

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
 Data File : VW030109.D
 Acq On : 29 Aug 2024 18:56
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 21:36:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 29 21:32:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	187694	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	177303	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	92398	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	60389	21.620	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.480%
7) Chloroethane-d5	2.899	69	48457	24.444	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.760%
11) 1,1-Dichloroethene-d2	4.014	65	28667	24.022	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.080%
21) 2-Butanone-d5	7.075	46	39233	70.463	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.920%#
24) Chloroform-d	7.648	84	126701	25.032	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.120%
26) 1,2-Dichloroethane-d4	8.306	65	69969	27.224	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.880%
32) Benzene-d6	8.276	84	242935	23.213	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.840%
36) 1,2-Dichloropropane-d6	9.276	67	76006	24.788	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.160%
41) Toluene-d8	10.318	98	223964	23.511	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.040%
43) trans-1,3-Dichloroprop...	10.574	79	31326	24.836	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.360%
47) 2-Hexanone-d5	10.922	63	31360	66.825	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	68252	30.233	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.920%#
66) 1,2-Dichlorobenzene-d4	13.848	152	73124	21.880	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	41505	19.227	ug/L #	85
3) Chloromethane	2.222	50	78087	31.116	ug/L	99
5) Vinyl chloride	2.375	62	75723	25.528	ug/L #	68
6) Bromomethane	2.789	94	45276	24.562	ug/L	94
8) Chloroethane	2.935	64	45588	26.671	ug/L	88
9) Trichlorofluoromethane	3.265	101	68427	26.640	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	68142	27.729	ug/L	99
12) 1,1-Dichloroethene	4.045	96	61658	25.628	ug/L	90
13) Acetone	4.124	43	41182	80.865	ug/L	100
14) Carbon disulfide	4.386	76	214069	28.682	ug/L	96
15) Methyl Acetate	4.673	43	36380	36.640	ug/L	96
16) Methylene chloride	4.917	84	76849	24.785	ug/L	88
17) trans-1,2-Dichloroethene	5.423	96	65605	24.657	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	103717	25.489	ug/L	97
19) 1,1-Dichloroethane	6.215	63	131680	26.633	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	68743	23.376	ug/L	92
22) 2-Butanone	7.172	43	51792	71.071	ug/L	90
23) Bromochloromethane	7.520	128	30872	24.750	ug/L	94
25) Chloroform	7.678	83	130028	25.711	ug/L	100

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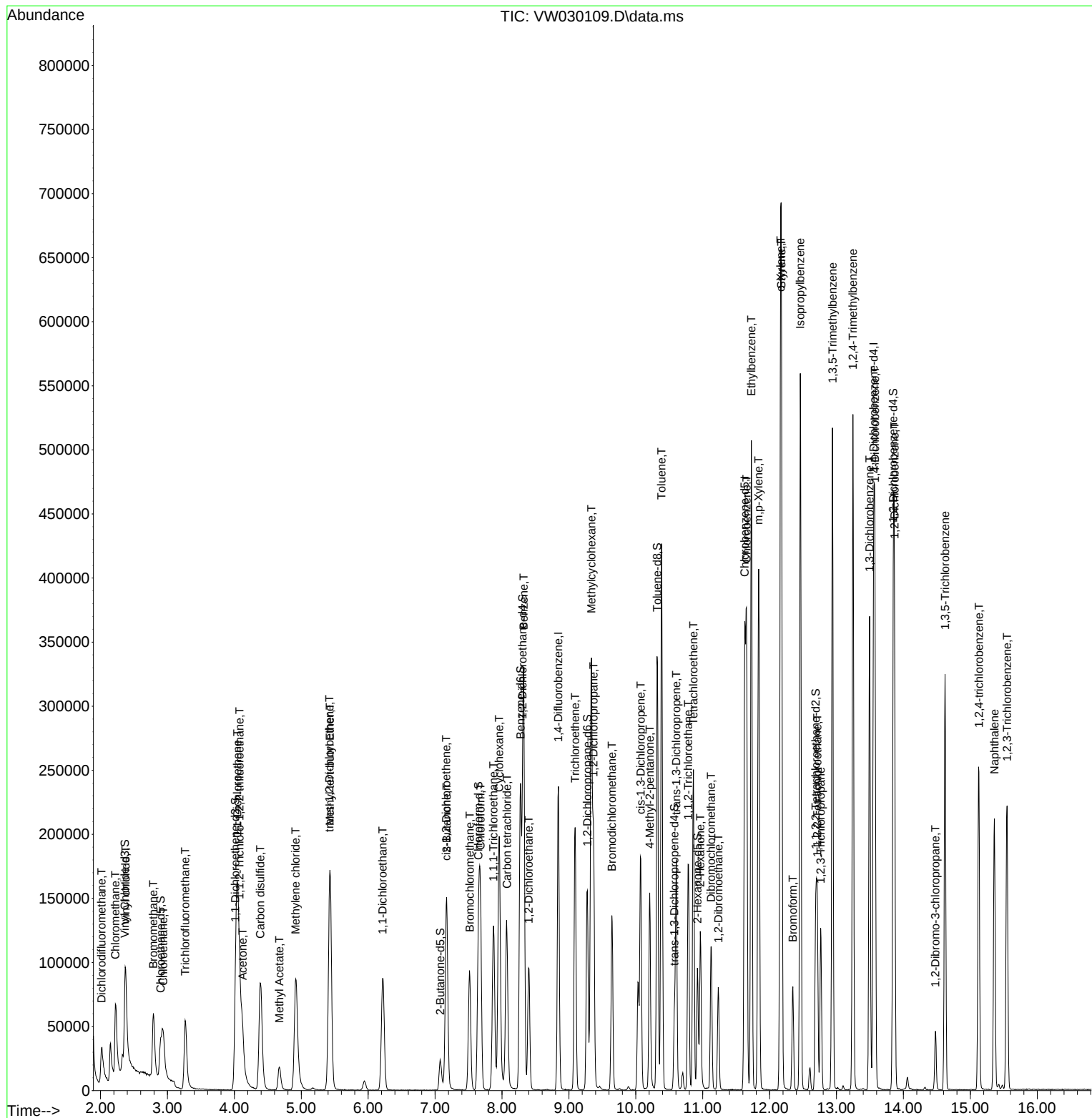
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	90099	27.832	ug/L	99
29) Cyclohexane	7.959	56	113501	26.512	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	105228	25.339	ug/L	99
31) Carbon tetrachloride	8.075	117	96391	25.835	ug/L	98
33) Benzene	8.325	78	285287	25.114	ug/L	100
34) Trichloroethene	9.093	95	72949	23.848	ug/L	95
35) Methylcyclohexane	9.337	83	129250	25.799	ug/L	94
37) 1,2-Dichloropropane	9.367	63	77216	26.843	ug/L	99
38) Bromodichloromethane	9.642	83	92000	25.347	ug/L	97
39) cis-1,3-Dichloropropene	10.074	75	109452	24.721	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	100907	70.469	ug/L	95
42) Toluene	10.385	91	306218	25.313	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	94206	26.294	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	55703	26.419	ug/L	97
46) Tetrachloroethene	10.861	164	53394	22.998	ug/L	96
48) 2-Hexanone	10.964	43	78447	77.063	ug/L	90
49) Dibromochloromethane	11.123	129	58895	26.289	ug/L	92
50) 1,2-Dibromoethane	11.233	107	53241	27.033	ug/L #	91
51) Chlorobenzene	11.653	112	180334	23.314	ug/L	92
52) Ethylbenzene	11.727	91	340145	24.815	ug/L	95
53) m,p-Xylene	11.836	106	124749	24.387	ug/L	100
54) o-Xylene	12.165	106	118923	24.222	ug/L	97
55) Styrene	12.178	104	211906	25.760	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	73150	30.809	ug/L	99
59) Bromoform	12.348	173	36683	26.660	ug/L #	93
60) Isopropylbenzene	12.458	105	332237	22.538	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	53834	28.655	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	263245	24.017	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	266549	23.072	ug/L	96
64) 1,3-Dichlorobenzene	13.494	146	144705	23.027	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	135629	21.364	ug/L	92
67) 1,2-Dichlorobenzene	13.866	146	128557	22.868	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	12234	30.421	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.622	180	96555	23.534	ug/L	92
70) 1,2,4-trichlorobenzene	15.128	180	75376	21.226	ug/L	97
71) Naphthalene	15.360	128	173647	25.608	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	71134	22.822	ug/L	99

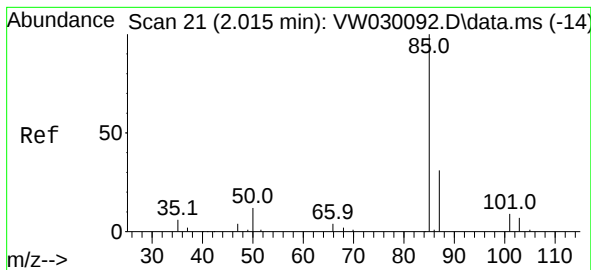
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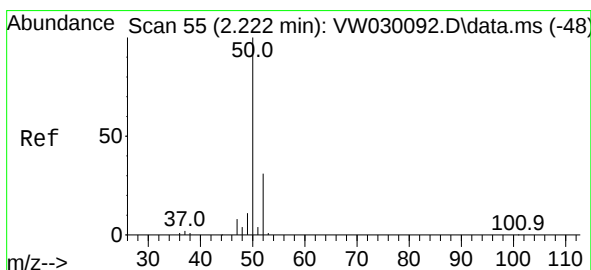
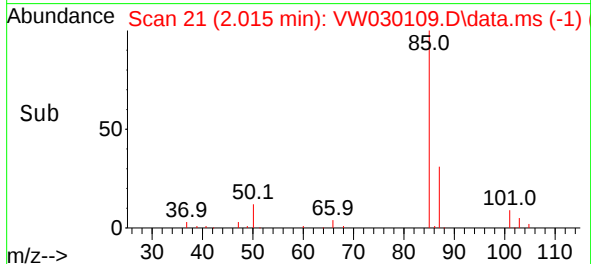
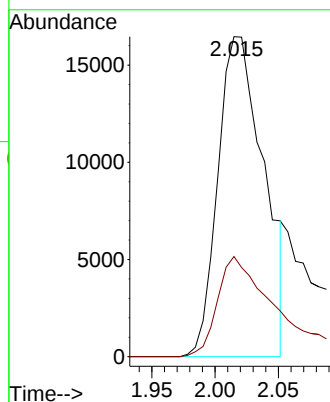
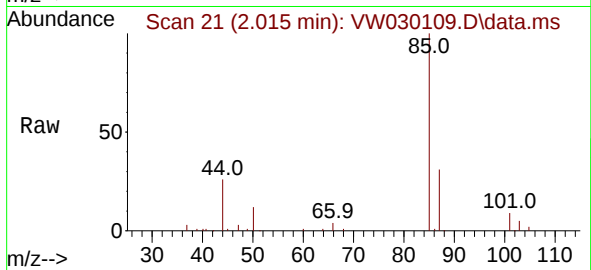




#2
 Dichlorodifluoromethane
 Concen: 19.227 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030109.D
 Acq: 29 Aug 2024 18:56

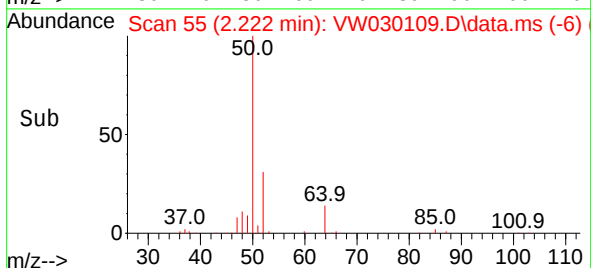
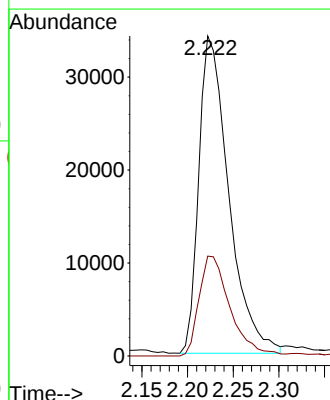
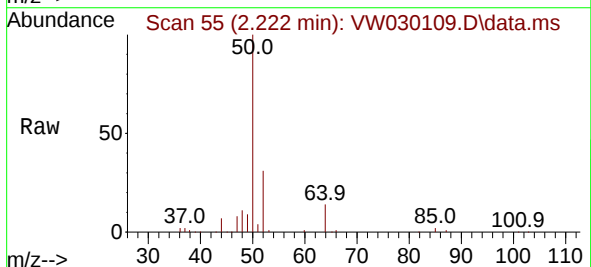
Instrument :
 MSVOA_W
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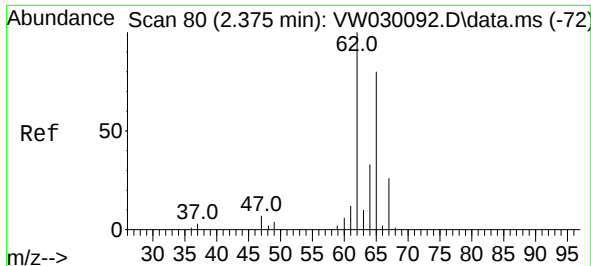
Tgt Ion: 85 Resp: 41505
 Ion Ratio Lower Upper
 85 100
 87 38.5 24.2 36.2#



#3
 Chloromethane
 Concen: 31.116 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW030109.D
 Acq: 29 Aug 2024 18:56

Tgt Ion: 50 Resp: 78087
 Ion Ratio Lower Upper
 50 100
 52 31.2 21.6 40.2

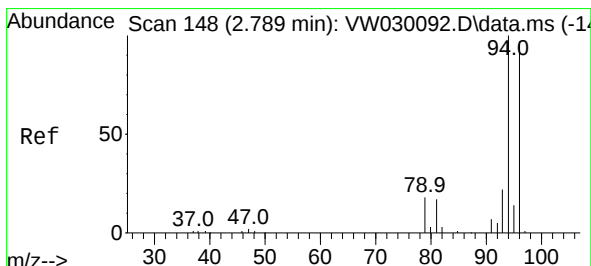
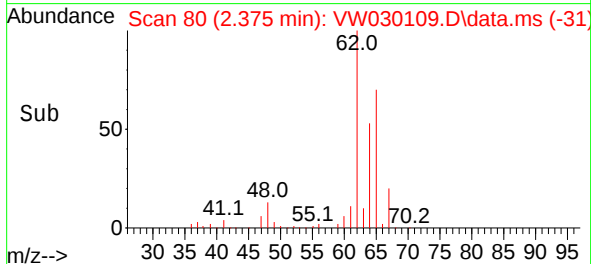
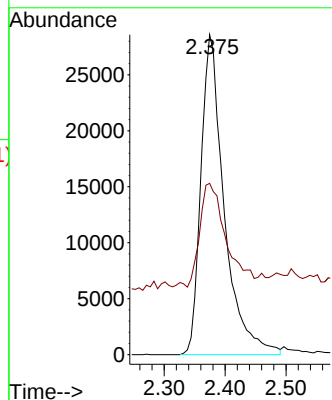
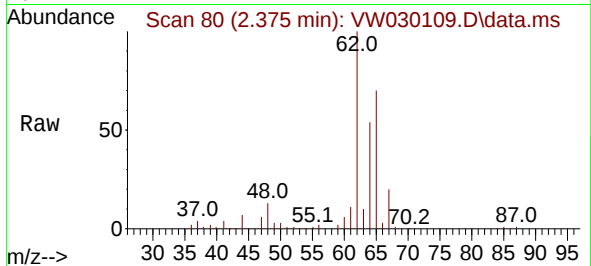




#5
 Vinyl chloride
 Concen: 25.528 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030109.D
 Acq: 29 Aug 2024 18:56

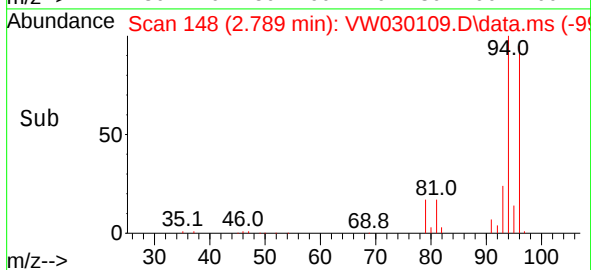
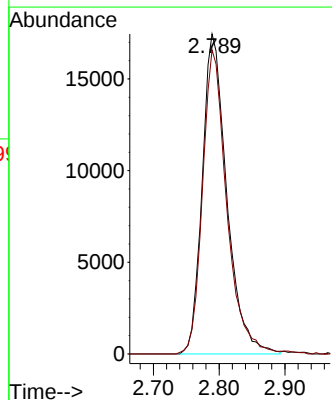
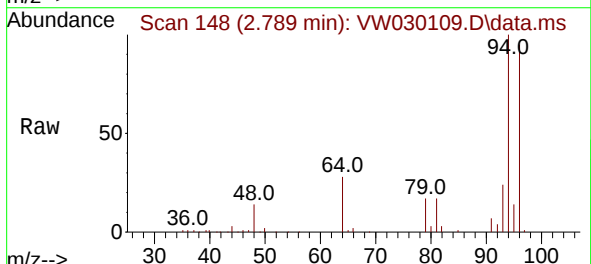
Instrument :
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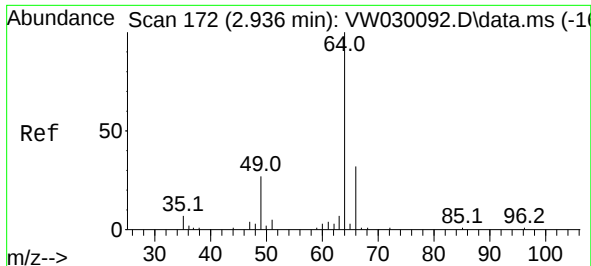
Tgt Ion: 62 Resp: 75723
 Ion Ratio Lower Upper
 62 100
 64 53.5 24.4 45.4#



