

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082624\
 Data File : VW030024.D
 Acq On : 26 Aug 2024 12:26
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 27 05:14:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 27 05:12:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	320197	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	294538	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	130157	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	112915	23.697	ug/L	0.00
7) Chloroethane-d5	2.899	69	80813	23.896	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	48291	23.721	ug/L	0.00
21) 2-Butanone-d5	7.081	46	48062	50.609	ug/L	0.00
24) Chloroform-d	7.648	84	211434	24.486	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	108011	24.635	ug/L	0.00
32) Benzene-d6	8.276	84	422309	24.291	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	125105	24.561	ug/L	0.00
41) Toluene-d8	10.318	98	391111	24.716	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	52538	25.074	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	41024	52.623	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93500	24.931	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	121273	25.760	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	95691	27.507	ug/L	100
3) Chloromethane	2.228	50	111916	26.142	ug/L	100
5) Vinyl chloride	2.375	62	131115	25.911	ug/L	100
6) Bromomethane	2.789	94	80815	25.699	ug/L	100
8) Chloroethane	2.942	64	75032	25.732	ug/L	100
9) Trichlorofluoromethane	3.265	101	114942	26.231	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	106486	26.354	ug/L	100
12) 1,1-Dichloroethene	4.045	96	105393	25.716	ug/L	100
13) Acetone	4.131	43	47754	55.272	ug/L	100
14) Carbon disulfide	4.393	76	341697	26.837	ug/L	100
15) Methyl Acetate	4.673	43	44375	26.392	ug/L	100
16) Methylene chloride	4.917	84	123542	23.356	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	113607	25.029	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	179054	25.794	ug/L	100
19) 1,1-Dichloroethane	6.222	63	214618	25.445	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	125796	25.075	ug/L	100
22) 2-Butanone	7.173	43	63881	52.353	ug/L	100
23) Bromochloromethane	7.514	128	54403	25.567	ug/L	100
25) Chloroform	7.679	83	219079	25.393	ug/L	100
27) 1,2-Dichloroethane	8.398	62	141380	25.600	ug/L	100
29) Cyclohexane	7.959	56	185836	26.294	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	172487	25.003	ug/L	100
31) Carbon tetrachloride	8.069	117	155222	25.044	ug/L	100
33) Benzene	8.325	78	481827	25.533	ug/L	100
34) Trichloroethene	9.093	95	125987	24.793	ug/L	100
35) Methylcyclohexane	9.337	83	217023	26.077	ug/L	100
37) 1,2-Dichloropropane	9.367	63	121450	25.415	ug/L	100
38) Bromodichloromethane	9.642	83	154222	25.578	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	189156	25.718	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	126644	53.240	ug/L	100
42) Toluene	10.386	91	513378	25.546	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	155099	26.060	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082624\
 Data File : VW030024.D
 Acq On : 26 Aug 2024 12:26
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

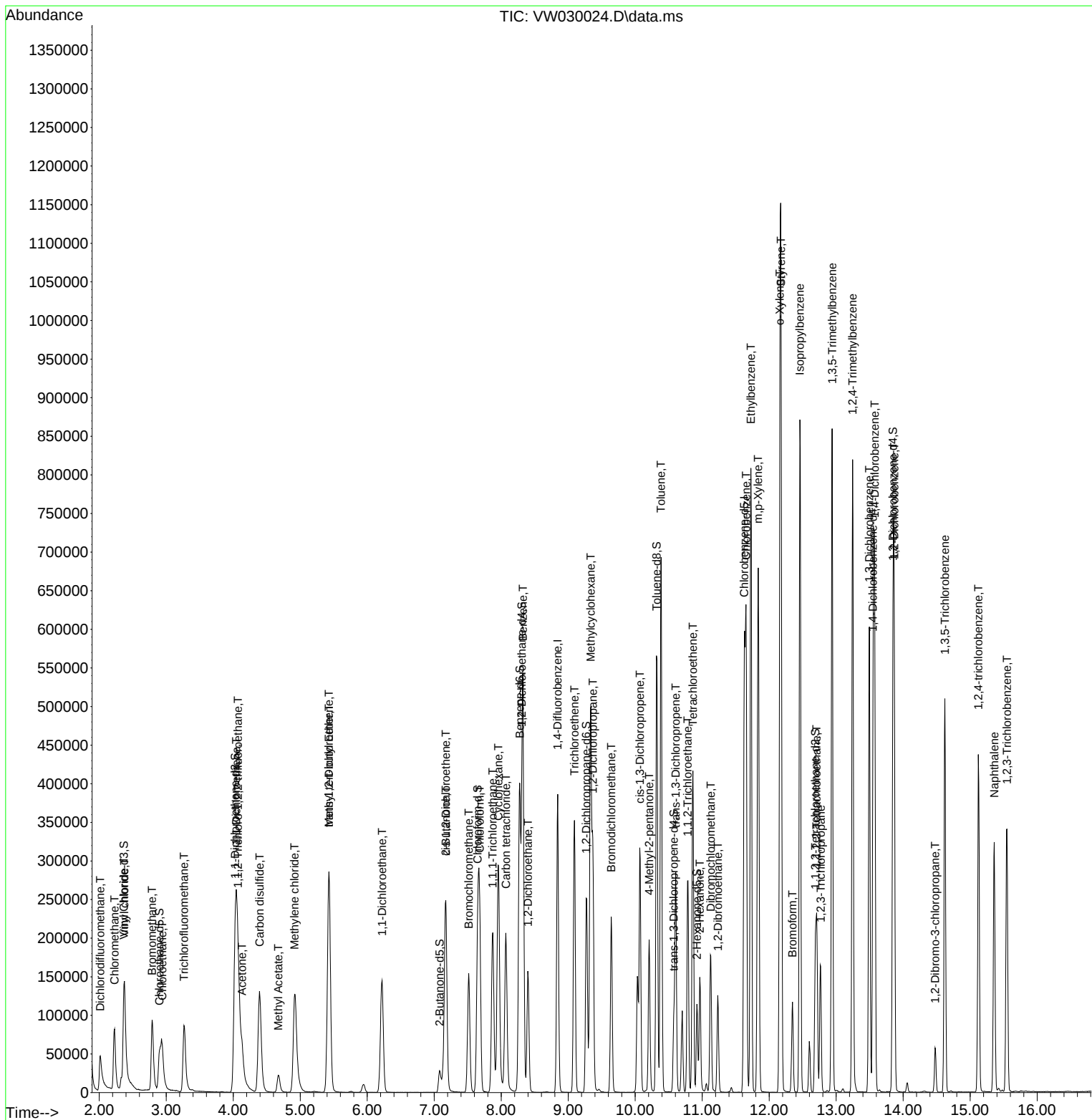
Instrument :
 MSVOA_W
 ClientSampleId :

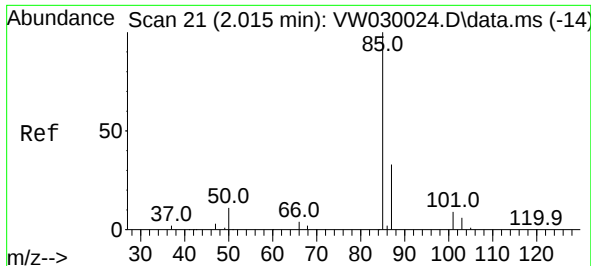
Quant Time: Aug 27 05:14:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 27 05:12:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	89301	25.496	ug/L	100
46) Tetrachloroethene	10.861	164	96898	25.124	ug/L	100
48) 2-Hexanone	10.965	43	88288	52.209	ug/L	100
49) Dibromochloromethane	11.129	129	97169	26.110	ug/L	100
50) 1,2-Dibromoethane	11.233	107	83950	25.659	ug/L	100
51) Chlorobenzene	11.654	112	317524	24.711	ug/L	100
52) Ethylbenzene	11.727	91	575123	25.257	ug/L	100
53) m,p-Xylene	11.836	106	216133	25.434	ug/L	100
54) o-Xylene	12.160	106	210239	25.777	ug/L	100
55) Styrene	12.178	104	354849	25.967	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	101637	25.769	ug/L	100
59) Bromoform	12.349	173	51301	26.468	ug/L	100
60) Isopropylbenzene	12.458	105	577103	27.792	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	72700	27.470	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	460228	29.808	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	447269	27.483	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	233869	26.419	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	243612	27.241	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	210198	26.544	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	14953	26.395	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	147520	25.525	ug/L	100
70) 1,2,4-trichlorobenzene	15.122	180	135858	27.160	ug/L	100
71) Naphthalene	15.360	128	269286	28.192	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	117676	26.801	ug/L	100

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

Quant Time: Aug 27 05:14:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Aug 27 05:12:50 2024
Response via : Initial Calibration

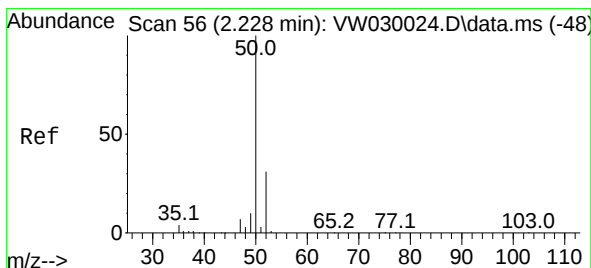
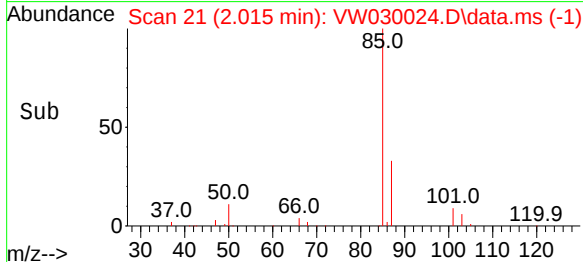
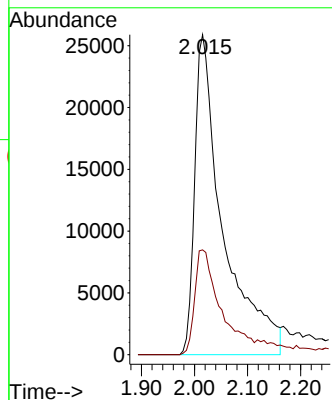
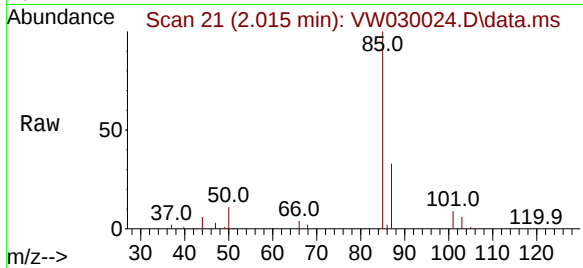




#2
 Dichlorodifluoromethane
 Concen: 27.507 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030024.D
 Acq: 26 Aug 2024 12:26

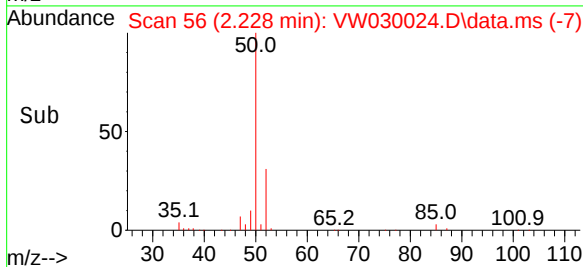
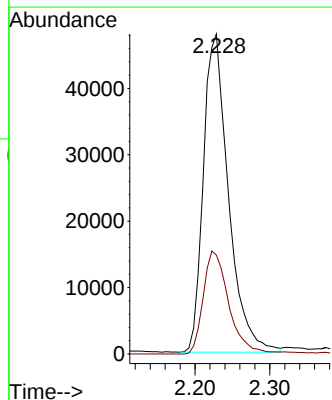
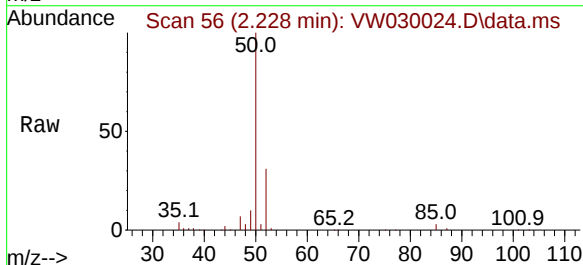
Instrument :
 MSVOA_W
 ClientSampleId :

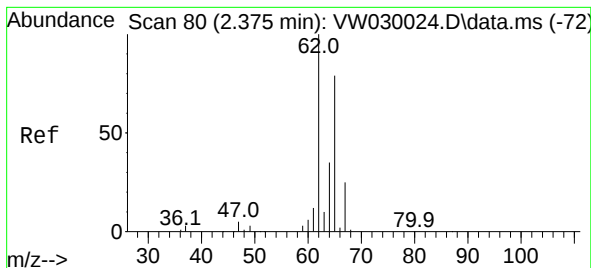
Tgt Ion: 85 Resp: 95691
 Ion Ratio Lower Upper
 85 100
 87 30.2 24.2 36.2



#3
 Chloromethane
 Concen: 26.142 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW030024.D
 Acq: 26 Aug 2024 12:26

Tgt Ion: 50 Resp: 111916
 Ion Ratio Lower Upper
 50 100
 52 30.9 21.6 40.2





#5

Vinyl chloride

Concen: 25.911 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Instrument :

MSVOA_W

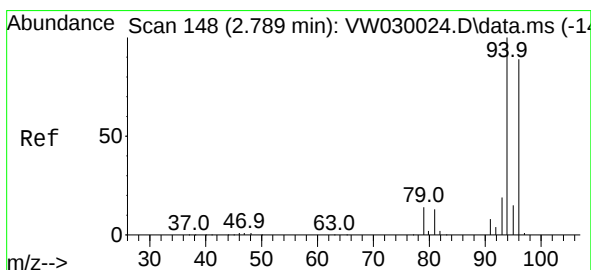
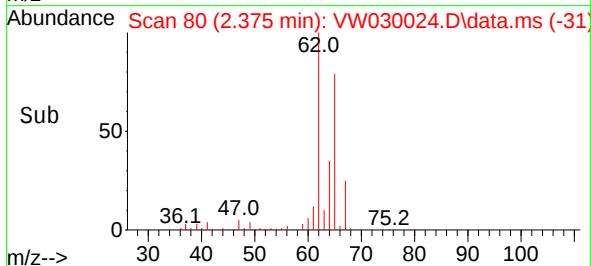
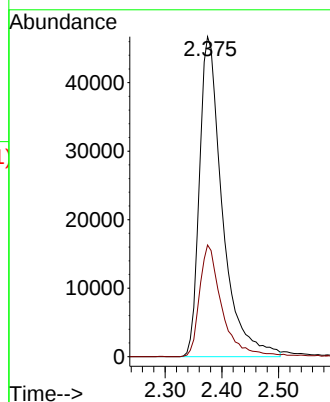
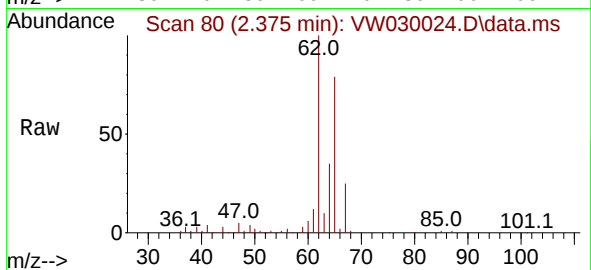
ClientSampleId :

Tgt Ion: 62 Resp: 131115

Ion Ratio Lower Upper

62 100

64 34.9 24.4 45.4



#6

Bromomethane

Concen: 25.699 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW030024.D

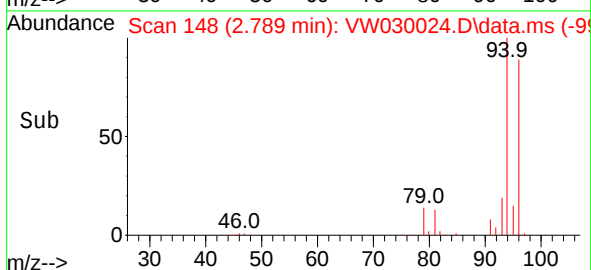
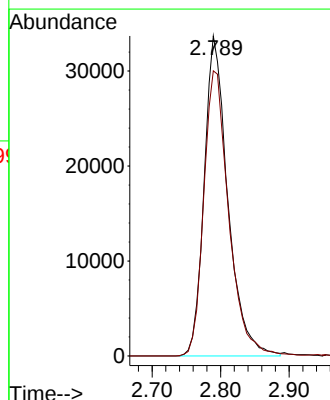
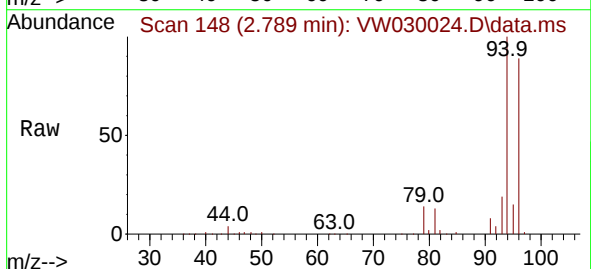
Acq: 26 Aug 2024 12:26

