

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062424\
 Data File : VW029336.D
 Acq On : 24 Jun 2024 18:46
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 25 01:43:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 25 01:37:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	267645	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	251316	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	122240	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	68700	18.545	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.160%
7) Chloroethane-d5	2.899	69	58676	18.756	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.040%
11) 1,1-Dichloroethene-d2	4.027	65	34407	19.236	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.960%
21) 2-Butanone-d5	7.075	46	56908	51.346	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.700%
24) Chloroform-d	7.648	84	173598	21.743	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.960%
26) 1,2-Dichloroethane-d4	8.307	65	100663	21.960	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.840%
32) Benzene-d6	8.276	84	331077	21.689	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.760%
36) 1,2-Dichloropropane-d6	9.270	67	105883	21.821	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.280%
41) Toluene-d8	10.319	98	298391	22.094	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.360%
43) trans-1,3-Dichloroprop...	10.575	79	42371	21.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.680%
47) 2-Hexanone-d5	10.922	63	39689	52.176	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92277	23.894	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.560%
66) 1,2-Dichlorobenzene-d4	13.849	152	96453	22.732	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	45208	17.313	ug/L	97
3) Chloromethane	2.223	50	69647	18.706	ug/L	97
5) Vinyl chloride	2.375	62	82471	19.288	ug/L	95
6) Bromomethane	2.790	94	51425	20.011	ug/L	97
8) Chloroethane	2.936	64	54730	20.927	ug/L	97
9) Trichlorofluoromethane	3.265	101	72136	21.761	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	75386	20.626	ug/L	94
12) 1,1-Dichloroethene	4.052	96	70515	22.738	ug/L	77
13) Acetone	4.119	43	41530	44.092	ug/L	96
14) Carbon disulfide	4.393	76	204354	20.186	ug/L	98
15) Methyl Acetate	4.673	43	46675	24.962	ug/L	99
16) Methylene chloride	4.929	84	93154	19.794	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	79002	22.939	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	138030	25.050	ug/L #	89
19) 1,1-Dichloroethane	6.216	63	174107	23.407	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	90685	23.878	ug/L	98
22) 2-Butanone	7.167	43	62593	48.479	ug/L	100
23) Bromochloromethane	7.508	128	40111	23.725	ug/L	95
25) Chloroform	7.679	83	171325	23.587	ug/L	96

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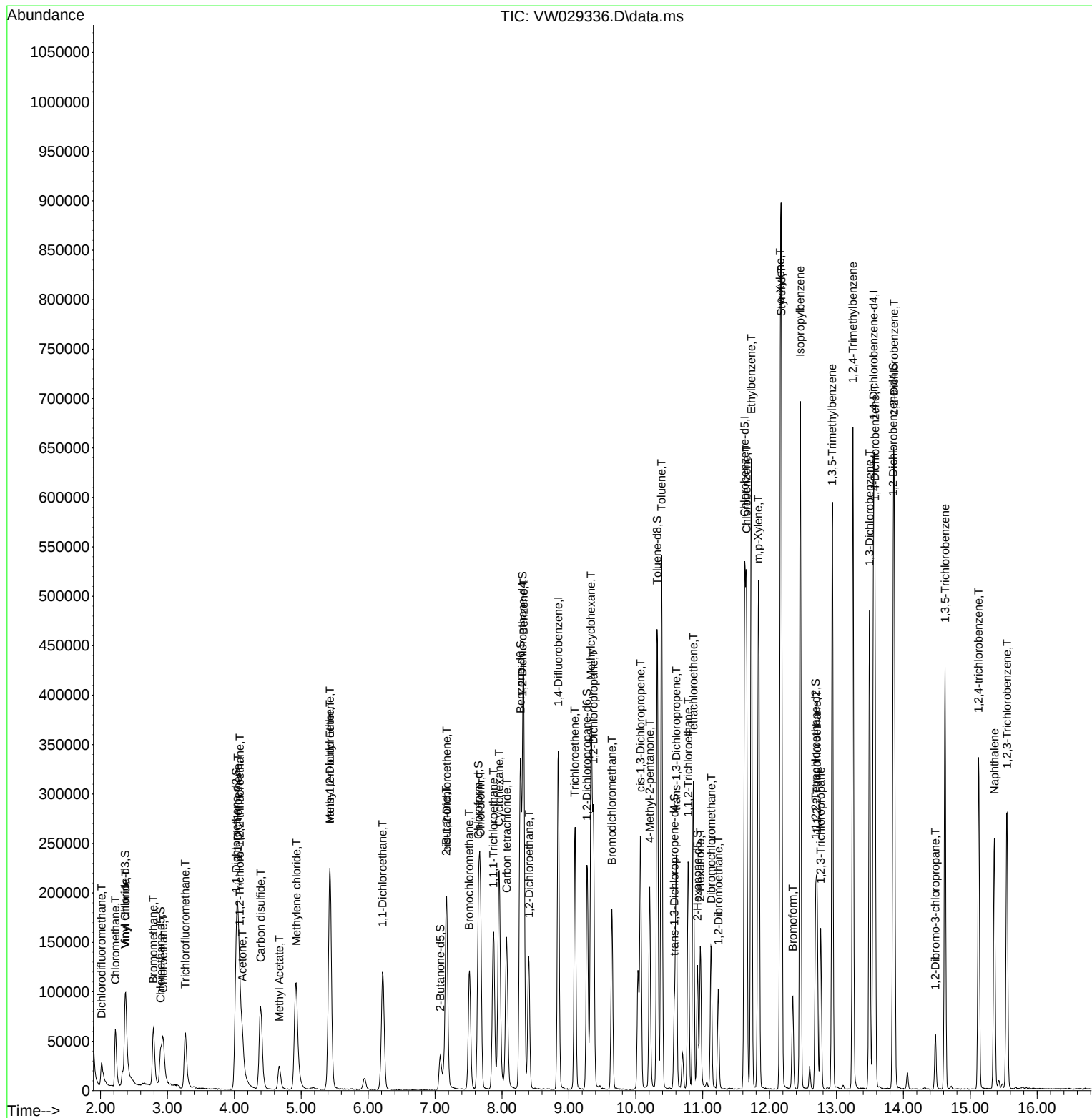
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	122101	22.793	ug/L	100
29) Cyclohexane	7.959	56	126731	22.058	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	130066	23.274	ug/L	97
31) Carbon tetrachloride	8.069	117	113060	22.147	ug/L	100
33) Benzene	8.325	78	358808	23.761	ug/L	100
34) Trichloroethene	9.087	95	90460	22.454	ug/L	91
35) Methylcyclohexane	9.331	83	139587	22.031	ug/L	98
37) 1,2-Dichloropropane	9.368	63	100710	23.735	ug/L	99
38) Bromodichloromethane	9.642	83	119945	23.120	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	146200	24.375	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	137451	52.264	ug/L	98
42) Toluene	10.386	91	383304	24.692	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	120966	23.885	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	70627	23.899	ug/L	97
46) Tetrachloroethene	10.861	164	64149	22.778	ug/L	92
48) 2-Hexanone	10.965	43	94529	50.655	ug/L	98
49) Dibromochloromethane	11.130	129	73052	23.648	ug/L	96
50) 1,2-Dibromoethane	11.233	107	64237	24.215	ug/L	98
51) Chlorobenzene	11.654	112	244625	24.267	ug/L	98
52) Ethylbenzene	11.727	91	423630	24.041	ug/L	96
53) m,p-Xylene	11.831	106	153691	23.878	ug/L	98
54) o-Xylene	12.160	106	146906	24.421	ug/L	99
55) Styrene	12.178	104	262840	25.060	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	88840	24.303	ug/L	99
59) Bromoform	12.349	173	40442	24.139	ug/L	95
60) Isopropylbenzene	12.459	105	417070	25.606	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	65236	24.467	ug/L	100
62) 1,3,5-Trimethylbenzene	12.934	105	300470	25.472	ug/L	94
63) 1,2,4-Trimethylbenzene	13.245	105	329694	25.977	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	183585	26.045	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	179433	23.926	ug/L	93
67) 1,2-Dichlorobenzene	13.861	146	166716	25.584	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	14969	24.058	ug/L #	90
69) 1,3,5-Trichlorobenzene	14.623	180	117013	24.597	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	95242	24.698	ug/L	99
71) Naphthalene	15.360	128	202229	26.570	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	88467	25.178	ug/L	96

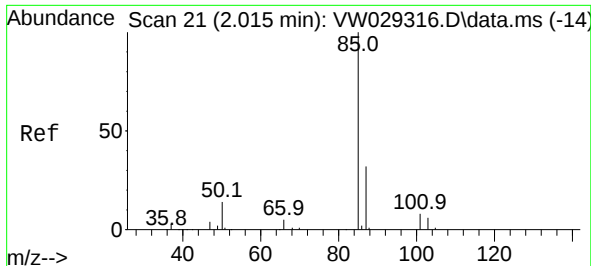
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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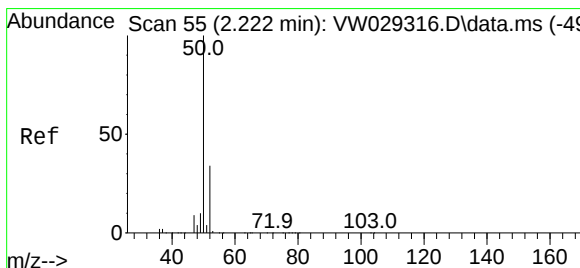
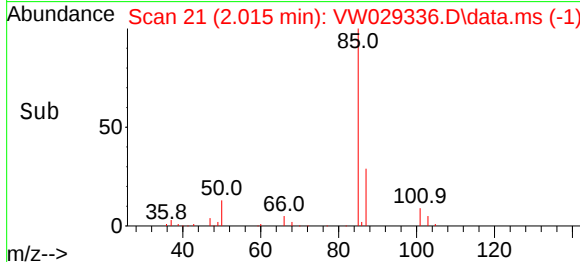
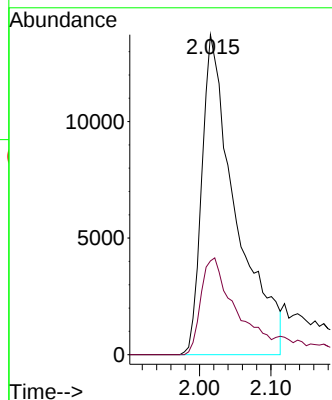
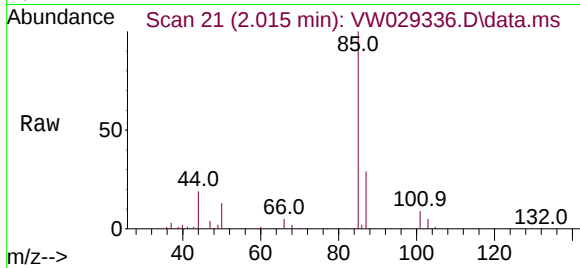




#2
 Dichlorodifluoromethane
 Concen: 17.313 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029336.D
 Acq: 24 Jun 2024 18:46

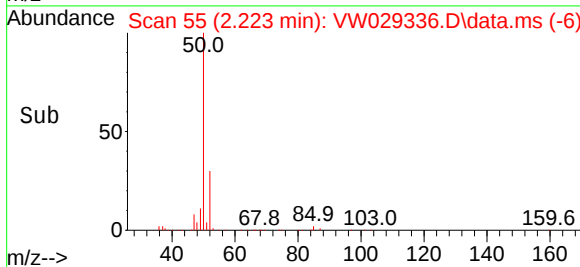
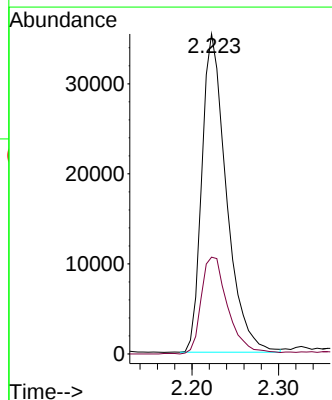
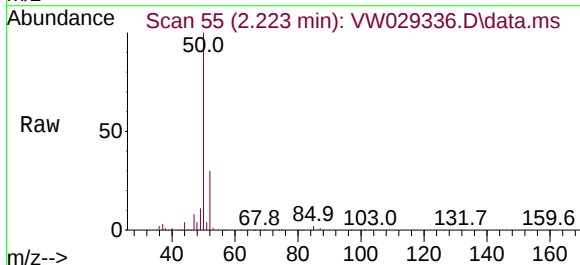
Instrument :
 MSVOA_W
 ClientSampleId :

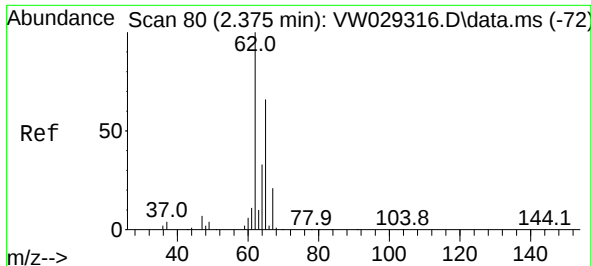
Tgt Ion: 85 Resp: 45208
 Ion Ratio Lower Upper
 85 100
 87 31.2 23.8 35.6



#3
 Chloromethane
 Concen: 18.706 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW029336.D
 Acq: 24 Jun 2024 18:46

Tgt Ion: 50 Resp: 69647
 Ion Ratio Lower Upper
 50 100
 52 30.2 22.3 41.5

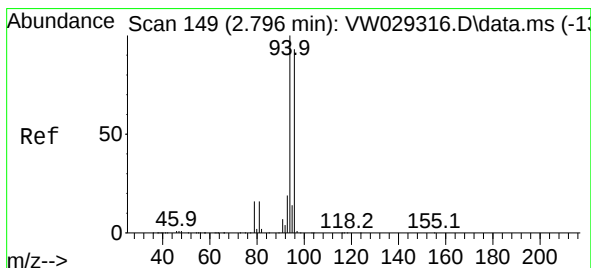
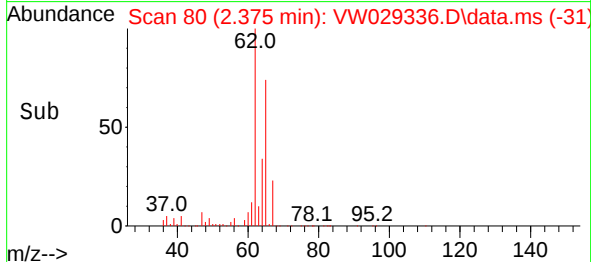
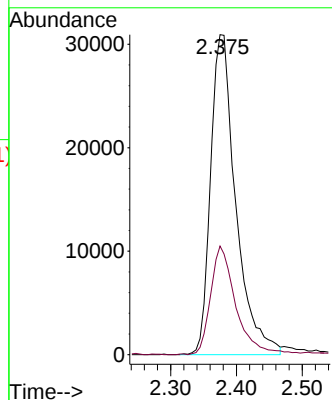
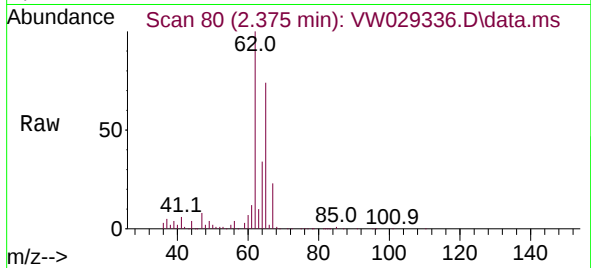




#5
 Vinyl chloride
 Concen: 19.288 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029336.D
 Acq: 24 Jun 2024 18:46

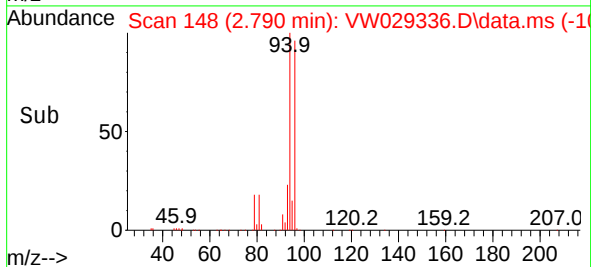
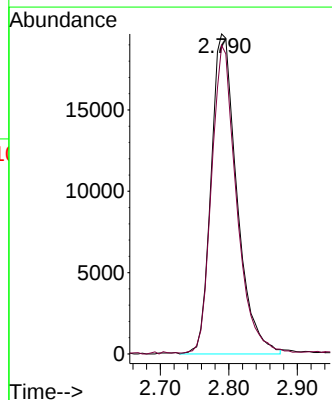
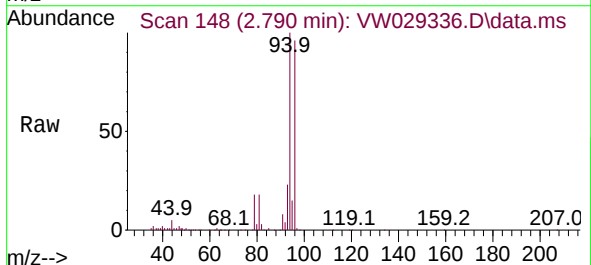
Instrument :
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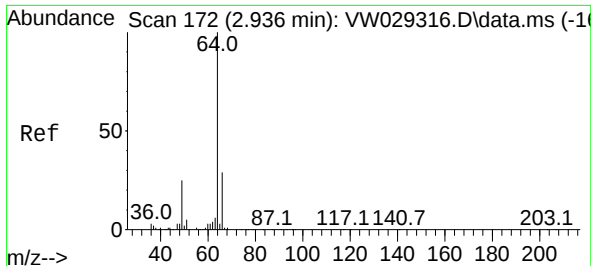
Tgt Ion: 62 Resp: 82471
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.0 40.8



