

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082624\
 Data File : VW030025.D
 Acq On : 26 Aug 2024 12:50
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 27 05:15:32 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	327693	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	298867	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	140183	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	218879	44.884	ug/L	0.00
7) Chloroethane-d5	2.899	69	159265	46.017	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	95590	45.881	ug/L	0.00
21) 2-Butanone-d5	7.081	46	97013	99.818	ug/L	0.00
24) Chloroform-d	7.648	84	425440	48.143	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	217104	48.383	ug/L	0.00
32) Benzene-d6	8.276	84	839887	47.609	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	252051	48.767	ug/L	0.00
41) Toluene-d8	10.324	98	794091	49.455	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	109420	51.466	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	85764	108.420	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	193152	50.757	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	247970	48.905	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	193688	54.403	ug/L	95
3) Chloromethane	2.228	50	234801	53.591	ug/L	93
5) Vinyl chloride	2.375	62	265872	51.340	ug/L	96
6) Bromomethane	2.789	94	168960	52.501	ug/L	98
8) Chloroethane	2.936	64	154486	51.769	ug/L	99
9) Trichlorofluoromethane	3.265	101	245302	54.700	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	217885	52.690	ug/L	96
12) 1,1-Dichloroethene	4.045	96	219278	52.281	ug/L	90
13) Acetone	4.143	43	93035	105.218	ug/L	98
14) Carbon disulfide	4.393	76	707620	54.305	ug/L	97
15) Methyl Acetate	4.679	43	94349	54.830	ug/L	100
16) Methylene chloride	4.917	84	237569	43.886	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	247092	53.191	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	388556	54.694	ug/L	100
19) 1,1-Dichloroethane	6.221	63	452144	52.379	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	271495	52.879	ug/L	87
22) 2-Butanone	7.173	43	133182	106.651	ug/L	99
23) Bromochloromethane	7.514	128	114477	52.568	ug/L	98
25) Chloroform	7.672	83	458613	51.941	ug/L	100
27) 1,2-Dichloroethane	8.404	62	297269	52.597	ug/L	100
29) Cyclohexane	7.953	56	391507	54.593	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	369500	52.785	ug/L	98
31) Carbon tetrachloride	8.069	117	331210	52.665	ug/L	98
33) Benzene	8.325	78	986041	51.495	ug/L	100
34) Trichloroethene	9.093	95	270699	52.500	ug/L	95
35) Methylcyclohexane	9.331	83	448212	53.076	ug/L	99
37) 1,2-Dichloropropane	9.367	63	254885	52.565	ug/L	100
38) Bromodichloromethane	9.642	83	327754	53.571	ug/L	95
39) cis-1,3-Dichloropropene	10.068	75	411492	55.136	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	273802	113.437	ug/L	99
42) Toluene	10.385	91	1078482	52.888	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	338035	55.974	ug/L	98

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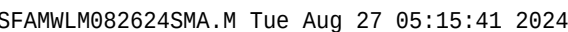
Quant Time: Aug 27 05:15:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 27 05:12:50 2024
 Response via : Initial Calibration

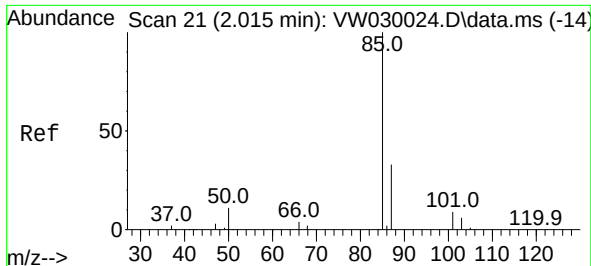
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.782	97	187720	52.819	ug/L	96
46) Tetrachloroethene	10.861	164	197674	50.512	ug/L	91
48) 2-Hexanone	10.965	43	194847	113.554	ug/L	96
49) Dibromochloromethane	11.129	129	207362	54.912	ug/L	99
50) 1,2-Dibromoethane	11.233	107	181113	54.555	ug/L	97
51) Chlorobenzene	11.653	112	680327	52.178	ug/L	96
52) Ethylbenzene	11.727	91	1237256	53.549	ug/L	98
53) m,p-Xylene	11.836	106	457076	53.009	ug/L	98
54) o-Xylene	12.159	106	442307	53.445	ug/L	95
55) Styrene	12.178	104	746423	53.830	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	216462	54.086	ug/L	99
59) Bromoform	12.348	173	117818	56.438	ug/L	95
60) Isopropylbenzene	12.458	105	1165643	52.119	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	152261	53.419	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	944375	56.790	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	956296	54.559	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	506597	53.135	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	494902	51.383	ug/L	95
67) 1,2-Dichlorobenzene	13.866	146	447313	52.446	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	33536	54.965	ug/L	93
69) 1,3,5-Trichlorobenzene	14.622	180	312010	50.124	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	272656	50.609	ug/L	96
71) Naphthalene	15.360	128	582684	56.639	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	247747	52.390	ug/L	95

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

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Response via : Initial Calibration

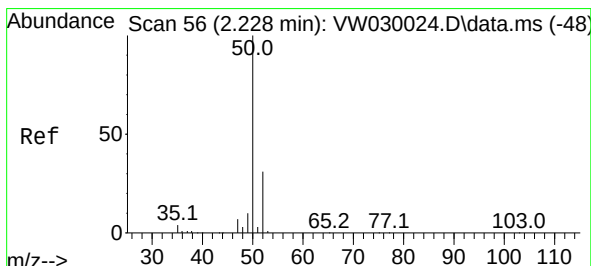
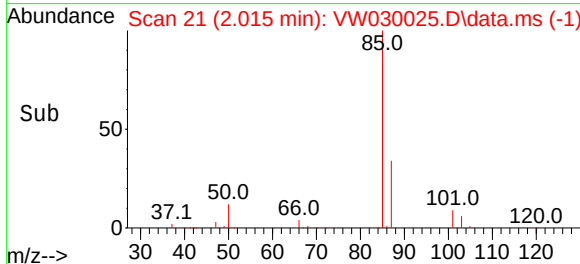
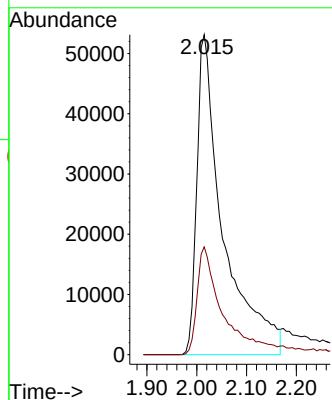
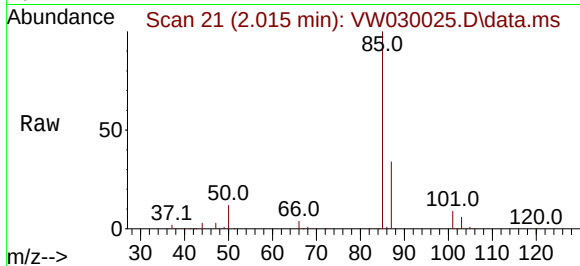




#2
 Dichlorodifluoromethane
 Concen: 54.403 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030025.D
 Acq: 26 Aug 2024 12:50

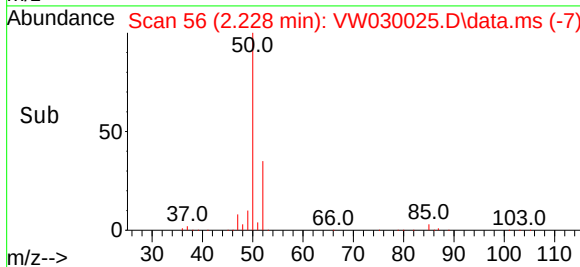
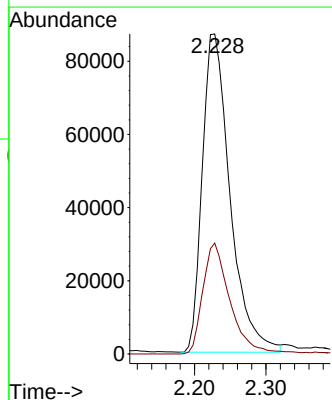
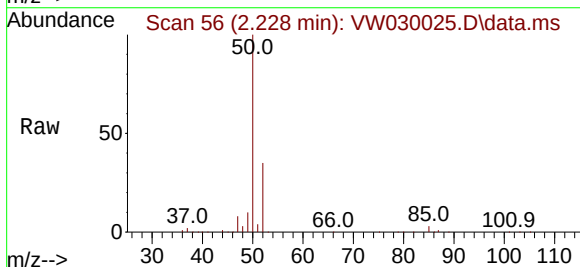
Instrument :
 MSVOA_W
 ClientSampleId :

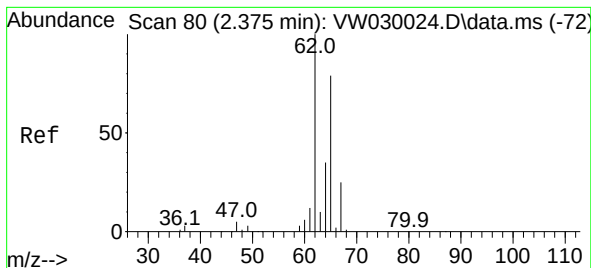
Tgt Ion: 85 Resp: 193688
 Ion Ratio Lower Upper
 85 100
 87 32.9 24.2 36.2



#3
 Chloromethane
 Concen: 53.591 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW030025.D
 Acq: 26 Aug 2024 12:50

Tgt Ion: 50 Resp: 234801
 Ion Ratio Lower Upper
 50 100
 52 34.6 21.6 40.2





#5

Vinyl chloride

Concen: 51.340 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA_W

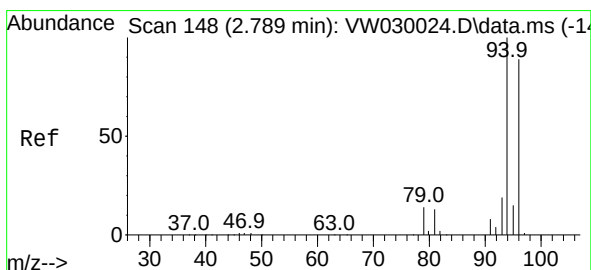
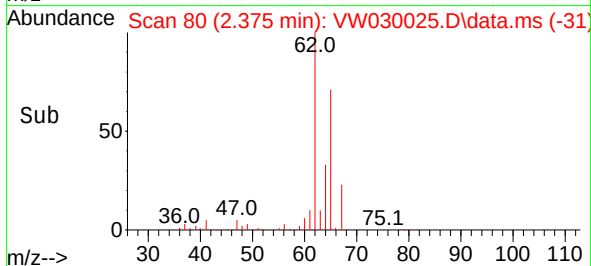
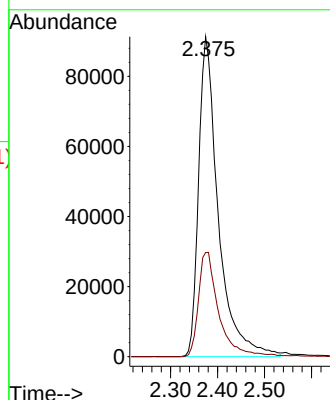
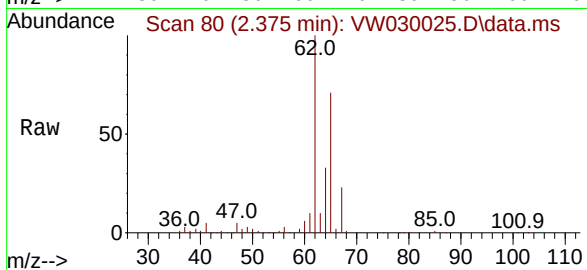
ClientSampleId :

Tgt Ion: 62 Resp: 265872

Ion Ratio Lower Upper

62 100

64 32.6 24.4 45.4



#6

Bromomethane

Concen: 52.501 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW030025.D

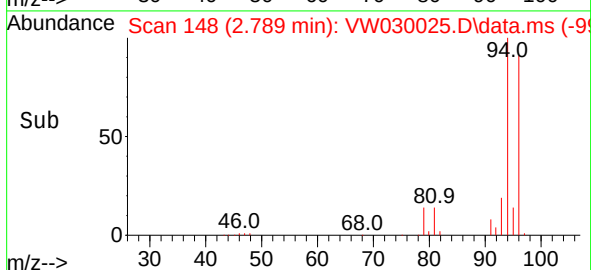
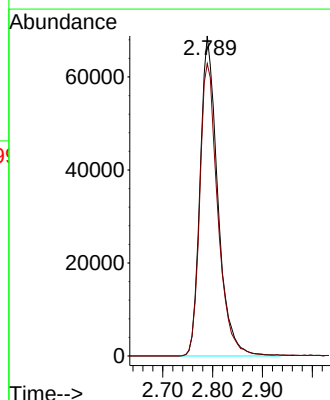
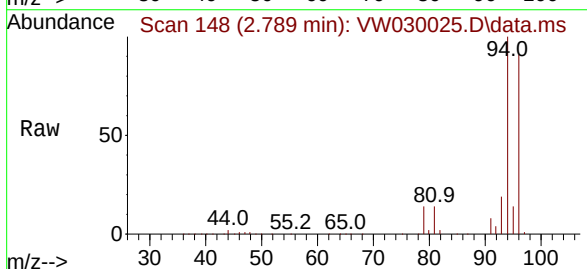
Acq: 26 Aug 2024 12:50

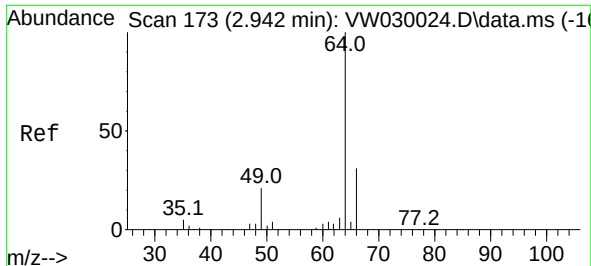
Tgt Ion: 94 Resp: 168960

Ion Ratio Lower Upper

94 100

96 91.4 62.4 115.8

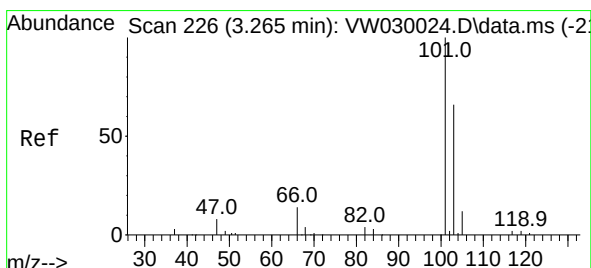
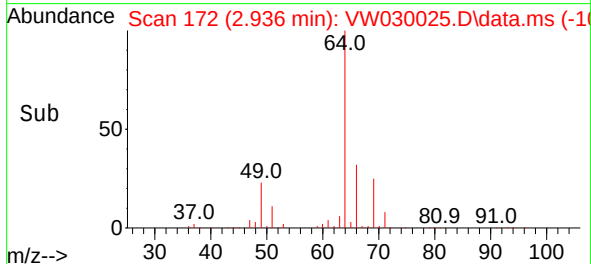
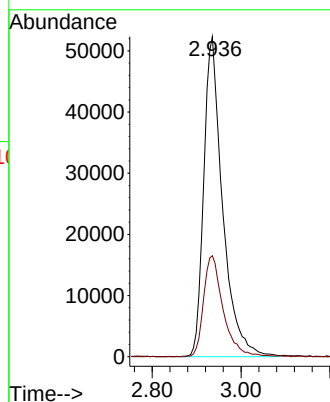
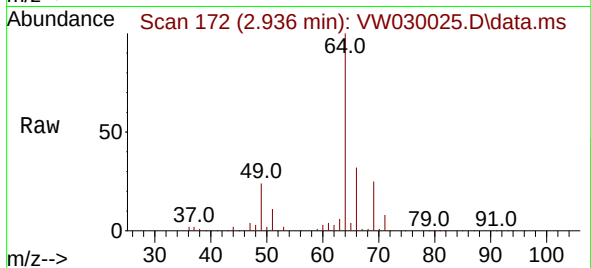




#8
Chloroethane
Concen: 51.769 ug/L
RT: 2.936 min Scan# 173
Delta R.T. -0.006 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