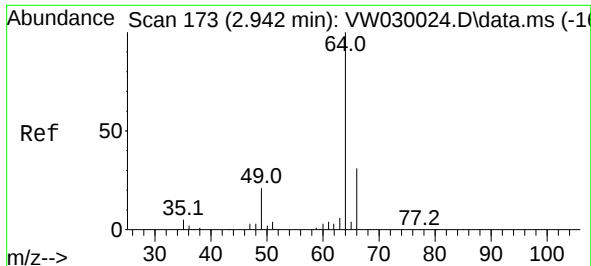
Tgt Ion: 94 Resp: 80815

Ion Ratio Lower Upper

94 100

96 89.1 62.4 115.8

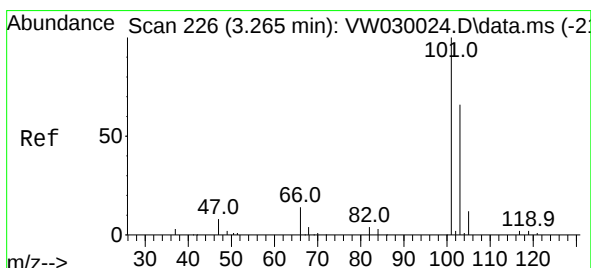
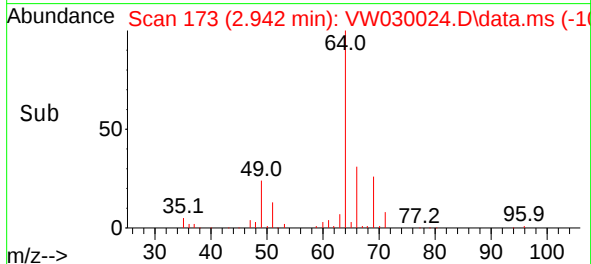
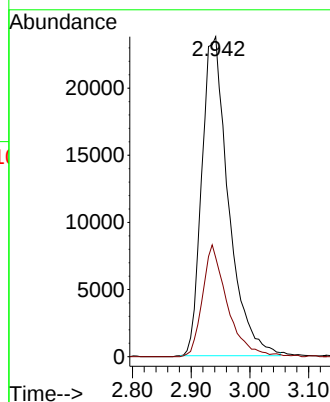
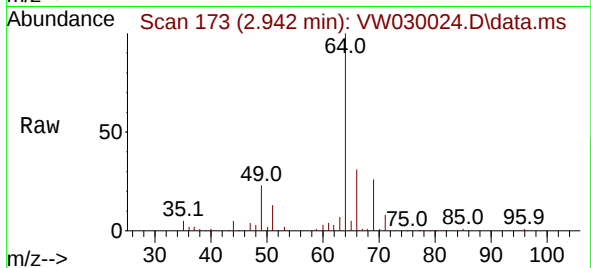




#8
Chloroethane
Concen: 25.732 ug/L
RT: 2.942 min Scan# 173
Delta R.T. 0.000 min
Lab File: VW030024.D
Acq: 26 Aug 2024 12:26

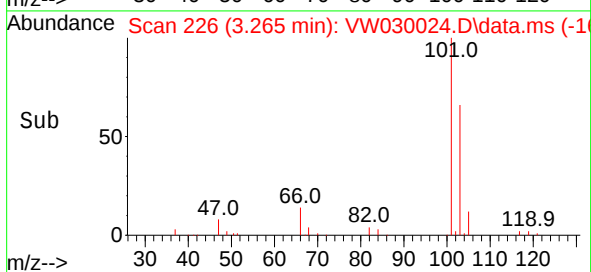
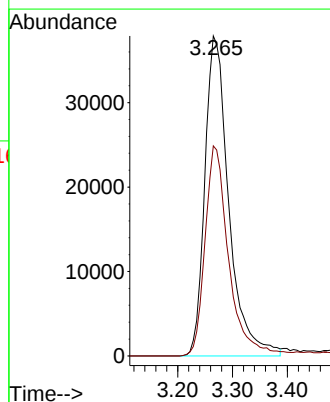
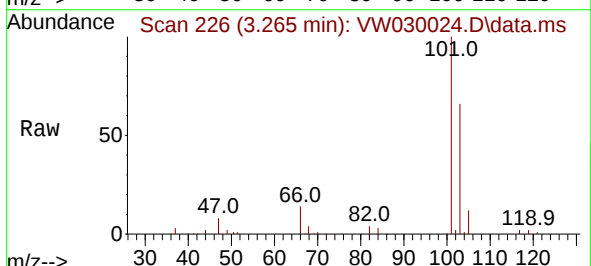
Instrument :
MSVOA_W
ClientSampleId :

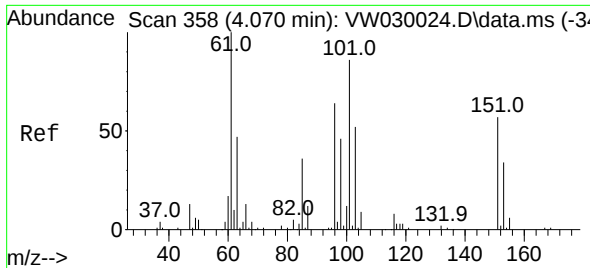
Tgt Ion: 64 Resp: 75032
Ion Ratio Lower Upper
64 100
66 31.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 26.231 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW030024.D
Acq: 26 Aug 2024 12:26

Tgt Ion:101 Resp: 114942
Ion Ratio Lower Upper
101 100
103 63.4 50.7 76.1

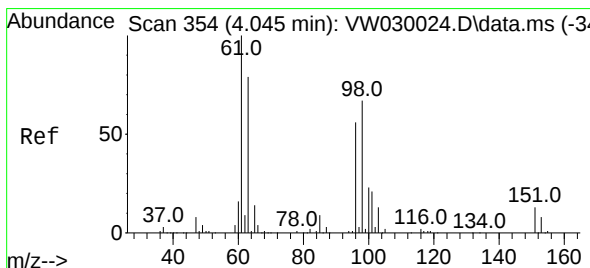
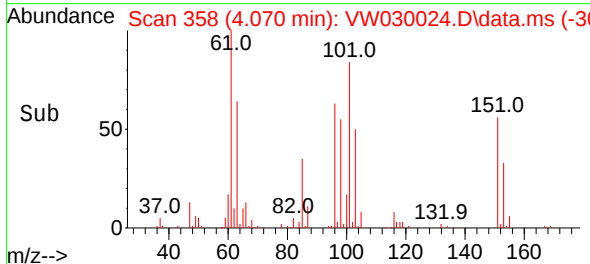
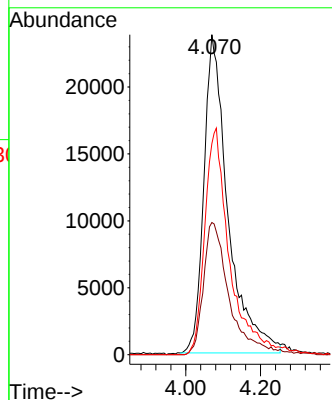
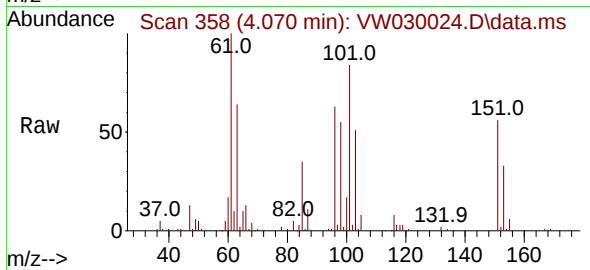




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.354 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW030024.D
 Acq: 26 Aug 2024 12:26

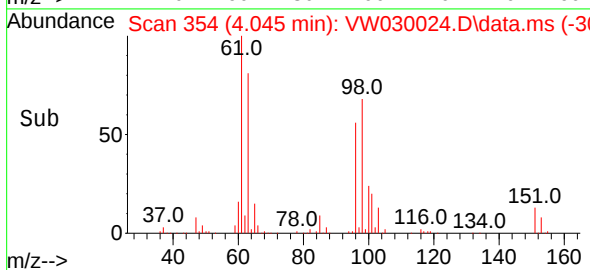
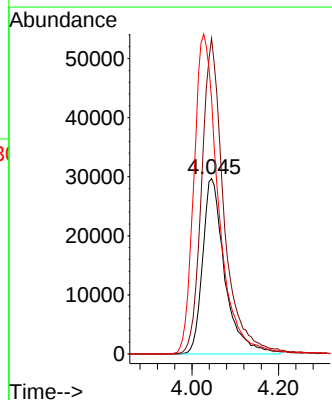
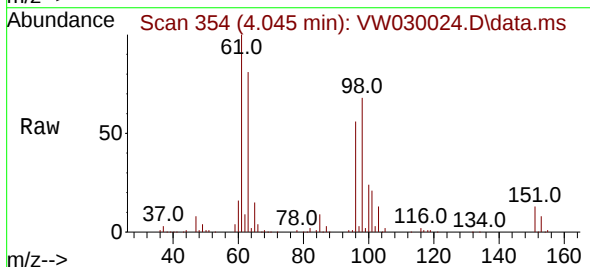
Instrument :
 MSVOA_W
 ClientSampleId :

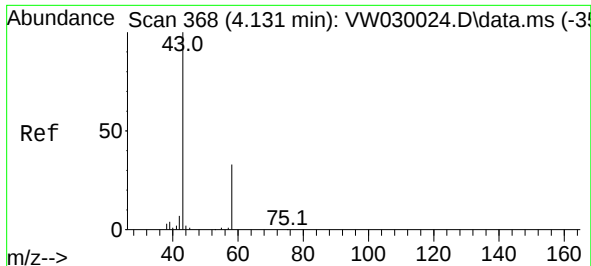
Tgt Ion:101 Resp: 106486
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.7 52.1
 151 68.5 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 25.716 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW030024.D
 Acq: 26 Aug 2024 12:26

Tgt Ion: 96 Resp: 105393
 Ion Ratio Lower Upper
 96 100
 61 180.0 126.0 234.0
 63 145.5 101.8 189.2

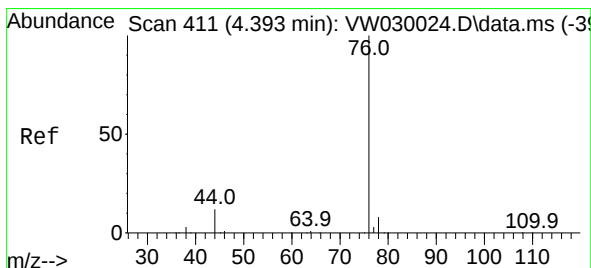
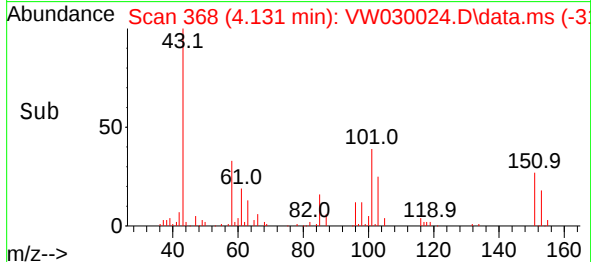
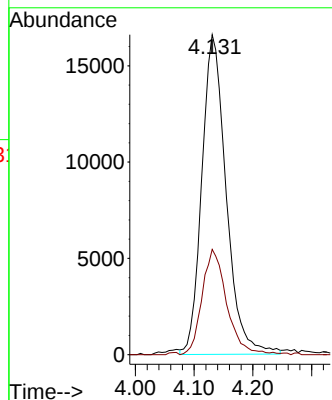
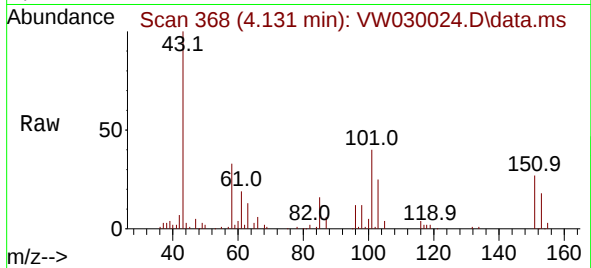




#13
Acetone
Concen: 55.272 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.000 min
Lab File: VW030024.D
Acq: 26 Aug 2024 12:26

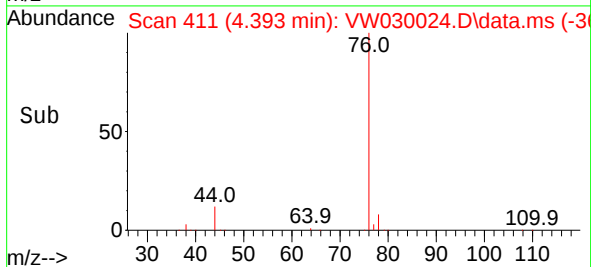
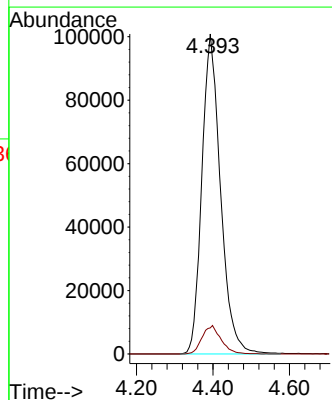
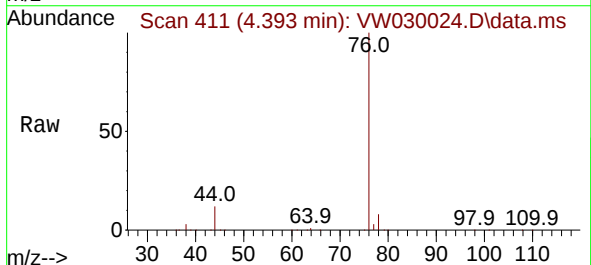
Instrument :
MSVOA_W
ClientSampleId :

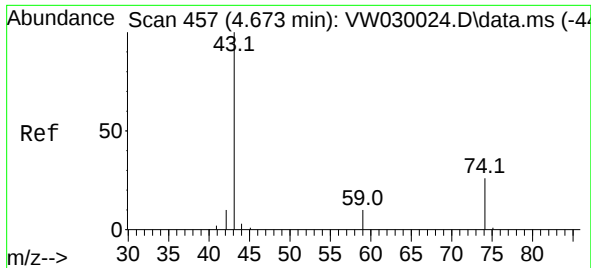
Tgt Ion: 43 Resp: 47754
Ion Ratio Lower Upper
43 100
58 33.2 0.0 66.4



#14
Carbon disulfide
Concen: 26.837 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW030024.D
Acq: 26 Aug 2024 12:26

Tgt Ion: 76 Resp: 341697
Ion Ratio Lower Upper
76 100
78 8.2 6.6 9.8

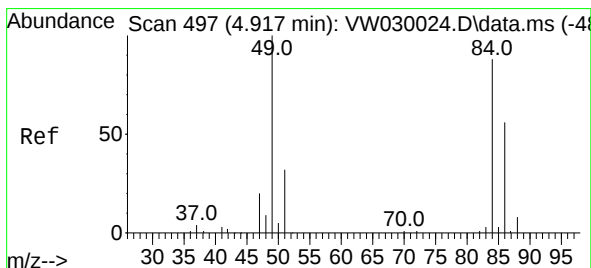
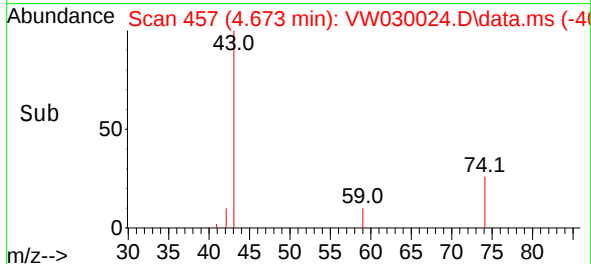
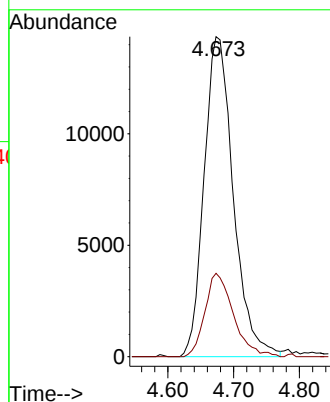
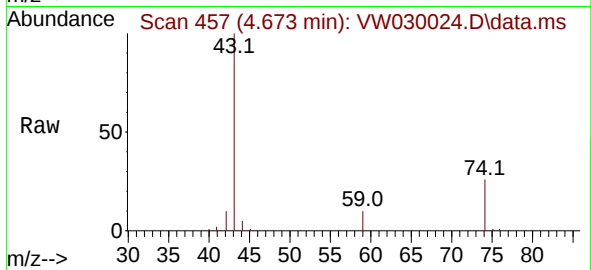




