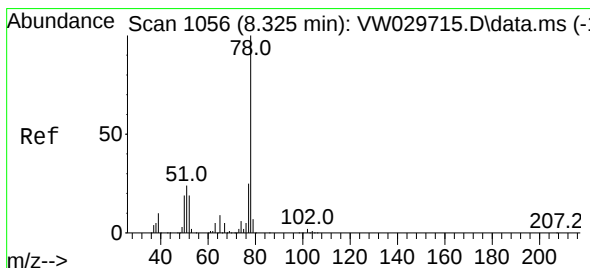
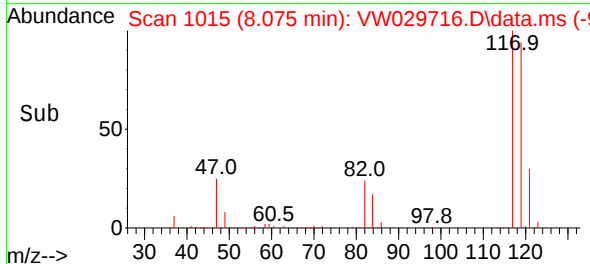
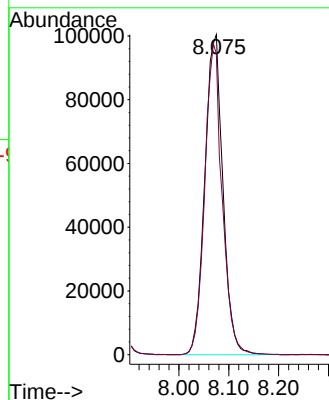
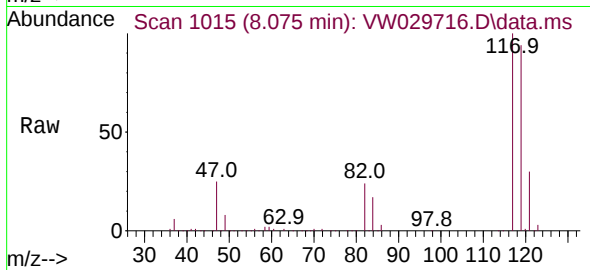
ClientSampleId :

Tgt Ion:117 Resp: 252792

Ion Ratio Lower Upper

117 100

119 93.8 74.8 112.2



#33

Benzene

Concen: 53.522 ug/L

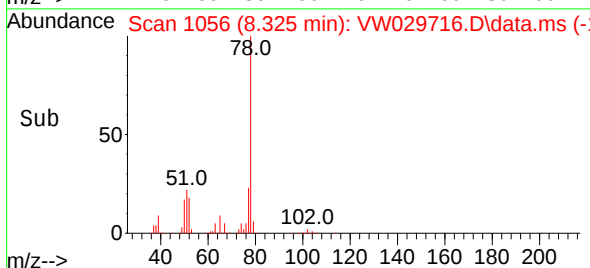
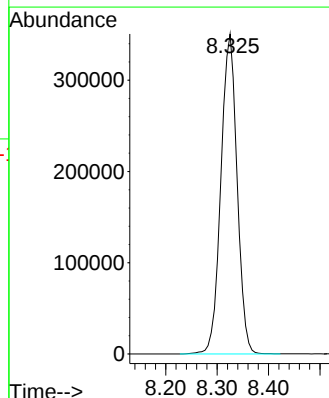
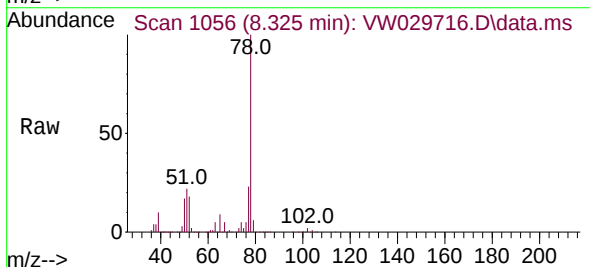
RT: 8.325 min Scan# 1056

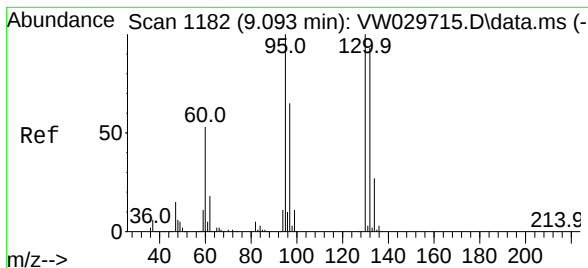
Delta R.T. 0.000 min

Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

Tgt Ion: 78 Resp: 767577





#34

Trichloroethene

Concen: 51.360 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 193627

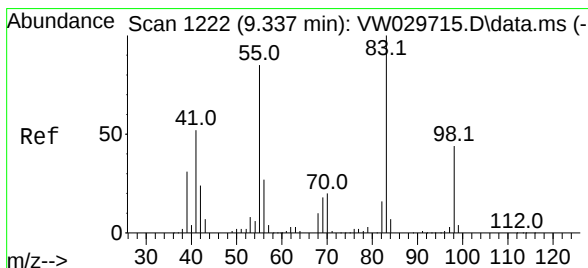
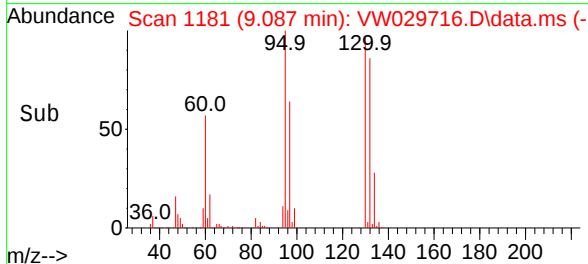
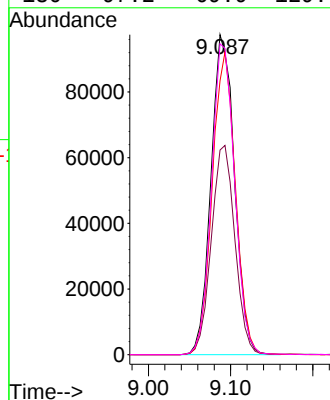
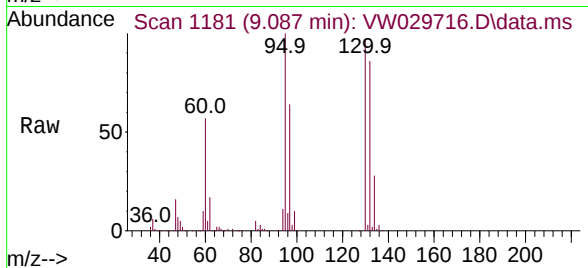
Ion Ratio Lower Upper

95 100

97 64.0 45.6 84.8

132 85.6 65.2 121.0

130 97.2 69.9 129.7



#35

Methylcyclohexane

Concen: 55.867 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

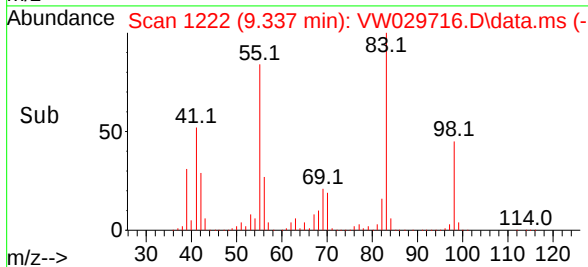
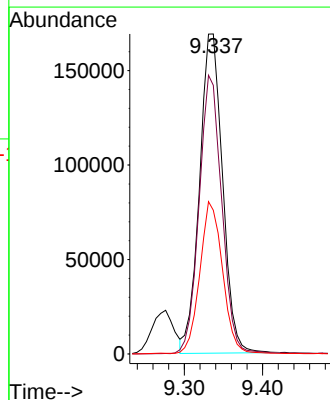
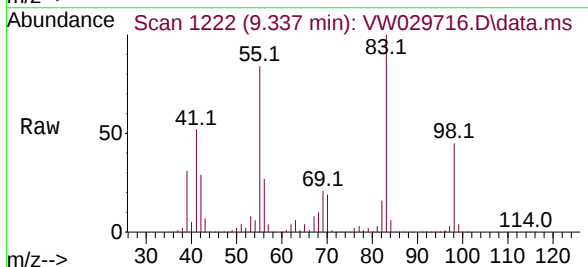
Tgt Ion: 83 Resp: 345407

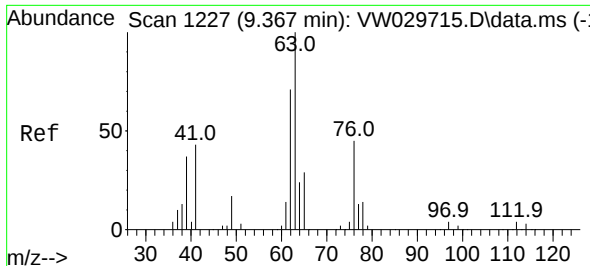
Ion Ratio Lower Upper

83 100

55 86.4 67.4 101.2

98 47.4 36.7 55.1





#37

1,2-Dichloropropane

Concen: 52.422 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

Instrument :