#6
 Bromomethane
 Concen: 20.011 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW029336.D
 Acq: 24 Jun 2024 18:46

Tgt Ion: 94 Resp: 51425
 Ion Ratio Lower Upper
 94 100
 96 96.4 69.5 129.1

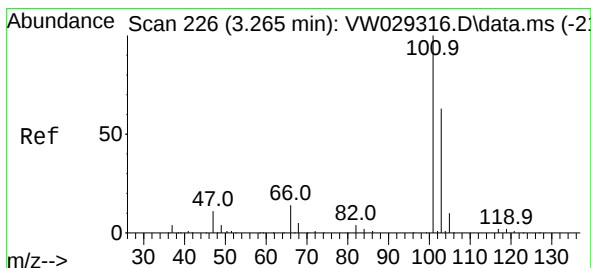
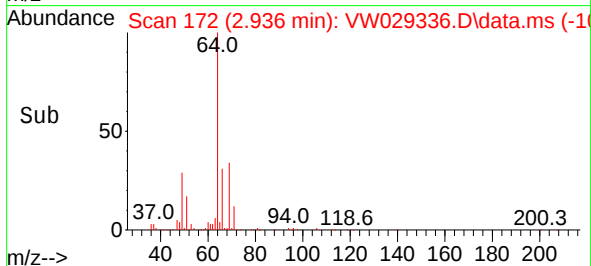
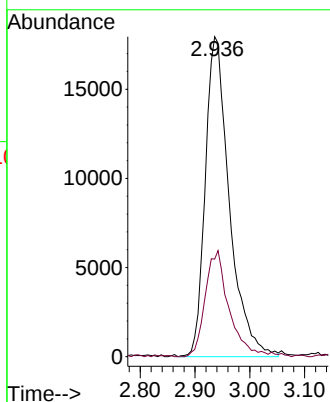
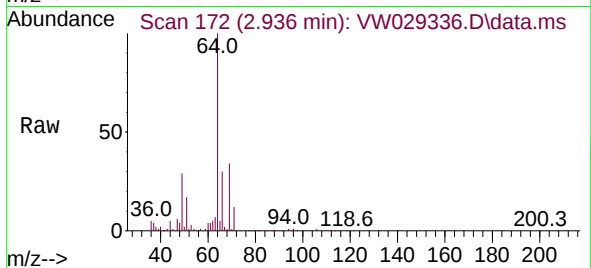




#8
Chloroethane
Concen: 20.927 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW029336.D
Acq: 24 Jun 2024 18:46

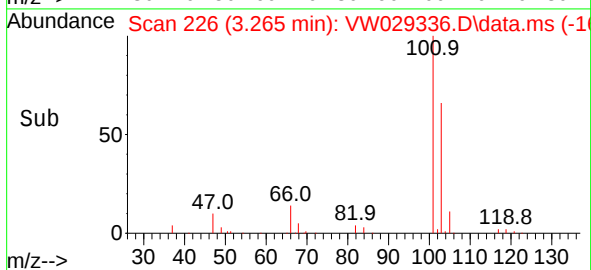
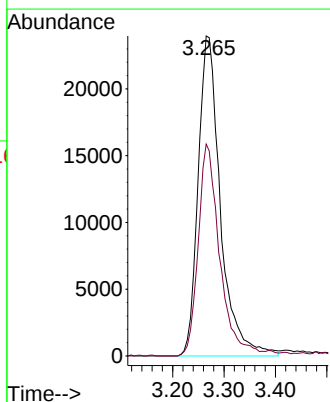
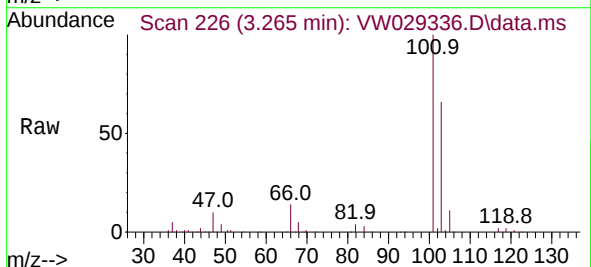
Instrument :
MSVOA_W
ClientSampleId :

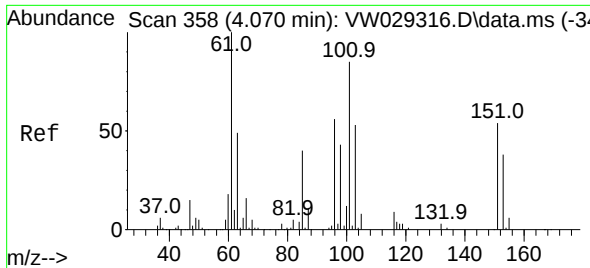
Tgt Ion: 64 Resp: 54730
Ion Ratio Lower Upper
64 100
66 30.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 21.761 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW029336.D
Acq: 24 Jun 2024 18:46

Tgt Ion:101 Resp: 72136
Ion Ratio Lower Upper
101 100
103 63.5 50.8 76.2





#10

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

Concen: 20.626 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

Instrument :

MSVOA_W

ClientSampleId :

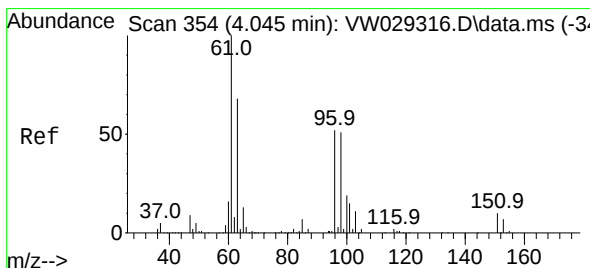
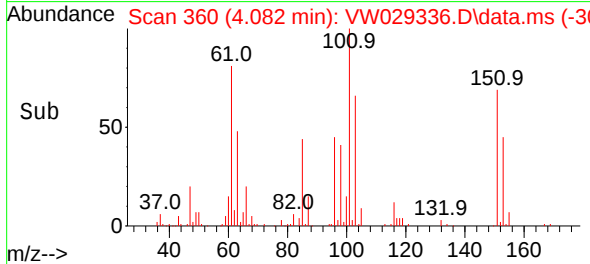
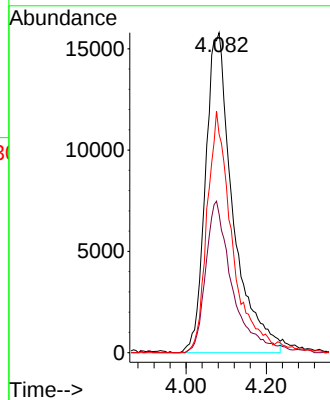
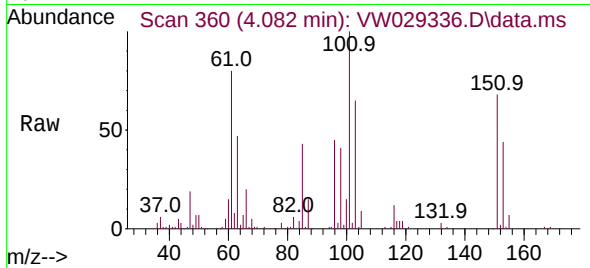
Tgt Ion:101 Resp: 75386

Ion Ratio Lower Upper

101 100

85 44.5 30.2 45.2

151 68.1 52.2 78.4



#12

1,1-Dichloroethene

Concen: 22.738 ug/L

RT: 4.052 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

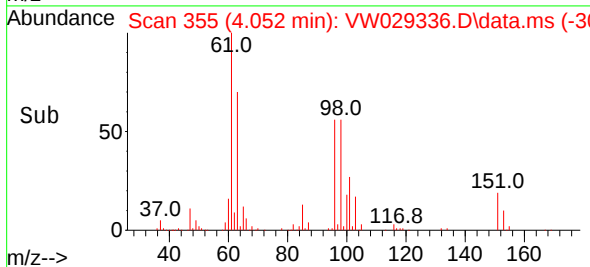
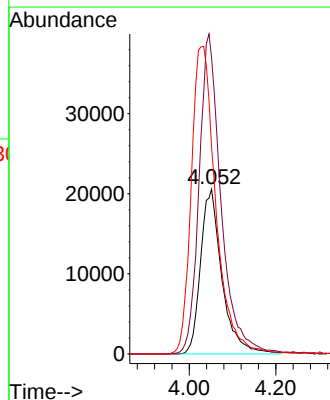
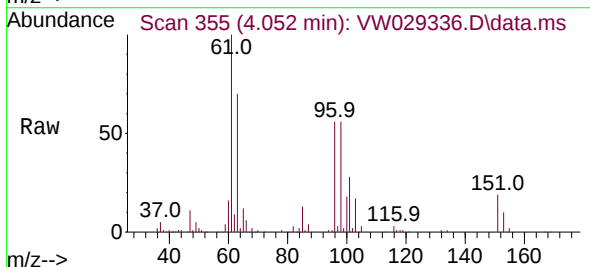
Tgt Ion: 96 Resp: 70515

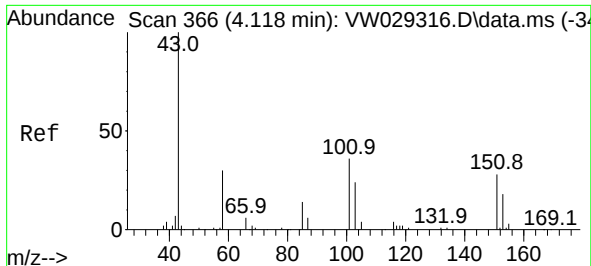
Ion Ratio Lower Upper

96 100

61 179.7 140.1 260.3

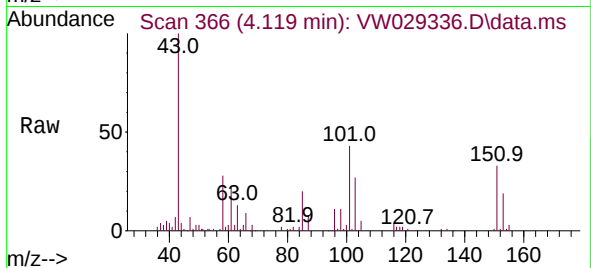
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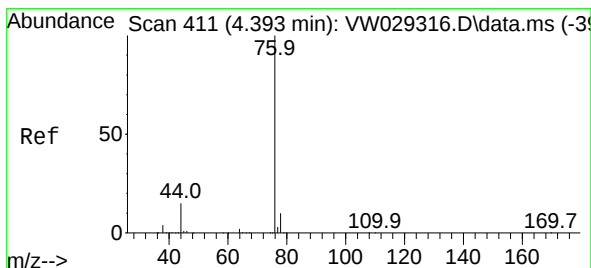
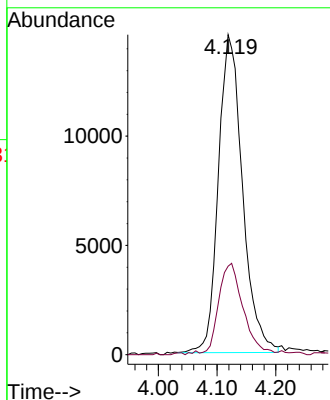
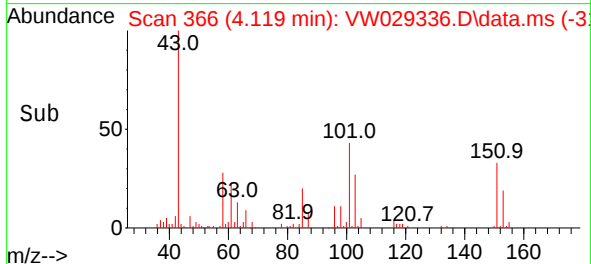


#13
Acetone
Concen: 44.092 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
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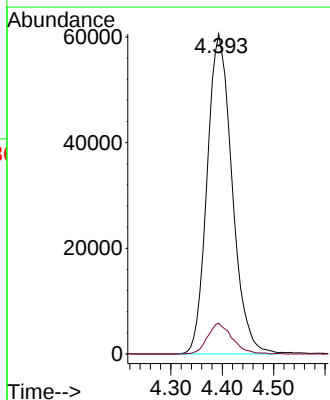
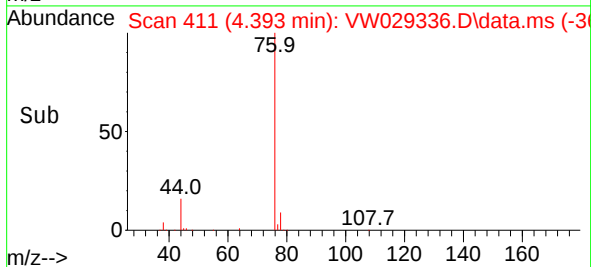
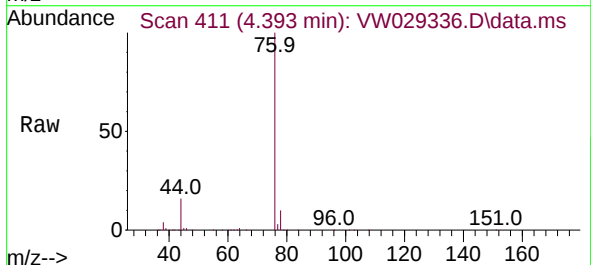


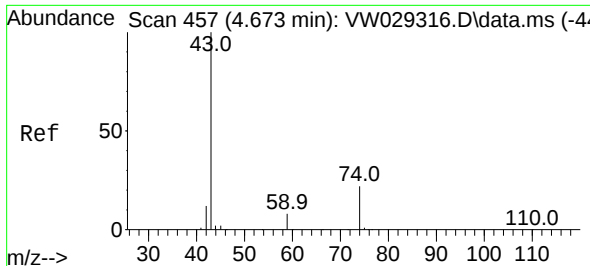
Tgt Ion: 43 Resp: 41530
Ion Ratio Lower Upper
43 100
58 28.6 0.0 61.4



#14
Carbon disulfide
Concen: 20.186 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 204354
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

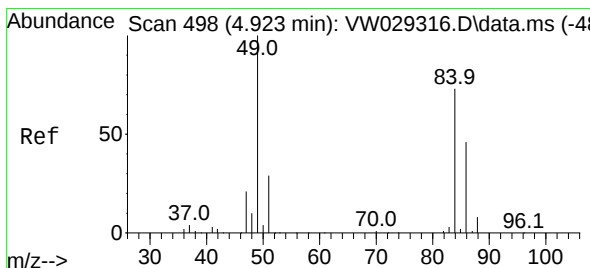
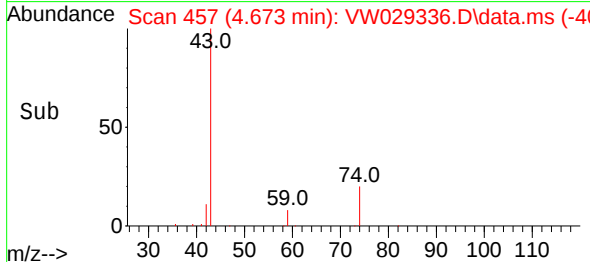
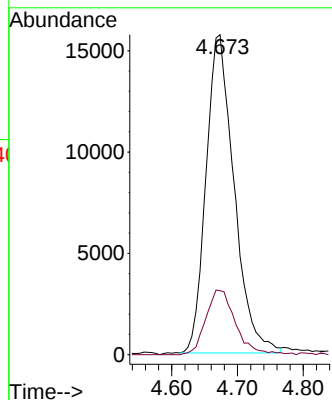
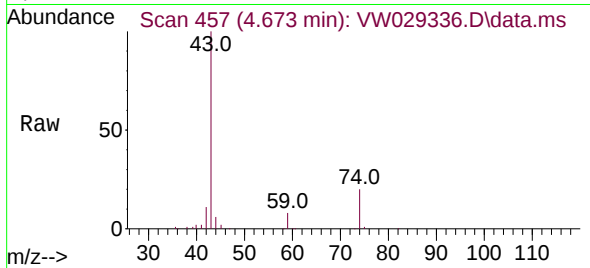




#15
Methyl Acetate
Concen: 24.962 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW029336.D
Acq: 24 Jun 2024 18:46