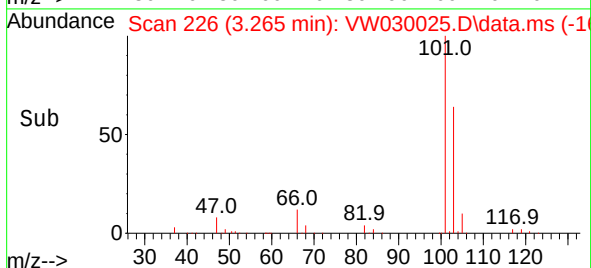
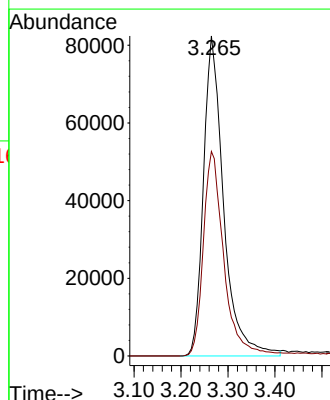
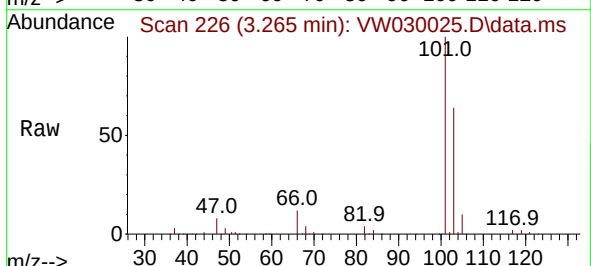
Instrument :
MSVOA_W
ClientSampleId :

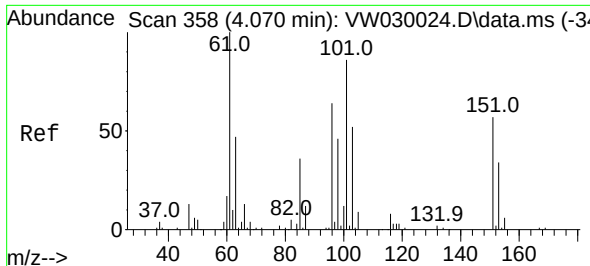
Tgt Ion: 64 Resp: 154486
Ion Ratio Lower Upper
64 100
66 31.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 54.700 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

Tgt Ion:101 Resp: 245302
Ion Ratio Lower Upper
101 100
103 64.7 50.7 76.1





#10

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

Concen: 52.690 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA_W

ClientSampleId :

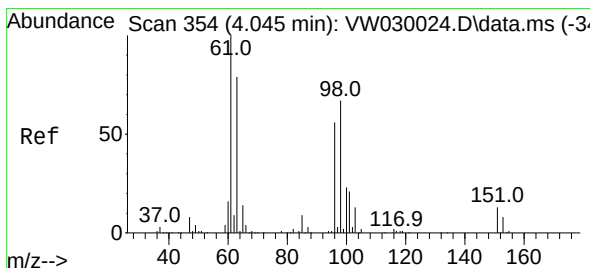
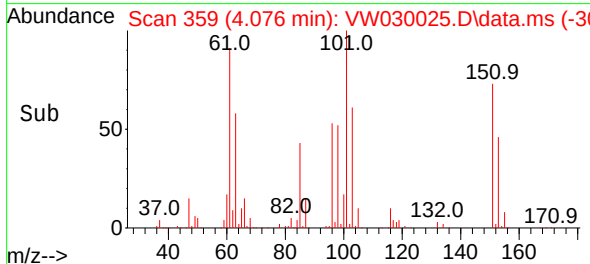
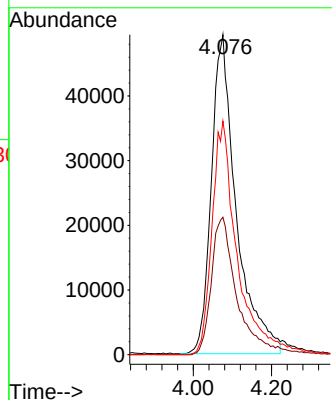
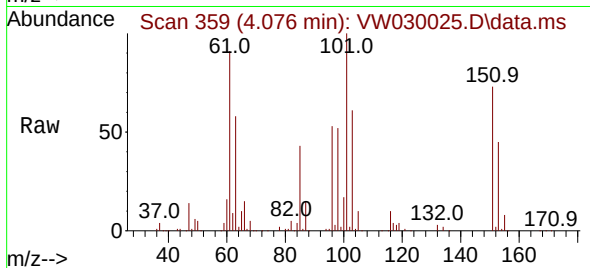
Tgt Ion:101 Resp: 217885

Ion Ratio Lower Upper

101 100

85 43.2 34.7 52.1

151 73.4 54.8 82.2



#12

1,1-Dichloroethene

Concen: 52.281 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

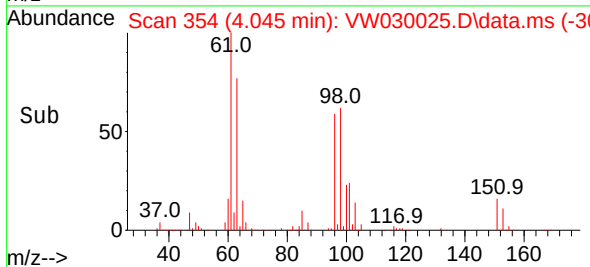
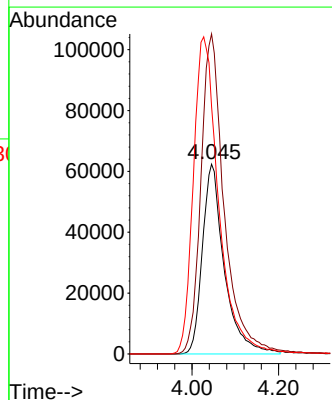
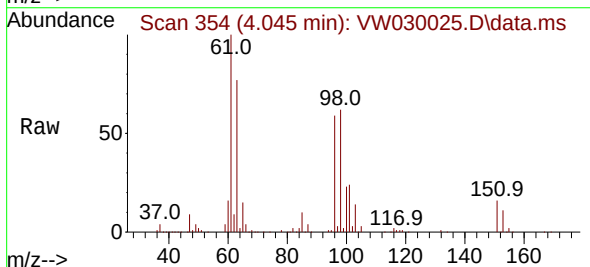
Tgt Ion: 96 Resp: 219278

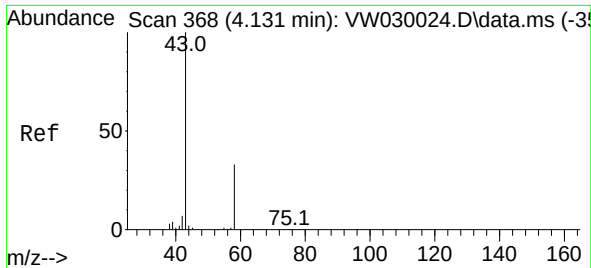
Ion Ratio Lower Upper

96 100

61 168.7 126.0 234.0

63 130.5 101.8 189.2

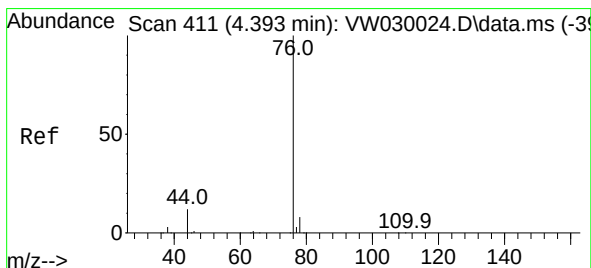
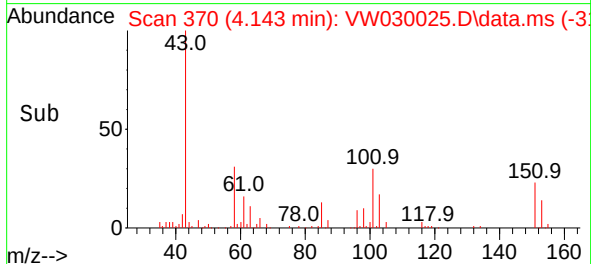
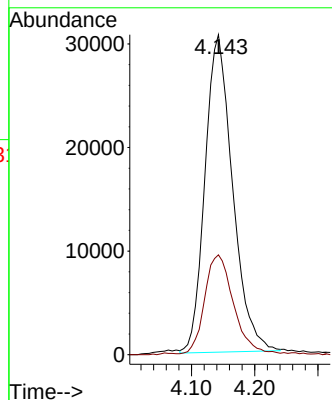
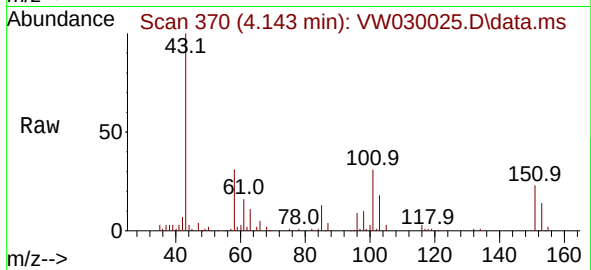




#13
Acetone
Concen: 105.218 ug/L
RT: 4.143 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

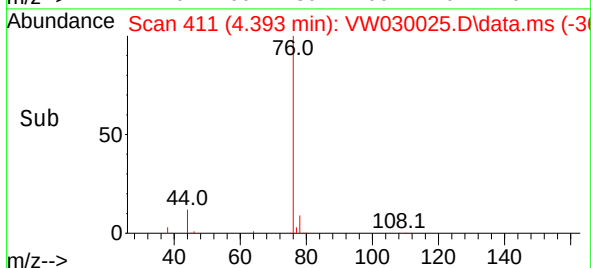
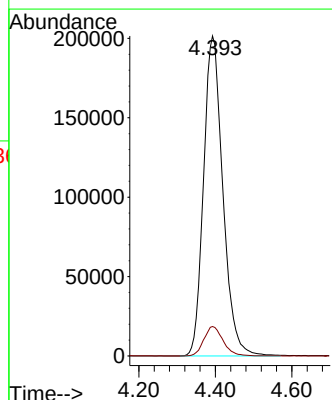
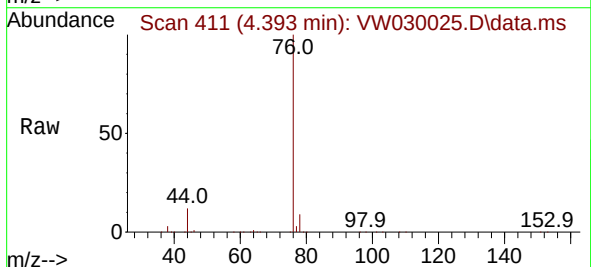
Instrument :
MSVOA_W
ClientSampleId :

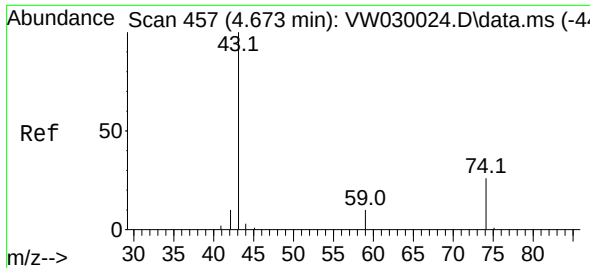
Tgt Ion: 43 Resp: 93035
Ion Ratio Lower Upper
43 100
58 32.1 0.0 66.4



#14
Carbon disulfide
Concen: 54.305 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

Tgt Ion: 76 Resp: 707620
Ion Ratio Lower Upper
76 100
78 9.2 6.6 9.8

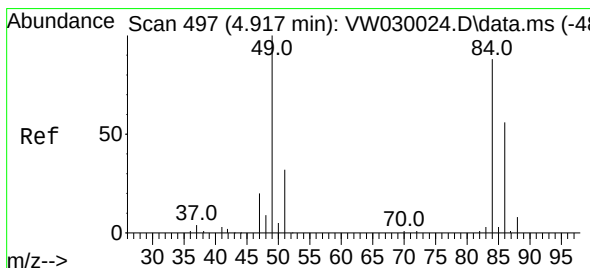
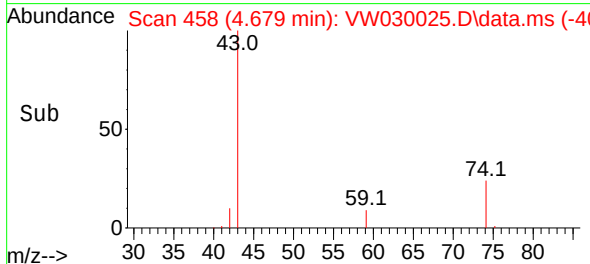
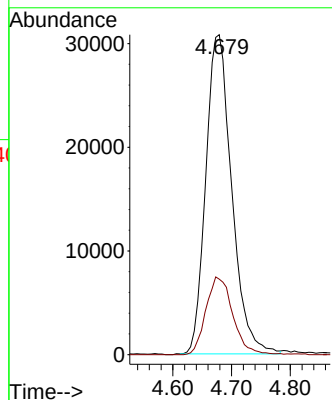
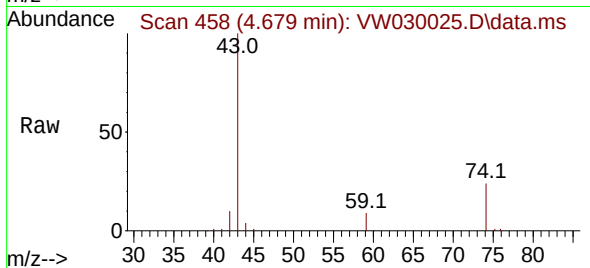




#15
Methyl Acetate
Concen: 54.830 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.006 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

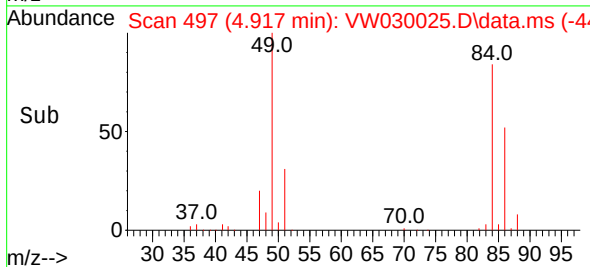
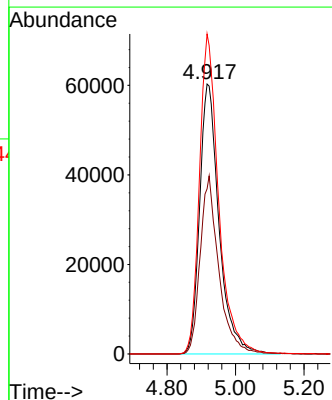
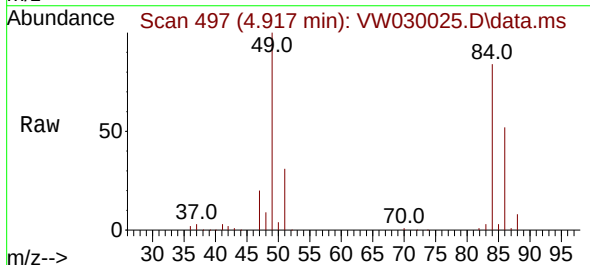
Instrument :
MSVOA_W
ClientSampleId :

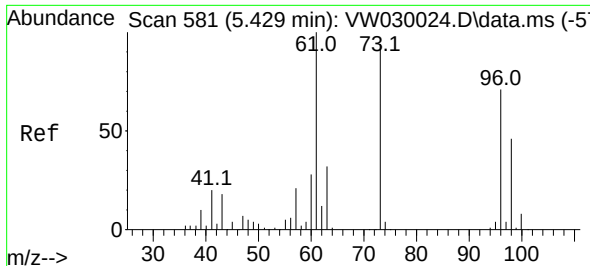
Tgt Ion: 43 Resp: 94349
Ion Ratio Lower Upper
43 100
74 25.1 19.9 29.9



#16
Methylene chloride
Concen: 43.886 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

Tgt Ion: 84 Resp: 237569
Ion Ratio Lower Upper
84 100
86 61.2 44.2 82.2
49 118.5 79.9 148.3