MSVOA_W

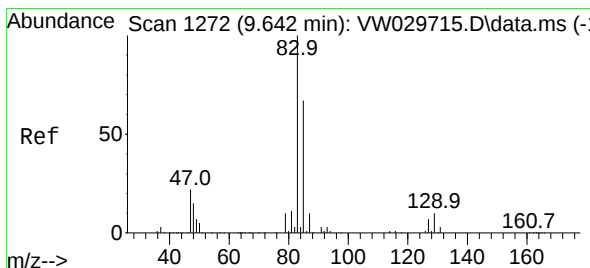
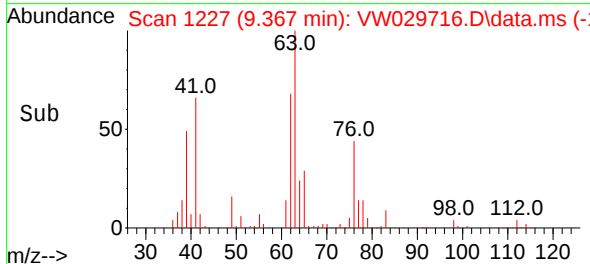
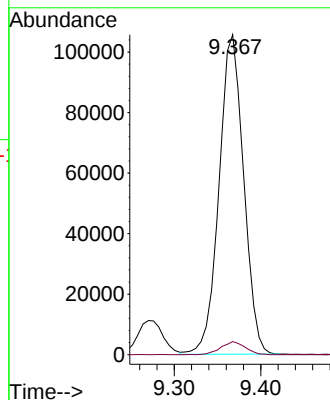
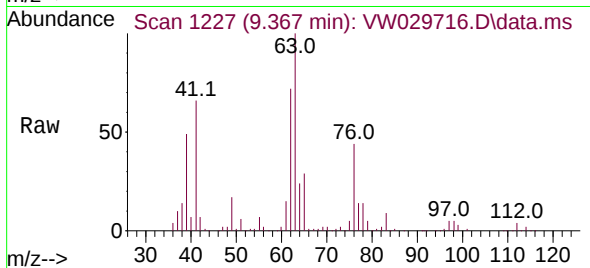
ClientSampleId :

Tgt Ion: 63 Resp: 208155

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 51.600 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

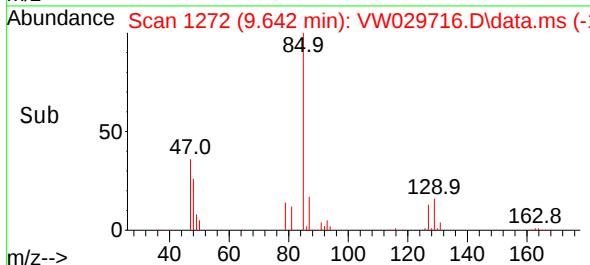
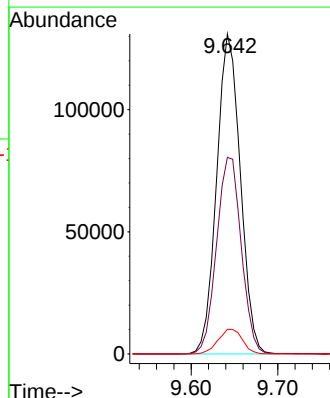
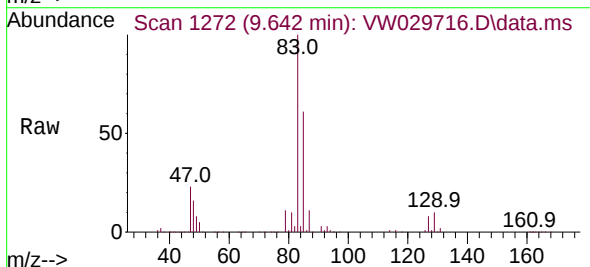
Tgt Ion: 83 Resp: 249260

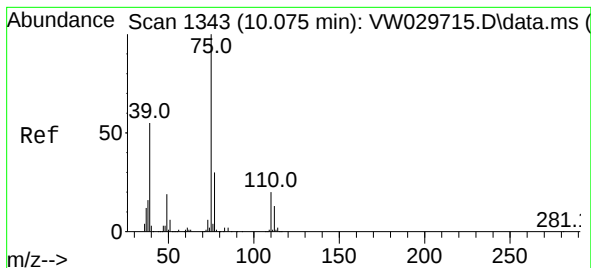
Ion Ratio Lower Upper

83 100

85 61.4 46.6 86.6

127 7.7 5.9 8.9

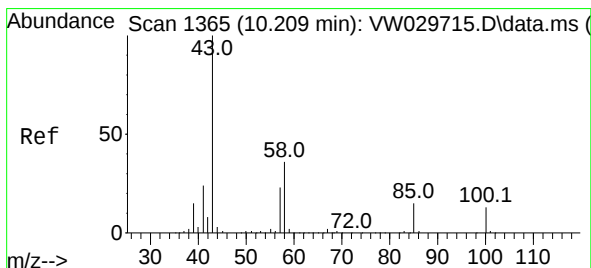
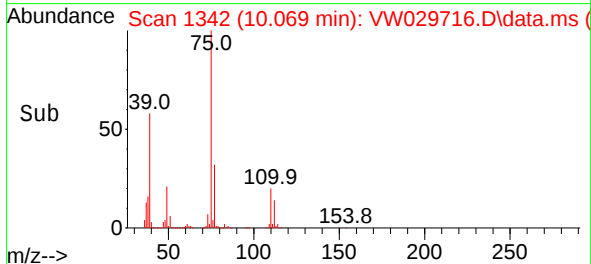
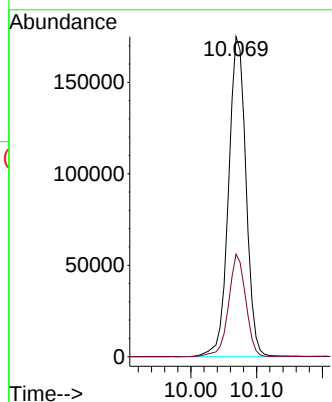
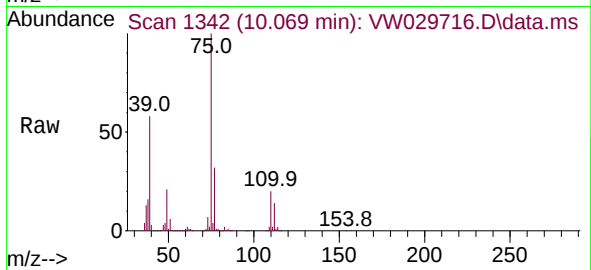




#39
cis-1,3-Dichloropropene
Concen: 54.524 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

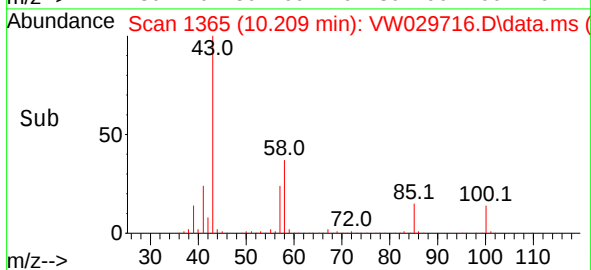
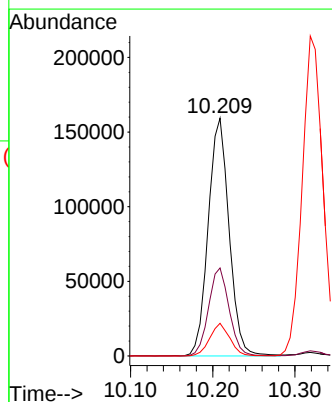
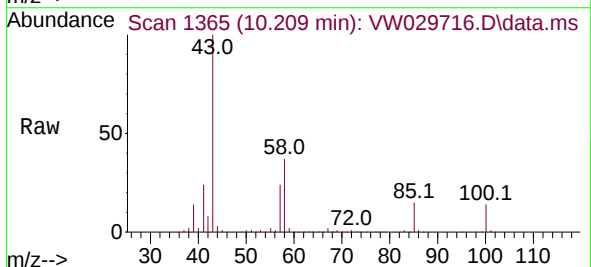
Instrument :
MSVOA_W
ClientSampleId :

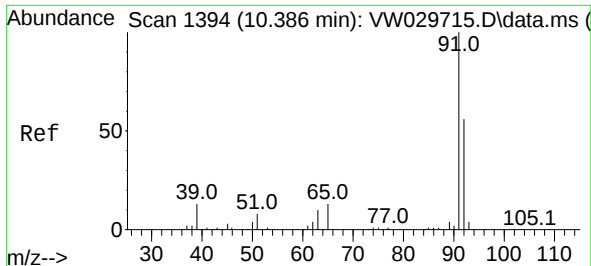
Tgt Ion: 75 Resp: 323211
Ion Ratio Lower Upper
75 100
77 32.0 20.8 38.6



#40
4-Methyl-2-pentanone
Concen: 101.145 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

Tgt Ion: 43 Resp: 280959
Ion Ratio Lower Upper
43 100
58 36.6 28.7 43.1
100 13.2 10.0 15.0

