

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
 Data File : VW030124.D
 Acq On : 10 Sep 2024 10:17
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 11 01:32:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 30 23:54:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	234302	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	212982	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	115379	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	77102	22.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.440%
7) Chloroethane-d5	2.905	69	53982	21.814	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.240%
11) 1,1-Dichloroethene-d2	4.015	65	32677	21.936	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.760%
21) 2-Butanone-d5	7.081	46	29241	42.071	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.140%
24) Chloroform-d	7.648	84	159031	25.169	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.680%
26) 1,2-Dichloroethane-d4	8.307	65	77591	24.184	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.720%
32) Benzene-d6	8.276	84	315264	25.077	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.320%
36) 1,2-Dichloropropane-d6	9.276	67	93708	25.442	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.760%
41) Toluene-d8	10.319	98	290404	25.379	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.520%
43) trans-1,3-Dichloroprop...	10.581	79	36618	24.168	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.680%
47) 2-Hexanone-d5	10.922	63	25458	45.161	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	62281	22.966	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	87596	20.990	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	65934	24.467	ug/L	97
3) Chloromethane	2.222	50	62643	19.997	ug/L	99
5) Vinyl chloride	2.375	62	82671	22.327	ug/L	99
6) Bromomethane	2.789	94	48546	21.097	ug/L	97
8) Chloroethane	2.942	64	47962	22.478	ug/L	96
9) Trichlorofluoromethane	3.271	101	64276	20.046	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	72855	23.749	ug/L	94
12) 1,1-Dichloroethene	4.039	96	68233	22.719	ug/L	95
13) Acetone	4.125	43	41272	64.921	ug/L	98
14) Carbon disulfide	4.381	76	218768	23.481	ug/L	97
15) Methyl Acetate	4.673	43	32804	26.466	ug/L	97
16) Methylene chloride	4.917	84	83907	21.678	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	82642	24.881	ug/L	99
18) Methyl tert-butyl Ether	5.435	73	111900	22.030	ug/L	98
19) 1,1-Dichloroethane	6.216	63	173287	28.076	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	91421	24.903	ug/L	94
22) 2-Butanone	7.173	43	55073	60.540	ug/L	96
23) Bromochloromethane	7.514	128	39065	25.089	ug/L	94
25) Chloroform	7.679	83	173905	27.546	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
 Data File : VW030124.D
 Acq On : 10 Sep 2024 10:17
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 11 01:32:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 30 23:54:36 2024
 Response via : Initial Calibration

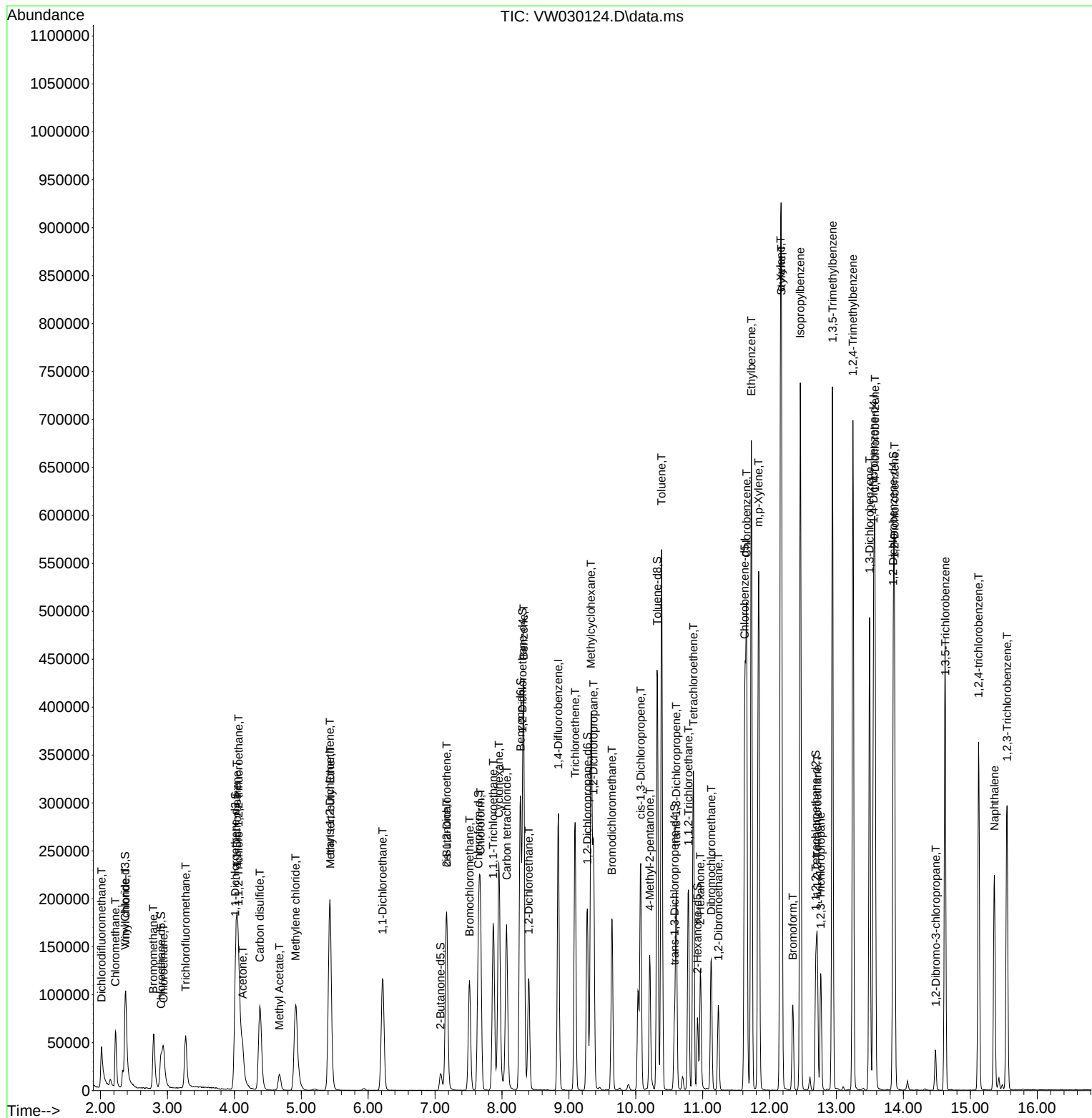
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	106695	26.402	ug/L	99
29) Cyclohexane	7.953	56	136600	26.562	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	144372	28.941	ug/L	98
31) Carbon tetrachloride	8.069	117	131933	29.438	ug/L	98
33) Benzene	8.325	78	374089	27.414	ug/L	100
34) Trichloroethene	9.093	95	98547	26.820	ug/L	94
35) Methylcyclohexane	9.331	83	159369	26.482	ug/L	95
37) 1,2-Dichloropropane	9.367	63	98924	28.628	ug/L	99
38) Bromodichloromethane	9.642	83	121800	27.936	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	143600	27.000	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	92366	53.699	ug/L	96
42) Toluene	10.386	91	406253	27.956	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	119605	27.791	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	66956	26.437	ug/L	97
46) Tetrachloroethene	10.861	164	73699	26.426	ug/L	85
48) 2-Hexanone	10.965	43	78265	64.005	ug/L	92
49) Dibromochloromethane	11.129	129	73374	27.266	ug/L	91
50) 1,2-Dibromoethane	11.233	107	58955	24.920	ug/L	90
51) Chlorobenzene	11.654	112	252133	27.135	ug/L	98
52) Ethylbenzene	11.727	91	461186	28.009	ug/L	99
53) m,p-Xylene	11.837	106	175626	28.581	ug/L	98
54) o-Xylene	12.166	106	160769	27.260	ug/L	95
55) Styrene	12.178	104	286206	28.964	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	75678	26.534	ug/L	98
59) Bromoform	12.349	173	42020	24.456	ug/L	94
60) Isopropylbenzene	12.458	105	467667	25.406	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	53045	22.611	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	373622	27.298	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	373432	25.885	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	192934	24.586	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	194136	24.489	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	165428	23.566	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	11385	22.671	ug/L	97
69) 1,3,5-Trichlorobenzene	14.629	180	136997	26.740	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	107655	24.278	ug/L	93
71) Naphthalene	15.360	128	187518	22.146	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	98989	25.433	ug/L	99

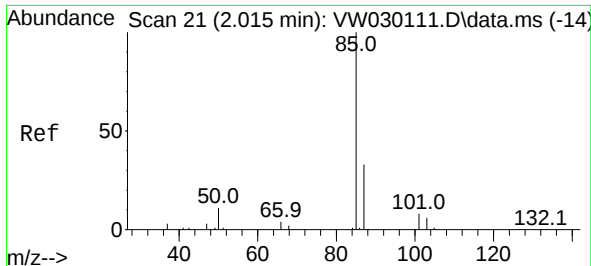
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
Data File : VW030124.D
Acq On : 10 Sep 2024 10:17
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 11 01:32:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 30 23:54:36 2024
Response via : Initial Calibration

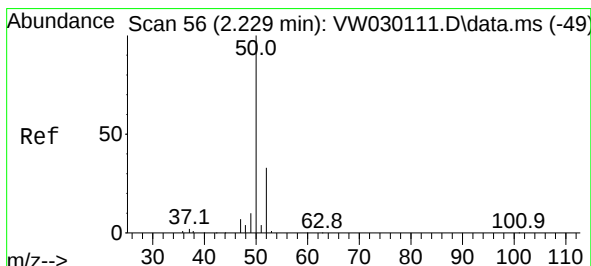
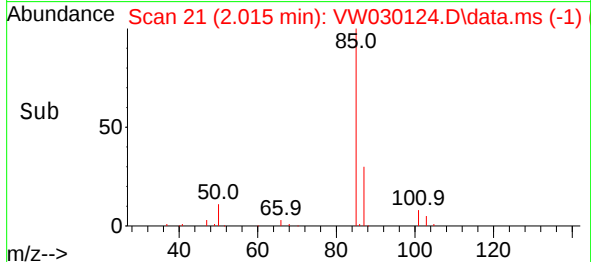
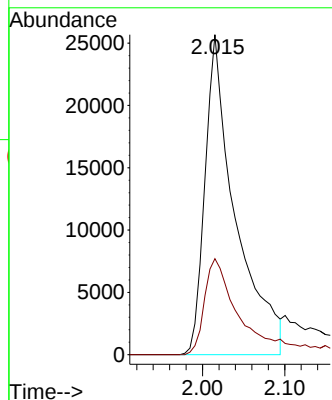
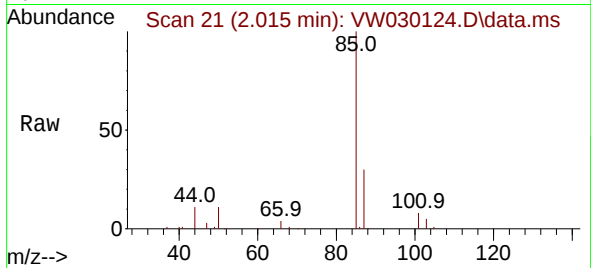




#2
 Dichlorodifluoromethane
 Concen: 24.467 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030124.D
 Acq: 10 Sep 2024 10:17

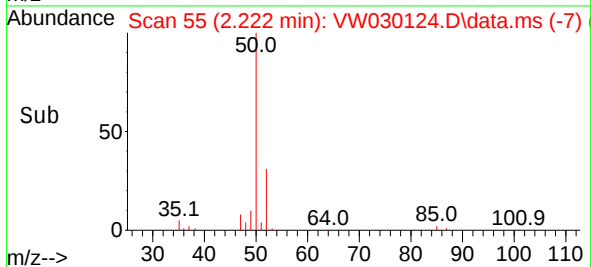
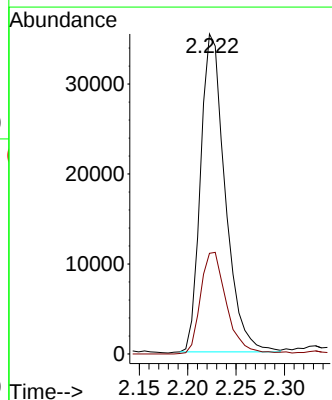
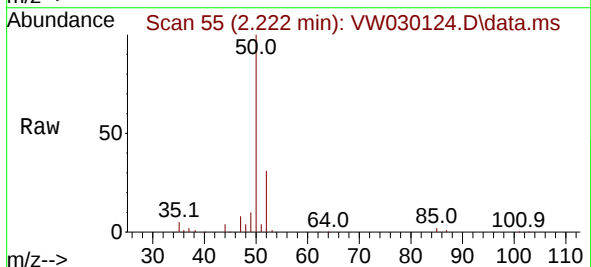
Instrument :
 MSVOA_W
 ClientSampleId :

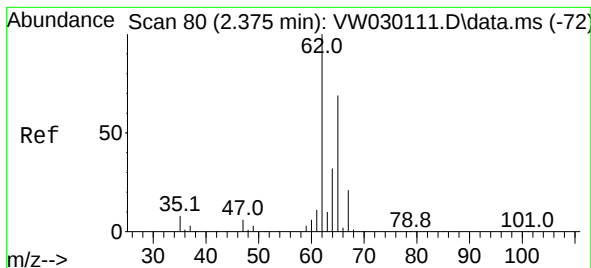
Tgt Ion: 85 Resp: 65934
 Ion Ratio Lower Upper
 85 100
 87 31.8 24.2 36.2



#3
 Chloromethane
 Concen: 19.997 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW030124.D
 Acq: 10 Sep 2024 10:17

Tgt Ion: 50 Resp: 62643
 Ion Ratio Lower Upper
 50 100
 52 31.5 21.6 40.2





#5

Vinyl chloride

Concen: 22.327 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

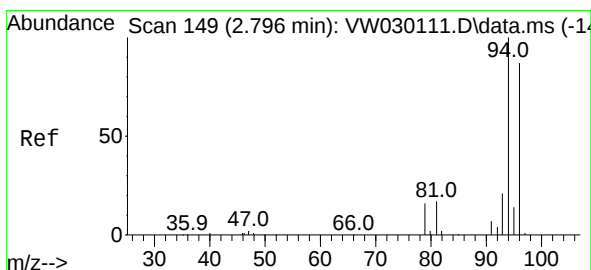
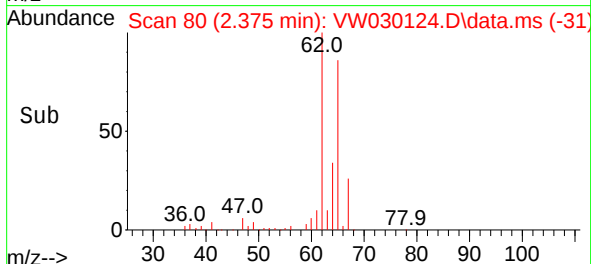
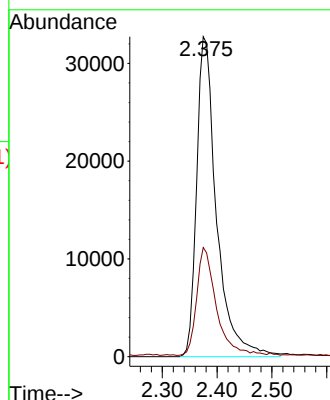
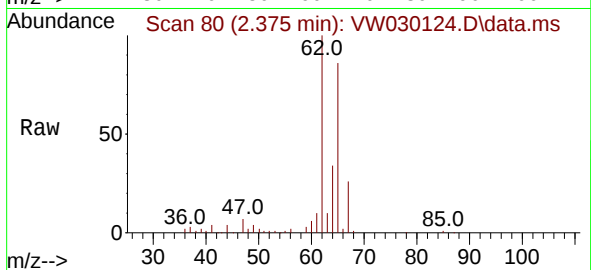
ClientSampleId :

Tgt Ion: 62 Resp: 82671

Ion Ratio Lower Upper

62 100

64 34.1 24.4 45.4



#6

Bromomethane

Concen: 21.097 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW030124.D

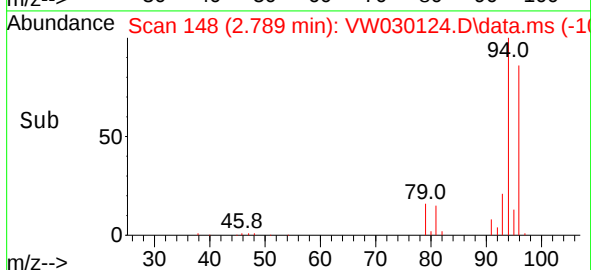
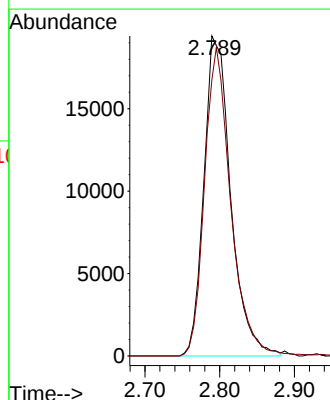
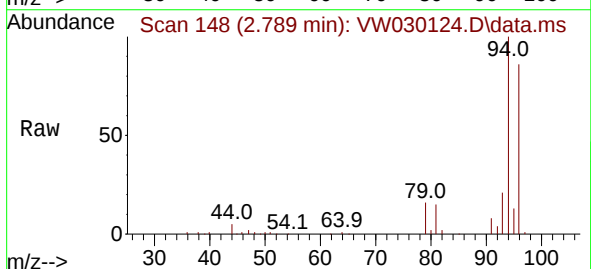
Acq: 10 Sep 2024 10:17

