

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061224\
 Data File : VW029117.D
 Acq On : 12 Jun 2024 19:14
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 13 00:53:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 13 00:47:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	306986	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	281714	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	145170	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	90402	18.537	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.160%
7) Chloroethane-d5	2.899	69	78055	20.843	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.360%
11) 1,1-Dichloroethene-d2	4.021	65	42991	20.056	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.240%
21) 2-Butanone-d5	7.075	46	63778	64.007	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.020%
24) Chloroform-d	7.648	84	209151	23.881	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.520%
26) 1,2-Dichloroethane-d4	8.307	65	113363	24.586	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.360%
32) Benzene-d6	8.276	84	406809	23.527	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.120%
36) 1,2-Dichloropropane-d6	9.270	67	129503	24.702	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.800%
41) Toluene-d8	10.318	98	358755	23.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	10.574	79	49097	24.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.480%
47) 2-Hexanone-d5	10.922	63	43937	63.509	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103516	28.423	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	116322	22.580	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	60281	17.196	ug/L	98
3) Chloromethane	2.222	50	92392	21.574	ug/L	99
5) Vinyl chloride	2.375	62	109669	21.155	ug/L	97
6) Bromomethane	2.789	94	67595	21.762	ug/L	98
8) Chloroethane	2.936	64	69228	22.113	ug/L	98
9) Trichlorofluoromethane	3.271	101	90944	21.105	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	91025	21.408	ug/L #	68
12) 1,1-Dichloroethene	4.051	96	91435	23.563	ug/L	82
13) Acetone	4.118	43	49122	47.042	ug/L	99
14) Carbon disulfide	4.387	76	290864	22.140	ug/L	99
15) Methyl Acetate	4.673	43	52909	30.507	ug/L	99
16) Methylene chloride	4.923	84	114372	24.824	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	102804	24.299	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	165781	28.100	ug/L	100
19) 1,1-Dichloroethane	6.215	63	211321	25.406	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	115365	26.010	ug/L	96
22) 2-Butanone	7.173	43	71462	56.794	ug/L	100
23) Bromochloromethane	7.514	128	48934	25.274	ug/L	99
25) Chloroform	7.679	83	205753	25.469	ug/L	97

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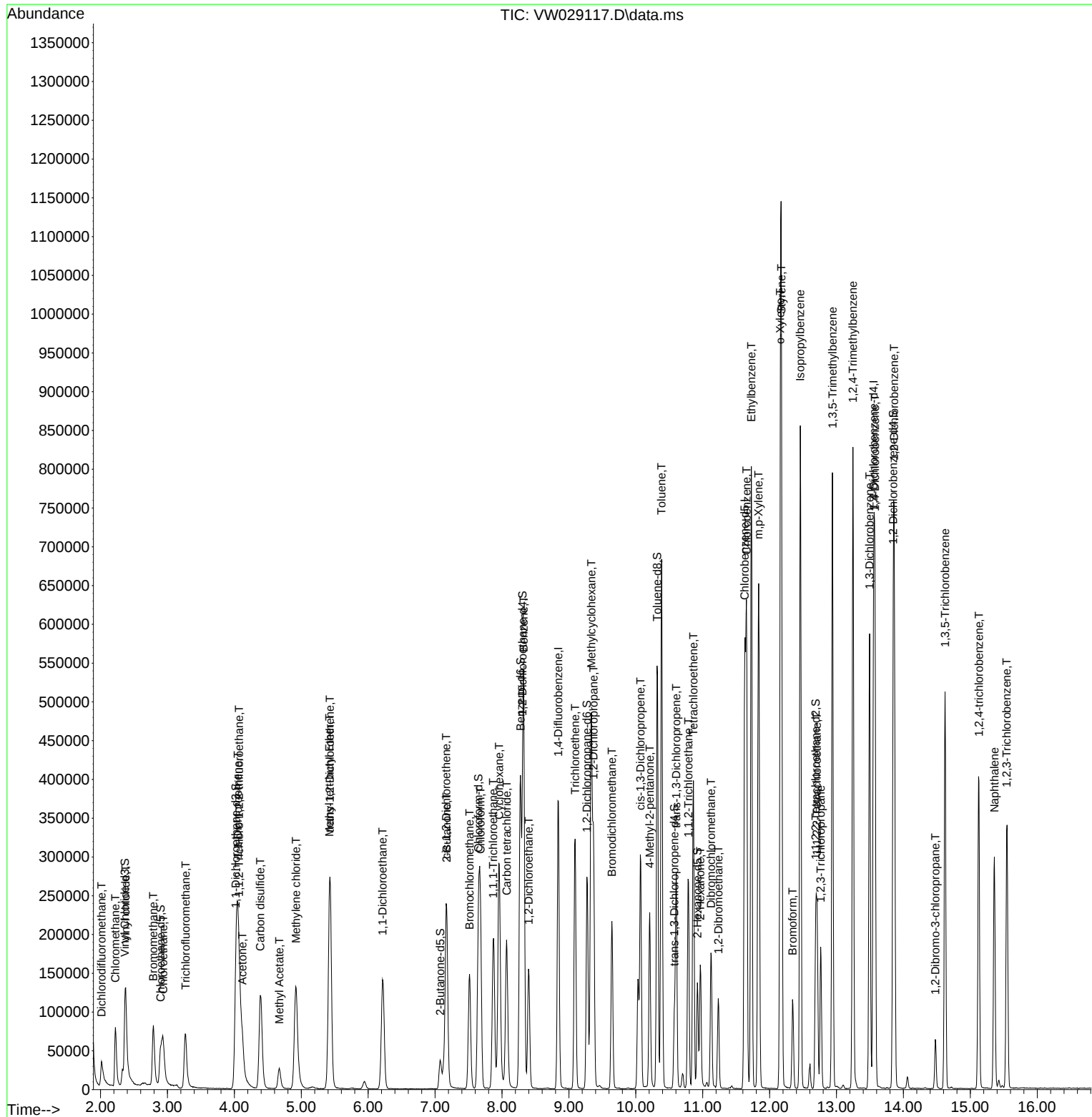
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	141340	26.107	ug/L	100
29) Cyclohexane	7.959	56	169379	24.182	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	159791	24.480	ug/L	99
31) Carbon tetrachloride	8.069	117	142118	23.904	ug/L	97
33) Benzene	8.325	78	455387	25.997	ug/L	100
34) Trichloroethene	9.093	95	115577	25.097	ug/L	94
35) Methylcyclohexane	9.337	83	187369	23.984	ug/L	99
37) 1,2-Dichloropropane	9.367	63	121879	26.570	ug/L	99
38) Bromodichloromethane	9.642	83	143136	25.585	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	175094	26.265	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	152702	65.447	ug/L	99
42) Toluene	10.385	91	478919	26.763	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	147630	27.469	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	85627	27.639	ug/L	96
46) Tetrachloroethene	10.861	164	86602	24.752	ug/L	94
48) 2-Hexanone	10.965	43	103788	59.330	ug/L	99
49) Dibromochloromethane	11.123	129	89702	27.414	ug/L	98
50) 1,2-Dibromoethane	11.233	107	77827	27.519	ug/L	95
51) Chlorobenzene	11.654	112	297508	25.881	ug/L	98
52) Ethylbenzene	11.727	91	535491	26.338	ug/L	93
53) m,p-Xylene	11.836	106	203486	27.021	ug/L	84
54) o-Xylene	12.160	106	192544	27.612	ug/L	99
55) Styrene	12.178	104	339268	28.221	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	102639	29.348	ug/L	96
59) Bromoform	12.342	173	51335	27.500	ug/L	99
60) Isopropylbenzene	12.458	105	529354	25.766	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	75158	27.447	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	393883	26.359	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	417964	26.467	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	225662	25.559	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	225156	24.417	ug/L	95
67) 1,2-Dichlorobenzene	13.860	146	197040	24.900	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	16735	28.673	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	150958	24.902	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	128206	26.095	ug/L	95
71) Naphthalene	15.360	128	248037	29.630	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	107139	25.523	ug/L	95

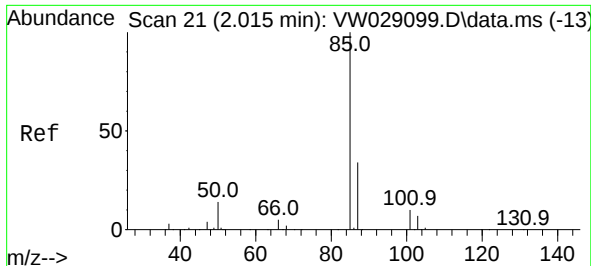
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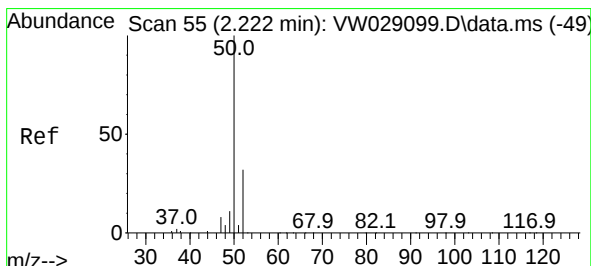
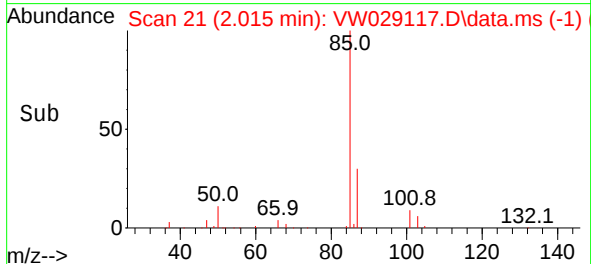
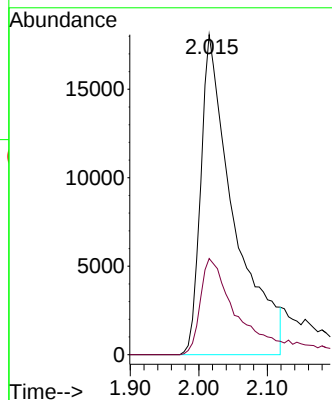
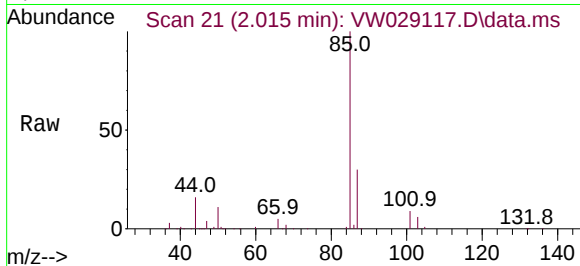




#2
 Dichlorodifluoromethane
 Concen: 17.196 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029117.D
 Acq: 12 Jun 2024 19:14

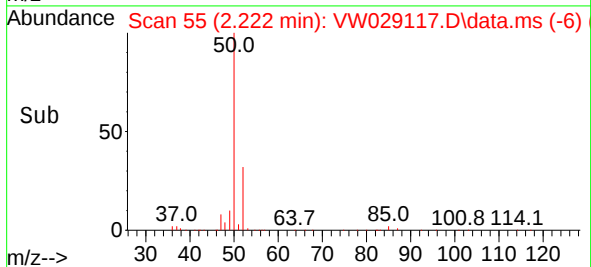
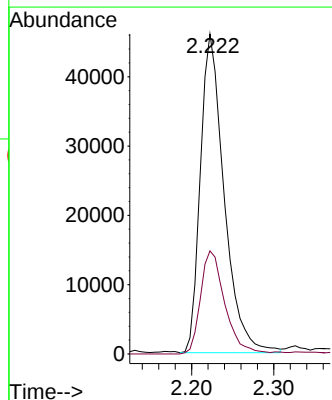
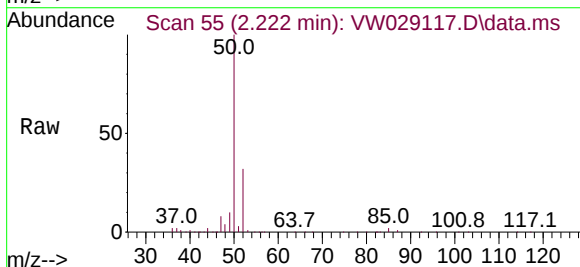
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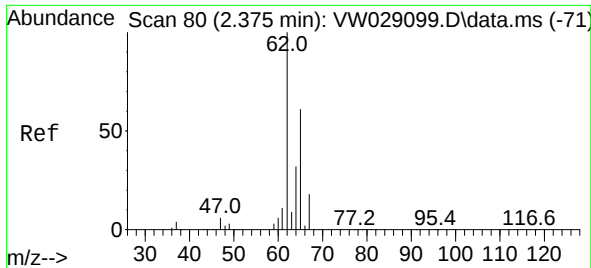
Tgt Ion: 85 Resp: 60281
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.3 37.9



#3
 Chloromethane
 Concen: 21.574 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029117.D
 Acq: 12 Jun 2024 19:14

Tgt Ion: 50 Resp: 92392
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.1 41.1

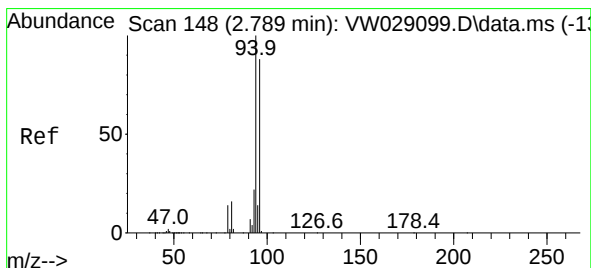
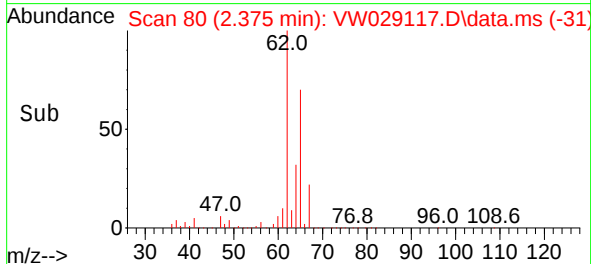
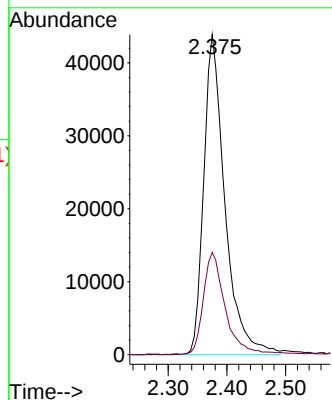
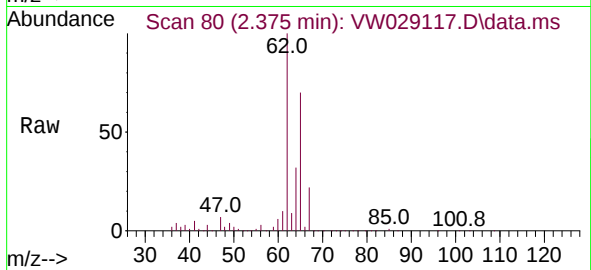




#5
 Vinyl chloride
 Concen: 21.155 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029117.D
 Acq: 12 Jun 2024 19:14

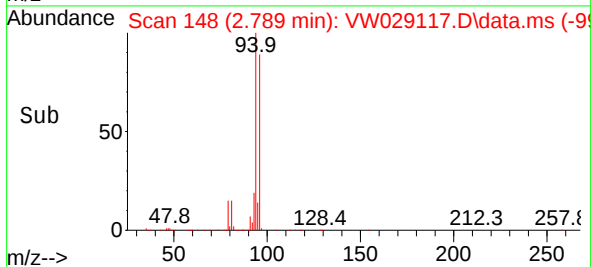
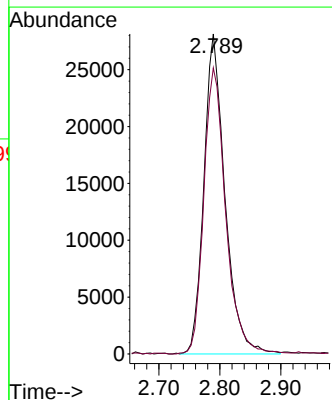
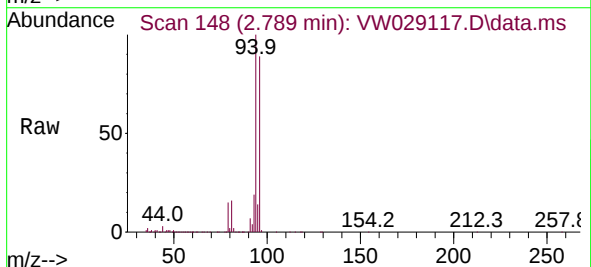
Instrument :
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 ClientSampleId :