#6
 Bromomethane
 Concen: 24.562 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW030109.D
 Acq: 29 Aug 2024 18:56

Tgt Ion: 94 Resp: 45276
 Ion Ratio Lower Upper
 94 100
 96 95.0 62.4 115.8

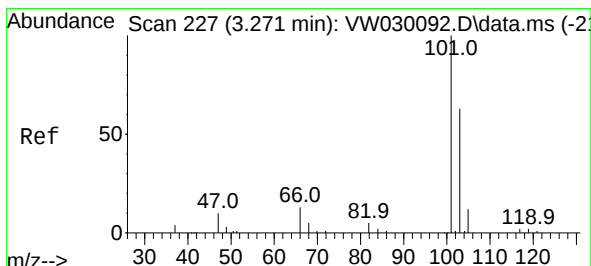
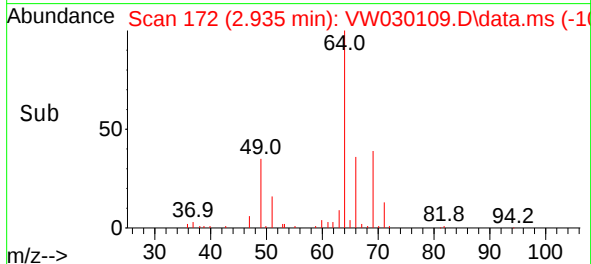
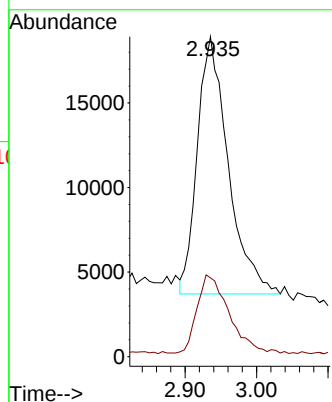
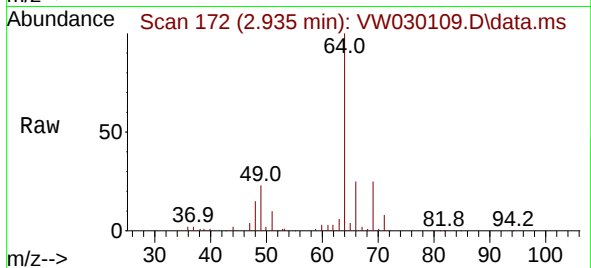




#8
Chloroethane
Concen: 26.671 ug/L
RT: 2.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030109.D
Acq: 29 Aug 2024 18:56

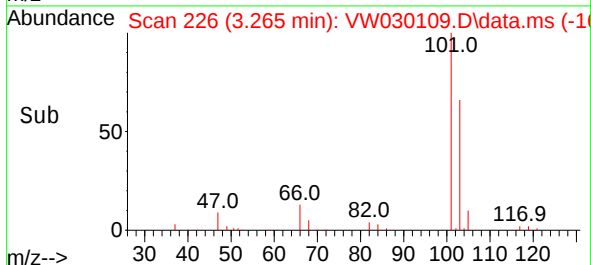
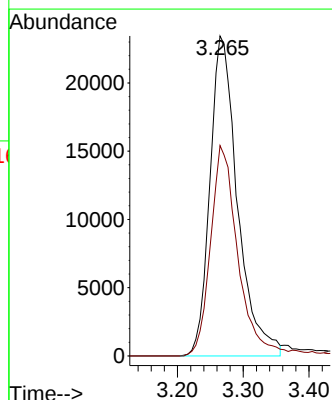
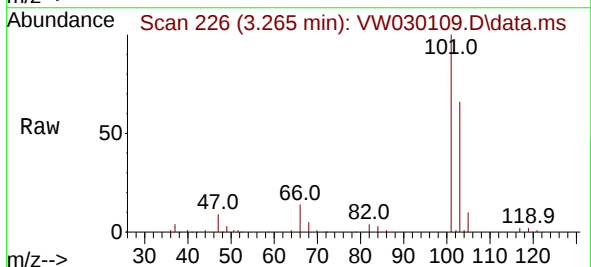
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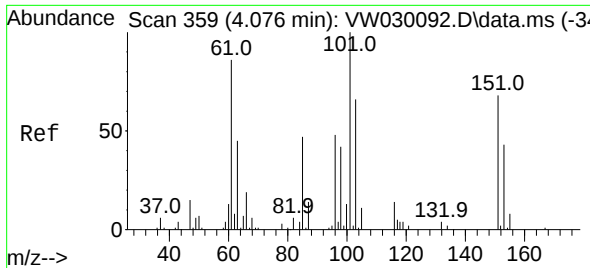
Tgt Ion: 64 Resp: 45588
Ion Ratio Lower Upper
64 100
66 24.7 21.7 40.3



#9
Trichlorofluoromethane
Concen: 26.640 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030109.D
Acq: 29 Aug 2024 18:56

Tgt Ion:101 Resp: 68427
Ion Ratio Lower Upper
101 100
103 64.9 50.7 76.1

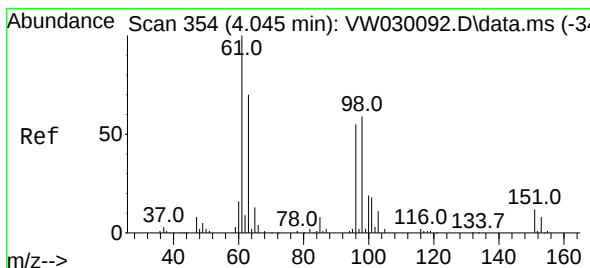
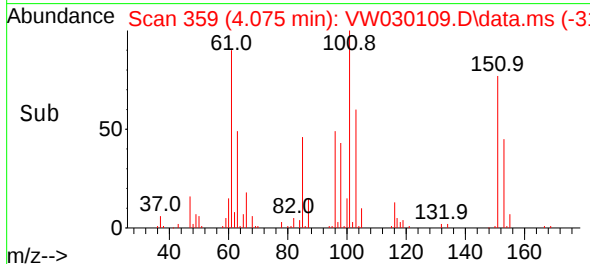
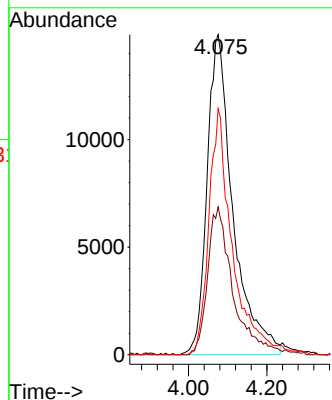
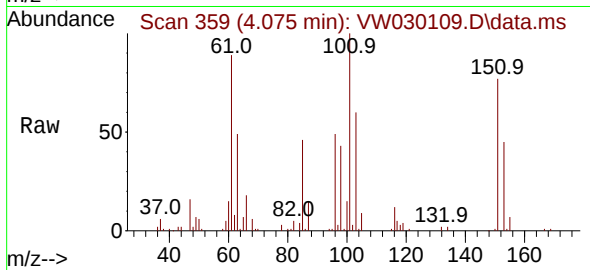




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.729 ug/L
 RT: 4.075 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW030109.D
 Acq: 29 Aug 2024 18:56

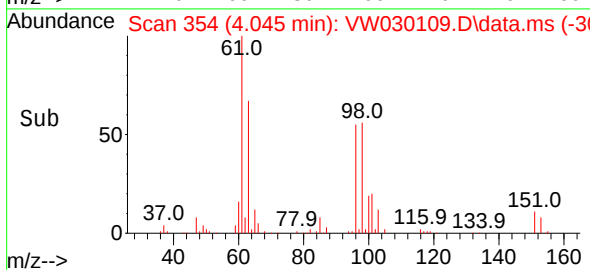
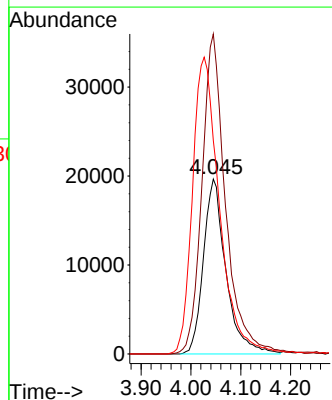
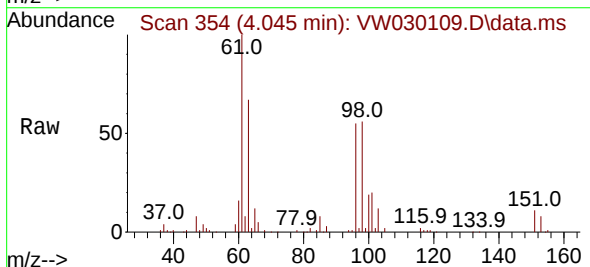
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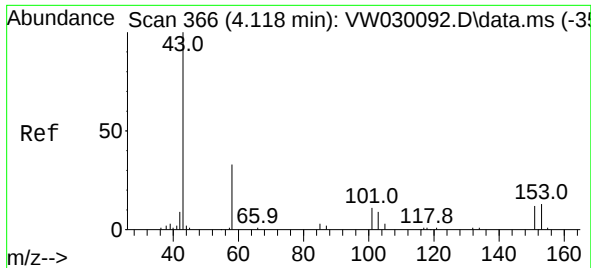
Tgt Ion:101 Resp: 68142
 Ion Ratio Lower Upper
 101 100
 85 42.3 34.7 52.1
 151 68.3 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 25.628 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW030109.D
 Acq: 29 Aug 2024 18:56

Tgt Ion: 96 Resp: 61658
 Ion Ratio Lower Upper
 96 100
 61 183.0 126.0 234.0
 63 122.1 101.8 189.2





#13

Acetone

Concen: 80.865 ug/L

RT: 4.124 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW030109.D

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Instrument :

MSVOA_W

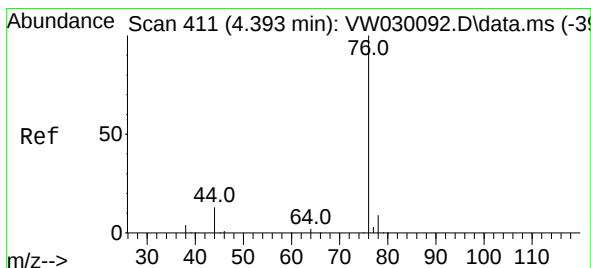
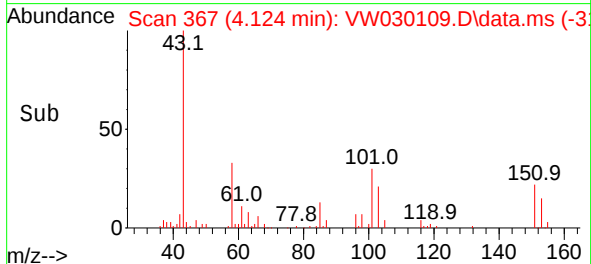
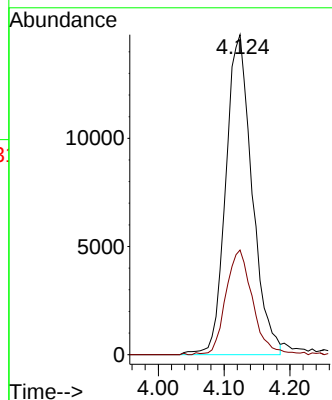
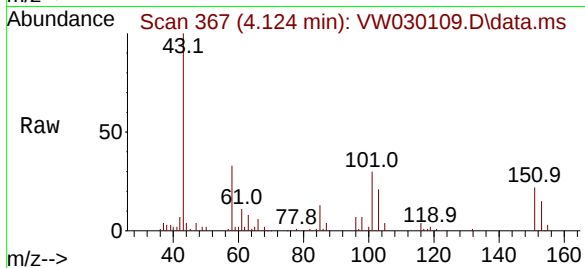
ClientSampleId :

Tgt Ion: 43 Resp: 41182

Ion Ratio Lower Upper

43 100

58 33.1 0.0 66.4



#14

Carbon disulfide

Concen: 28.682 ug/L

RT: 4.386 min Scan# 410

Delta R.T. -0.006 min

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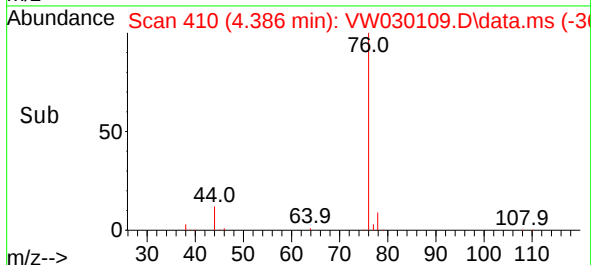
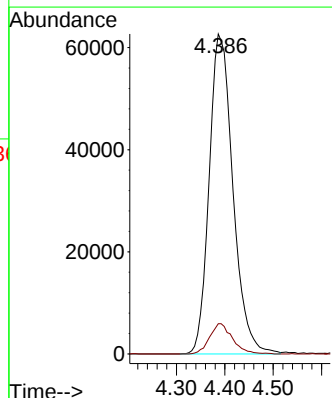
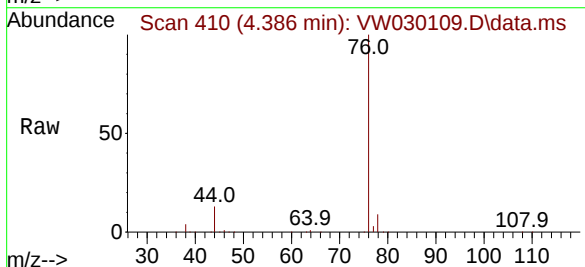
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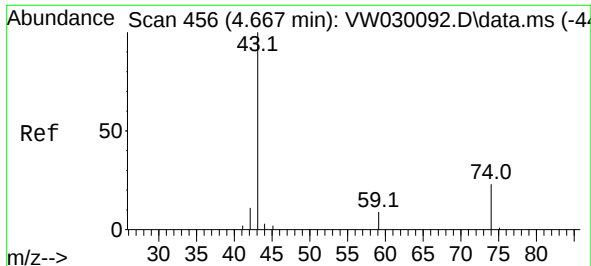
Tgt Ion: 76 Resp: 214069

Ion Ratio Lower Upper

76 100

78 9.5 6.6 9.8

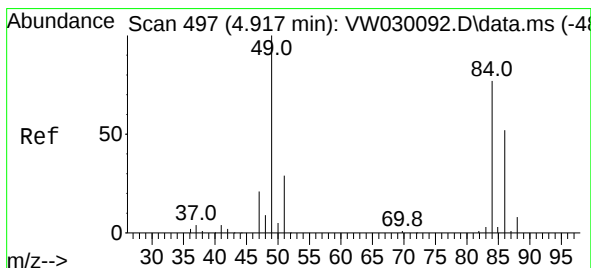
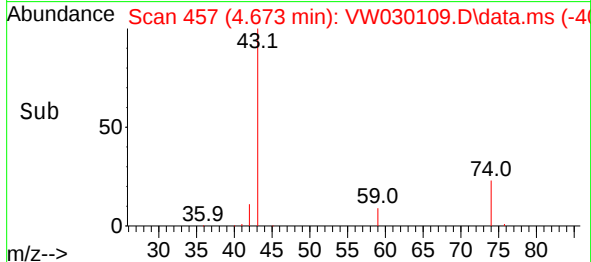
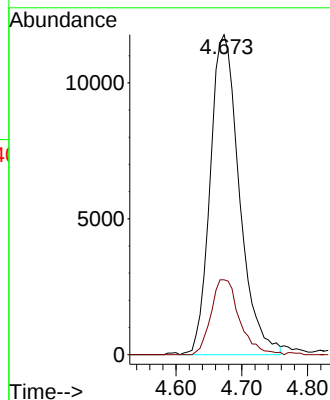
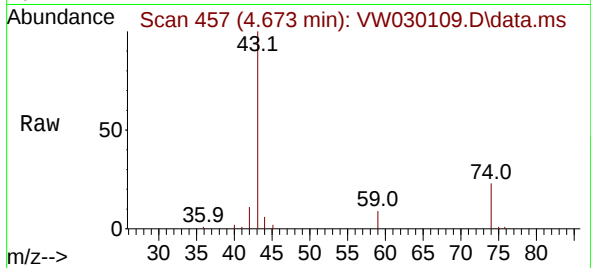