#15
Methyl Acetate
Concen: 26.392 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW030024.D
Acq: 26 Aug 2024 12:26

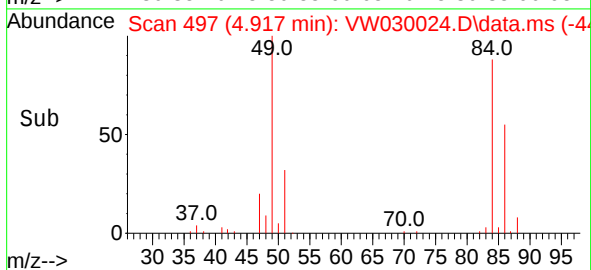
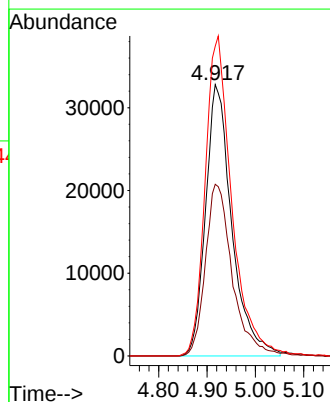
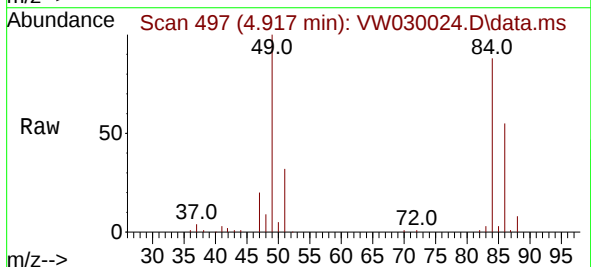
Instrument :
MSVOA_W
ClientSampleId :

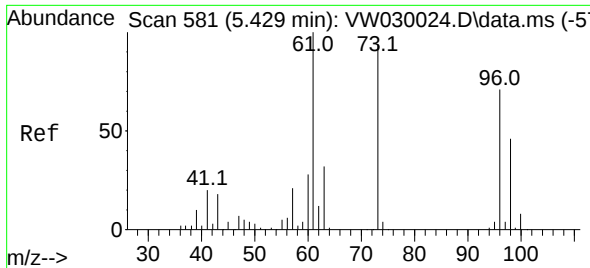
Tgt Ion: 43 Resp: 44375
Ion Ratio Lower Upper
43 100
74 24.9 19.9 29.9



#16
Methylene chloride
Concen: 23.356 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW030024.D
Acq: 26 Aug 2024 12:26

Tgt Ion: 84 Resp: 123542
Ion Ratio Lower Upper
84 100
86 63.2 44.2 82.2
49 114.1 79.9 148.3

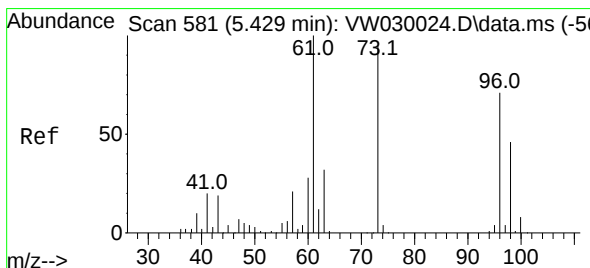
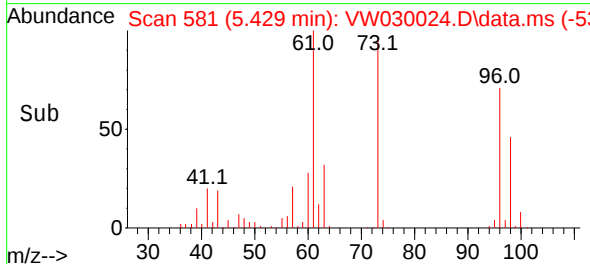
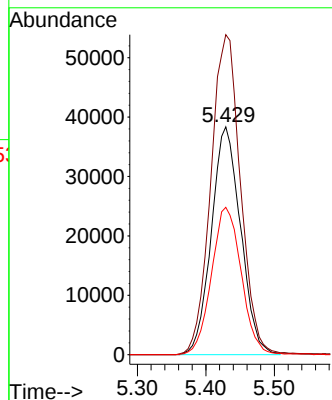
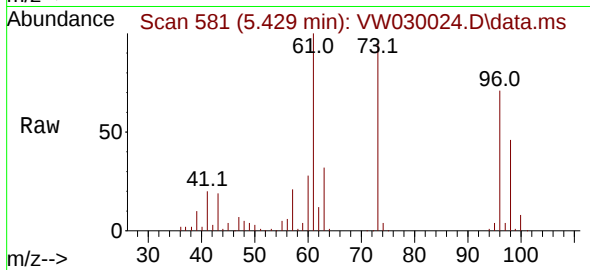




#17
trans-1,2-Dichloroethene
Concen: 25.029 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030024.D
Acq: 26 Aug 2024 12:26

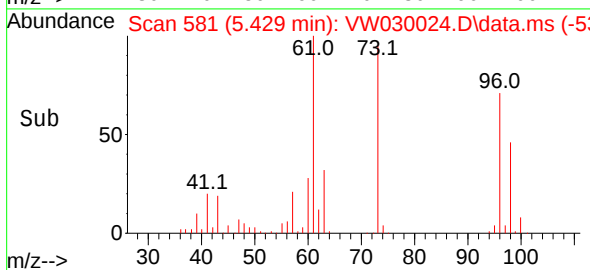
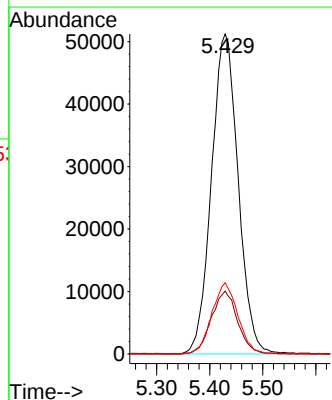
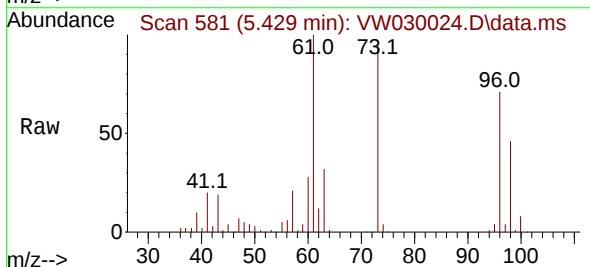
Instrument :
MSVOA_W
ClientSampleId :

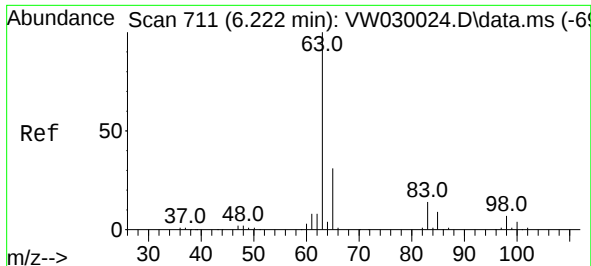
Tgt Ion: 96 Resp: 113607
Ion Ratio Lower Upper
96 100
61 140.5 98.3 182.7
98 64.7 45.3 84.1



#18
Methyl tert-butyl Ether
Concen: 25.794 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030024.D
Acq: 26 Aug 2024 12:26

Tgt Ion: 73 Resp: 179054
Ion Ratio Lower Upper
73 100
43 19.3 15.4 23.2
57 21.7 17.4 26.0





#19

1,1-Dichloroethane

Concen: 25.445 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Instrument :

MSVOA_W

ClientSampleId :

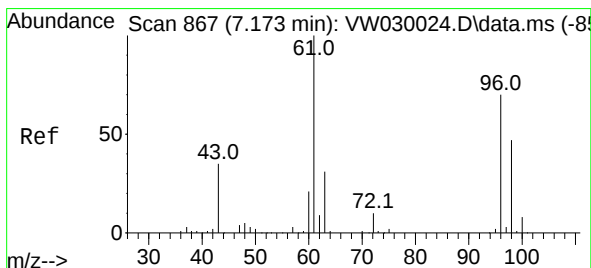
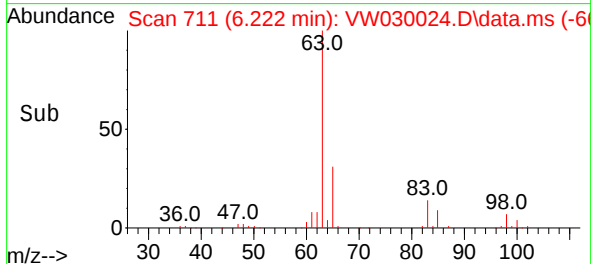
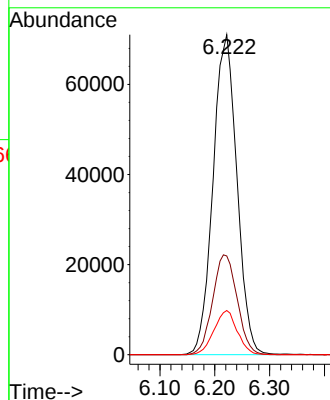
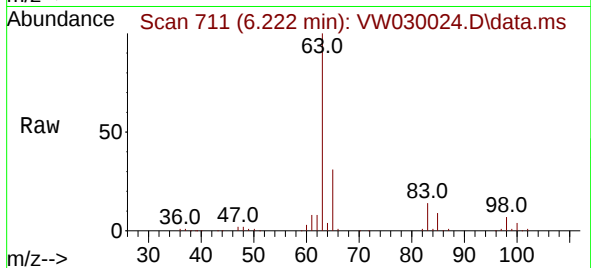
Tgt Ion: 63 Resp: 214618

Ion Ratio Lower Upper

63 100

65 30.8 21.6 40.0

83 13.8 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 25.075 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

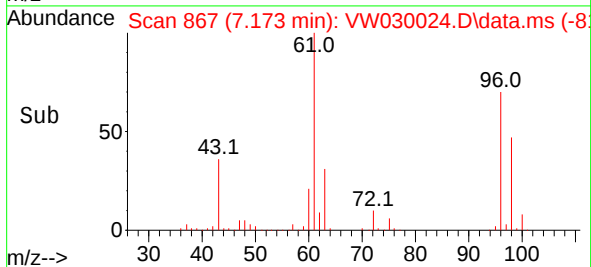
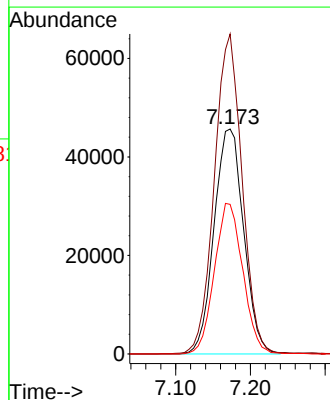
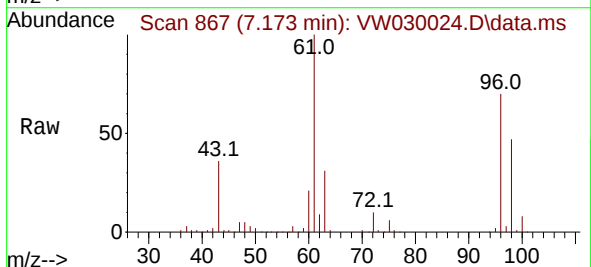
Tgt Ion: 96 Resp: 125796

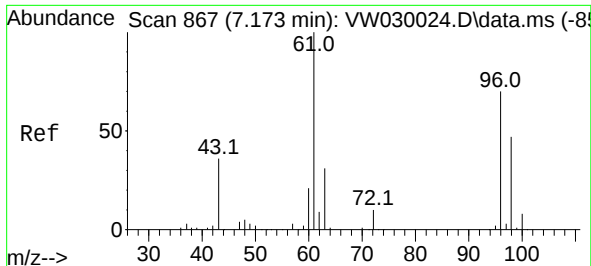
Ion Ratio Lower Upper

96 100

61 142.3 99.6 185.0

98 66.5 46.5 86.5





#22

2-Butanone

Concen: 52.353 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Instrument :

MSVOA_W

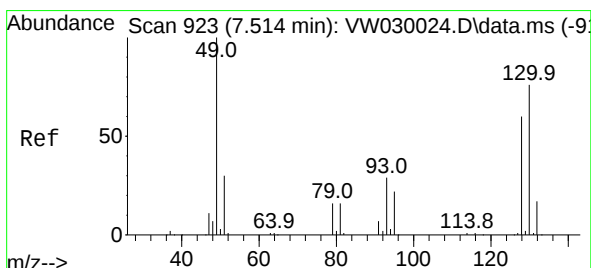
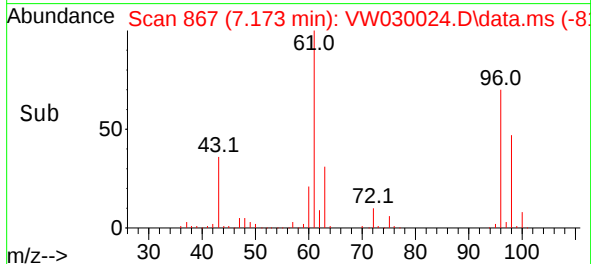
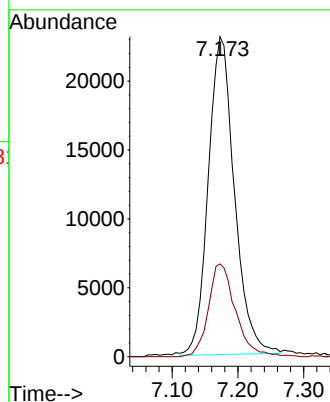
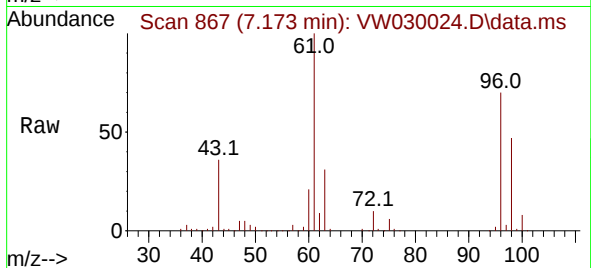
ClientSampleId :

Tgt Ion: 43 Resp: 63881

Ion Ratio Lower Upper

43 100

72 30.1 15.0 45.1



#23

Bromochloromethane

Concen: 25.567 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Tgt Ion: 128 Resp: 54403

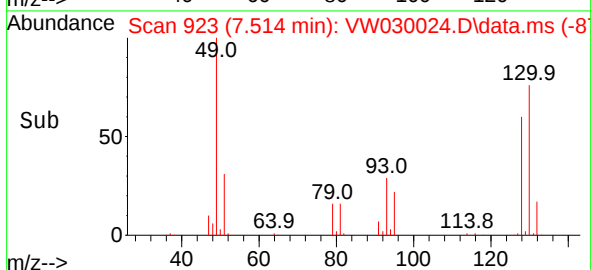
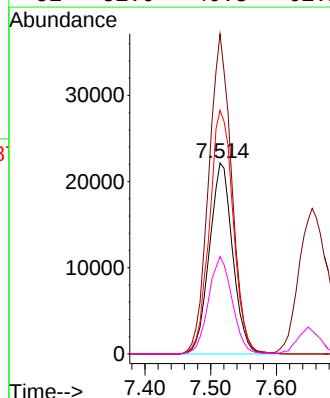
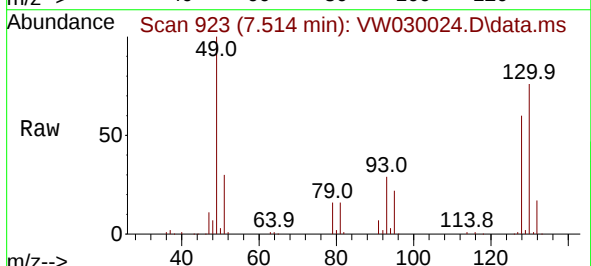
Ion Ratio Lower Upper

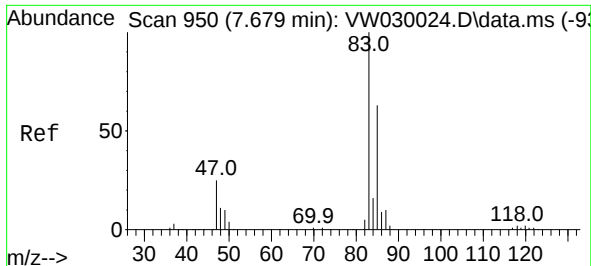
128 100

49 167.6 117.3 217.9

130 127.6 89.3 165.9

51 51.0 40.8 61.2





#25

Chloroform

Concen: 25.393 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Instrument :