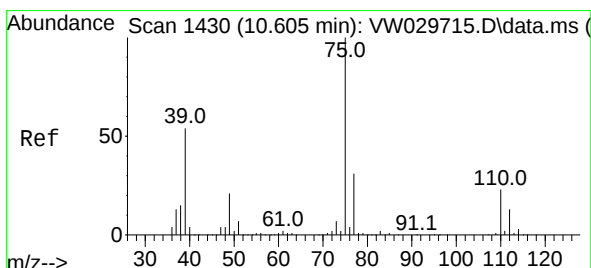
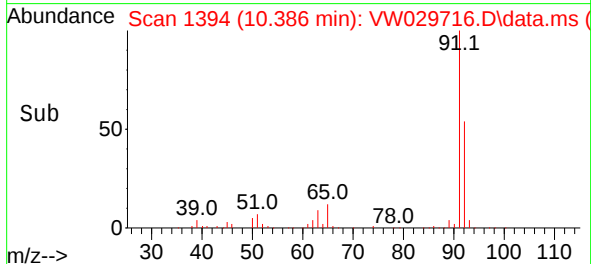
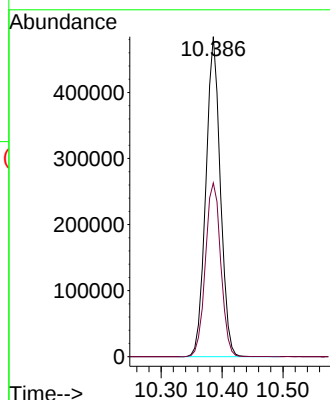
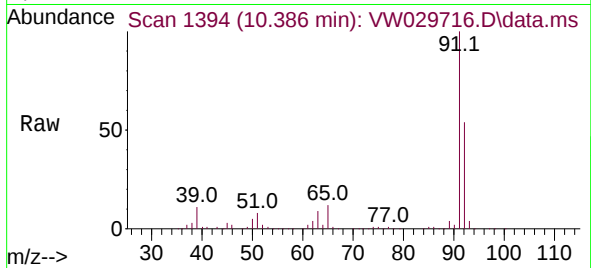




#42
Toluene
Concen: 54.681 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

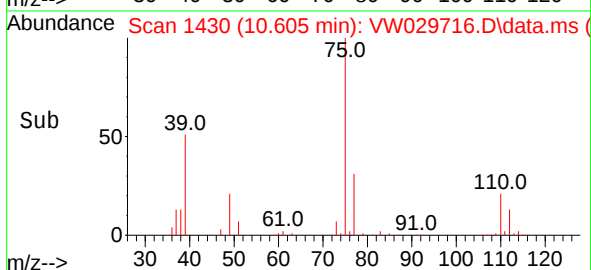
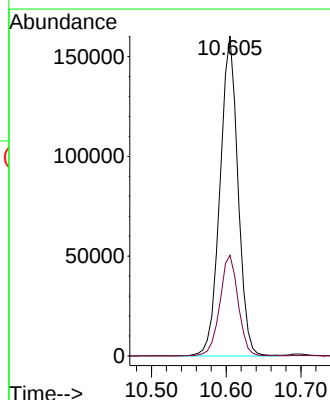
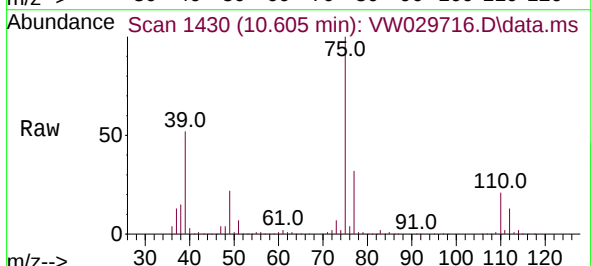
Instrument :
MSVOA_W
ClientSampleId :

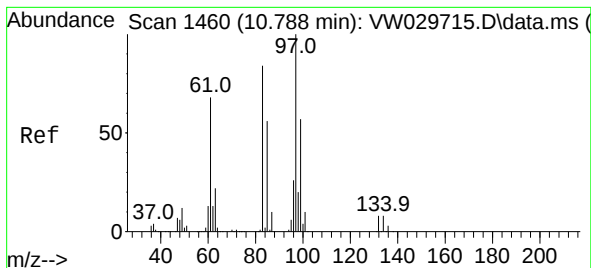
Tgt Ion: 91 Resp: 802480
Ion Ratio Lower Upper
91 100
92 54.3 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 53.151 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

Tgt Ion: 75 Resp: 268387
Ion Ratio Lower Upper
75 100
77 31.5 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 49.852 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

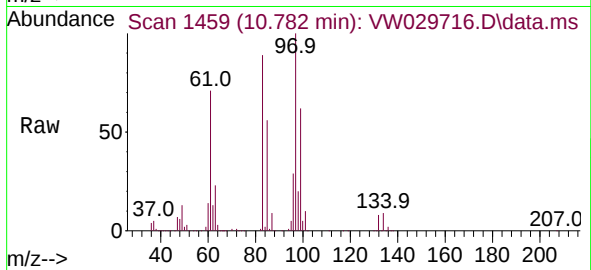
Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 140937

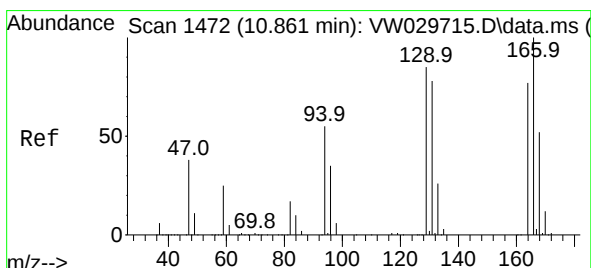
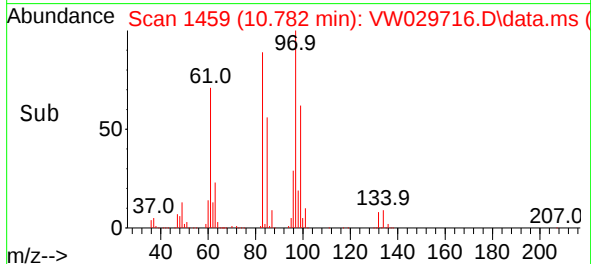
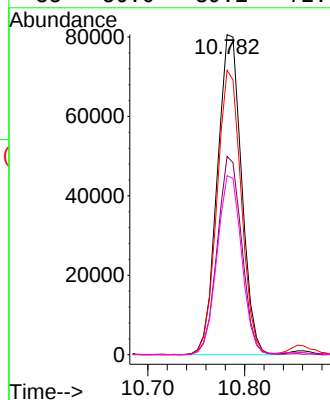
Ion Ratio Lower Upper

97 100

99 62.0 40.1 74.5

83 88.9 58.5 108.7

85 56.0 39.1 72.7



#46

Tetrachloroethene

Concen: 55.248 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

Tgt Ion:164 Resp: 146240

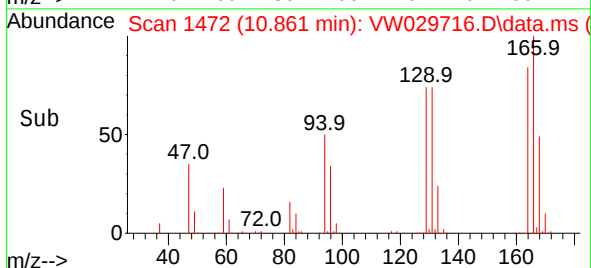
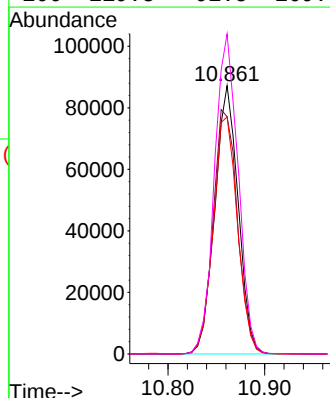
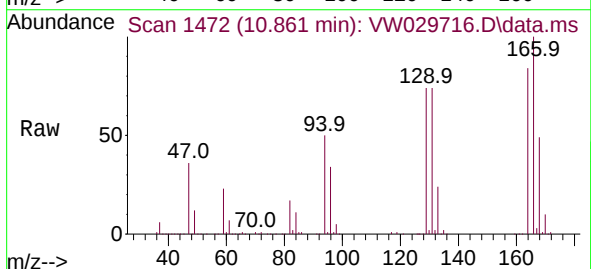
Ion Ratio Lower Upper

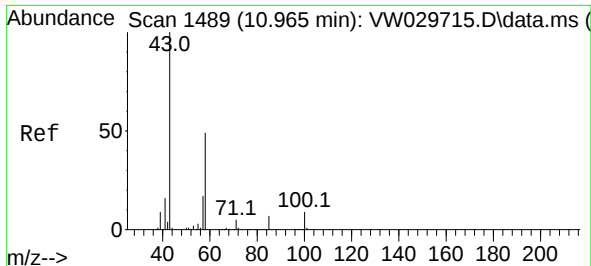
164 100

129 88.5 77.8 144.6

131 88.4 70.9 131.7

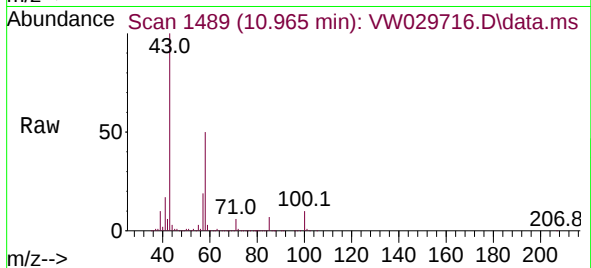
166 119.3 91.5 169.9



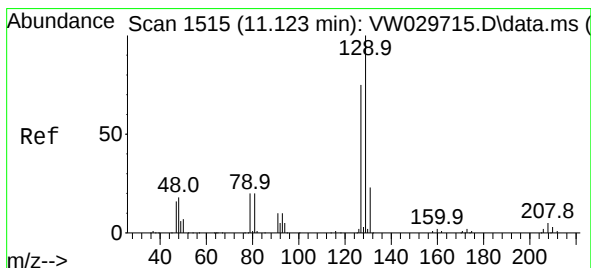
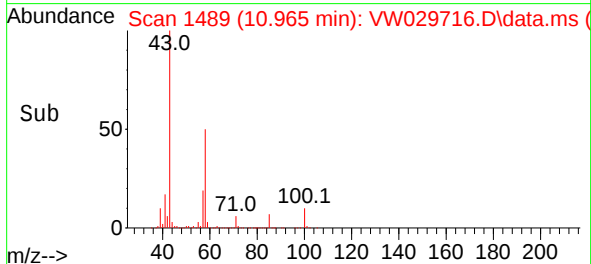
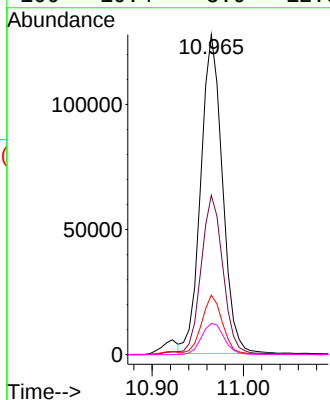


