

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
 Data File : VW030477.D
 Acq On : 09 Oct 2024 16:39
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 10 01:26:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 10 01:20:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	374488	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	338626	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	167429	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	130405	22.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.600%
7) Chloroethane-d5	2.899	69	103951	23.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.320%
11) 1,1-Dichloroethene-d2	4.021	65	56041	22.890	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.560%
21) 2-Butanone-d5	7.075	46	48281	45.577	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.160%
24) Chloroform-d	7.648	84	260218	24.298	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	8.307	65	132830	23.852	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	8.276	84	485069	24.681	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.720%
36) 1,2-Dichloropropane-d6	9.270	67	139521	24.186	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.760%
41) Toluene-d8	10.325	98	459465	25.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.440%
43) trans-1,3-Dichloroprop...	10.581	79	61096	25.293	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.160%
47) 2-Hexanone-d5	10.922	63	38278	51.519	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	100137	23.637	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	146887	25.928	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	108406	22.657	ug/L	95
3) Chloromethane	2.222	50	141874	25.513	ug/L	96
5) Vinyl chloride	2.375	62	163850	23.959	ug/L	96
6) Bromomethane	2.795	94	110212	24.485	ug/L	94
8) Chloroethane	2.936	64	104727	25.051	ug/L	98
9) Trichlorofluoromethane	3.265	101	133140	21.758	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	127565	23.171	ug/L	99
12) 1,1-Dichloroethene	4.045	96	122356	24.353	ug/L	95
13) Acetone	4.118	43	84980	54.795	ug/L	97
14) Carbon disulfide	4.387	76	408710	24.911	ug/L	100
15) Methyl Acetate	4.673	43	46226	24.129	ug/L	97
16) Methylene chloride	4.923	84	136866	24.175	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	138497	25.546	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	198547	26.167	ug/L	98
19) 1,1-Dichloroethane	6.222	63	256123	25.418	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	148074	25.606	ug/L	93
22) 2-Butanone	7.167	43	90668	54.236	ug/L	99
23) Bromochloromethane	7.514	128	62239	24.603	ug/L	94
25) Chloroform	7.679	83	271774	25.239	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
 Data File : VW030477.D
 Acq On : 09 Oct 2024 16:39
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

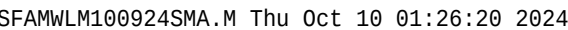
Instrument :
 MSVOA_W
 ClientSampleId :

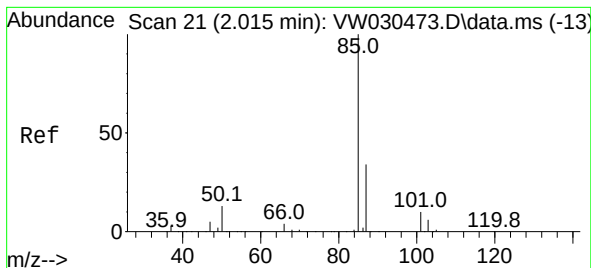
Quant Time: Oct 10 01:26:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 10 01:20:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	176091	24.788	ug/L	100
29) Cyclohexane	7.959	56	211258	25.629	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	231656	25.771	ug/L	97
31) Carbon tetrachloride	8.069	117	198517	24.726	ug/L	99
33) Benzene	8.325	78	570780	25.902	ug/L	100
34) Trichloroethene	9.093	95	155671	25.392	ug/L	95
35) Methylcyclohexane	9.331	83	239663	24.840	ug/L	99
37) 1,2-Dichloropropane	9.367	63	141022	25.623	ug/L	99
38) Bromodichloromethane	9.642	83	186425	25.459	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	224380	27.029	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	139114	52.615	ug/L	99
42) Toluene	10.385	91	628052	26.715	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	184799	26.491	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	98806	24.840	ug/L	98
46) Tetrachloroethene	10.861	164	113868	25.183	ug/L	99
48) 2-Hexanone	10.965	43	125129	57.871	ug/L	99
49) Dibromochloromethane	11.129	129	112580	25.366	ug/L	92
50) 1,2-Dibromoethane	11.233	107	92984	25.052	ug/L	99
51) Chlorobenzene	11.654	112	391774	25.887	ug/L	97
52) Ethylbenzene	11.727	91	729960	27.211	ug/L	97
53) m,p-Xylene	11.836	106	268024	26.669	ug/L	96
54) o-Xylene	12.160	106	247234	26.609	ug/L	94
55) Styrene	12.178	104	429599	27.046	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	109555	24.424	ug/L	95
59) Bromoform	12.349	173	60424	25.687	ug/L	99
60) Isopropylbenzene	12.464	105	700027	26.998	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	79746	24.477	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	573408	28.032	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	573158	28.618	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	295149	26.152	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	288563	24.762	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	261982	26.379	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	17460	24.035	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	198846	26.718	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	152435	25.442	ug/L	96
71) Naphthalene	15.360	128	287921	27.815	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	136671	26.313	ug/L	99