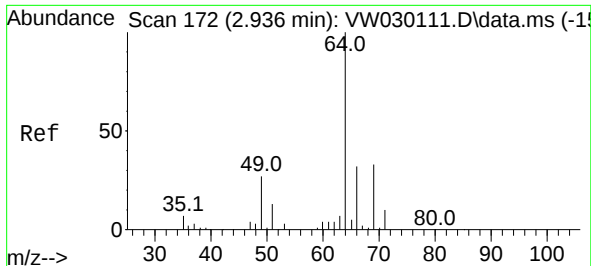
Tgt Ion: 94 Resp: 48546

Ion Ratio Lower Upper

94 100

96 86.3 62.4 115.8





#8

Chloroethane

Concen: 22.478 ug/L

RT: 2.942 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

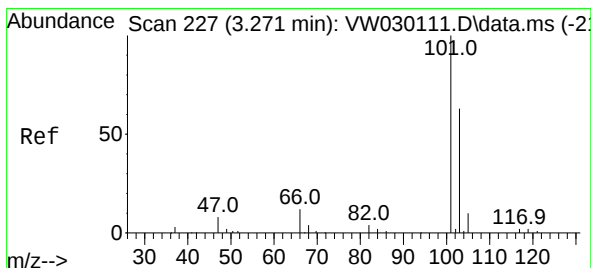
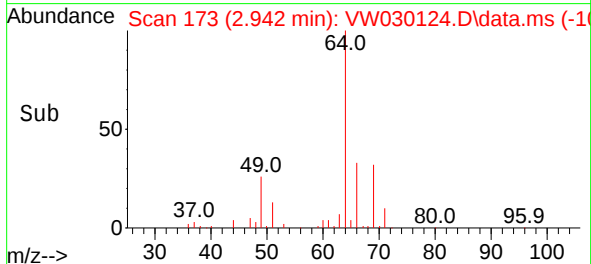
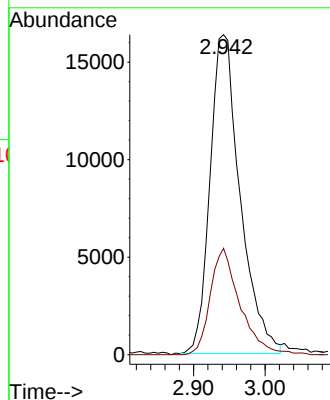
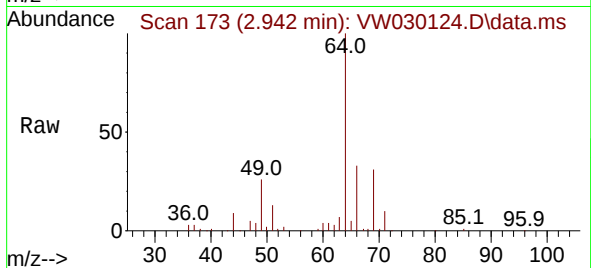
ClientSampleId :

Tgt Ion: 64 Resp: 47962

Ion Ratio Lower Upper

64 100

66 33.2 21.7 40.3



#9

Trichlorofluoromethane

Concen: 20.046 ug/L

RT: 3.271 min Scan# 227

Delta R.T. -0.000 min

Lab File: VW030124.D

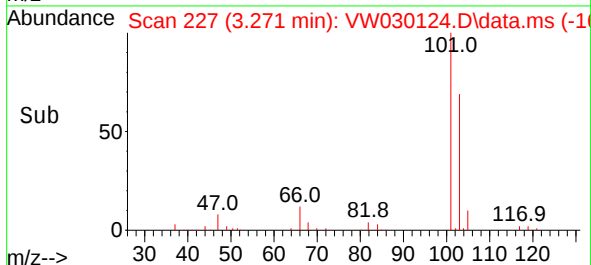
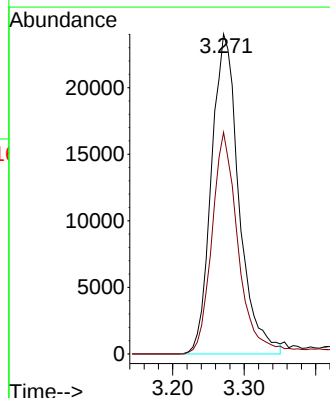
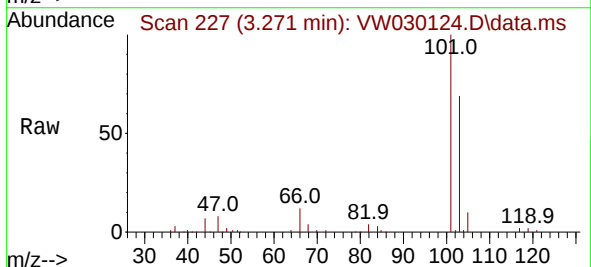
Acq: 10 Sep 2024 10:17

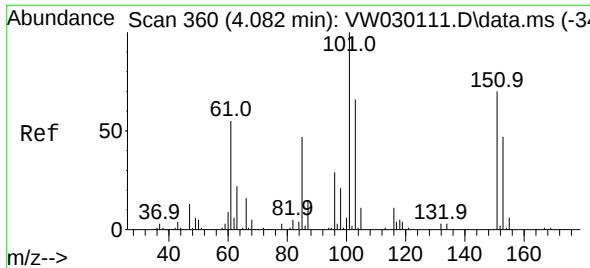
Tgt Ion:101 Resp: 64276

Ion Ratio Lower Upper

101 100

103 66.5 50.7 76.1





#10

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

Concen: 23.749 ug/L

RT: 4.064 min Scan# 3

Delta R.T. -0.018 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

ClientSampleId :

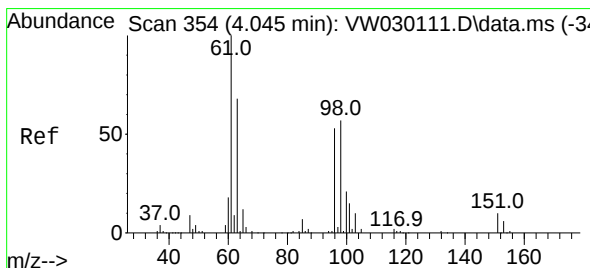
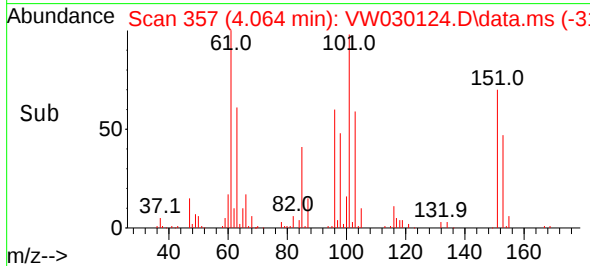
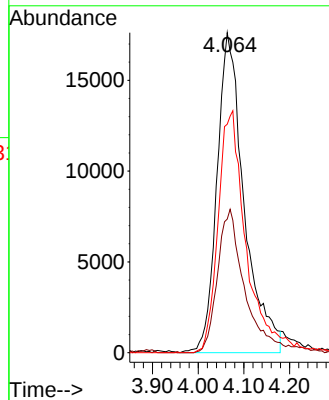
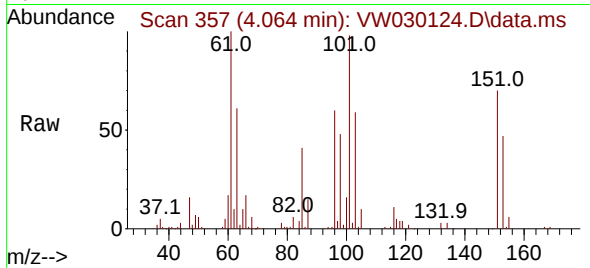
Tgt Ion:101 Resp: 72855

Ion Ratio Lower Upper

101 100

85 44.3 34.7 52.1

151 76.1 54.8 82.2



#12

1,1-Dichloroethene

Concen: 22.719 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

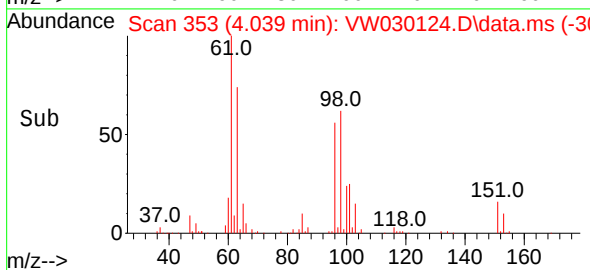
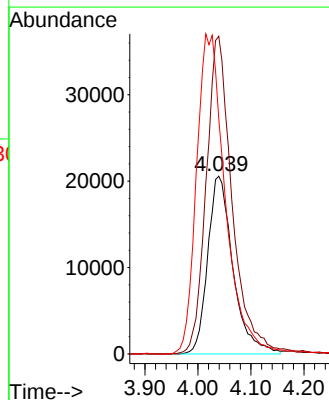
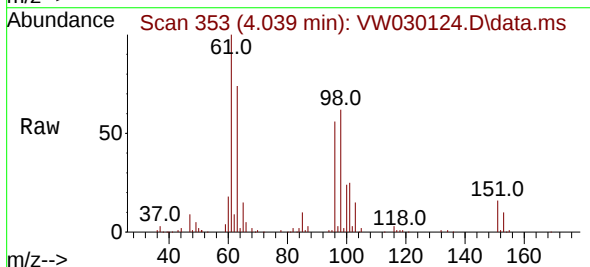
Tgt Ion: 96 Resp: 68233

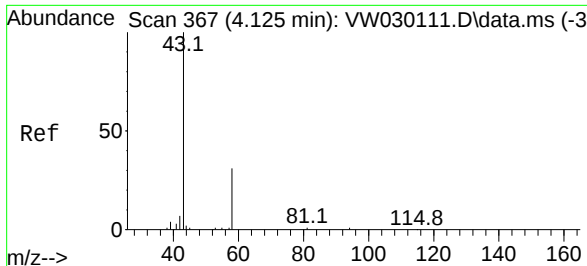
Ion Ratio Lower Upper

96 100

61 178.7 126.0 234.0

63 132.4 101.8 189.2

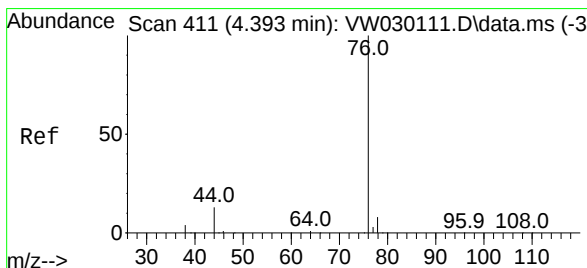
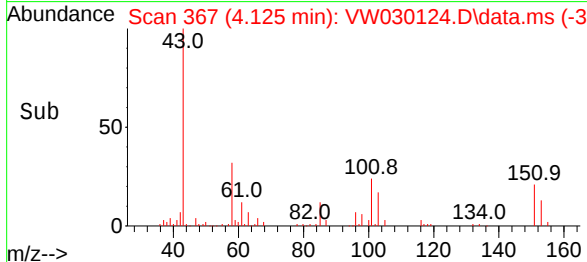
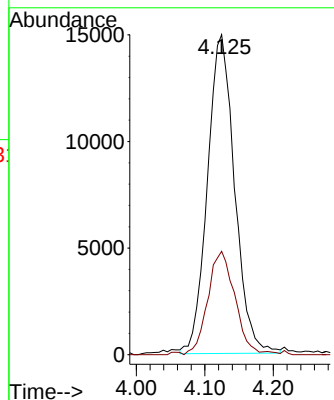
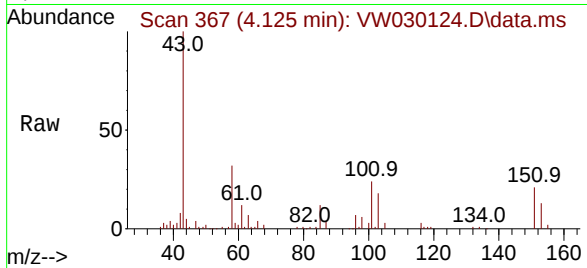




#13
Acetone
Concen: 64.921 ug/L
RT: 4.125 min Scan# 309
Delta R.T. -0.000 min
Lab File: VW030124.D
Acq: 10 Sep 2024 10:17

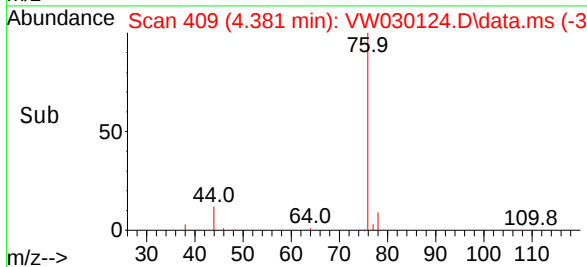
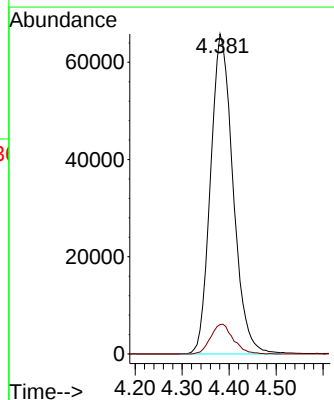
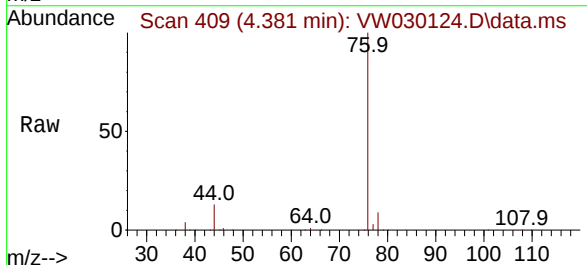
Instrument :
MSVOA_W
ClientSampleId :

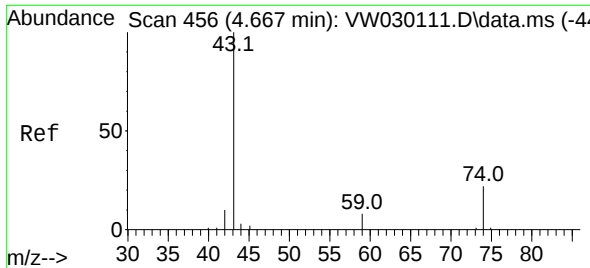
Tgt Ion: 43 Resp: 41272
Ion Ratio Lower Upper
43 100
58 31.9 0.0 66.4



#14
Carbon disulfide
Concen: 23.481 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.012 min
Lab File: VW030124.D
Acq: 10 Sep 2024 10:17

Tgt Ion: 76 Resp: 218768
Ion Ratio Lower Upper
76 100
78 9.2 6.6 9.8

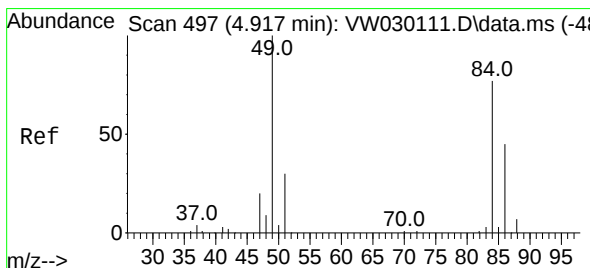
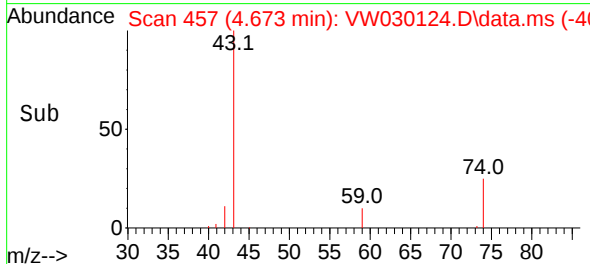
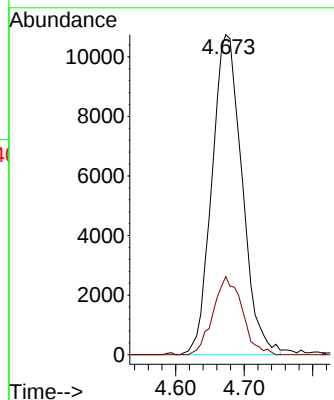
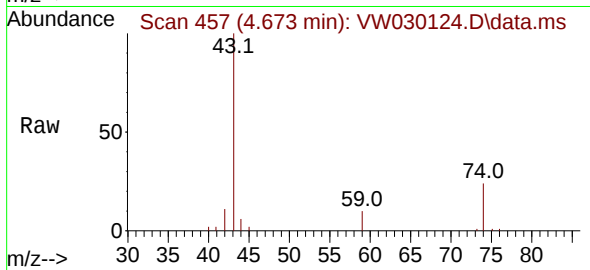