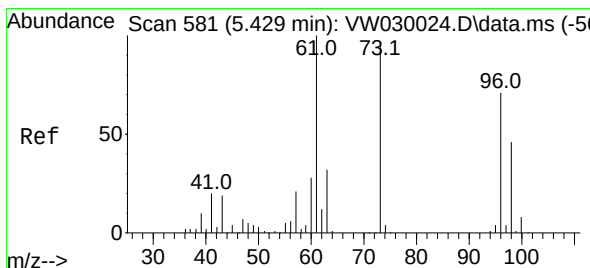
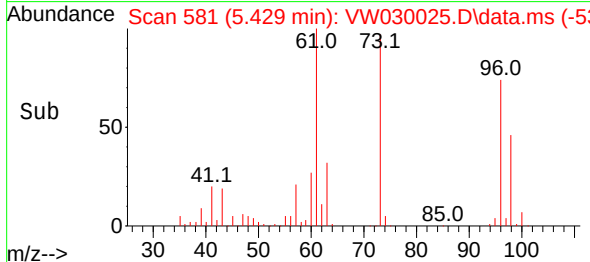
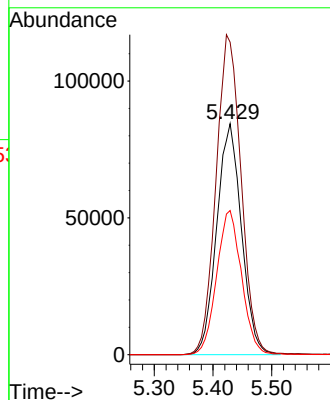
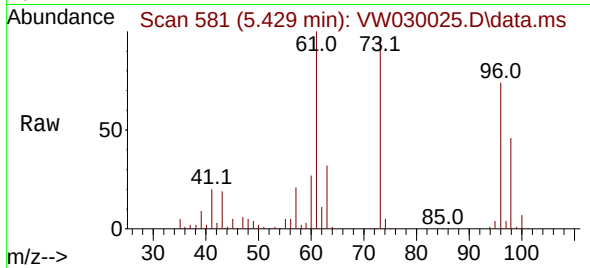




#17
trans-1,2-Dichloroethene
Concen: 53.191 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

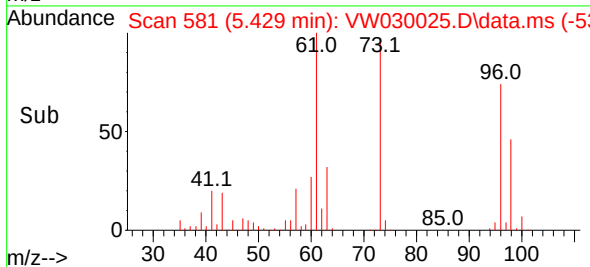
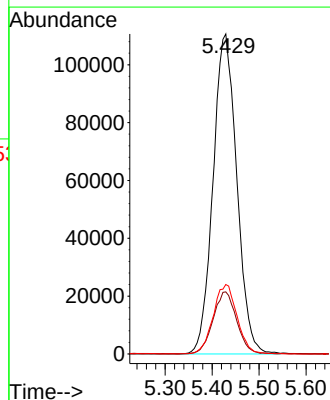
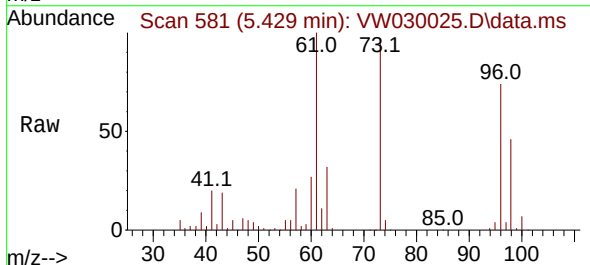
Instrument :
MSVOA_W
ClientSampleId :

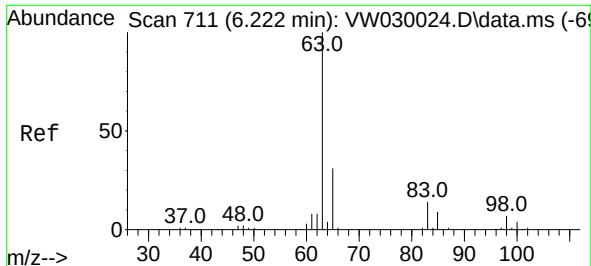
Tgt Ion: 96 Resp: 247092
Ion Ratio Lower Upper
96 100
61 135.3 98.3 182.7
98 62.4 45.3 84.1



#18
Methyl tert-butyl Ether
Concen: 54.694 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

Tgt Ion: 73 Resp: 388556
Ion Ratio Lower Upper
73 100
43 19.3 15.4 23.2
57 21.8 17.4 26.0

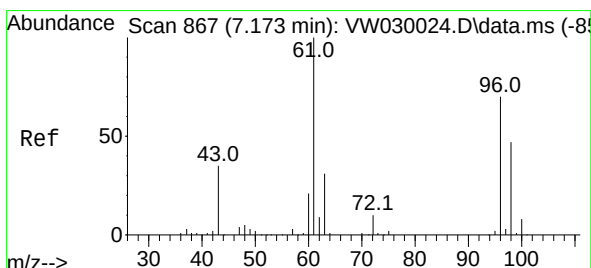
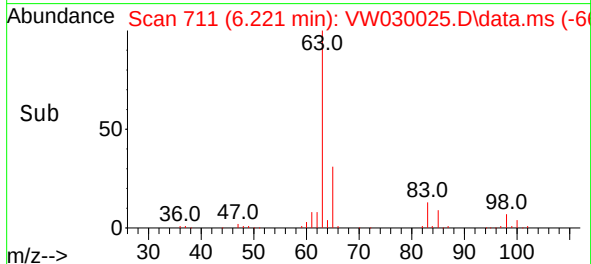
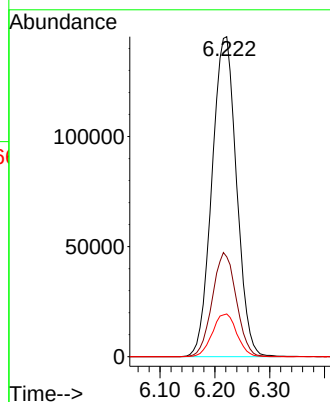
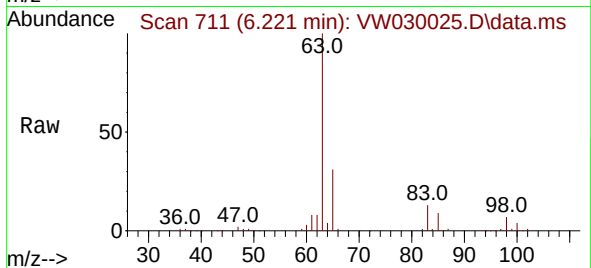




#19
1,1-Dichloroethane
Concen: 52.379 ug/L
RT: 6.221 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

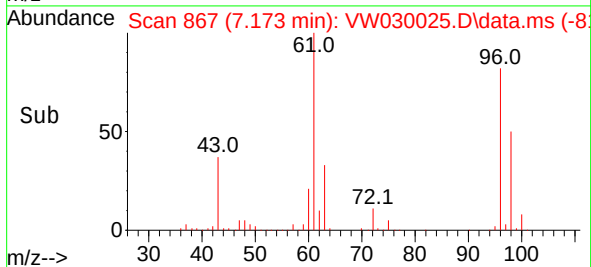
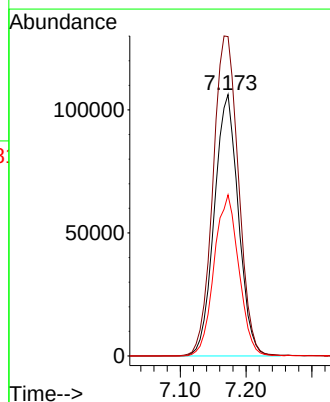
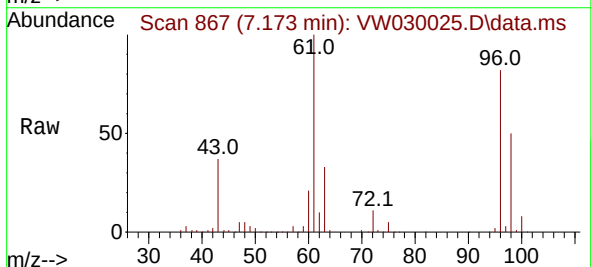
Instrument :
MSVOA_W
ClientSampleId :

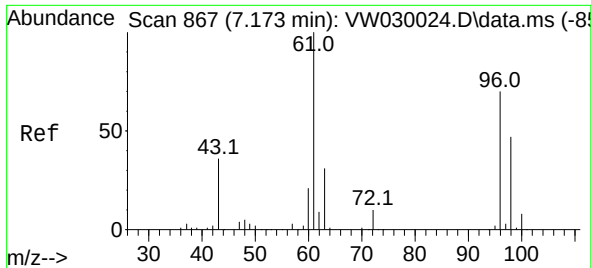
Tgt Ion: 63 Resp: 452144
Ion Ratio Lower Upper
63 100
65 31.2 21.6 40.0
83 13.4 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 52.879 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

Tgt Ion: 96 Resp: 271495
Ion Ratio Lower Upper
96 100
61 122.1 99.6 185.0
98 61.6 46.5 86.5

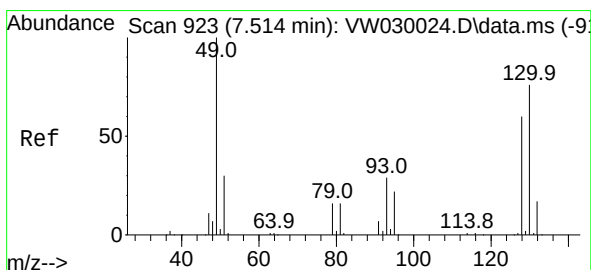
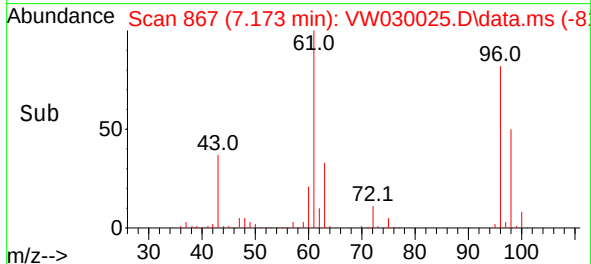
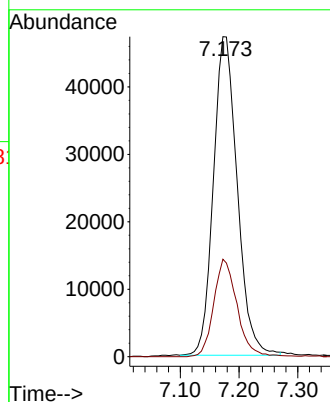
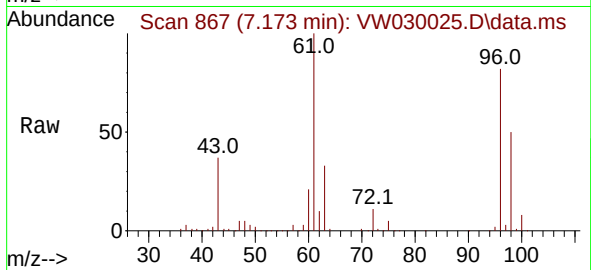




#22
2-Butanone
Concen: 106.651 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

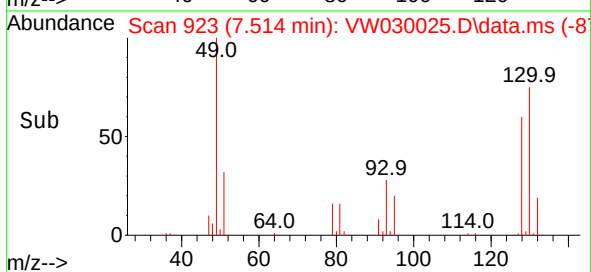
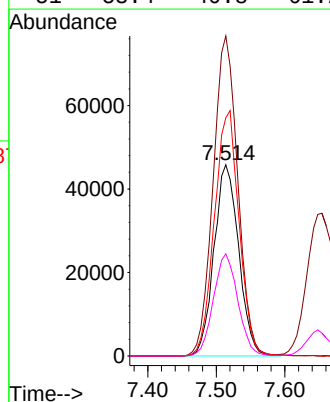
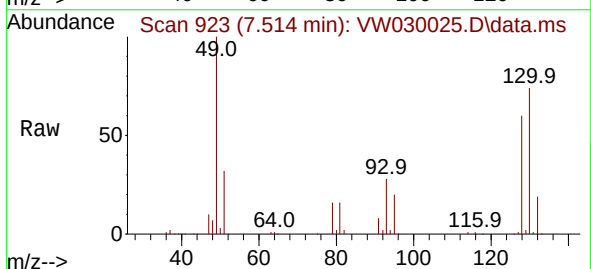
Instrument :
MSVOA_W
ClientSampleId :

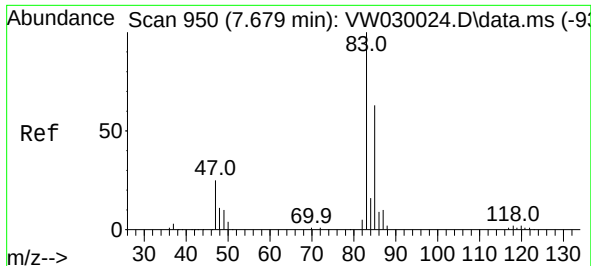
Tgt Ion: 43 Resp: 133182
Ion Ratio Lower Upper
43 100
72 29.6 15.0 45.1



#23
Bromochloromethane
Concen: 52.568 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

Tgt Ion:128 Resp: 114477
Ion Ratio Lower Upper
128 100
49 167.3 117.3 217.9
130 124.5 89.3 165.9
51 53.4 40.8 61.2





#25

Chloroform

Concen: 51.941 ug/L

RT: 7.672 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA_W

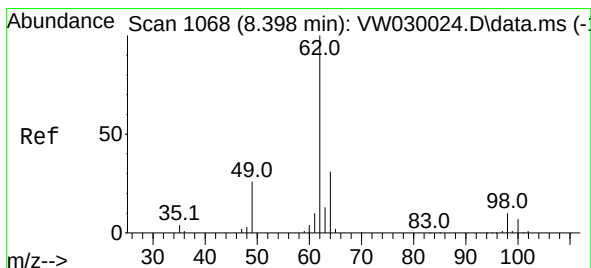
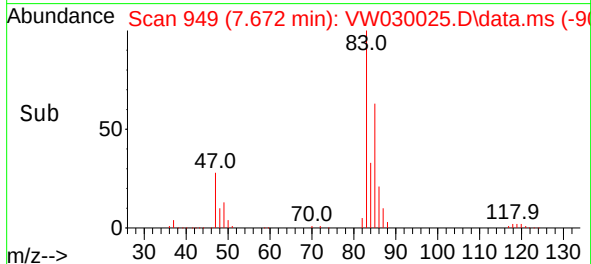
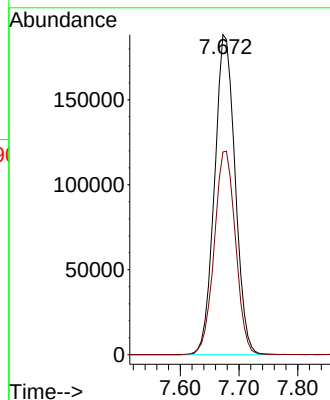
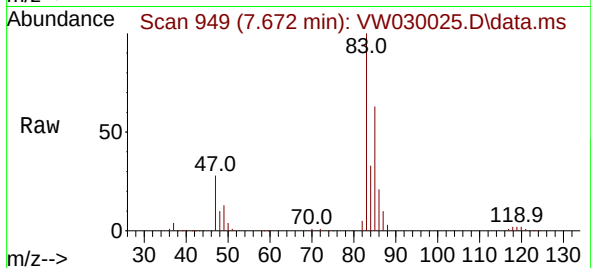
ClientSampleId :