MSVOA_W

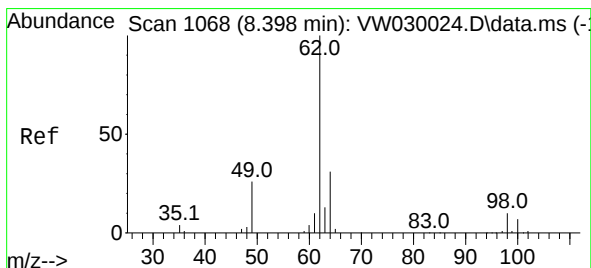
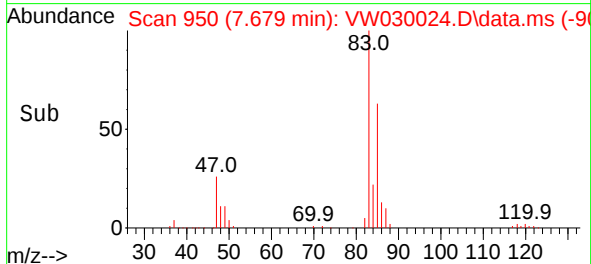
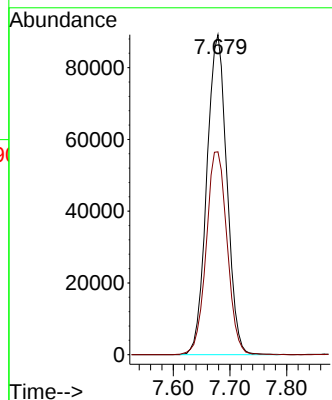
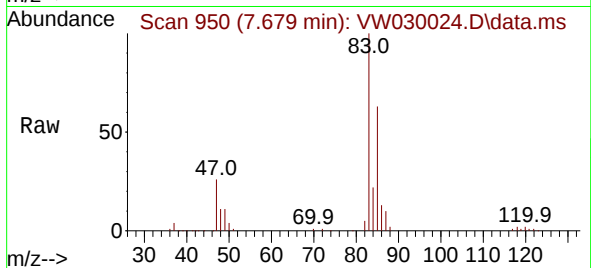
ClientSampleId :

Tgt Ion: 83 Resp: 219079

Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.4



#27

1,2-Dichloroethane

Concen: 25.600 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030024.D

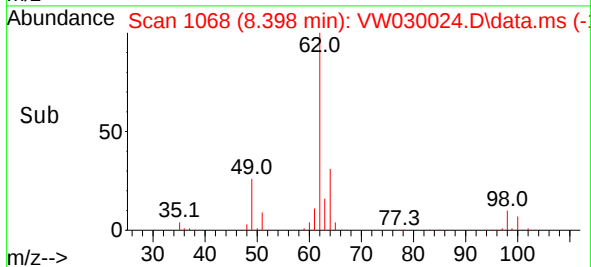
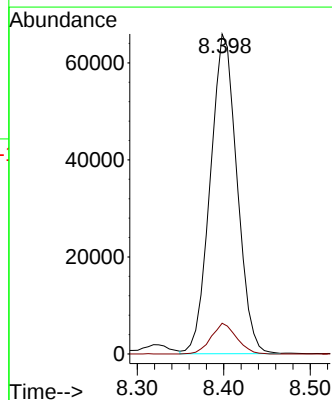
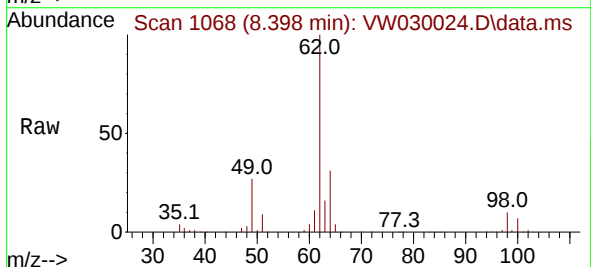
Acq: 26 Aug 2024 12:26

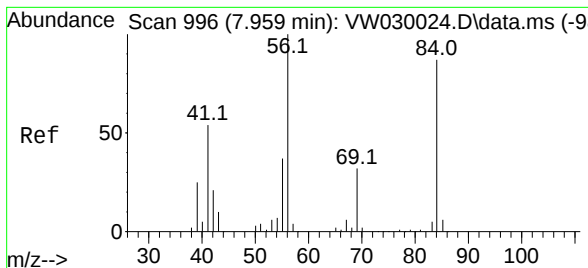
Tgt Ion: 62 Resp: 141380

Ion Ratio Lower Upper

62 100

98 9.6 7.7 11.5





#29

Cyclohexane

Concen: 26.294 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Instrument :

MSVOA_W

ClientSampleId :

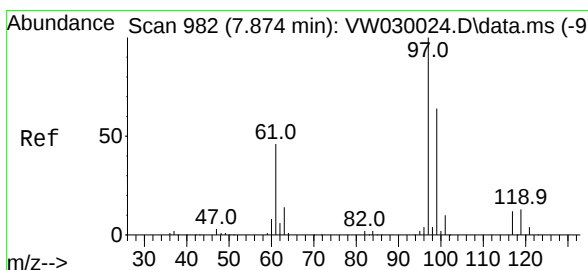
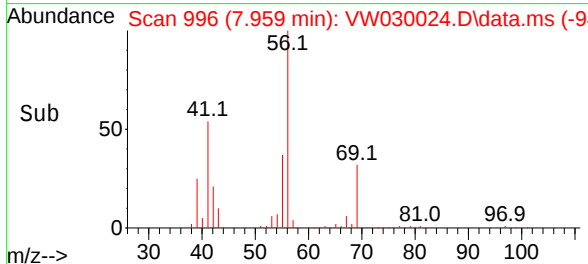
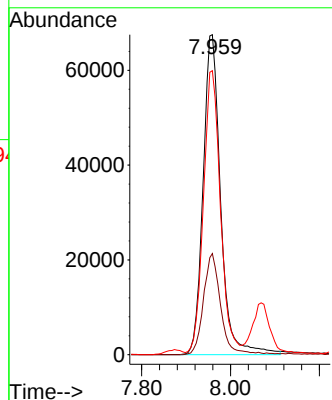
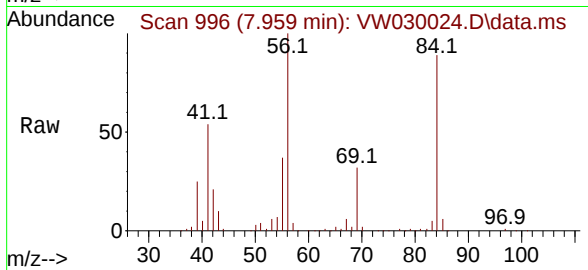
Tgt Ion: 56 Resp: 185836

Ion Ratio Lower Upper

56 100

69 30.5 24.4 36.6

84 85.1 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 25.003 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

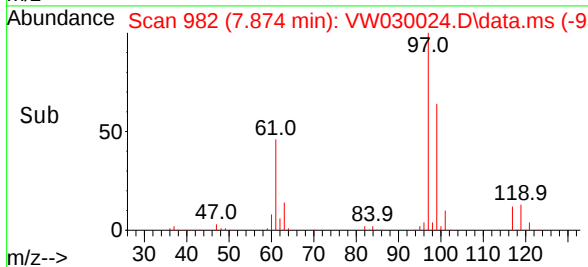
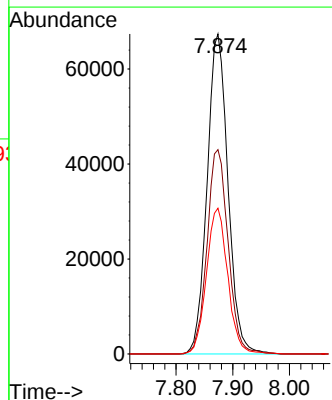
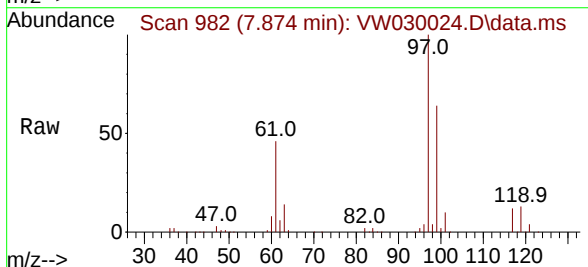
Tgt Ion: 97 Resp: 172487

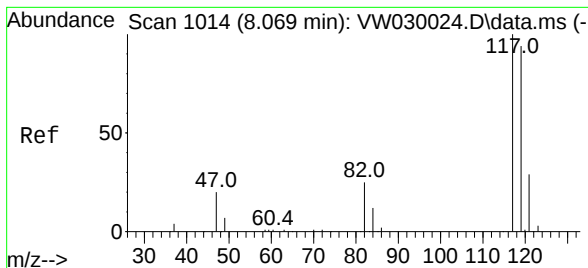
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 46.5 37.2 55.8





#31

Carbon tetrachloride

Concen: 25.044 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Instrument :

MSVOA_W

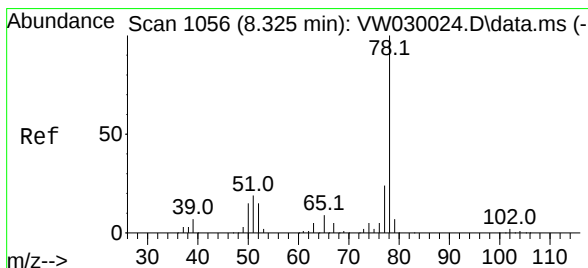
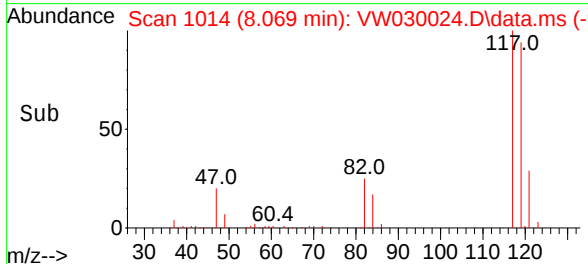
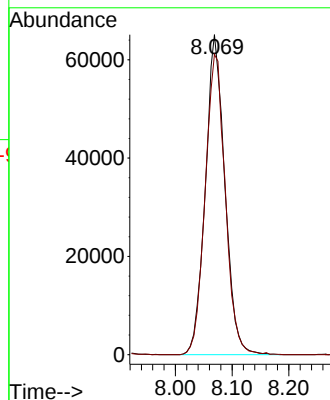
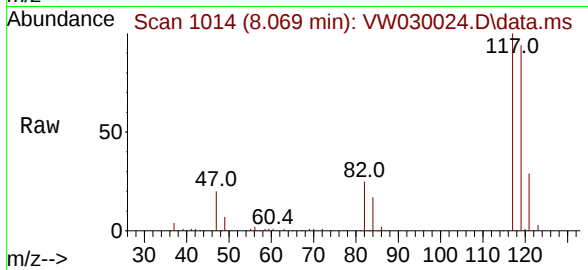
ClientSampleId :

Tgt Ion:117 Resp: 155222

Ion Ratio Lower Upper

117 100

119 97.1 77.7 116.5



#33

Benzene

Concen: 25.533 ug/L

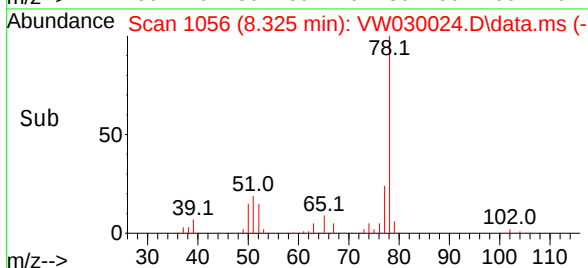
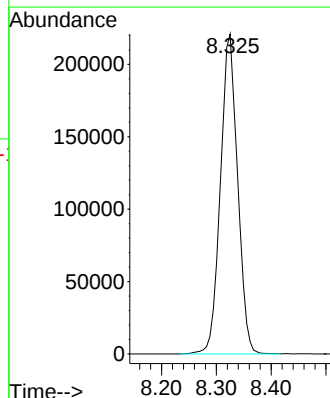
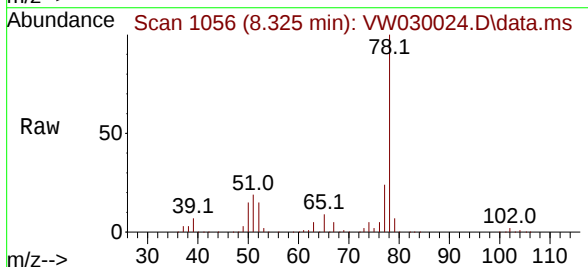
RT: 8.325 min Scan# 1056

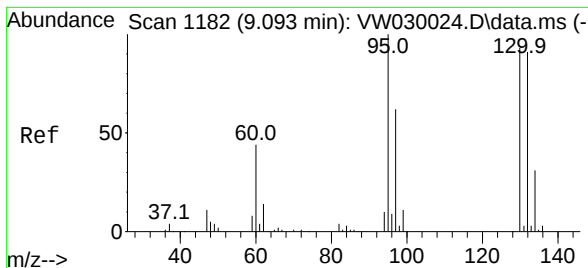
Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Tgt Ion: 78 Resp: 481827





#34

Trichloroethene

Concen: 24.793 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 125987

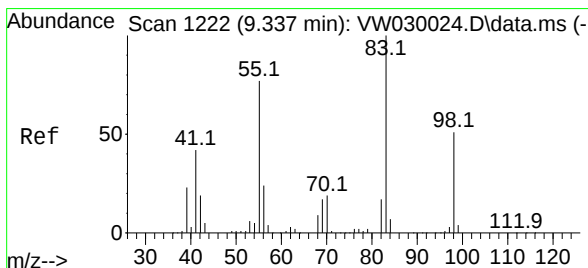
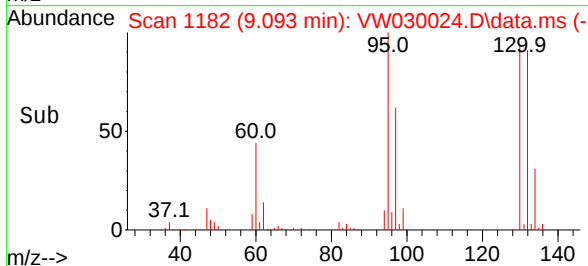
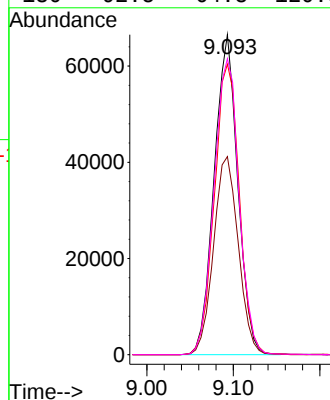
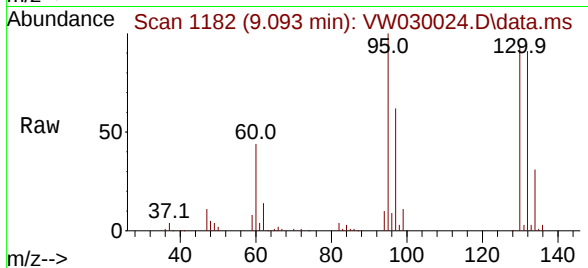
Ion Ratio Lower Upper

95 100

97 61.9 43.3 80.5

132 90.8 63.6 118.0

130 92.5 64.8 120.3



#35

Methylcyclohexane

Concen: 26.077 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

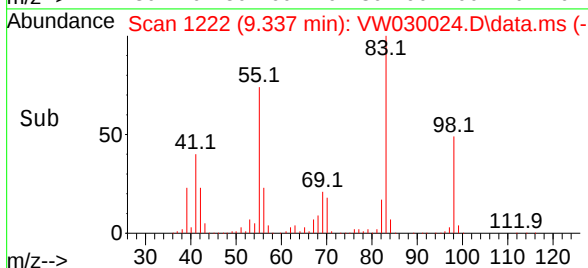
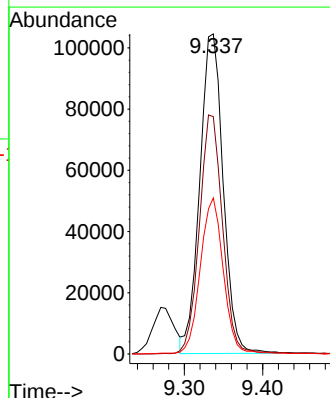
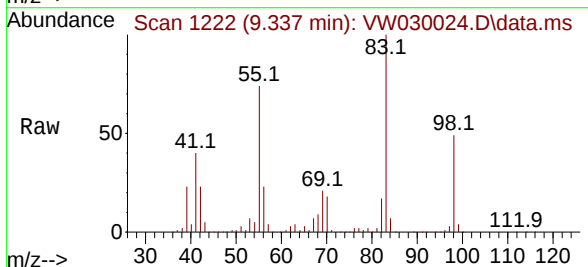
Tgt Ion: 83 Resp: 217023