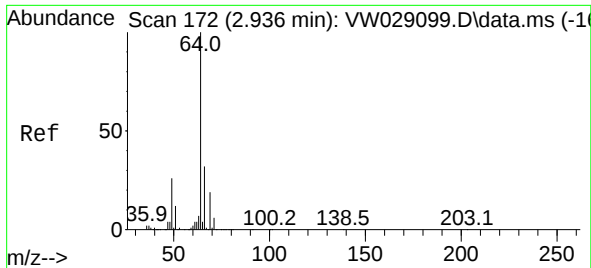
Tgt Ion: 62 Resp: 109669
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.4 43.4



#6
 Bromomethane
 Concen: 21.762 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029117.D
 Acq: 12 Jun 2024 19:14

Tgt Ion: 94 Resp: 67595
 Ion Ratio Lower Upper
 94 100
 96 89.4 63.7 118.3

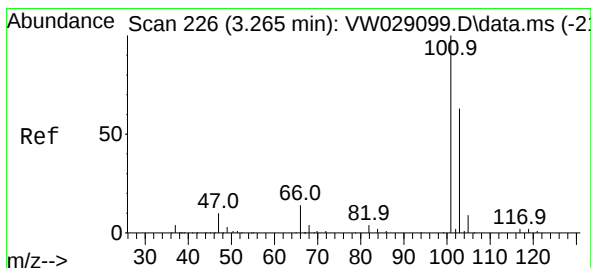
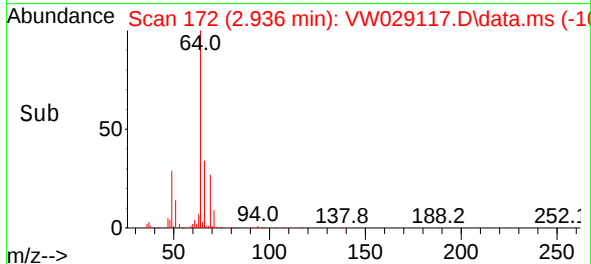
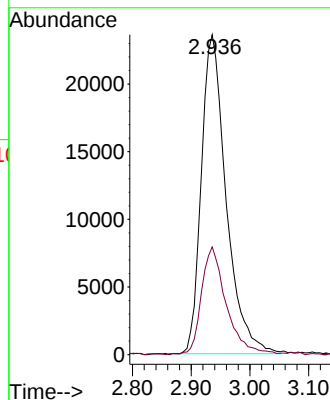
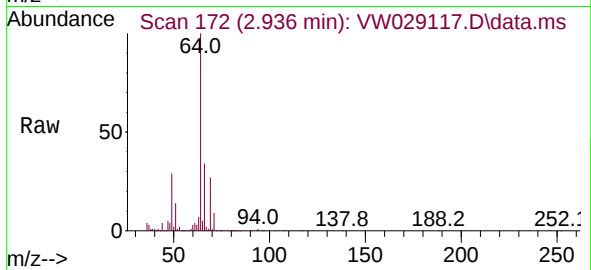




#8
Chloroethane
Concen: 22.113 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

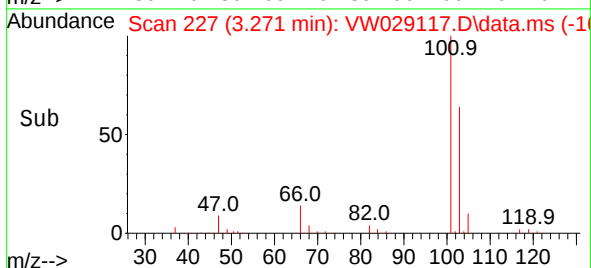
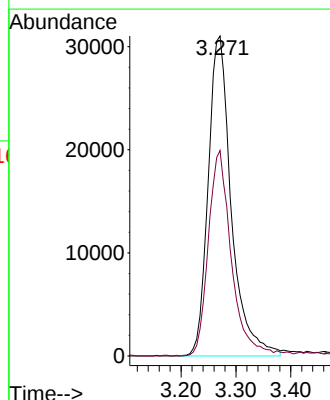
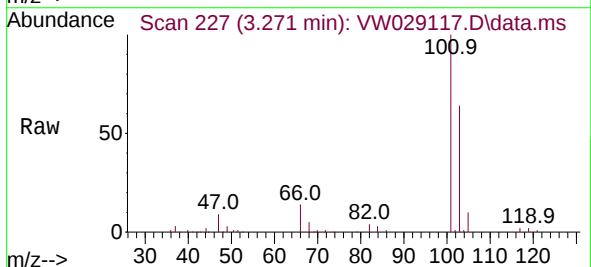
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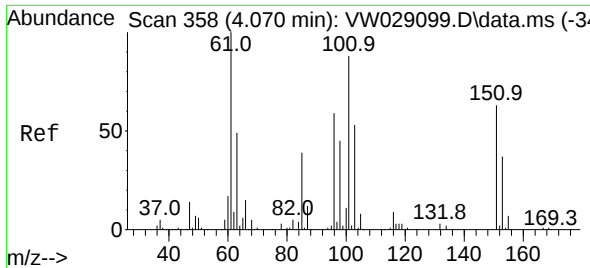
Tgt Ion: 64 Resp: 69228
Ion Ratio Lower Upper
64 100
66 33.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 21.105 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

Tgt Ion:101 Resp: 90944
Ion Ratio Lower Upper
101 100
103 63.4 51.3 76.9





#10

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

Concen: 21.408 ug/L

RT: 4.070 min Scan# 358

Delta R.T. -0.000 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :

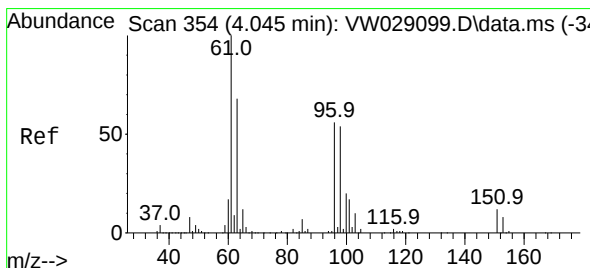
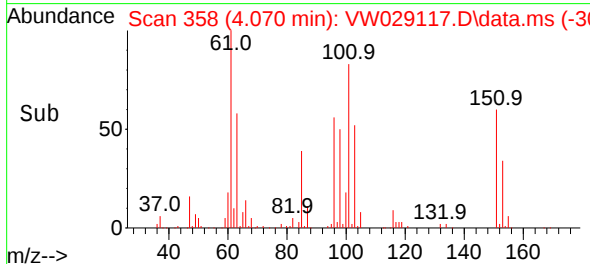
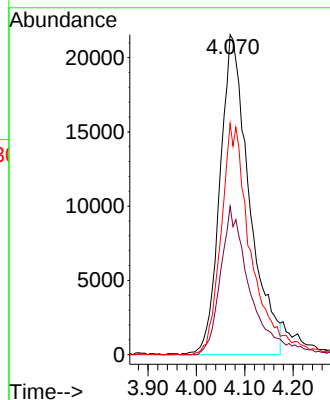
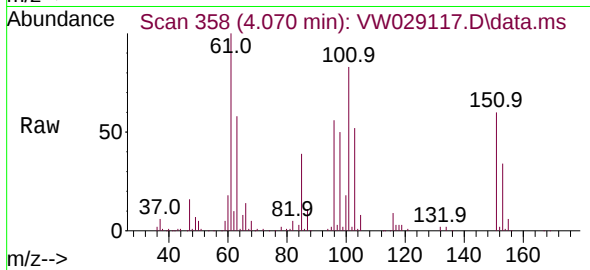
Tgt Ion:101 Resp: 91025

Ion Ratio Lower Upper

101 100

85 46.7 35.8 53.8

151 31.8 58.5 87.7#



#12

1,1-Dichloroethene

Concen: 23.563 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

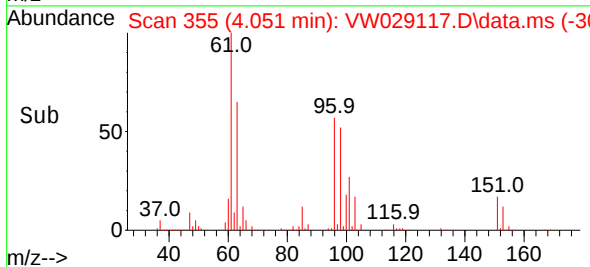
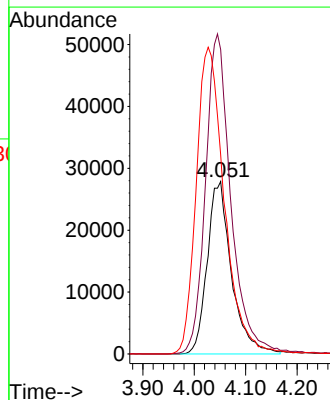
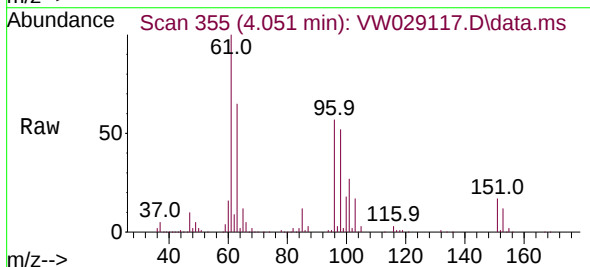
Tgt Ion: 96 Resp: 91435

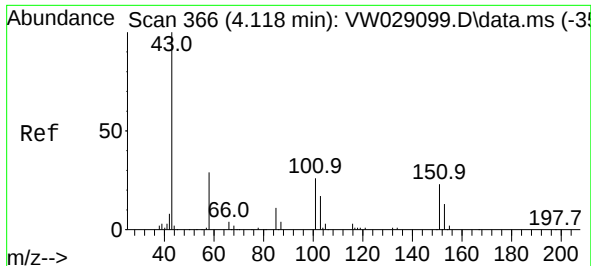
Ion Ratio Lower Upper

96 100

61 176.5 132.2 245.4

63 115.4 108.4 201.2

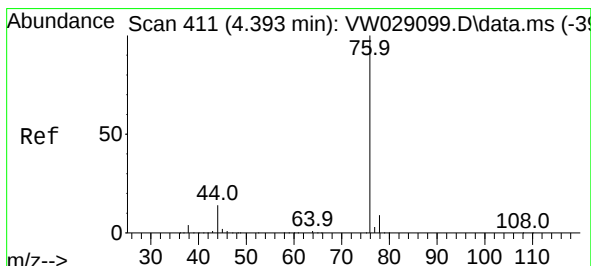
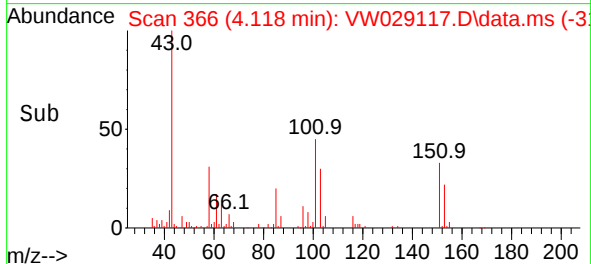
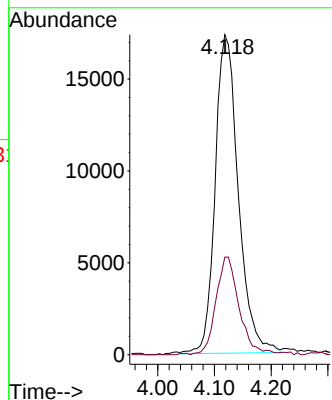
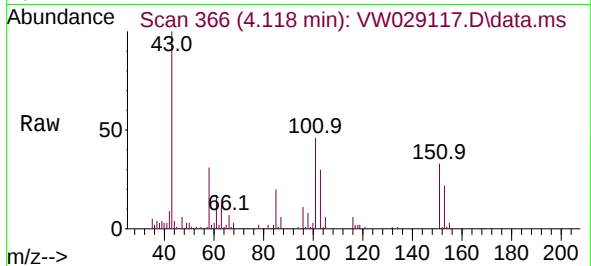




#13
Acetone
Concen: 47.042 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
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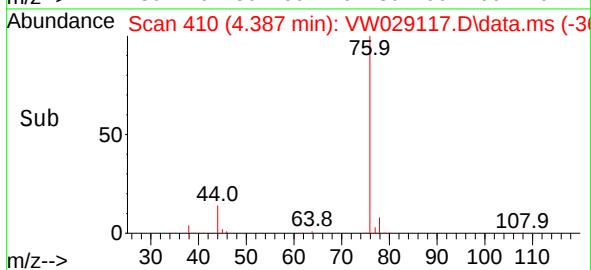
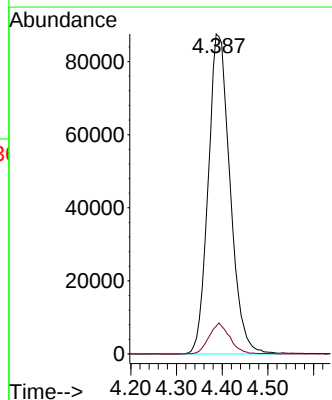
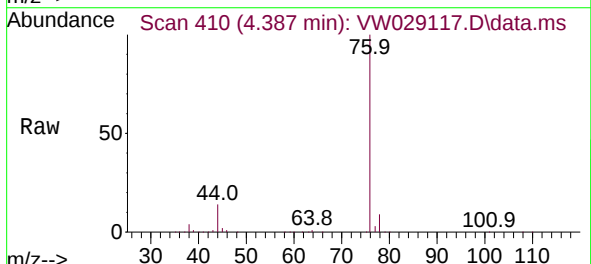
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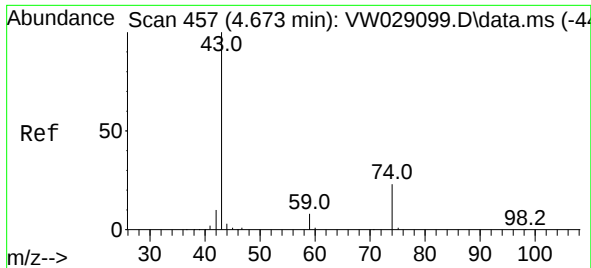
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Ion Ratio Lower Upper
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58 30.1 0.0 59.4



#14
Carbon disulfide
Concen: 22.140 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Acq: 12 Jun 2024 19:14

Tgt Ion: 76 Resp: 290864
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

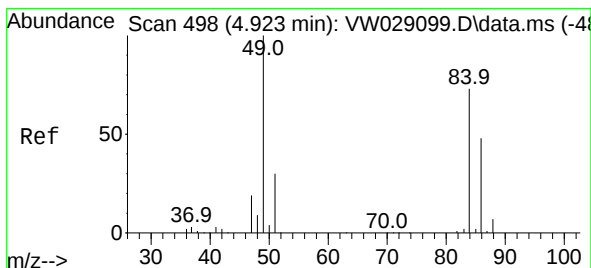
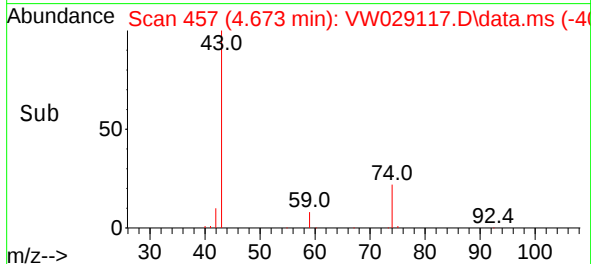
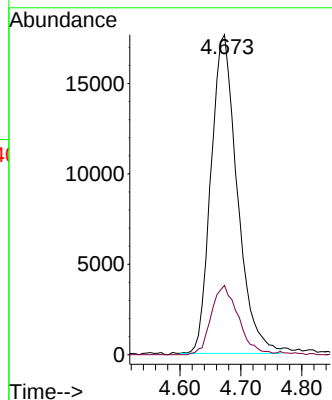
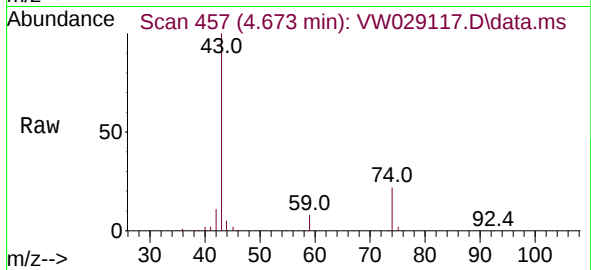




#15
Methyl Acetate
Concen: 30.507 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