Tgt Ion: 83 Resp: 458613

Ion Ratio Lower Upper

83 100

85 63.3 44.4 82.4



#27

1,2-Dichloroethane

Concen: 52.597 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW030025.D

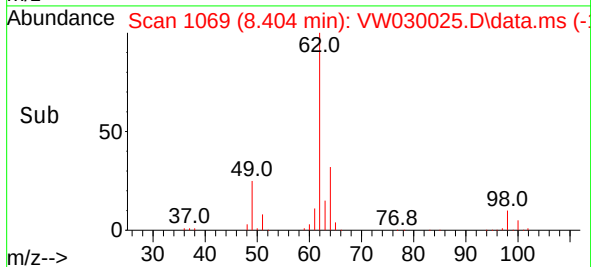
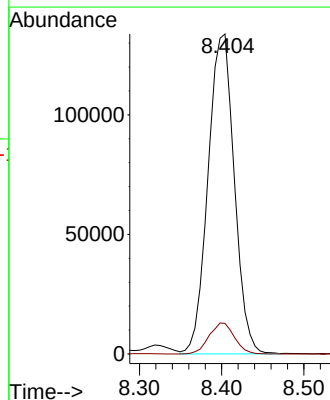
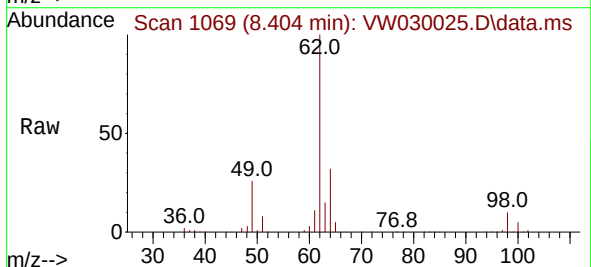
Acq: 26 Aug 2024 12:50

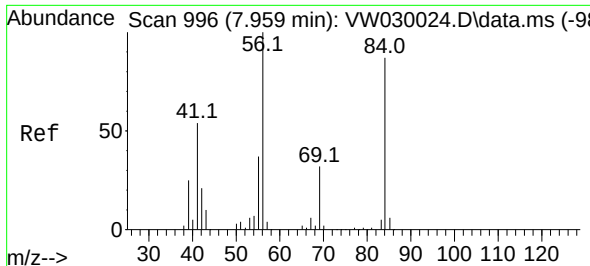
Tgt Ion: 62 Resp: 297269

Ion Ratio Lower Upper

62 100

98 9.5 7.7 11.5





#29

Cyclohexane

Concen: 54.593 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

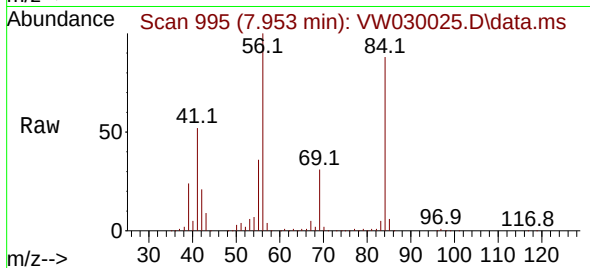
Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA_W

ClientSampleId :



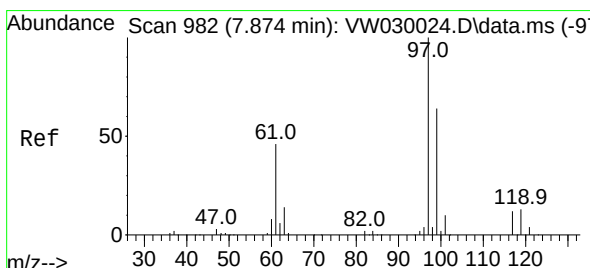
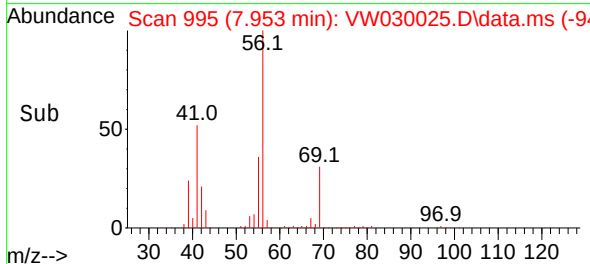
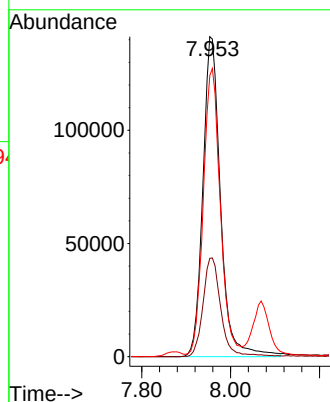
Tgt Ion: 56 Resp: 391507

Ion Ratio Lower Upper

56 100

69 30.6 24.4 36.6

84 86.6 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 52.785 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

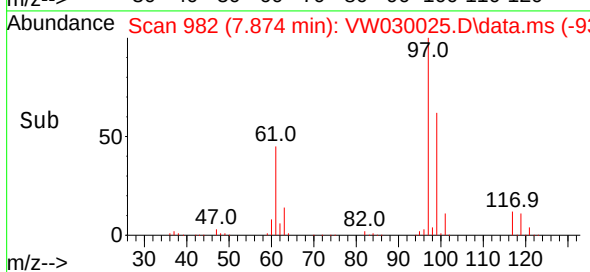
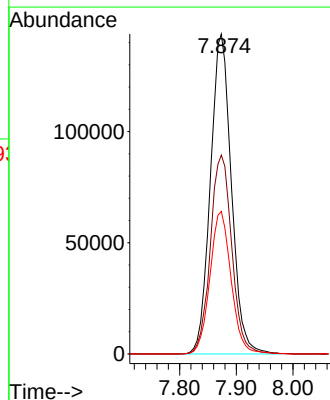
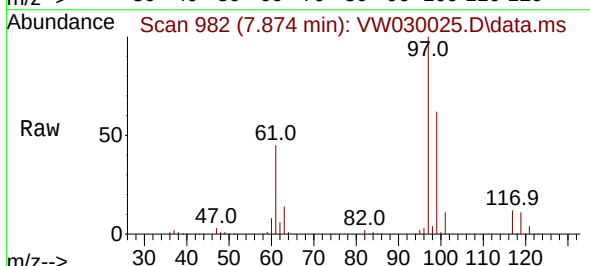
Tgt Ion: 97 Resp: 369500

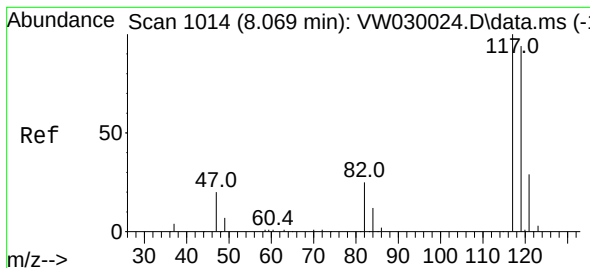
Ion Ratio Lower Upper

97 100

99 63.7 51.7 77.5

61 45.1 37.2 55.8





#31

Carbon tetrachloride

Concen: 52.665 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA_W

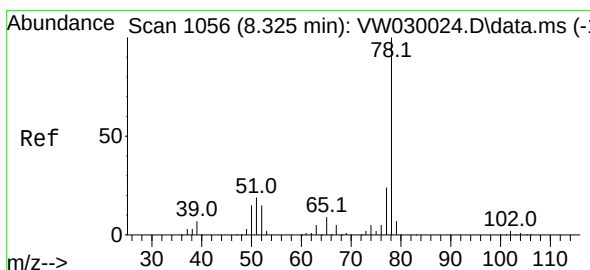
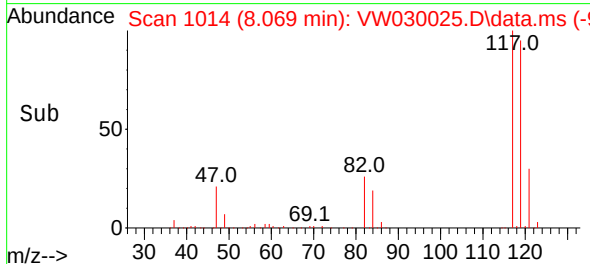
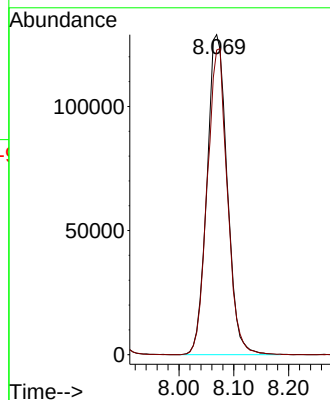
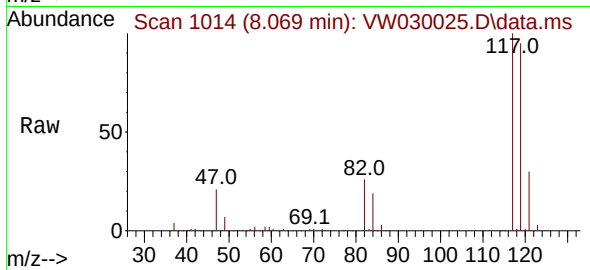
ClientSampleId :

Tgt Ion:117 Resp: 331210

Ion Ratio Lower Upper

117 100

119 95.0 77.7 116.5



#33

Benzene

Concen: 51.495 ug/L

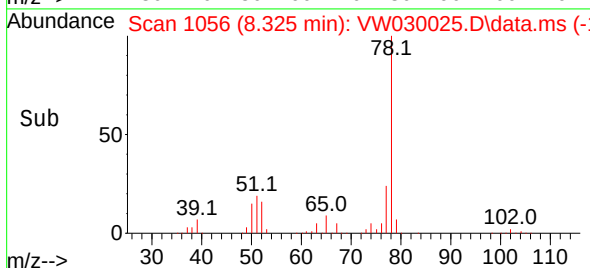
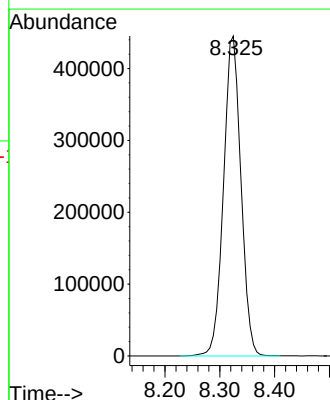
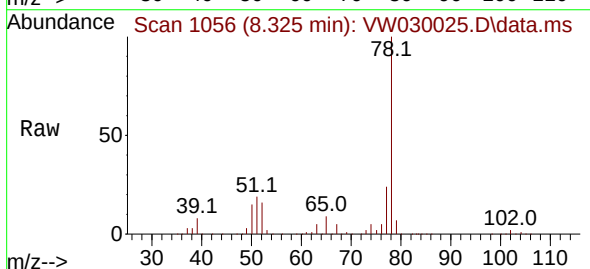
RT: 8.325 min Scan# 1056

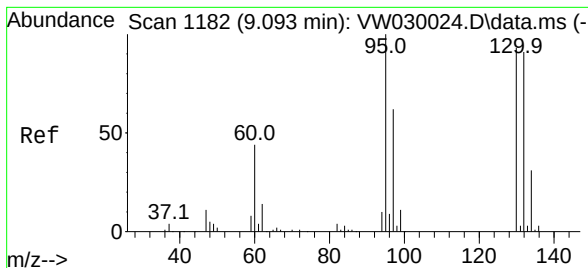
Delta R.T. -0.000 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

Tgt Ion: 78 Resp: 986041





#34

Trichloroethene

Concen: 52.500 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 270699

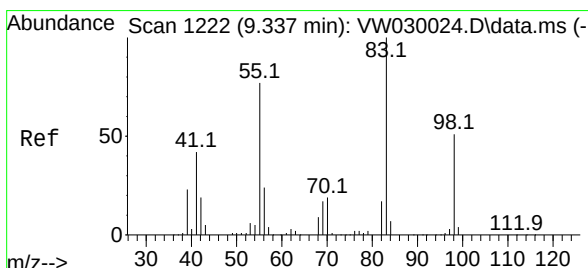
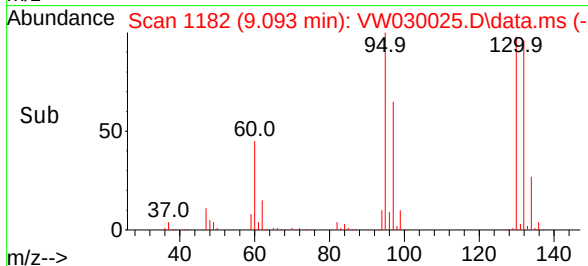
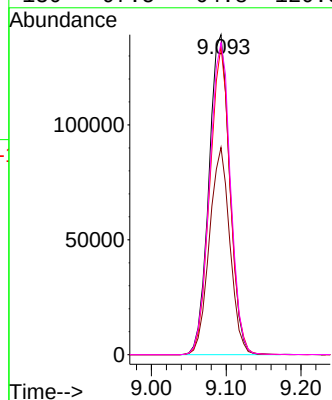
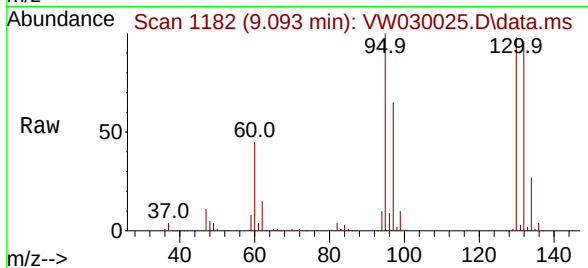
Ion Ratio Lower Upper

95 100

97 64.8 43.3 80.5

132 96.5 63.6 118.0

130 97.5 64.8 120.3



#35

Methylcyclohexane

Concen: 53.076 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

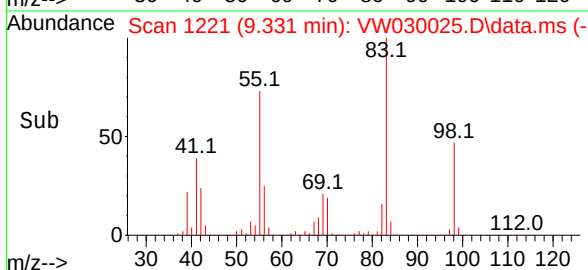
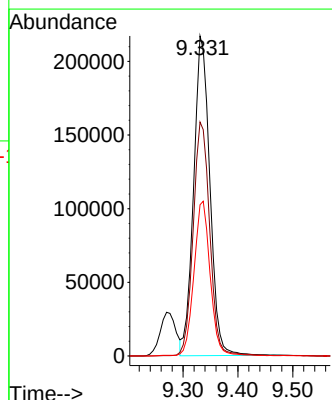
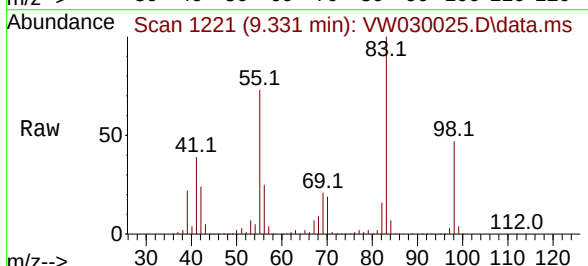
Tgt Ion: 83 Resp: 448212

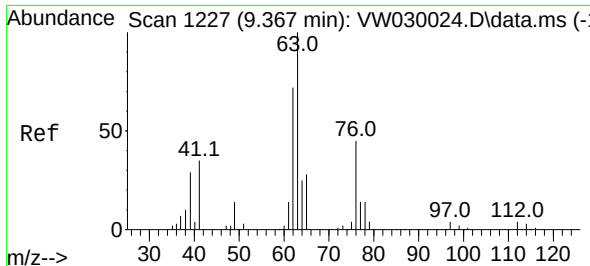
Ion Ratio Lower Upper

83 100

55 74.5 59.0 88.6

98 47.8 38.2 57.4





#37

1,2-Dichloropropane

Concen: 52.565 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA_W

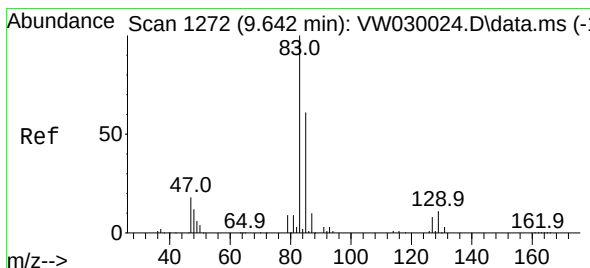
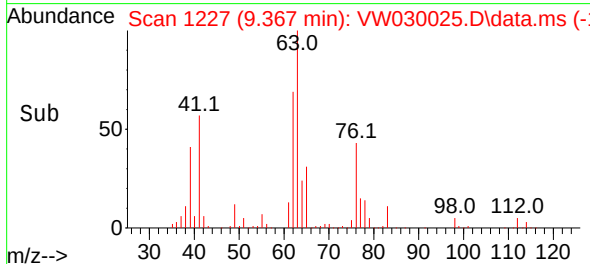
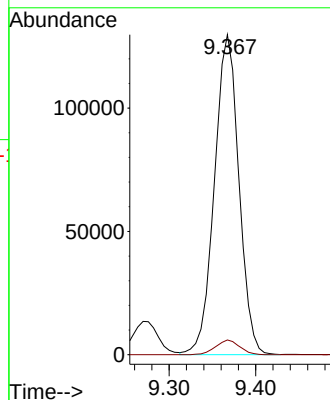
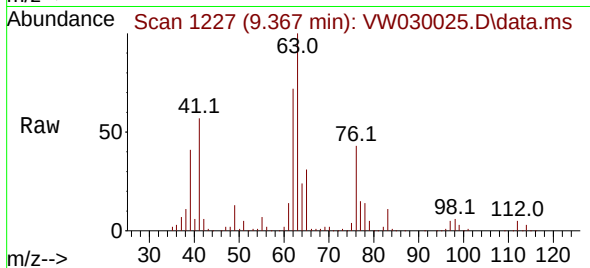
ClientSampleId :