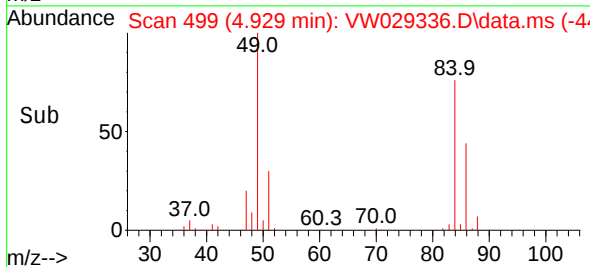
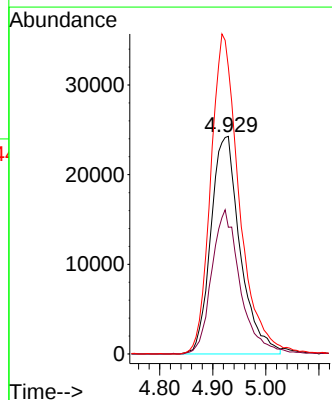
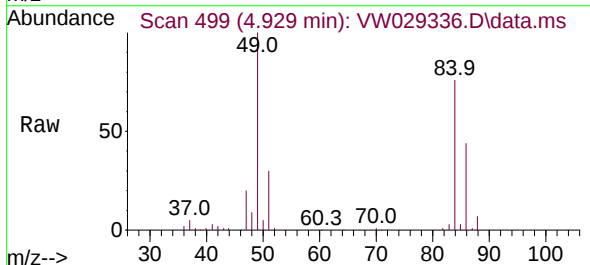
Instrument :
MSVOA_W
ClientSampleId :

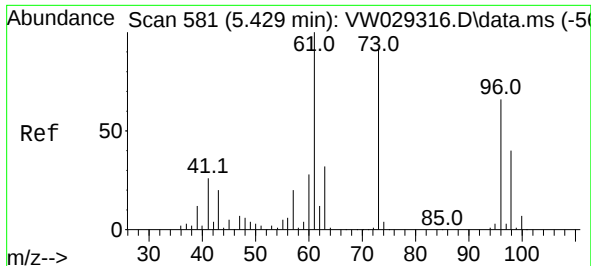
Tgt Ion: 43 Resp: 46675
Ion Ratio Lower Upper
43 100
74 21.1 16.6 25.0



#16
Methylene chloride
Concen: 19.794 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.006 min
Lab File: VW029336.D
Acq: 24 Jun 2024 18:46

Tgt Ion: 84 Resp: 93154
Ion Ratio Lower Upper
84 100
86 58.2 41.4 77.0
49 131.8 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 22.939 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

Instrument :

MSVOA_W

ClientSampleId :

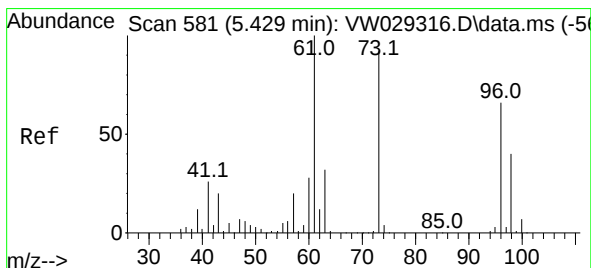
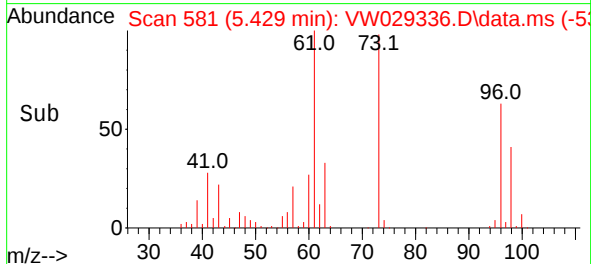
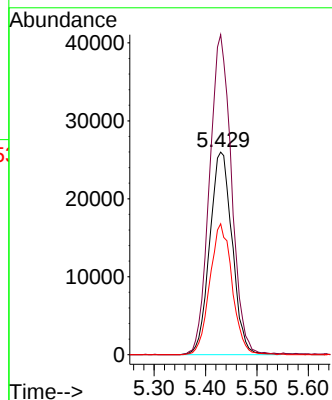
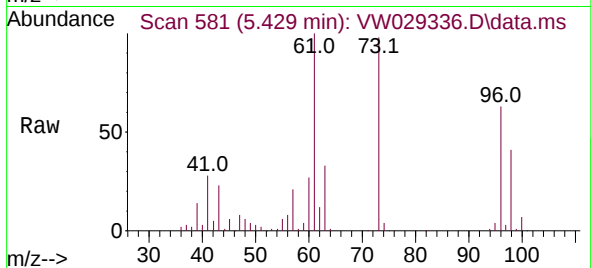
Tgt Ion: 96 Resp: 79002

Ion Ratio Lower Upper

96 100

61 158.0 101.5 188.5

98 64.6 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 25.050 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

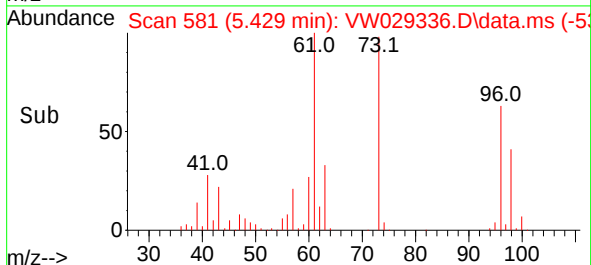
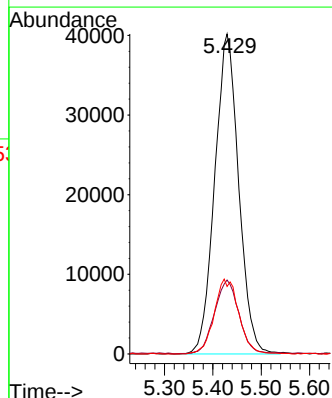
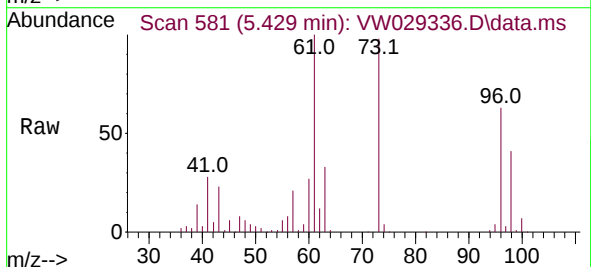
Tgt Ion: 73 Resp: 138030

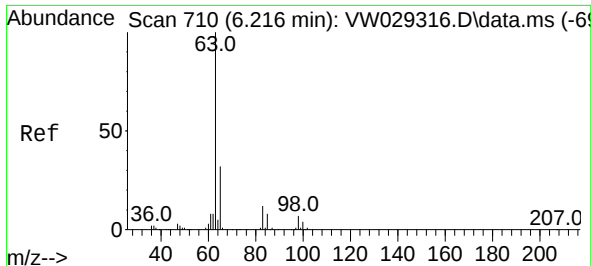
Ion Ratio Lower Upper

73 100

43 23.3 19.5 29.3

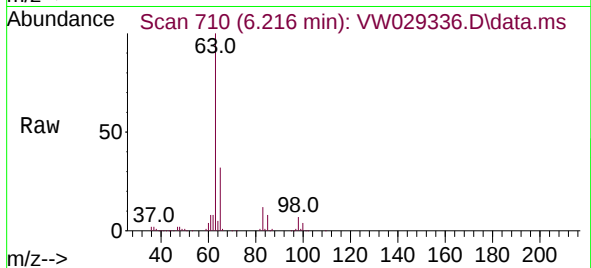
57 13.4 18.4 27.6#



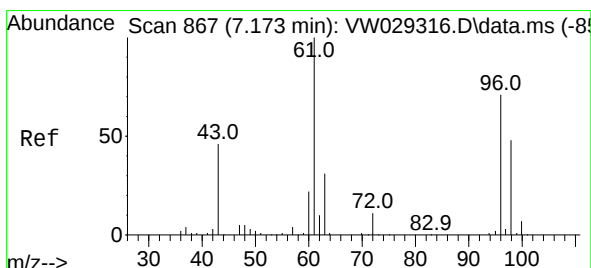
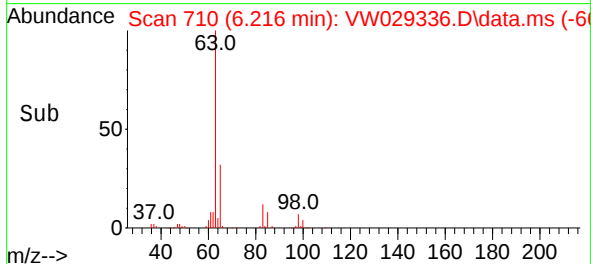
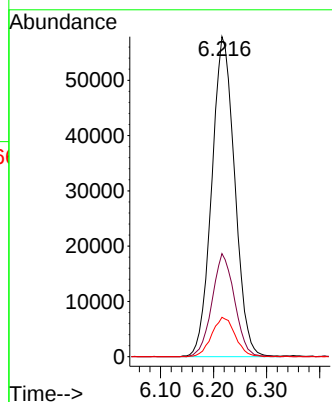


#19
1,1-Dichloroethane
Concen: 23.407 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW029336.D
Acq: 24 Jun 2024 18:46

Instrument :
MSVOA_W
ClientSampleId :

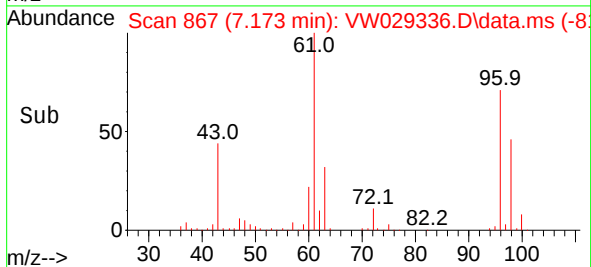
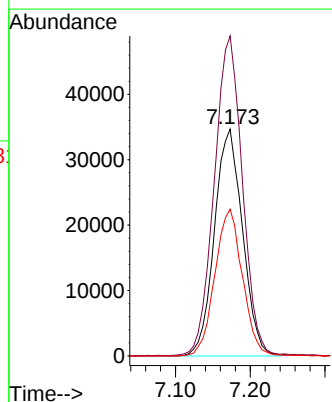
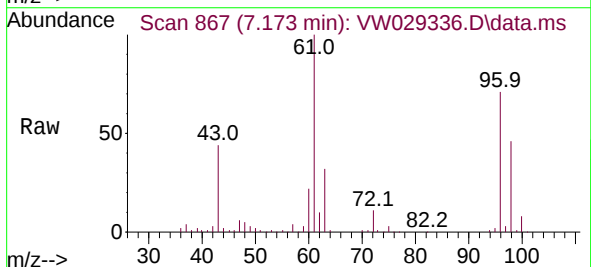


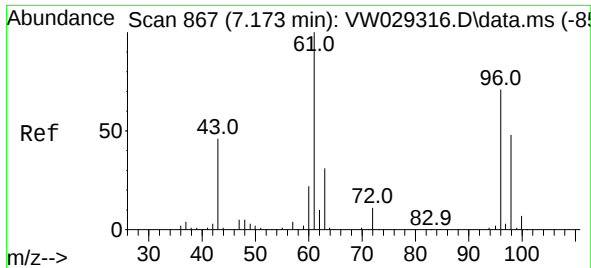
Tgt Ion: 63 Resp: 174107
Ion Ratio Lower Upper
63 100
65 32.2 23.4 43.4
83 12.3 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 23.878 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW029336.D
Acq: 24 Jun 2024 18:46

Tgt Ion: 96 Resp: 90685
Ion Ratio Lower Upper
96 100
61 141.0 97.8 181.6
98 64.7 43.0 79.8

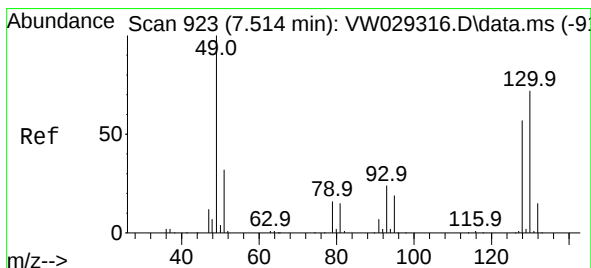
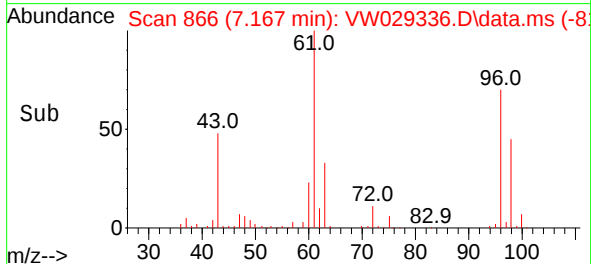
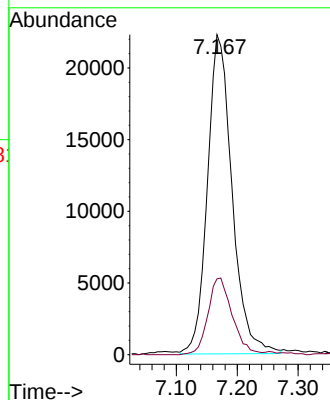
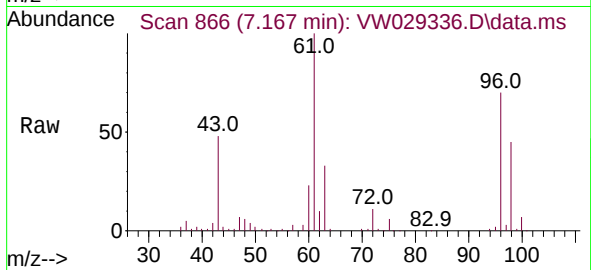




#22
2-Butanone
Concen: 48.479 ug/L
RT: 7.167 min Scan# 80
Delta R.T. -0.006 min
Lab File: VW029336.D
Acq: 24 Jun 2024 18:46

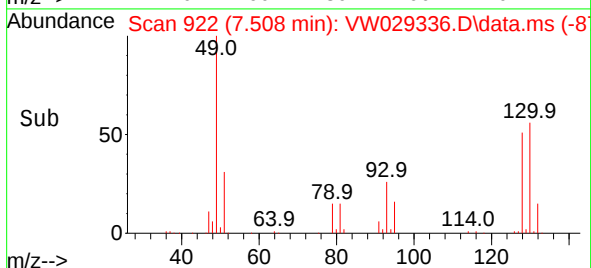
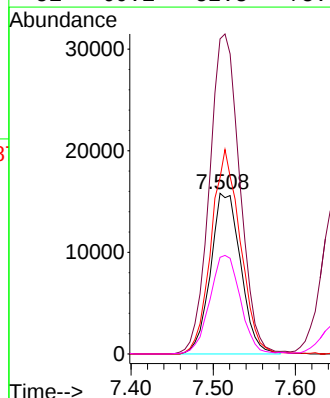
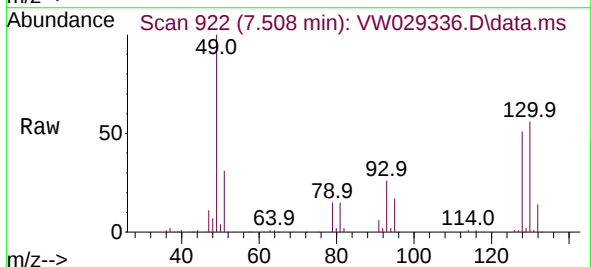
Instrument :
MSVOA_W
ClientSampleId :

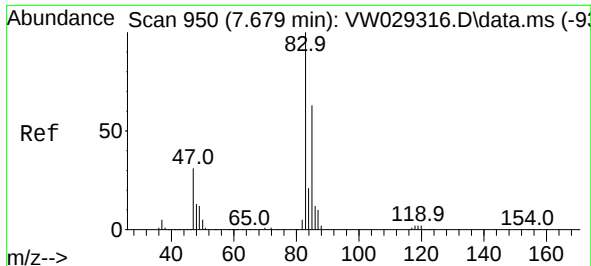
Tgt Ion: 43 Resp: 62593
Ion Ratio Lower Upper
43 100
72 23.6 11.9 35.7



#23
Bromochloromethane
Concen: 23.725 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW029336.D
Acq: 24 Jun 2024 18:46

Tgt Ion:128 Resp: 40111
Ion Ratio Lower Upper
128 100
49 196.2 142.6 264.8
130 109.7 79.7 148.1
51 60.1 52.3 78.5





#25

Chloroform

Concen: 23.587 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

Instrument :