#15
Methyl Acetate
Concen: 36.640 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW030109.D
Acq: 29 Aug 2024 18:56

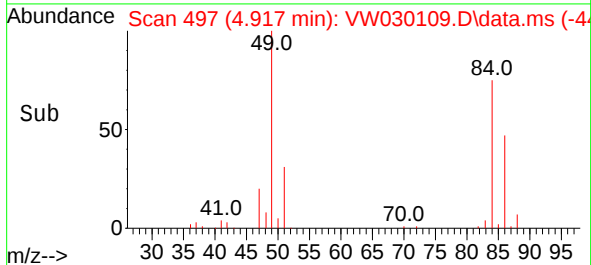
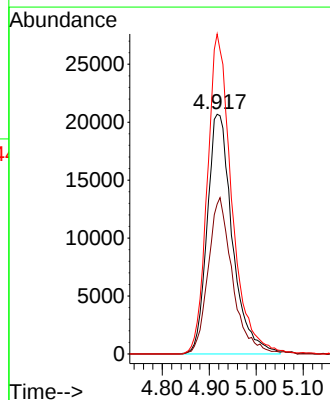
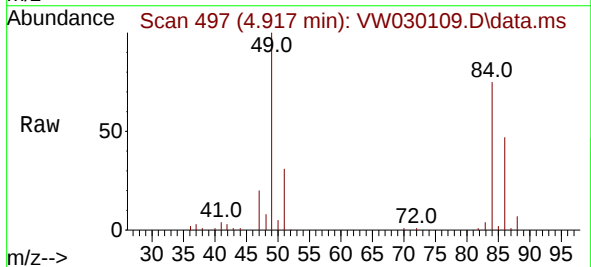
Instrument :
MSVOA_W
ClientSampleId :

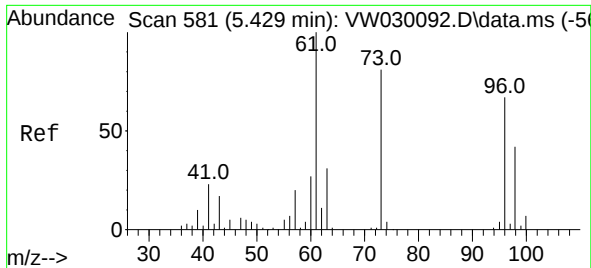
Tgt Ion: 43 Resp: 36380
Ion Ratio Lower Upper
43 100
74 22.7 19.9 29.9



#16
Methylene chloride
Concen: 24.785 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW030109.D
Acq: 29 Aug 2024 18:56

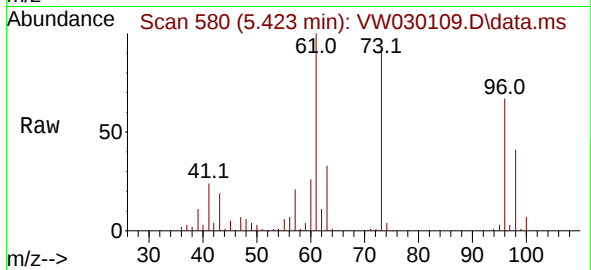
Tgt Ion: 84 Resp: 76849
Ion Ratio Lower Upper
84 100
86 62.6 44.2 82.2
49 133.5 79.9 148.3



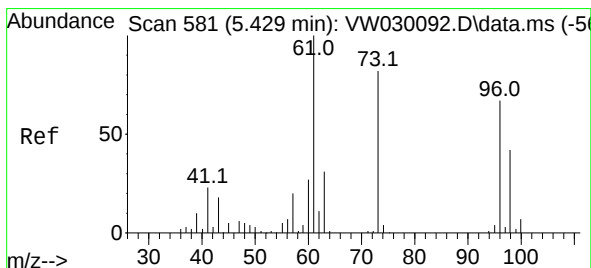
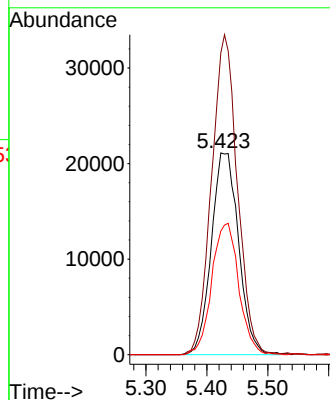
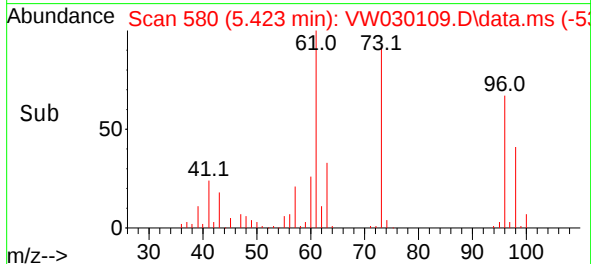


#17
trans-1,2-Dichloroethene
Concen: 24.657 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW030109.D
Acq: 29 Aug 2024 18:56

Instrument :
MSVOA_W
ClientSampleId :

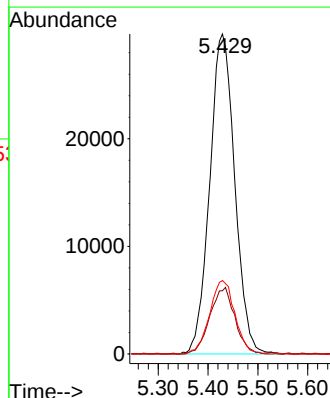
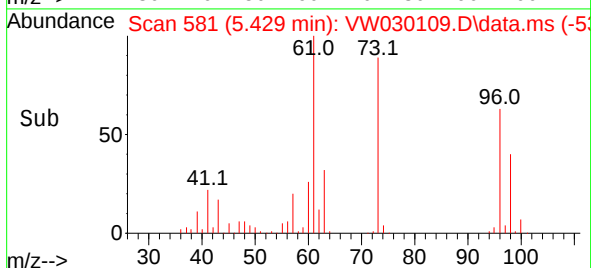
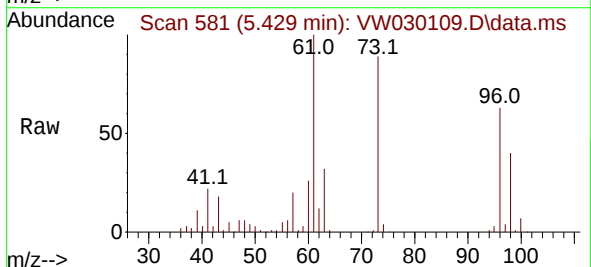


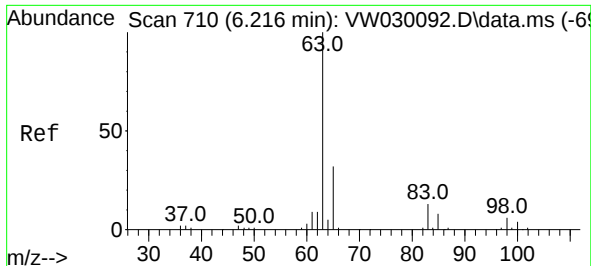
Tgt Ion: 96 Resp: 65605
Ion Ratio Lower Upper
96 100
61 149.7 98.3 182.7
98 61.3 45.3 84.1



#18
Methyl tert-butyl Ether
Concen: 25.489 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW030109.D
Acq: 29 Aug 2024 18:56

Tgt Ion: 73 Resp: 103717
Ion Ratio Lower Upper
73 100
43 20.8 15.4 23.2
57 23.1 17.4 26.0





#19

1,1-Dichloroethane

Concen: 26.633 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

Instrument :

MSVOA_W

ClientSampleId :

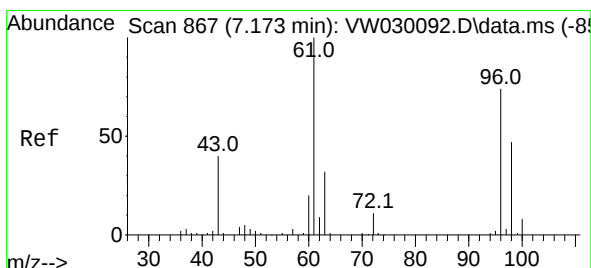
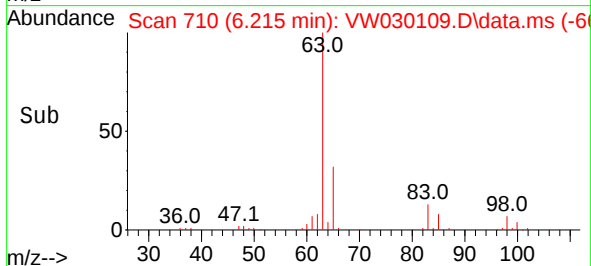
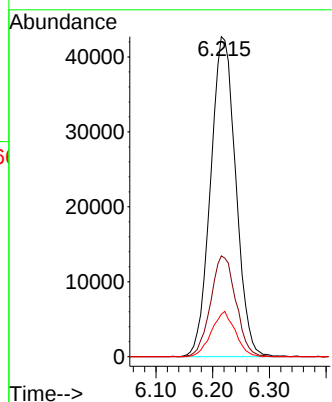
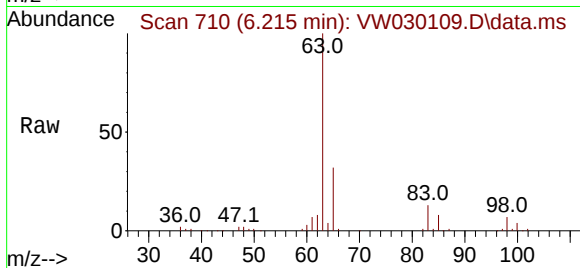
Tgt Ion: 63 Resp: 131680

Ion Ratio Lower Upper

63 100

65 31.5 21.6 40.0

83 13.2 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 23.376 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

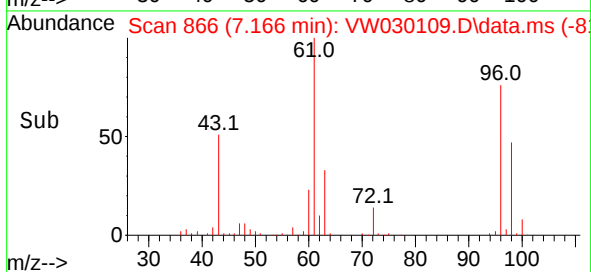
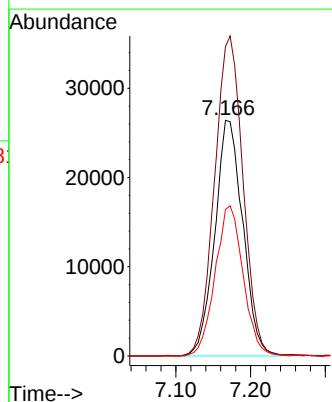
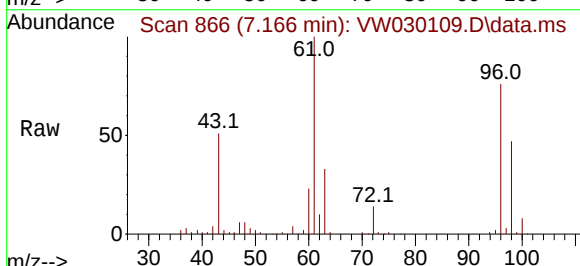
Tgt Ion: 96 Resp: 68743

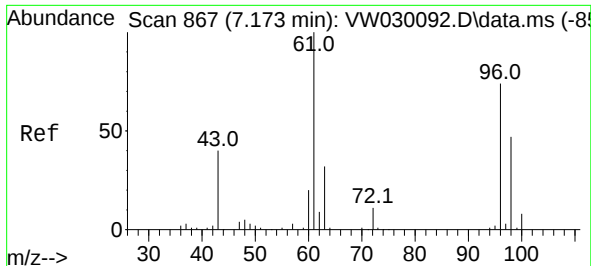
Ion Ratio Lower Upper

96 100

61 131.2 99.6 185.0

98 62.2 46.5 86.5





#22

2-Butanone

Concen: 71.071 ug/L

RT: 7.172 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

Instrument :

MSVOA_W

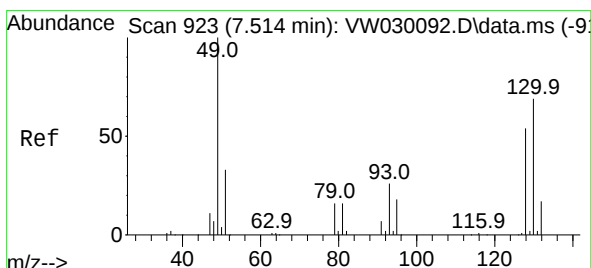
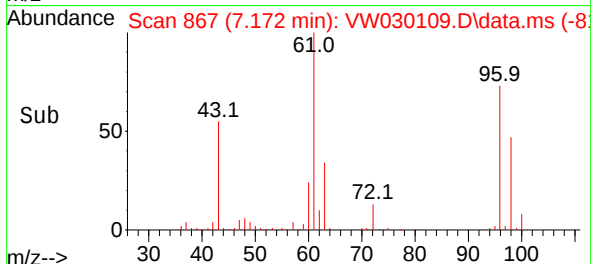
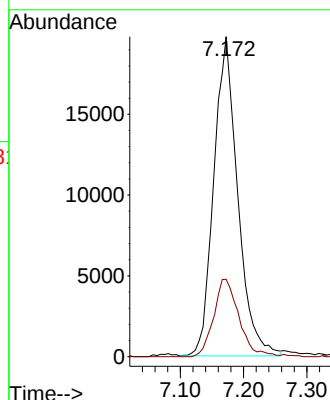
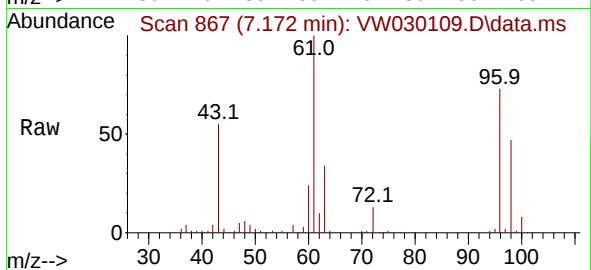
ClientSampleId :

Tgt Ion: 43 Resp: 51792

Ion Ratio Lower Upper

43 100

72 24.8 15.0 45.1



#23

Bromochloromethane

Concen: 24.750 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

Tgt Ion: 128 Resp: 30872

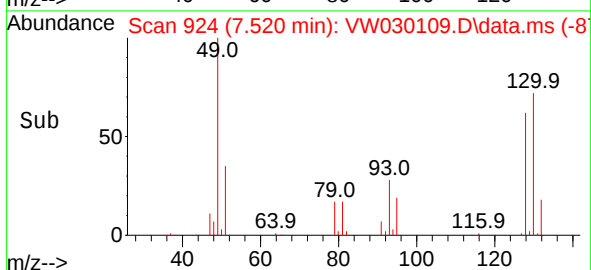
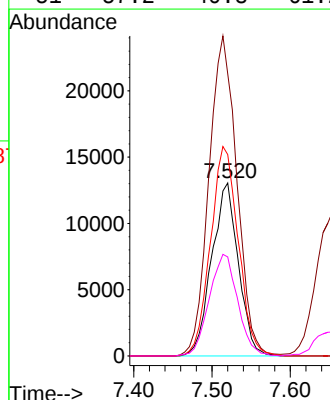
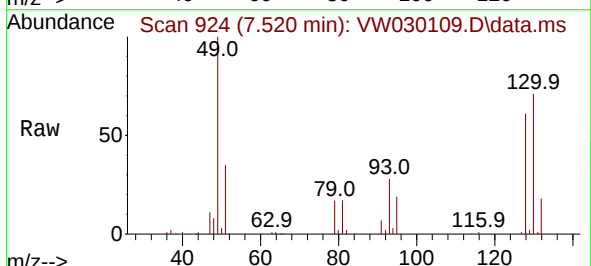
Ion Ratio Lower Upper

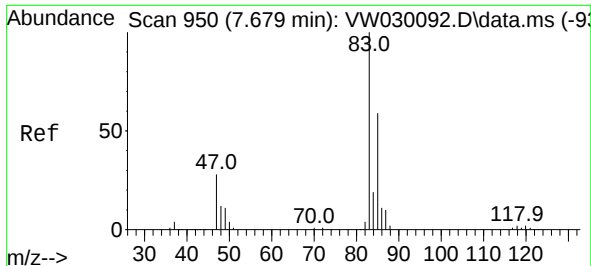
128 100

49 163.2 117.3 217.9

130 116.5 89.3 165.9

51 57.2 40.8 61.2





#25

Chloroform

Concen: 25.711 ug/L

RT: 7.678 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

Instrument :