#15
Methyl Acetate
Concen: 26.466 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW030124.D
Acq: 10 Sep 2024 10:17

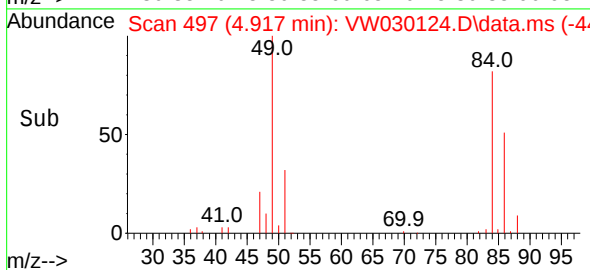
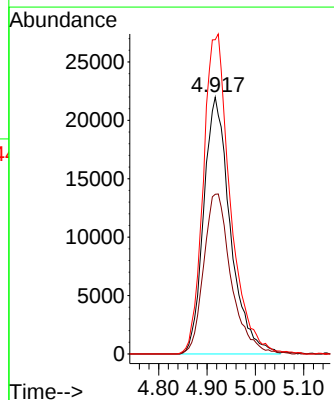
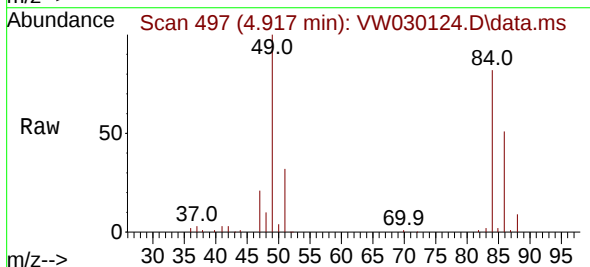
Instrument :
MSVOA_W
ClientSampleId :

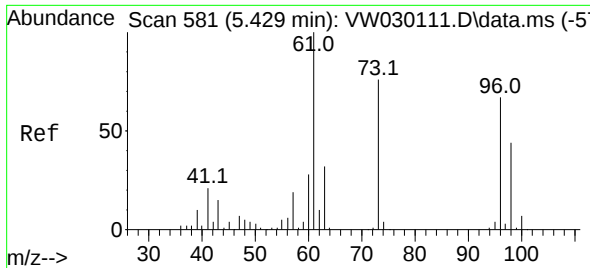
Tgt Ion: 43 Resp: 32804
Ion Ratio Lower Upper
43 100
74 23.5 19.9 29.9



#16
Methylene chloride
Concen: 21.678 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW030124.D
Acq: 10 Sep 2024 10:17

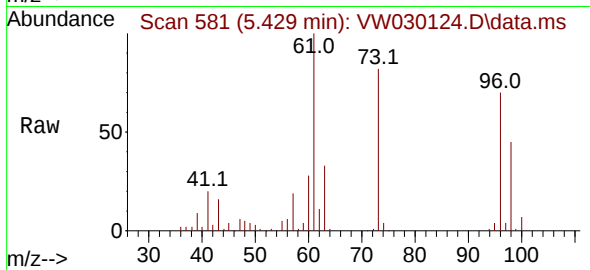
Tgt Ion: 84 Resp: 83907
Ion Ratio Lower Upper
84 100
86 62.2 44.2 82.2
49 122.4 79.9 148.3





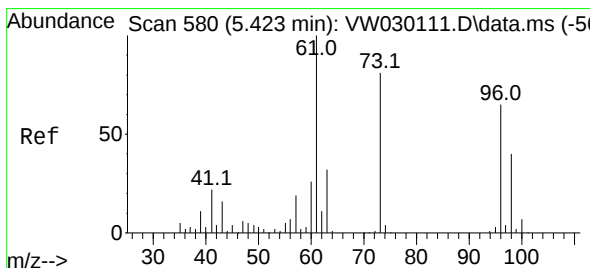
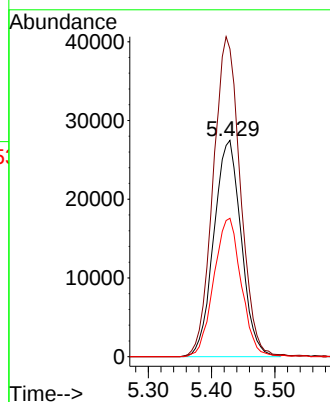
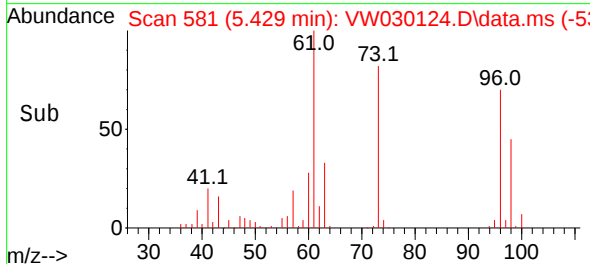
#17
trans-1,2-Dichloroethene
Concen: 24.881 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW030124.D
Acq: 10 Sep 2024 10:17

Instrument :
MSVOA_W
ClientSampleId :

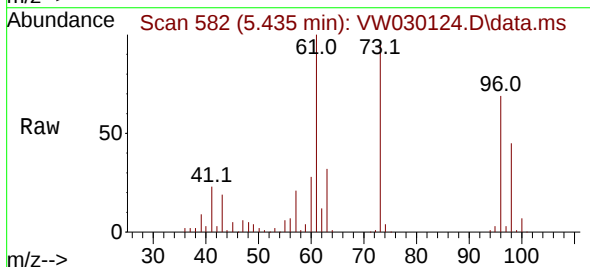


Tgt Ion: 96 Resp: 82642

Ion	Ratio	Lower	Upper
96	100		
61	142.2	98.3	182.7
98	63.9	45.3	84.1

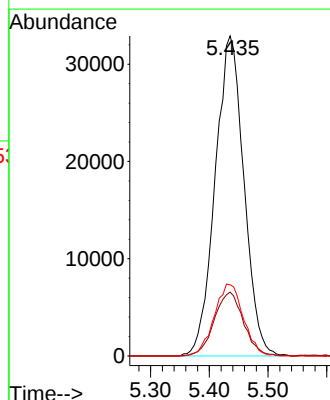
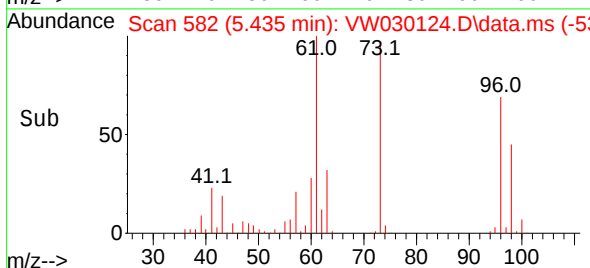


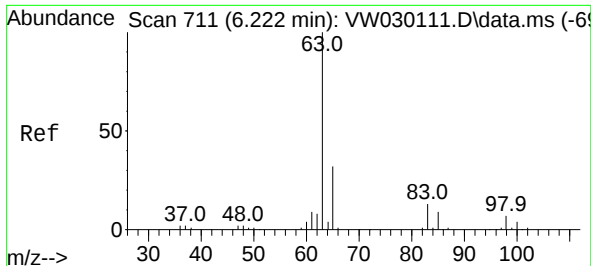
#18
Methyl tert-butyl Ether
Concen: 22.030 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.012 min
Lab File: VW030124.D
Acq: 10 Sep 2024 10:17



Tgt Ion: 73 Resp: 111900

Ion	Ratio	Lower	Upper
73	100		
43	20.3	15.4	23.2
57	22.8	17.4	26.0





#19

1,1-Dichloroethane

Concen: 28.076 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

ClientSampleId :

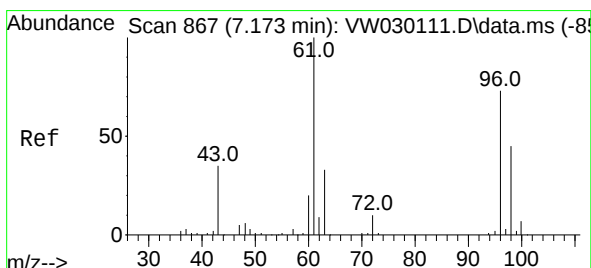
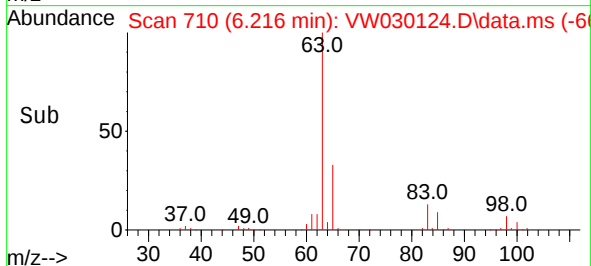
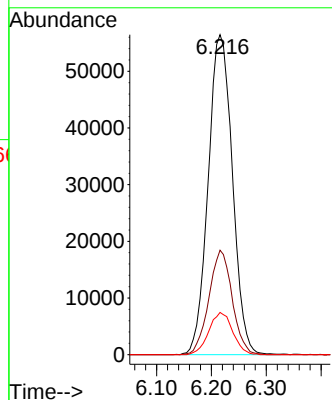
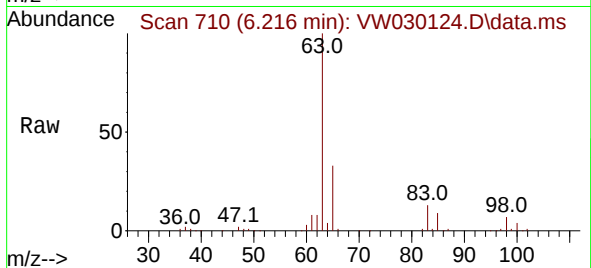
Tgt Ion: 63 Resp: 173287

Ion Ratio Lower Upper

63 100

65 32.7 21.6 40.0

83 13.2 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 24.903 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

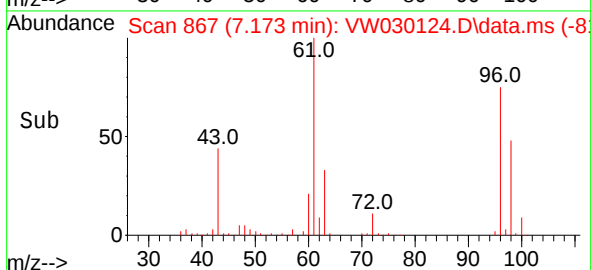
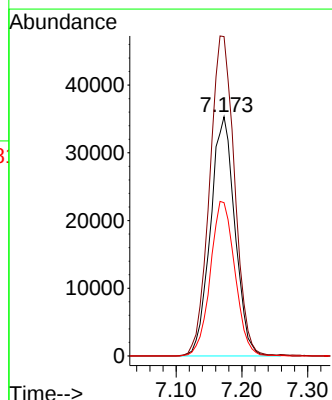
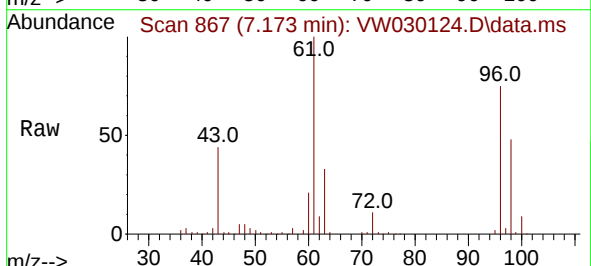
Tgt Ion: 96 Resp: 91421

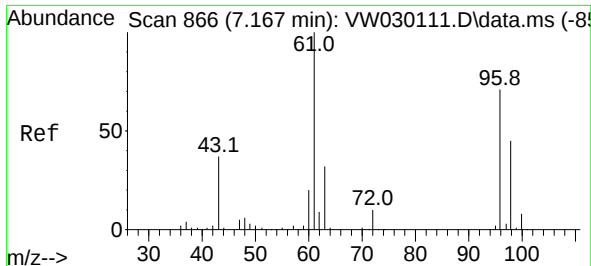
Ion Ratio Lower Upper

96 100

61 133.5 99.6 185.0

98 64.0 46.5 86.5





#22

2-Butanone

Concen: 60.540 ug/L

RT: 7.173 min Scan# 866

Delta R.T. 0.006 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

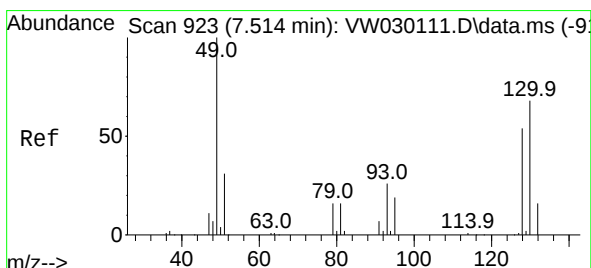
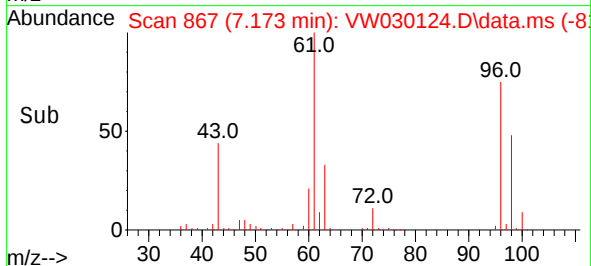
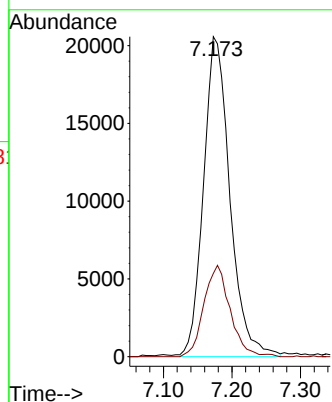
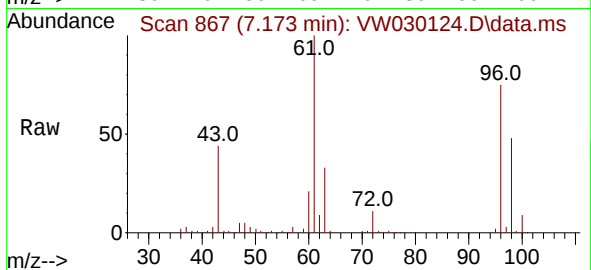
ClientSampleId :

Tgt Ion: 43 Resp: 55073

Ion Ratio Lower Upper

43 100

72 28.1 15.0 45.1



#23

Bromochloromethane

Concen: 25.089 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Tgt Ion: 128 Resp: 39065

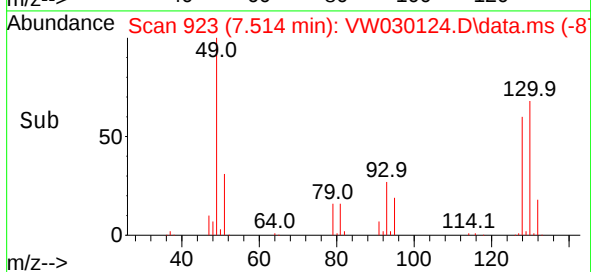
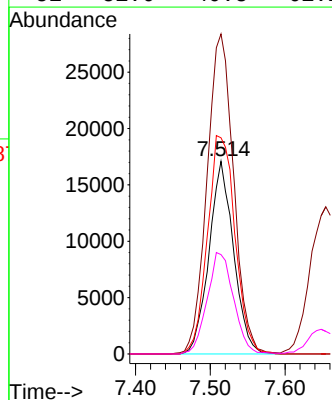
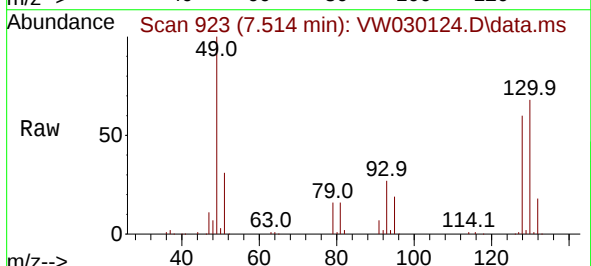
Ion Ratio Lower Upper