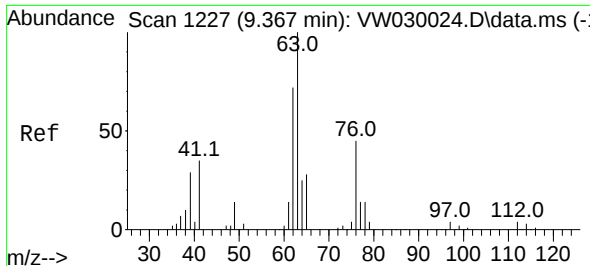
Ion Ratio Lower Upper

83 100

55 73.8 59.0 88.6

98 47.8 38.2 57.4





#37

1,2-Dichloropropane

Concen: 25.415 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Instrument :

MSVOA_W

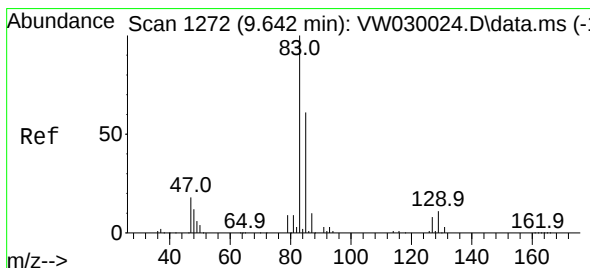
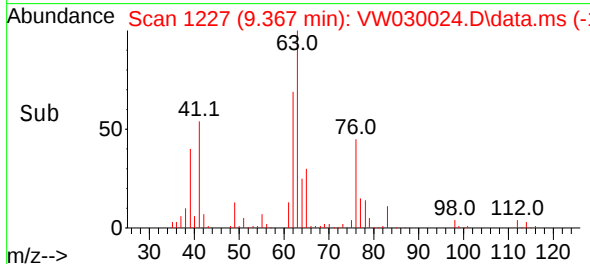
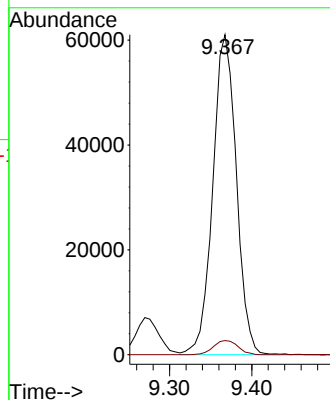
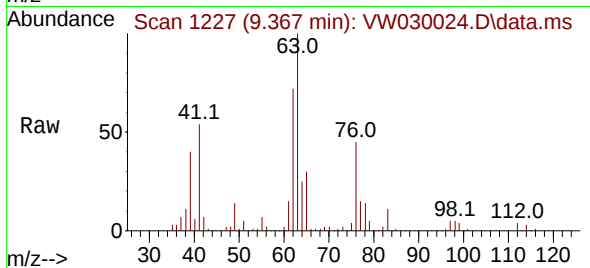
ClientSampleId :

Tgt Ion: 63 Resp: 121450

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 25.578 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

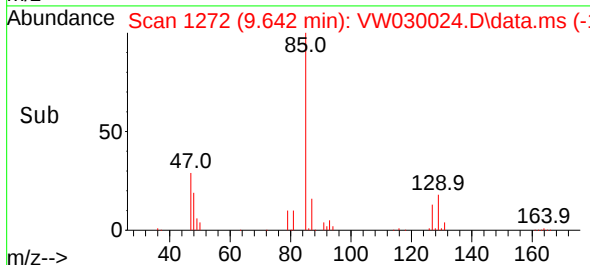
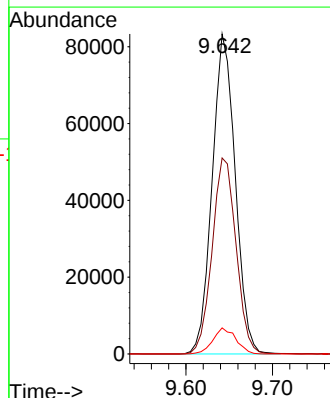
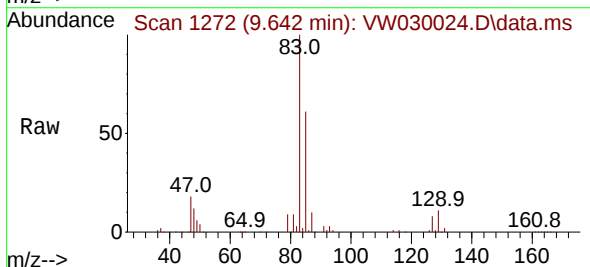
Tgt Ion: 83 Resp: 154222

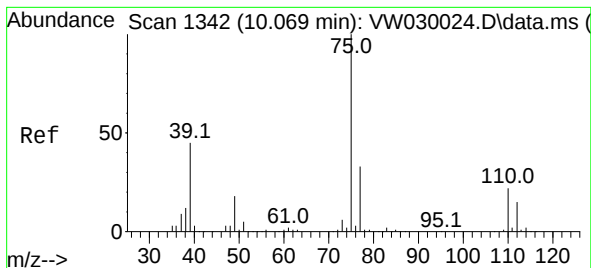
Ion Ratio Lower Upper

83 100

85 61.3 42.9 79.7

127 8.2 6.6 9.8

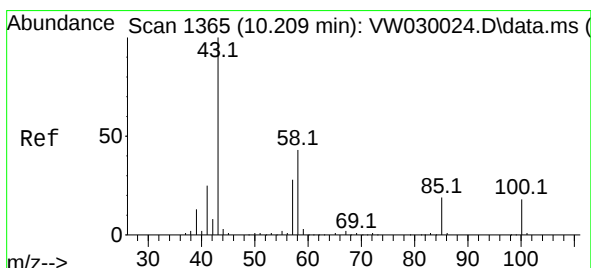
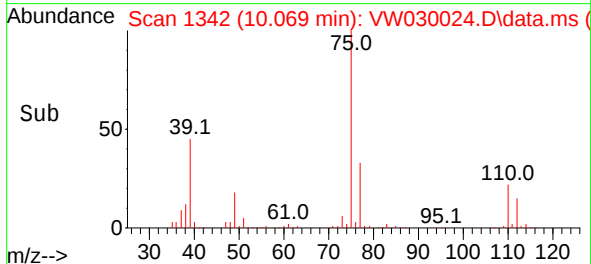
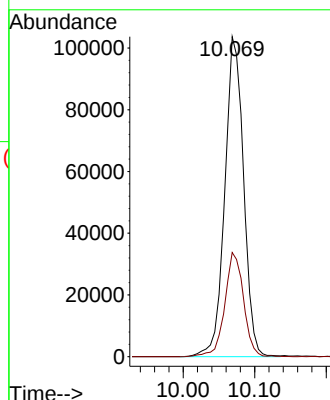
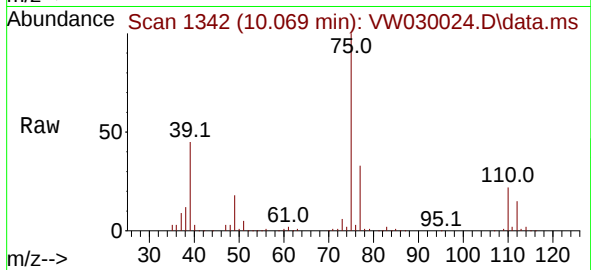




#39
 cis-1,3-Dichloropropene
 Concen: 25.718 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. 0.000 min
 Lab File: VW030024.D
 Acq: 26 Aug 2024 12:26

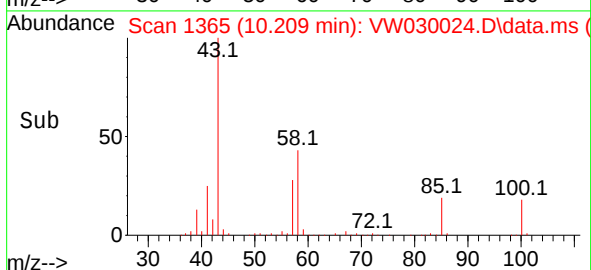
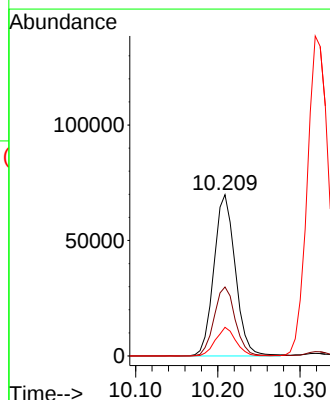
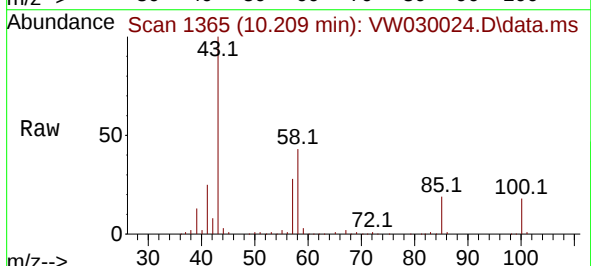
Instrument :
 MSVOA_W
 ClientSampleId :

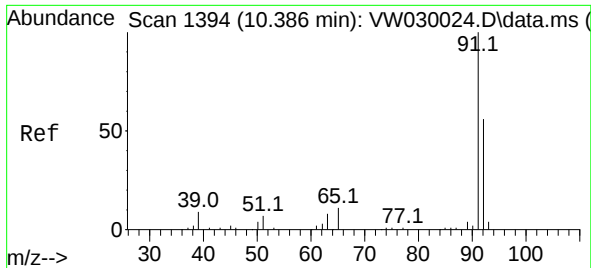
Tgt Ion: 75 Resp: 189156
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 53.240 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW030024.D
 Acq: 26 Aug 2024 12:26

Tgt Ion: 43 Resp: 126644
 Ion Ratio Lower Upper
 43 100
 58 42.5 34.0 51.0
 100 16.9 13.5 20.3





#42

Toluene

Concen: 25.546 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Instrument :

MSVOA_W

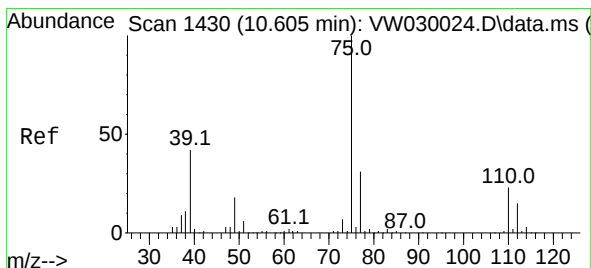
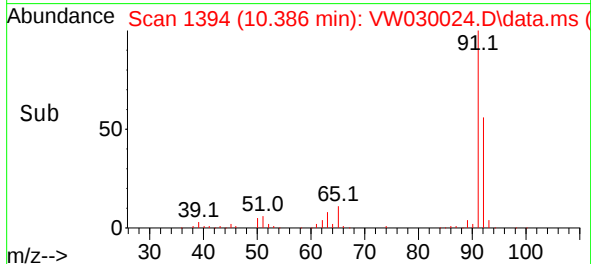
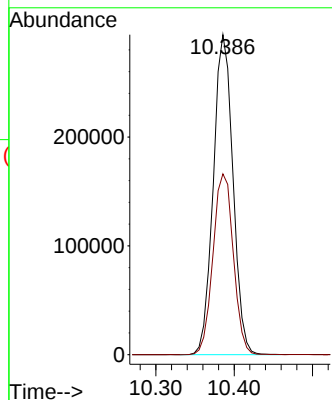
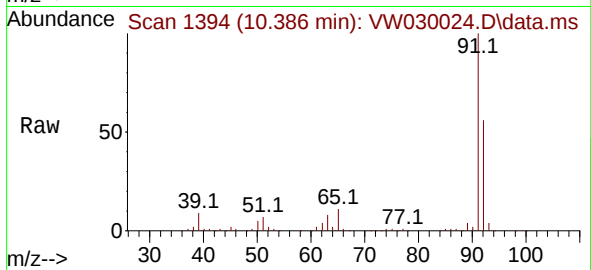
ClientSampleId :

Tgt Ion: 91 Resp: 513378

Ion Ratio Lower Upper

91 100

92 56.5 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 26.060 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030024.D

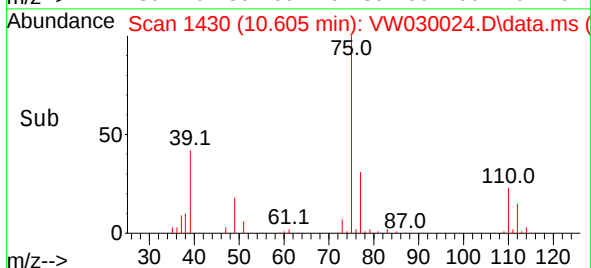
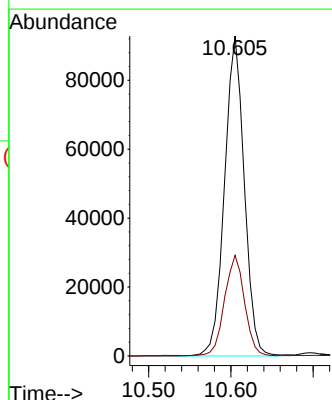
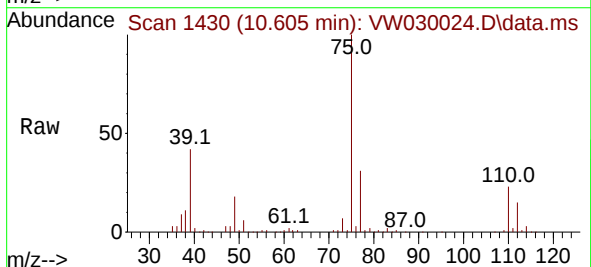
Acq: 26 Aug 2024 12:26

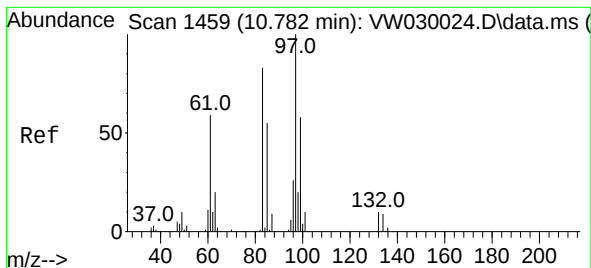
Tgt Ion: 75 Resp: 155099

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 25.496 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 89301

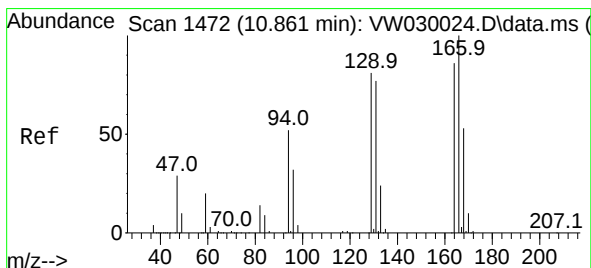
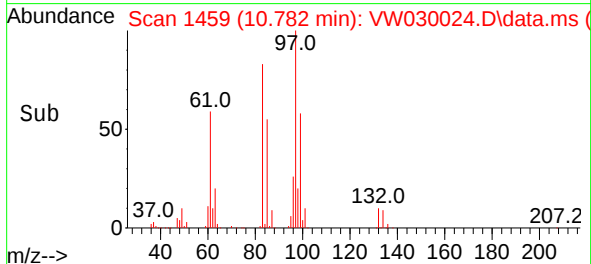
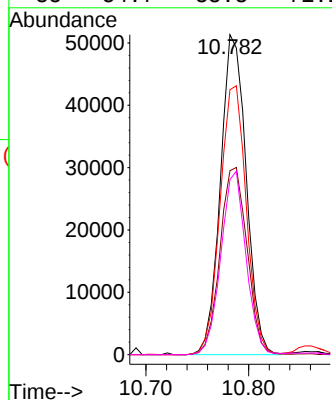
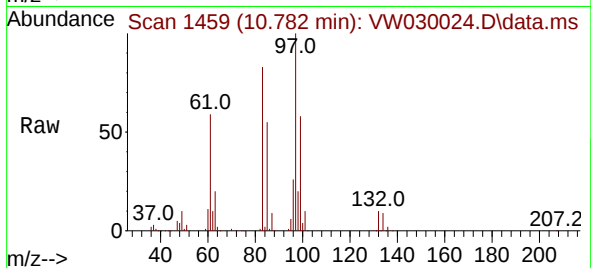
Ion Ratio Lower Upper

97 100

99 57.5 40.3 74.8

83 82.8 58.0 107.6

85 54.7 38.3 71.1



#46

Tetrachloroethene

Concen: 25.124 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Tgt Ion:164 Resp: 96898