#48
2-Hexanone
Concen: 101.191 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

Instrument :
MSVOA_W
ClientSampleId :

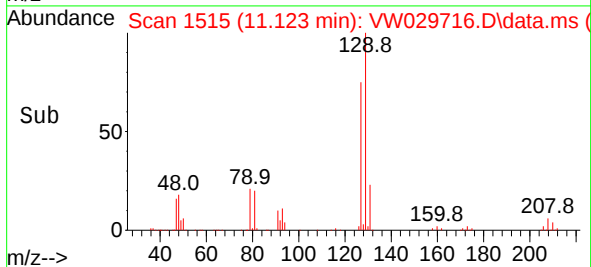
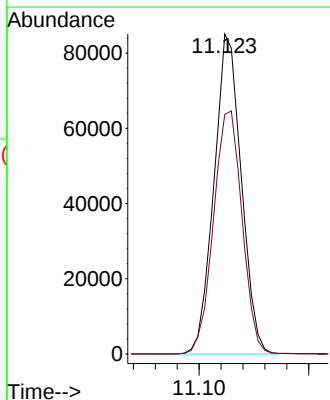
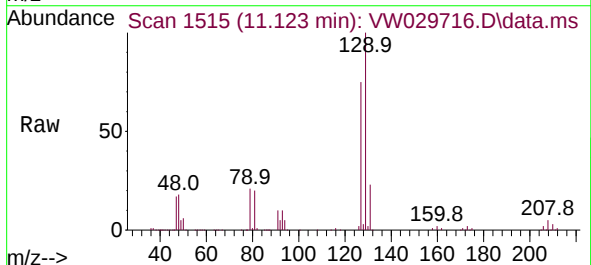


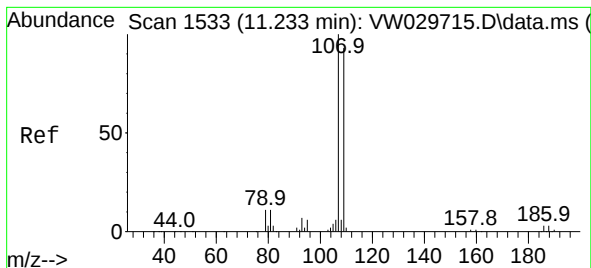
Tgt Ion: 43 Resp: 209543
Ion Ratio Lower Upper
43 100
58 50.1 41.0 61.4
57 18.3 14.1 21.1
100 10.4 8.0 12.0



#49
Dibromochloromethane
Concen: 50.241 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

Tgt Ion:129 Resp: 147148
Ion Ratio Lower Upper
129 100
127 74.8 52.4 97.2





#50

1,2-Dibromoethane

Concen: 48.999 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

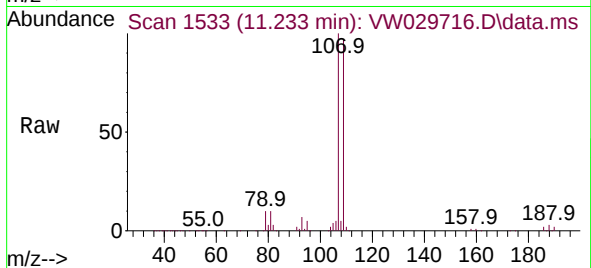
Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

Instrument :

MSVOA_W

ClientSampleId :



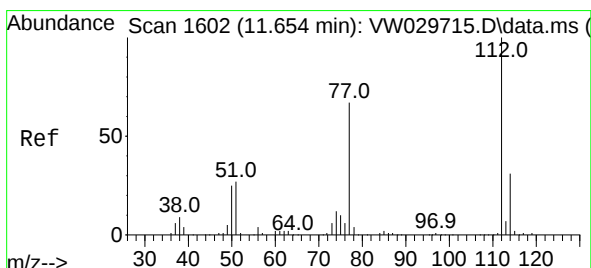
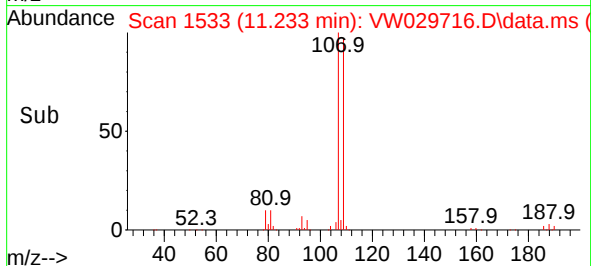
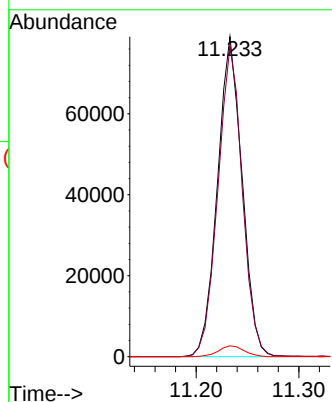
Tgt Ion:107 Resp: 131454

Ion Ratio Lower Upper

107 100

109 97.1 64.8 120.3

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 50.207 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

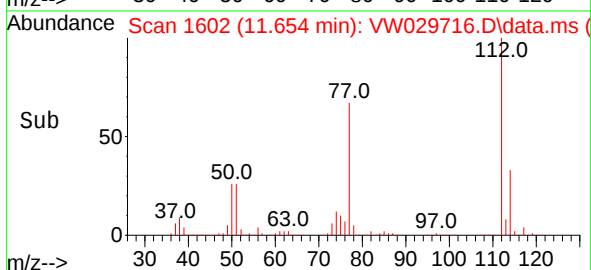
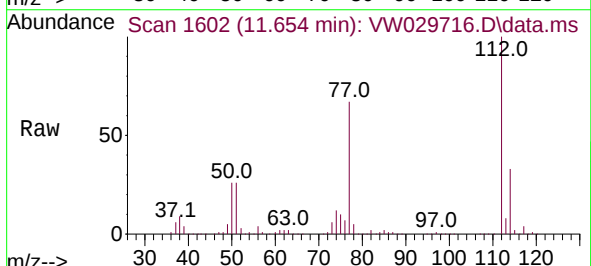
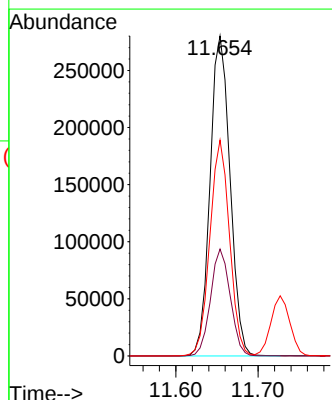
Tgt Ion:112 Resp: 473282

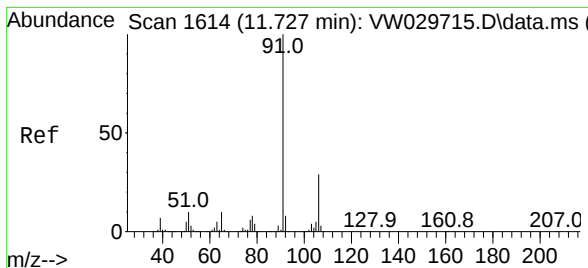
Ion Ratio Lower Upper

112 100

114 33.4 22.0 40.8

77 67.5 53.8 80.8

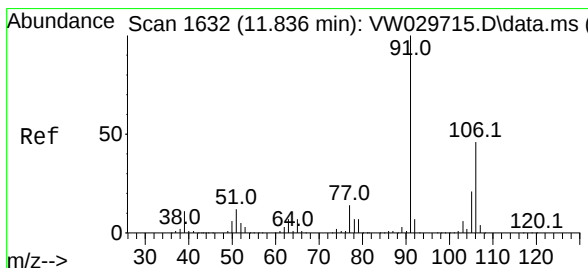
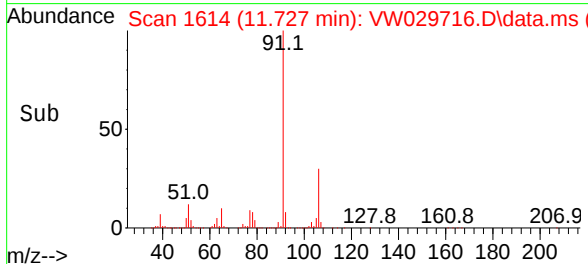
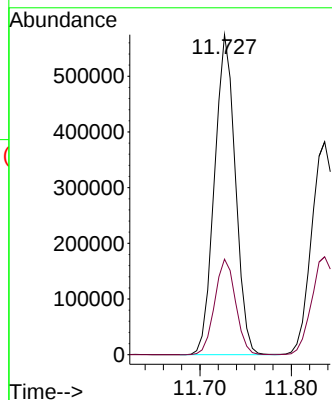
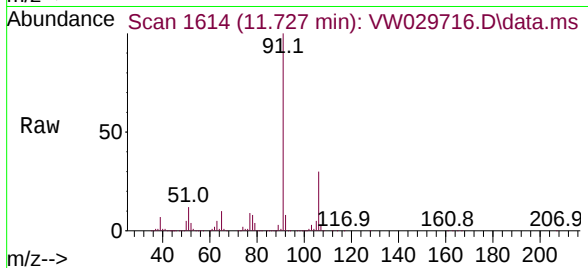