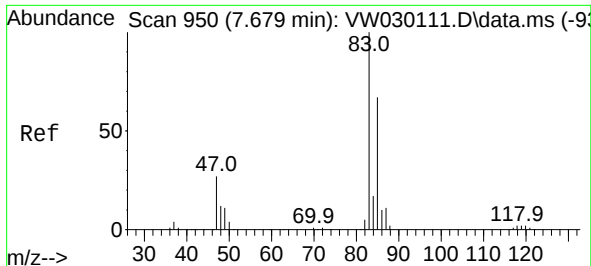
128 100

49 166.1 117.3 217.9

130 112.2 89.3 165.9

51 51.6 40.8 61.2





#25

Chloroform

Concen: 27.546 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

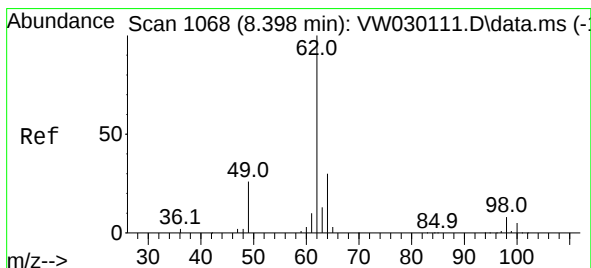
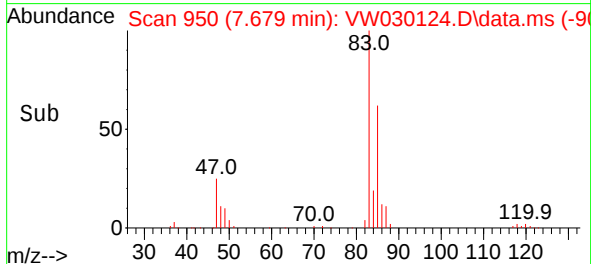
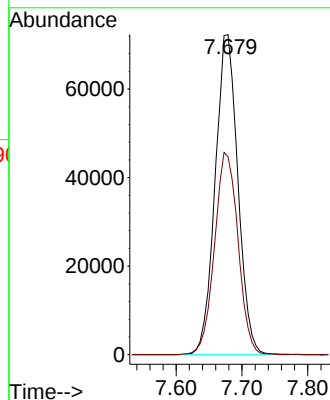
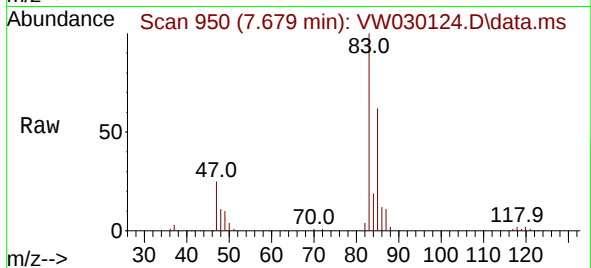
ClientSampleId :

Tgt Ion: 83 Resp: 173905

Ion Ratio Lower Upper

83 100

85 61.8 44.4 82.4



#27

1,2-Dichloroethane

Concen: 26.402 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030124.D

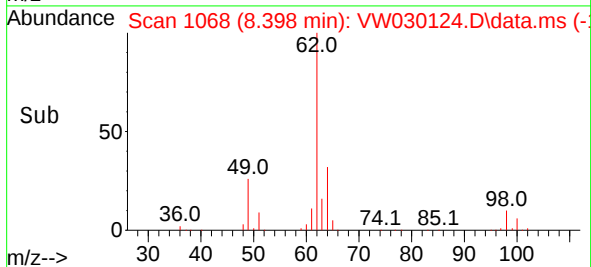
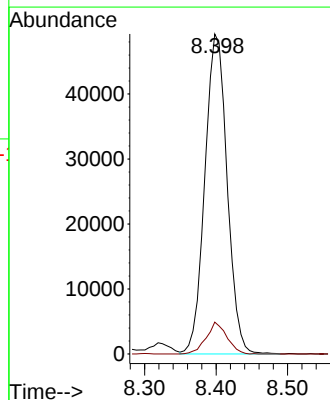
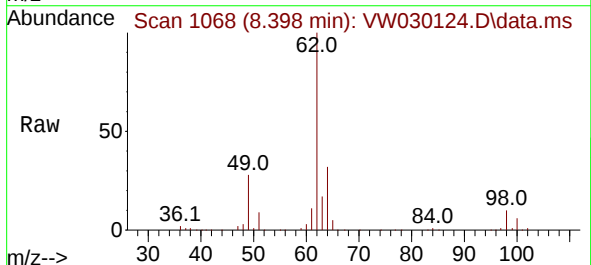
Acq: 10 Sep 2024 10:17

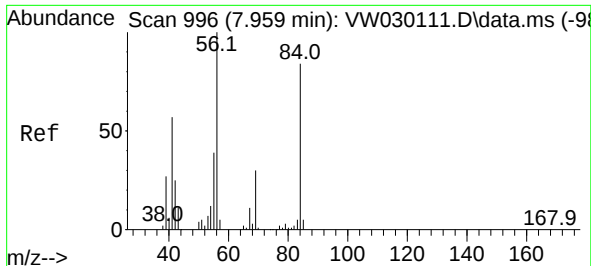
Tgt Ion: 62 Resp: 106695

Ion Ratio Lower Upper

62 100

98 9.9 7.7 11.5





#29

Cyclohexane

Concen: 26.562 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

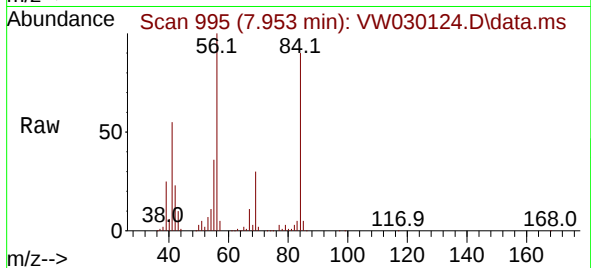
Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

ClientSampleId :



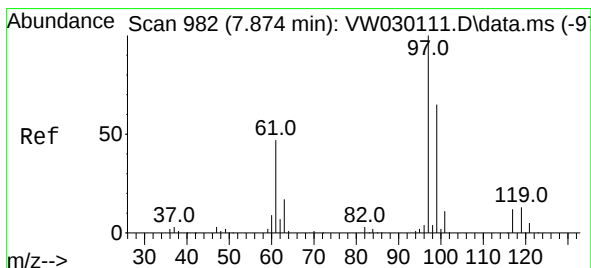
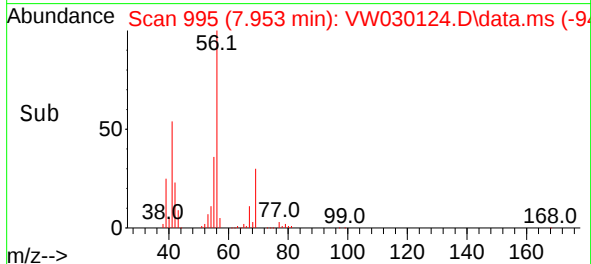
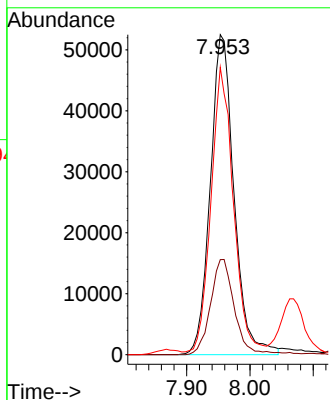
Tgt Ion: 56 Resp: 136600

Ion Ratio Lower Upper

56 100

69 29.7 24.4 36.6

84 85.4 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 28.941 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

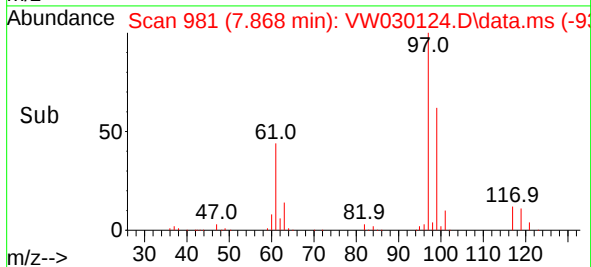
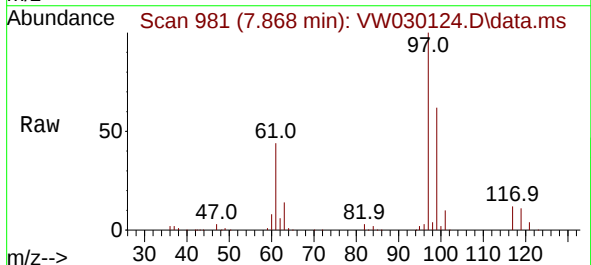
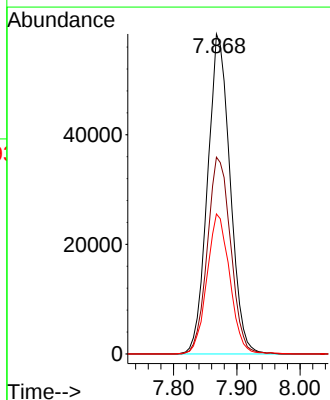
Tgt Ion: 97 Resp: 144372

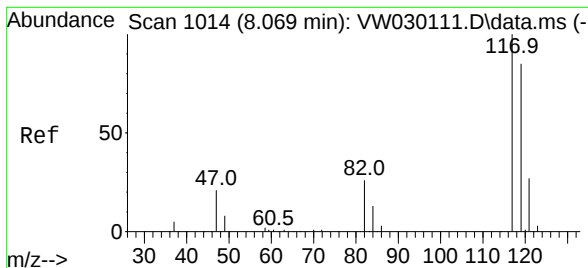
Ion Ratio Lower Upper

97 100

99 63.8 51.7 77.5

61 44.3 37.2 55.8





#31

Carbon tetrachloride

Concen: 29.438 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

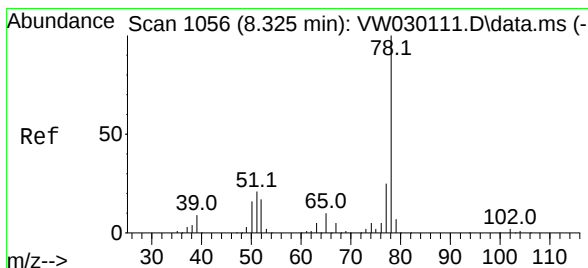
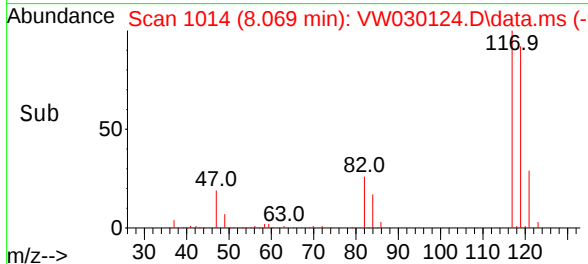
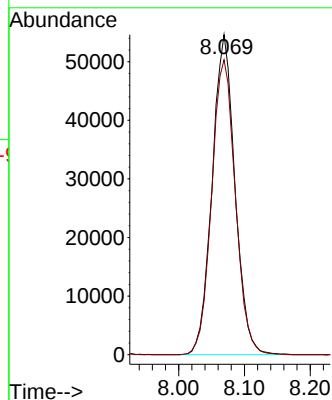
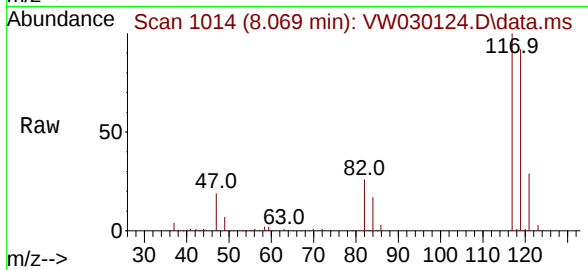
ClientSampleId :

Tgt Ion:117 Resp: 131933

Ion Ratio Lower Upper

117 100

119 95.5 77.7 116.5



#33

Benzene

Concen: 27.414 ug/L

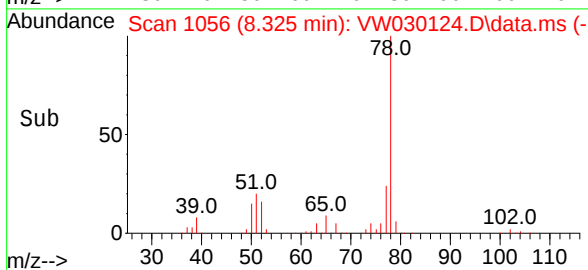
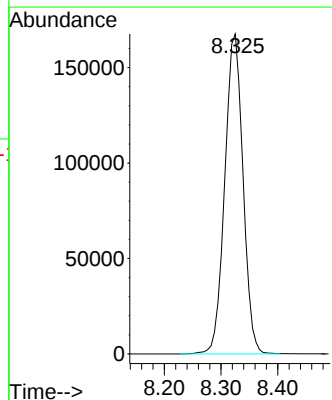
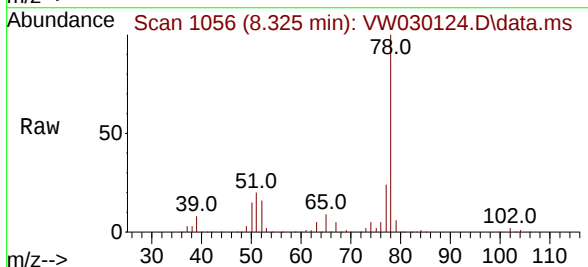
RT: 8.325 min Scan# 1056

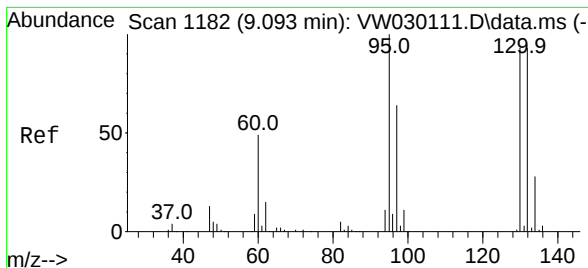
Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Tgt Ion: 78 Resp: 374089





#34

Trichloroethene

Concen: 26.820 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 98547

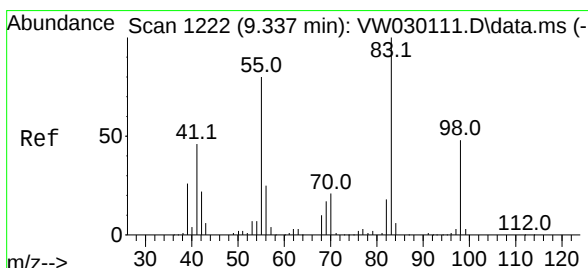
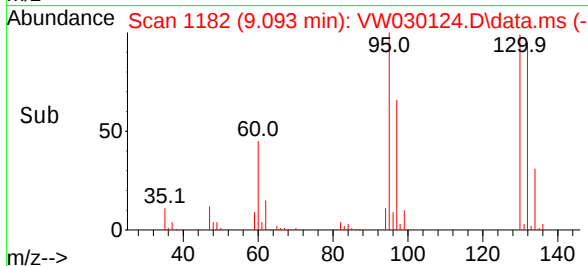
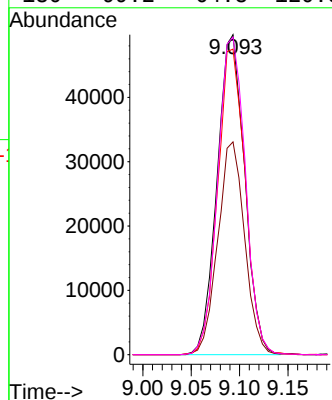
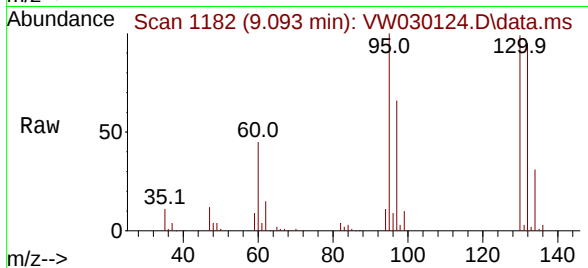
Ion Ratio Lower Upper

95 100

97 66.5 43.3 80.5

132 95.5 63.6 118.0

130 99.2 64.8 120.3



#35

Methylcyclohexane

Concen: 26.482 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

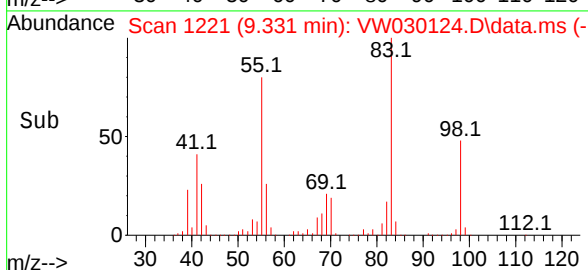
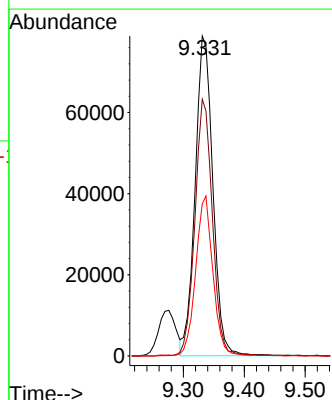
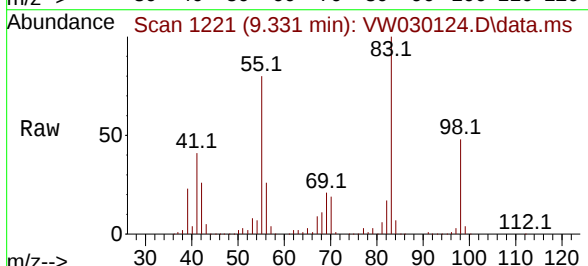
Tgt Ion: 83 Resp: 159369