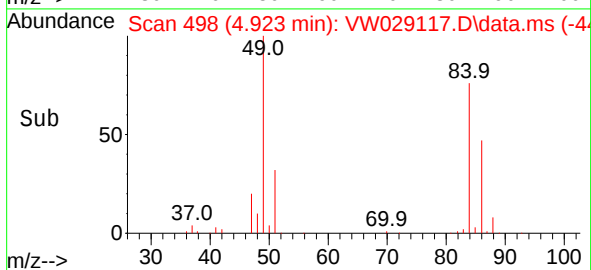
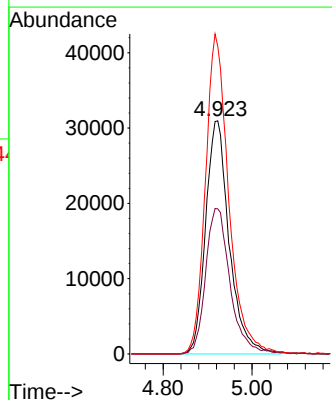
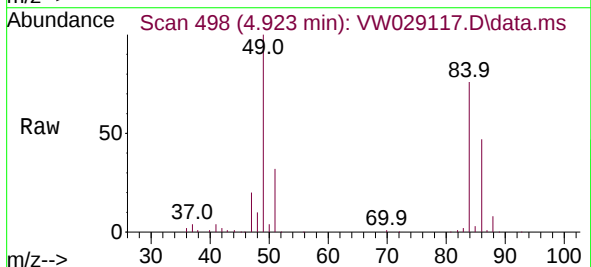
Instrument :
MSVOA_W
ClientSampleId :

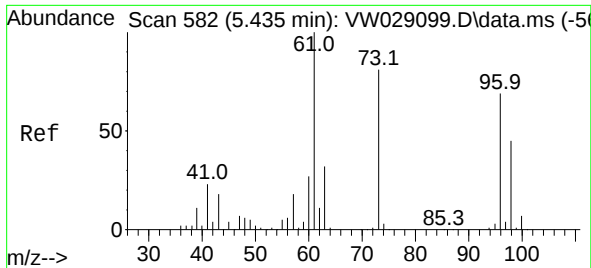
Tgt Ion: 43 Resp: 52909
Ion Ratio Lower Upper
43 100
74 22.3 17.4 26.2



#16
Methylene chloride
Concen: 24.824 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

Tgt Ion: 84 Resp: 114372
Ion Ratio Lower Upper
84 100
86 62.2 43.8 81.4
49 131.9 91.3 169.5

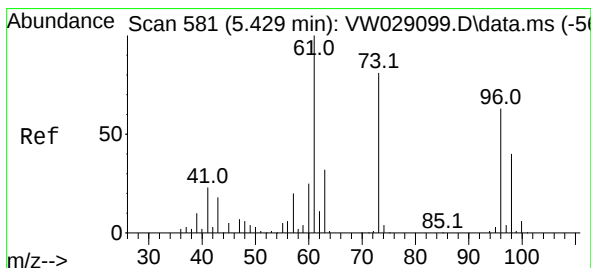
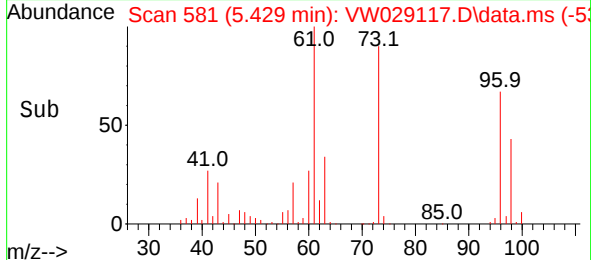
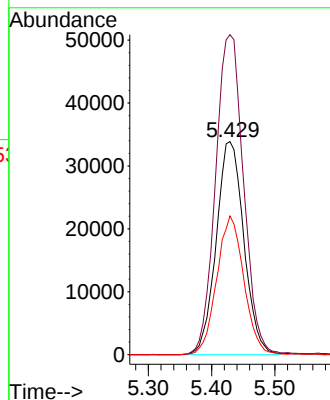
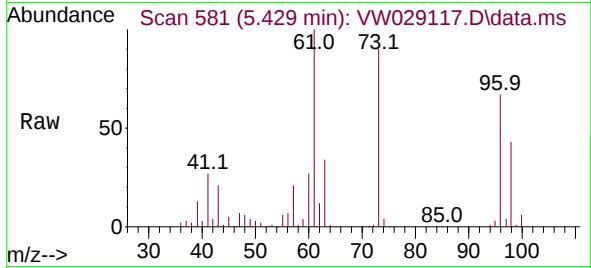




#17
trans-1,2-Dichloroethene
Concen: 24.299 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

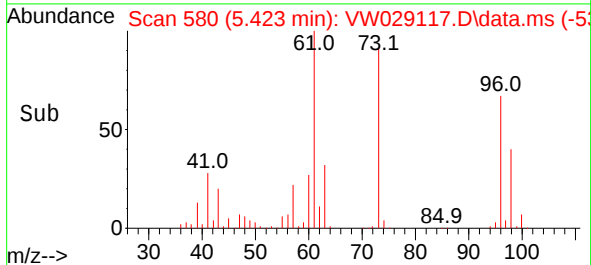
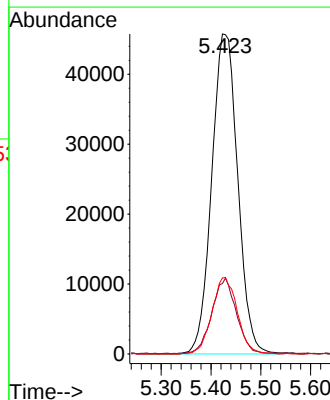
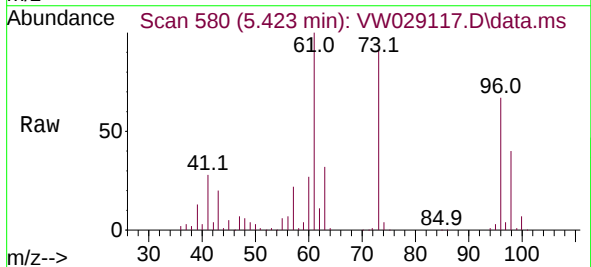
Instrument :
MSVOA_W
ClientSampleId :

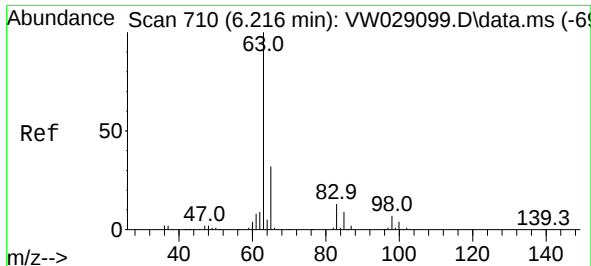
Tgt Ion: 96 Resp: 102804
Ion Ratio Lower Upper
96 100
61 150.1 104.6 194.2
98 65.1 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 28.100 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

Tgt Ion: 73 Resp: 165781
Ion Ratio Lower Upper
73 100
43 22.2 17.8 26.6
57 23.3 18.4 27.6





#19

1,1-Dichloroethane

Concen: 25.406 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :

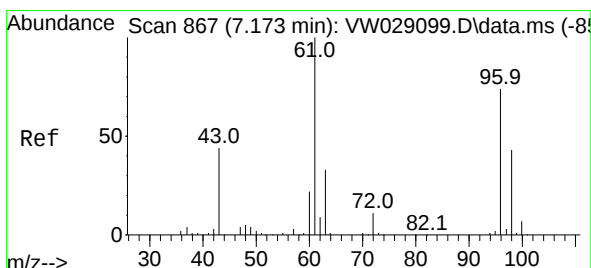
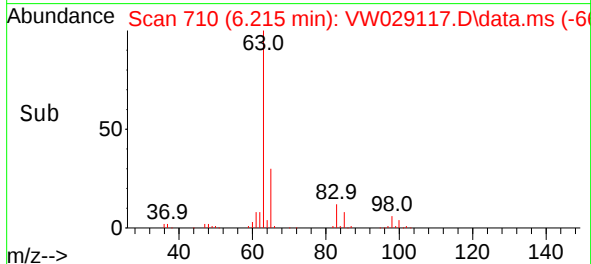
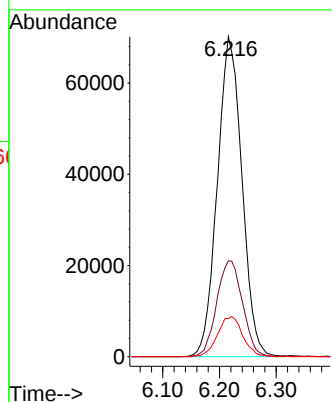
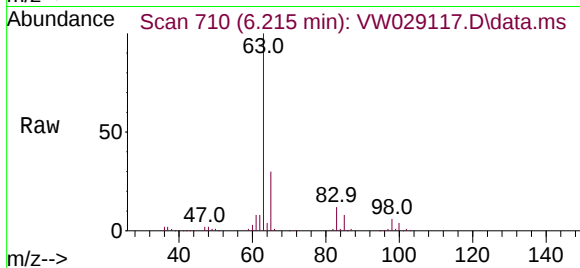
Tgt Ion: 63 Resp: 211321

Ion Ratio Lower Upper

63 100

65 30.0 21.8 40.6

83 12.0 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 26.010 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

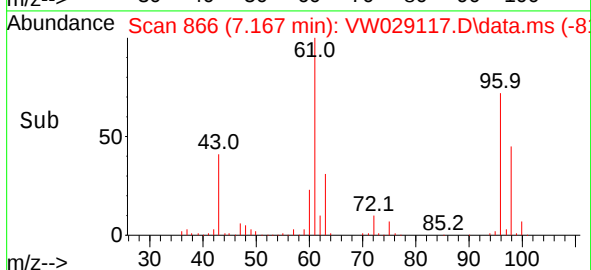
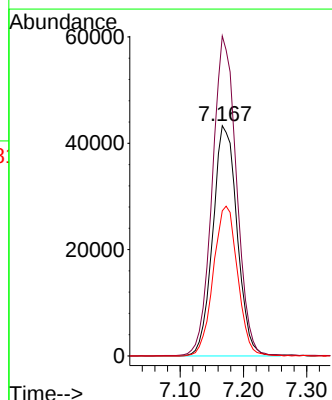
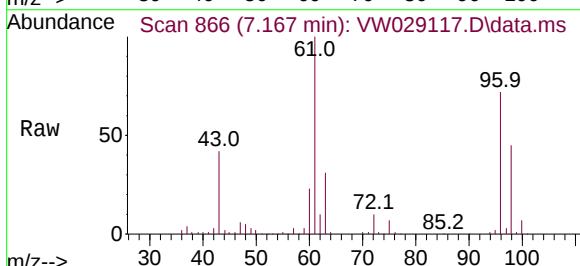
Tgt Ion: 96 Resp: 115365

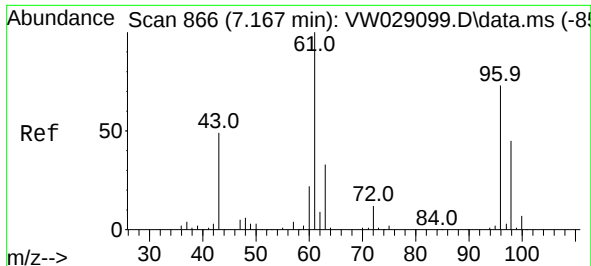
Ion Ratio Lower Upper

96 100

61 138.9 92.9 172.5

98 63.0 45.2 84.0

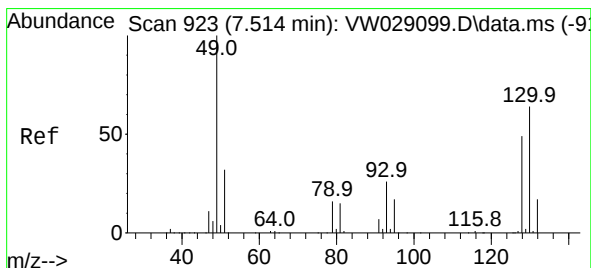
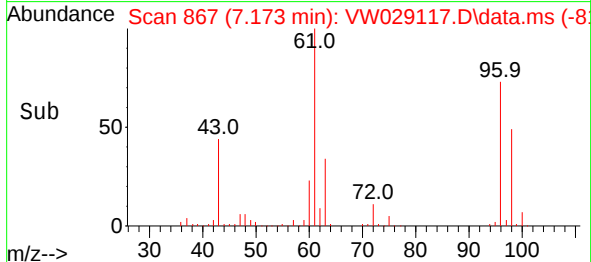
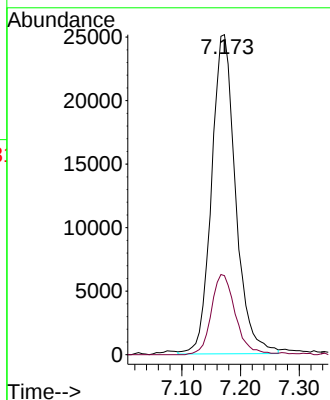
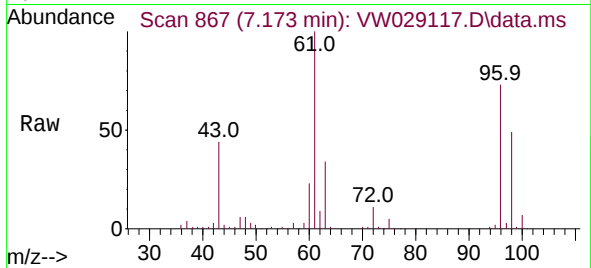




#22
2-Butanone
Concen: 56.794 ug/L
RT: 7.173 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

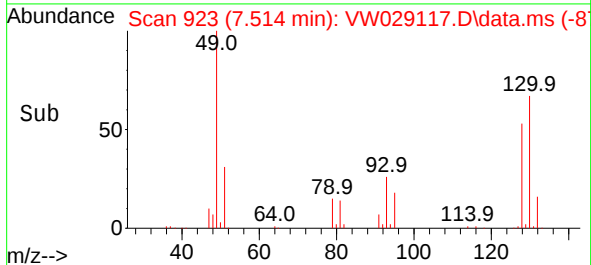
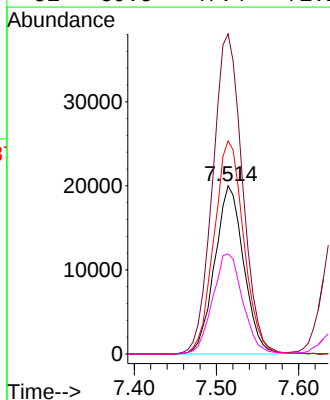
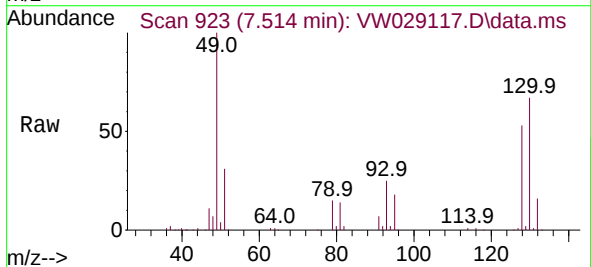
Instrument :
MSVOA_W
ClientSampleId :

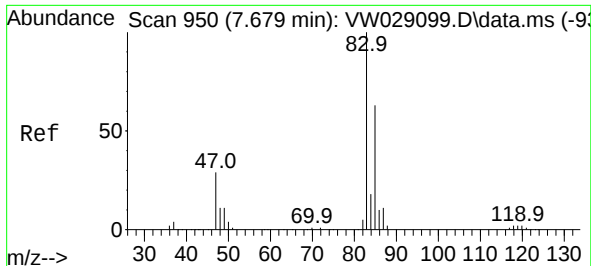
Tgt Ion: 43 Resp: 71462
Ion Ratio Lower Upper
43 100
72 25.1 12.5 37.5



#23
Bromochloromethane
Concen: 25.274 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

Tgt Ion:128 Resp: 48934
Ion Ratio Lower Upper
128 100
49 190.4 135.9 252.3
130 126.8 89.0 165.2
51 59.5 47.4 71.2





#25

Chloroform

Concen: 25.469 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

Instrument :