MSVOA_W

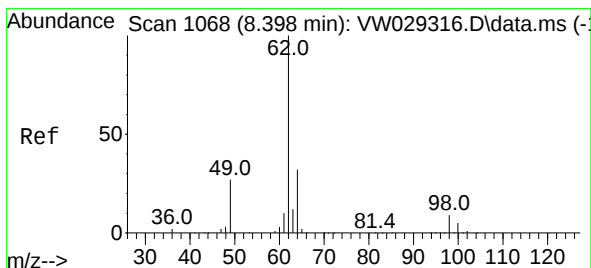
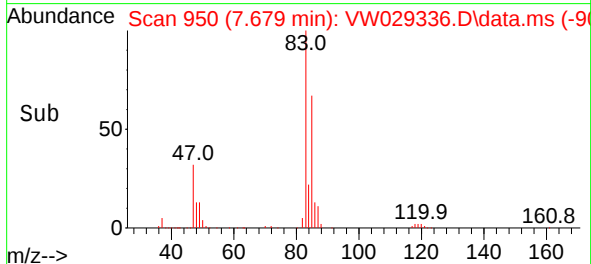
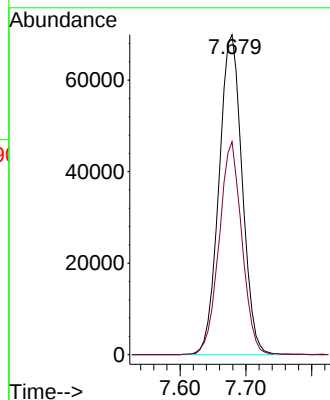
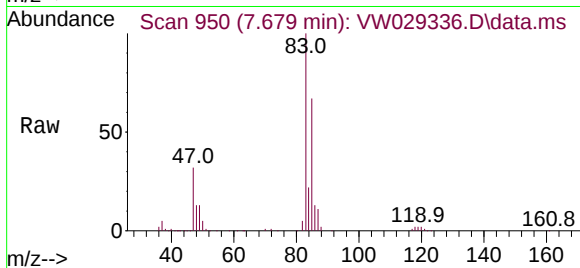
ClientSampleId :

Tgt Ion: 83 Resp: 171325

Ion Ratio Lower Upper

83 100

85 66.6 44.4 82.4



#27

1,2-Dichloroethane

Concen: 22.793 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW029336.D

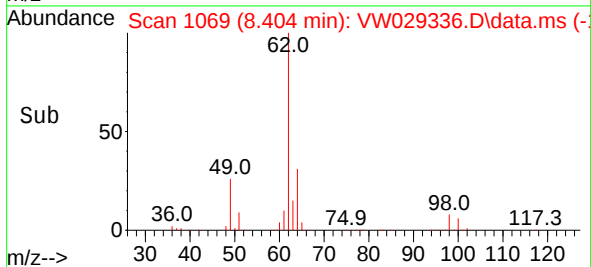
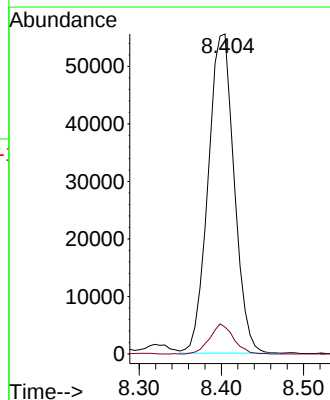
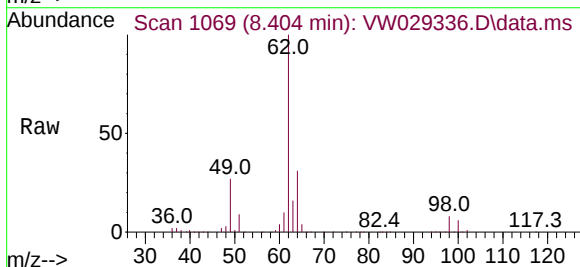
Acq: 24 Jun 2024 18:46

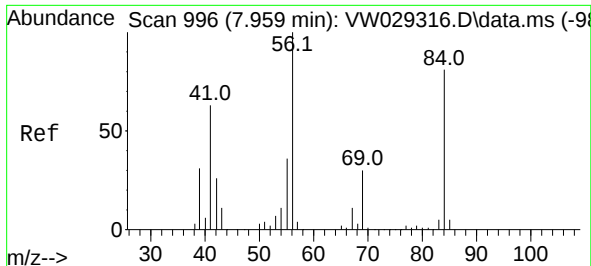
Tgt Ion: 62 Resp: 122101

Ion Ratio Lower Upper

62 100

98 8.4 6.6 10.0





#29

Cyclohexane

Concen: 22.058 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

Instrument :

MSVOA_W

ClientSampleId :

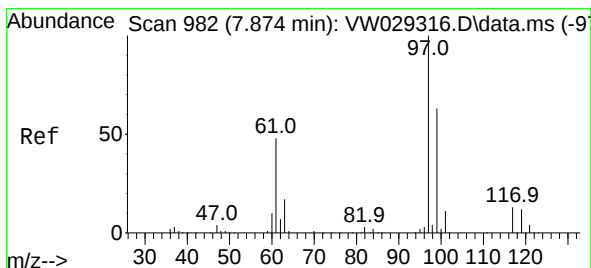
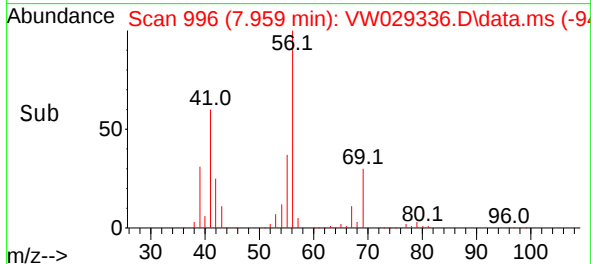
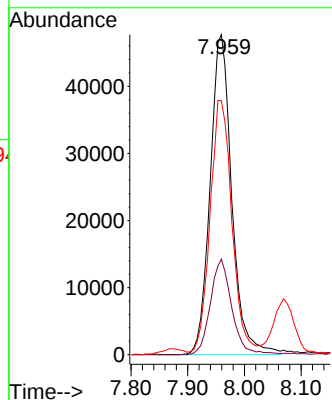
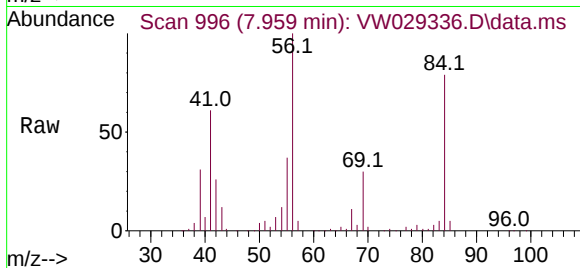
Tgt Ion: 56 Resp: 126731

Ion Ratio Lower Upper

56 100

69 29.1 23.4 35.0

84 79.4 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 23.274 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

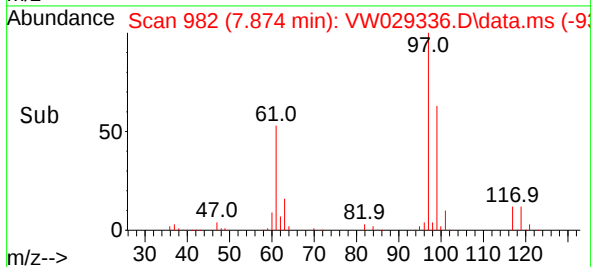
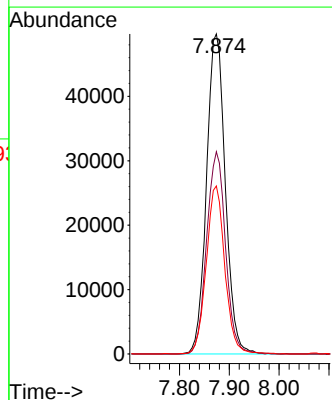
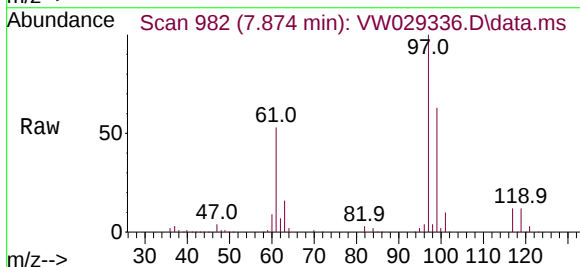
Tgt Ion: 97 Resp: 130066

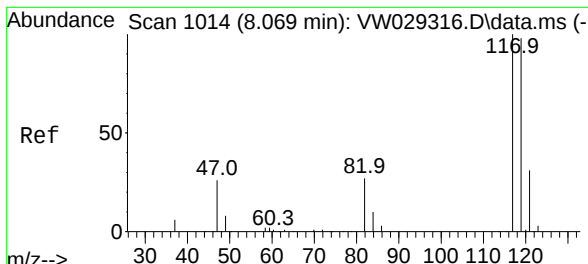
Ion Ratio Lower Upper

97 100

99 63.6 53.0 79.4

61 52.1 43.0 64.4

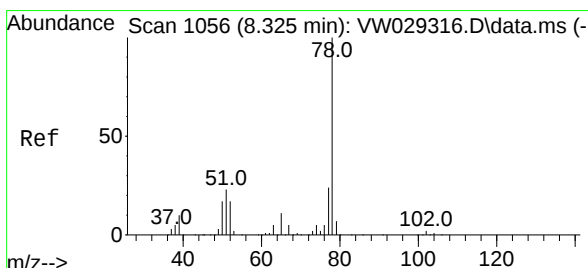
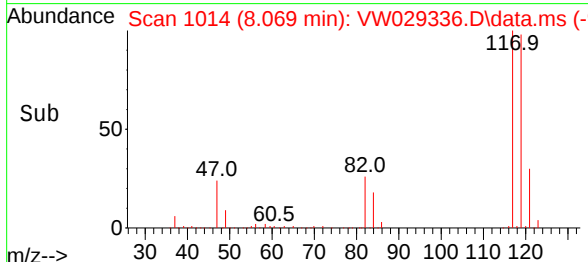
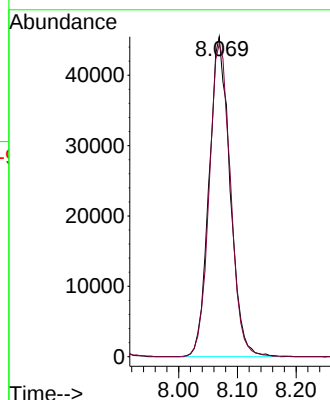
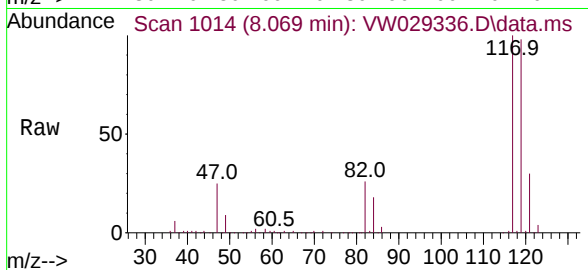




#31
Carbon tetrachloride
Concen: 22.147 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029336.D
Acq: 24 Jun 2024 18:46

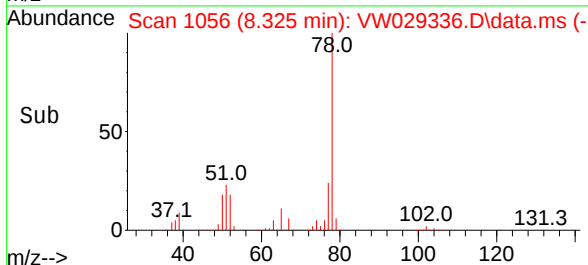
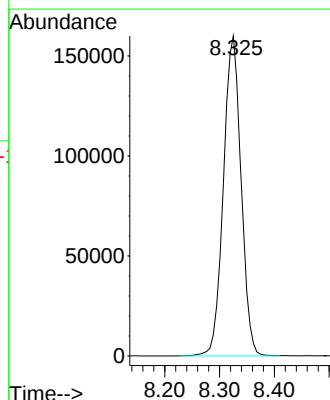
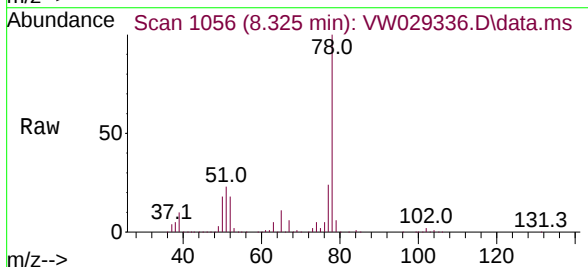
Instrument :
MSVOA_W
ClientSampleId :

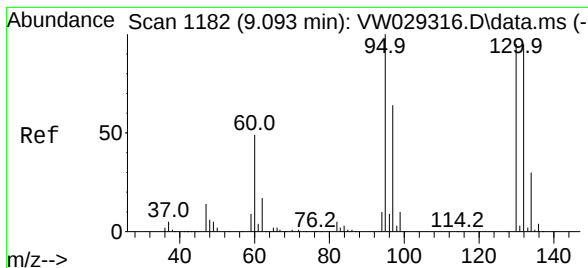
Tgt Ion:117 Resp: 113060
Ion Ratio Lower Upper
117 100
119 98.6 79.0 118.4



#33
Benzene
Concen: 23.761 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW029336.D
Acq: 24 Jun 2024 18:46

Tgt Ion: 78 Resp: 358808





#34

Trichloroethene

Concen: 22.454 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 90460

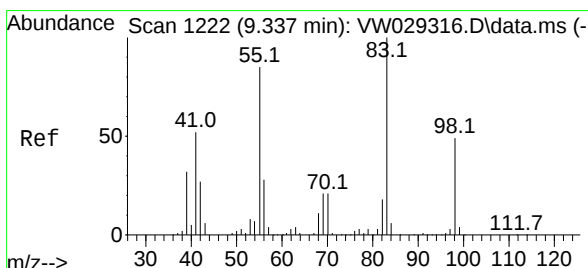
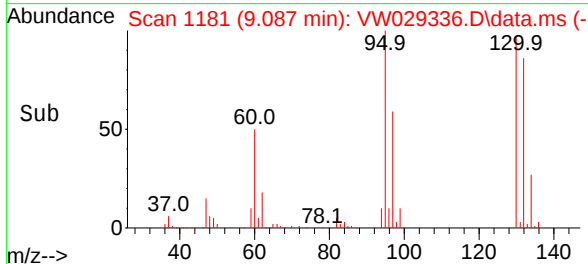
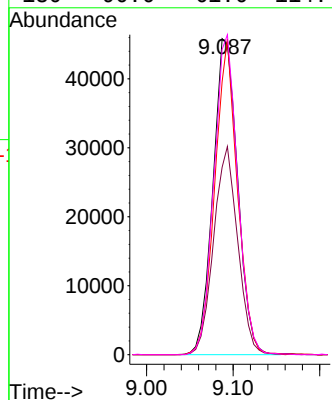
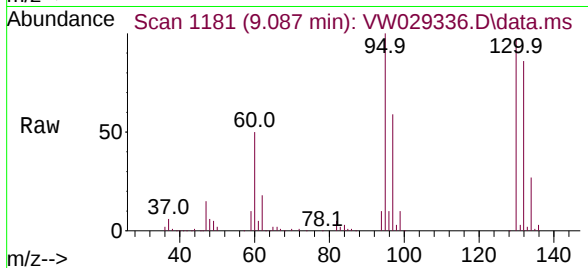
Ion Ratio Lower Upper

95 100

97 59.3 45.7 84.9

132 86.4 66.4 123.4

130 96.6 61.6 114.4



#35

Methylcyclohexane

Concen: 22.031 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

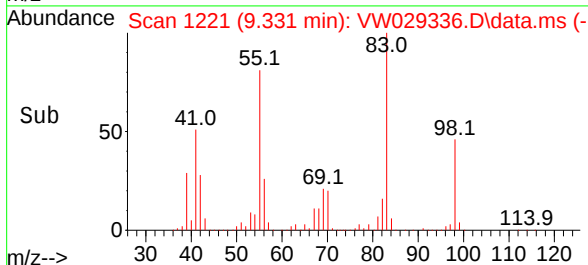
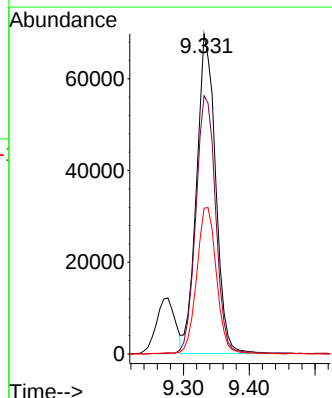
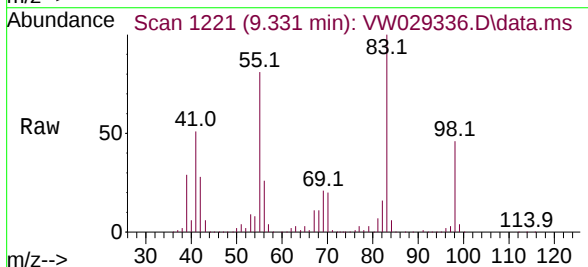
Tgt Ion: 83 Resp: 139587