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

Quant Time: Oct 10 01:26:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 10 01:20:08 2024
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 22.657 ug/L

RT: 2.021 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

Instrument :

MSVOA_W

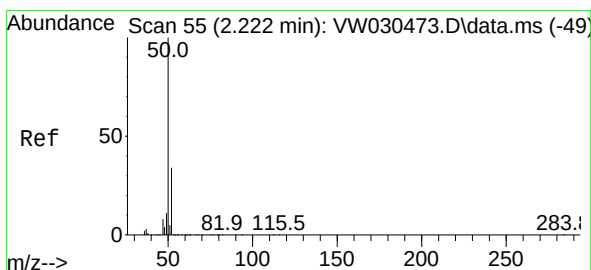
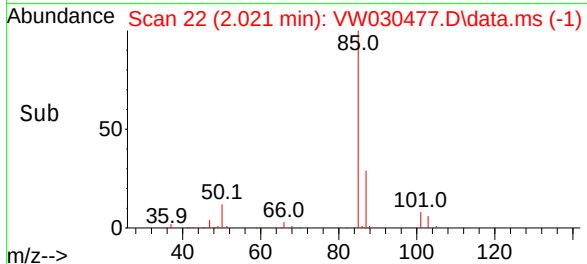
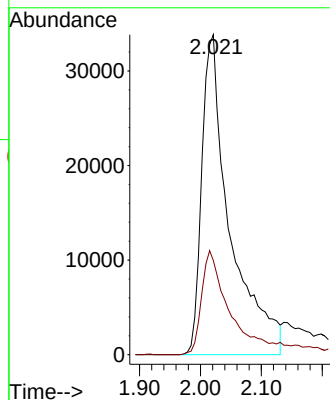
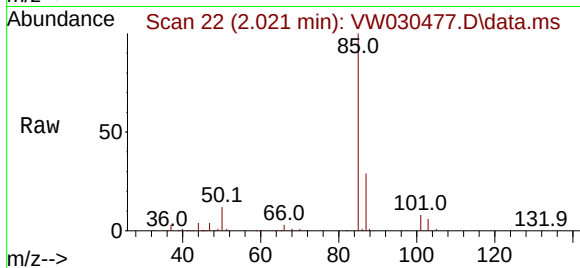
ClientSampleId :