Tgt Ion: 63 Resp: 254885

Ion Ratio Lower Upper

63 100

112 4.5 3.7 5.5



#38

Bromodichloromethane

Concen: 53.571 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

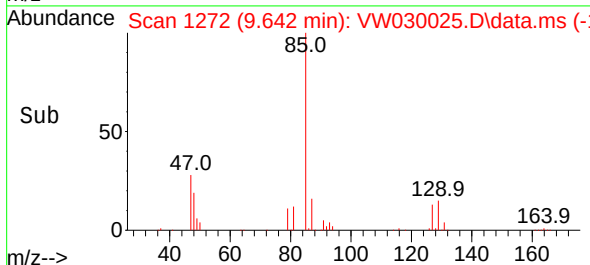
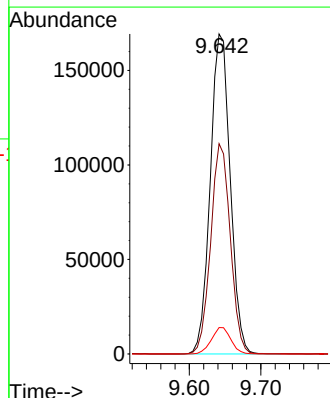
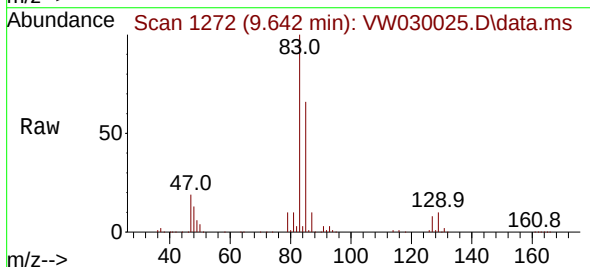
Tgt Ion: 83 Resp: 327754

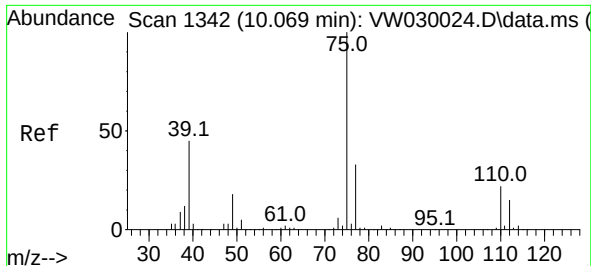
Ion Ratio Lower Upper

83 100

85 65.7 42.9 79.7

127 8.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 55.136 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA_W

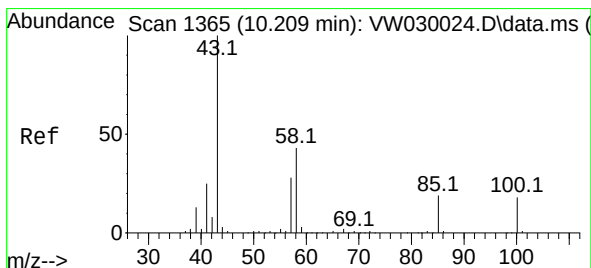
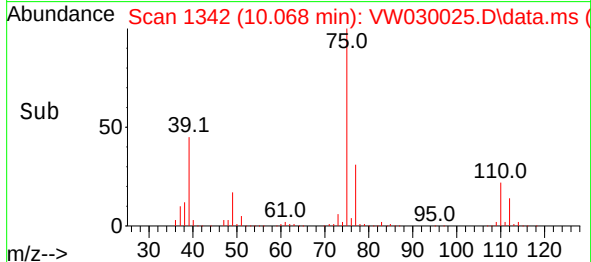
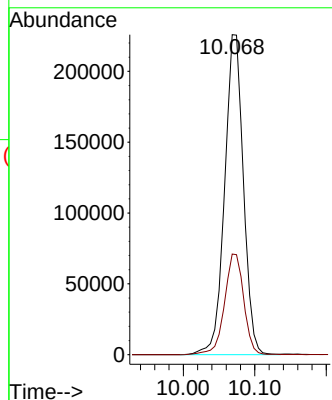
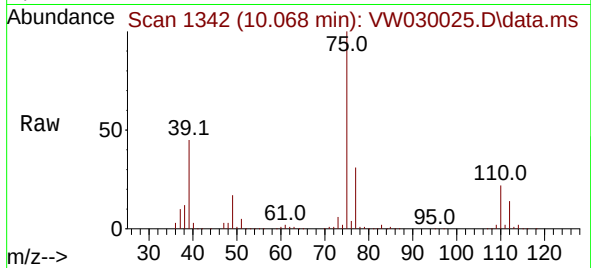
ClientSampleId :

Tgt Ion: 75 Resp: 411492

Ion Ratio Lower Upper

75 100

77 31.5 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 113.437 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

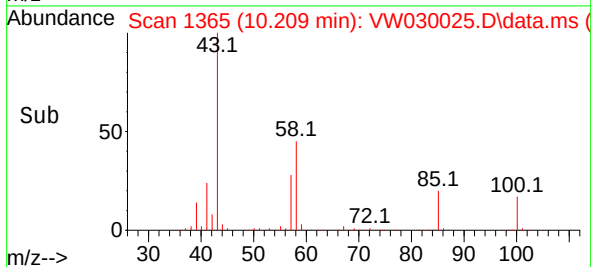
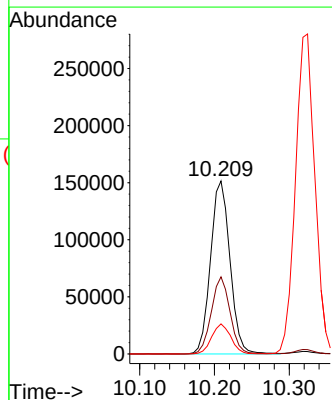
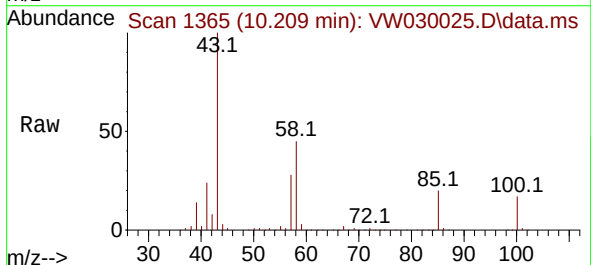
Tgt Ion: 43 Resp: 273802

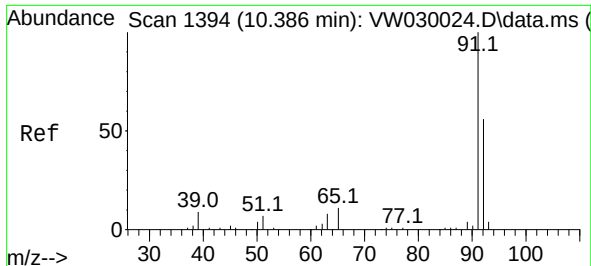
Ion Ratio Lower Upper

43 100

58 43.0 34.0 51.0

100 17.1 13.5 20.3





#42

Toluene

Concen: 52.888 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA_W

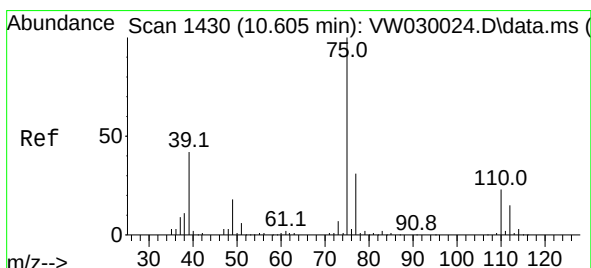
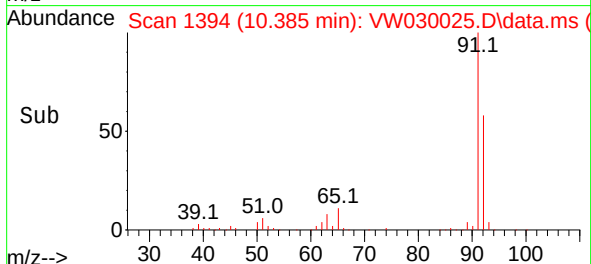
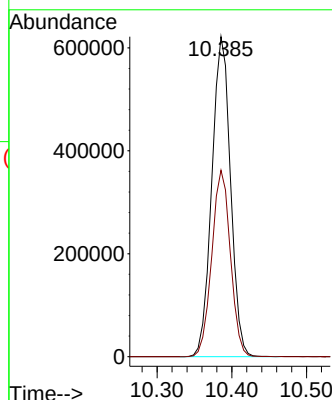
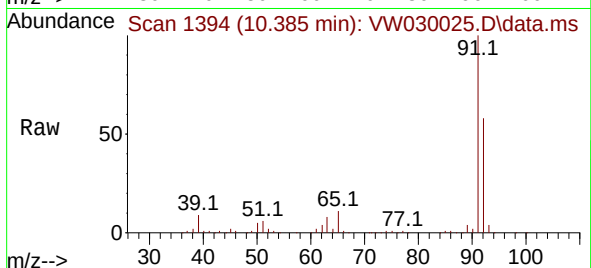
ClientSampleId :

Tgt Ion: 91 Resp: 1078482

Ion Ratio Lower Upper

91 100

92 58.2 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 55.974 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030025.D

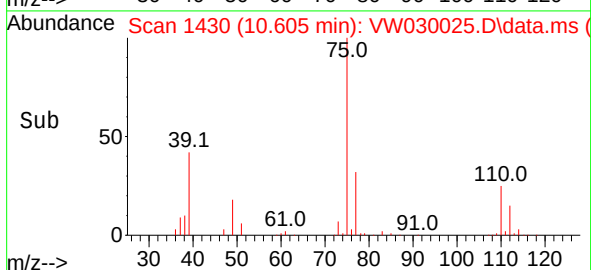
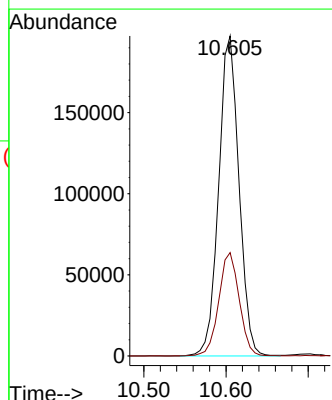
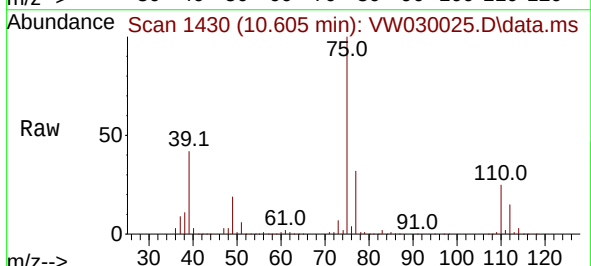
Acq: 26 Aug 2024 12:50

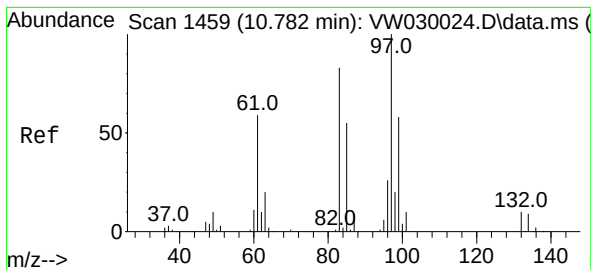
Tgt Ion: 75 Resp: 338035

Ion Ratio Lower Upper

75 100

77 32.3 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 52.819 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 187720

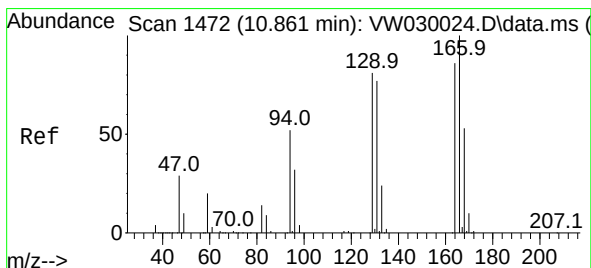
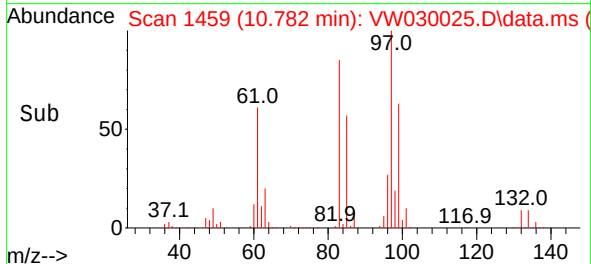
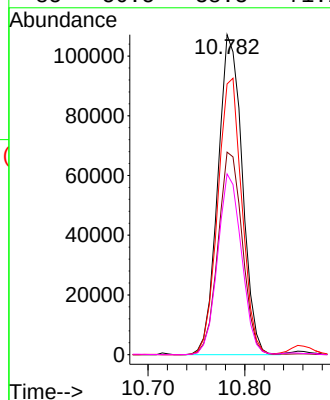
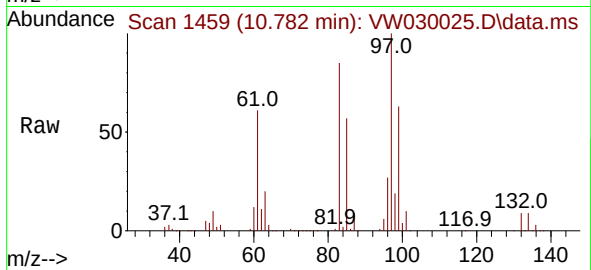
Ion Ratio Lower Upper

97 100

99 63.3 40.3 74.8

83 84.6 58.0 107.6

85 56.5 38.3 71.1



#46

Tetrachloroethene

Concen: 50.512 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

Tgt Ion:164 Resp: 197674

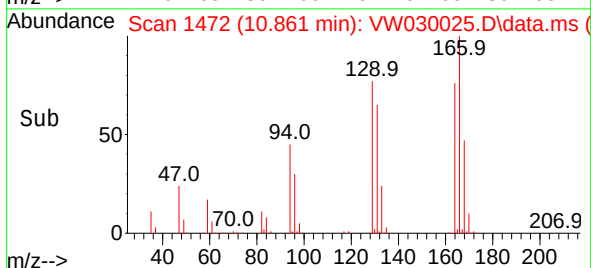
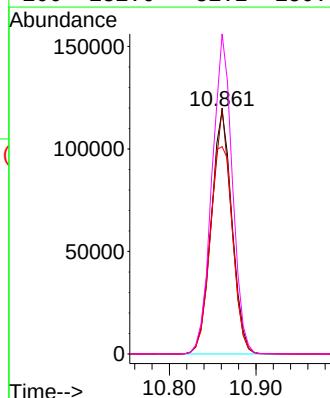
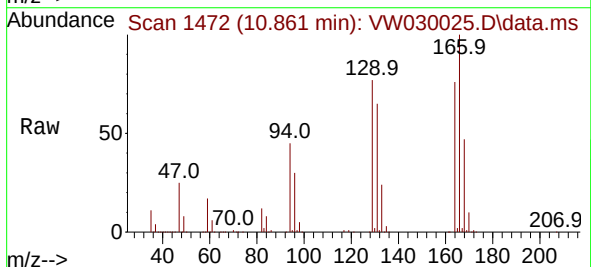
Ion Ratio Lower Upper