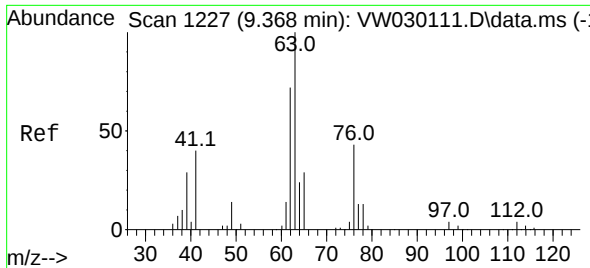
Ion Ratio Lower Upper

83 100

55 79.6 59.0 88.6

98 48.6 38.2 57.4





#37

1,2-Dichloropropane

Concen: 28.628 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

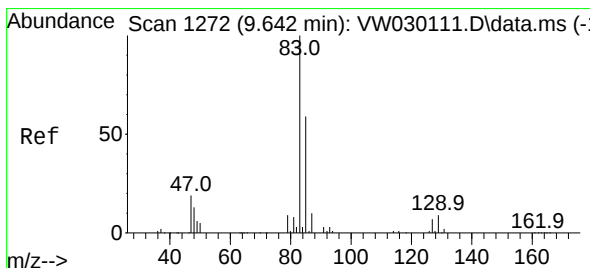
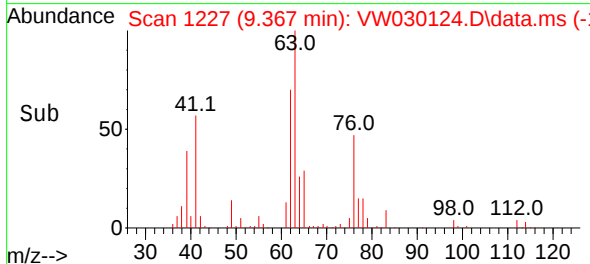
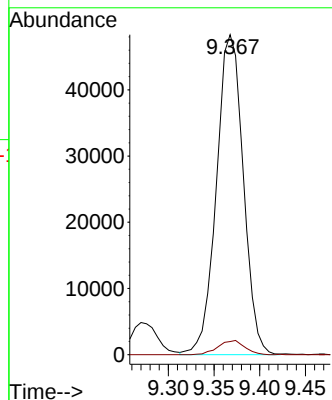
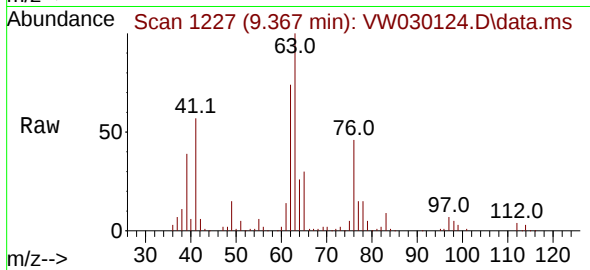
ClientSampleId :

Tgt Ion: 63 Resp: 98924

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5



#38

Bromodichloromethane

Concen: 27.936 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

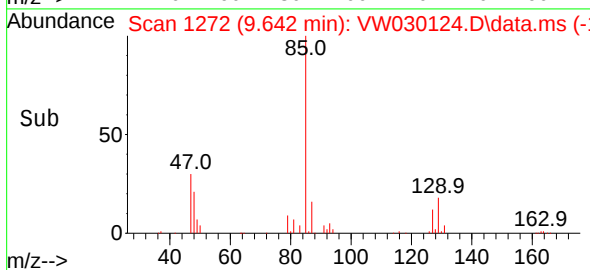
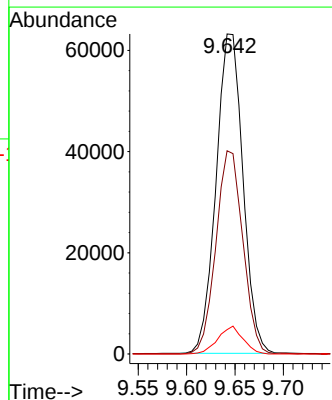
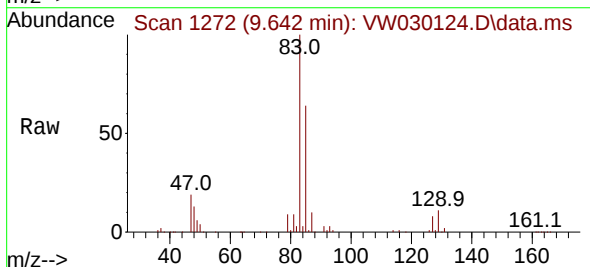
Tgt Ion: 83 Resp: 121800

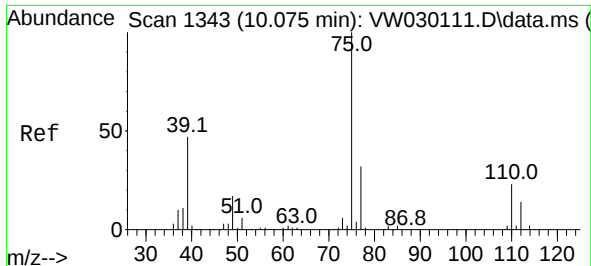
Ion Ratio Lower Upper

83 100

85 63.5 42.9 79.7

127 7.6 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 27.000 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

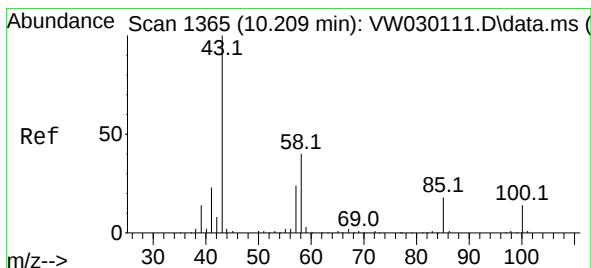
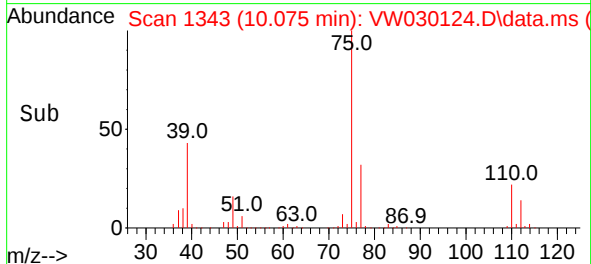
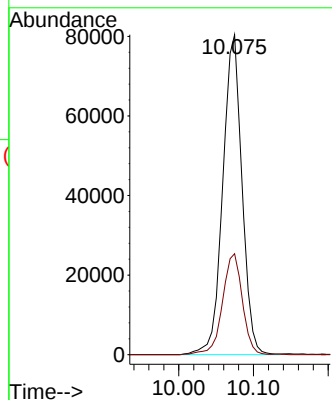
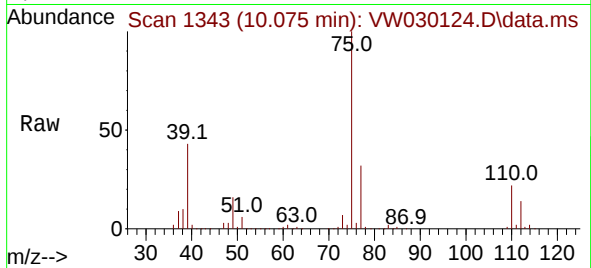
ClientSampleId :

Tgt Ion: 75 Resp: 143600

Ion Ratio Lower Upper

75 100

77 31.6 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 53.699 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

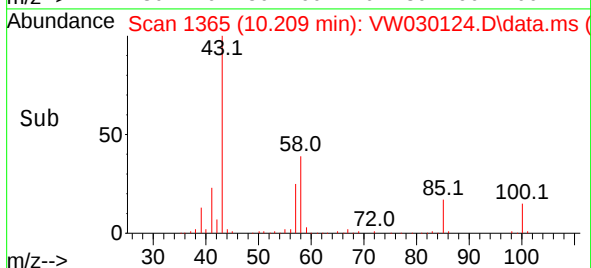
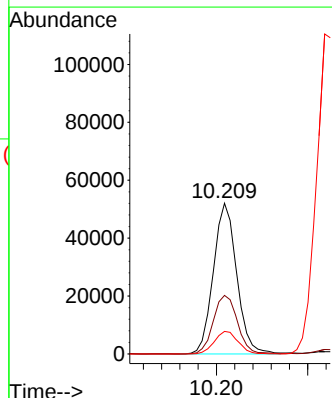
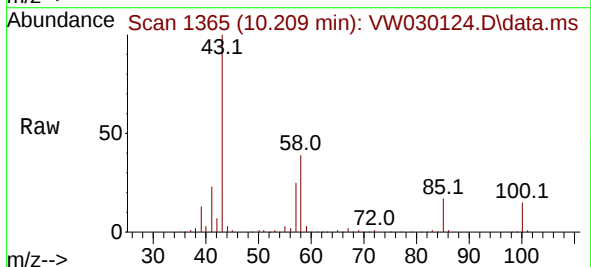
Tgt Ion: 43 Resp: 92366

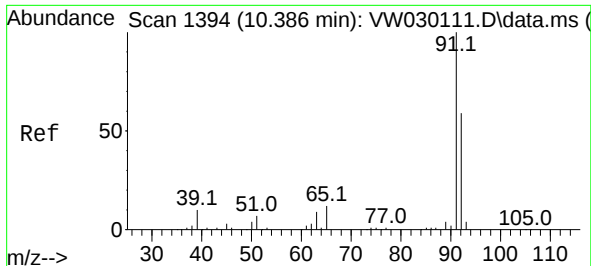
Ion Ratio Lower Upper

43 100

58 40.2 34.0 51.0

100 15.3 13.5 20.3





#42

Toluene

Concen: 27.956 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

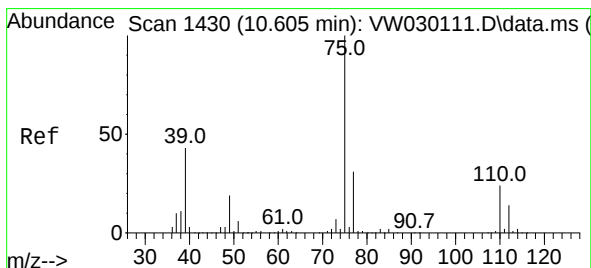
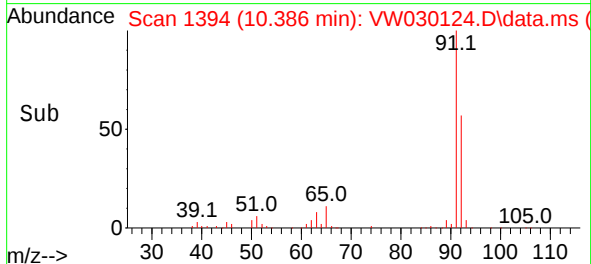
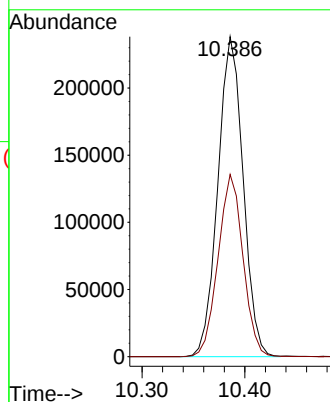
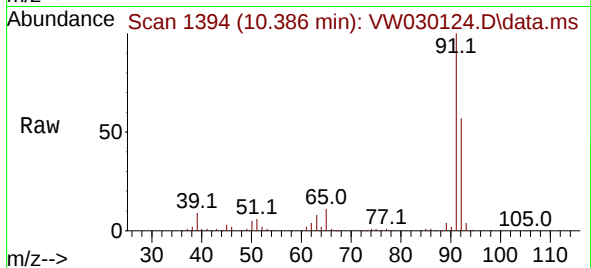
ClientSampleId :

Tgt Ion: 91 Resp: 406253

Ion Ratio Lower Upper

91 100

92 57.0 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 27.791 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030124.D

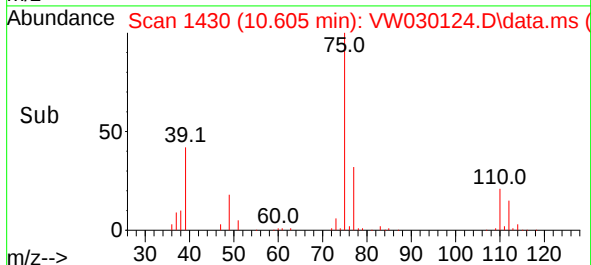
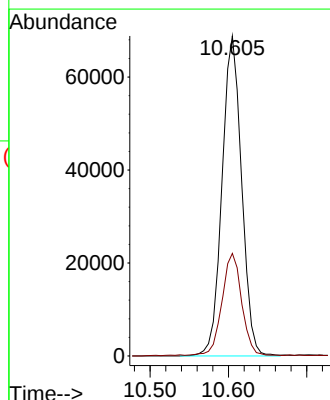
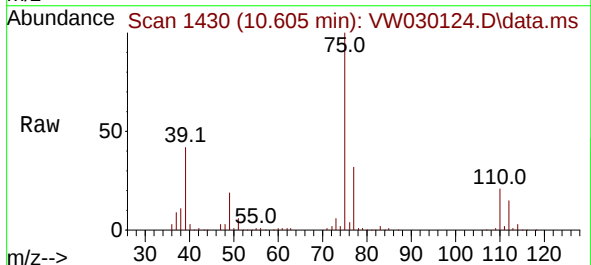
Acq: 10 Sep 2024 10:17

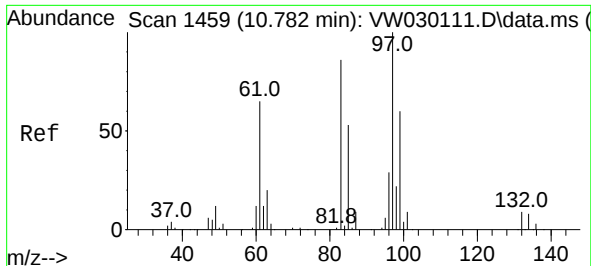
Tgt Ion: 75 Resp: 119605

Ion Ratio Lower Upper

75 100

77 32.1 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 26.437 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

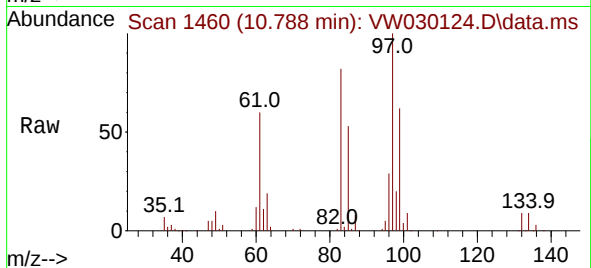
Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 66956

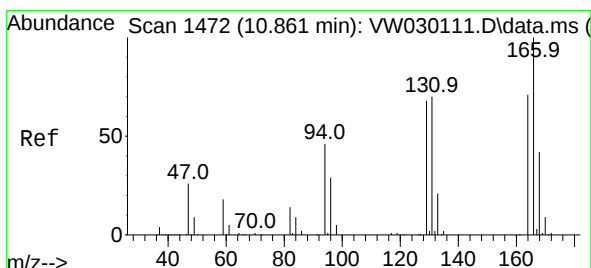
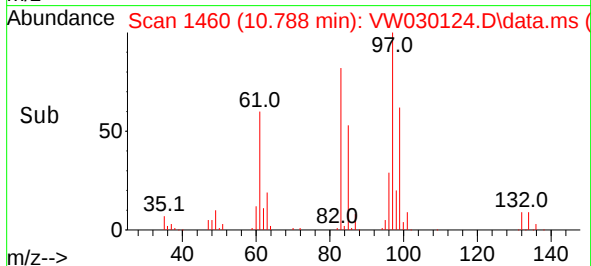
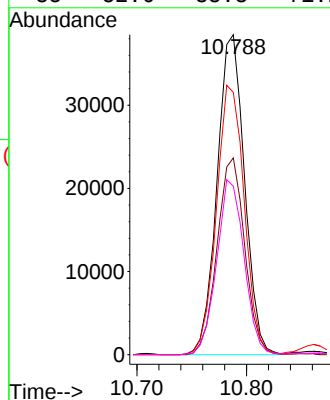
Ion Ratio Lower Upper