#52
Ethylbenzene
Concen: 55.055 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

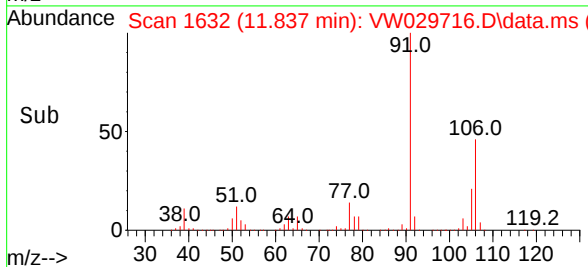
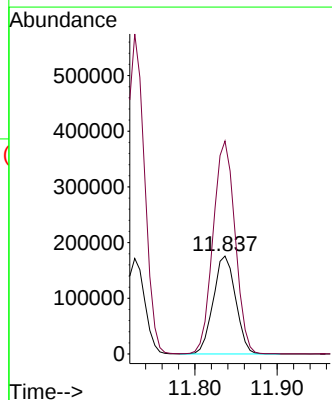
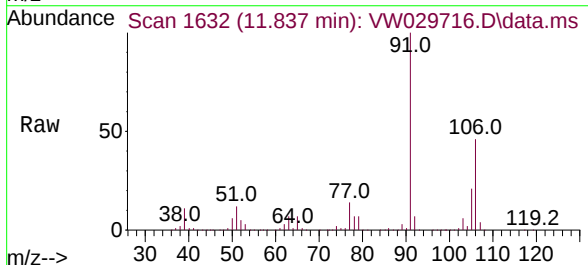
Instrument :
MSVOA_W
ClientSampleId :

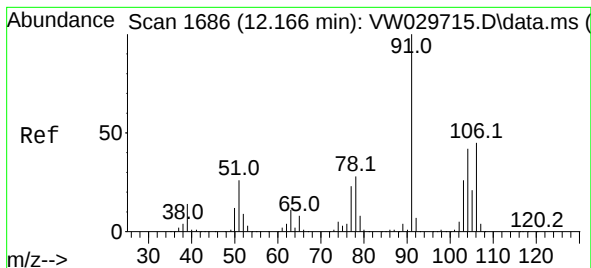
Tgt Ion: 91 Resp: 911004
Ion Ratio Lower Upper
91 100
106 29.9 20.4 38.0



#53
m,p-Xylene
Concen: 54.685 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

Tgt Ion:106 Resp: 332764
Ion Ratio Lower Upper
106 100
91 217.3 151.4 281.2





#54

o-Xylene

Concen: 56.249 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

Instrument :

MSVOA_W

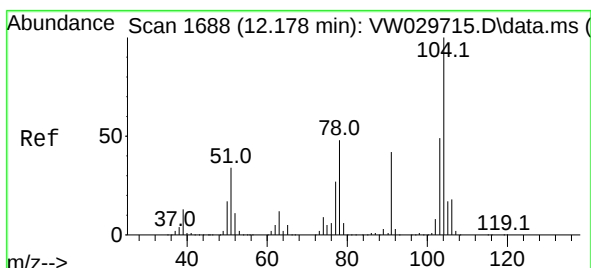
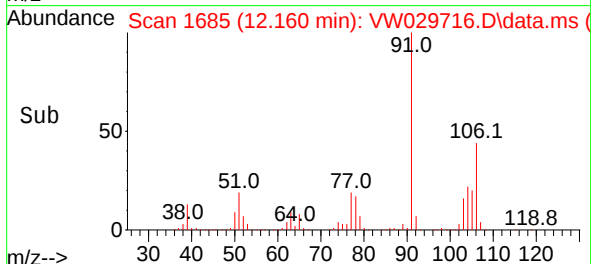
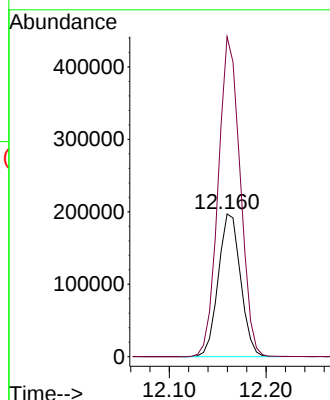
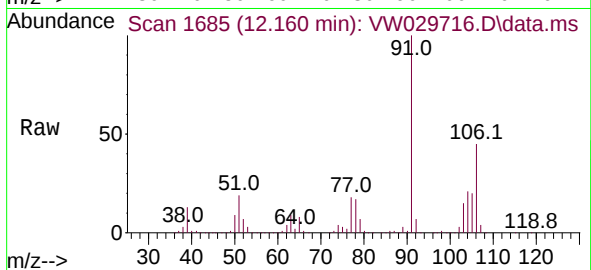
ClientSampleId :

Tgt Ion:106 Resp: 315569

Ion Ratio Lower Upper

106 100

91 224.2 155.8 289.4



#55

Styrene

Concen: 54.430 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029716.D

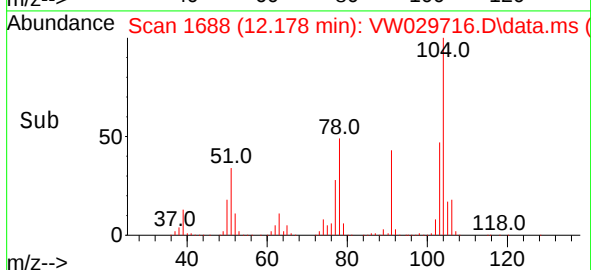
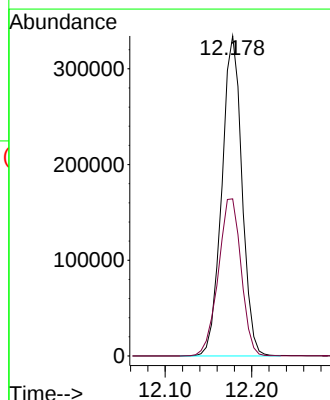
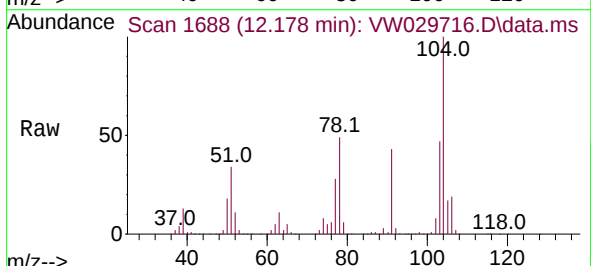
Acq: 24 Jul 2024 16:40

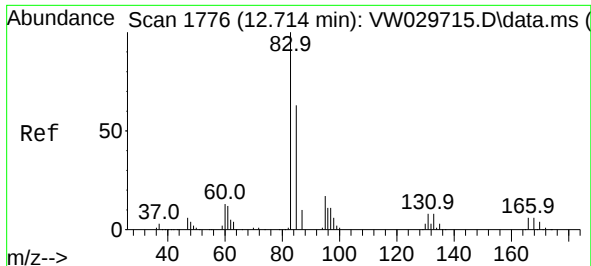
Tgt Ion:104 Resp: 539669

Ion Ratio Lower Upper

104 100

78 49.1 33.3 61.9

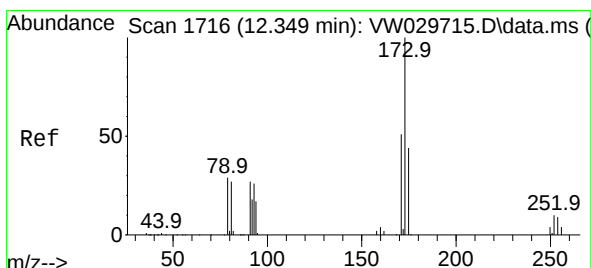
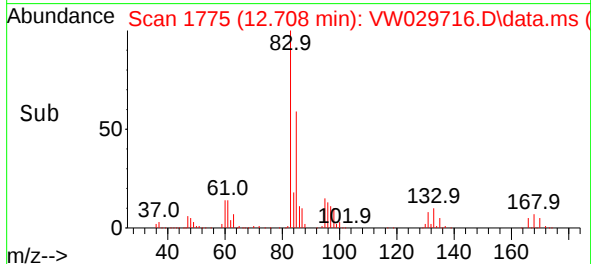
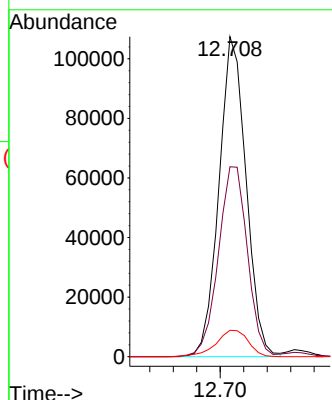
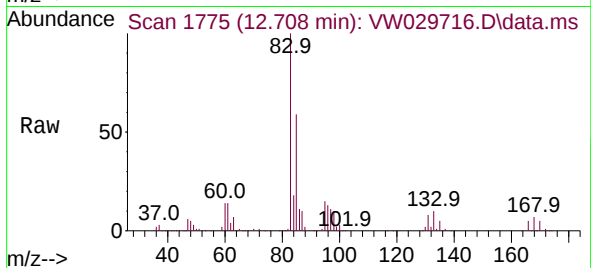