MSVOA_W

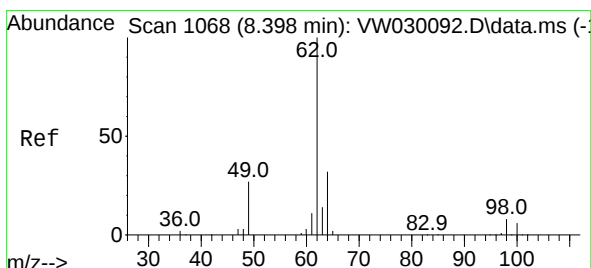
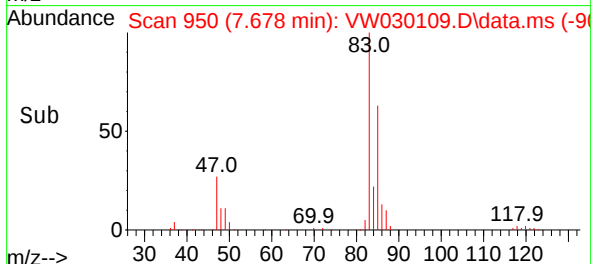
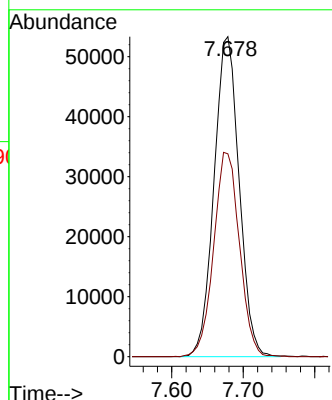
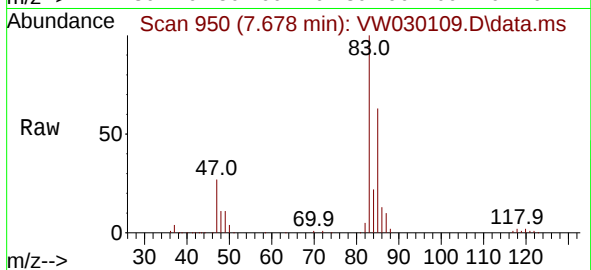
ClientSampleId :

Tgt Ion: 83 Resp: 130028

Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.4



#27

1,2-Dichloroethane

Concen: 27.832 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030109.D

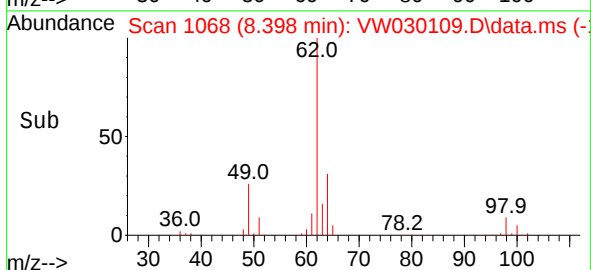
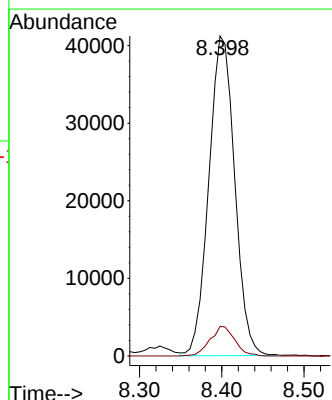
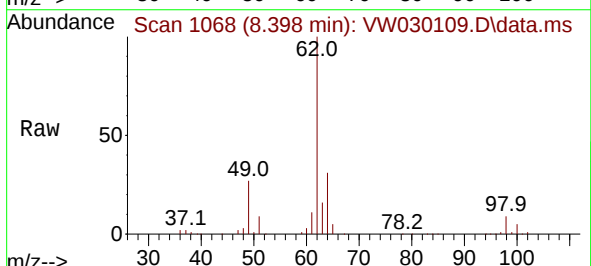
Acq: 29 Aug 2024 18:56

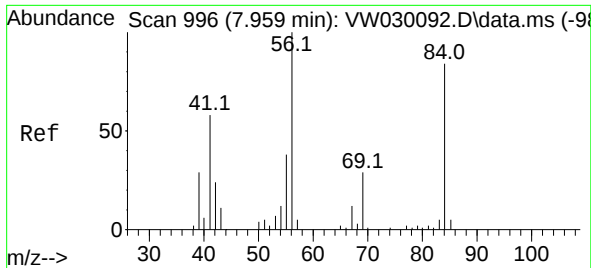
Tgt Ion: 62 Resp: 90099

Ion Ratio Lower Upper

62 100

98 9.3 7.7 11.5





#29

Cyclohexane

Concen: 26.512 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

Instrument :

MSVOA_W

ClientSampleId :

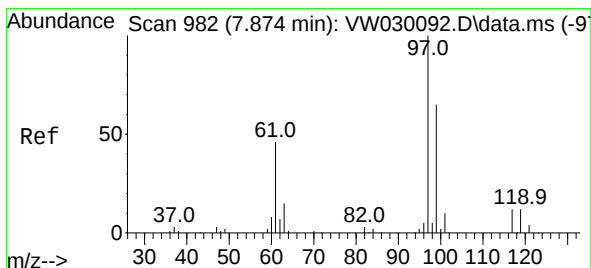
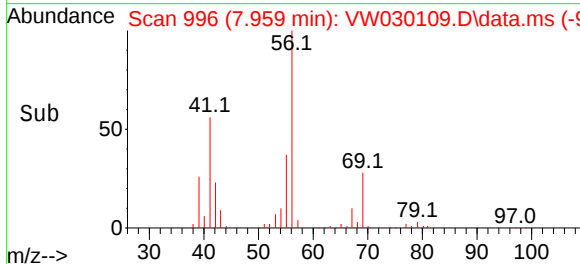
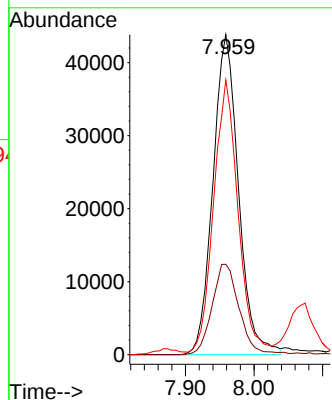
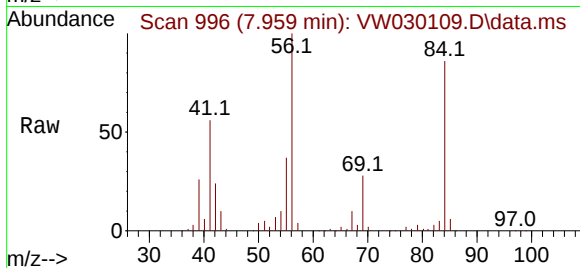
Tgt Ion: 56 Resp: 113501

Ion Ratio Lower Upper

56 100

69 29.6 24.4 36.6

84 81.5 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 25.339 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

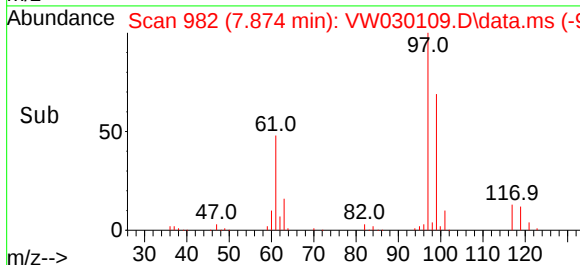
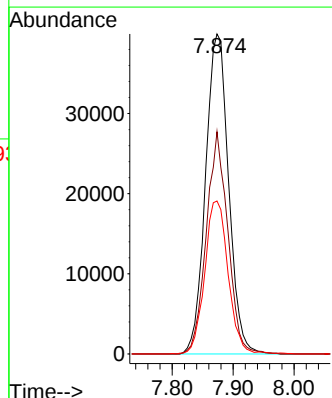
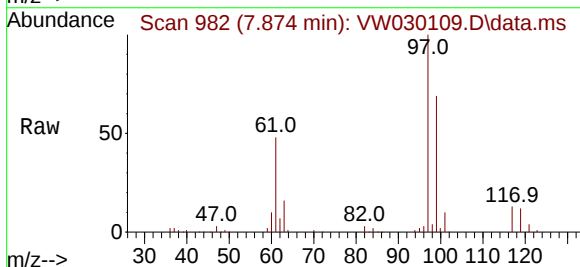
Tgt Ion: 97 Resp: 105228

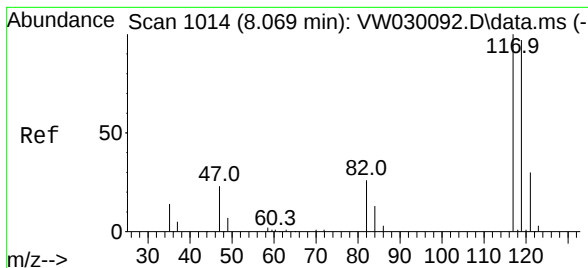
Ion Ratio Lower Upper

97 100

99 64.7 51.7 77.5

61 48.1 37.2 55.8





#31

Carbon tetrachloride

Concen: 25.835 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

Instrument :

MSVOA_W

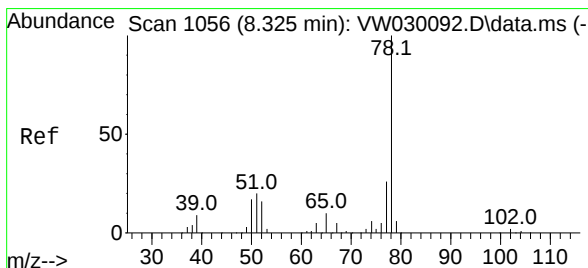
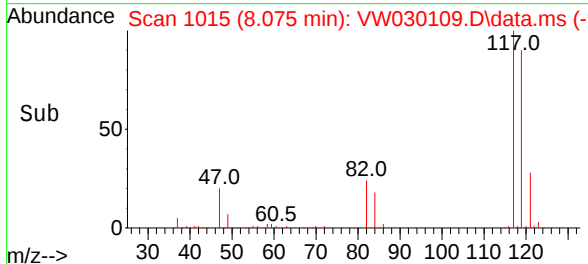
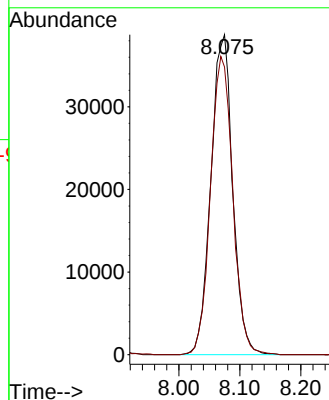
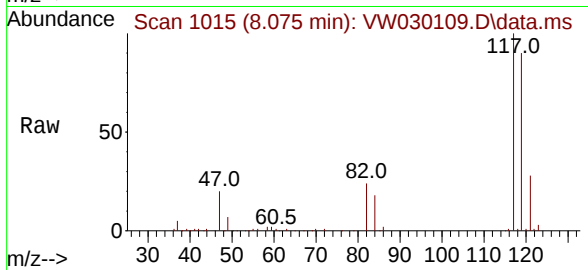
ClientSampleId :

Tgt Ion:117 Resp: 96391

Ion Ratio Lower Upper

117 100

119 95.3 77.7 116.5



#33

Benzene

Concen: 25.114 ug/L

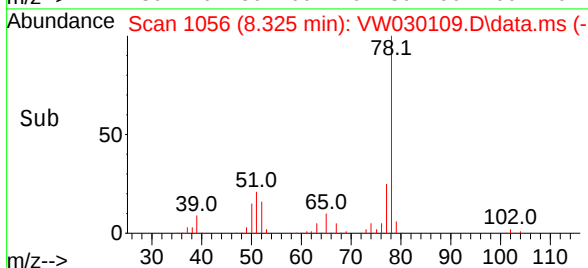
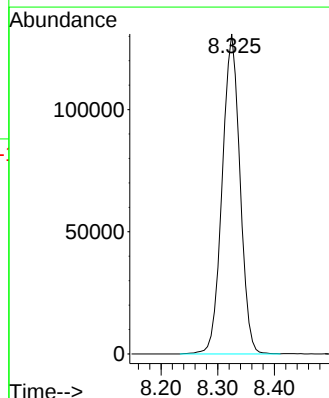
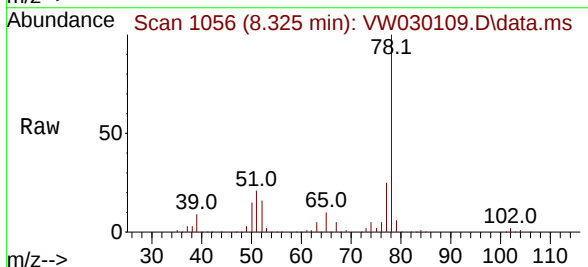
RT: 8.325 min Scan# 1056

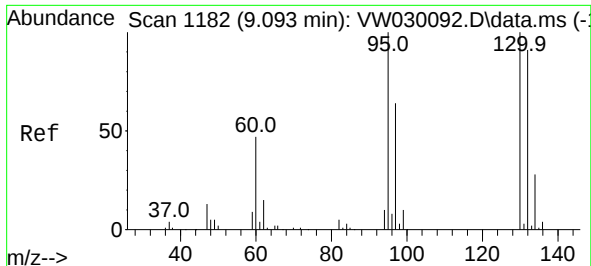
Delta R.T. -0.000 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

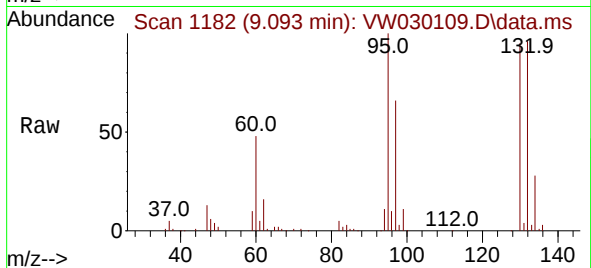
Tgt Ion: 78 Resp: 285287



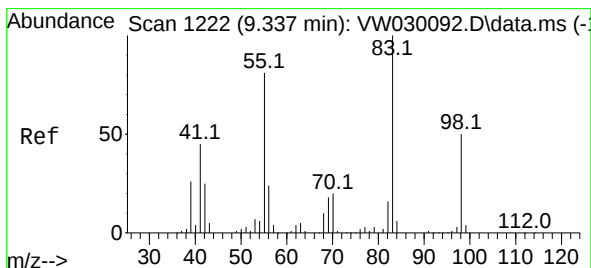
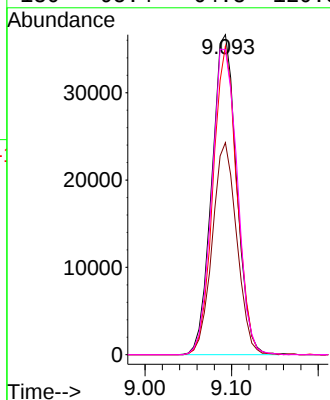
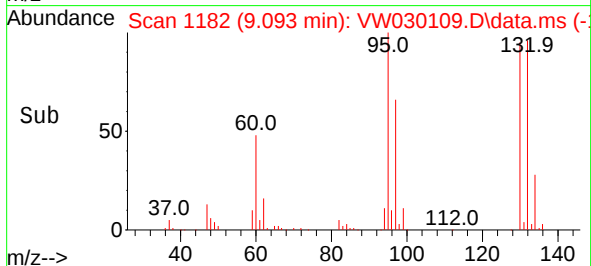


#34
Trichloroethene
Concen: 23.848 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW030109.D
Acq: 29 Aug 2024 18:56

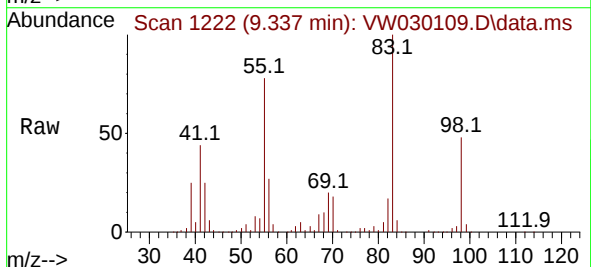
Instrument :
MSVOA_W
ClientSampleId :



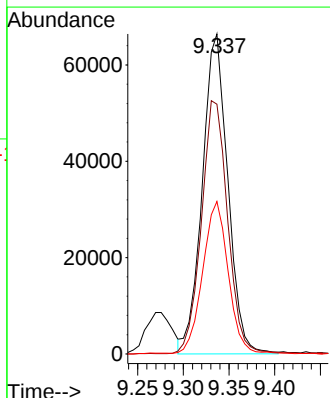
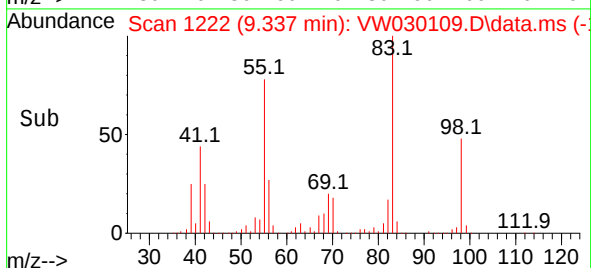
Tgt Ion: 95 Resp: 72949
Ion Ratio Lower Upper
95 100
97 66.3 43.3 80.5
132 96.4 63.6 118.0
130 95.4 64.8 120.3