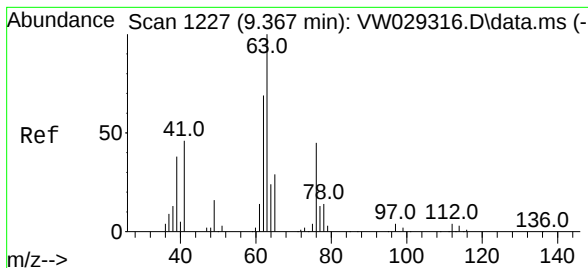
Ion Ratio Lower Upper

83 100

55 84.1 69.5 104.3

98 47.0 38.0 57.0





#37

1,2-Dichloropropane

Concen: 23.735 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

Instrument :

MSVOA_W

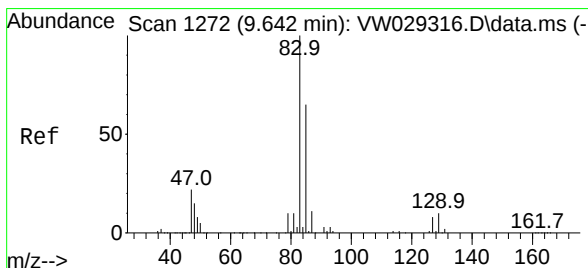
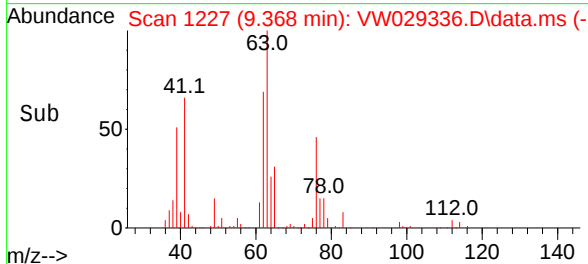
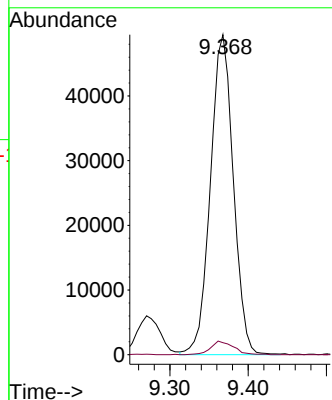
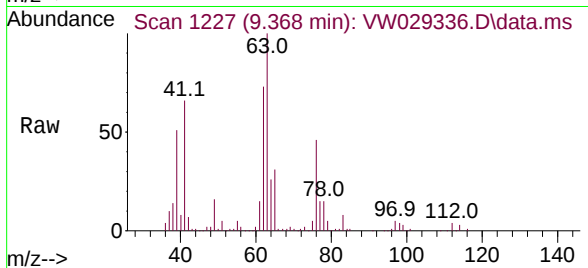
ClientSampleId :

Tgt Ion: 63 Resp: 100710

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.6



#38

Bromodichloromethane

Concen: 23.120 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

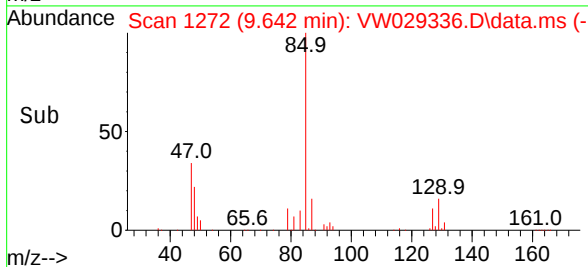
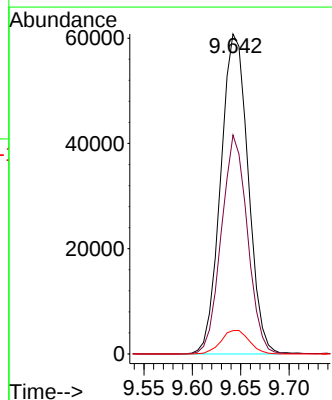
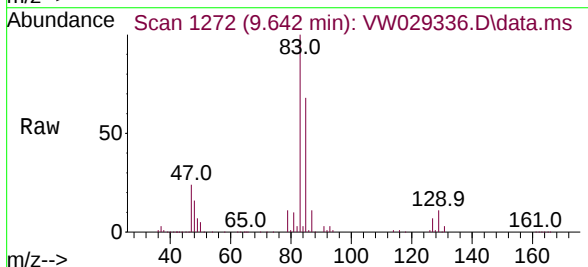
Tgt Ion: 83 Resp: 119945

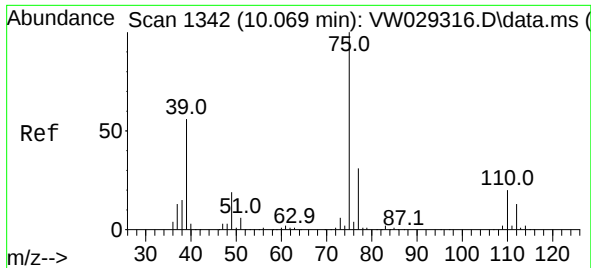
Ion Ratio Lower Upper

83 100

85 68.4 45.1 83.9

127 7.3 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 24.375 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

Instrument :

MSVOA_W

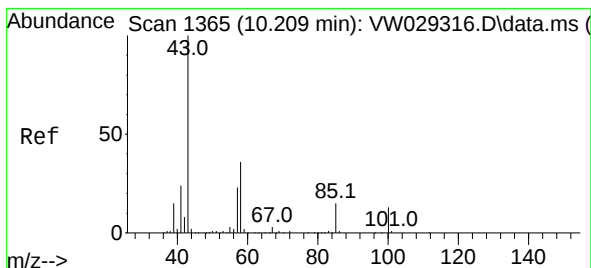
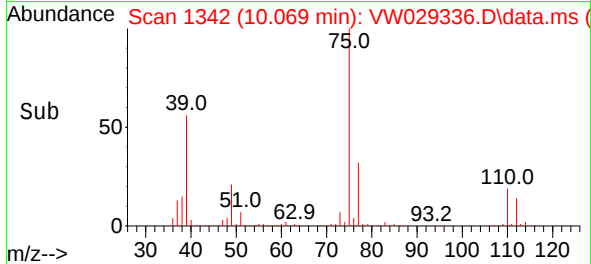
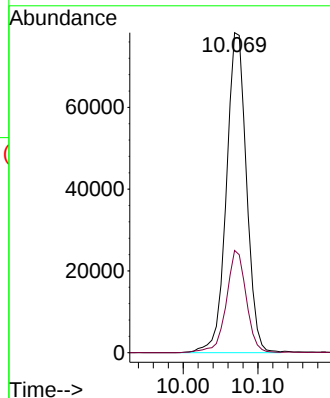
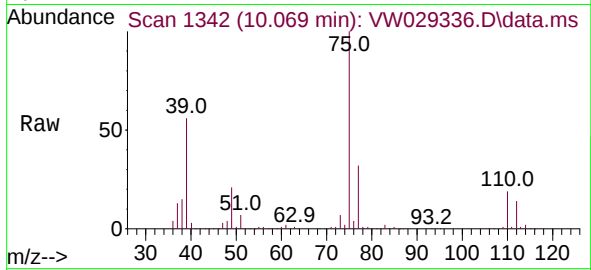
ClientSampleId :

Tgt Ion: 75 Resp: 146200

Ion Ratio Lower Upper

75 100

77 31.9 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 52.264 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

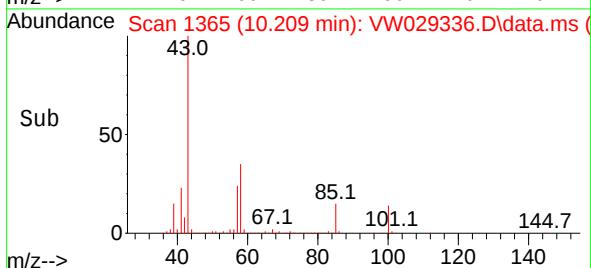
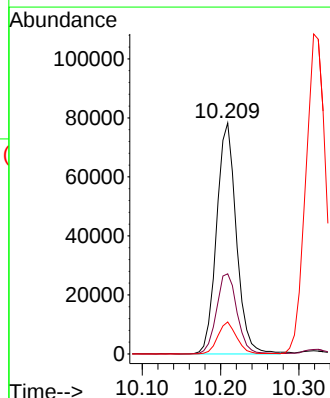
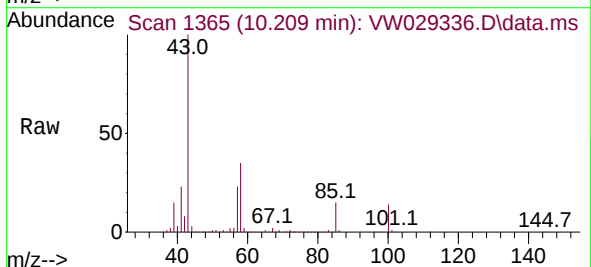
Tgt Ion: 43 Resp: 137451

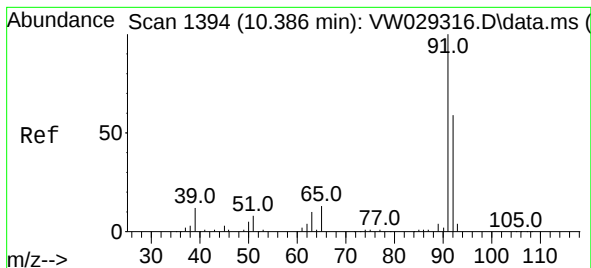
Ion Ratio Lower Upper

43 100

58 36.3 28.2 42.4

100 13.2 11.0 16.4





#42

Toluene

Concen: 24.692 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

Instrument :

MSVOA_W

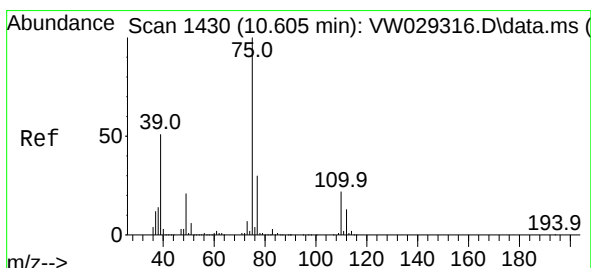
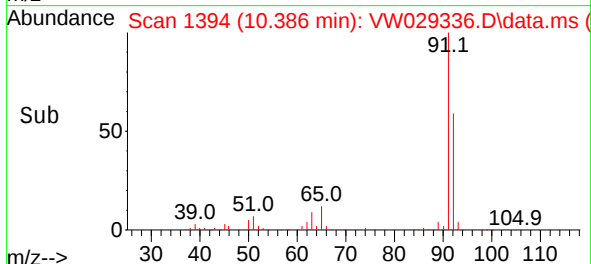
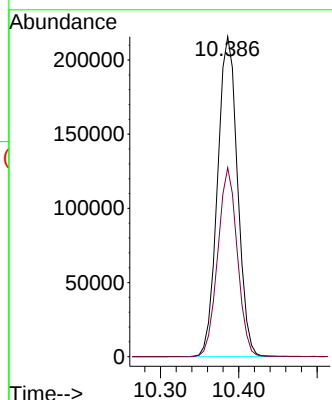
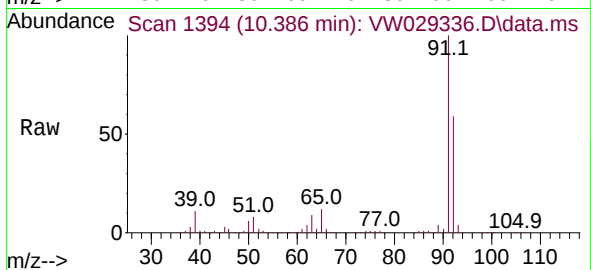
ClientSampleId :

Tgt Ion: 91 Resp: 383304

Ion Ratio Lower Upper

91 100

92 59.1 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 23.885 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029336.D

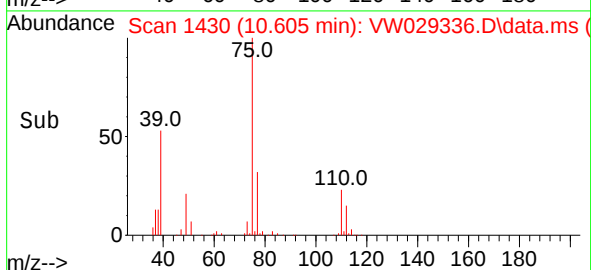
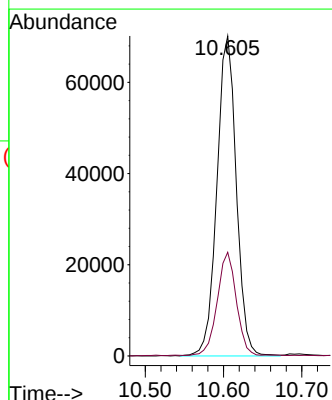
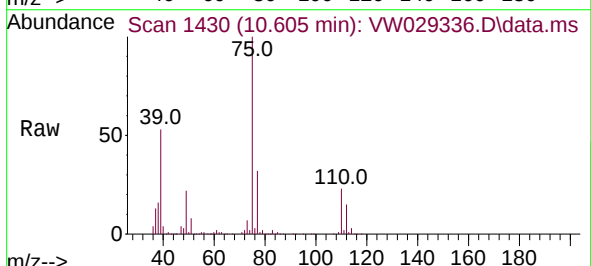
Acq: 24 Jun 2024 18:46

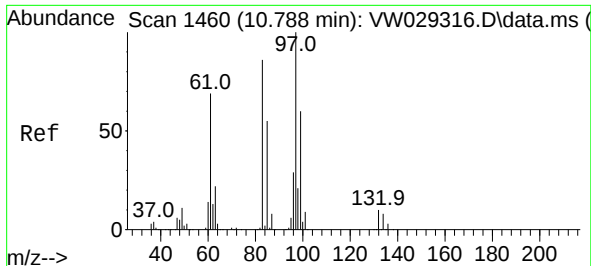
Tgt Ion: 75 Resp: 120966

Ion Ratio Lower Upper

75 100

77 32.4 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 23.899 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

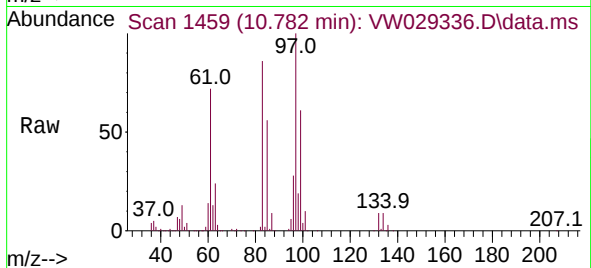
Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 70627

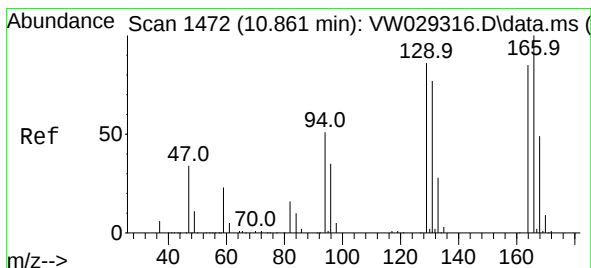
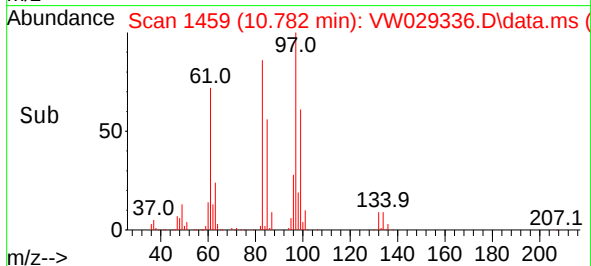
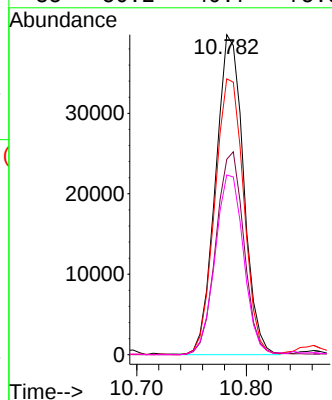
Ion Ratio Lower Upper