#57
1,1,2,2-Tetrachloroethane
Concen: 48.363 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

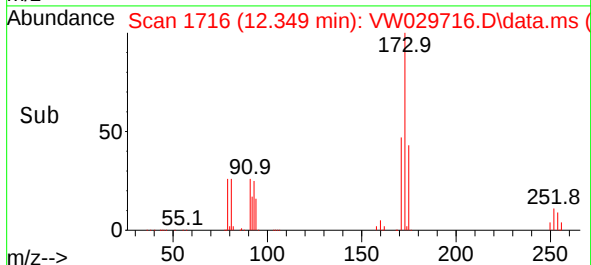
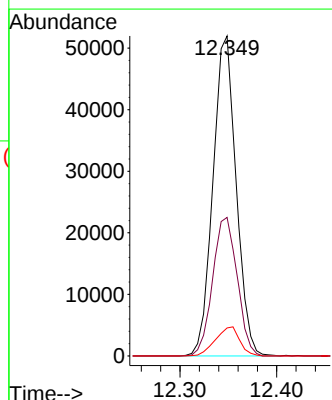
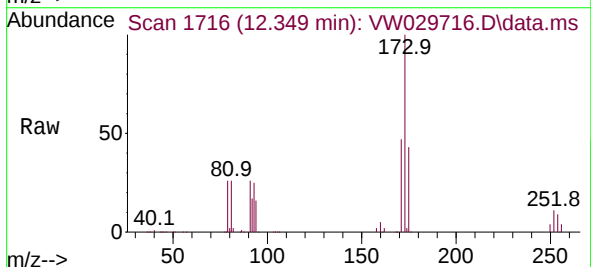
Instrument :
MSVOA_W
ClientSampleId :

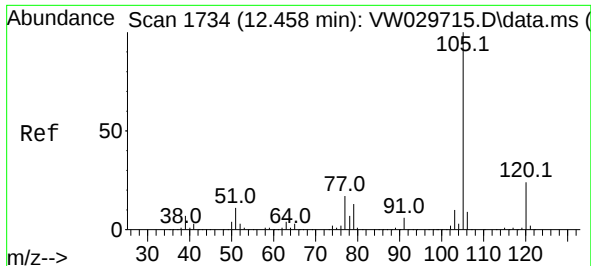
Tgt Ion: 83 Resp: 172161
Ion Ratio Lower Upper
83 100
85 59.4 44.2 82.0
131 8.2 6.2 9.2



#59
Bromoform
Concen: 50.066 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

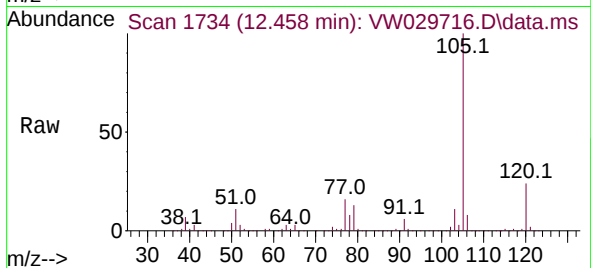
Tgt Ion:173 Resp: 86558
Ion Ratio Lower Upper
173 100
175 45.7 38.1 57.1
254 9.5 7.8 11.6



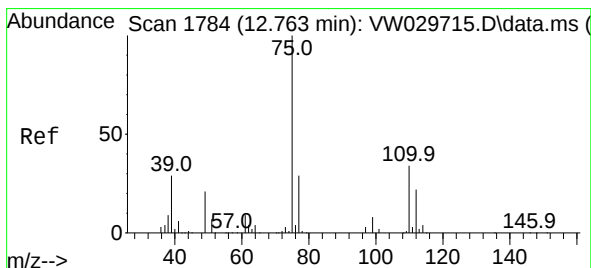
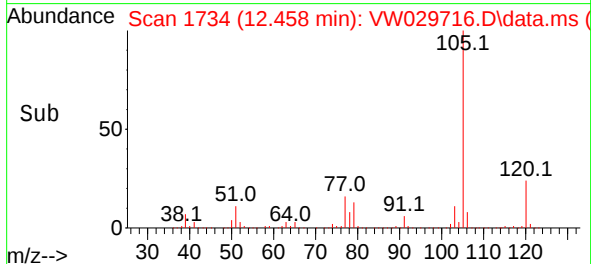
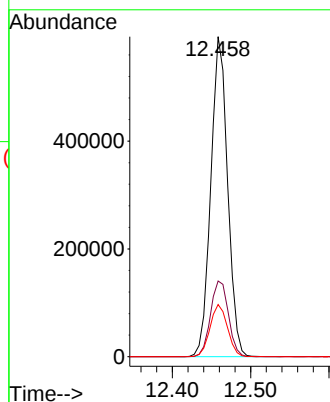


#60
Isopropylbenzene
Concen: 55.247 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

Instrument :
MSVOA_W
ClientSampleId :

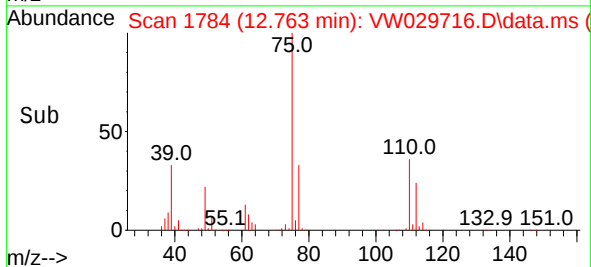
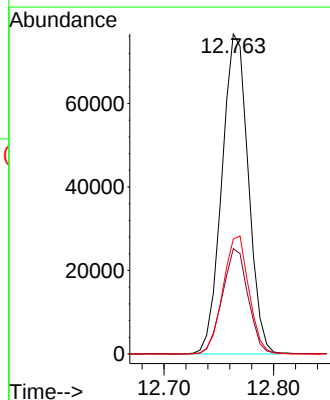
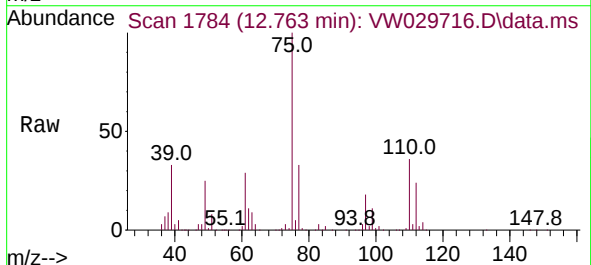


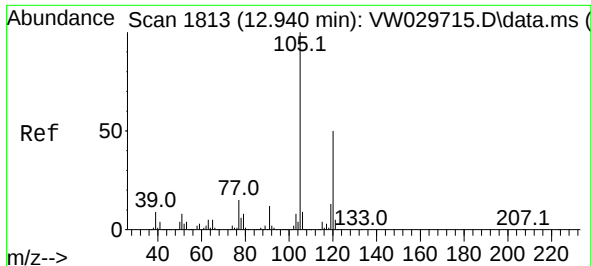
Tgt Ion:105 Resp: 883613
Ion Ratio Lower Upper
105 100
120 25.1 20.3 30.5
77 16.9 14.0 21.0



#61
1,2,3-Trichloropropane
Concen: 47.211 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

Tgt Ion: 75 Resp: 128320
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
110 36.2 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 62.040 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

Instrument :

MSVOA_W

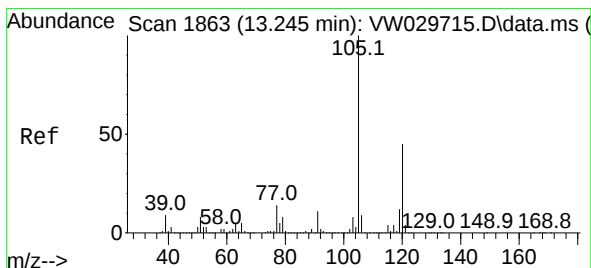
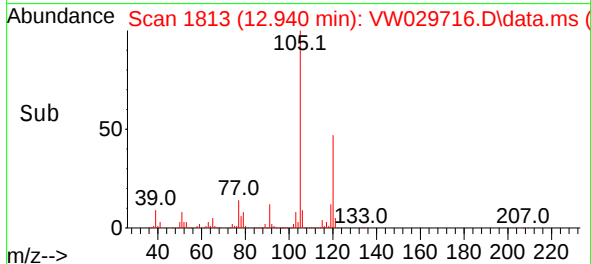
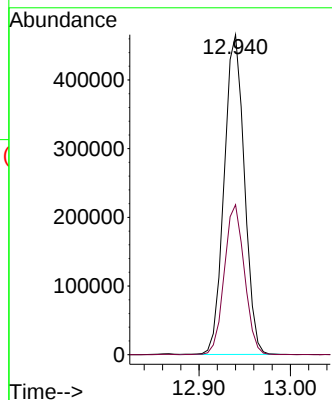
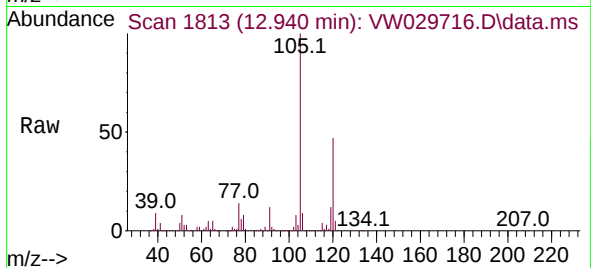
ClientSampleId :