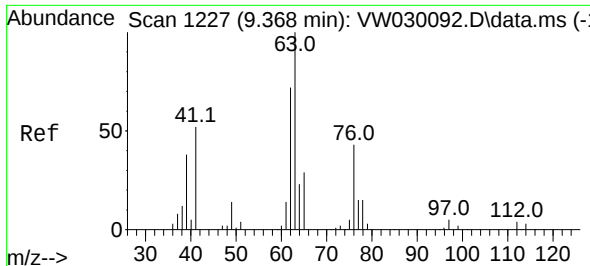


#35
Methylcyclohexane
Concen: 25.799 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW030109.D
Acq: 29 Aug 2024 18:56



Tgt Ion: 83 Resp: 129250
Ion Ratio Lower Upper
83 100
55 81.6 59.0 88.6
98 47.7 38.2 57.4





#37

1,2-Dichloropropane

Concen: 26.843 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

Instrument :

MSVOA_W

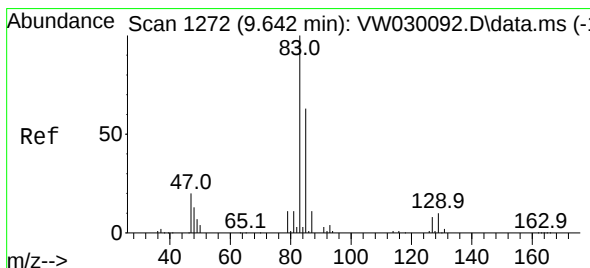
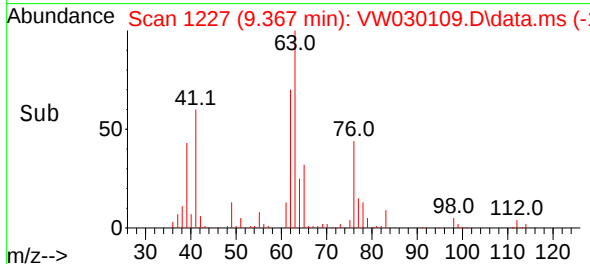
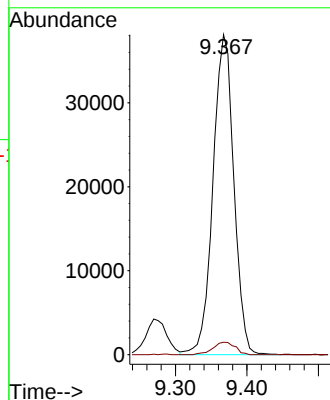
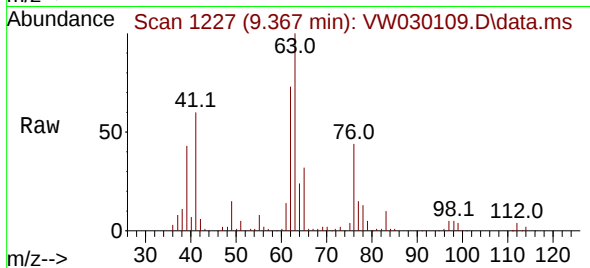
ClientSampleId :

Tgt Ion: 63 Resp: 77216

Ion Ratio Lower Upper

63 100

112 4.2 3.7 5.5



#38

Bromodichloromethane

Concen: 25.347 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

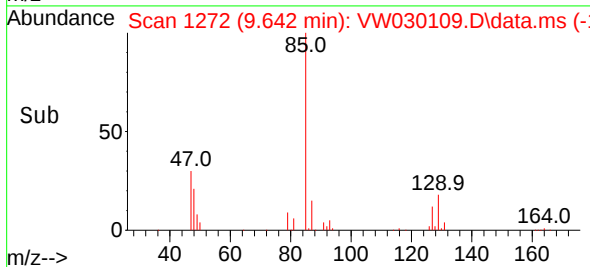
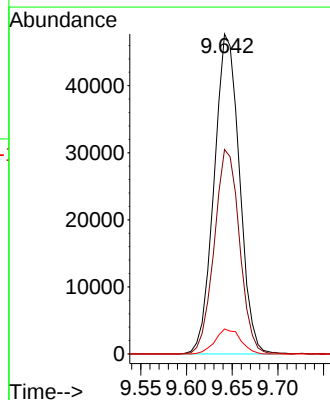
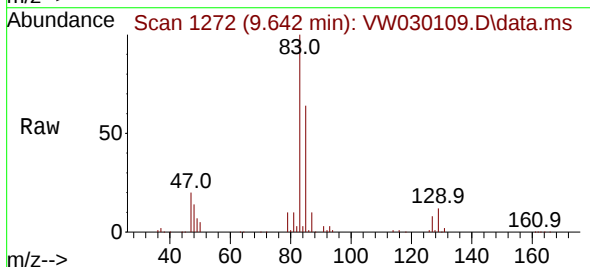
Tgt Ion: 83 Resp: 92000

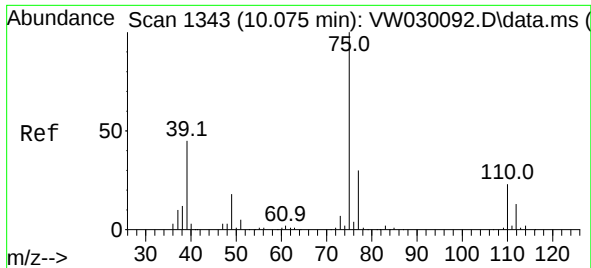
Ion Ratio Lower Upper

83 100

85 63.9 42.9 79.7

127 7.8 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 24.721 ug/L

RT: 10.074 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

Instrument :

MSVOA_W

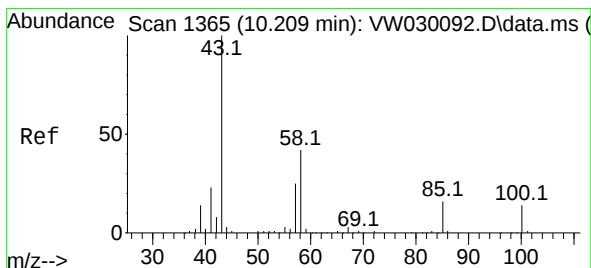
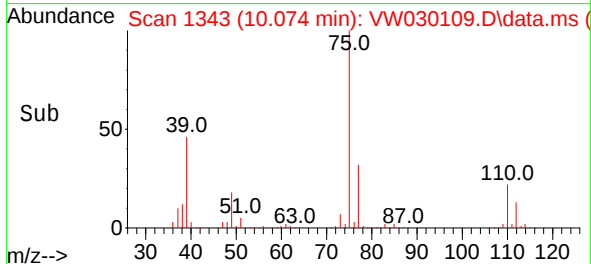
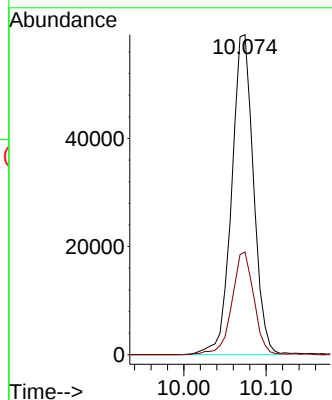
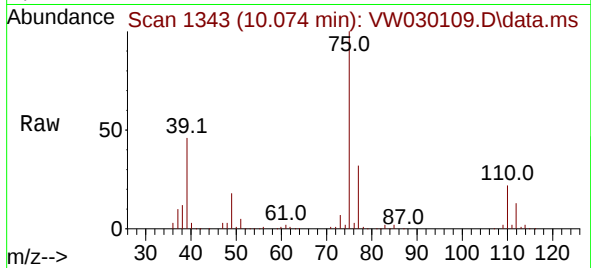
ClientSampleId :

Tgt Ion: 75 Resp: 109452

Ion Ratio Lower Upper

75 100

77 32.1 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 70.469 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

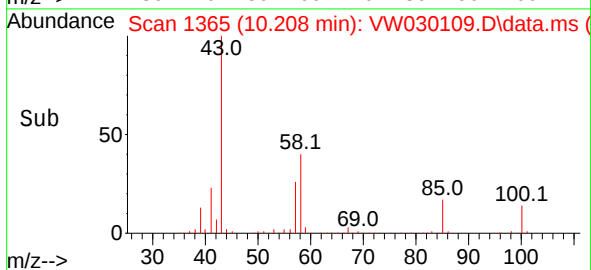
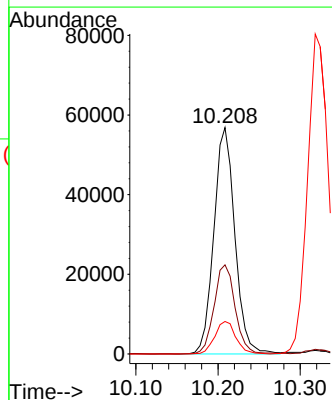
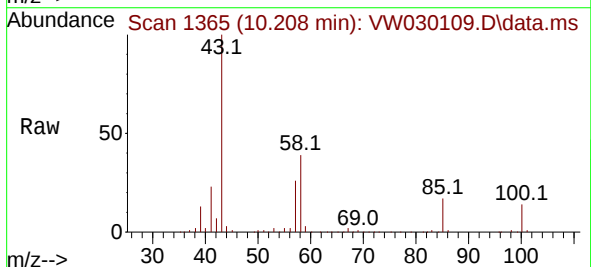
Tgt Ion: 43 Resp: 100907

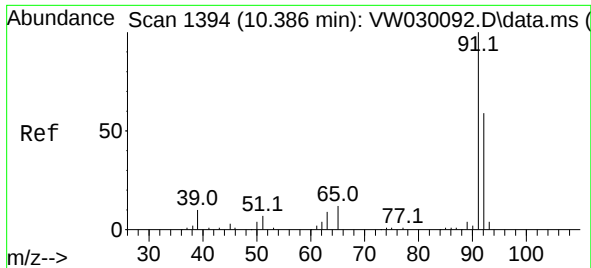
Ion Ratio Lower Upper

43 100

58 39.2 34.0 51.0

100 14.4 13.5 20.3





#42

Toluene

Concen: 25.313 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

Instrument :

MSVOA_W

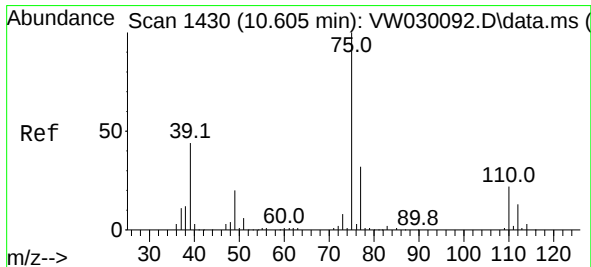
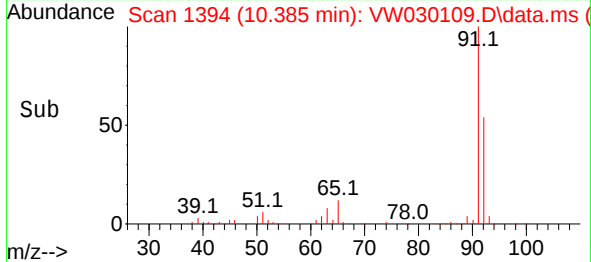
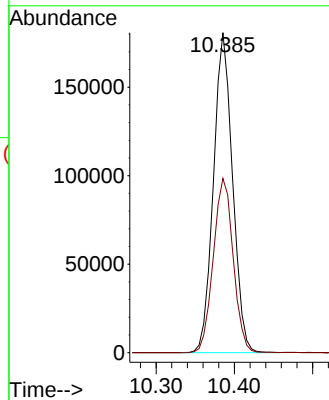
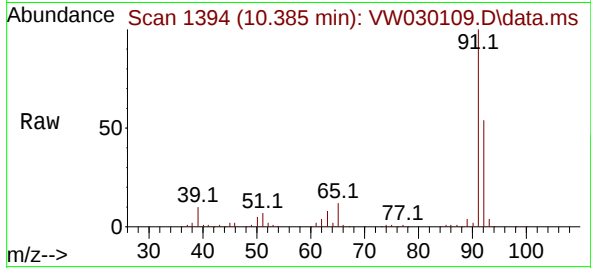
ClientSampleId :

Tgt Ion: 91 Resp: 306218

Ion Ratio Lower Upper

91 100

92 54.4 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 26.294 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030109.D

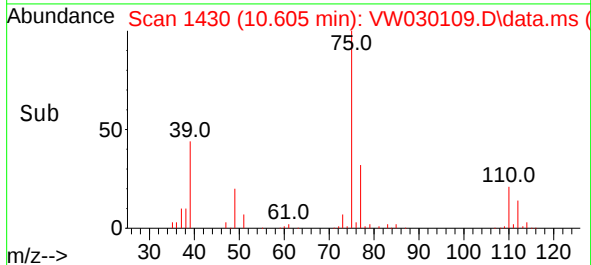
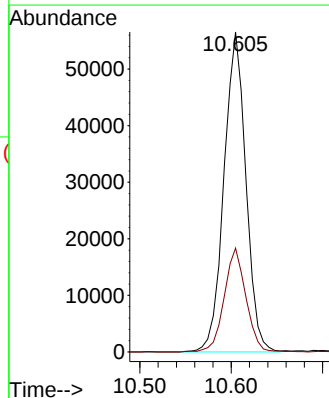
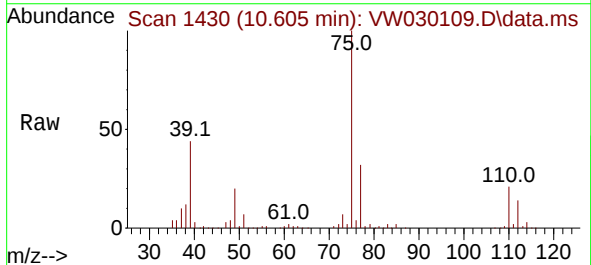
Acq: 29 Aug 2024 18:56

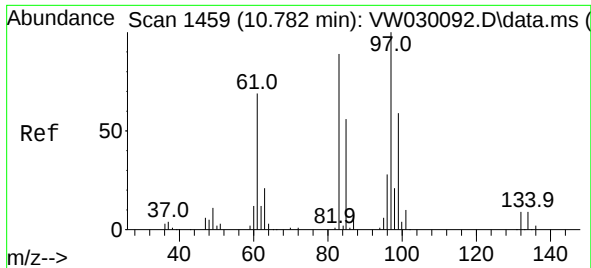
Tgt Ion: 75 Resp: 94206

Ion Ratio Lower Upper

75 100

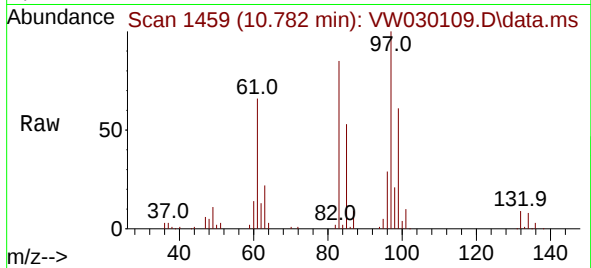
77 32.5 22.0 40.8



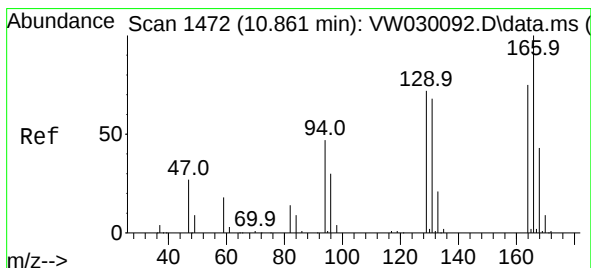
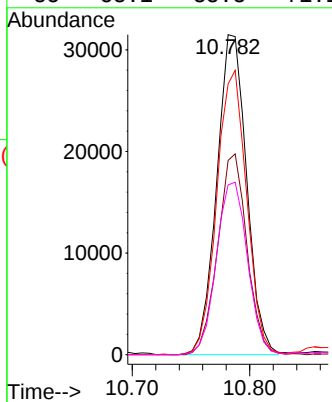
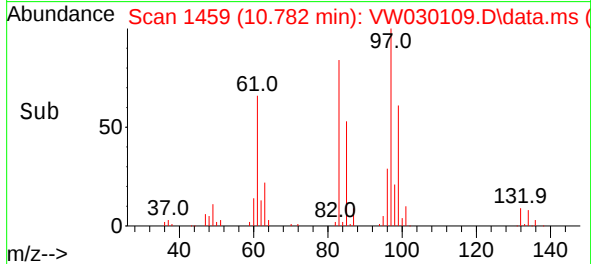


#45
1,1,2-Trichloroethane
Concen: 26.419 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW030109.D
Acq: 29 Aug 2024 18:56