MSVOA_W

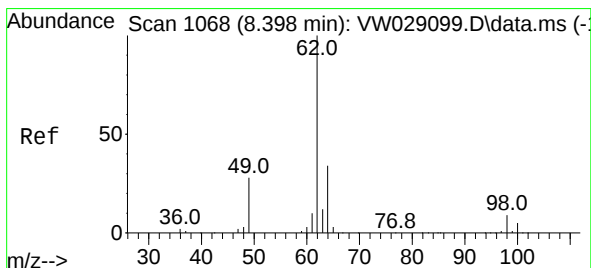
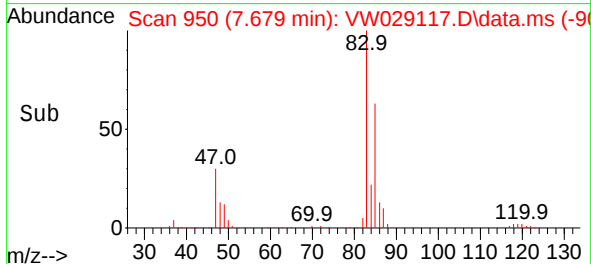
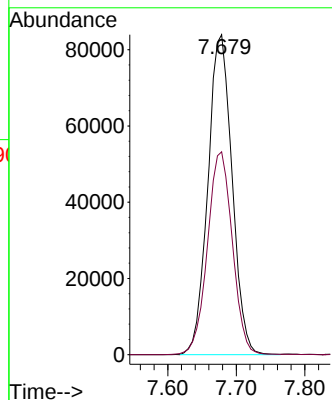
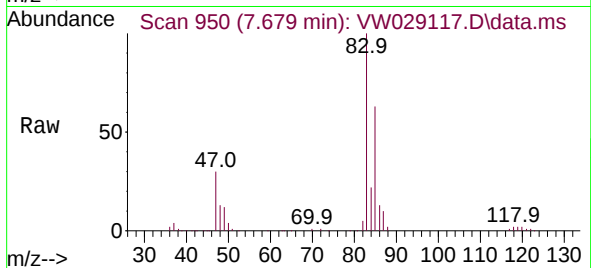
ClientSampleId :

Tgt Ion: 83 Resp: 205753

Ion Ratio Lower Upper

83 100

85 63.4 45.8 85.2



#27

1,2-Dichloroethane

Concen: 26.107 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029117.D

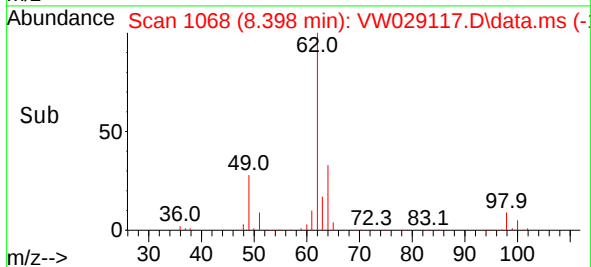
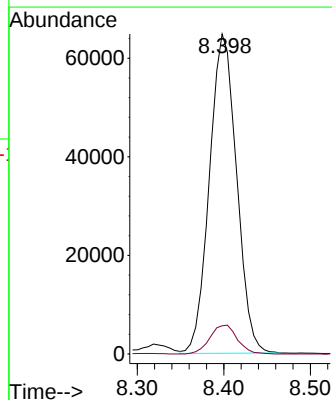
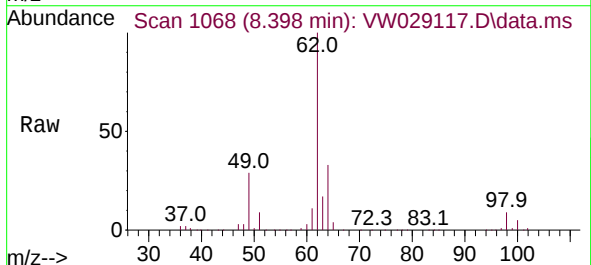
Acq: 12 Jun 2024 19:14

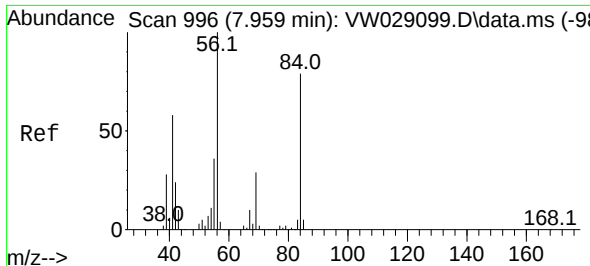
Tgt Ion: 62 Resp: 141340

Ion Ratio Lower Upper

62 100

98 8.8 7.1 10.7





#29

Cyclohexane

Concen: 24.182 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

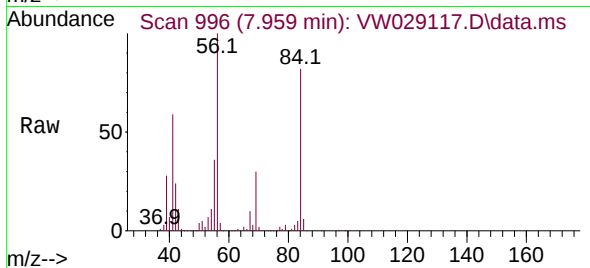
Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

Instrument :

MSVOA_W

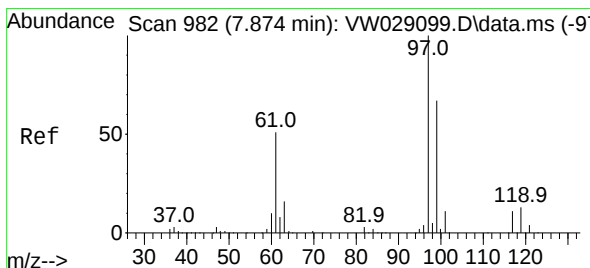
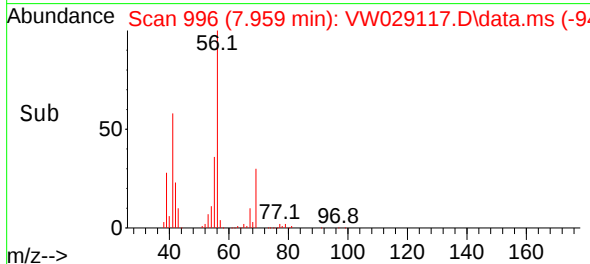
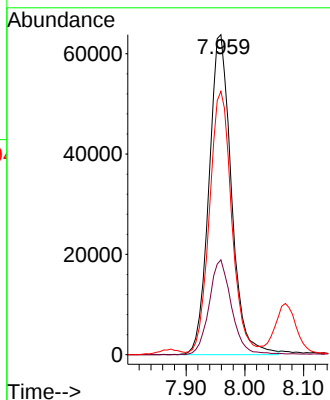
ClientSampleId :



Tgt Ion: 56 Resp: 169379

Ion Ratio Lower Upper

56	100		
69	29.4	24.2	36.4
84	81.7	65.4	98.2



#30

1,1,1-Trichloroethane

Concen: 24.480 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

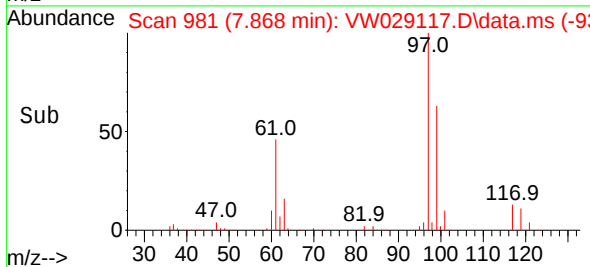
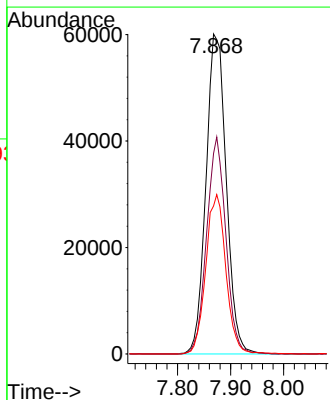
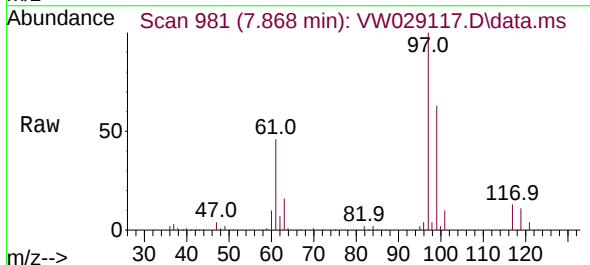
Lab File: VW029117.D

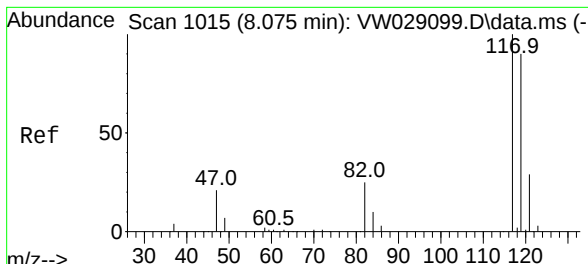
Acq: 12 Jun 2024 19:14

Tgt Ion: 97 Resp: 159791

Ion Ratio Lower Upper

97	100		
99	64.2	51.6	77.4
61	49.1	39.6	59.4

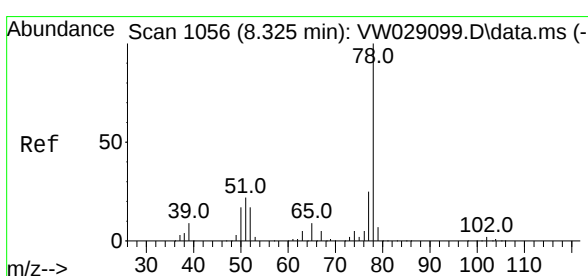
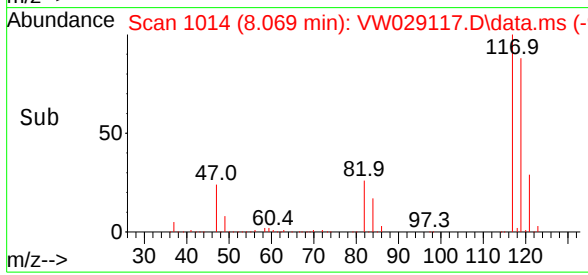
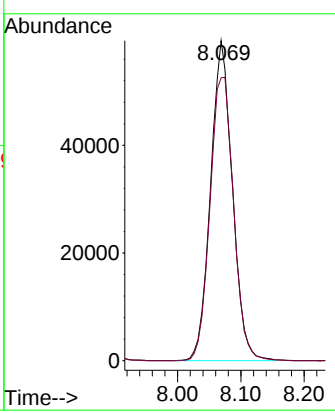
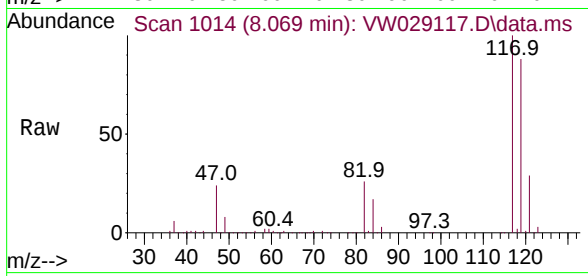




#31
Carbon tetrachloride
Concen: 23.904 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

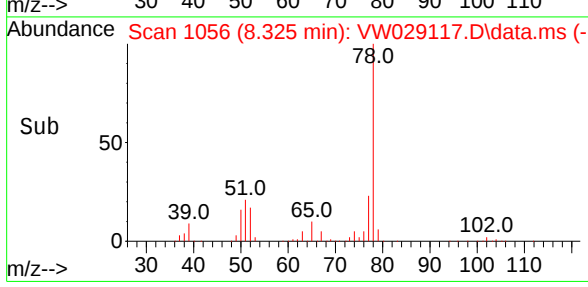
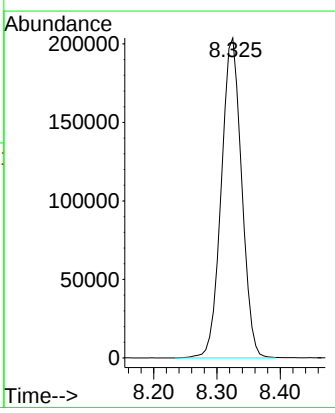
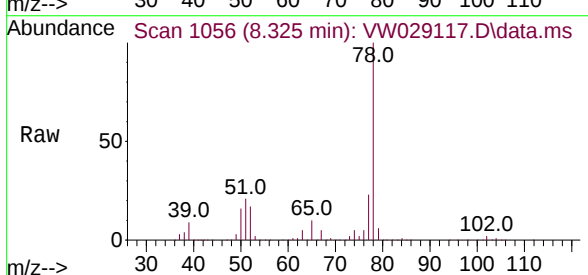
Instrument :
MSVOA_W
ClientSampleId :

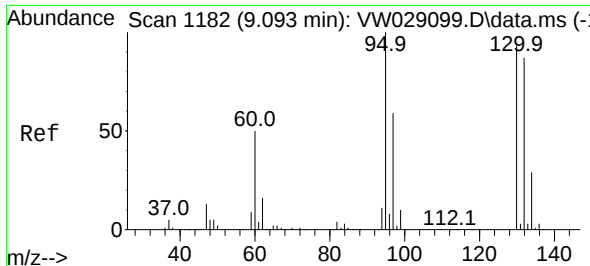
Tgt Ion:117 Resp: 142118
Ion Ratio Lower Upper
117 100
119 96.0 78.8 118.2



#33
Benzene
Concen: 25.997 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

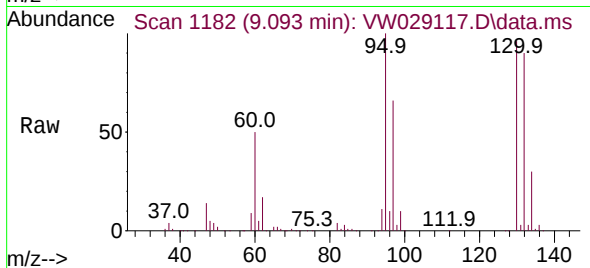
Tgt Ion: 78 Resp: 455387



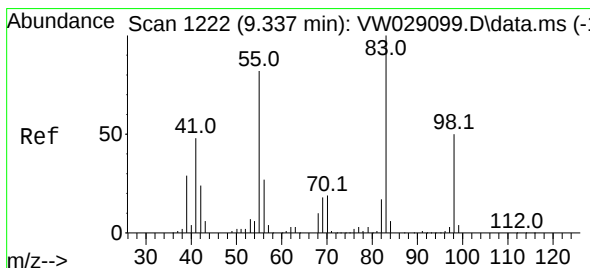
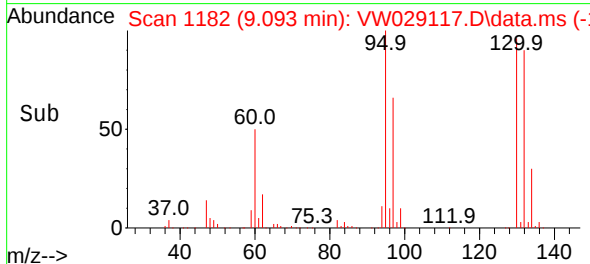
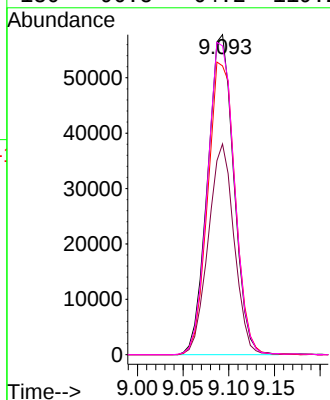


#34
Trichloroethene
Concen: 25.097 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

Instrument :
MSVOA_W
ClientSampleId :

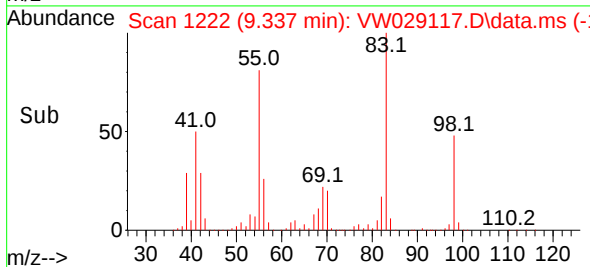
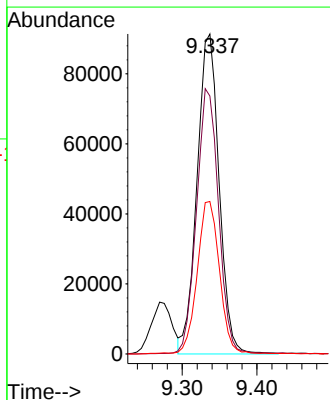
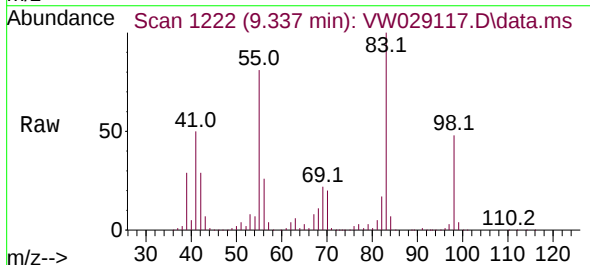