97 100

99 61.5 40.3 74.8

83 82.0 58.0 107.6

85 52.6 38.3 71.1



#46

Tetrachloroethene

Concen: 26.426 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Tgt Ion:164 Resp: 73699

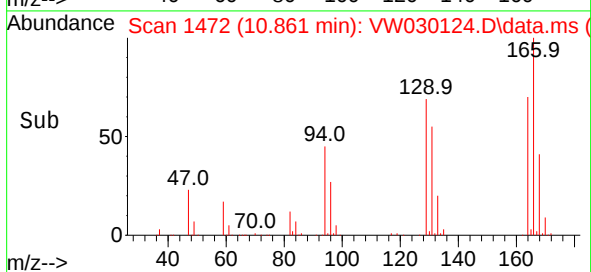
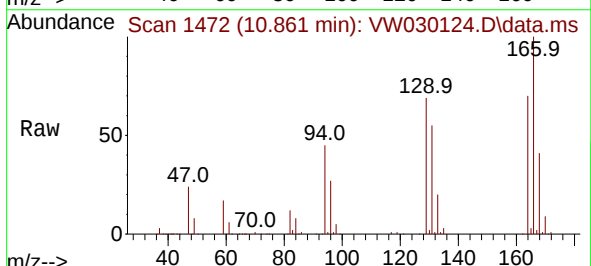
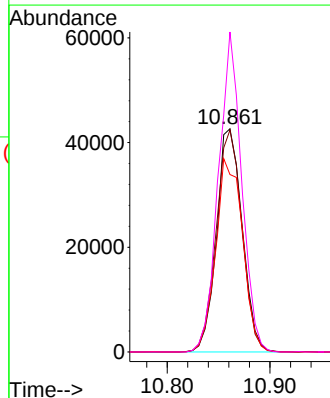
Ion Ratio Lower Upper

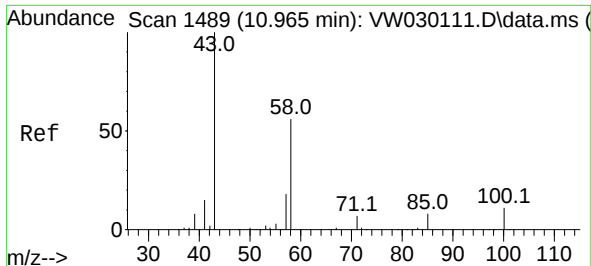
164 100

129 99.5 66.1 122.7

131 79.5 62.6 116.2

166 143.4 81.2 150.8

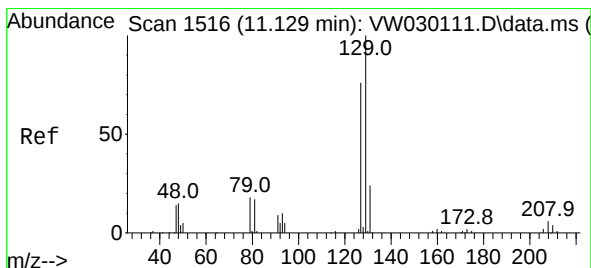
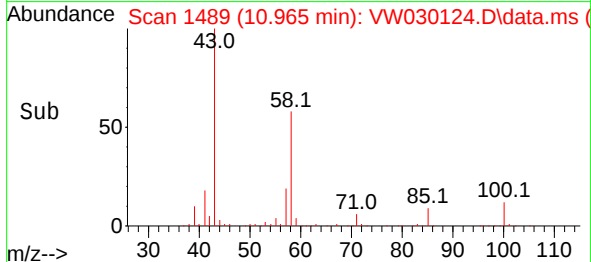
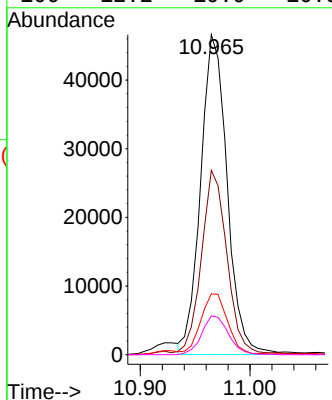
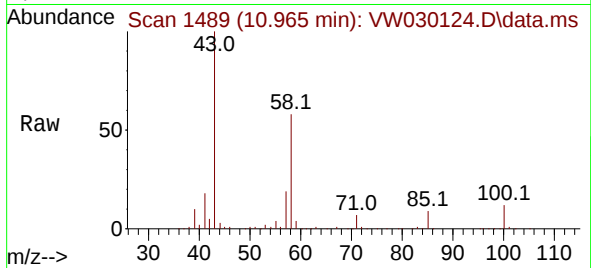




#48
2-Hexanone
Concen: 64.005 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030124.D
Acq: 10 Sep 2024 10:17

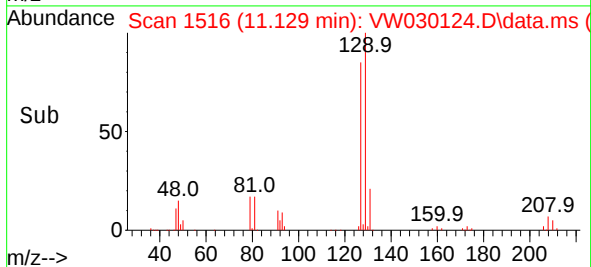
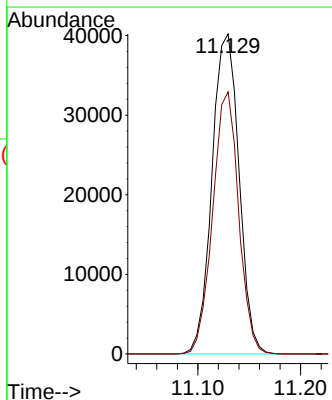
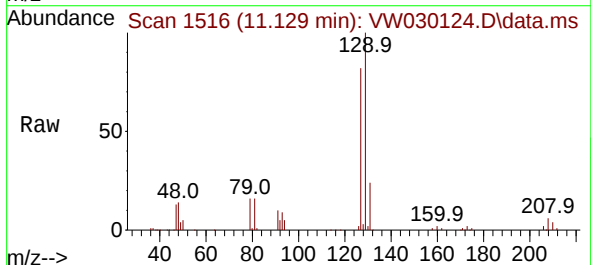
Instrument :
MSVOA_W
ClientSampleId :

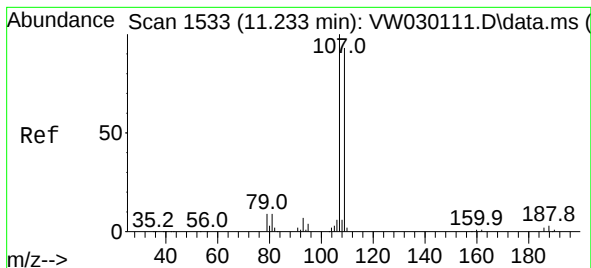
Tgt Ion:	43	Resp:	78265
Ion Ratio	Lower	Upper	
43	100		
58	54.6	50.0	75.0
57	19.3	17.3	25.9
100	12.2	10.9	16.3



#49
Dibromochloromethane
Concen: 27.266 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW030124.D
Acq: 10 Sep 2024 10:17

Tgt Ion:	129	Resp:	73374
Ion Ratio	Lower	Upper	
129	100		
127	81.9	51.8	96.2





#50

1,2-Dibromoethane

Concen: 24.920 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW030124.D

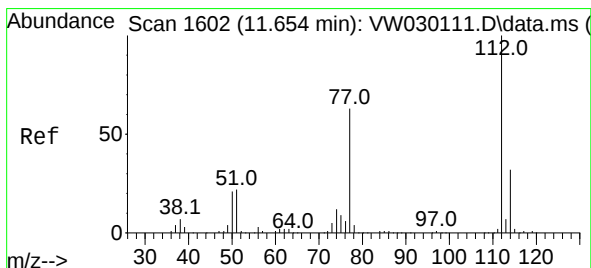
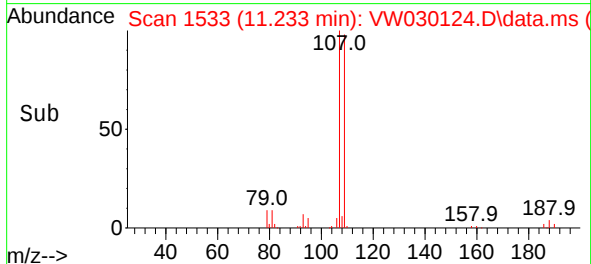
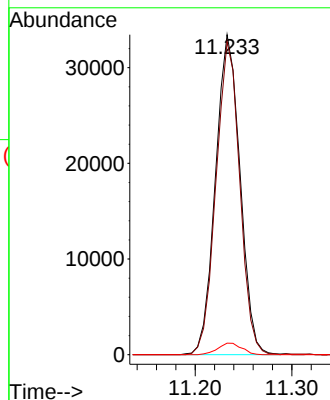
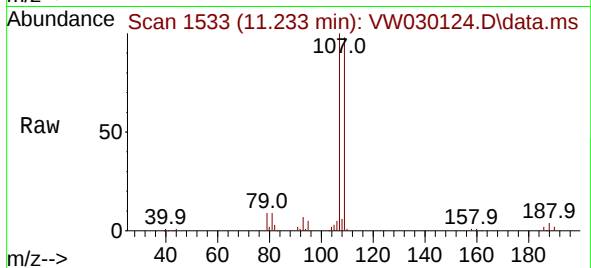
Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp: 58955
Ion Ratio	Lower Upper
107 100	
109 97.8	61.7 114.5
188 3.6	3.1 4.7



#51

Chlorobenzene

Concen: 27.135 ug/L

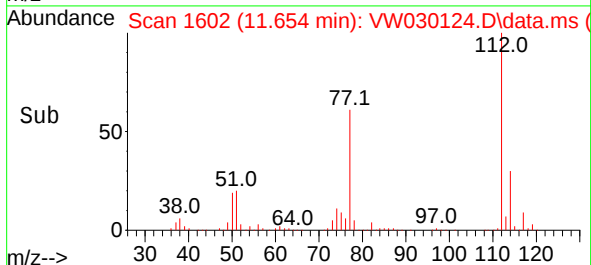
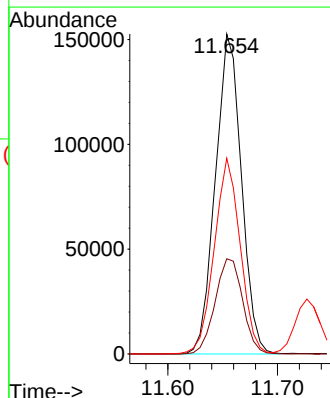
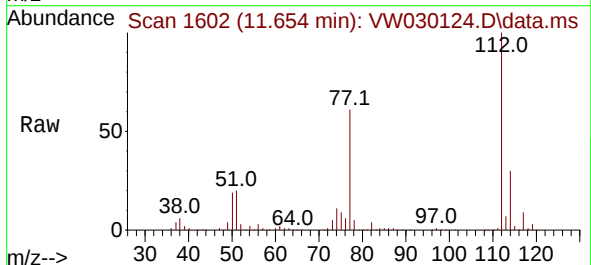
RT: 11.654 min Scan# 1602

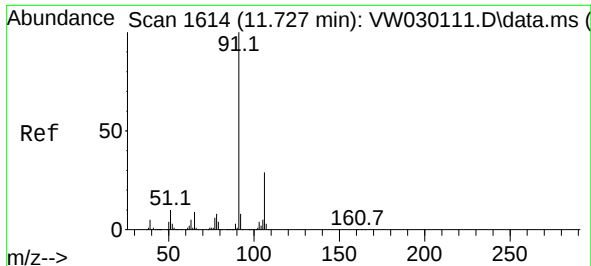
Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Tgt Ion:112	Resp: 252133
Ion Ratio	Lower Upper
112 100	
114 29.7	20.9 38.9
77 61.2	47.1 70.7





#52

Ethylbenzene

Concen: 28.009 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

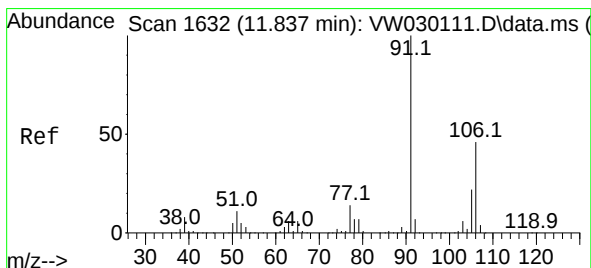
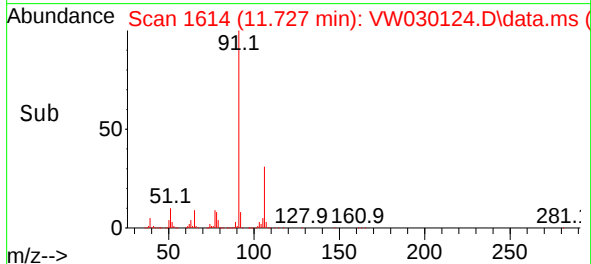
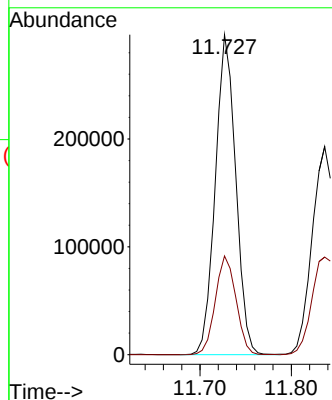
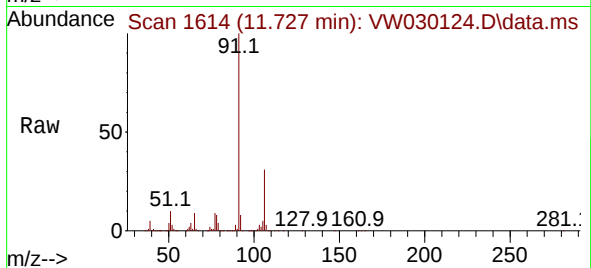
ClientSampleId :

Tgt Ion: 91 Resp: 461186

Ion Ratio Lower Upper

91 100

106 30.9 22.0 41.0



#53

m,p-Xylene

Concen: 28.581 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030124.D

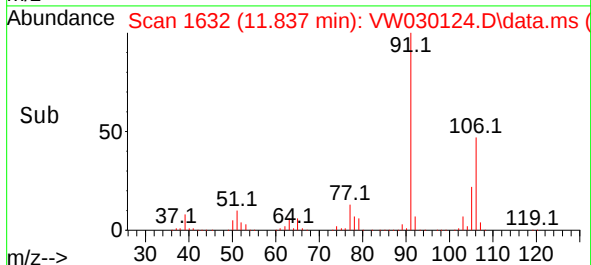
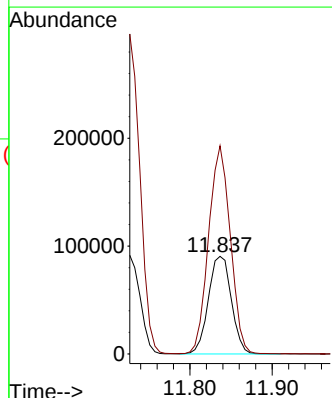
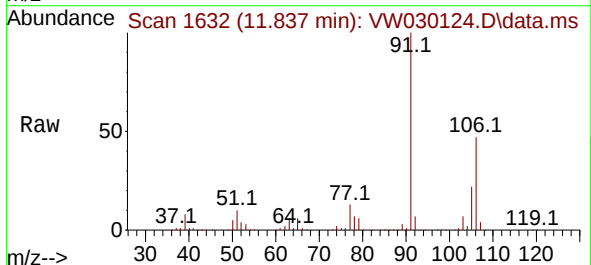
Acq: 10 Sep 2024 10:17