97 100

99 61.1 42.3 78.5

83 86.2 57.7 107.1

85 56.2 40.7 75.5



#46

Tetrachloroethene

Concen: 22.778 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

Tgt Ion:164 Resp: 64149

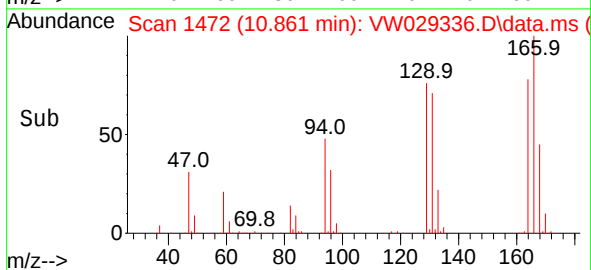
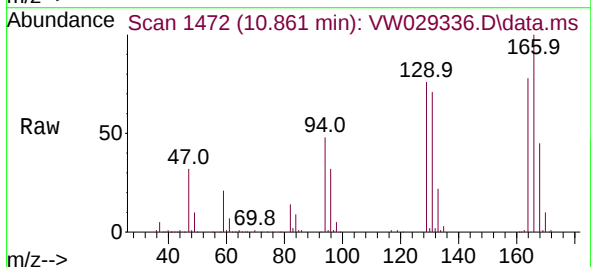
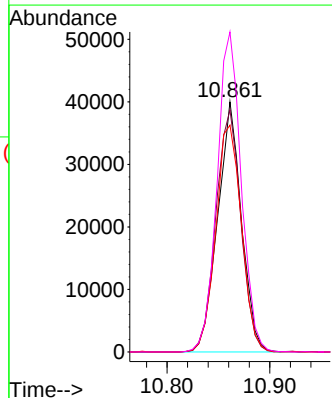
Ion Ratio Lower Upper

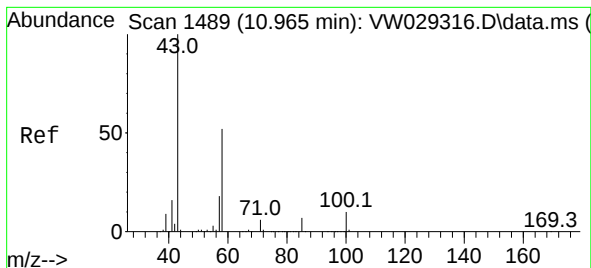
164 100

129 96.8 68.5 127.3

131 90.7 71.8 133.4

166 128.0 97.2 180.4





#48

2-Hexanone

Concen: 50.655 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

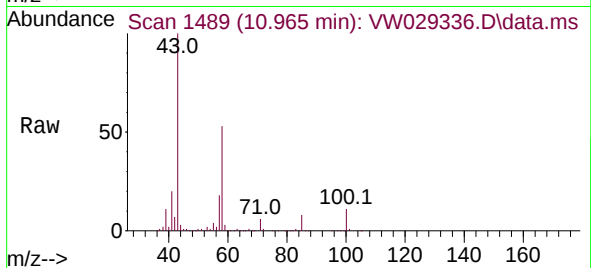
Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 94529

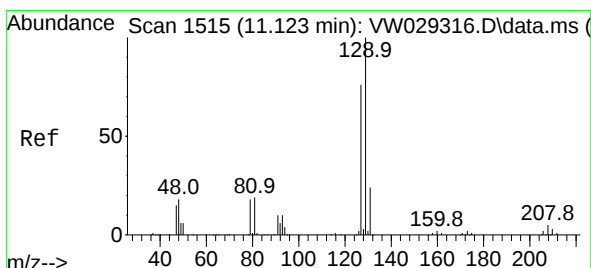
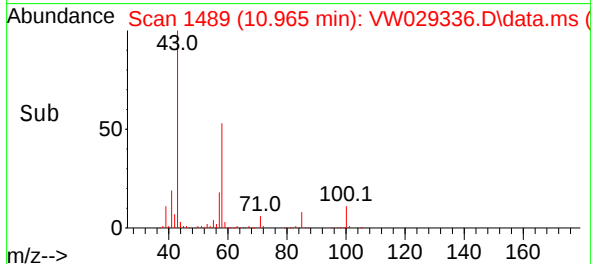
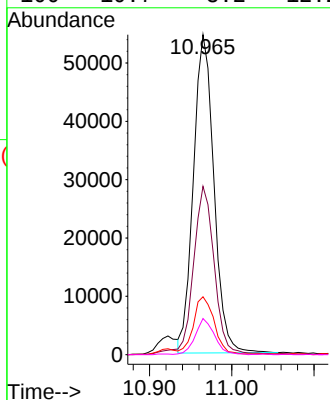
Ion Ratio Lower Upper

43 100

58 51.1 39.6 59.4

57 18.7 14.6 21.8

100 10.7 8.2 12.2



#49

Dibromochloromethane

Concen: 23.648 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW029336.D

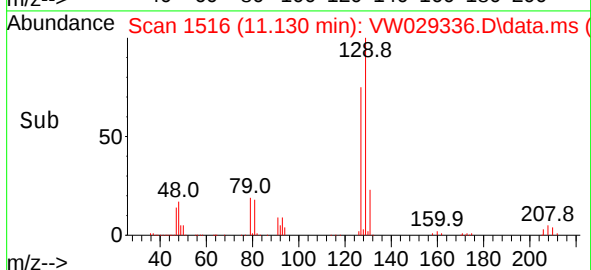
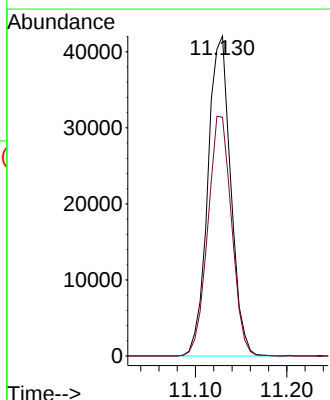
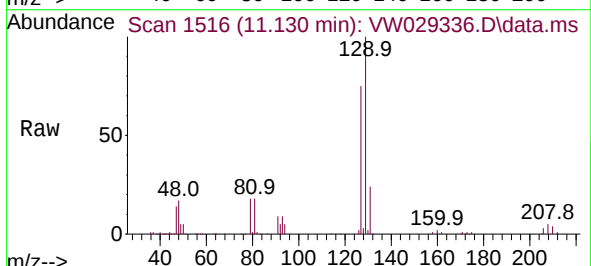
Acq: 24 Jun 2024 18:46

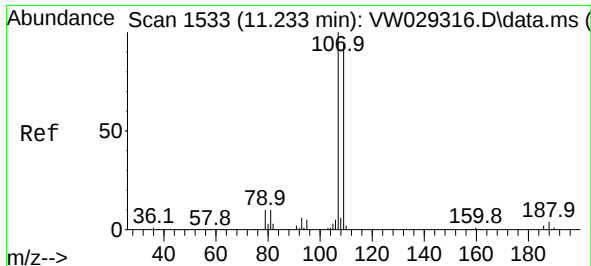
Tgt Ion: 129 Resp: 73052

Ion Ratio Lower Upper

129 100

127 74.6 54.8 101.8





#50

1,2-Dibromoethane

Concen: 24.215 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

Instrument :

MSVOA_W

ClientSampleId :

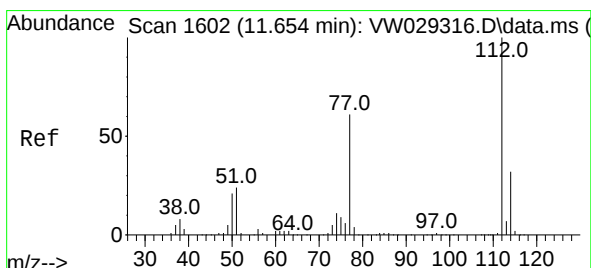
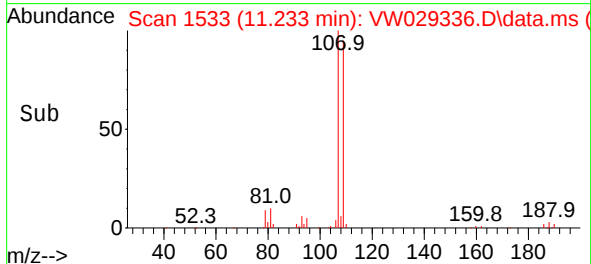
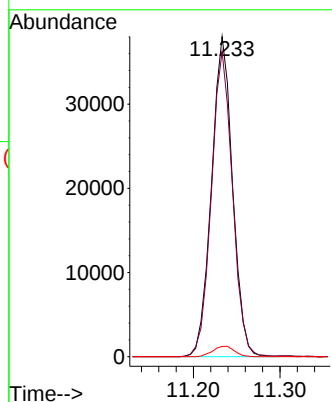
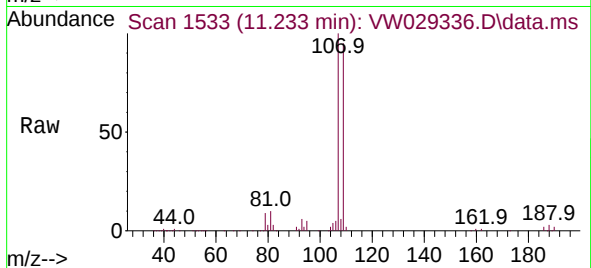
Tgt Ion:107 Resp: 64237

Ion Ratio Lower Upper

107 100

109 95.4 65.5 121.6

188 3.2 2.6 4.0



#51

Chlorobenzene

Concen: 24.267 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

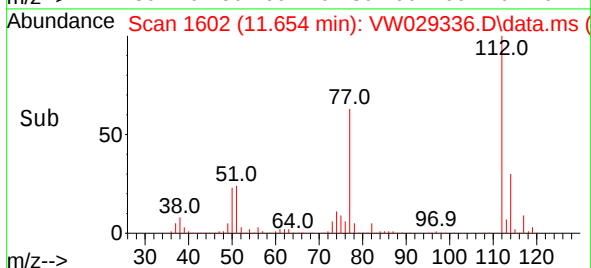
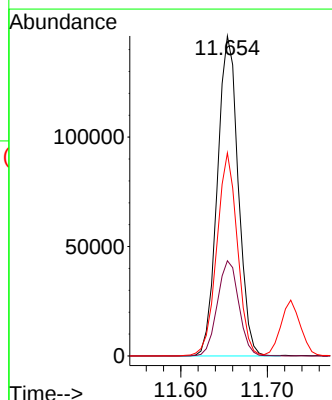
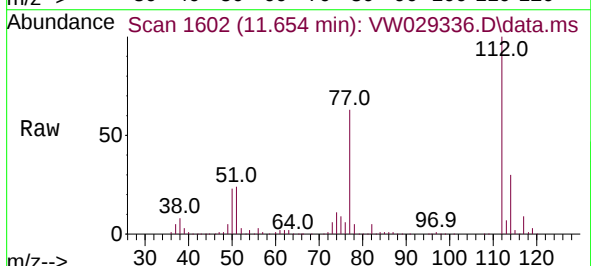
Tgt Ion:112 Resp: 244625

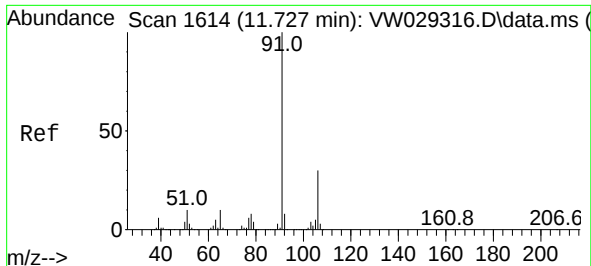
Ion Ratio Lower Upper

112 100

114 29.8 22.6 42.0

77 63.4 51.0 76.6





#52

Ethylbenzene

Concen: 24.041 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

Instrument :

MSVOA_W

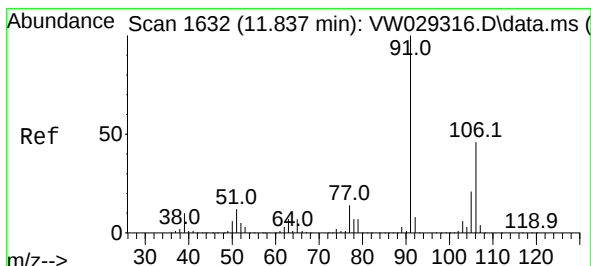
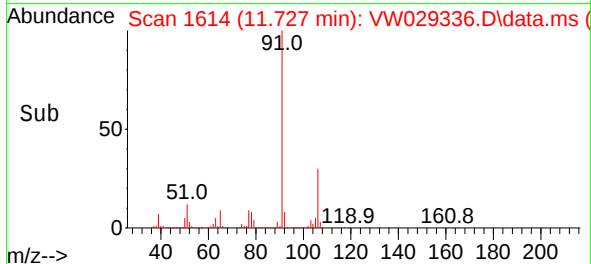
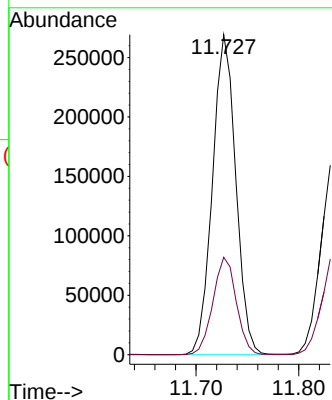
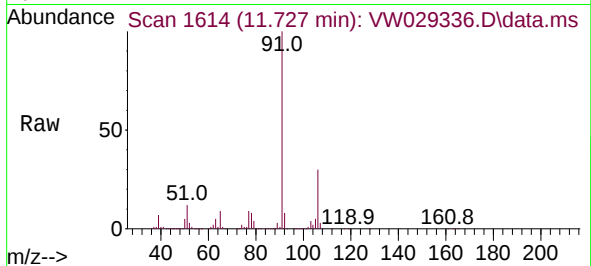
ClientSampleId :

Tgt Ion: 91 Resp: 423630

Ion Ratio Lower Upper

91 100

106 30.4 19.9 37.0



#53

m,p-Xylene

Concen: 23.878 ug/L

RT: 11.831 min Scan# 1631

Delta R.T. -0.006 min

Lab File: VW029336.D

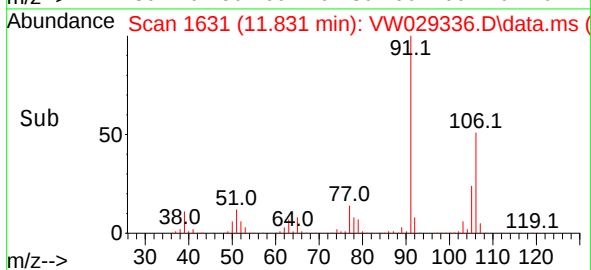
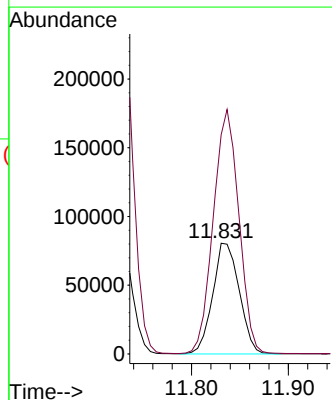
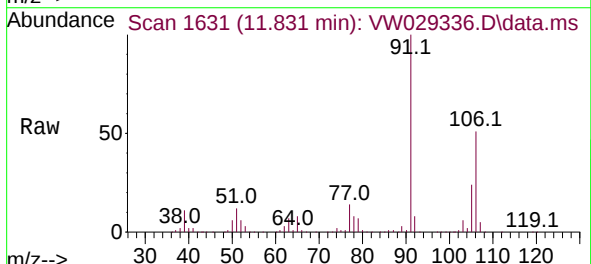
Acq: 24 Jun 2024 18:46

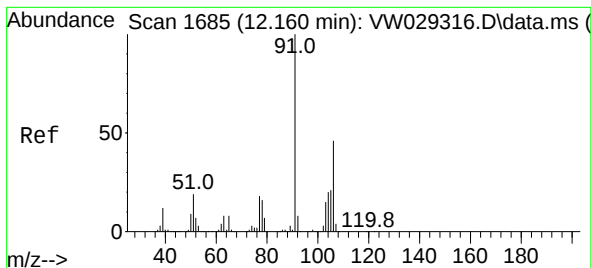
Tgt Ion:106 Resp: 153691

Ion Ratio Lower Upper

106 100

91 197.9 140.5 260.9





#54

o-Xylene

Concen: 24.421 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

Instrument :

MSVOA_W

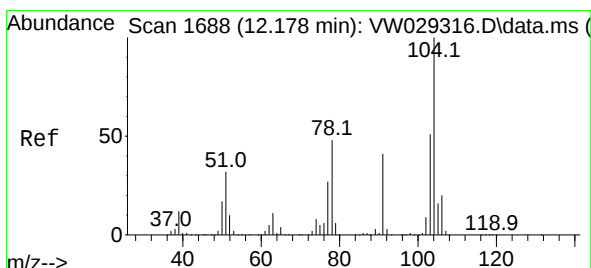
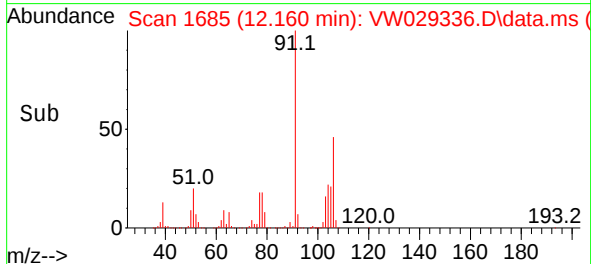
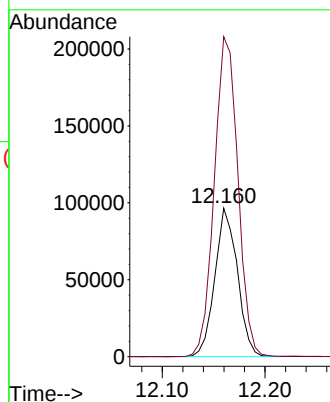
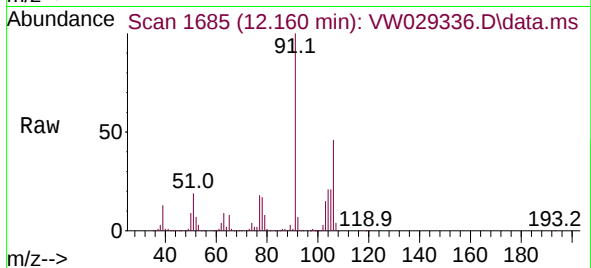
ClientSampleId :