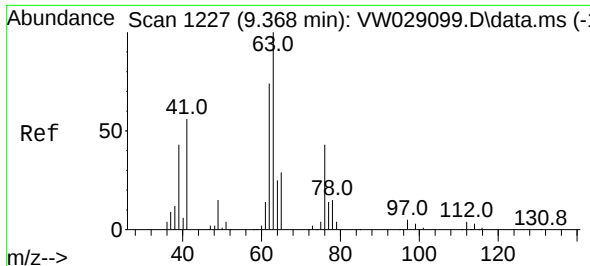
Tgt Ion: 95 Resp: 115577
Ion Ratio Lower Upper
95 100
97 65.8 41.9 77.7
132 90.3 60.1 111.5
130 96.5 64.2 119.2



#35
Methylcyclohexane
Concen: 23.984 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

Tgt Ion: 83 Resp: 187369
Ion Ratio Lower Upper
83 100
55 83.0 65.8 98.6
98 47.6 38.4 57.6





#37

1,2-Dichloropropane

Concen: 26.570 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

Instrument :

MSVOA_W

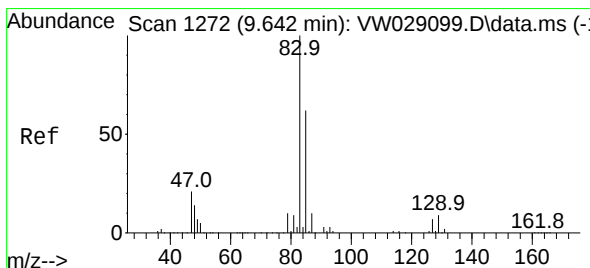
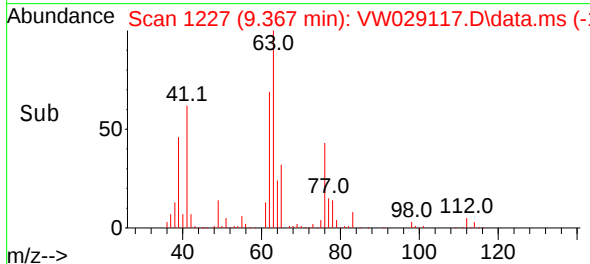
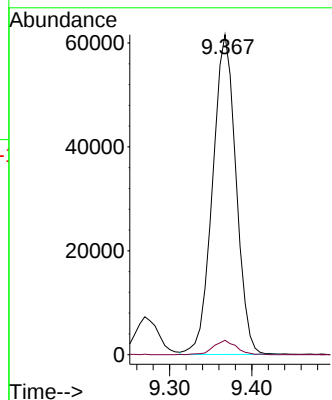
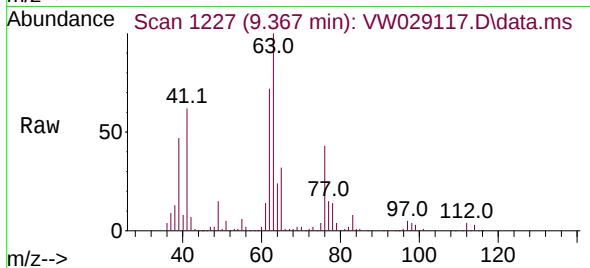
ClientSampleId :

Tgt Ion: 63 Resp: 121879

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 25.585 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

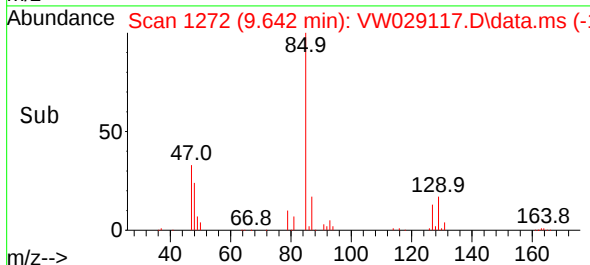
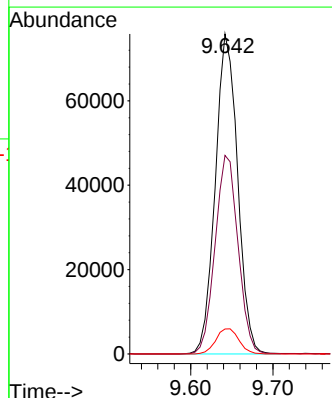
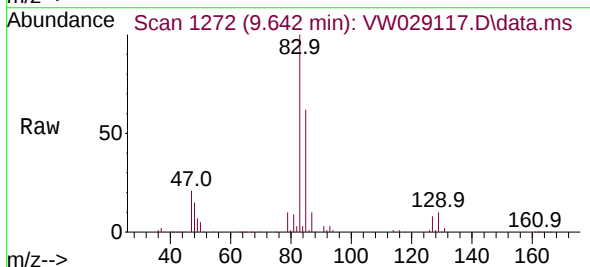
Tgt Ion: 83 Resp: 143136

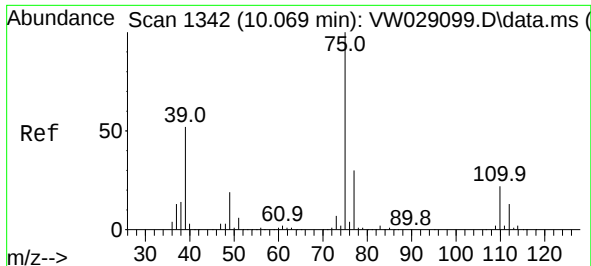
Ion Ratio Lower Upper

83 100

85 62.0 43.9 81.5

127 7.8 5.4 8.2





#39

cis-1,3-Dichloropropene

Concen: 26.265 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

Instrument :

MSVOA_W

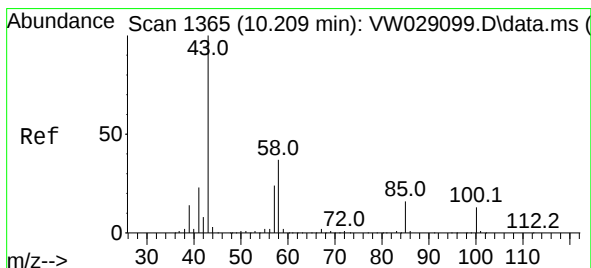
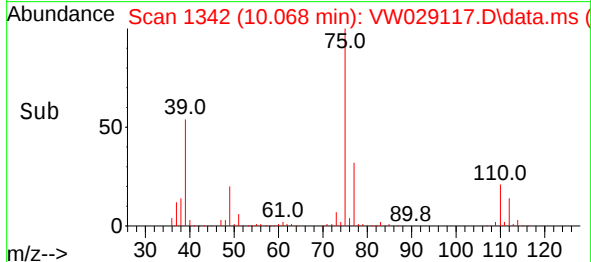
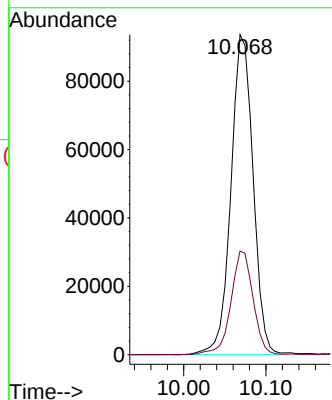
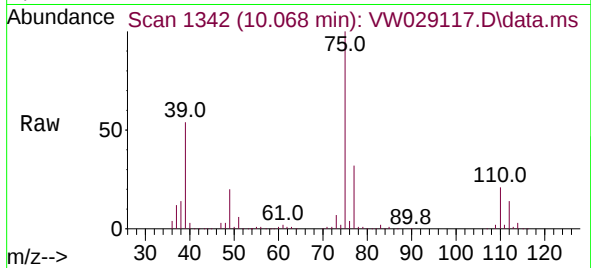
ClientSampleId :

Tgt Ion: 75 Resp: 175094

Ion Ratio Lower Upper

75 100

77 32.4 21.0 39.0



#40

4-Methyl-2-pentanone

Concen: 65.447 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

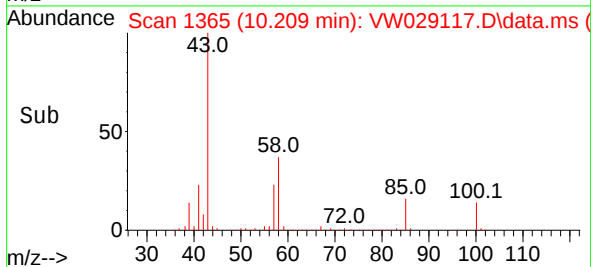
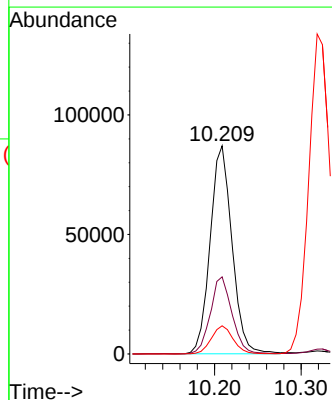
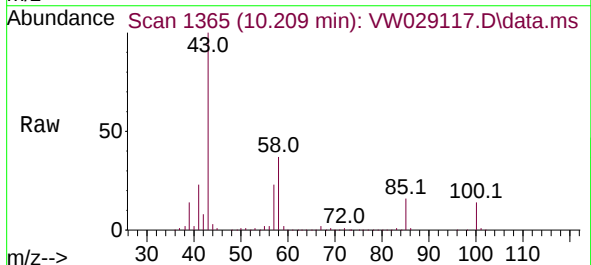
Tgt Ion: 43 Resp: 152702

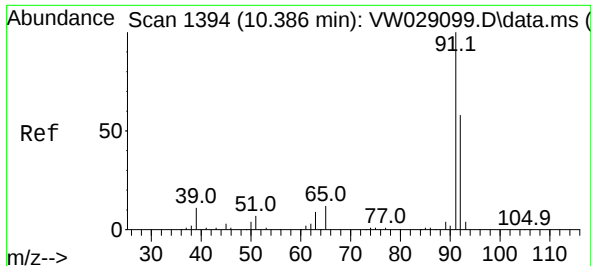
Ion Ratio Lower Upper

43 100

58 36.8 30.3 45.5

100 13.6 10.7 16.1

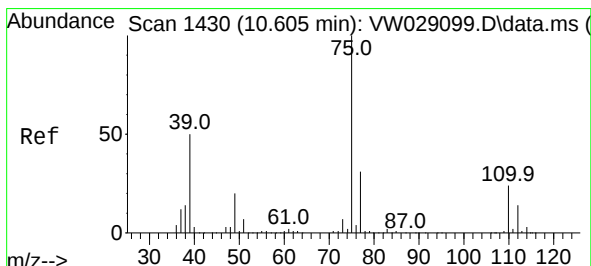
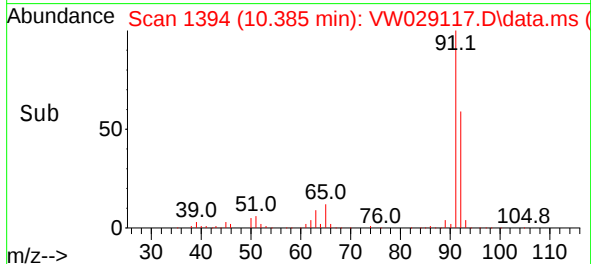
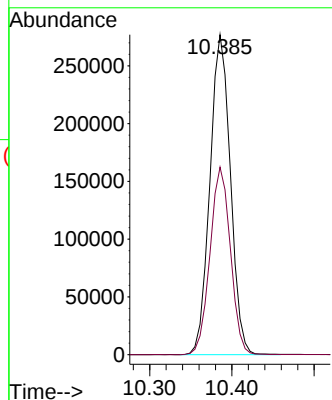
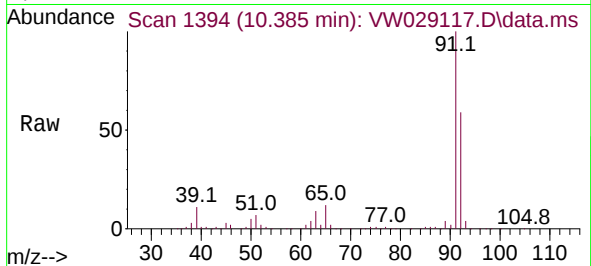




#42
Toluene
Concen: 26.763 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

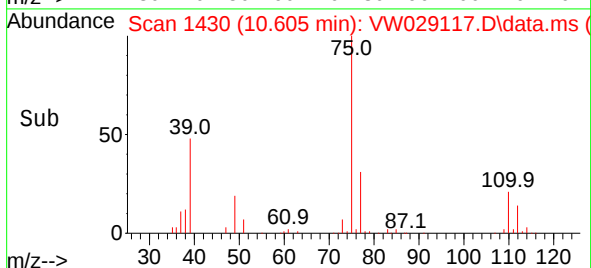
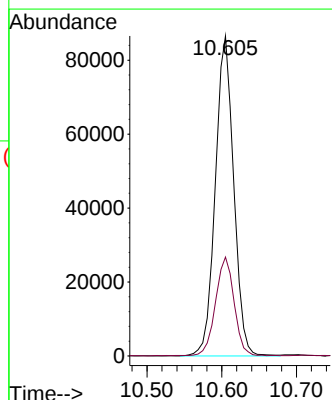
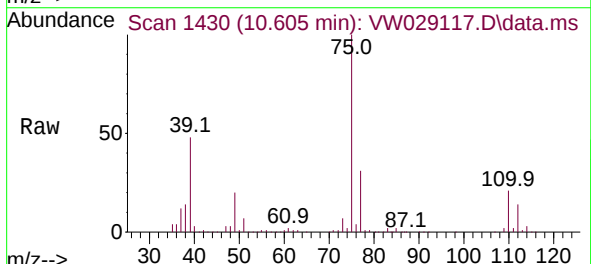
Instrument :
MSVOA_W
ClientSampleId :

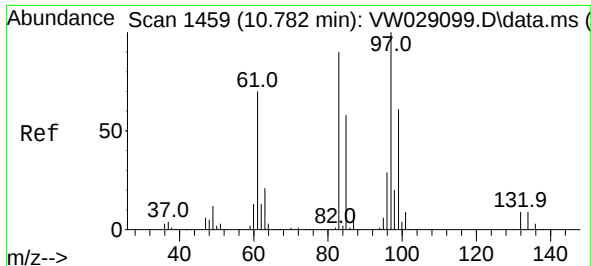
Tgt Ion: 91 Resp: 478919
Ion Ratio Lower Upper
91 100
92 58.6 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 27.469 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

Tgt Ion: 75 Resp: 147630
Ion Ratio Lower Upper
75 100
77 30.9 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 27.639 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 85627

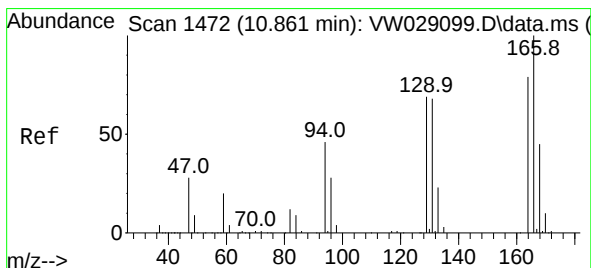
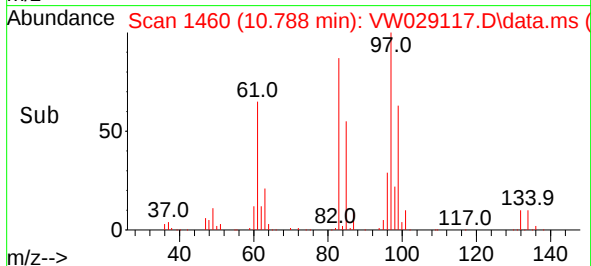
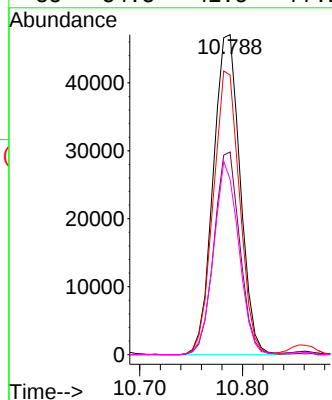
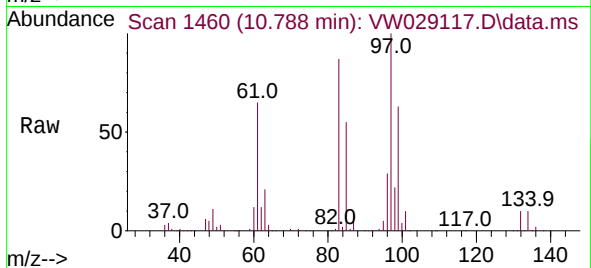
Ion Ratio Lower Upper