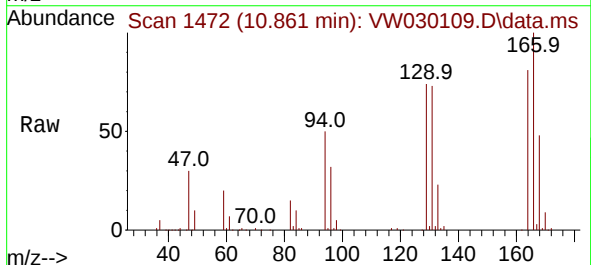
Instrument :
MSVOA_W
ClientSampleId :



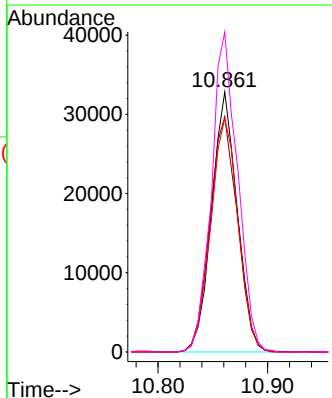
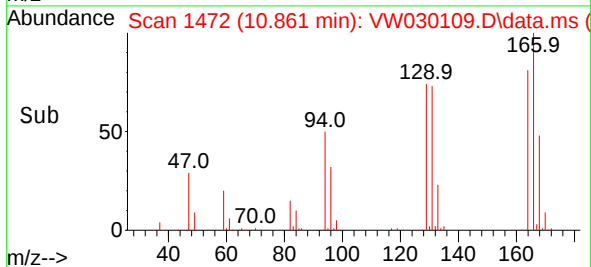
Tgt Ion:	97	Resp:	55703
Ion	Ratio	Lower	Upper
97	100		
99	60.7	40.3	74.8
83	84.6	58.0	107.6
85	53.1	38.3	71.1

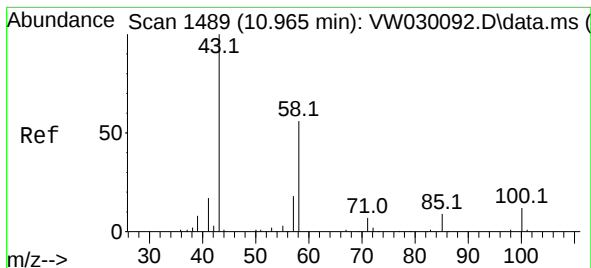


#46
Tetrachloroethene
Concen: 22.998 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW030109.D
Acq: 29 Aug 2024 18:56



Tgt Ion:	164	Resp:	53394
Ion	Ratio	Lower	Upper
164	100		
129	90.5	66.1	122.7
131	89.9	62.6	116.2
166	123.1	81.2	150.8





#48

2-Hexanone

Concen: 77.063 ug/L

RT: 10.964 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 78447

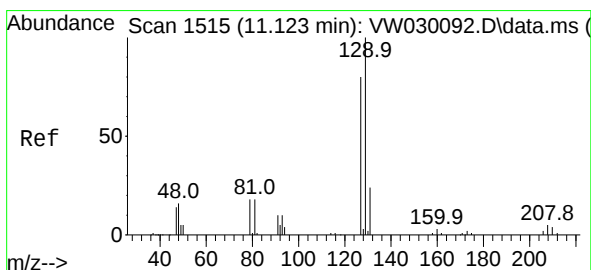
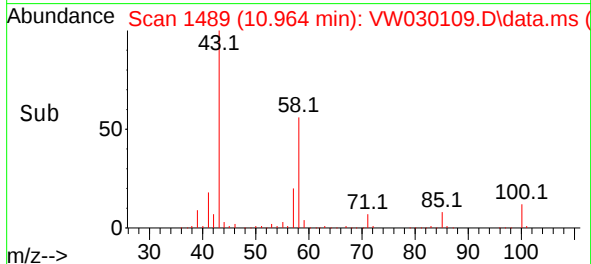
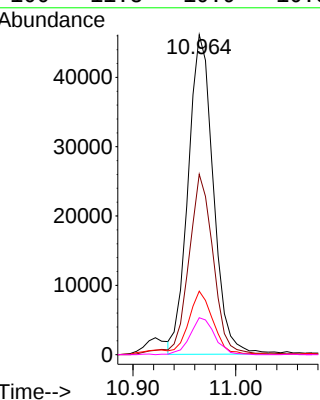
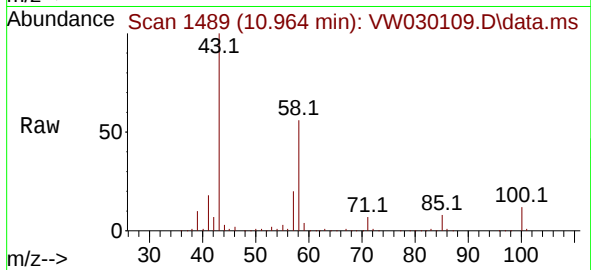
Ion Ratio Lower Upper

43 100

58 53.0 50.0 75.0

57 19.3 17.3 25.9

100 11.3 10.9 16.3



#49

Dibromochloromethane

Concen: 26.289 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW030109.D

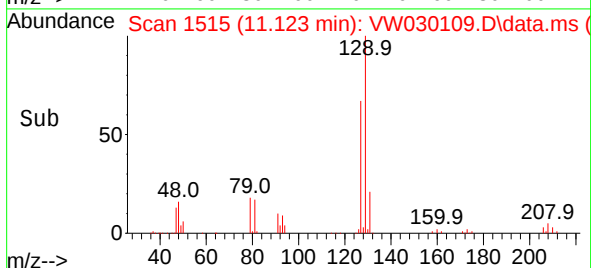
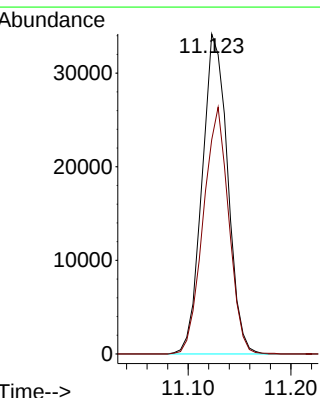
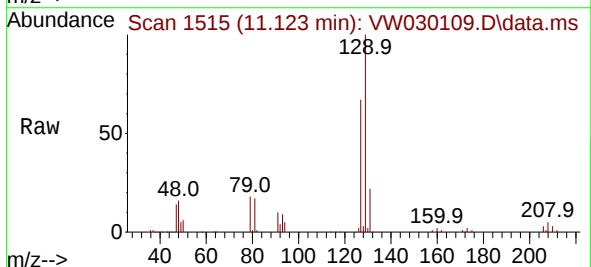
Acq: 29 Aug 2024 18:56

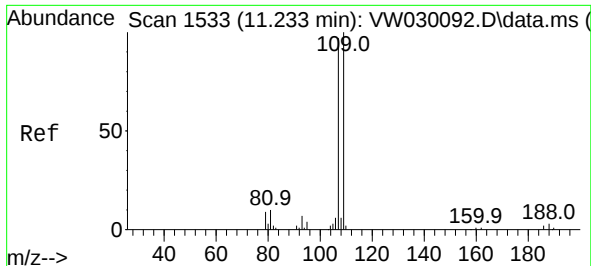
Tgt Ion:129 Resp: 58895

Ion Ratio Lower Upper

129 100

127 66.9 51.8 96.2





#50

1,2-Dibromoethane

Concen: 27.033 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

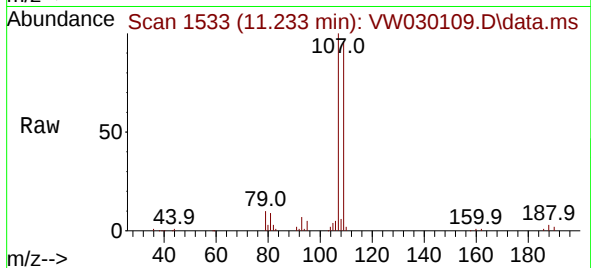
Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

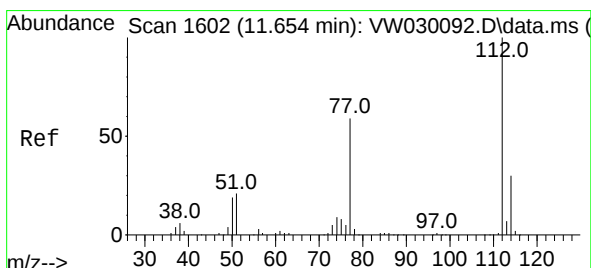
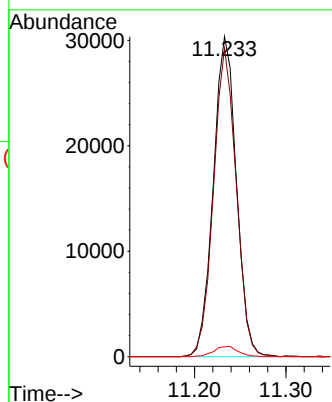
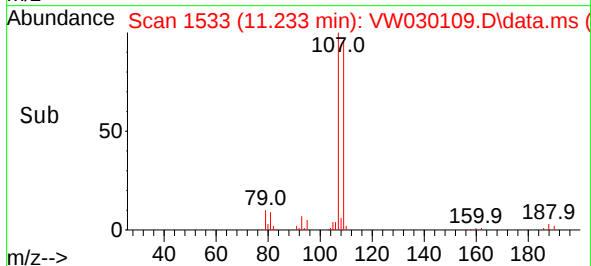
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	53241
Ion Ratio	Lower	Upper	
107	100		
109	96.4	61.7	114.5
188	3.1	3.1	4.7#



#51

Chlorobenzene

Concen: 23.314 ug/L

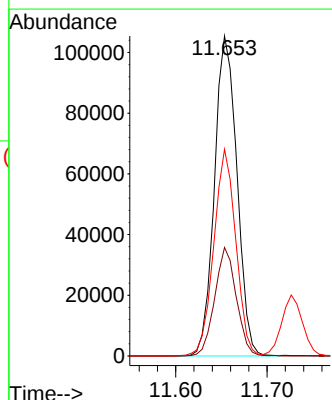
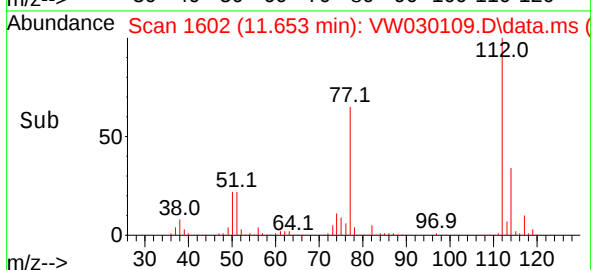
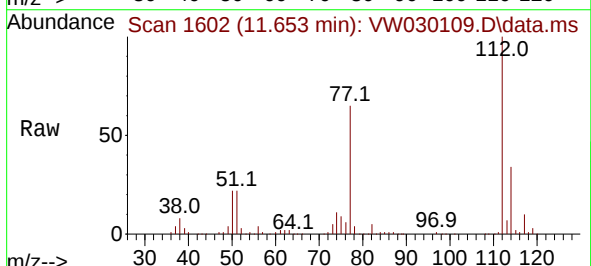
RT: 11.653 min Scan# 1602

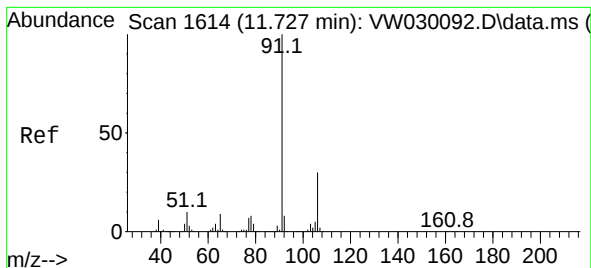
Delta R.T. -0.000 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

Tgt Ion:	112	Resp:	180334
Ion Ratio	Lower	Upper	
112	100		
114	33.9	20.9	38.9
77	64.6	47.1	70.7





#52

Ethylbenzene

Concen: 24.815 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

Instrument :

MSVOA_W

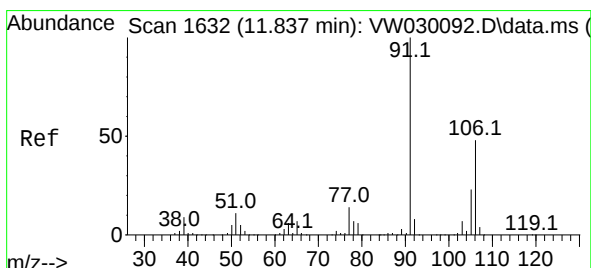
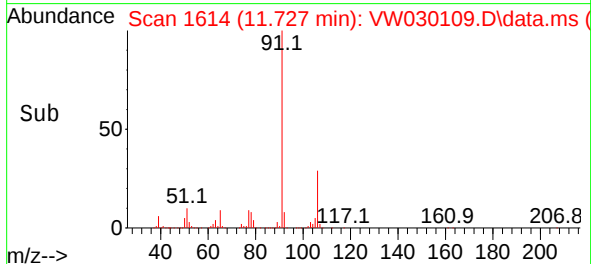
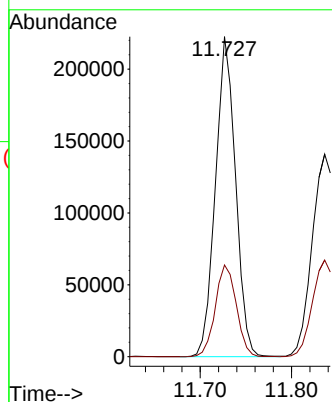
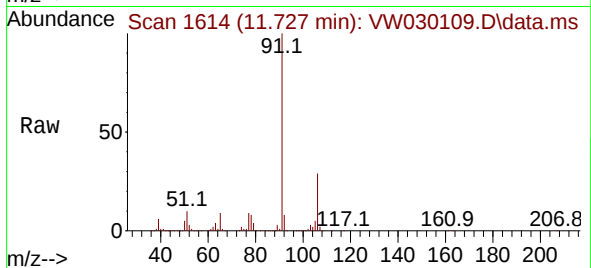
ClientSampleId :

Tgt Ion: 91 Resp: 340145

Ion Ratio Lower Upper

91 100

106 28.6 22.0 41.0



#53

m,p-Xylene

Concen: 24.387 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030109.D

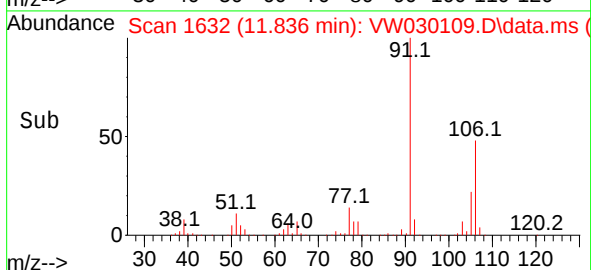
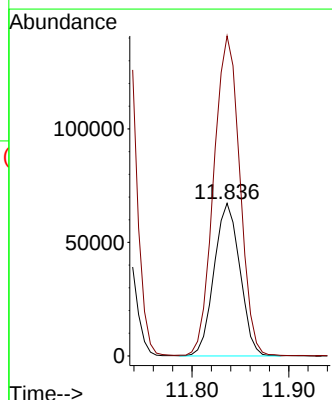
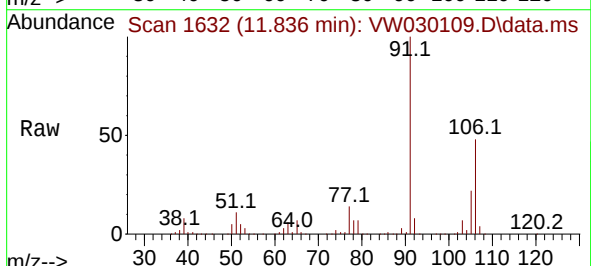
Acq: 29 Aug 2024 18:56