Tgt Ion:105 Resp: 716235

Ion Ratio Lower Upper

105 100

120 46.7 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 57.533 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029716.D

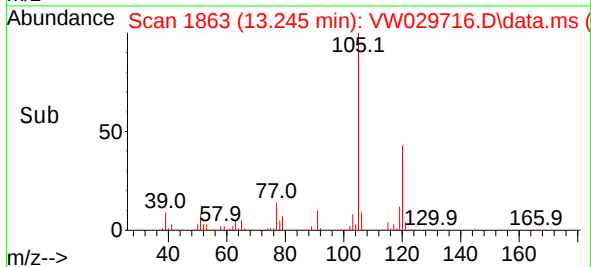
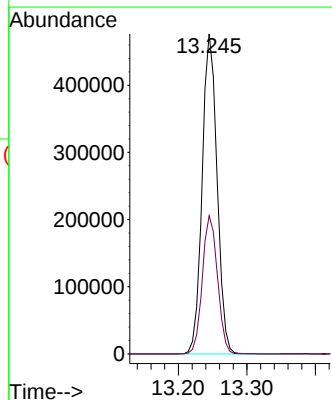
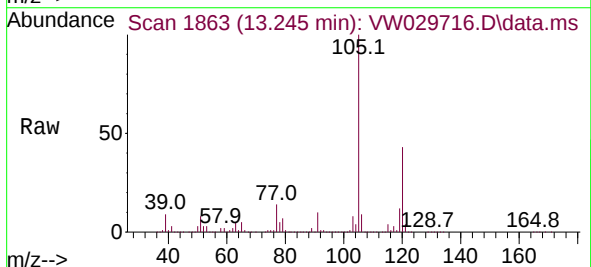
Acq: 24 Jul 2024 16:40

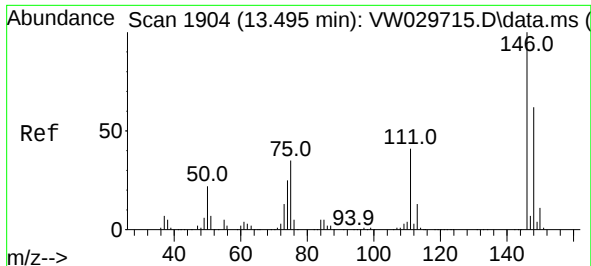
Tgt Ion:105 Resp: 721480

Ion Ratio Lower Upper

105 100

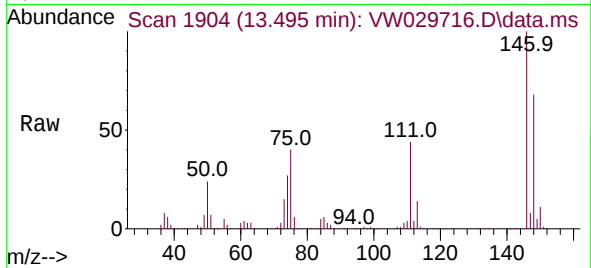
120 43.8 35.4 53.0



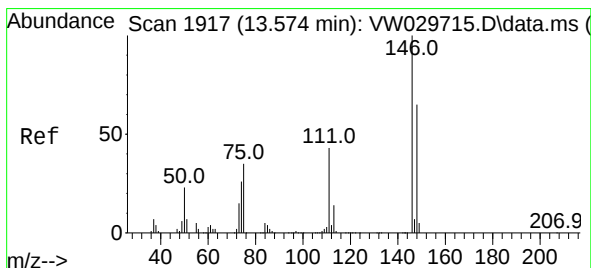
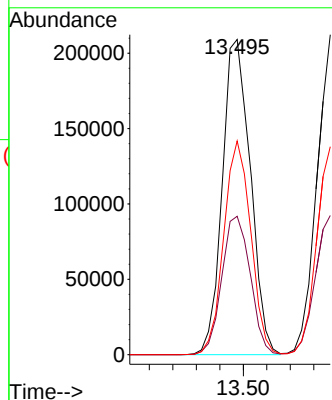
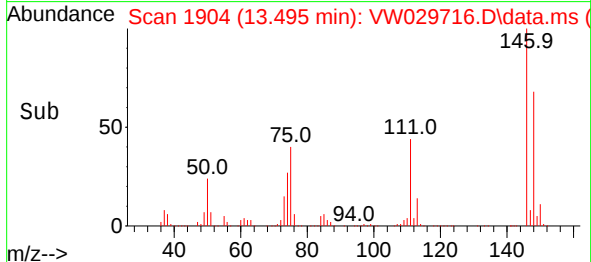


#64
1,3-Dichlorobenzene
Concen: 48.767 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

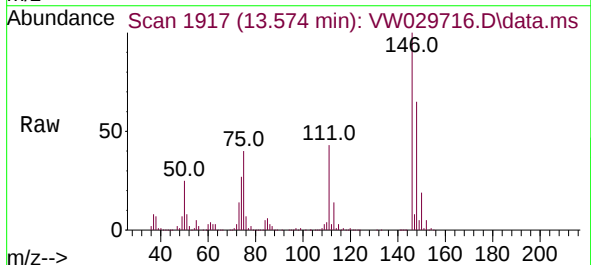
Instrument :
MSVOA_W
ClientSampleId :



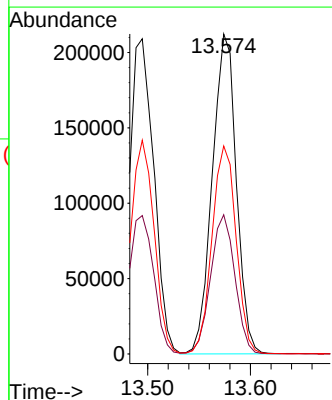
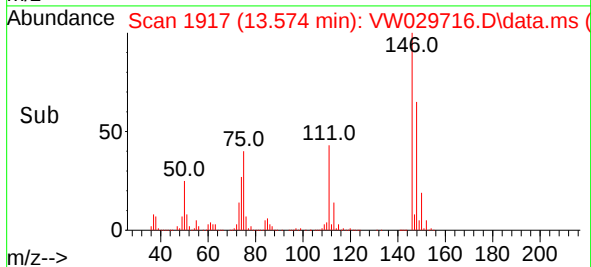
Tgt Ion:146 Resp: 347249
Ion Ratio Lower Upper
146 100
111 43.9 28.7 53.3
148 67.8 43.4 80.6

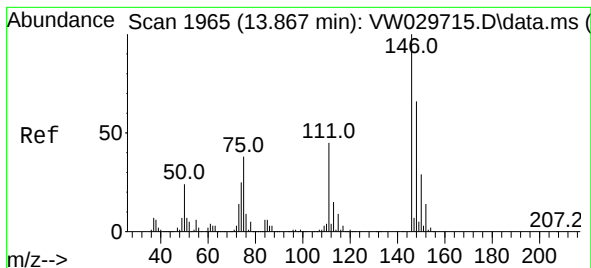


#65
1,4-Dichlorobenzene
Concen: 47.513 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40



Tgt Ion:146 Resp: 344986
Ion Ratio Lower Upper
146 100
111 43.5 30.1 55.9
148 65.0 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 49.809 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

Instrument :

MSVOA_W

ClientSampleId :

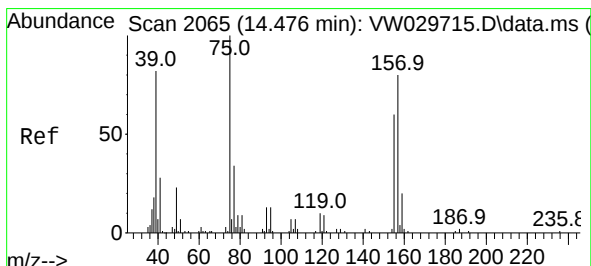
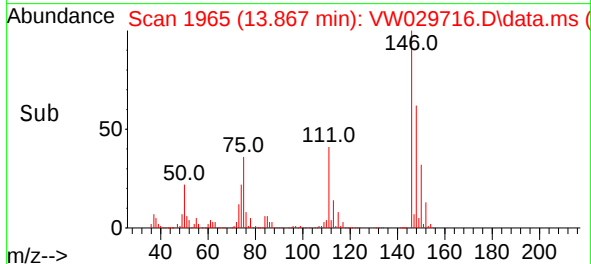
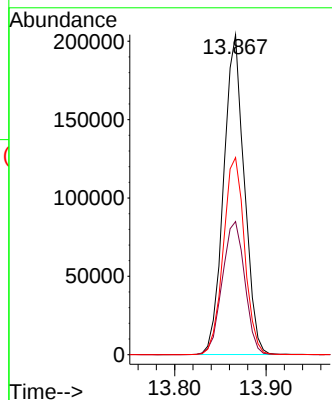
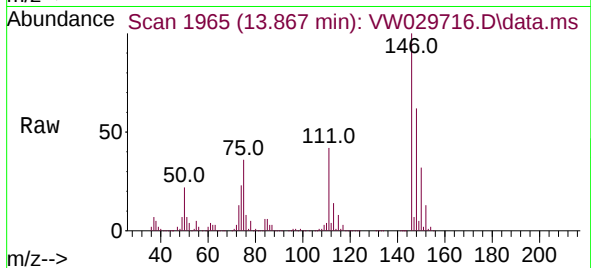
Tgt Ion:146 Resp: 320534