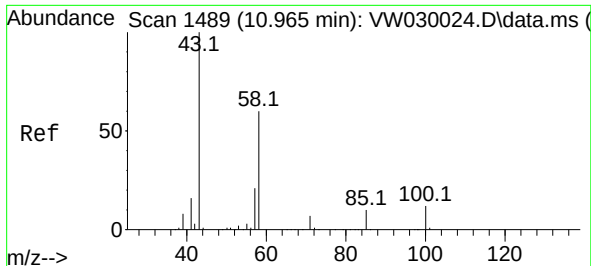
164 100

129 101.1 66.1 122.7

131 85.3 62.6 116.2

166 131.6 81.2 150.8

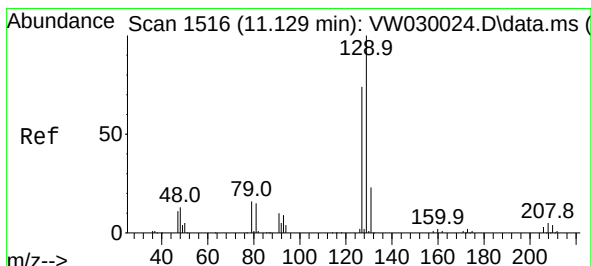
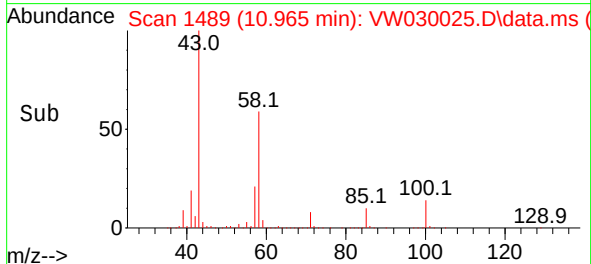
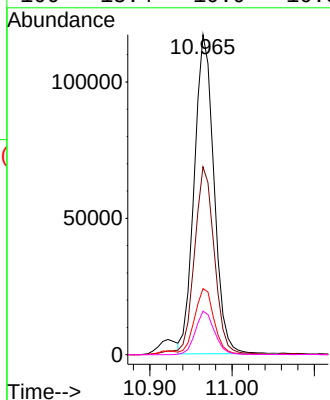
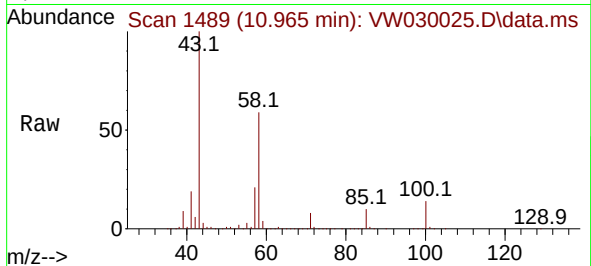




#48
2-Hexanone
Concen: 113.554 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

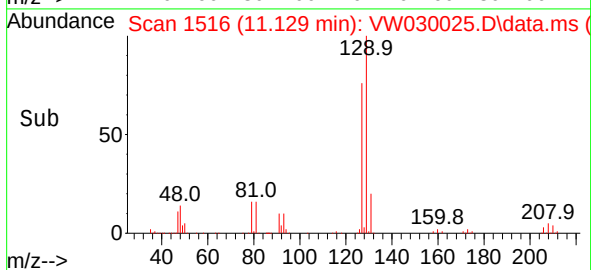
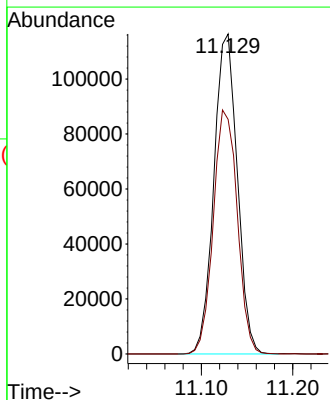
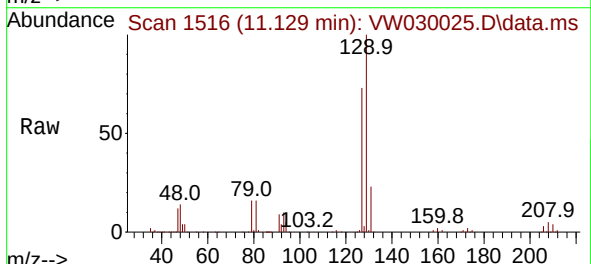
Instrument :
MSVOA_W
ClientSampleId :

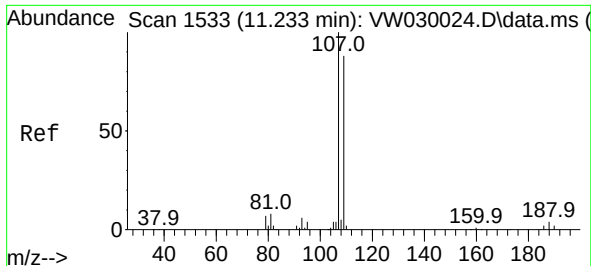
Tgt Ion:	43	Resp:	194847
Ion	Ratio	Lower	Upper
43	100		
58	58.8	50.0	75.0
57	20.4	17.3	25.9
100	13.4	10.9	16.3



#49
Dibromochloromethane
Concen: 54.912 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

Tgt Ion:	129	Resp:	207362
Ion	Ratio	Lower	Upper
129	100		
127	73.3	51.8	96.2





#50

1,2-Dibromoethane

Concen: 54.555 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

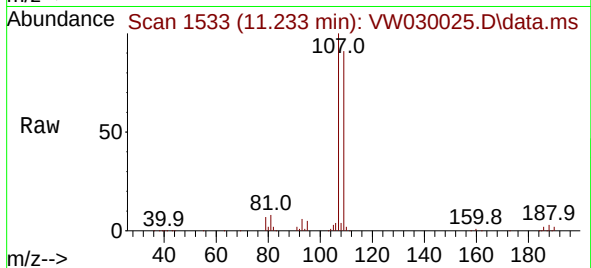
Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA_W

ClientSampleId :



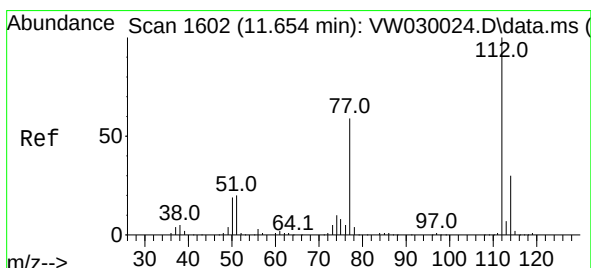
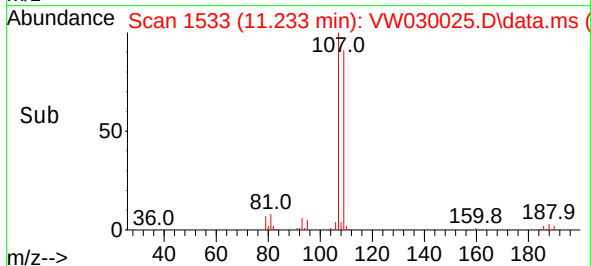
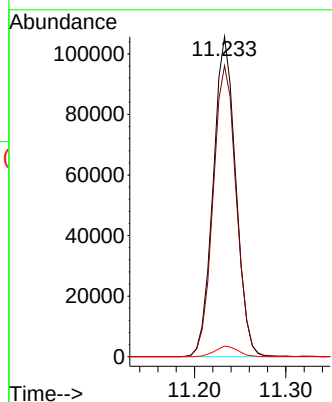
Tgt Ion:107 Resp: 181113

Ion Ratio Lower Upper

107 100

109 90.9 61.7 114.5

188 3.3 3.1 4.7



#51

Chlorobenzene

Concen: 52.178 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

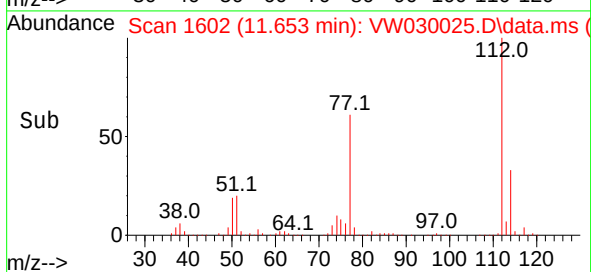
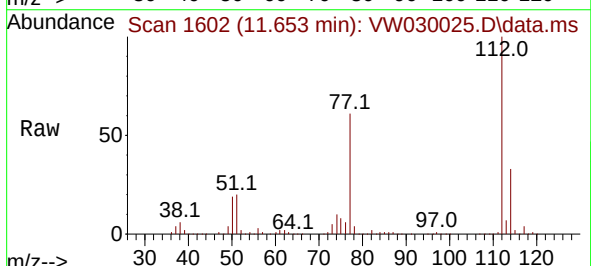
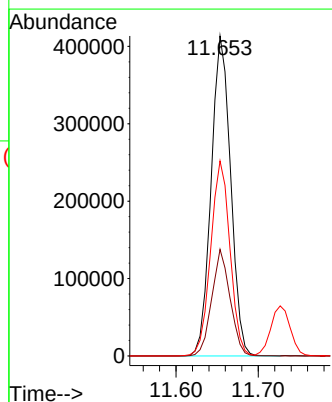
Tgt Ion:112 Resp: 680327

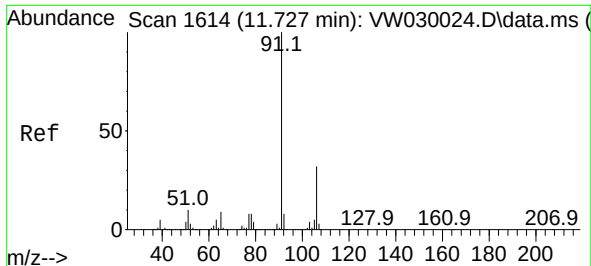
Ion Ratio Lower Upper

112 100

114 33.3 20.9 38.9

77 60.9 47.1 70.7





#52

Ethylbenzene

Concen: 53.549 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA_W

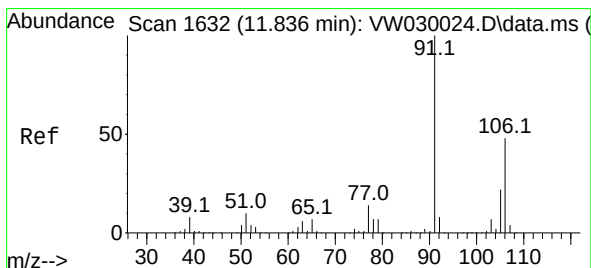
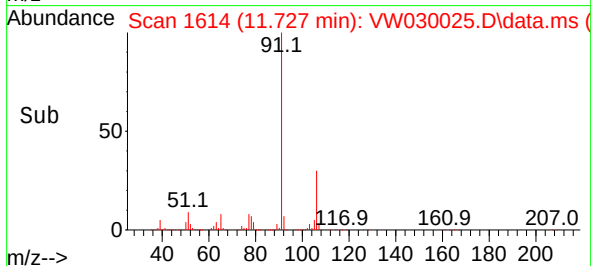
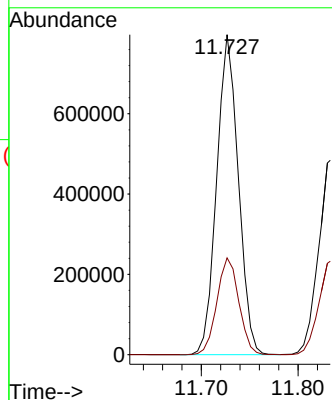
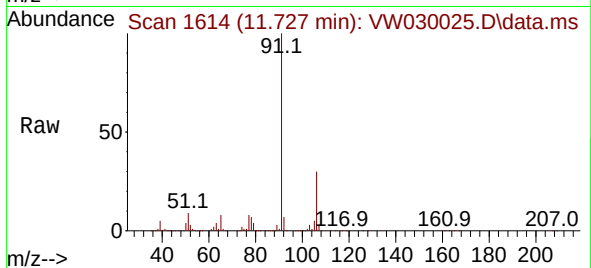
ClientSampleId :

Tgt Ion: 91 Resp: 1237256

Ion Ratio Lower Upper

91 100

106 30.2 22.0 41.0



#53

m,p-Xylene

Concen: 53.009 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030025.D

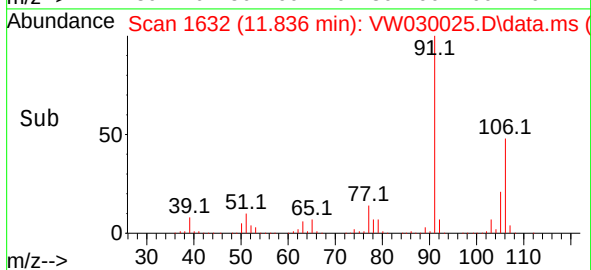
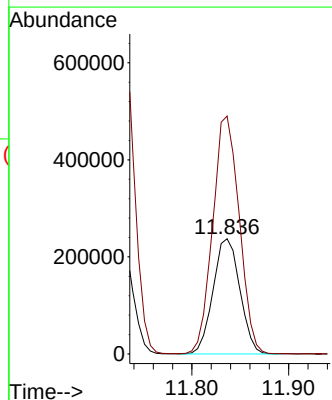
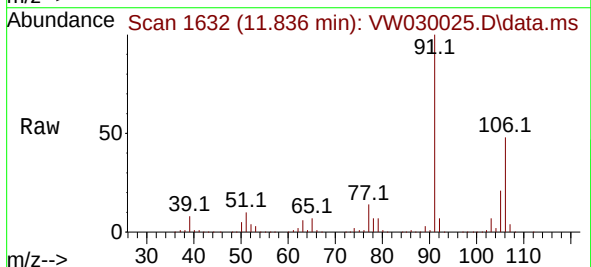
Acq: 26 Aug 2024 12:50

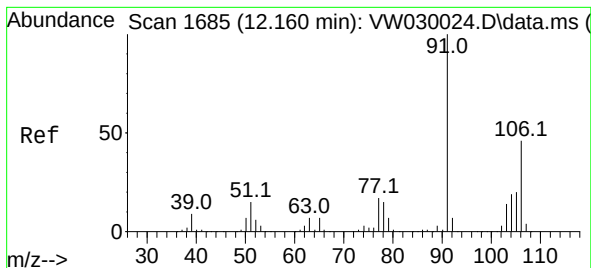
Tgt Ion:106 Resp: 457076

Ion Ratio Lower Upper

106 100

91 206.6 146.7 272.4





#54

o-Xylene

Concen: 53.445 ug/L

RT: 12.159 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA_W

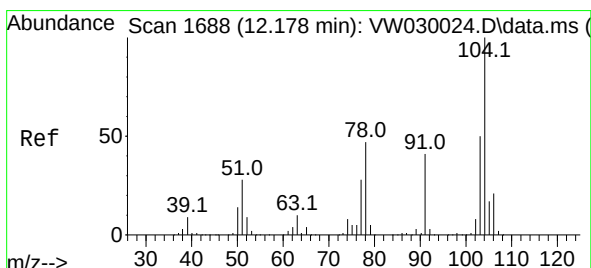
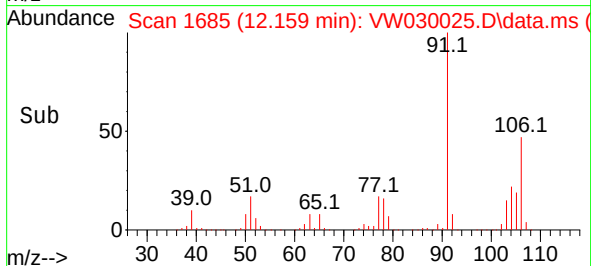
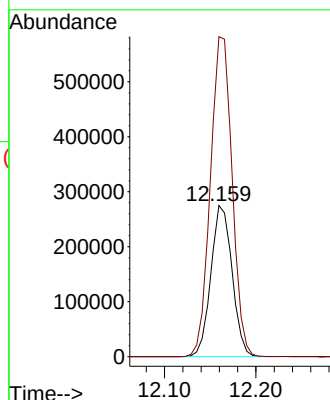
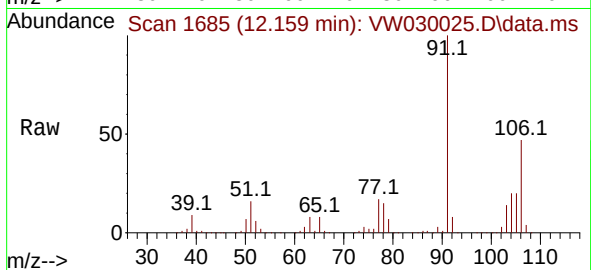
ClientSampleId :