Tgt Ion:106 Resp: 146906

Ion Ratio Lower Upper

106 100

91 215.5 149.9 278.5



#55

Styrene

Concen: 25.060 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029336.D

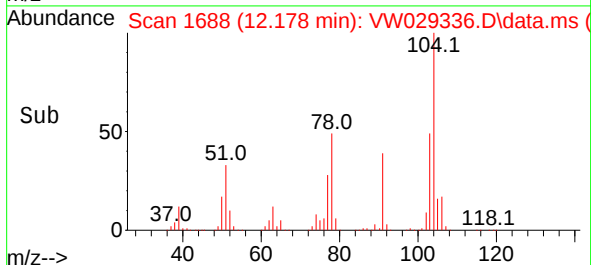
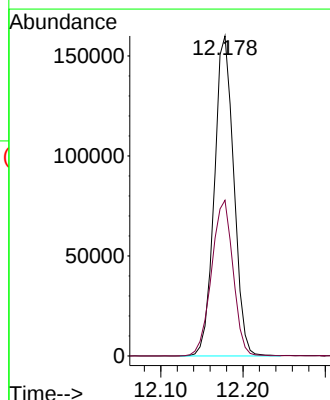
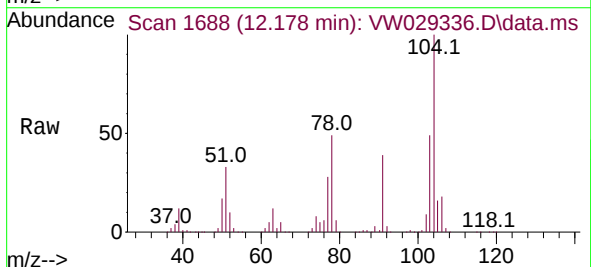
Acq: 24 Jun 2024 18:46

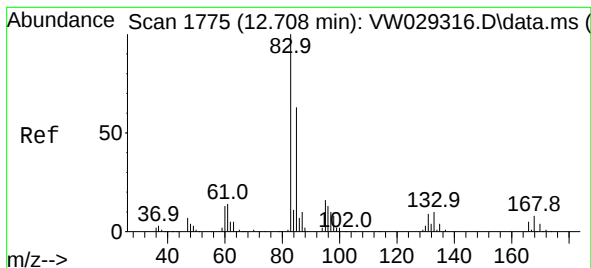
Tgt Ion:104 Resp: 262840

Ion Ratio Lower Upper

104 100

78 48.7 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 24.303 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

Instrument :

MSVOA_W

ClientSampleId :

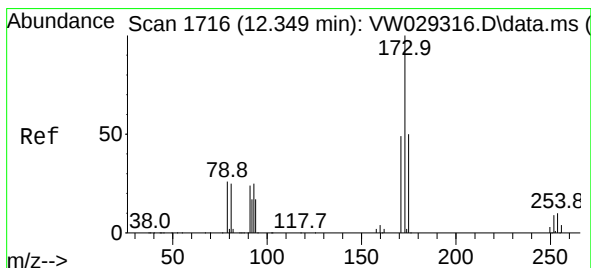
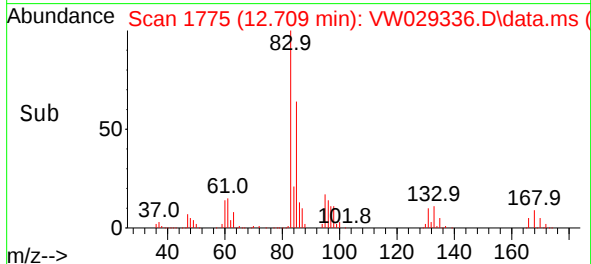
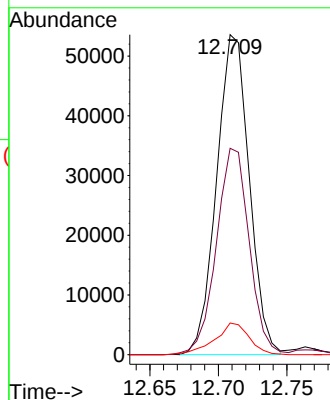
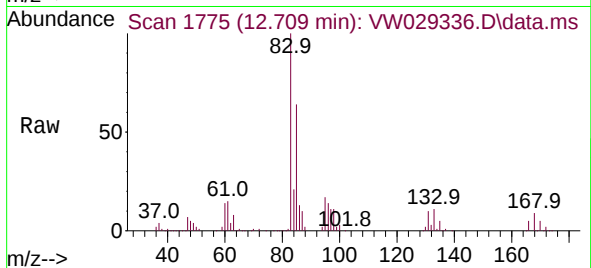
Tgt Ion: 83 Resp: 88840

Ion Ratio Lower Upper

83 100

85 64.5 45.8 85.0

131 9.9 7.8 11.6



#59

Bromoform

Concen: 24.139 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

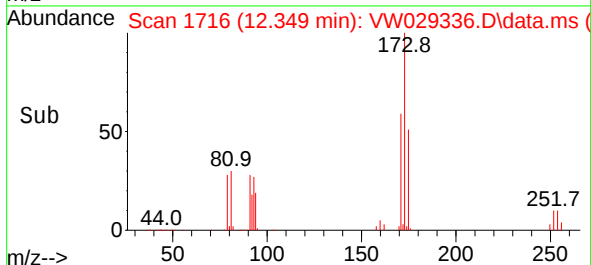
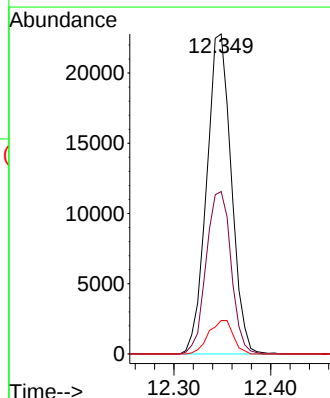
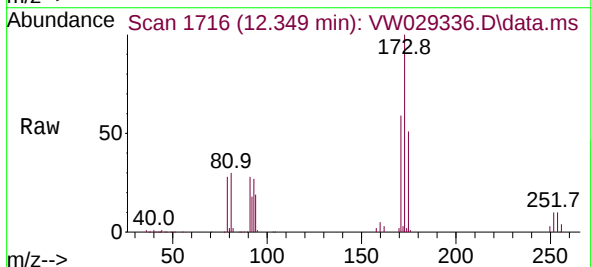
Tgt Ion:173 Resp: 40442

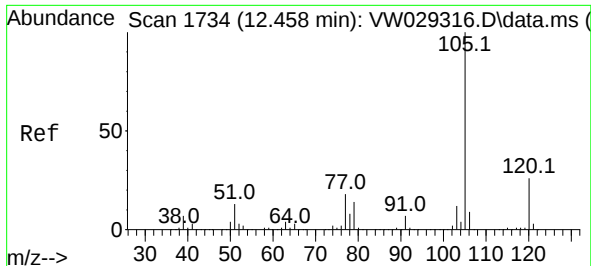
Ion Ratio Lower Upper

173 100

175 51.2 37.8 56.8

254 10.4 7.8 11.6





#60

Isopropylbenzene

Concen: 25.606 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

Instrument :

MSVOA_W

ClientSampleId :

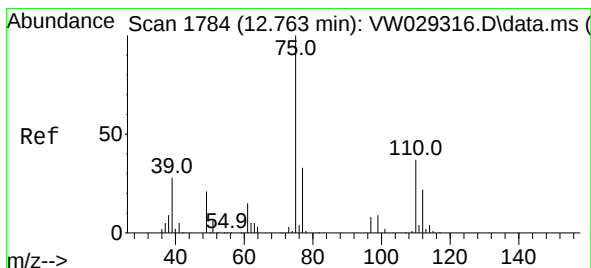
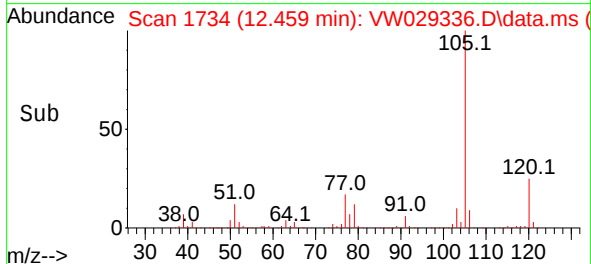
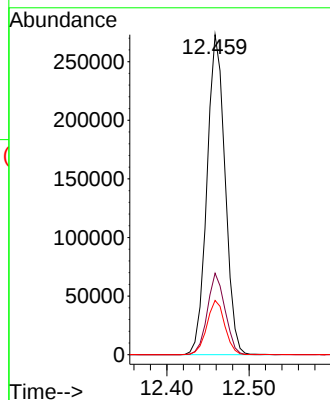
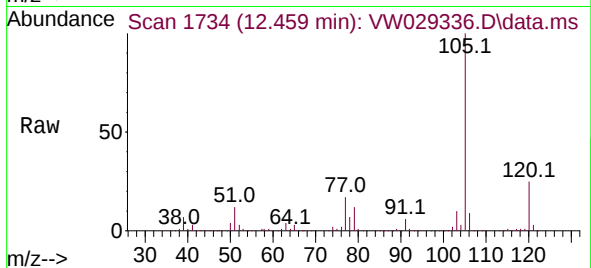
Tgt Ion:105 Resp: 417070

Ion Ratio Lower Upper

105 100

120 24.9 20.5 30.7

77 16.9 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 24.467 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

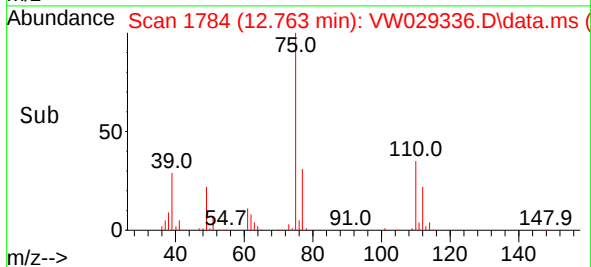
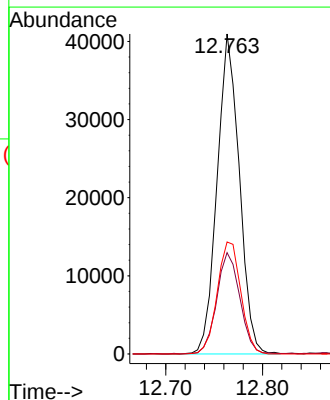
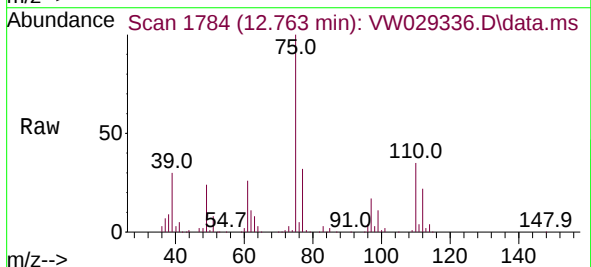
Tgt Ion: 75 Resp: 65236

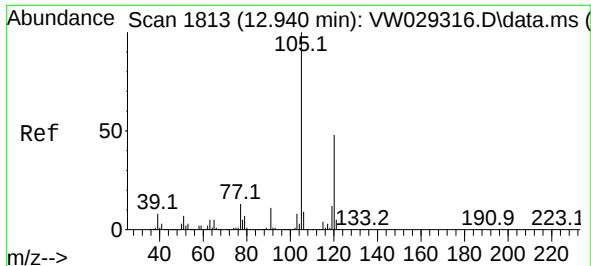
Ion Ratio Lower Upper

75 100

77 32.9 26.6 39.8

110 37.2 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 25.472 ug/L

RT: 12.934 min Scan# 1812

Delta R.T. -0.006 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

Instrument :

MSVOA_W

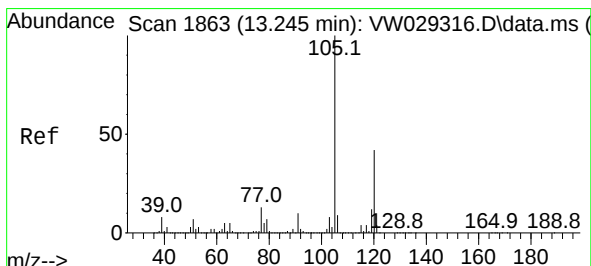
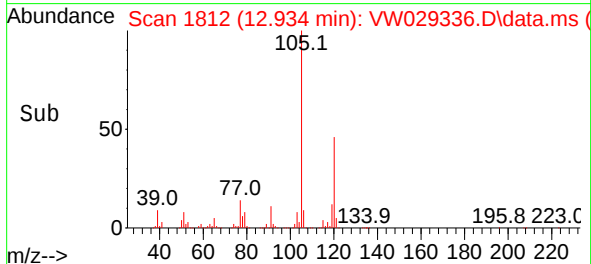
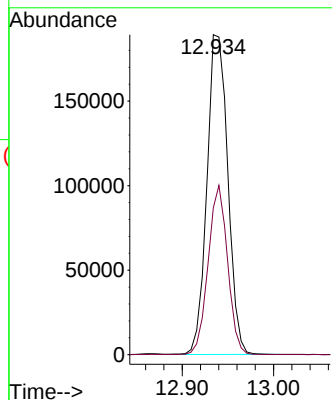
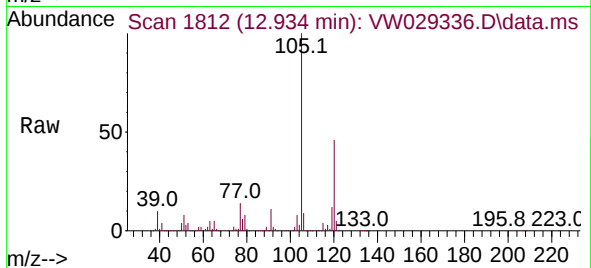
ClientSampleId :

Tgt Ion:105 Resp: 300470

Ion Ratio Lower Upper

105 100

120 49.2 36.4 54.6



#63

1,2,4-Trimethylbenzene

Concen: 25.977 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029336.D

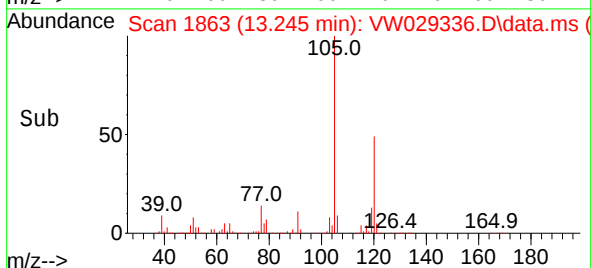
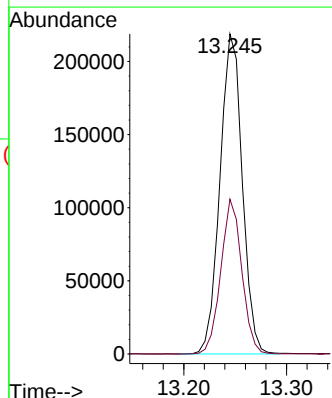
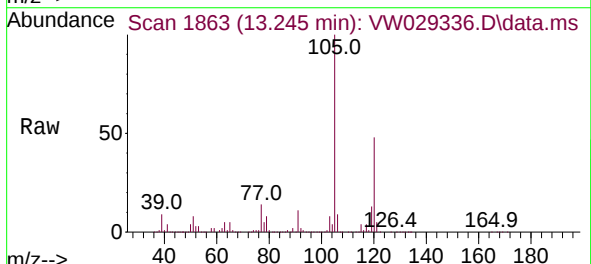
Acq: 24 Jun 2024 18:46