Ion Ratio Lower Upper

146 100

111 41.6 35.8 53.8

148 61.6 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 45.538 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

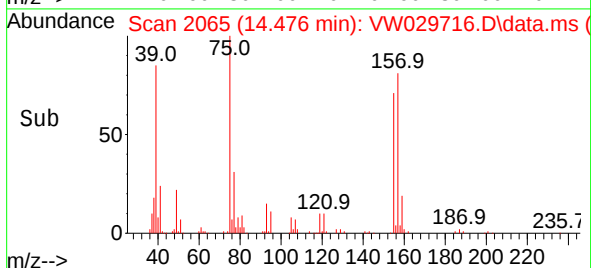
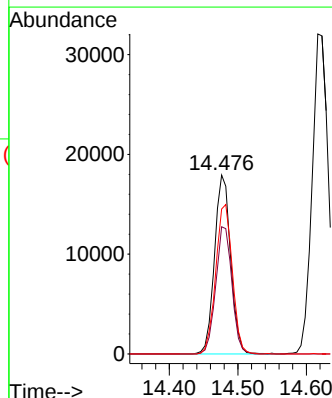
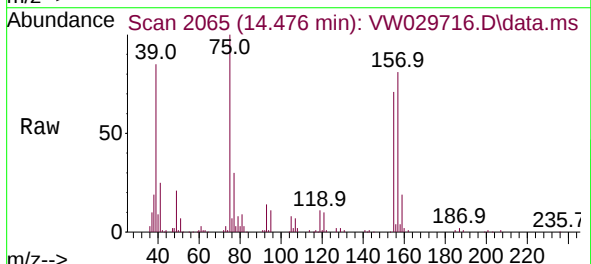
Tgt Ion: 75 Resp: 29341

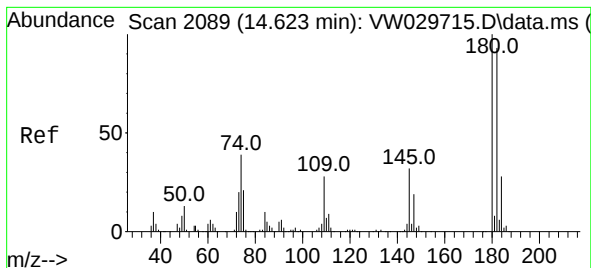
Ion Ratio Lower Upper

75 100

155 71.1 47.8 71.6

157 81.0 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 51.277 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

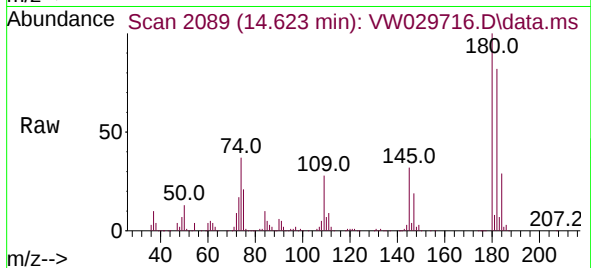
Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 240529

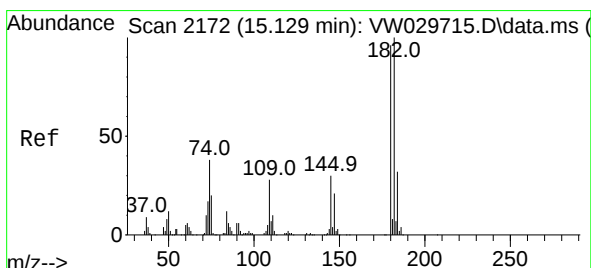
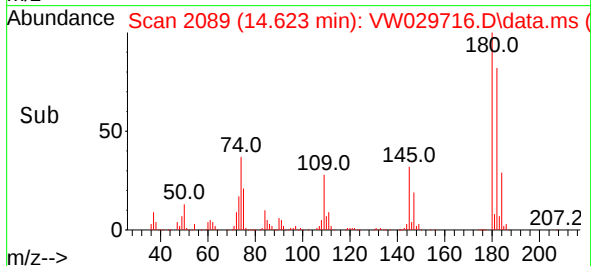
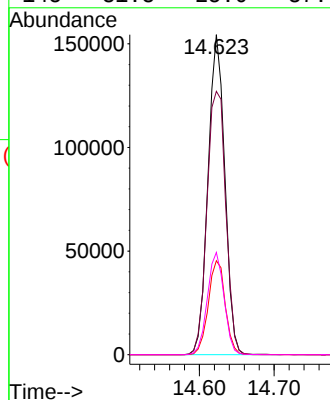
Ion Ratio Lower Upper

180 100

182 92.4 72.7 109.1

184 29.7 23.3 34.9

145 31.8 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 49.930 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW029716.D

Acq: 24 Jul 2024 16:40

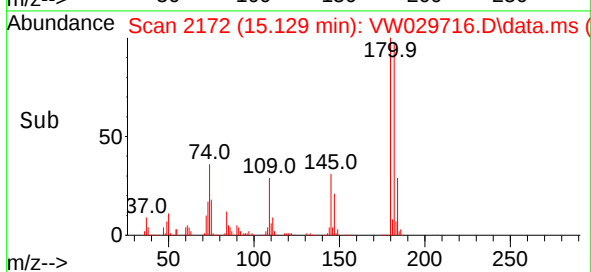
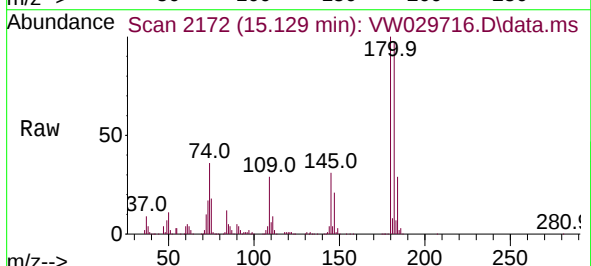
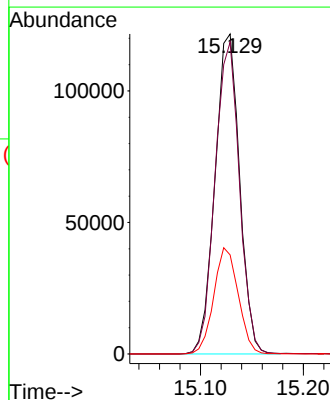
Tgt Ion:180 Resp: 202151

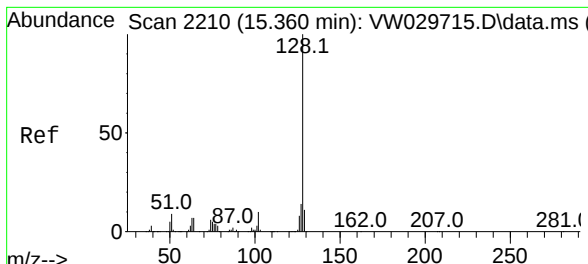
Ion Ratio Lower Upper

180 100

182 96.7 80.2 120.4

145 33.1 26.3 39.5



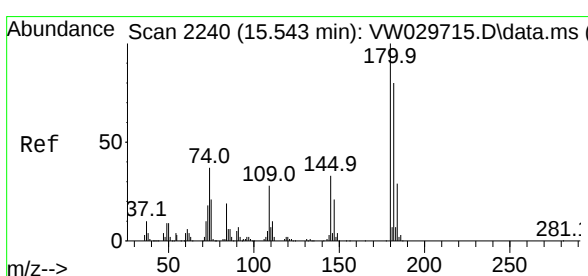
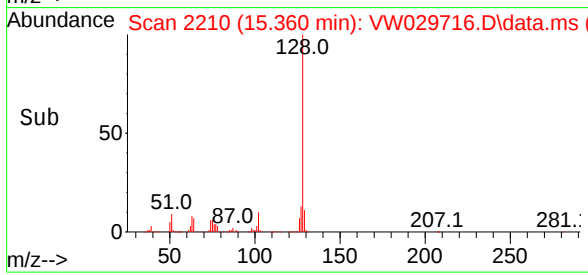
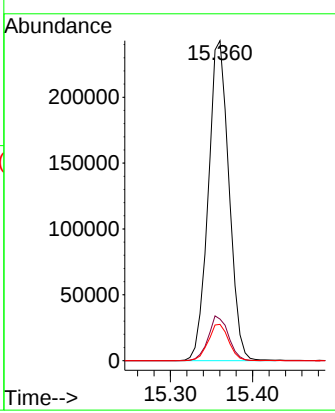
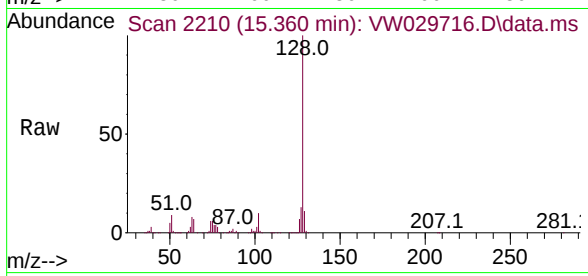


#71
Naphthalene
Concen: 49.800 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 424474

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	11.2	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 51.080 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW029716.D
Acq: 24 Jul 2024 16:40

Tgt Ion:180 Resp: 187041

Ion	Ratio	Lower	Upper
180	100		
182	91.1	74.0	111.0
145	32.7	27.5	41.3