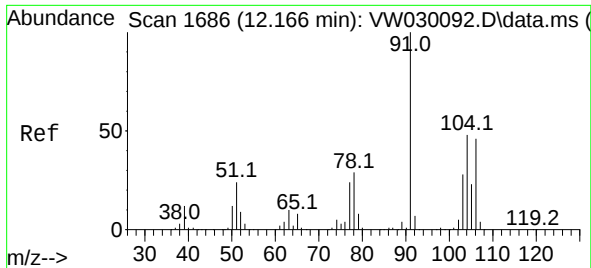
Tgt Ion:106 Resp: 124749

Ion Ratio Lower Upper

106 100

91 209.7 146.7 272.4

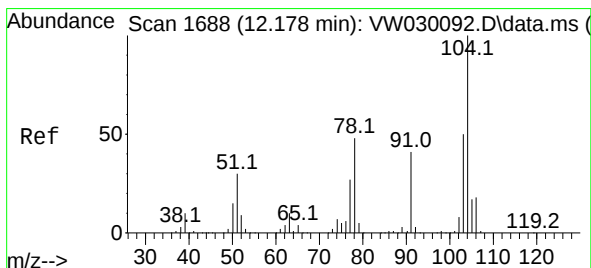
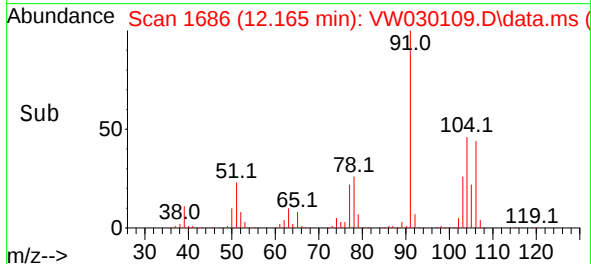
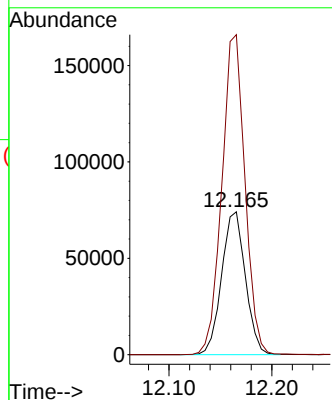
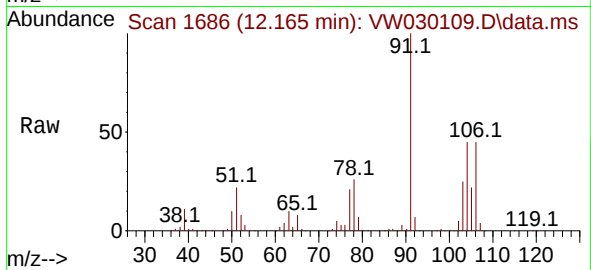




#54
o-Xylene
Concen: 24.222 ug/L
RT: 12.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW030109.D
Acq: 29 Aug 2024 18:56

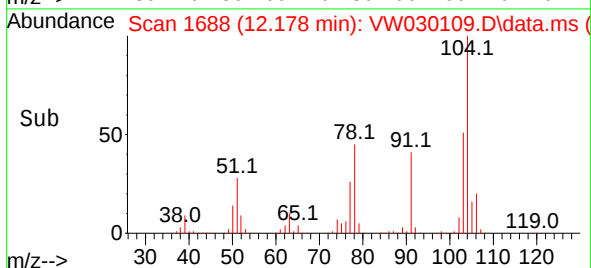
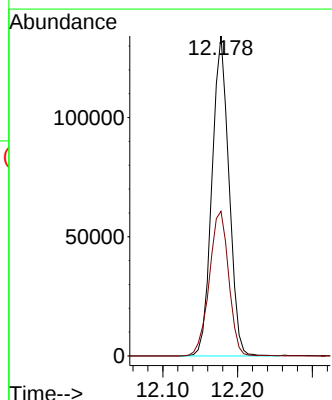
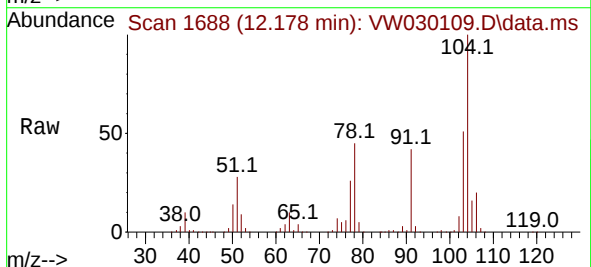
Instrument :
MSVOA_W
ClientSampleId :

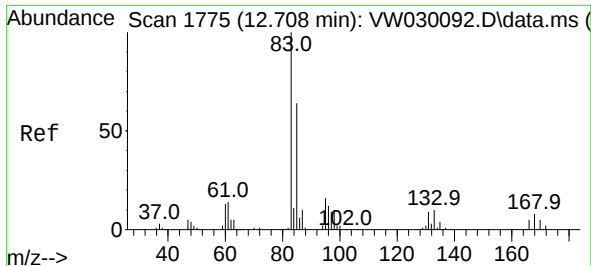
Tgt Ion:106 Resp: 118923
Ion Ratio Lower Upper
106 100
91 223.9 153.9 285.7



#55
Styrene
Concen: 25.760 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030109.D
Acq: 29 Aug 2024 18:56

Tgt Ion:104 Resp: 211906
Ion Ratio Lower Upper
104 100
78 45.2 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 30.809 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030109.D

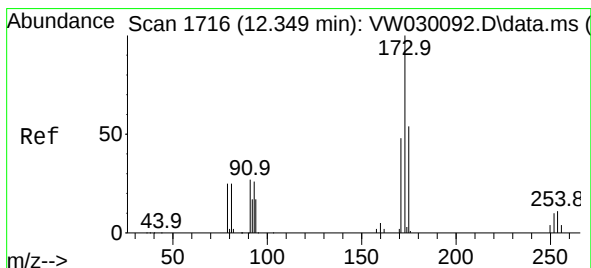
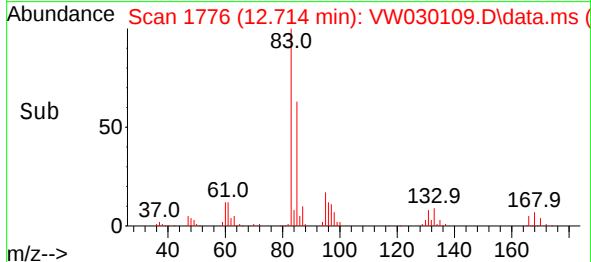
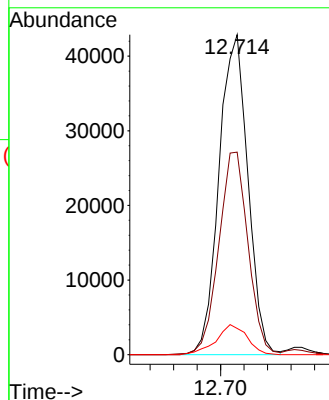
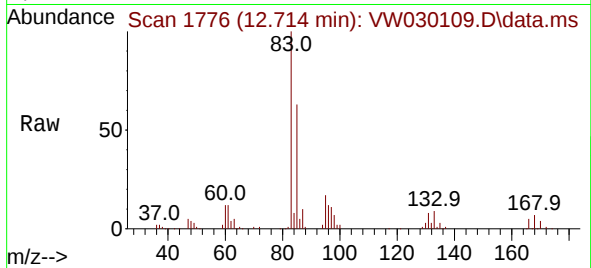
Acq: 29 Aug 2024 18:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp:	73150
Ion Ratio	Lower	Upper
83	100	
85	63.3	44.0 81.8
131	8.2	7.3 10.9



#59

Bromoform

Concen: 26.660 ug/L

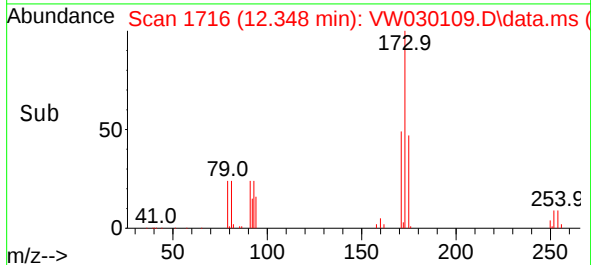
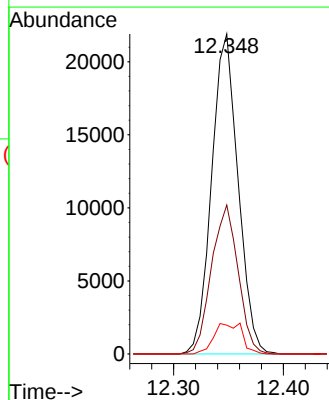
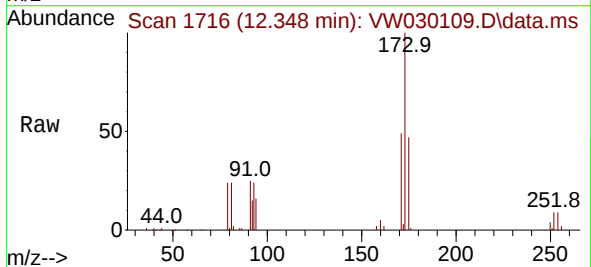
RT: 12.348 min Scan# 1716

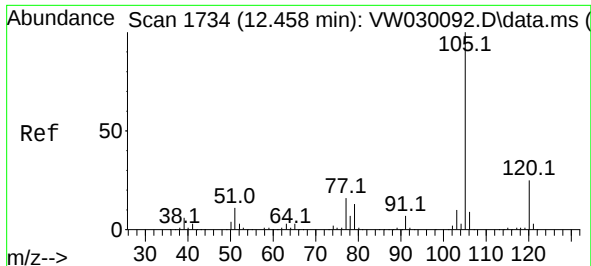
Delta R.T. -0.000 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

Tgt Ion: 173	Resp:	36683
Ion Ratio	Lower	Upper
173	100	
175	46.8	41.4 62.2
254	7.4	8.6 13.0#





#60

Isopropylbenzene

Concen: 22.538 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

Instrument :

MSVOA_W

ClientSampleId :

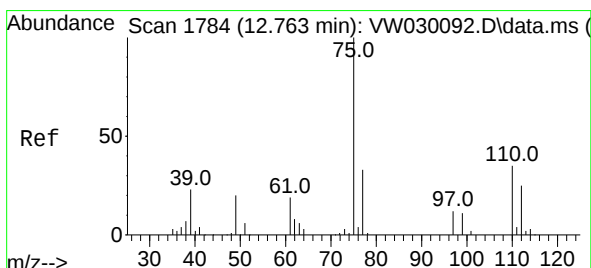
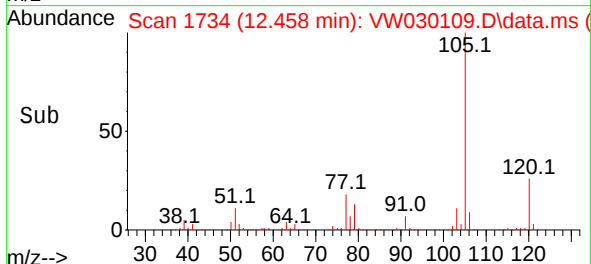
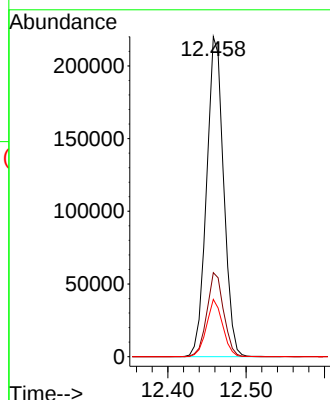
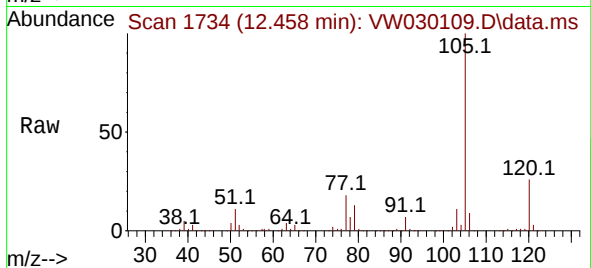
Tgt Ion:105 Resp: 332237

Ion Ratio Lower Upper

105 100

120 25.7 20.6 30.8

77 17.0 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 28.655 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

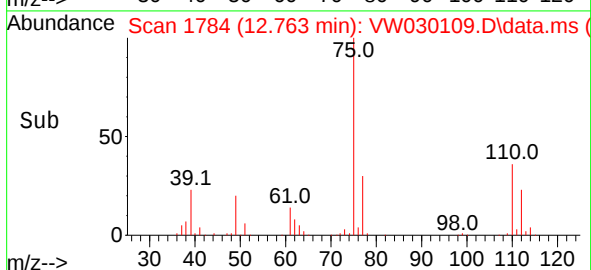
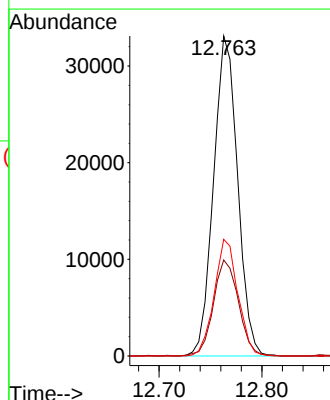
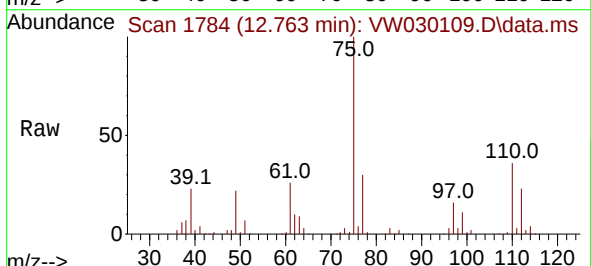
Tgt Ion: 75 Resp: 53834

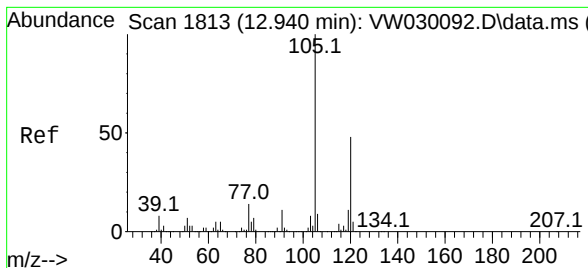
Ion Ratio Lower Upper

75 100

77 31.3 26.0 39.0

110 35.8 31.0 46.4

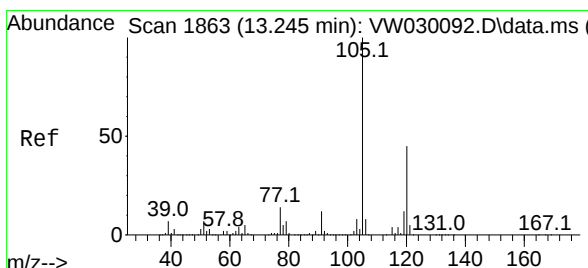
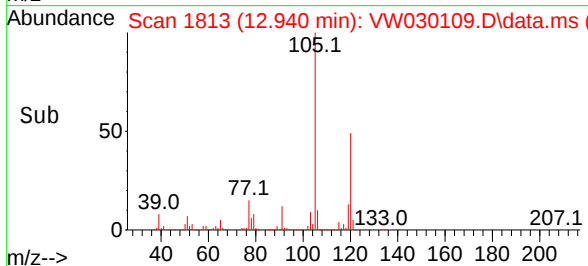
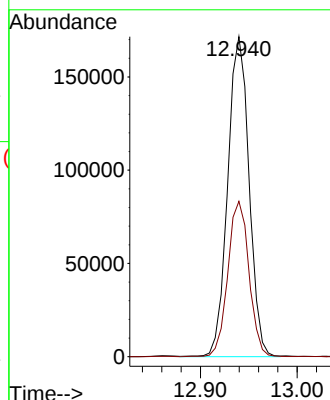
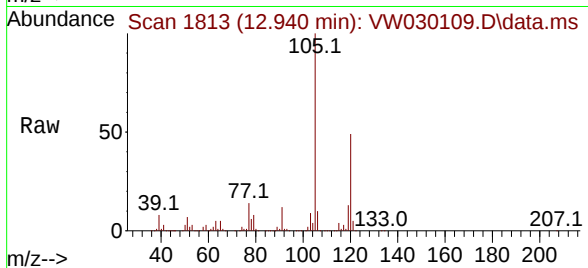




#62
1,3,5-Trimethylbenzene
Concen: 24.017 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030109.D
Acq: 29 Aug 2024 18:56

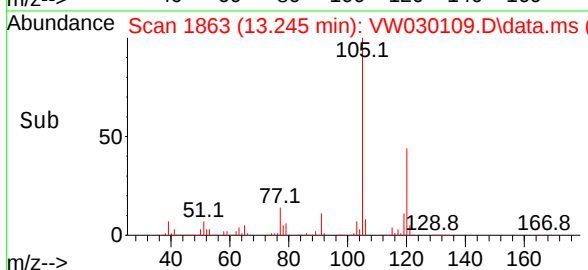
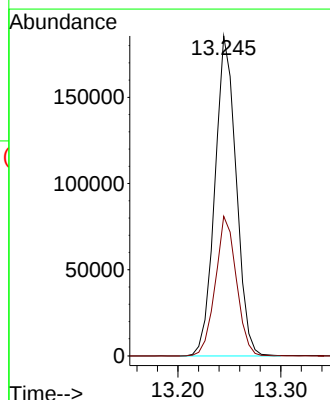
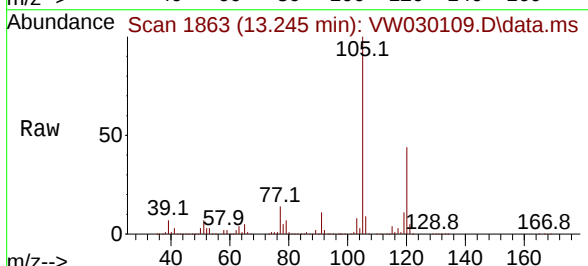
Instrument :
MSVOA_W
ClientSampleId :