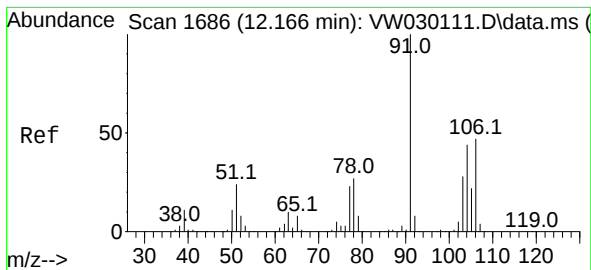
Tgt Ion: 106 Resp: 175626

Ion Ratio Lower Upper

106 100

91 213.3 146.7 272.4





#54

o-Xylene

Concen: 27.260 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

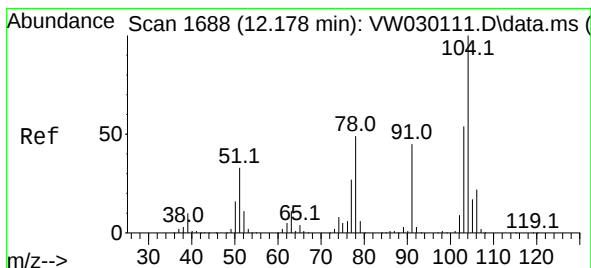
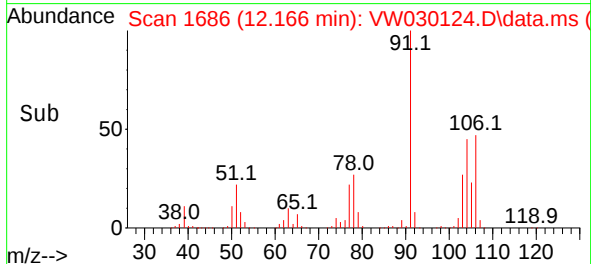
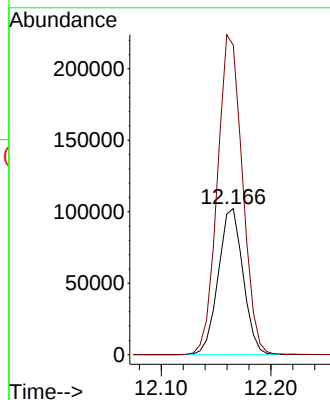
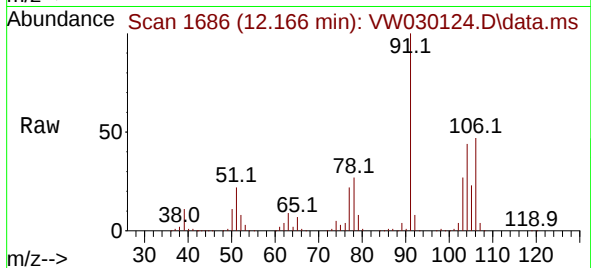
ClientSampleId :

Tgt Ion:106 Resp: 160769

Ion Ratio Lower Upper

106 100

91 211.9 153.9 285.7



#55

Styrene

Concen: 28.964 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW030124.D

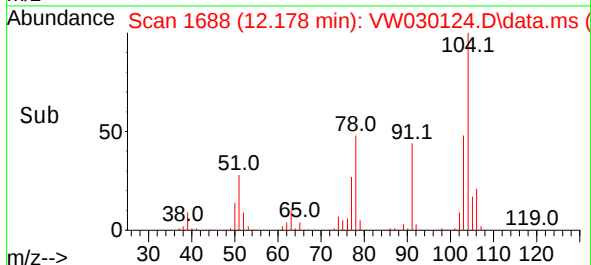
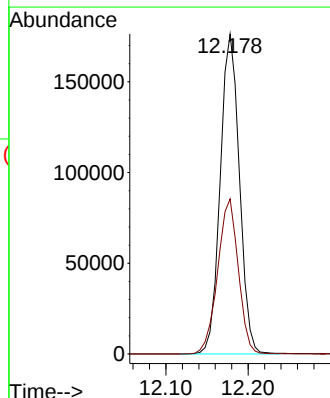
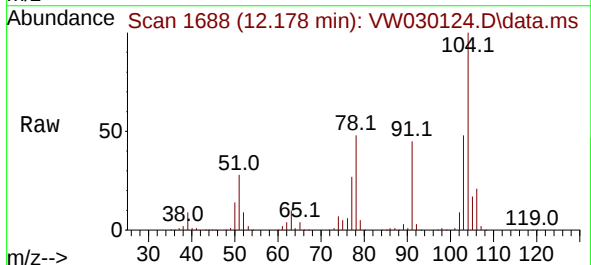
Acq: 10 Sep 2024 10:17

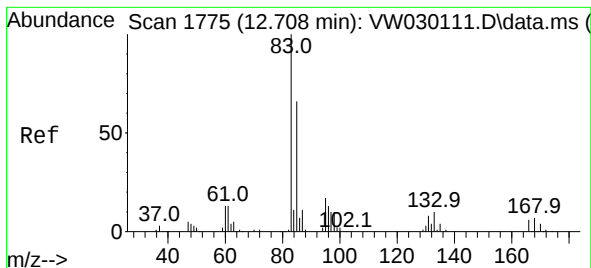
Tgt Ion:104 Resp: 286206

Ion Ratio Lower Upper

104 100

78 48.5 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 26.534 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

ClientSampleId :

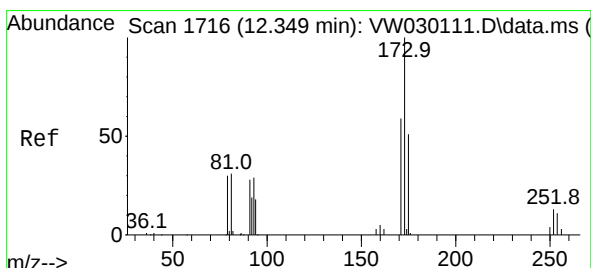
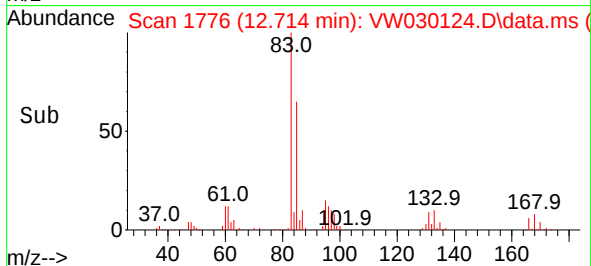
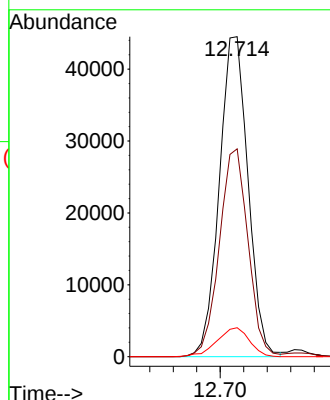
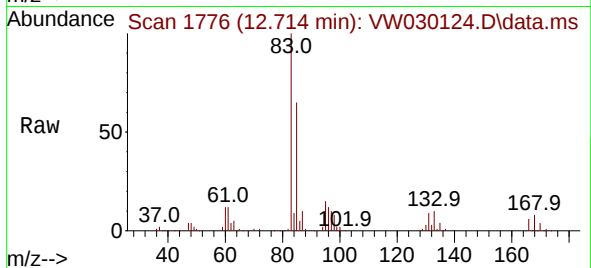
Tgt Ion: 83 Resp: 75678

Ion Ratio Lower Upper

83 100

85 65.0 44.0 81.8

131 9.1 7.3 10.9



#59

Bromoform

Concen: 24.456 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

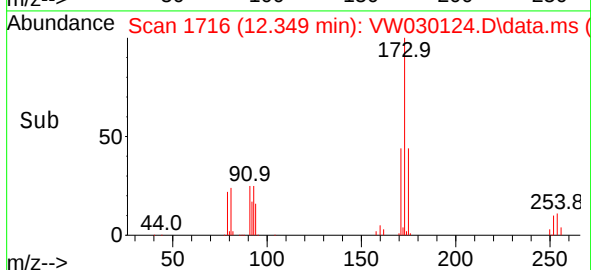
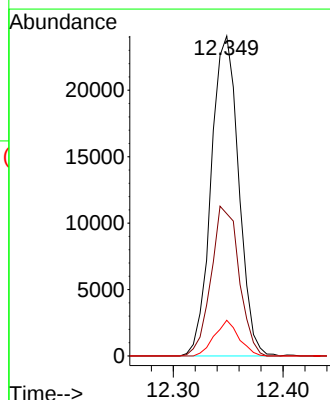
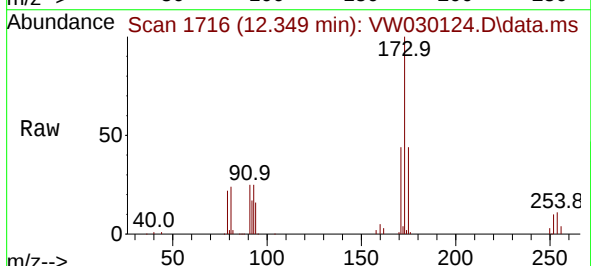
Tgt Ion:173 Resp: 42020

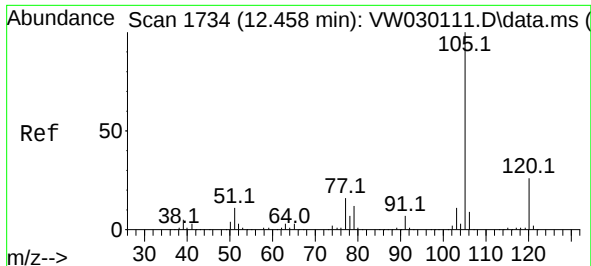
Ion Ratio Lower Upper

173 100

175 47.4 41.4 62.2

254 9.9 8.6 13.0





#60

Isopropylbenzene

Concen: 25.406 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

ClientSampleId :

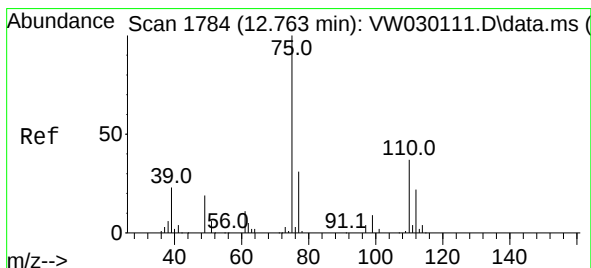
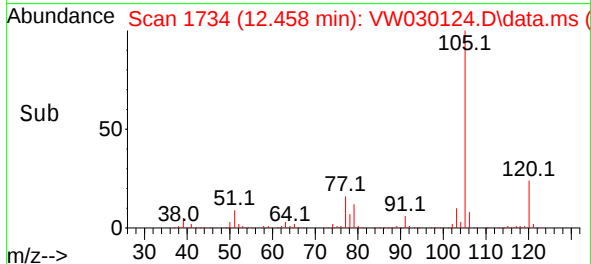
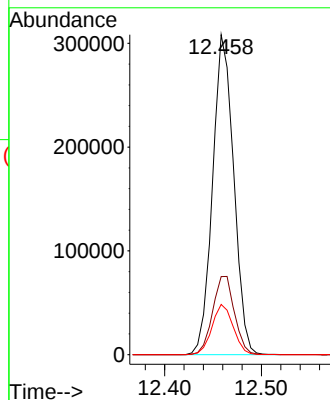
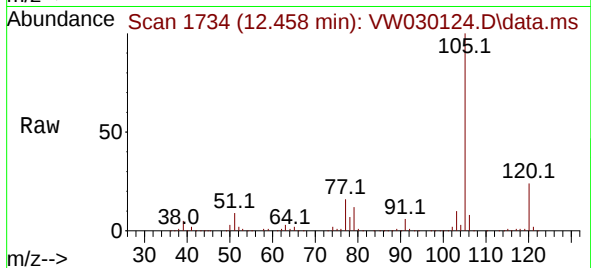
Tgt Ion:105 Resp: 467667

Ion Ratio Lower Upper

105 100

120 25.4 20.6 30.8

77 15.8 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 22.611 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

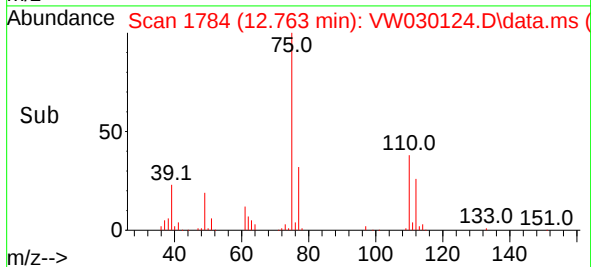
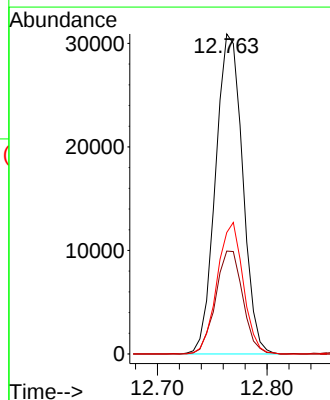
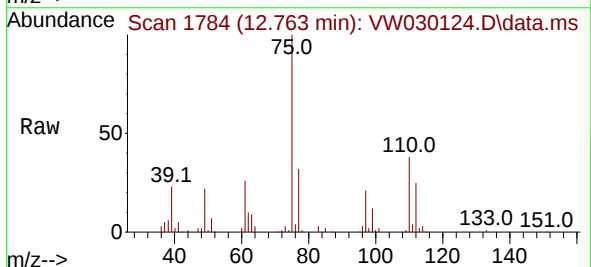
Tgt Ion: 75 Resp: 53045

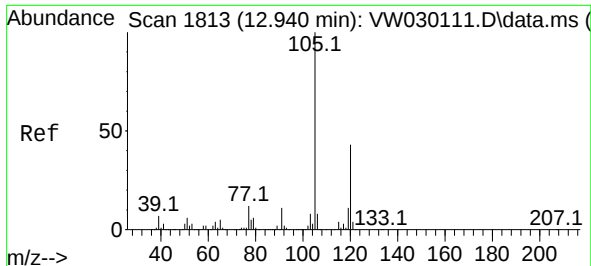
Ion Ratio Lower Upper

75 100

77 32.3 26.0 39.0

110 39.5 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 27.298 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

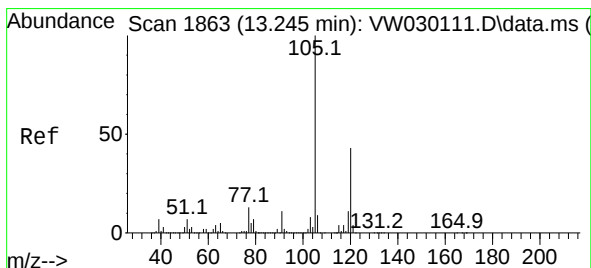
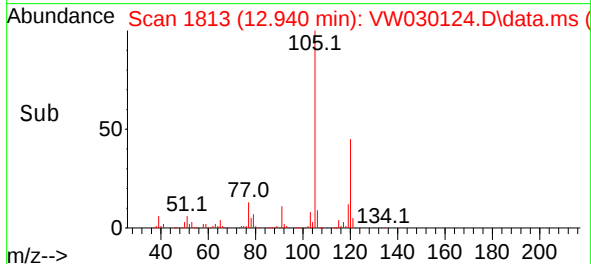
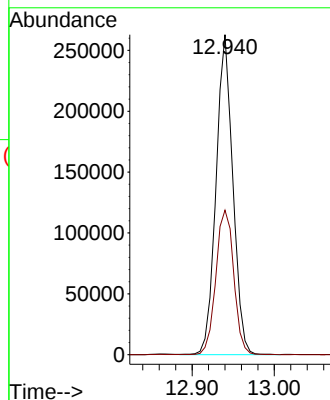
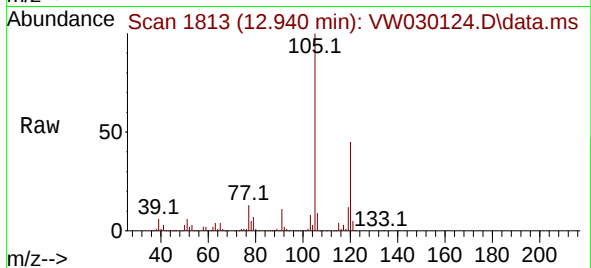
ClientSampleId :

Tgt Ion:105 Resp: 373622

Ion Ratio Lower Upper

105 100

120 48.1 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 25.885 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW030124.D

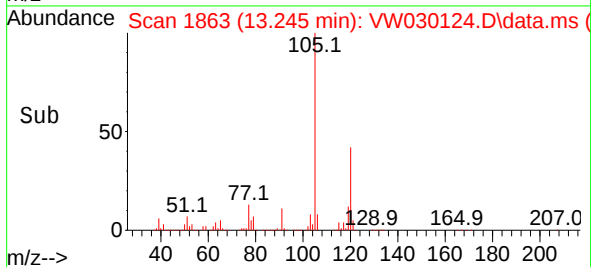
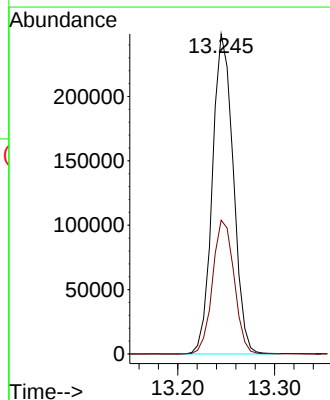
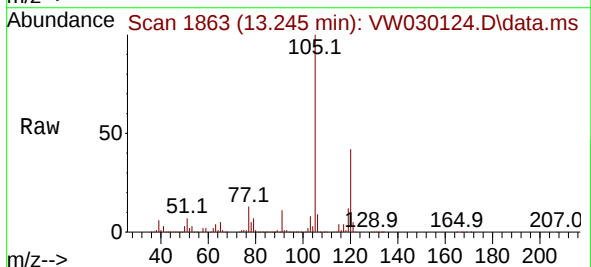
Acq: 10 Sep 2024 10:17