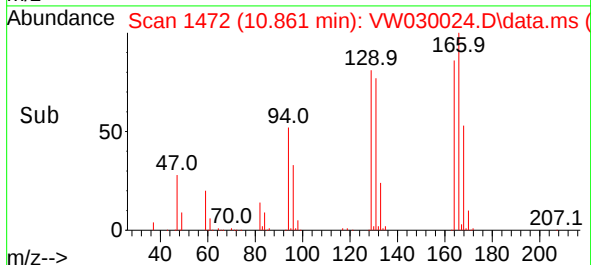
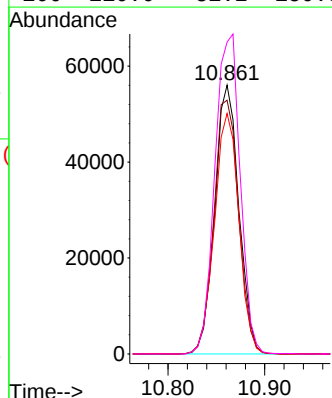
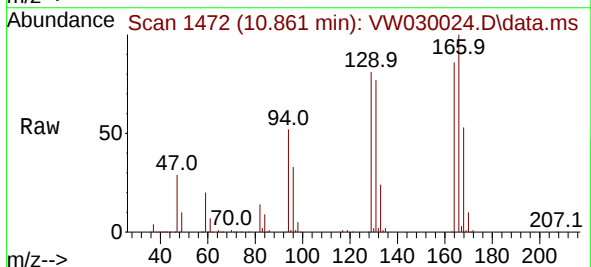
Ion Ratio Lower Upper

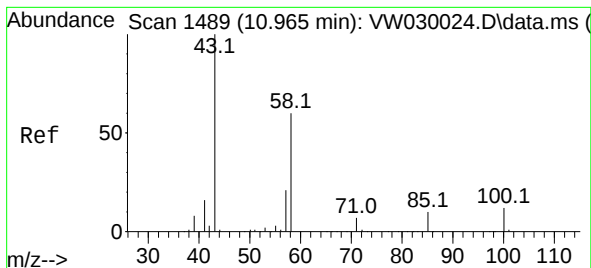
164 100

129 94.4 66.1 122.7

131 89.4 62.6 116.2

166 116.0 81.2 150.8





#48

2-Hexanone

Concen: 52.209 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

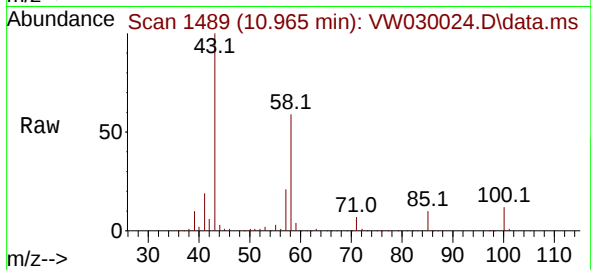
Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 88288

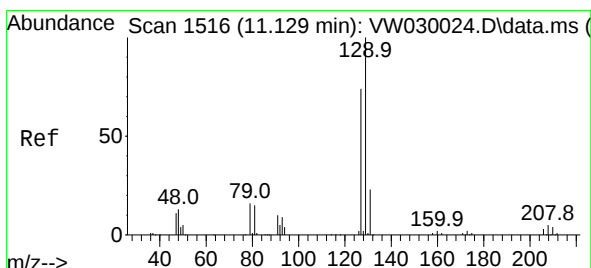
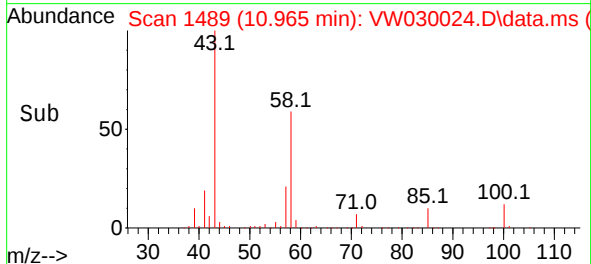
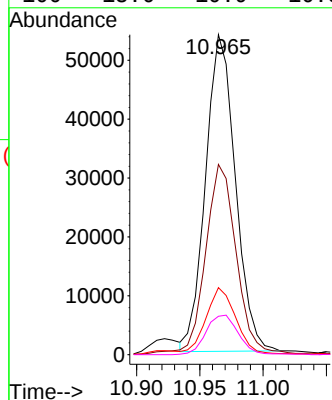
Ion Ratio Lower Upper

43 100

58 62.5 50.0 75.0

57 21.6 17.3 25.9

100 13.6 10.9 16.3



#49

Dibromochloromethane

Concen: 26.110 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW030024.D

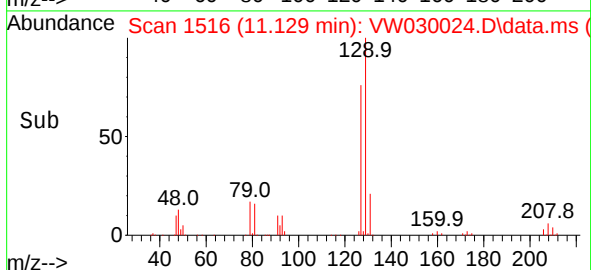
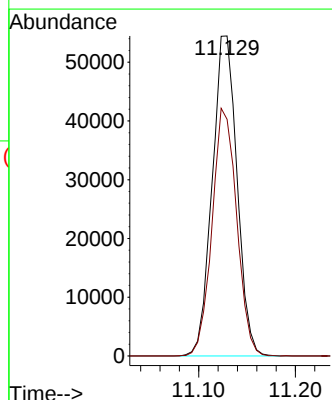
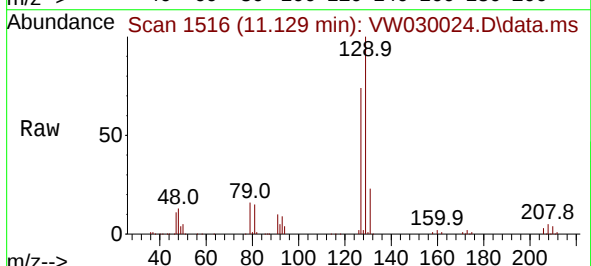
Acq: 26 Aug 2024 12:26

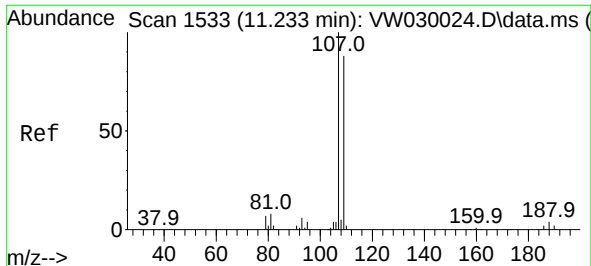
Tgt Ion:129 Resp: 97169

Ion Ratio Lower Upper

129 100

127 74.0 51.8 96.2





#50

1,2-Dibromoethane

Concen: 25.659 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030024.D

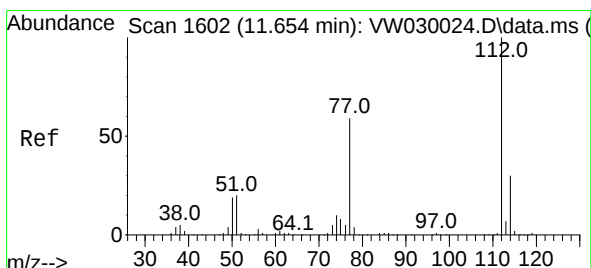
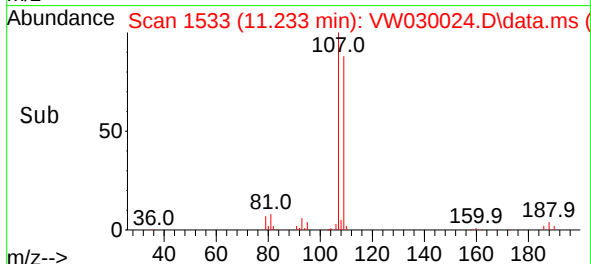
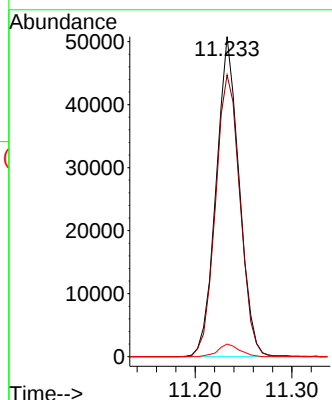
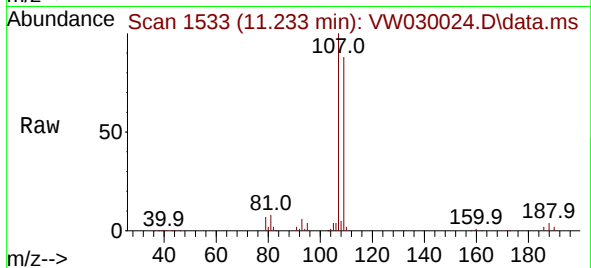
Acq: 26 Aug 2024 12:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	83950
Ion Ratio	Lower	Upper	
107	100		
109	88.1	61.7	114.5
188	3.9	3.1	4.7



#51

Chlorobenzene

Concen: 24.711 ug/L

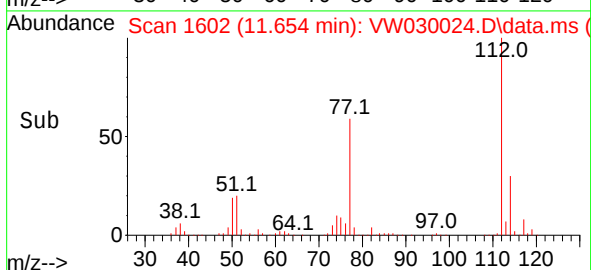
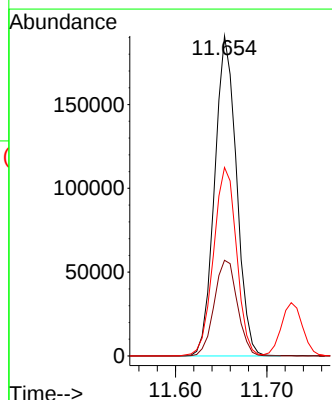
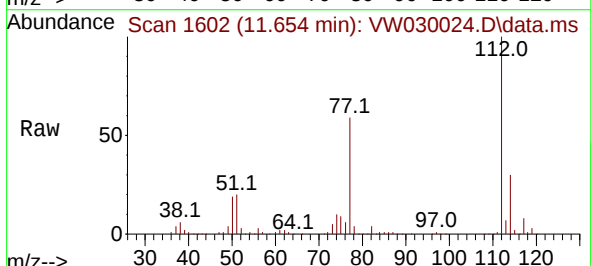
RT: 11.654 min Scan# 1602

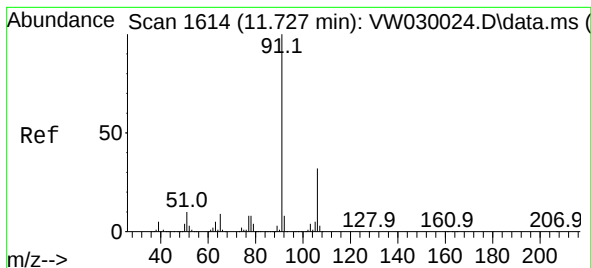
Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Tgt Ion:	112	Resp:	317524
Ion Ratio	Lower	Upper	
112	100		
114	29.9	20.9	38.9
77	58.9	47.1	70.7

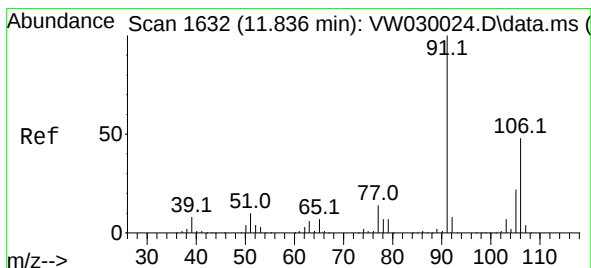
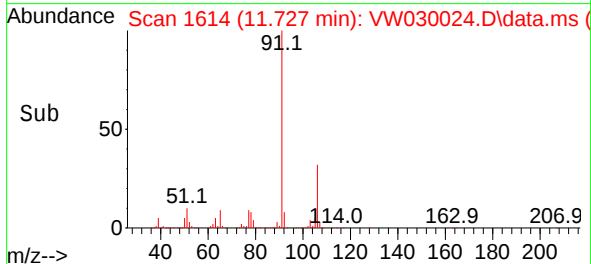
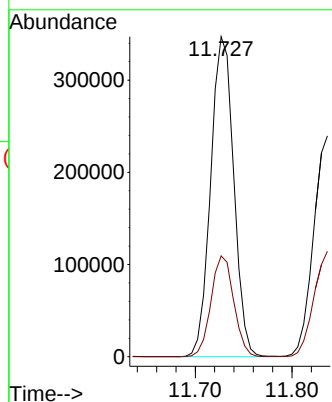
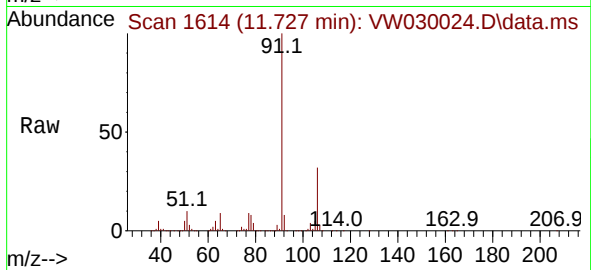




#52
Ethylbenzene
Concen: 25.257 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030024.D
Acq: 26 Aug 2024 12:26

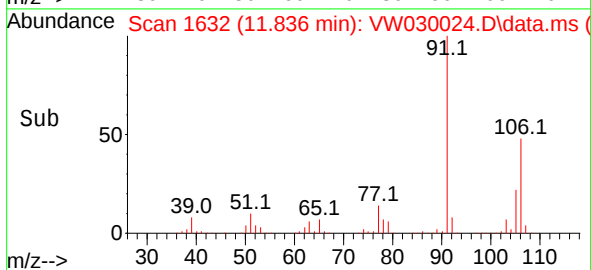
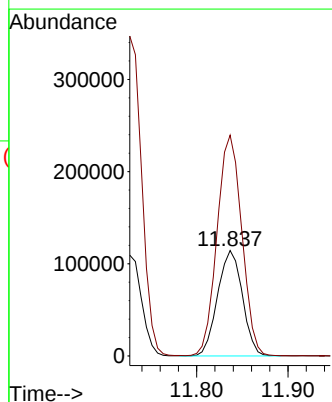
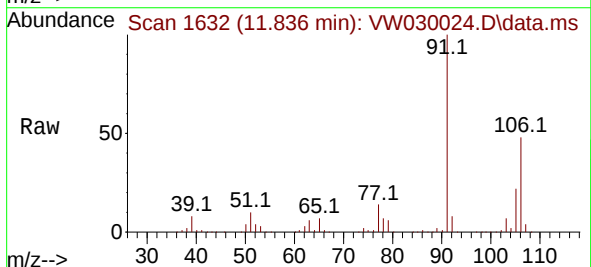
Instrument :
MSVOA_W
ClientSampleId :

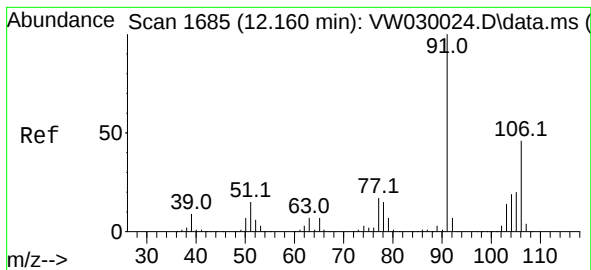
Tgt Ion: 91 Resp: 575123
Ion Ratio Lower Upper
91 100
106 31.5 22.0 41.0



#53
m,p-Xylene
Concen: 25.434 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030024.D
Acq: 26 Aug 2024 12:26

Tgt Ion:106 Resp: 216133
Ion Ratio Lower Upper
106 100
91 209.5 146.7 272.4





#54

o-Xylene

Concen: 25.777 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Instrument :