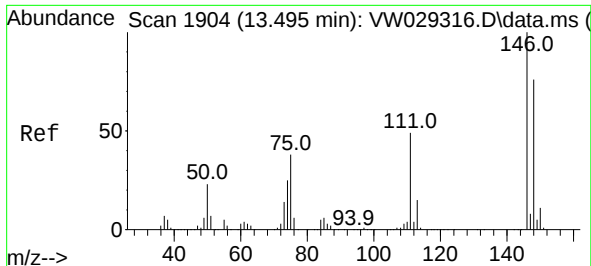
Tgt Ion:105 Resp: 329694

Ion Ratio Lower Upper

105 100

120 45.5 34.9 52.3

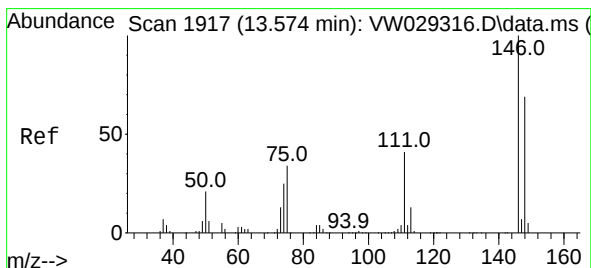
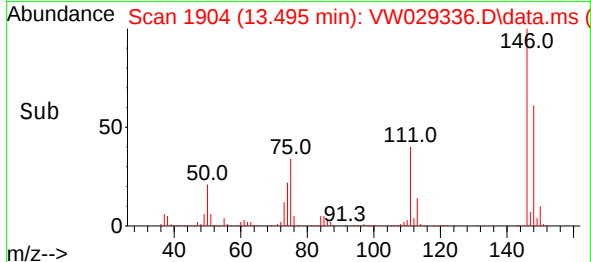
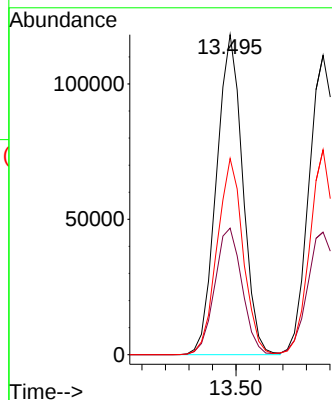
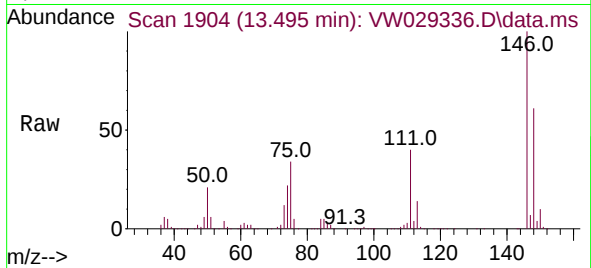




#64
1,3-Dichlorobenzene
Concen: 26.045 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029336.D
Acq: 24 Jun 2024 18:46

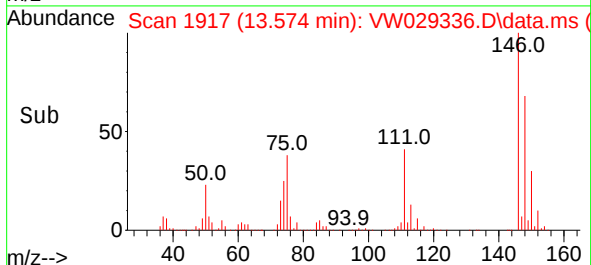
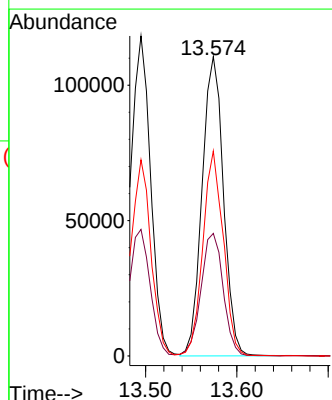
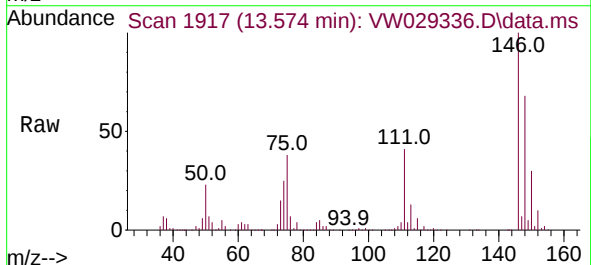
Instrument :
MSVOA_W
ClientSampleId :

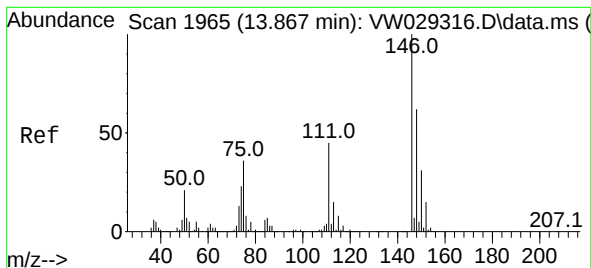
Tgt Ion:146 Resp: 183585
Ion Ratio Lower Upper
146 100
111 39.6 33.0 61.2
148 61.3 47.5 88.1



#65
1,4-Dichlorobenzene
Concen: 23.926 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029336.D
Acq: 24 Jun 2024 18:46

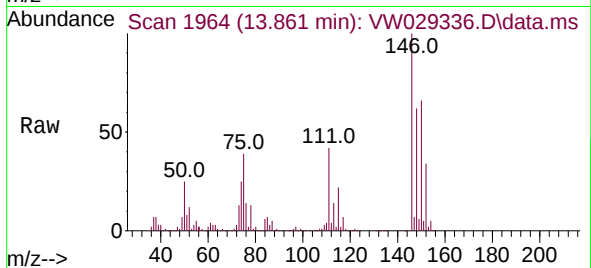
Tgt Ion:146 Resp: 179433
Ion Ratio Lower Upper
146 100
111 41.0 28.9 53.7
148 68.5 42.0 78.0



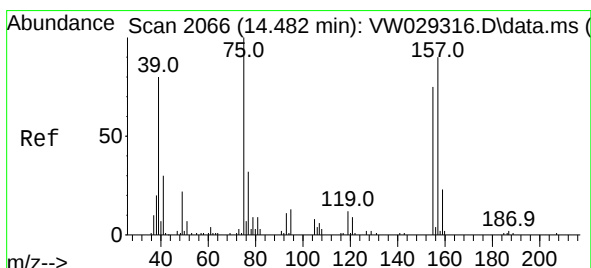
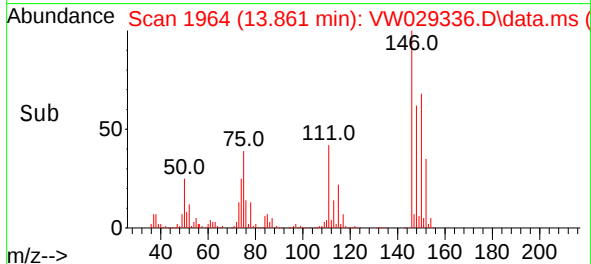
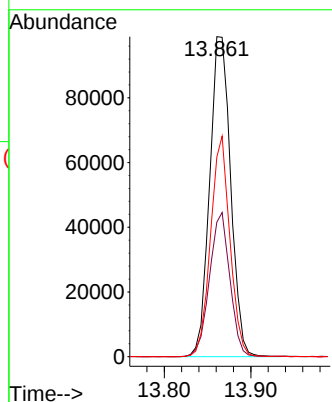


#67
1,2-Dichlorobenzene
Concen: 25.584 ug/L
RT: 13.861 min Scan# 1965
Delta R.T. -0.006 min
Lab File: VW029336.D
Acq: 24 Jun 2024 18:46

Instrument :
MSVOA_W
ClientSampleId :

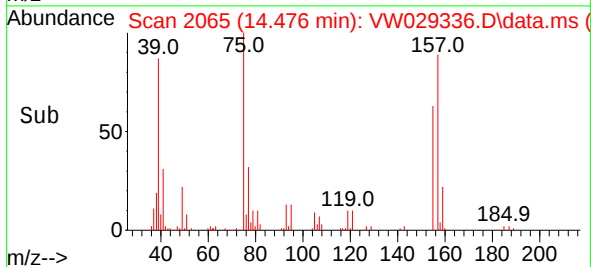
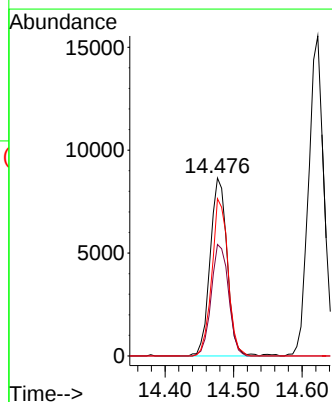
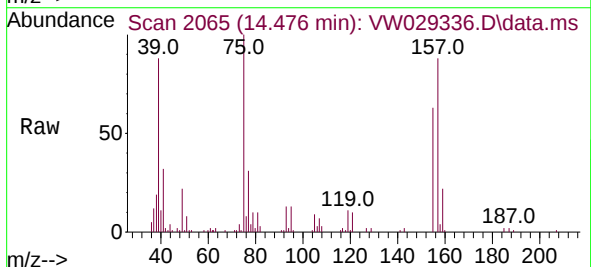


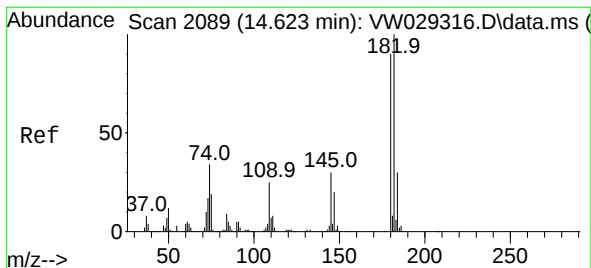
Tgt Ion:146 Resp: 166716
Ion Ratio Lower Upper
146 100
111 42.1 34.2 51.4
148 62.4 46.3 69.5



#68
1,2-Dibromo-3-chloropropane
Concen: 24.058 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW029336.D
Acq: 24 Jun 2024 18:46

Tgt Ion: 75 Resp: 14969
Ion Ratio Lower Upper
75 100
155 62.7 51.0 76.6
157 88.4 58.8 88.2#





#69

1,3,5-Trichlorobenzene

Concen: 24.597 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 117013

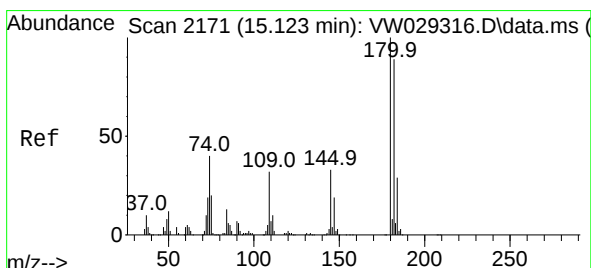
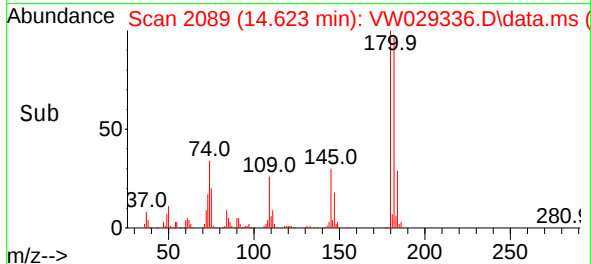
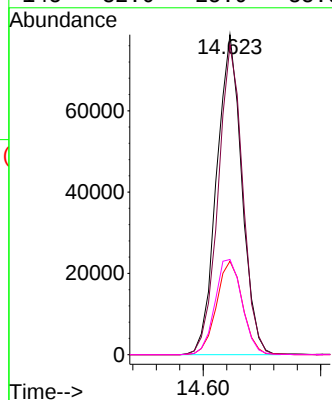
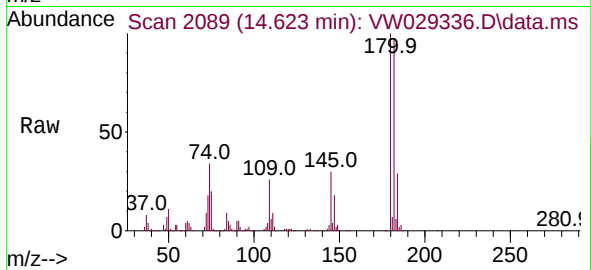
Ion Ratio Lower Upper

180 100

182 94.5 72.9 109.3

184 30.3 23.8 35.6

145 32.0 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 24.698 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW029336.D

Acq: 24 Jun 2024 18:46

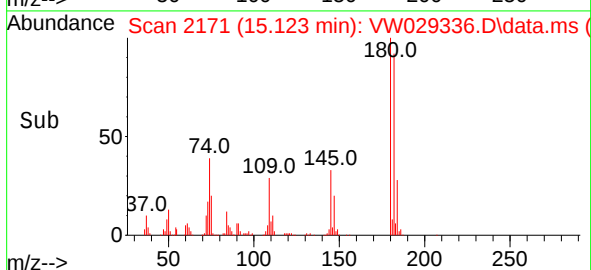
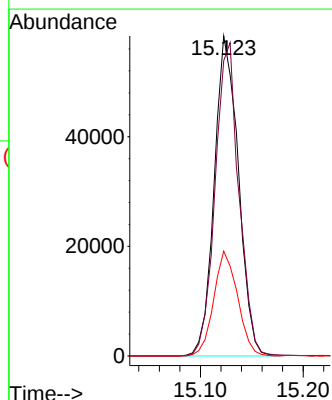
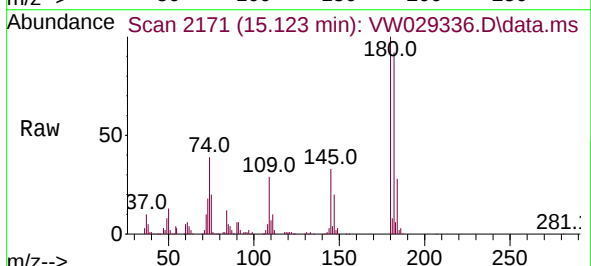
Tgt Ion:180 Resp: 95242

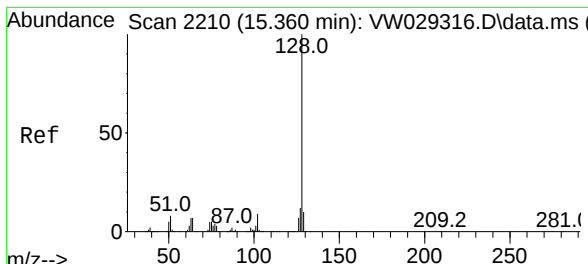
Ion Ratio Lower Upper

180 100

182 96.2 77.7 116.5

145 32.4 25.7 38.5



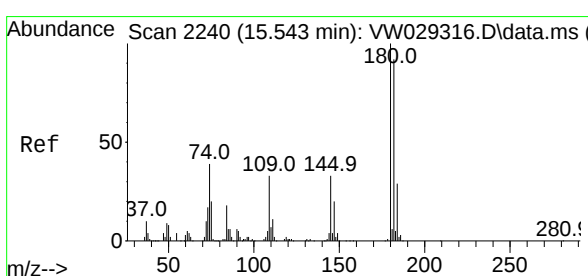
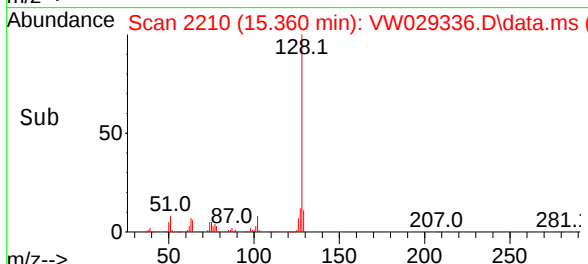
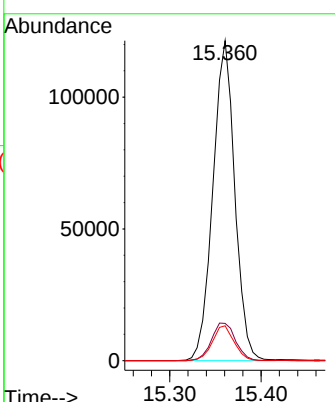
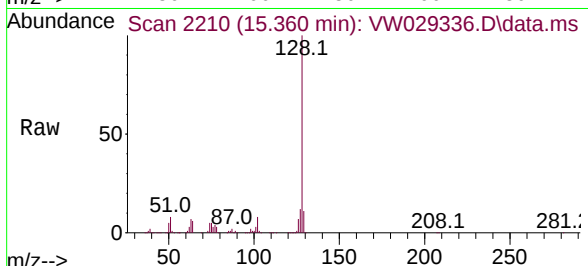


#71
Naphthalene
Concen: 26.570 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW029336.D
Acq: 24 Jun 2024 18:46

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 202229

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 25.178 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW029336.D
Acq: 24 Jun 2024 18:46

Tgt Ion:180 Resp: 88467

Ion	Ratio	Lower	Upper
180	100		
182	95.6	73.0	109.6
145	34.2	28.1	42.1