Tgt Ion:106 Resp: 442307

Ion Ratio Lower Upper

106 100

91 211.7 153.9 285.7



#55

Styrene

Concen: 53.830 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW030025.D

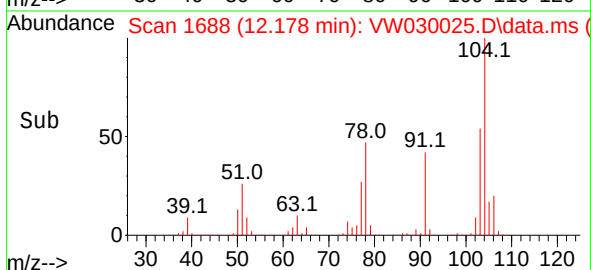
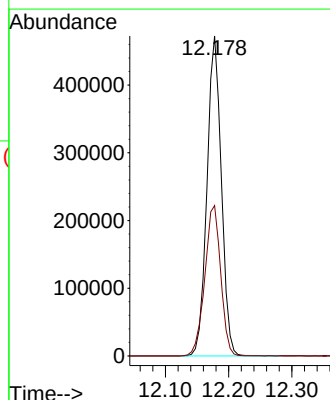
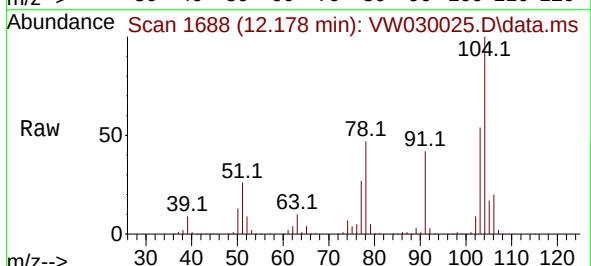
Acq: 26 Aug 2024 12:50

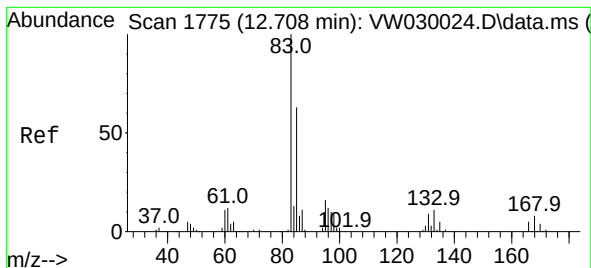
Tgt Ion:104 Resp: 746423

Ion Ratio Lower Upper

104 100

78 47.0 32.8 60.8

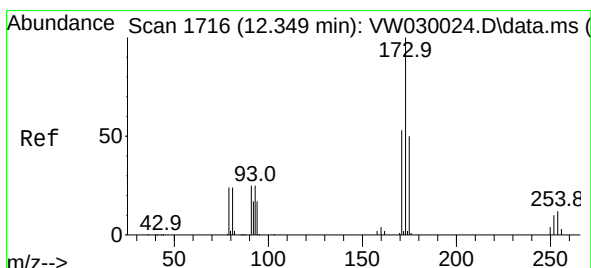
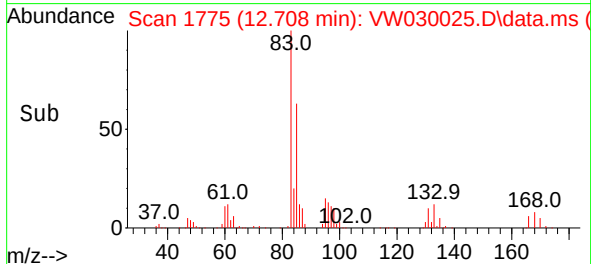
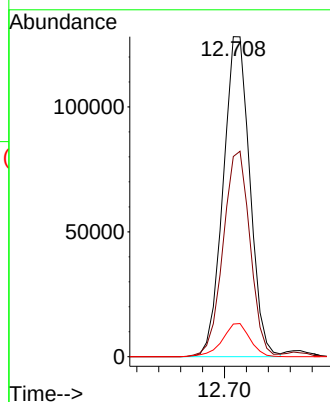
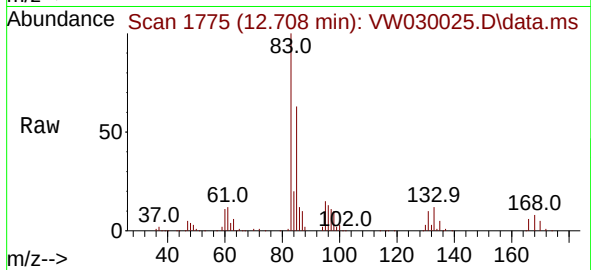




#57
1,1,2,2-Tetrachloroethane
Concen: 54.086 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

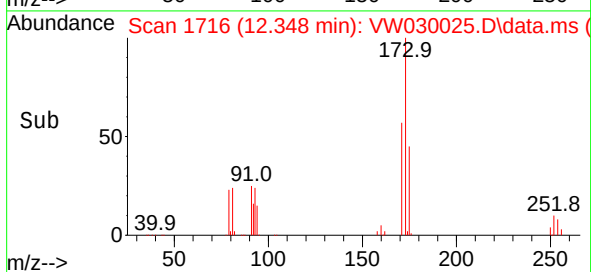
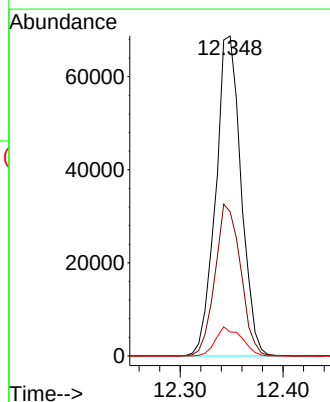
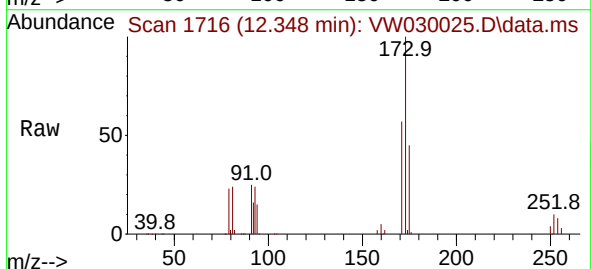
Instrument :
MSVOA_W
ClientSampleId :

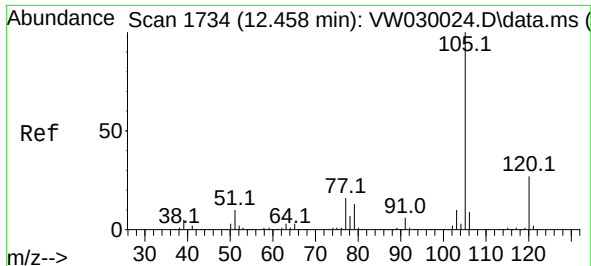
Tgt Ion: 83 Resp: 216462
Ion Ratio Lower Upper
83 100
85 62.6 44.0 81.8
131 10.2 7.3 10.9



#59
Bromoform
Concen: 56.438 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

Tgt Ion:173 Resp: 117818
Ion Ratio Lower Upper
173 100
175 47.8 41.4 62.2
254 9.3 8.6 13.0

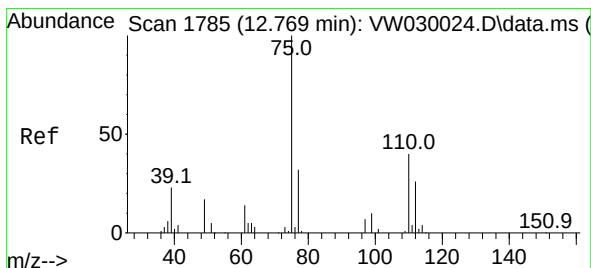
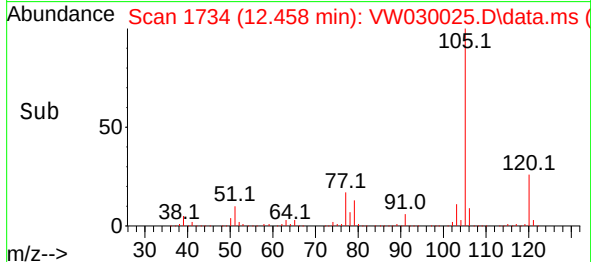
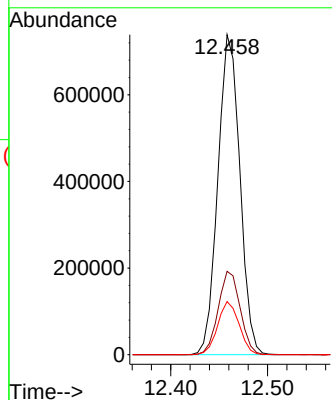
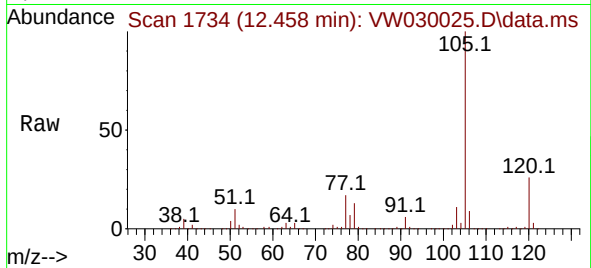




#60
Isopropylbenzene
Concen: 52.119 ug/L
RT: 12.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

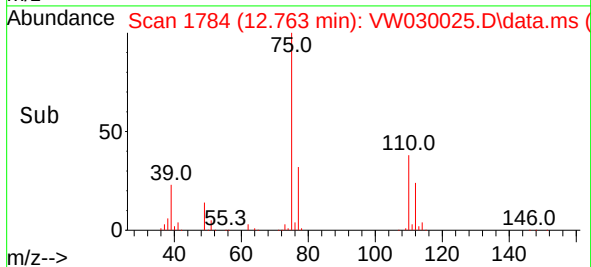
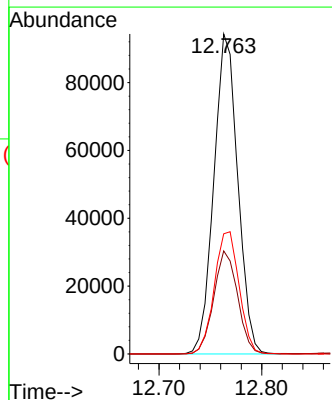
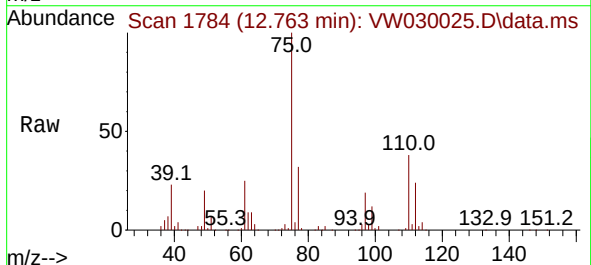
Instrument :
MSVOA_W
ClientSampleId :

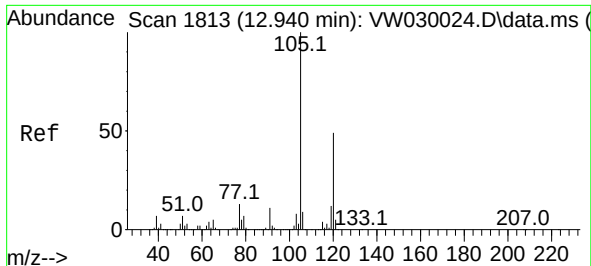
Tgt Ion:105 Resp: 1165643
Ion Ratio Lower Upper
105 100
120 26.0 20.6 30.8
77 16.2 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 53.419 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

Tgt Ion: 75 Resp: 152261
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0
110 39.7 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 56.790 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA_W

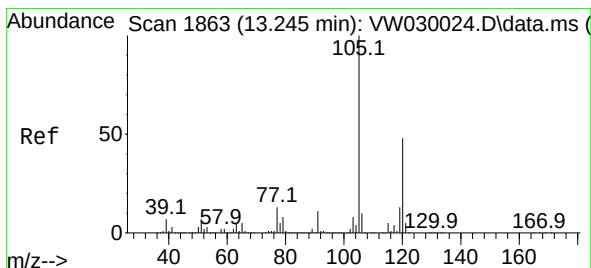
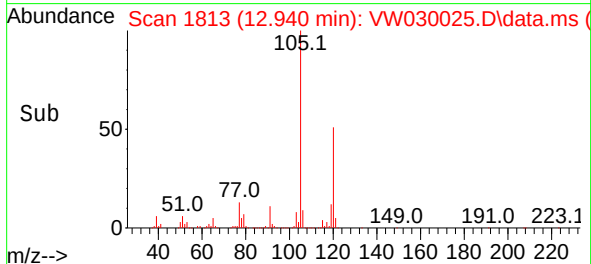
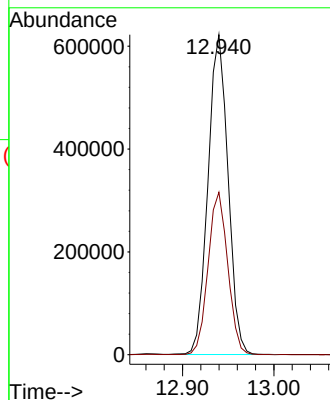
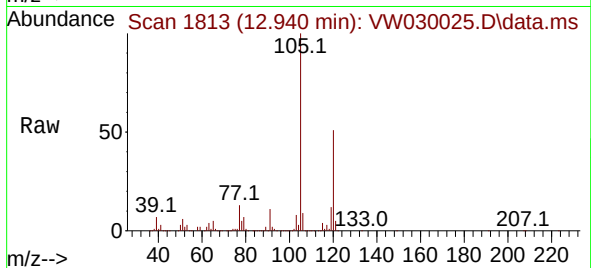
ClientSampleId :

Tgt Ion:105 Resp: 944375

Ion Ratio Lower Upper

105 100

120 49.9 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 54.559 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW030025.D

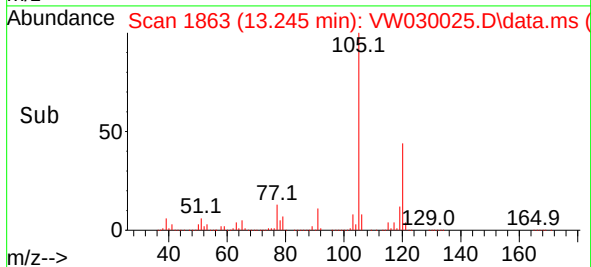
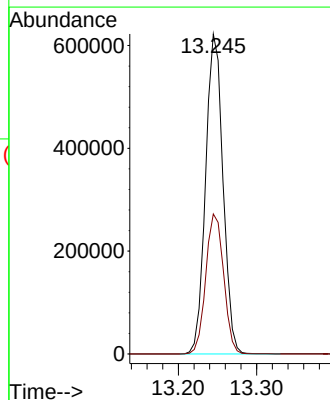
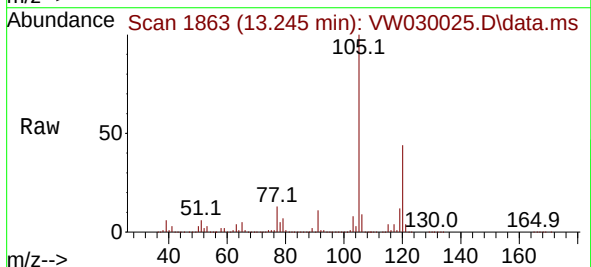
Acq: 26 Aug 2024 12:50