97 100

99 63.3 41.8 77.6

83 87.4 62.4 115.8

85 54.8 41.5 77.1



#46

Tetrachloroethene

Concen: 24.752 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

Tgt Ion:164 Resp: 86602

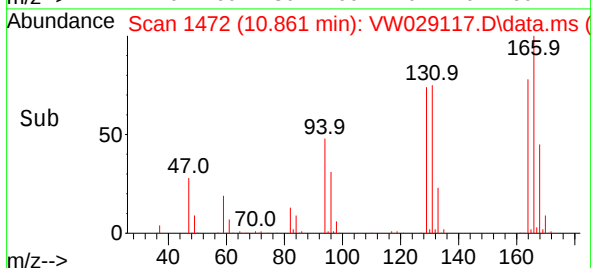
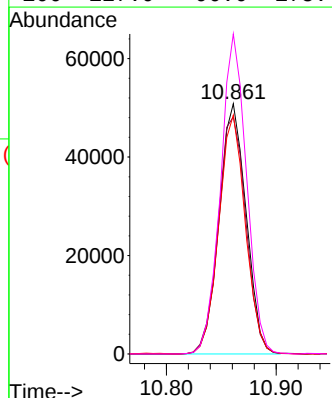
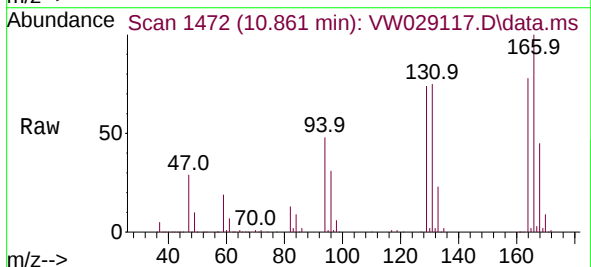
Ion Ratio Lower Upper

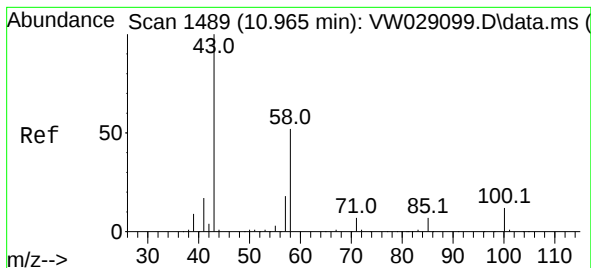
164 100

129 94.8 69.4 128.8

131 95.5 71.0 131.9

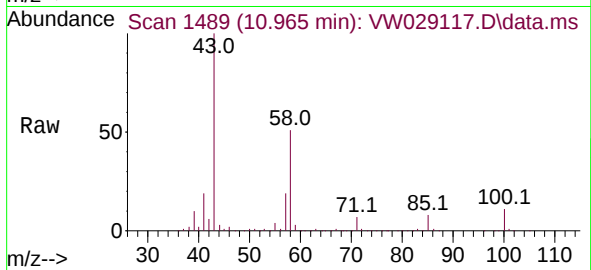
166 127.9 96.0 178.4



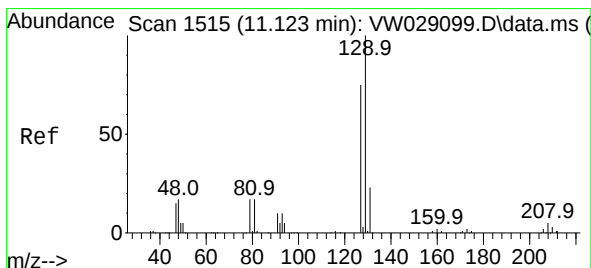
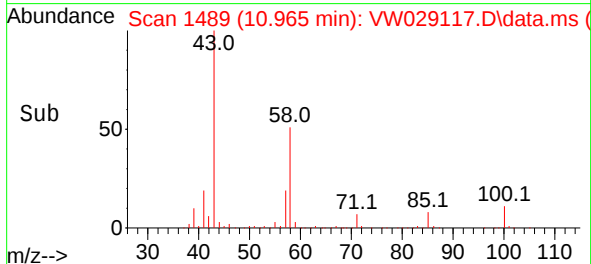
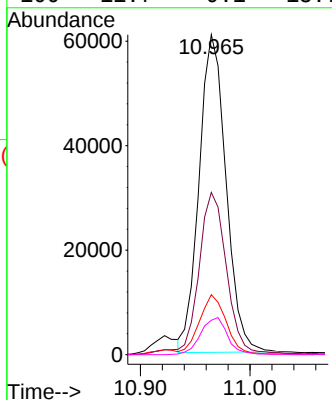


#48
2-Hexanone
Concen: 59.330 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

Instrument :
MSVOA_W
ClientSampleId :

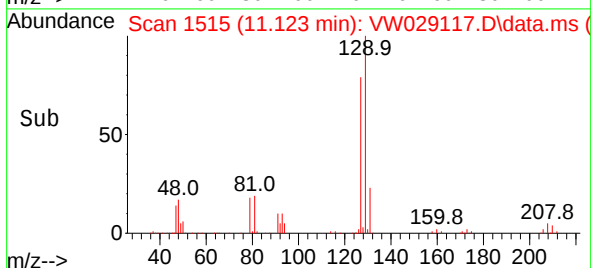
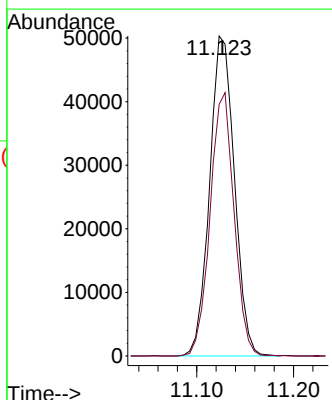
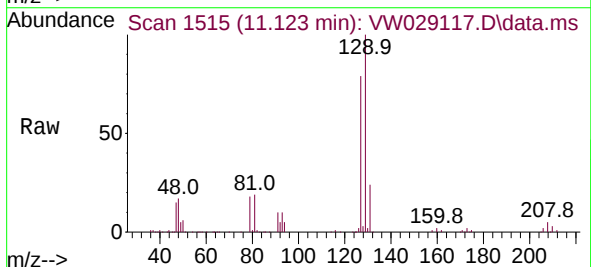


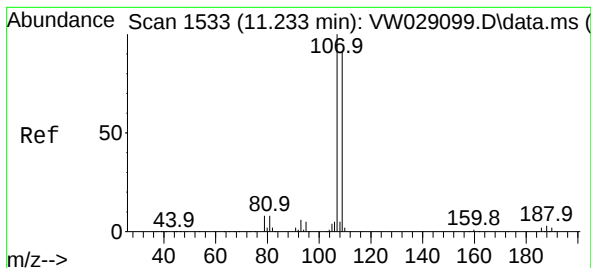
Tgt Ion: 43 Resp: 103788
Ion Ratio Lower Upper
43 100
58 52.1 41.4 62.0
57 19.1 14.2 21.4
100 11.7 9.1 13.7



#49
Dibromochloromethane
Concen: 27.414 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

Tgt Ion:129 Resp: 89702
Ion Ratio Lower Upper
129 100
127 78.6 56.5 104.9

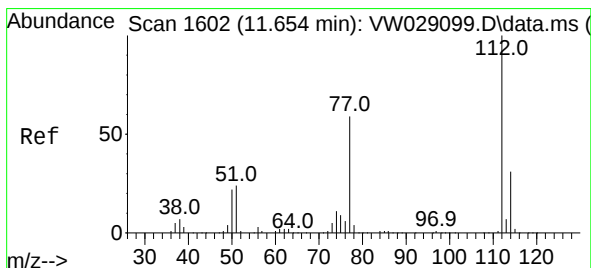
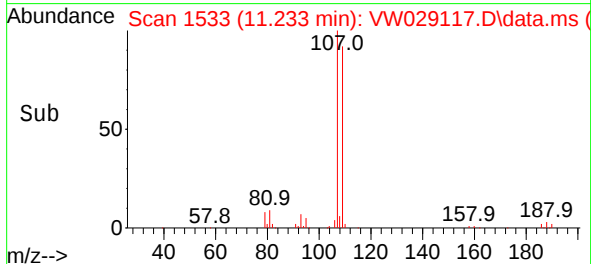
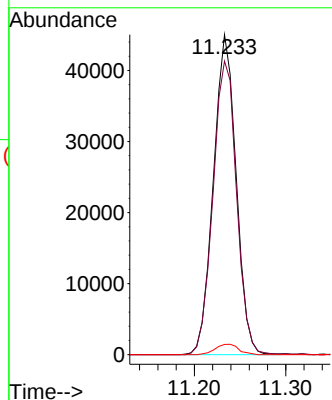
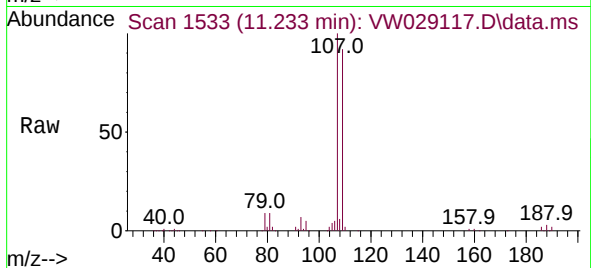




#50
1,2-Dibromoethane
Concen: 27.519 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

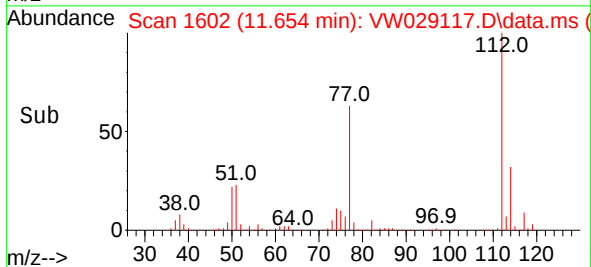
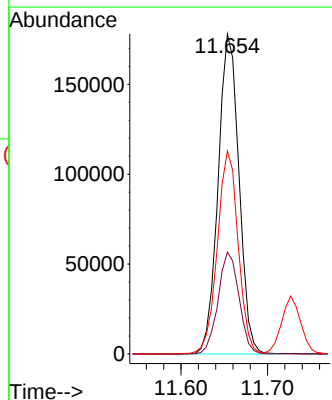
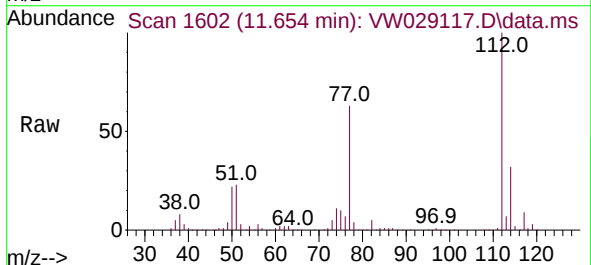
Instrument :
MSVOA_W
ClientSampleId :

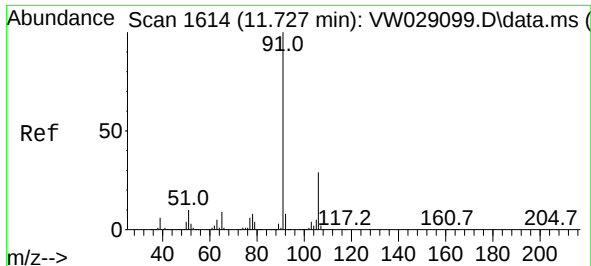
Tgt Ion:107 Resp: 77827
Ion Ratio Lower Upper
107 100
109 91.8 67.9 126.1
188 3.2 3.0 4.4



#51
Chlorobenzene
Concen: 25.881 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

Tgt Ion:112 Resp: 297508
Ion Ratio Lower Upper
112 100
114 31.9 23.7 44.1
77 63.4 51.7 77.5





#52

Ethylbenzene

Concen: 26.338 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

Instrument :

MSVOA_W

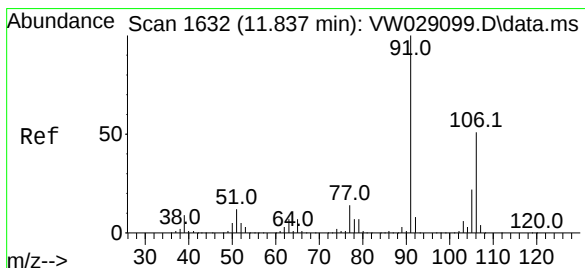
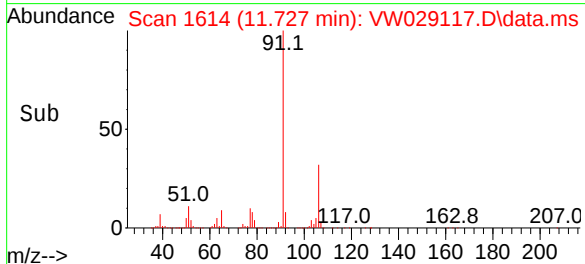
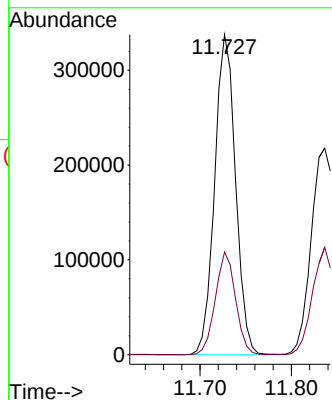
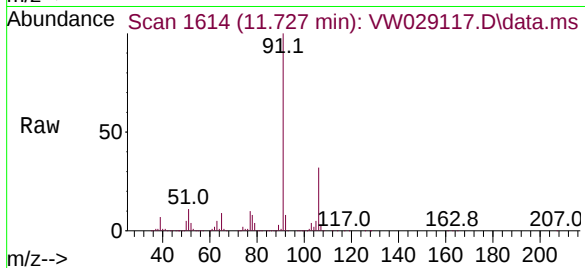
ClientSampleId :

Tgt Ion: 91 Resp: 535491

Ion Ratio Lower Upper

91 100

106 32.1 19.9 37.0



#53

m,p-Xylene

Concen: 27.021 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029117.D

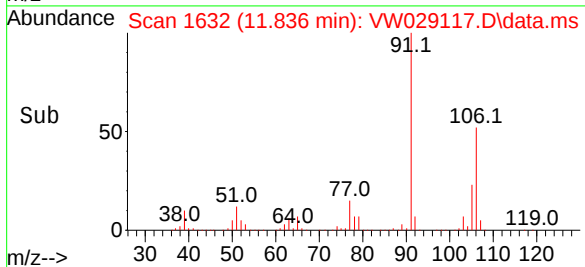
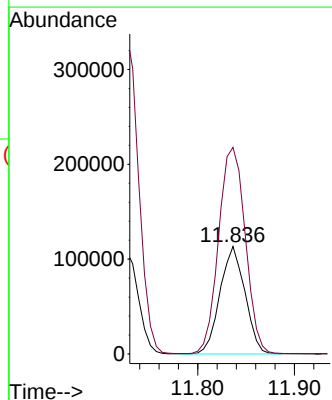
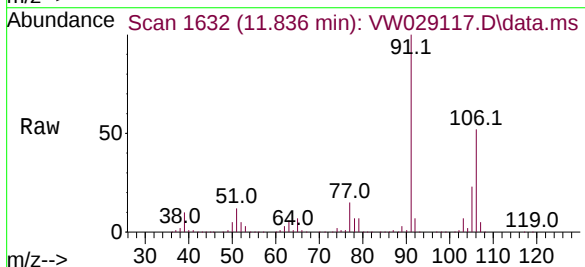
Acq: 12 Jun 2024 19:14

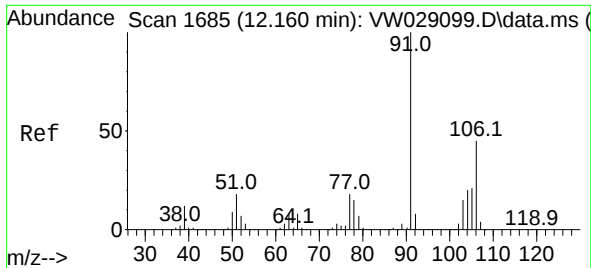
Tgt Ion:106 Resp: 203486

Ion Ratio Lower Upper

106 100

91 192.2 152.0 282.2

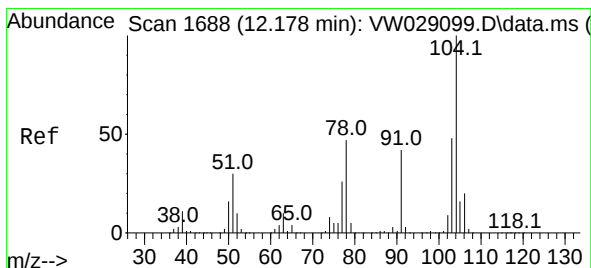
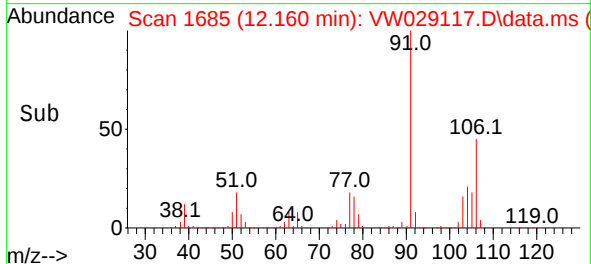
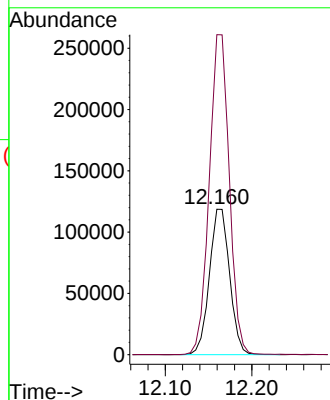
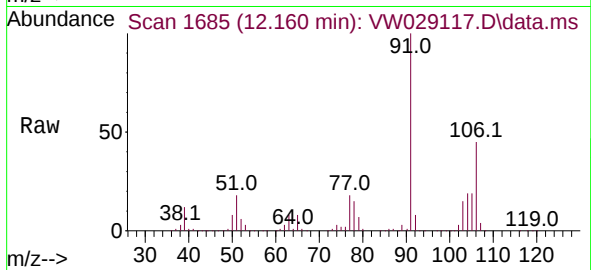