MSVOA_W

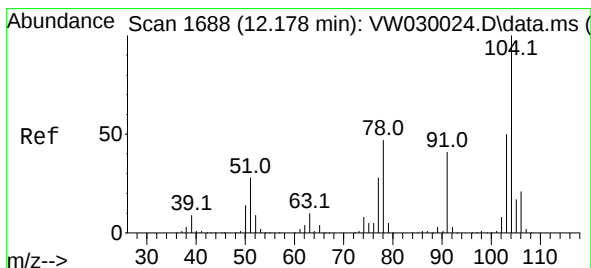
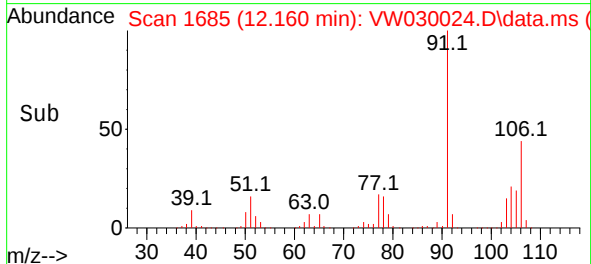
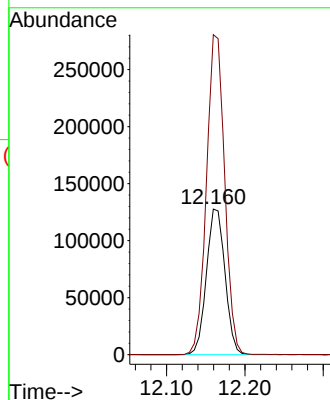
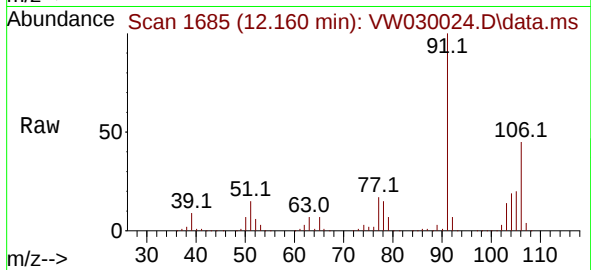
ClientSampleId :

Tgt Ion:106 Resp: 210239

Ion Ratio Lower Upper

106 100

91 219.8 153.9 285.7



#55

Styrene

Concen: 25.967 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030024.D

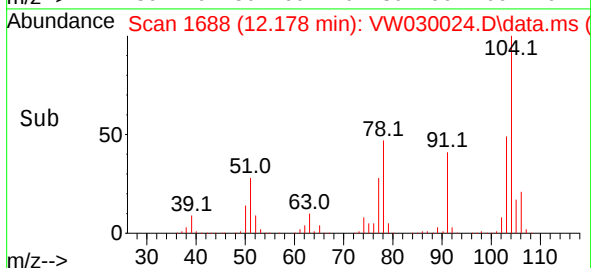
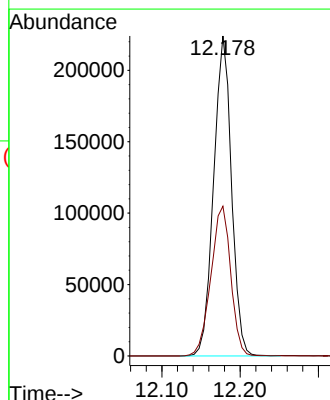
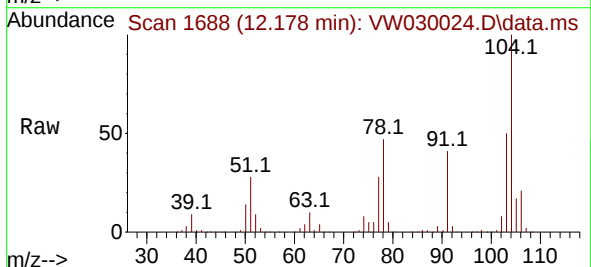
Acq: 26 Aug 2024 12:26

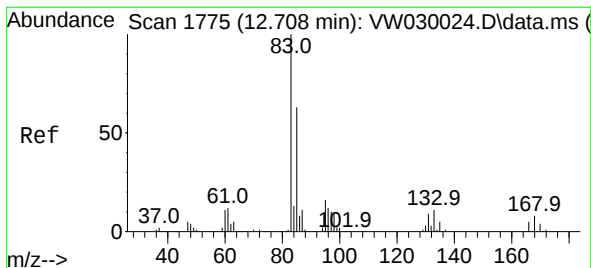
Tgt Ion:104 Resp: 354849

Ion Ratio Lower Upper

104 100

78 46.8 32.8 60.8

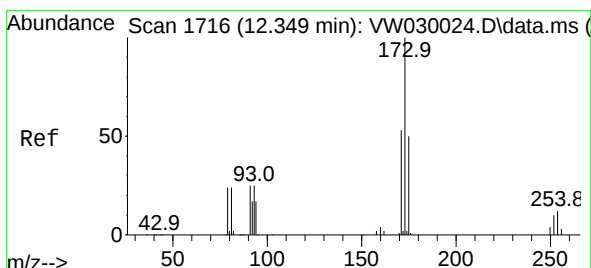
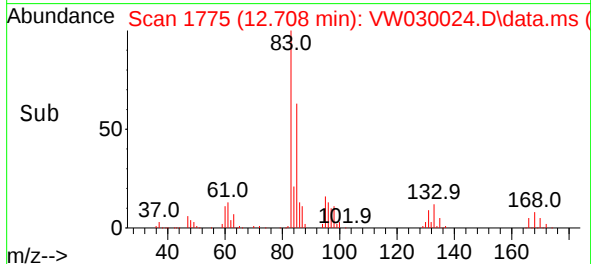
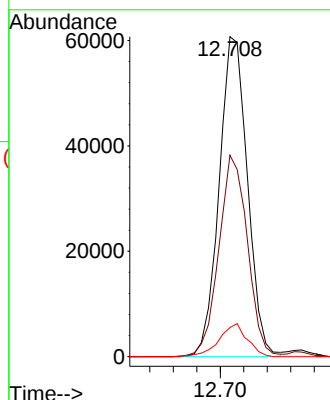
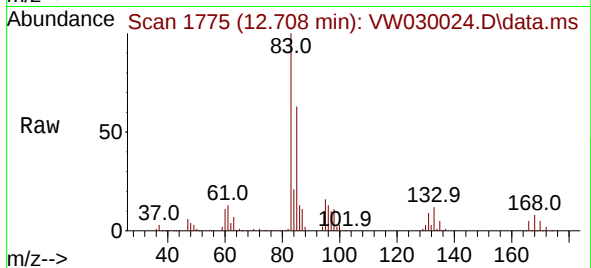




#57
1,1,2,2-Tetrachloroethane
Concen: 25.769 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030024.D
Acq: 26 Aug 2024 12:26

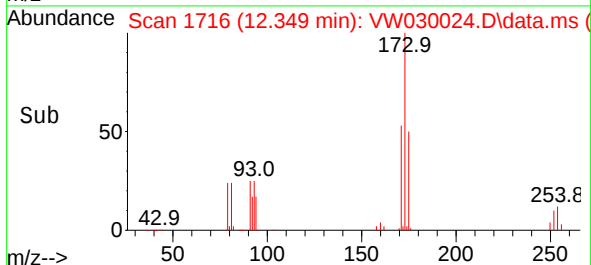
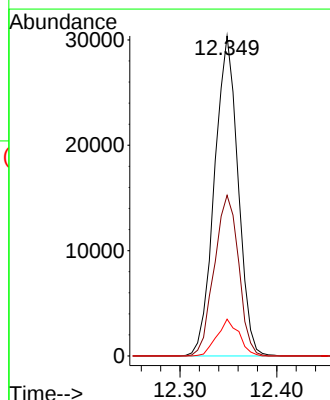
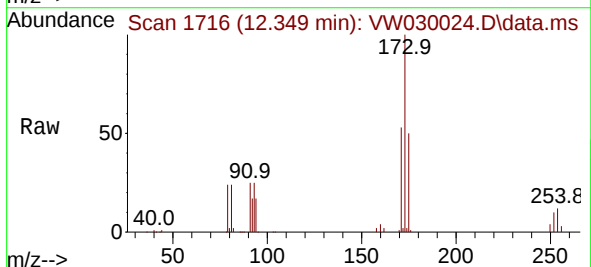
Instrument :
MSVOA_W
ClientSampleId :

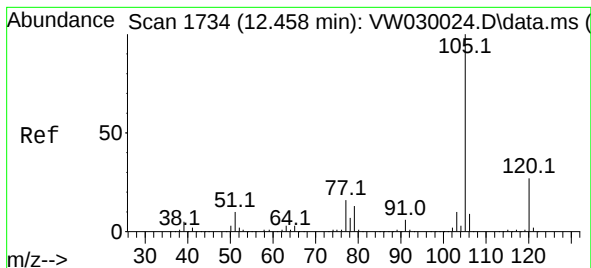
Tgt Ion: 83 Resp: 101637
Ion Ratio Lower Upper
83 100
85 62.9 44.0 81.8
131 9.1 7.3 10.9



#59
Bromoform
Concen: 26.468 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030024.D
Acq: 26 Aug 2024 12:26

Tgt Ion:173 Resp: 51301
Ion Ratio Lower Upper
173 100
175 51.8 41.4 62.2
254 10.8 8.6 13.0





#60

Isopropylbenzene

Concen: 27.792 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Instrument :

MSVOA_W

ClientSampleId :

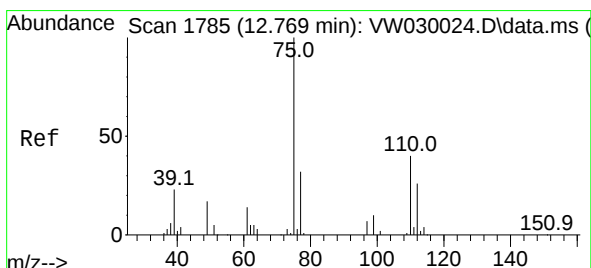
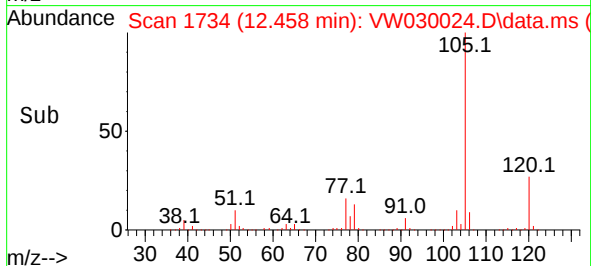
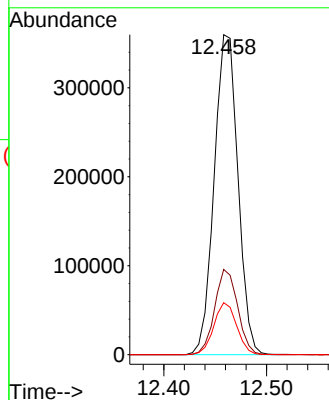
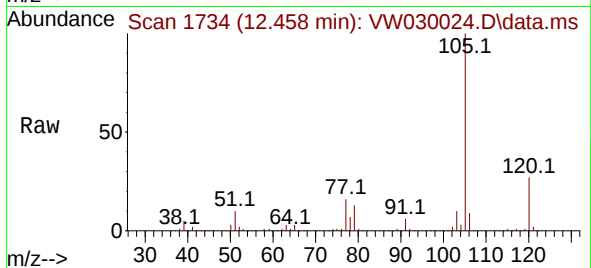
Tgt Ion:105 Resp: 577103

Ion Ratio Lower Upper

105 100

120 25.7 20.6 30.8

77 15.7 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 27.470 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

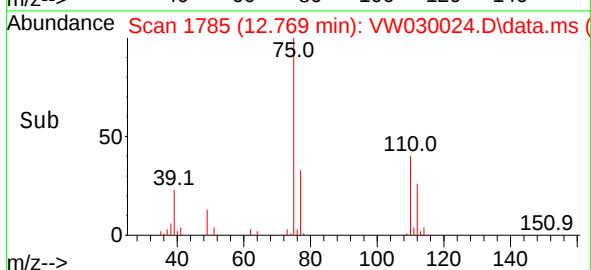
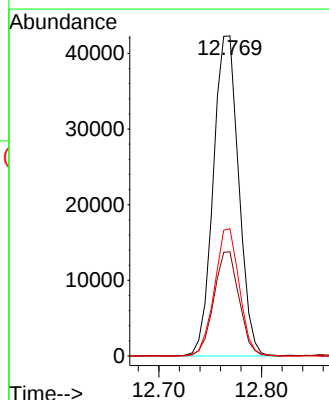
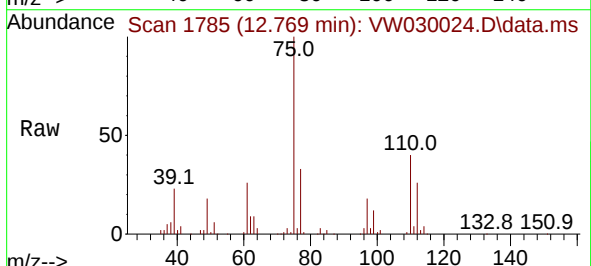
Tgt Ion: 75 Resp: 72700

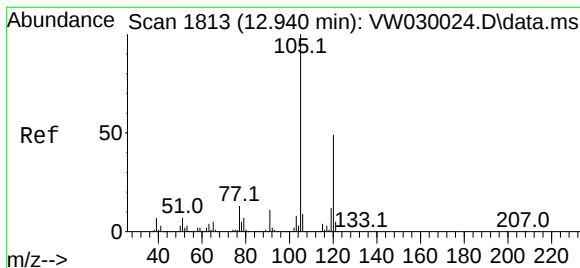
Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0

110 38.7 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 29.808 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Instrument :

MSVOA_W

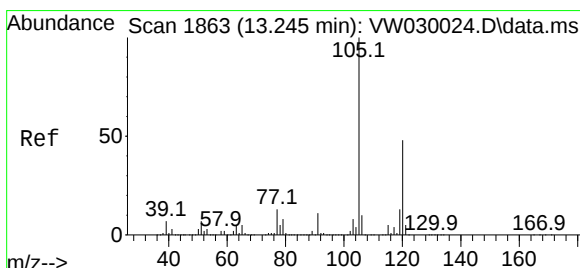
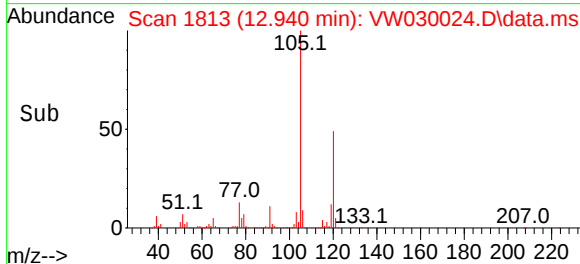
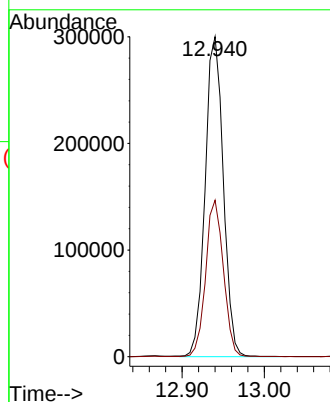
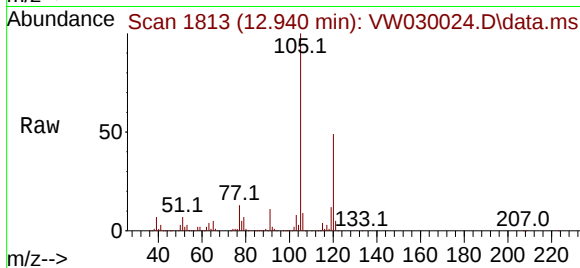
ClientSampleId :

Tgt Ion:105 Resp: 460228

Ion Ratio Lower Upper

105 100

120 47.9 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 27.483 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030024.D

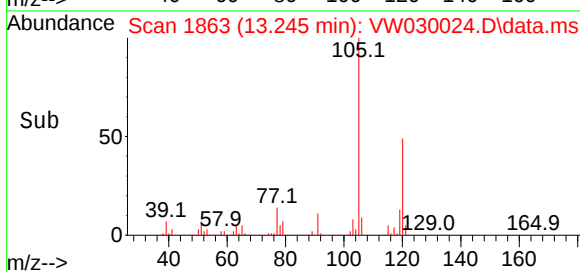
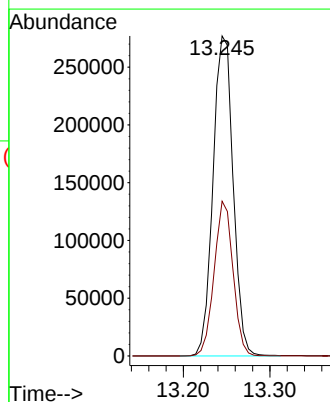
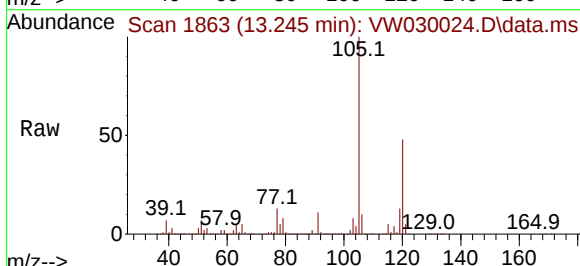
Acq: 26 Aug 2024 12:26