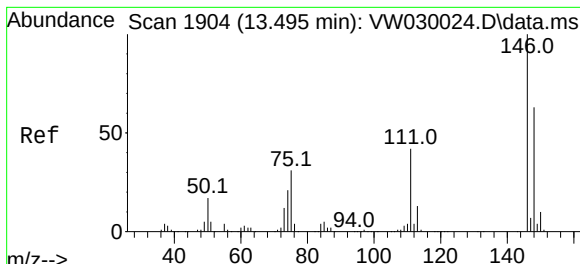
Tgt Ion:105 Resp: 956296

Ion Ratio Lower Upper

105 100

120 45.0 36.3 54.5

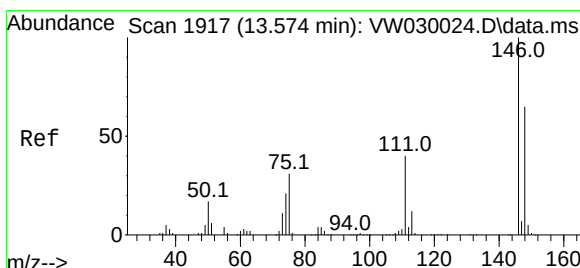
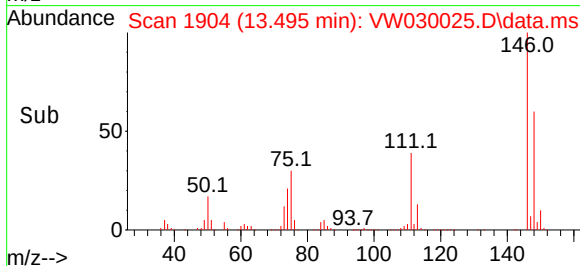
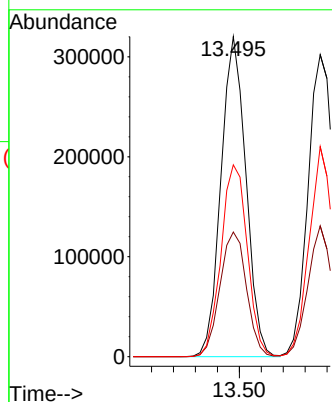
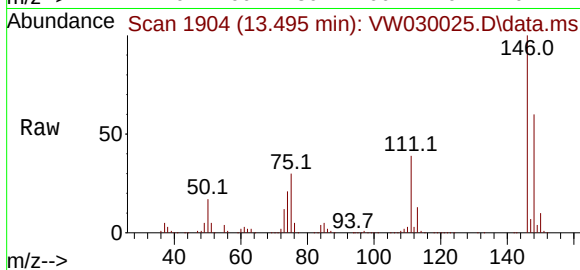




#64
1,3-Dichlorobenzene
Concen: 53.135 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

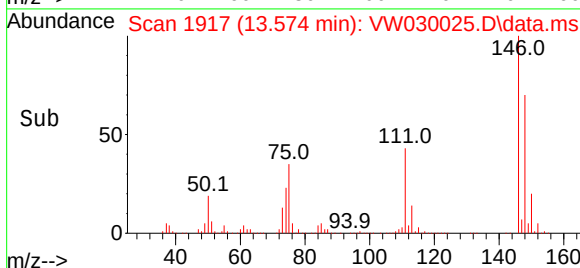
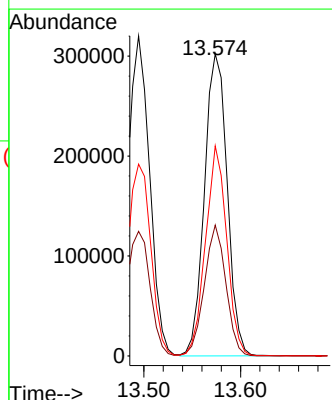
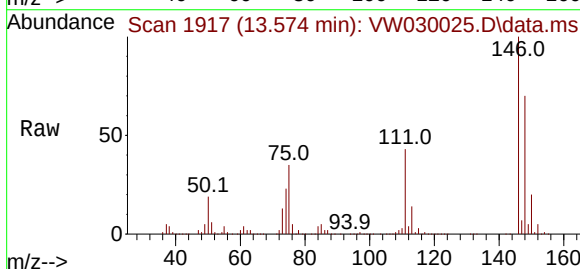
Instrument :
MSVOA_W
ClientSampleId :

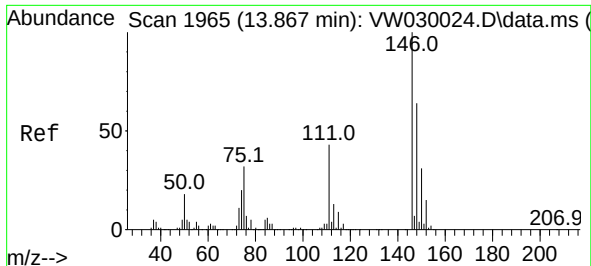
Tgt Ion:146 Resp: 506597
Ion Ratio Lower Upper
146 100
111 38.9 29.1 54.1
148 59.9 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 51.383 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

Tgt Ion:146 Resp: 494902
Ion Ratio Lower Upper
146 100
111 43.3 28.2 52.4
148 69.5 45.8 85.2

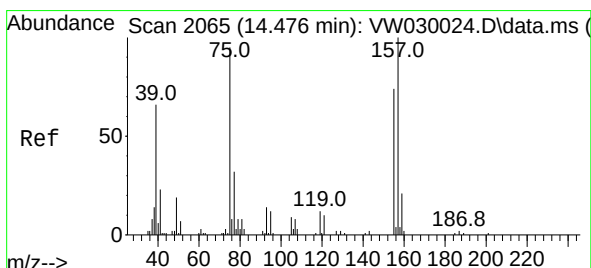
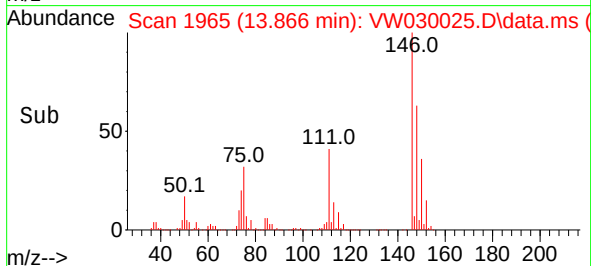
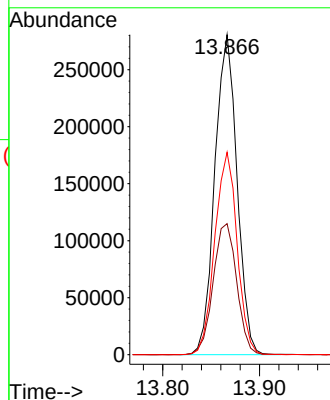
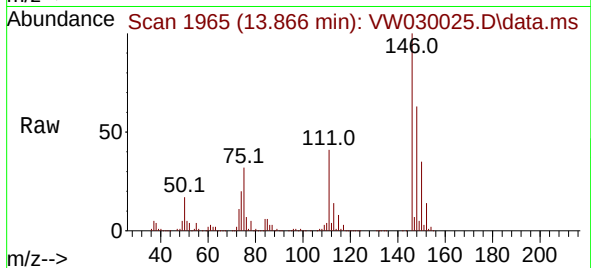




#67
1,2-Dichlorobenzene
Concen: 52.446 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

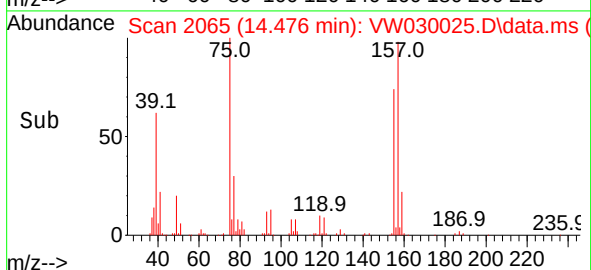
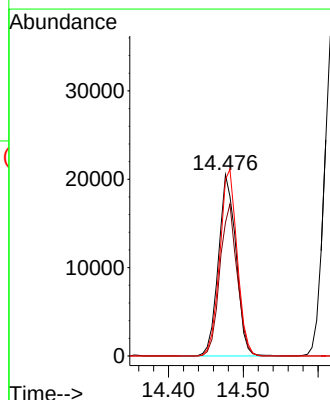
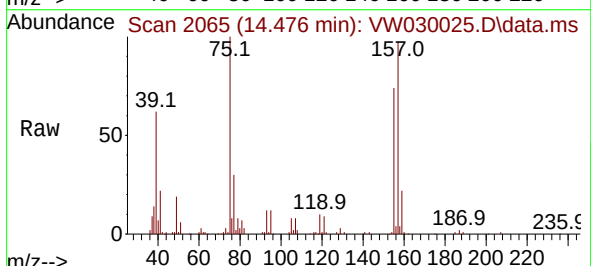
Instrument :
MSVOA_W
ClientSampleId :

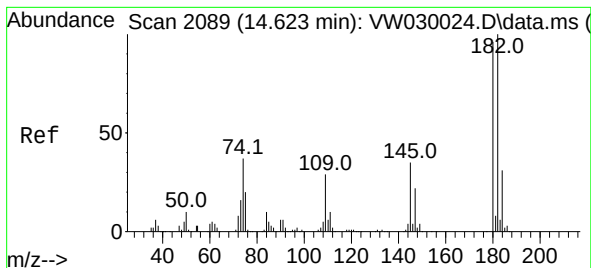
Tgt Ion:146 Resp: 447313
Ion Ratio Lower Upper
146 100
111 40.9 34.7 52.1
148 63.2 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 54.965 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

Tgt Ion: 75 Resp: 33536
Ion Ratio Lower Upper
75 100
155 73.6 62.8 94.2
157 97.3 84.3 126.5





#69

1,3,5-Trichlorobenzene

Concen: 50.124 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

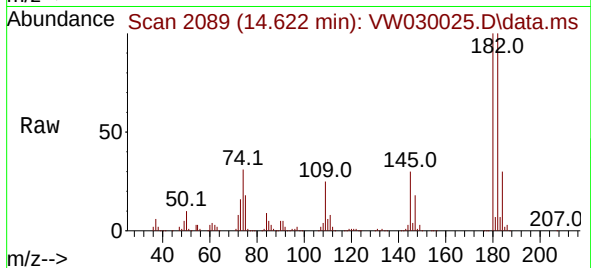
Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 312010

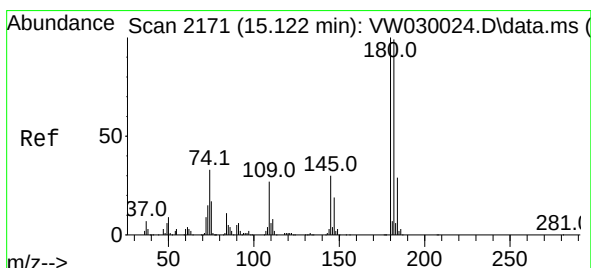
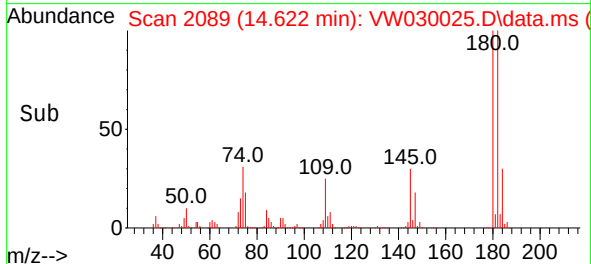
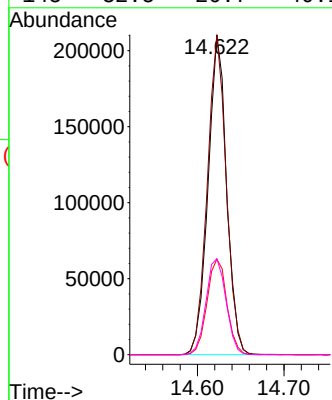
Ion Ratio Lower Upper

180 100

182 102.2 79.7 119.5

184 32.0 25.1 37.7

145 32.5 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 50.609 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW030025.D

Acq: 26 Aug 2024 12:50

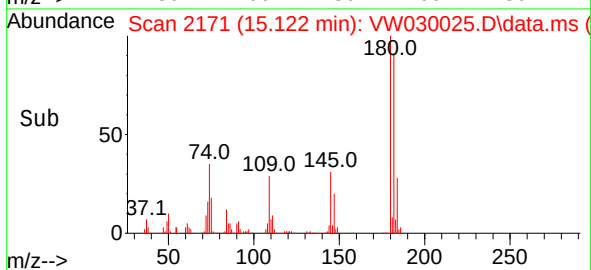
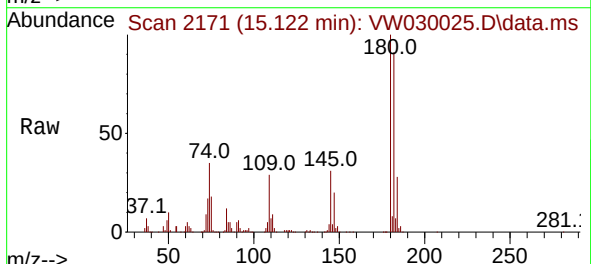
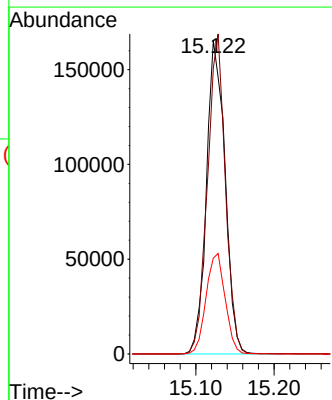
Tgt Ion:180 Resp: 272656

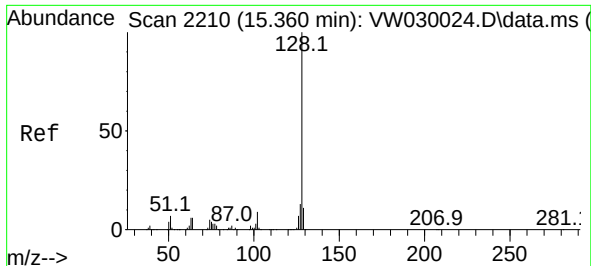
Ion Ratio Lower Upper

180 100

182 98.2 75.3 112.9

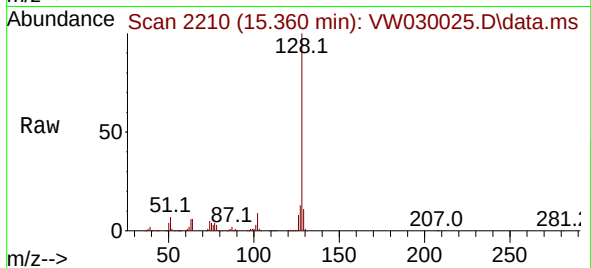
145 32.9 24.7 37.1



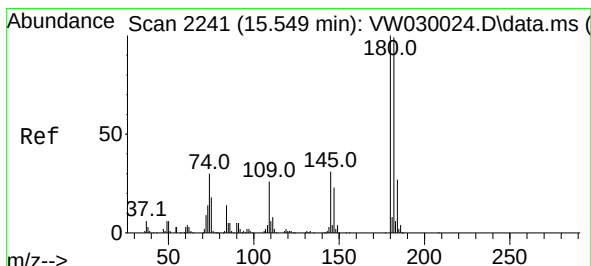
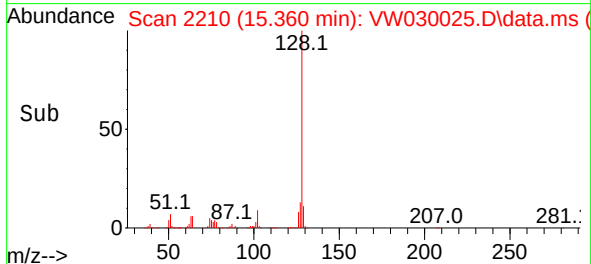
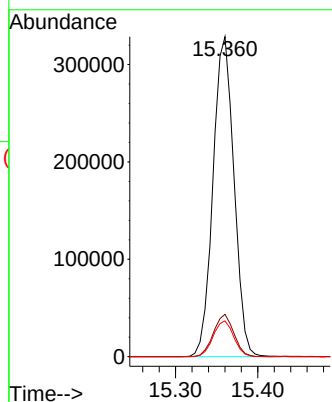


#71
Naphthalene
Concen: 56.639 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 582684
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.0 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 52.390 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW030025.D
Acq: 26 Aug 2024 12:50

Tgt Ion:180 Resp: 247747
Ion Ratio Lower Upper
180 100
182 90.1 77.2 115.8
145 32.2 26.5 39.7