#54
o-Xylene
Concen: 27.612 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

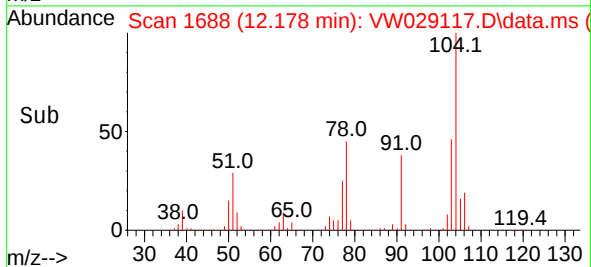
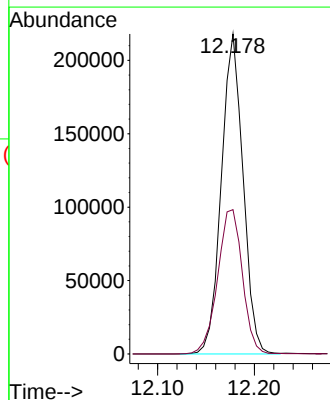
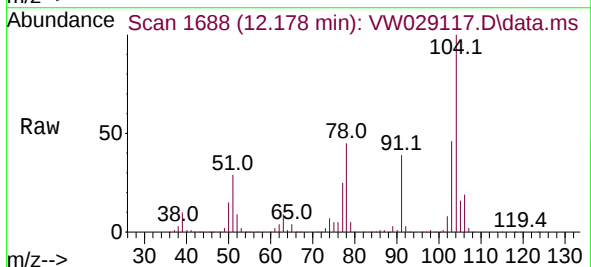
Instrument :
MSVOA_W
ClientSampleId :

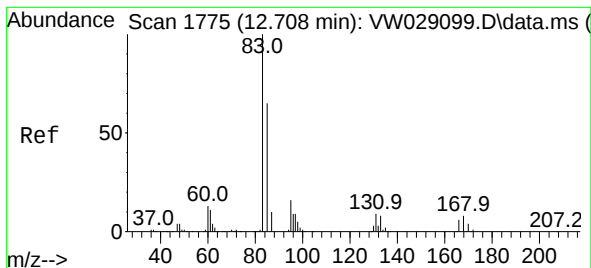
Tgt Ion:106 Resp: 192544
Ion Ratio Lower Upper
106 100
91 220.0 152.5 283.3



#55
Styrene
Concen: 28.221 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

Tgt Ion:104 Resp: 339268
Ion Ratio Lower Upper
104 100
78 45.1 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 29.348 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :

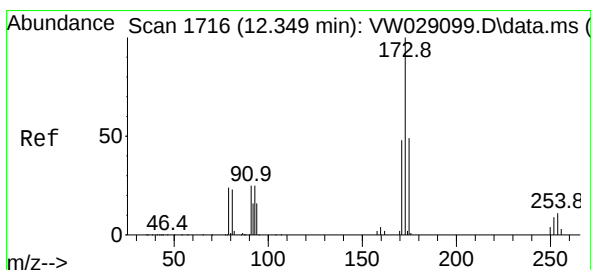
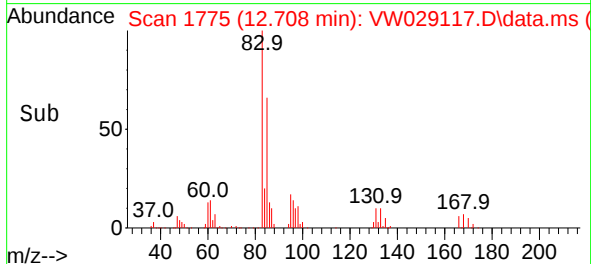
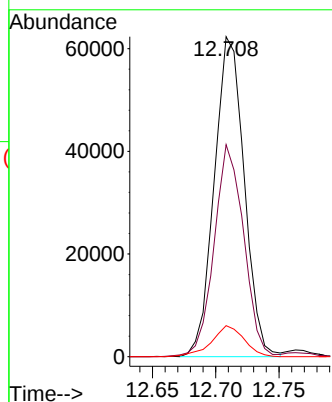
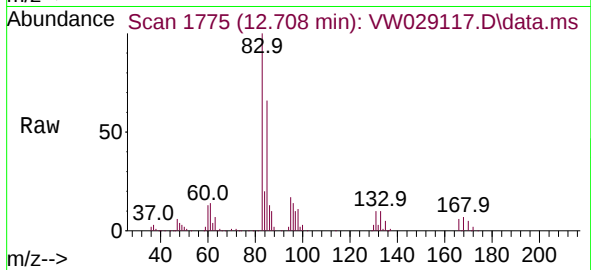
Tgt Ion: 83 Resp: 102639

Ion Ratio Lower Upper

83 100

85 66.3 43.8 81.3

131 9.7 7.3 10.9



#59

Bromoform

Concen: 27.500 ug/L

RT: 12.342 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

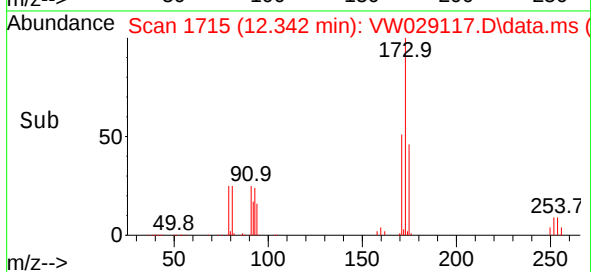
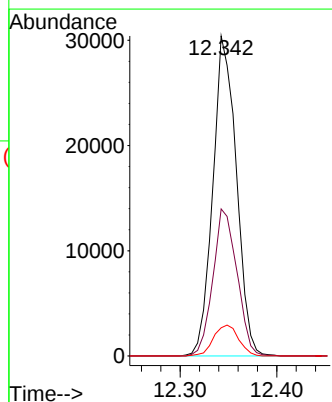
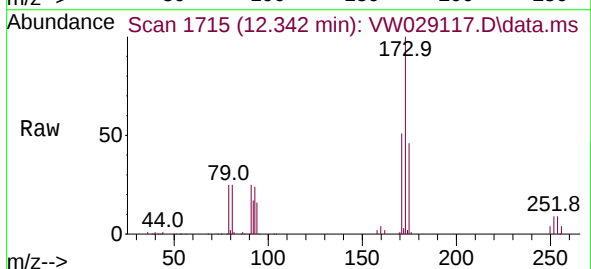
Tgt Ion:173 Resp: 51335

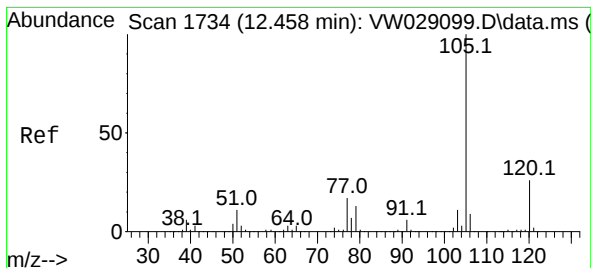
Ion Ratio Lower Upper

173 100

175 47.0 38.1 57.1

254 10.3 8.2 12.2





#60

Isopropylbenzene

Concen: 25.766 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :

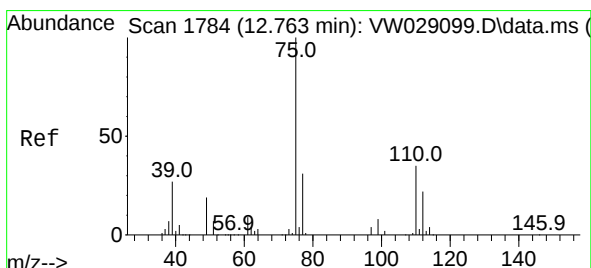
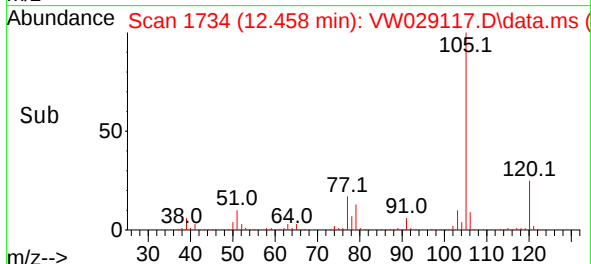
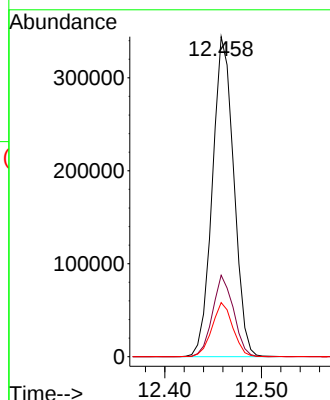
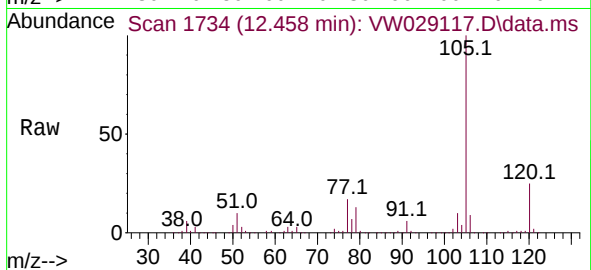
Tgt Ion:105 Resp: 529354

Ion Ratio Lower Upper

105 100

120 24.9 20.7 31.1

77 16.4 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 27.447 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

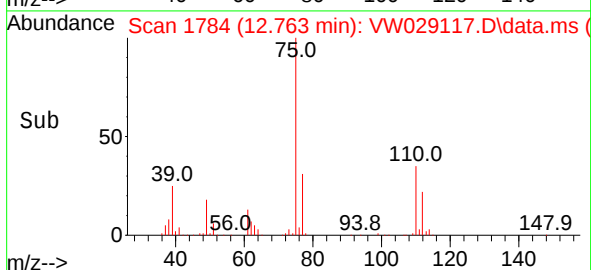
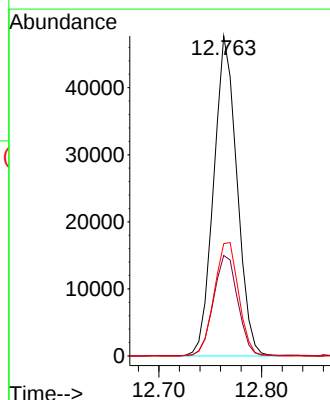
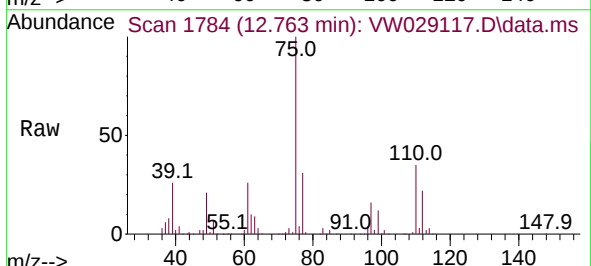
Tgt Ion: 75 Resp: 75158

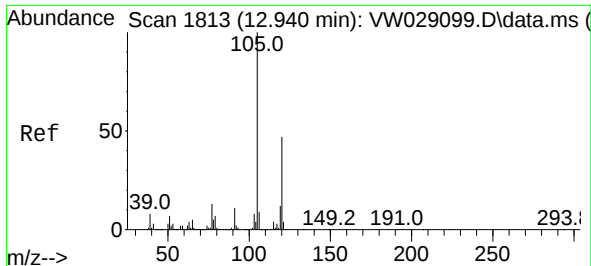
Ion Ratio Lower Upper

75 100

77 32.8 26.3 39.5

110 37.3 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 26.359 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

Instrument :

MSVOA_W

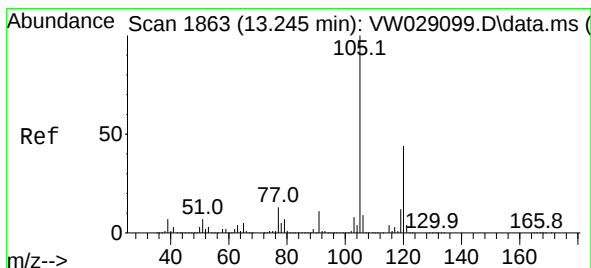
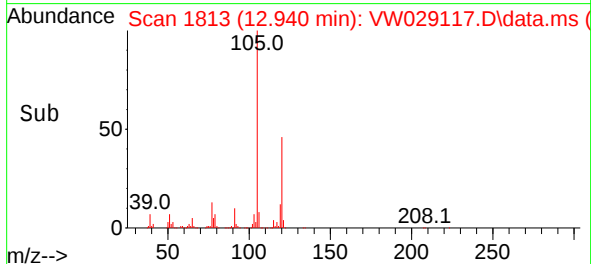
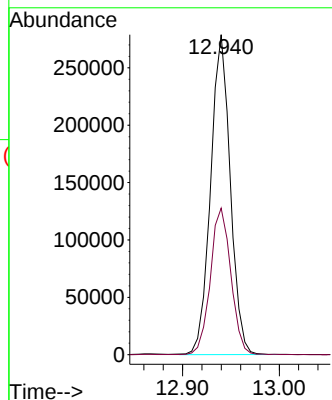
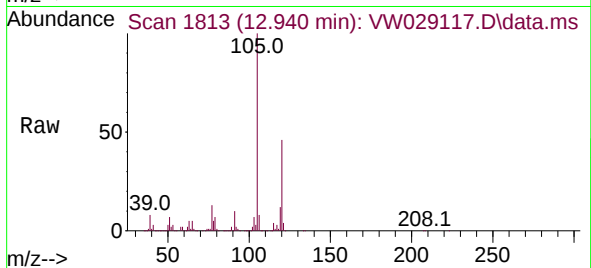
ClientSampleId :

Tgt Ion:105 Resp: 393883

Ion Ratio Lower Upper

105 100

120 47.6 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 26.467 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029117.D

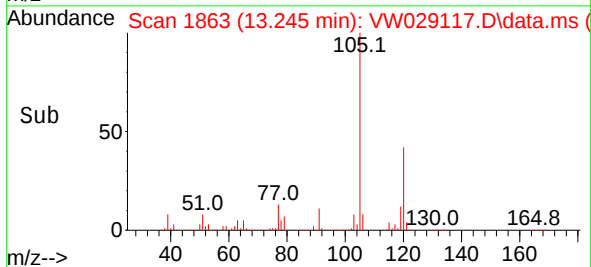
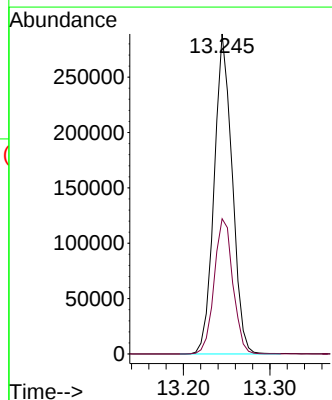
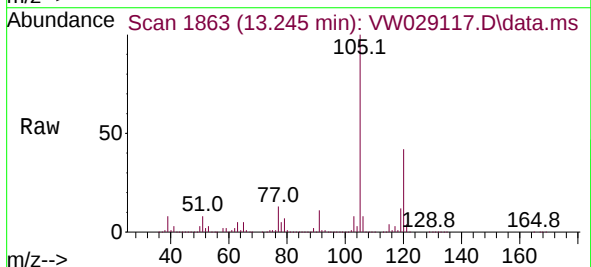
Acq: 12 Jun 2024 19:14