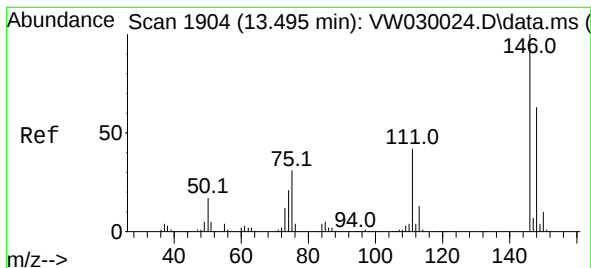
Tgt Ion:105 Resp: 447269

Ion Ratio Lower Upper

105 100

120 45.4 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 26.419 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Instrument :

MSVOA_W

ClientSampleId :

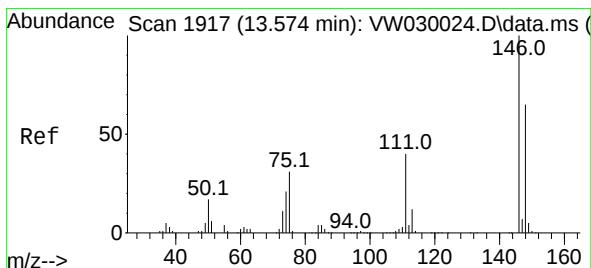
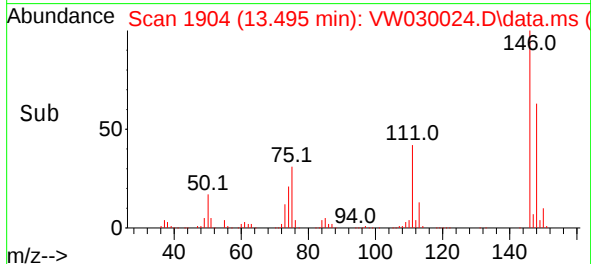
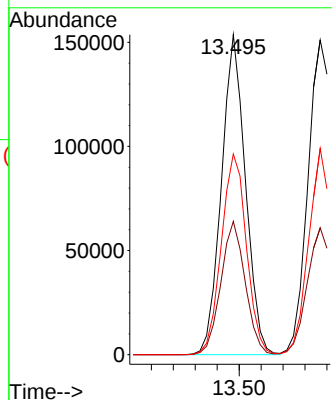
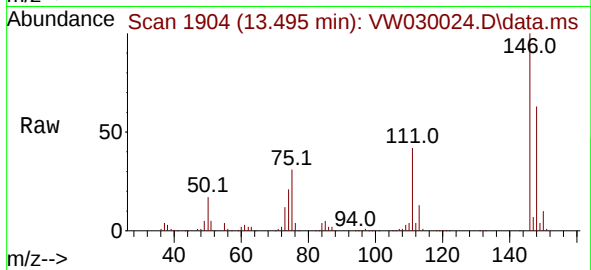
Tgt Ion:146 Resp: 233869

Ion Ratio Lower Upper

146 100

111 41.6 29.1 54.1

148 62.7 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 27.241 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

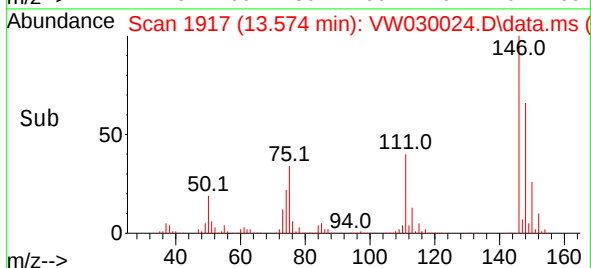
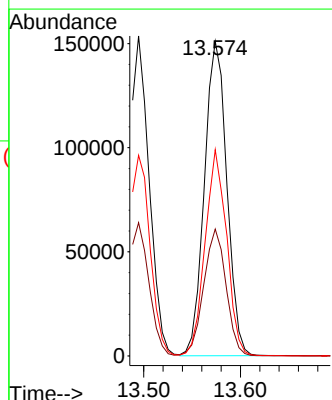
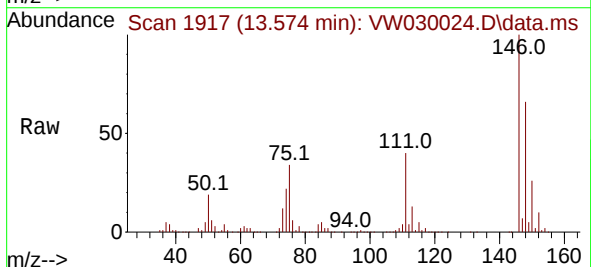
Tgt Ion:146 Resp: 243612

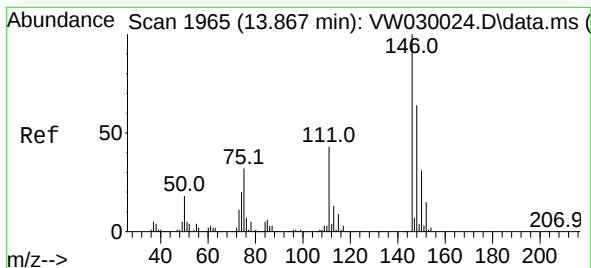
Ion Ratio Lower Upper

146 100

111 40.3 28.2 52.4

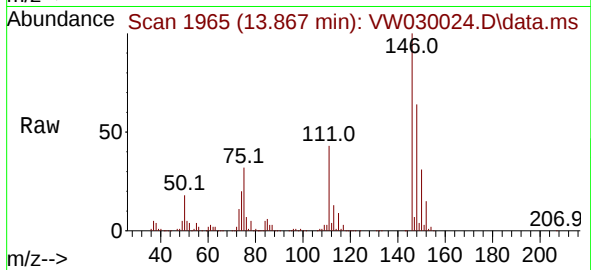
148 65.5 45.8 85.2



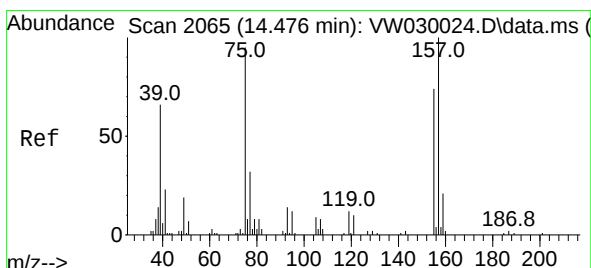
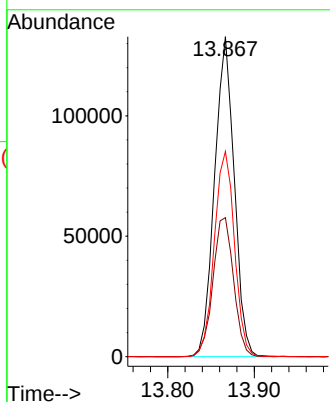
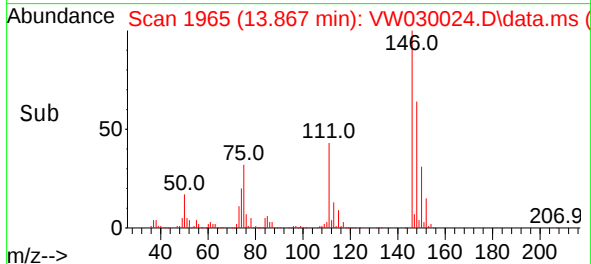


#67
1,2-Dichlorobenzene
Concen: 26.544 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030024.D
Acq: 26 Aug 2024 12:26

Instrument :
MSVOA_W
ClientSampleId :

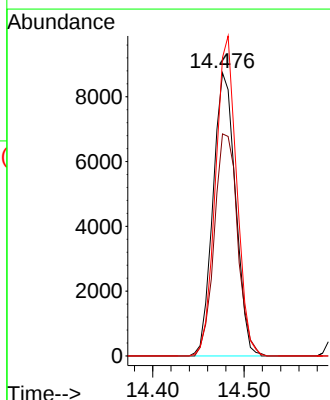
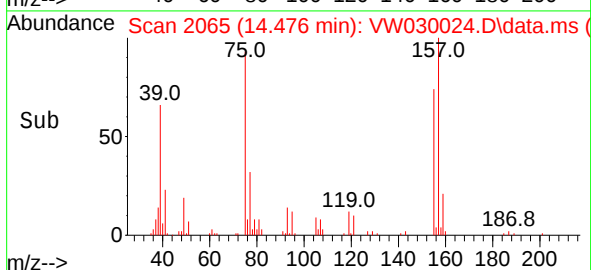
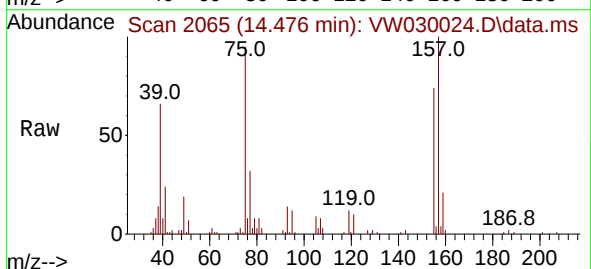


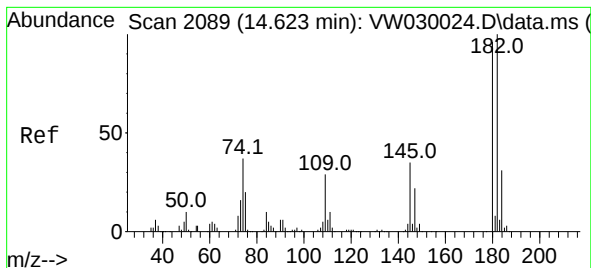
Tgt Ion:146 Resp: 210198
Ion Ratio Lower Upper
146 100
111 43.4 34.7 52.1
148 64.2 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 26.395 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030024.D
Acq: 26 Aug 2024 12:26

Tgt Ion: 75 Resp: 14953
Ion Ratio Lower Upper
75 100
155 78.5 62.8 94.2
157 105.4 84.3 126.5





#69

1,3,5-Trichlorobenzene

Concen: 25.525 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

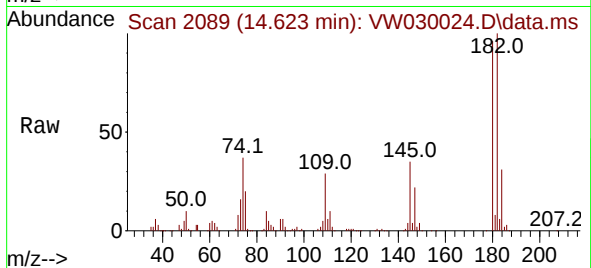
Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 147520

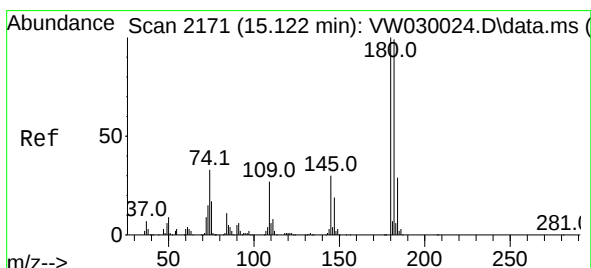
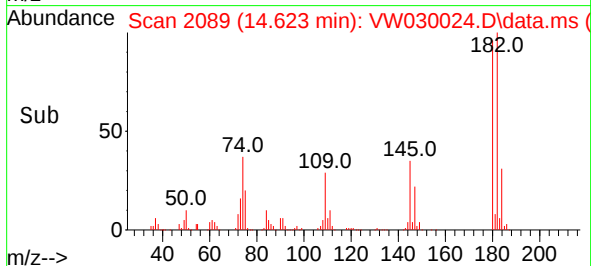
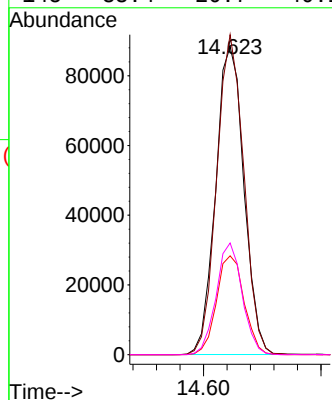
Ion Ratio Lower Upper

180 100

182 99.6 79.7 119.5

184 31.4 25.1 37.7

145 33.4 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 27.160 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

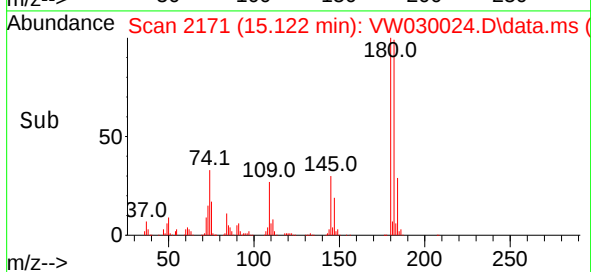
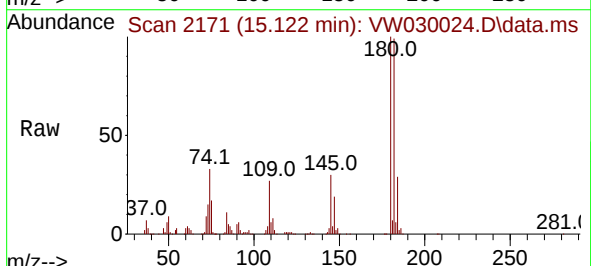
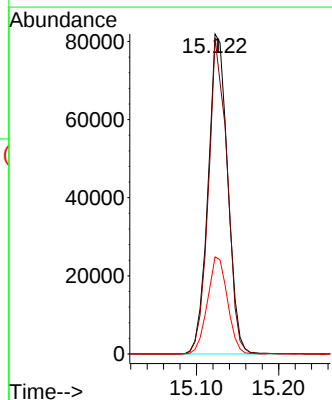
Tgt Ion:180 Resp: 135858

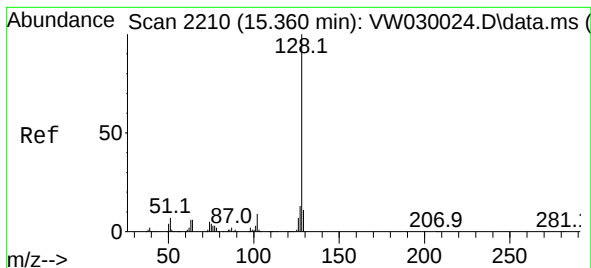
Ion Ratio Lower Upper

180 100

182 94.1 75.3 112.9

145 30.9 24.7 37.1





#71

Naphthalene

Concen: 28.192 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Instrument :

MSVOA_W

ClientSampleId :

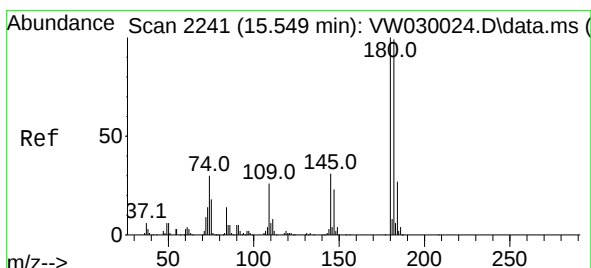
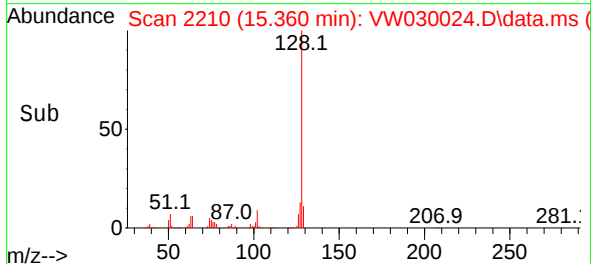
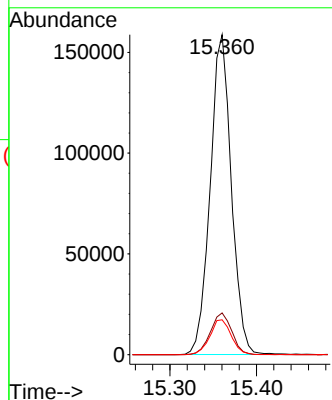
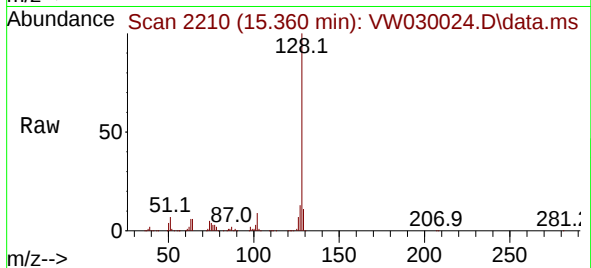
Tgt Ion:128 Resp: 269286

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 26.801 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030024.D

Acq: 26 Aug 2024 12:26

Tgt Ion:180 Resp: 117676

Ion Ratio Lower Upper

180 100

182 96.5 77.2 115.8

145 33.1 26.5 39.7