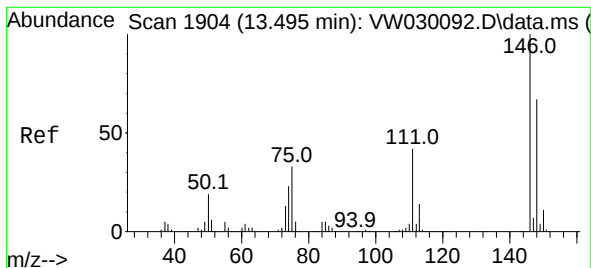
Tgt Ion:105 Resp: 263245
Ion Ratio Lower Upper
105 100
120 48.1 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 23.072 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030109.D
Acq: 29 Aug 2024 18:56

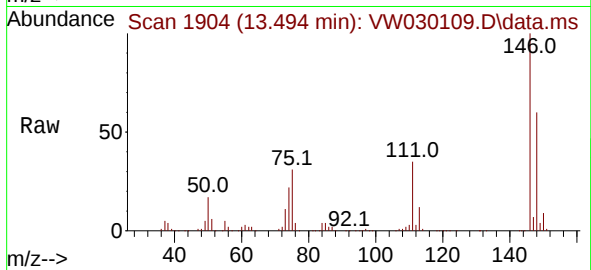
Tgt Ion:105 Resp: 266549
Ion Ratio Lower Upper
105 100
120 43.1 36.3 54.5



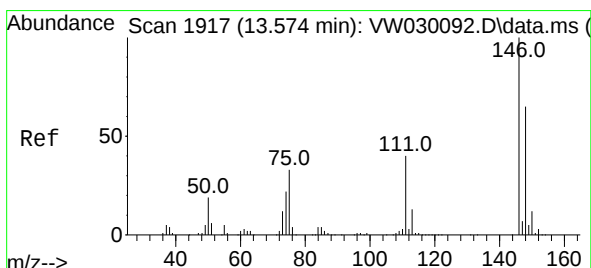
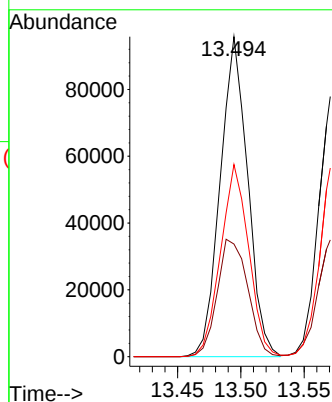
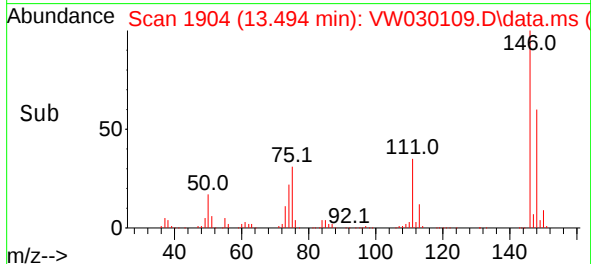


#64
1,3-Dichlorobenzene
Concen: 23.027 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030109.D
Acq: 29 Aug 2024 18:56

Instrument :
MSVOA_W
ClientSampleId :

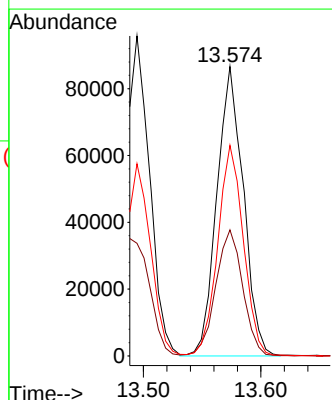
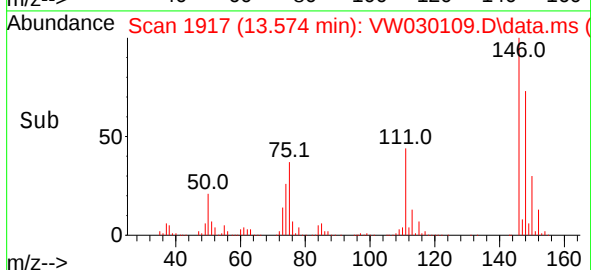
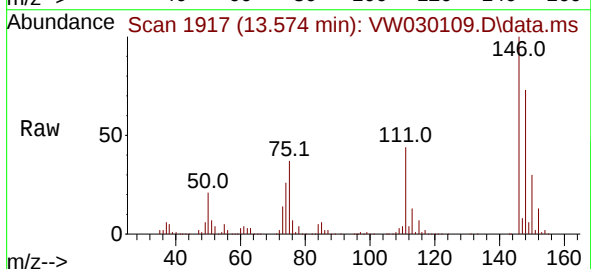


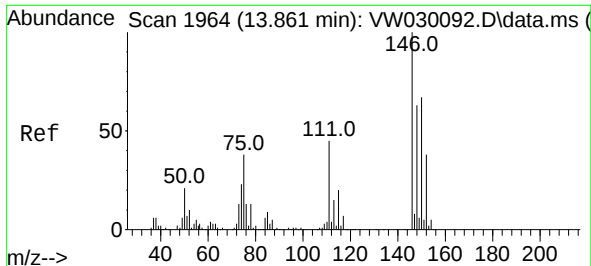
Tgt Ion:146 Resp: 144705
Ion Ratio Lower Upper
146 100
111 35.2 29.1 54.1
148 60.0 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 21.364 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030109.D
Acq: 29 Aug 2024 18:56

Tgt Ion:146 Resp: 135629
Ion Ratio Lower Upper
146 100
111 43.6 28.2 52.4
148 72.7 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 22.868 ug/L

RT: 13.866 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

Instrument :

MSVOA_W

ClientSampleId :

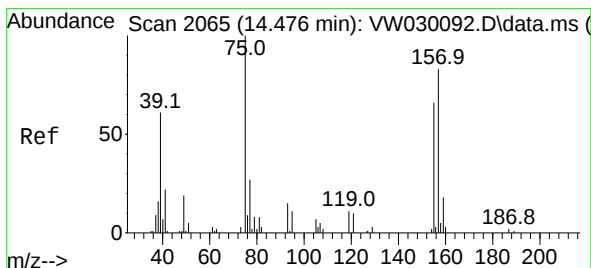
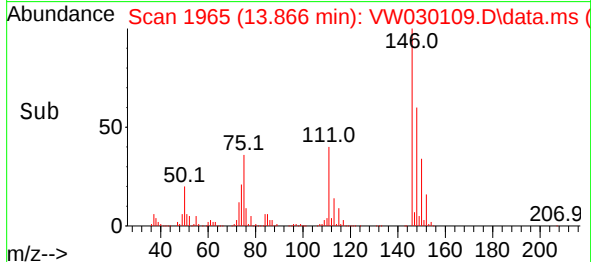
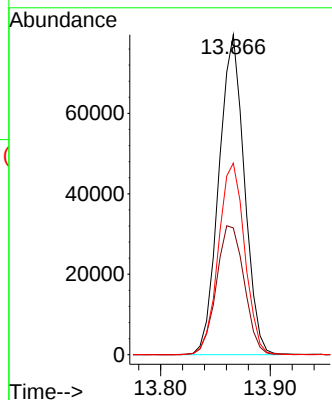
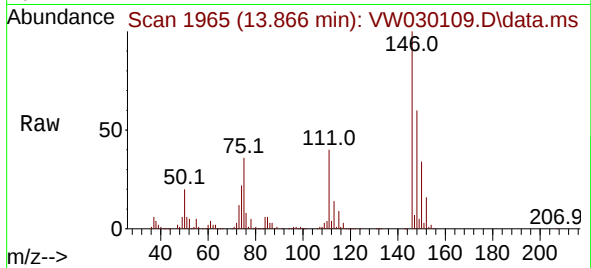
Tgt Ion:146 Resp: 128557

Ion Ratio Lower Upper

146 100

111 39.6 34.7 52.1

148 59.9 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 30.421 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

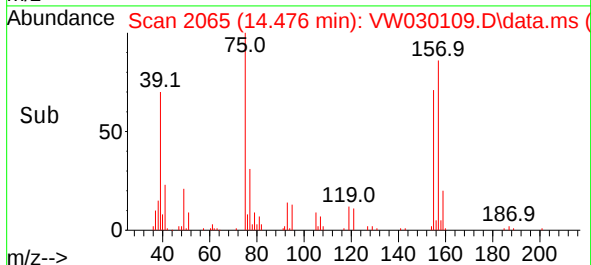
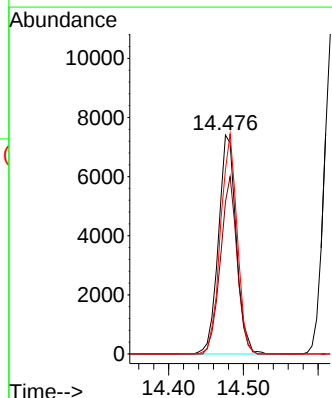
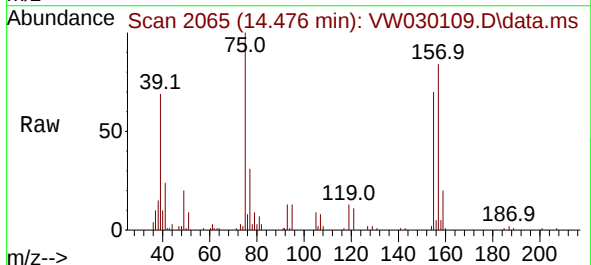
Tgt Ion: 75 Resp: 12234

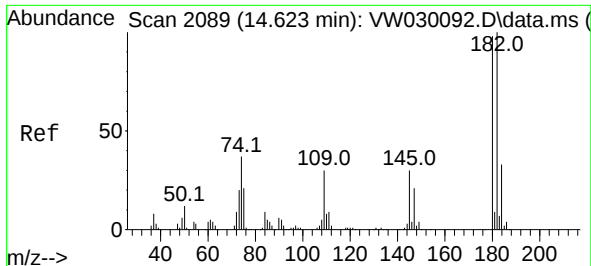
Ion Ratio Lower Upper

75 100

155 69.5 62.8 94.2

157 84.3 84.3 126.5#





#69

1,3,5-Trichlorobenzene

Concen: 23.534 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

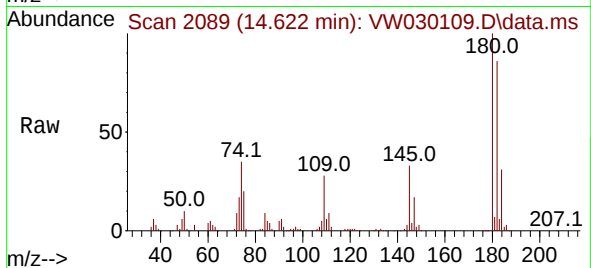
Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 96555

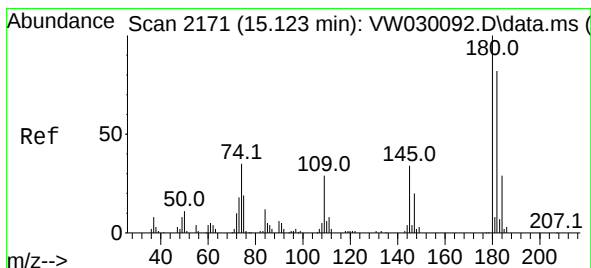
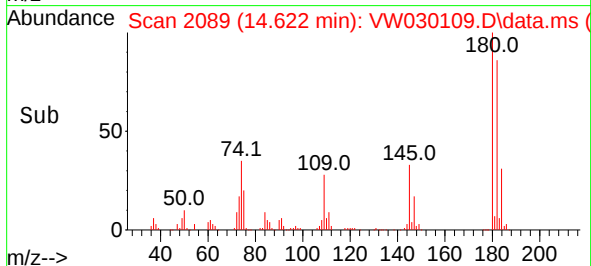
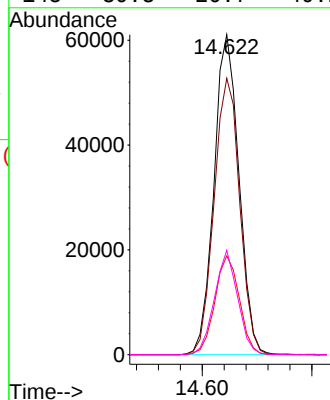
Ion Ratio Lower Upper

180 100

182 88.7 79.7 119.5

184 30.3 25.1 37.7

145 30.3 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 21.226 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030109.D

Acq: 29 Aug 2024 18:56

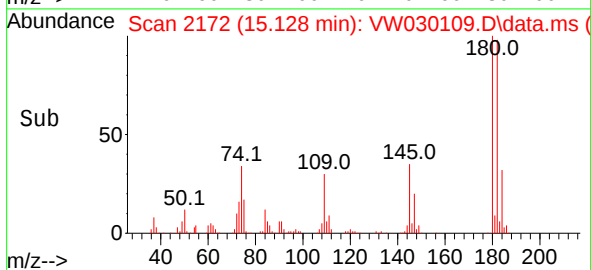
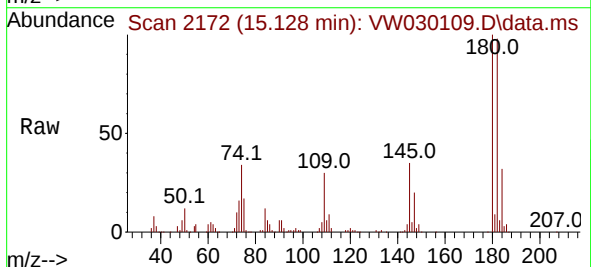
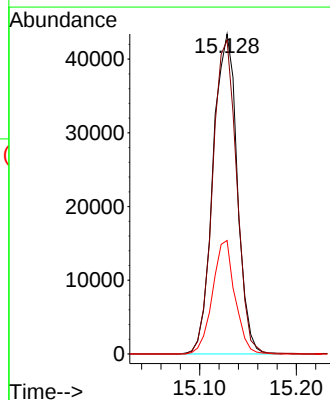
Tgt Ion:180 Resp: 75376

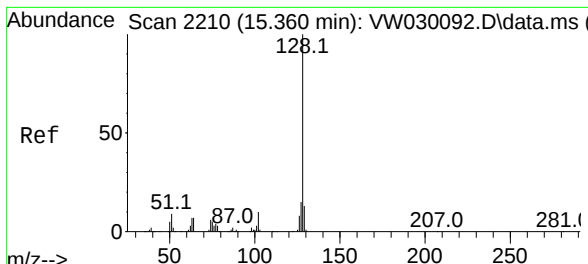
Ion Ratio Lower Upper

180 100

182 97.4 75.3 112.9

145 32.9 24.7 37.1



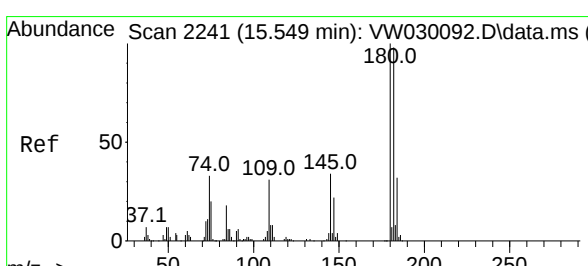
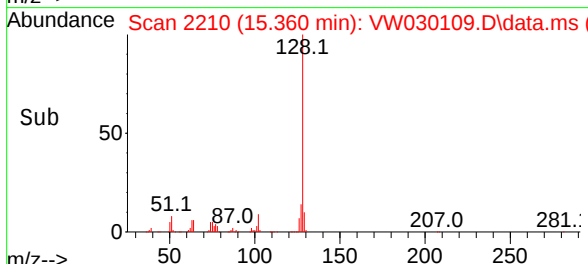
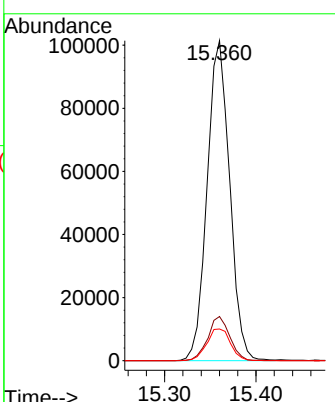
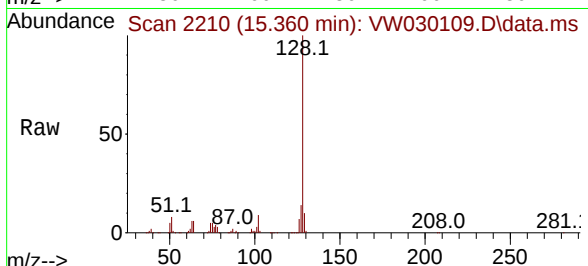


#71
Naphthalene
Concen: 25.608 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW030109.D
Acq: 29 Aug 2024 18:56

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 173647

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	10.5	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 22.822 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW030109.D
Acq: 29 Aug 2024 18:56

Tgt Ion:180 Resp: 71134

Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.2	115.8
145	35.0	26.5	39.7