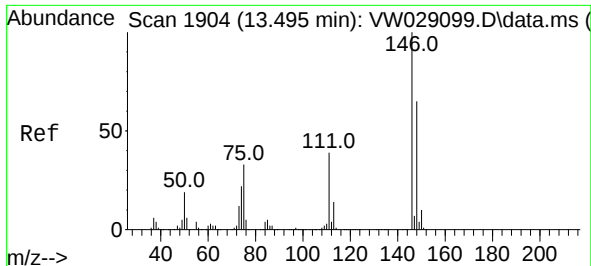
Tgt Ion:105 Resp: 417964

Ion Ratio Lower Upper

105 100

120 43.7 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 25.559 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :

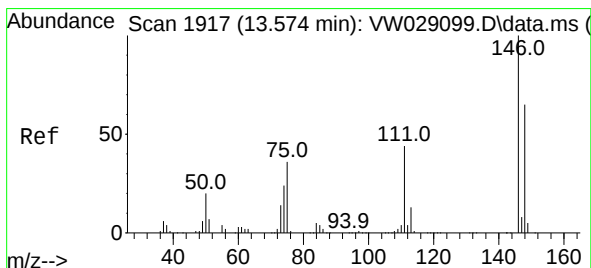
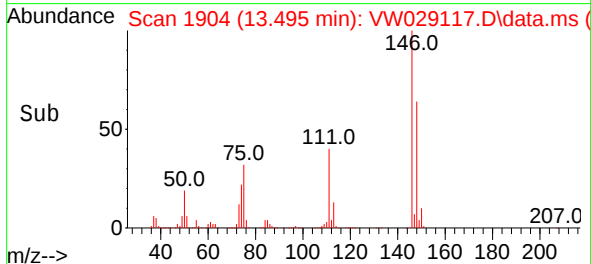
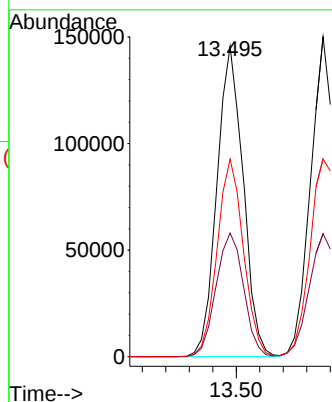
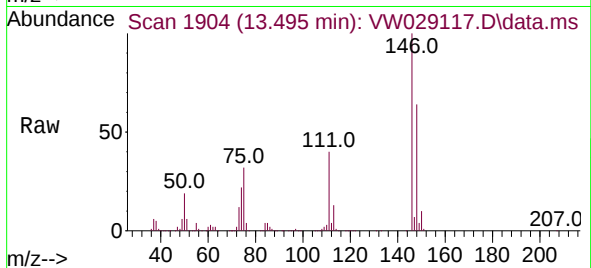
Tgt Ion:146 Resp: 225662

Ion Ratio Lower Upper

146 100

111 39.9 29.4 54.6

148 63.7 42.5 78.9



#65

1,4-Dichlorobenzene

Concen: 24.417 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

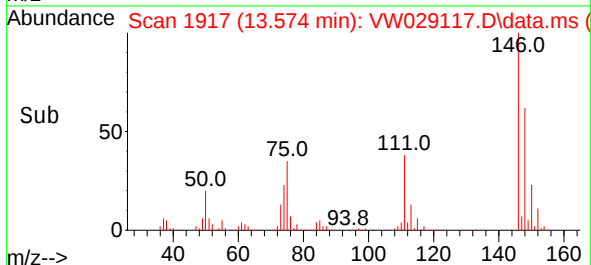
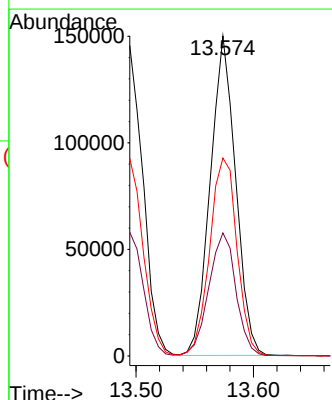
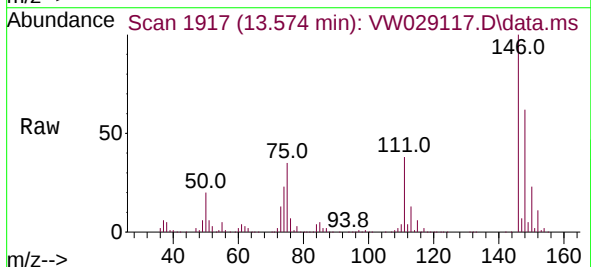
Tgt Ion:146 Resp: 225156

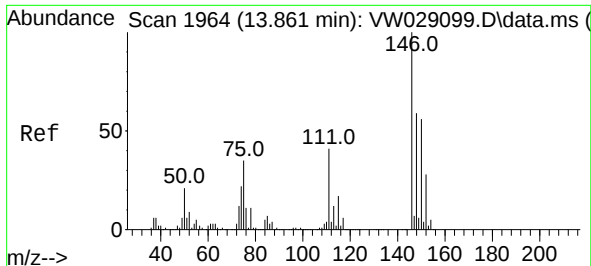
Ion Ratio Lower Upper

146 100

111 38.5 27.5 51.1

148 61.8 39.5 73.3

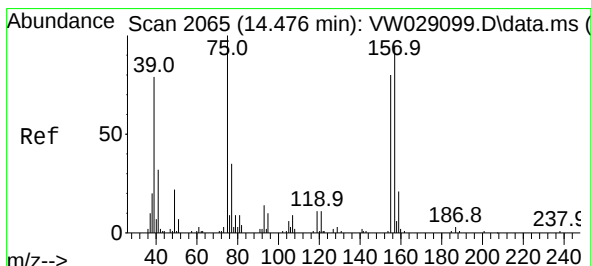
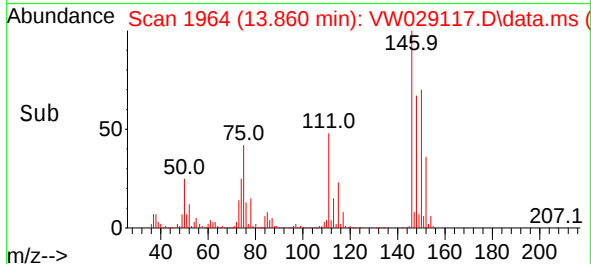
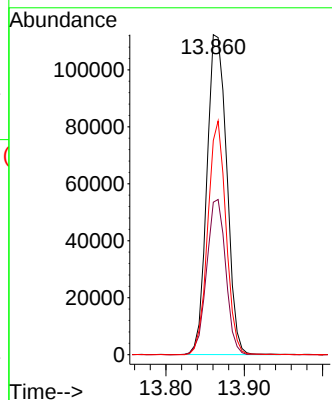
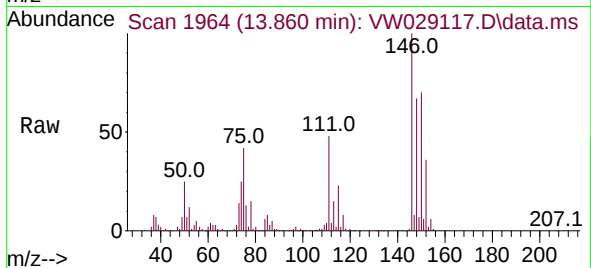




#67
1,2-Dichlorobenzene
Concen: 24.900 ug/L
RT: 13.860 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

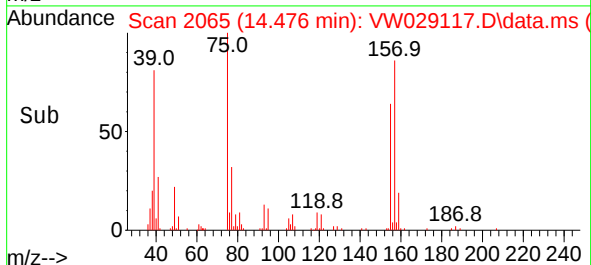
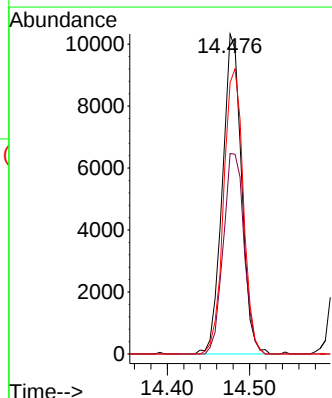
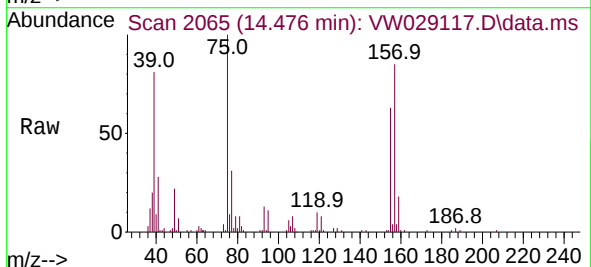
Instrument :
MSVOA_W
ClientSampleId :

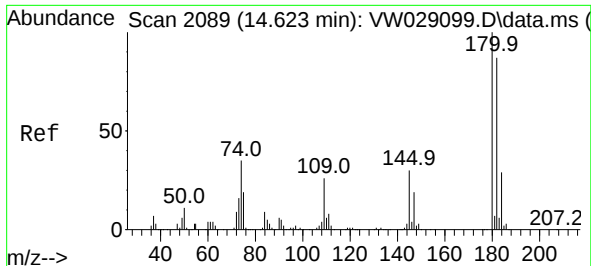
Tgt Ion:146 Resp: 197040
Ion Ratio Lower Upper
146 100
111 47.7 32.8 49.2
148 66.9 48.2 72.4



#68
1,2-Dibromo-3-chloropropane
Concen: 28.673 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029117.D
Acq: 12 Jun 2024 19:14

Tgt Ion: 75 Resp: 16735
Ion Ratio Lower Upper
75 100
155 62.6 52.3 78.5
157 84.8 71.0 106.4





#69

1,3,5-Trichlorobenzene

Concen: 24.902 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

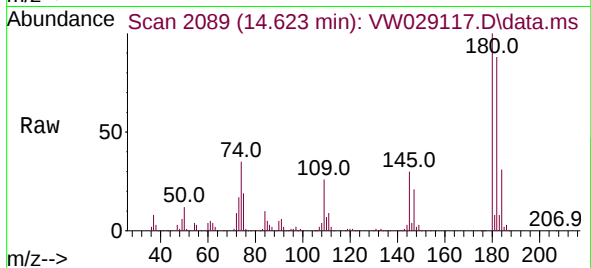
Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 150958

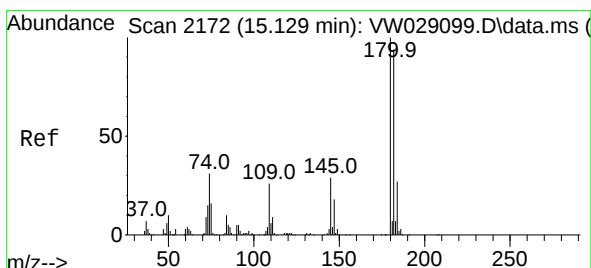
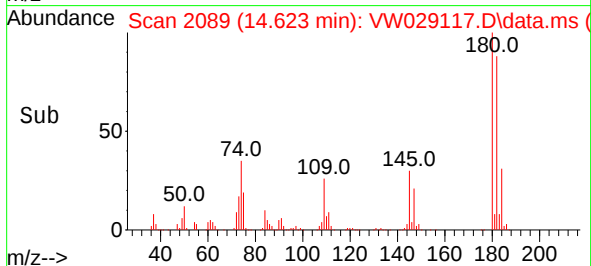
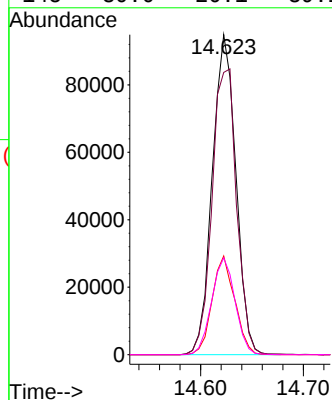
Ion Ratio Lower Upper

180 100

182 93.6 77.4 116.0

184 29.7 24.6 36.8

145 30.0 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 26.095 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

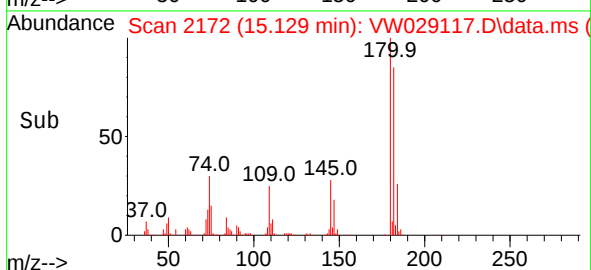
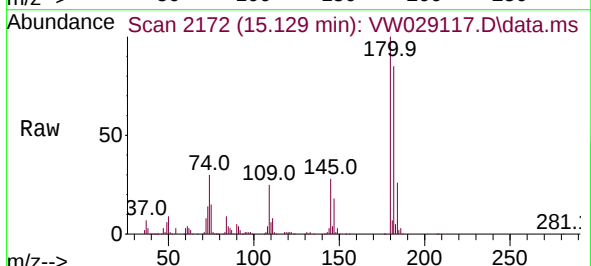
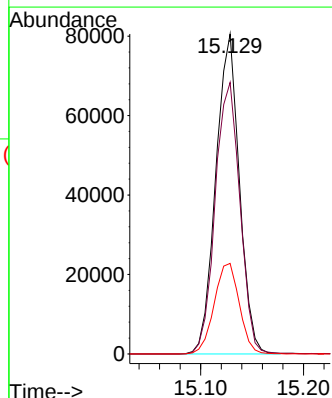
Tgt Ion:180 Resp: 128206

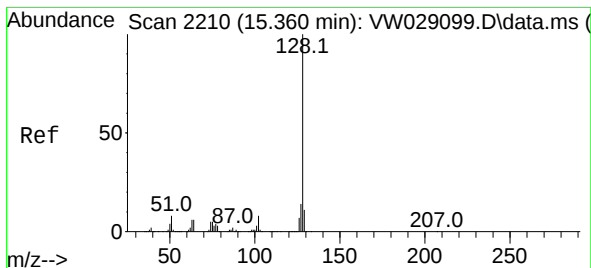
Ion Ratio Lower Upper

180 100

182 89.0 75.3 112.9

145 30.2 26.2 39.2





#71

Naphthalene

Concen: 29.630 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

Instrument :

MSVOA_W

ClientSampleId :

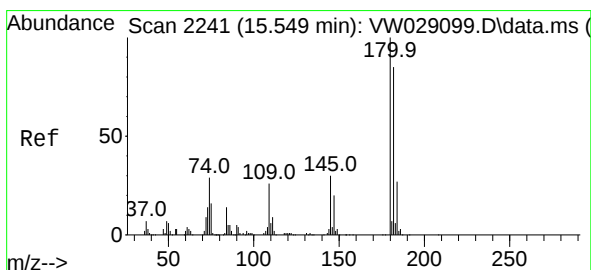
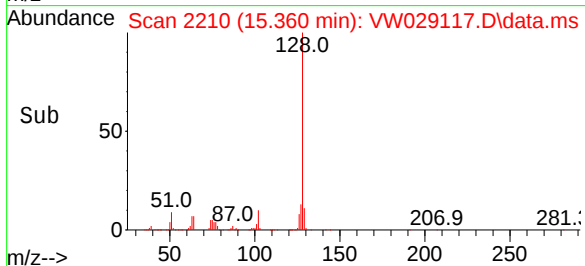
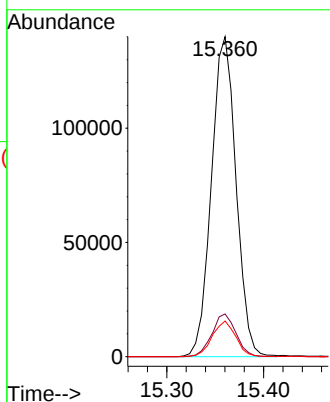
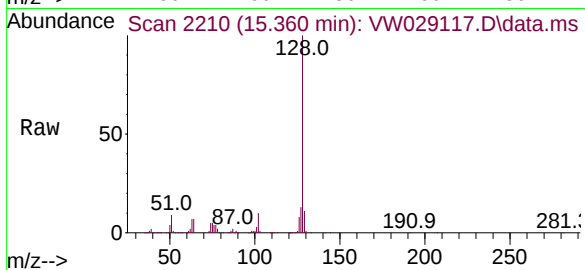
Tgt Ion:128 Resp: 248037

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 25.523 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW029117.D

Acq: 12 Jun 2024 19:14

Tgt Ion:180 Resp: 107139

Ion Ratio Lower Upper

180 100

182 100.0 75.4 113.0

145 34.7 26.6 39.8