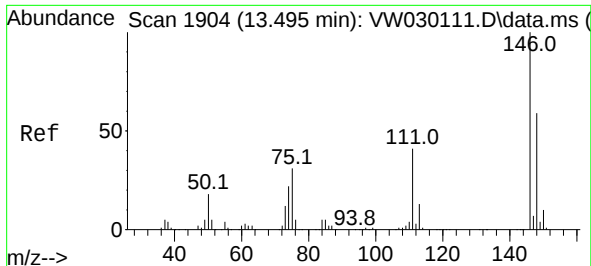
Tgt Ion:105 Resp: 373432

Ion Ratio Lower Upper

105 100

120 43.0 36.3 54.5

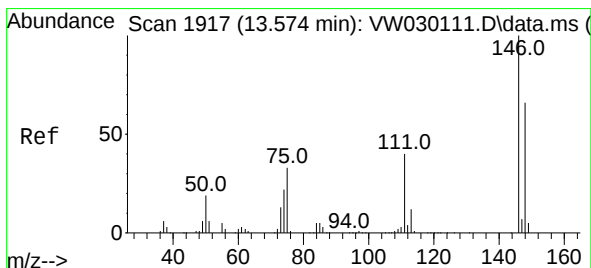
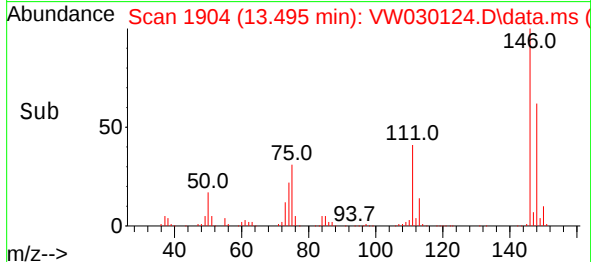
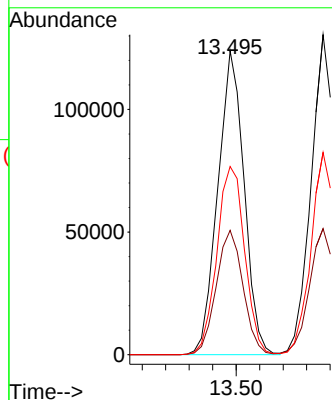
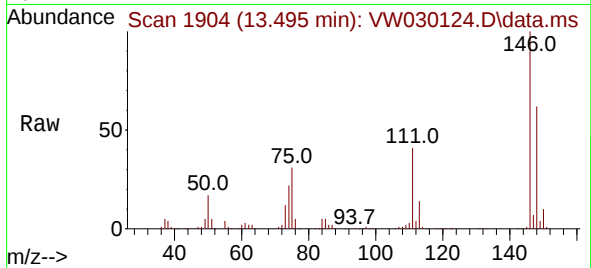




#64
1,3-Dichlorobenzene
Concen: 24.586 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030124.D
Acq: 10 Sep 2024 10:17

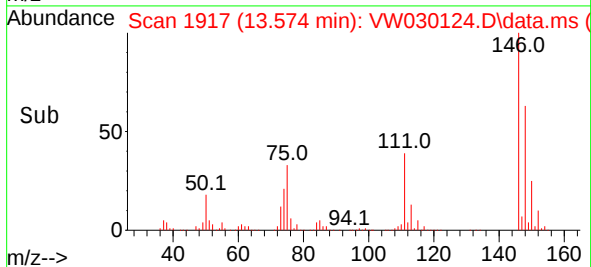
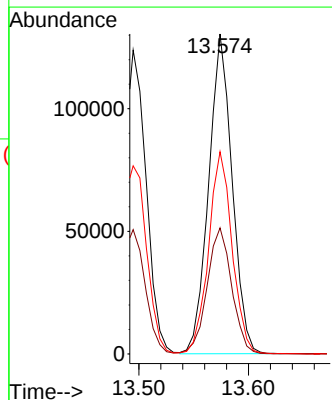
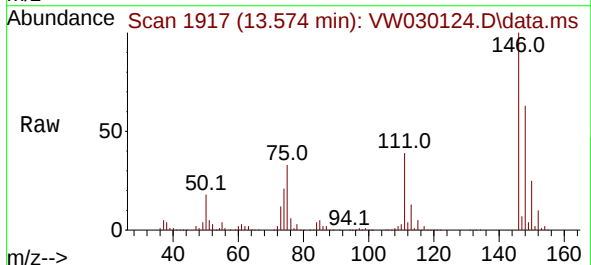
Instrument :
MSVOA_W
ClientSampleId :

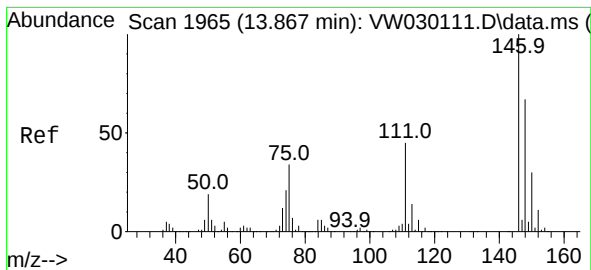
Tgt Ion:146 Resp: 192934
Ion Ratio Lower Upper
146 100
111 40.9 29.1 54.1
148 61.9 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 24.489 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030124.D
Acq: 10 Sep 2024 10:17

Tgt Ion:146 Resp: 194136
Ion Ratio Lower Upper
146 100
111 39.4 28.2 52.4
148 63.2 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 23.566 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

ClientSampleId :

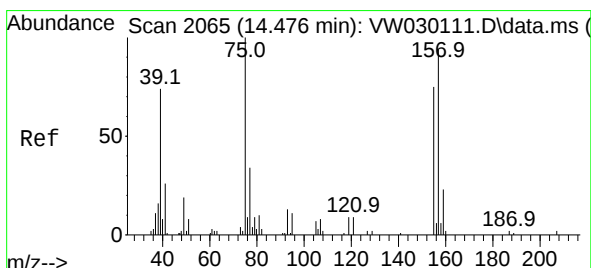
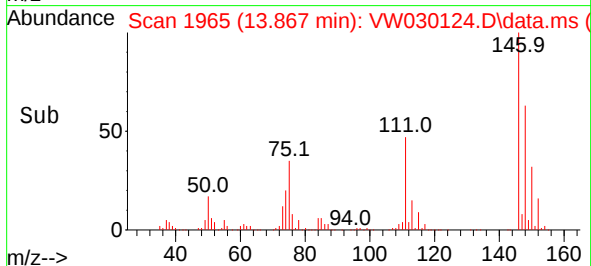
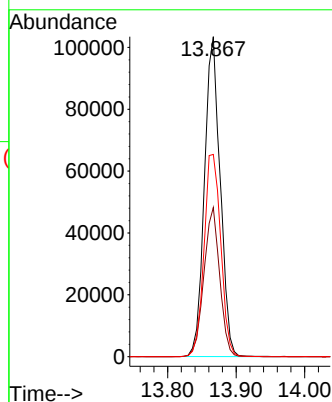
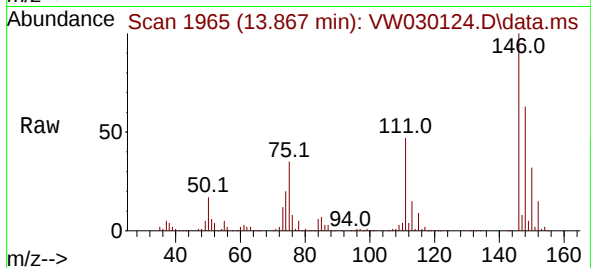
Tgt Ion:146 Resp: 165428

Ion Ratio Lower Upper

146 100

111 46.6 34.7 52.1

148 63.2 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.671 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

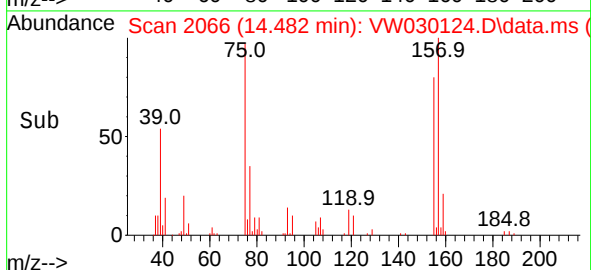
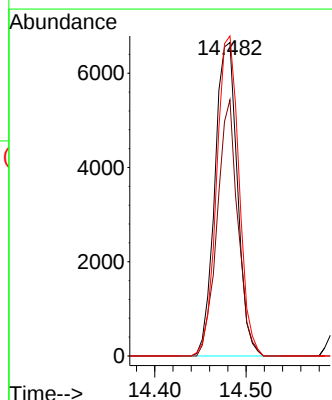
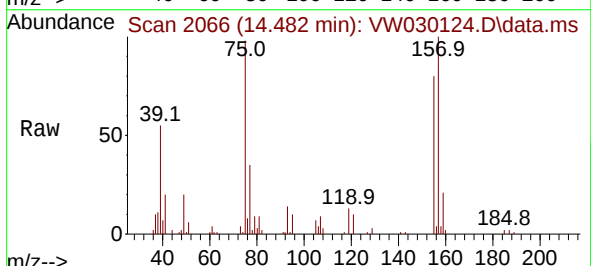
Tgt Ion: 75 Resp: 11385

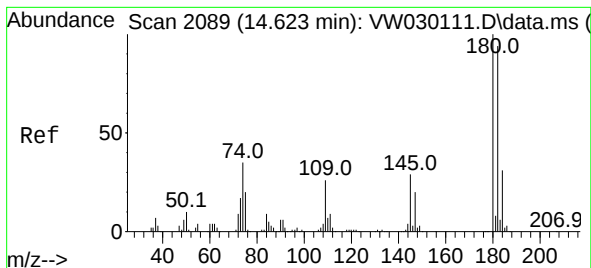
Ion Ratio Lower Upper

75 100

155 81.7 62.8 94.2

157 102.1 84.3 126.5





#69

1,3,5-Trichlorobenzene

Concen: 26.740 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

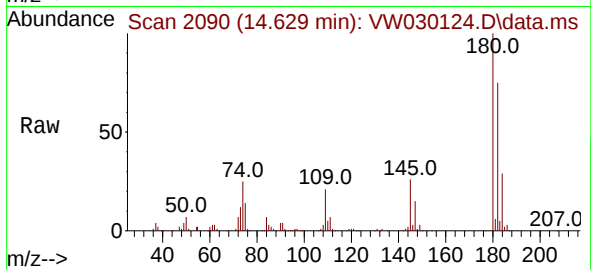
Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 136997

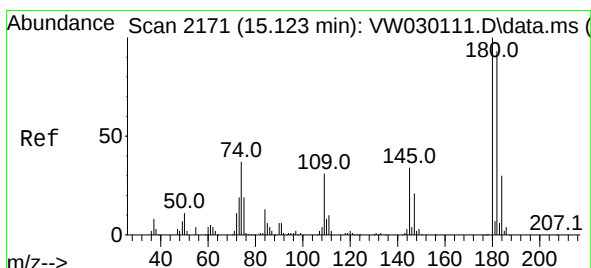
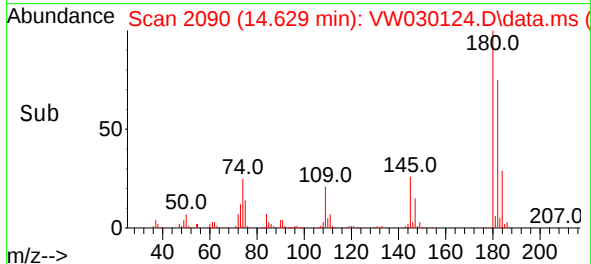
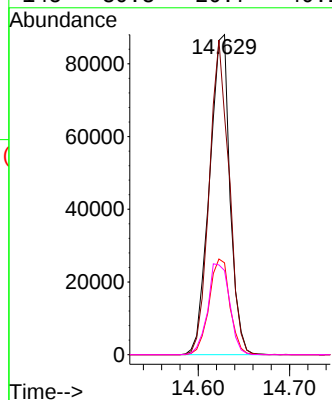
Ion Ratio Lower Upper

180 100

182 94.2 79.7 119.5

184 30.3 25.1 37.7

145 30.3 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 24.278 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

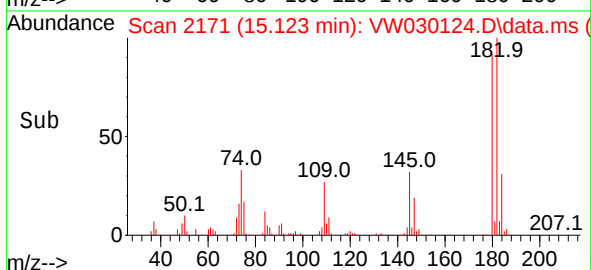
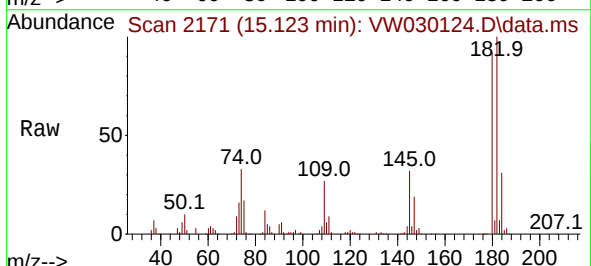
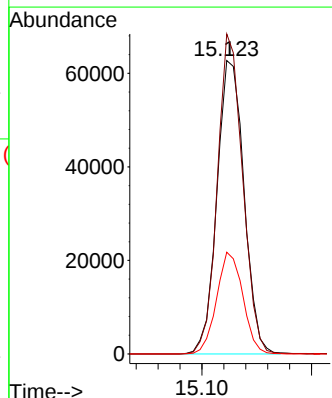
Tgt Ion:180 Resp: 107655

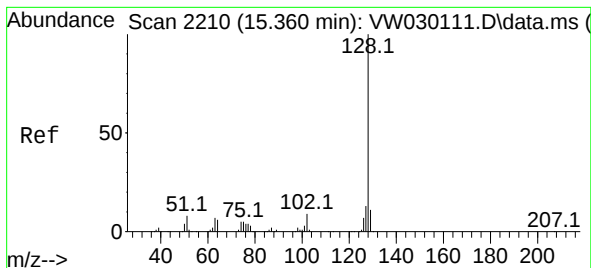
Ion Ratio Lower Upper

180 100

182 101.7 75.3 112.9

145 33.6 24.7 37.1





#71

Naphthalene

Concen: 22.146 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Instrument :

MSVOA_W

ClientSampleId :

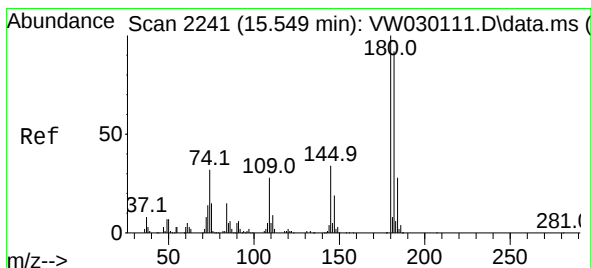
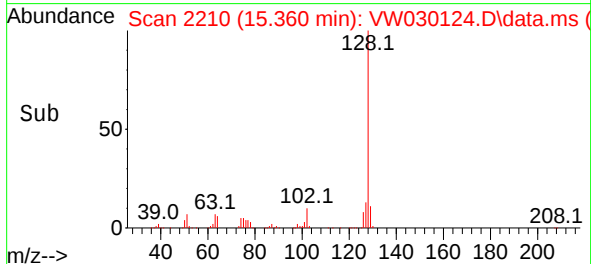
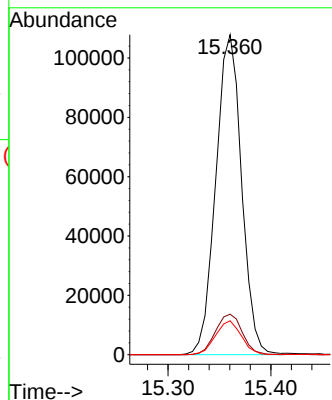
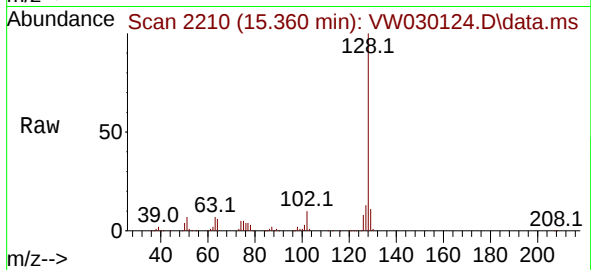
Tgt Ion:128 Resp: 187518

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.6 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 25.433 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW030124.D

Acq: 10 Sep 2024 10:17

Tgt Ion:180 Resp: 98989

Ion Ratio Lower Upper

180 100

182 97.2 77.2 115.8

145 33.0 26.5 39.7