Tgt Ion: 85 Resp: 108406

Ion Ratio Lower Upper

85 100

87 32.3 23.8 35.6



#3

Chloromethane

Concen: 25.513 ug/L

RT: 2.222 min Scan# 55

Delta R.T. -0.000 min

Lab File: VW030477.D

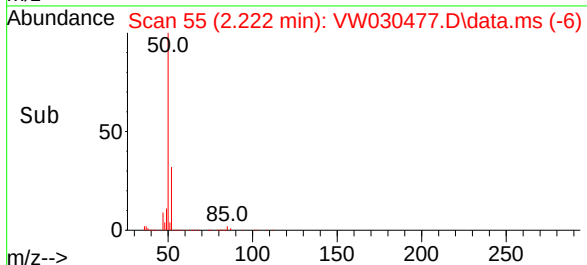
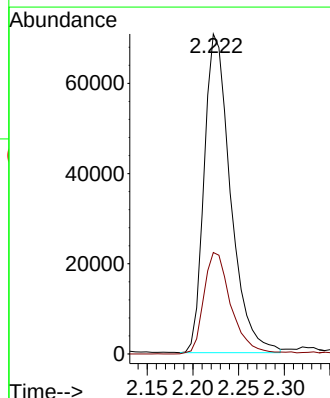
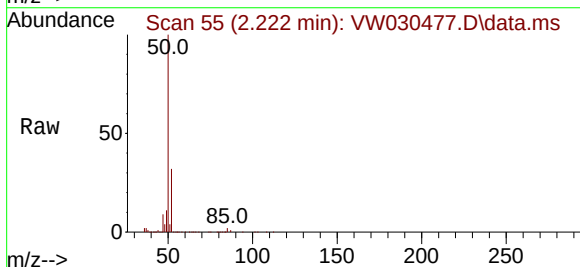
Acq: 09 Oct 2024 16:39

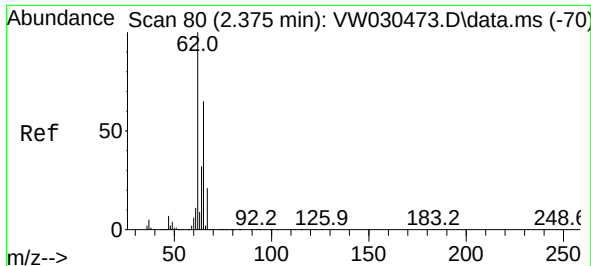
Tgt Ion: 50 Resp: 141874

Ion Ratio Lower Upper

50 100

52 31.7 23.7 43.9

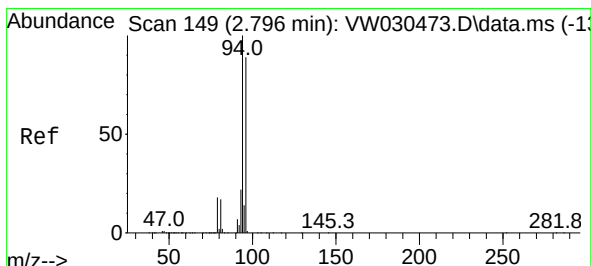
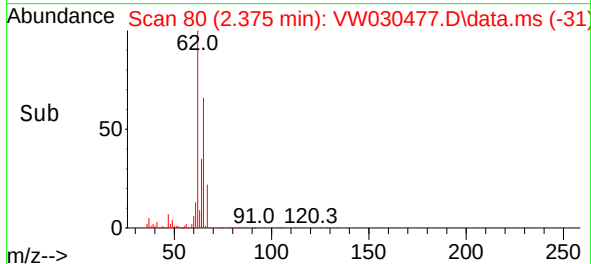
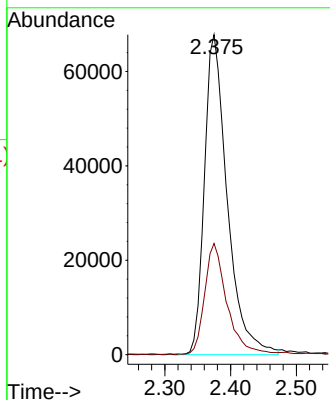
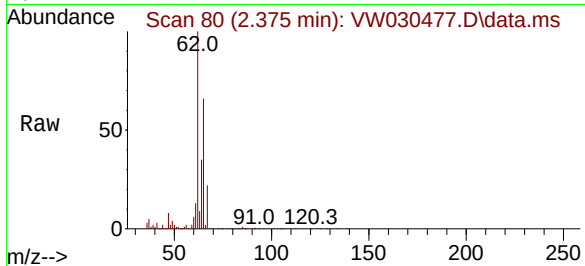




#5
 Vinyl chloride
 Concen: 23.959 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030477.D
 Acq: 09 Oct 2024 16:39

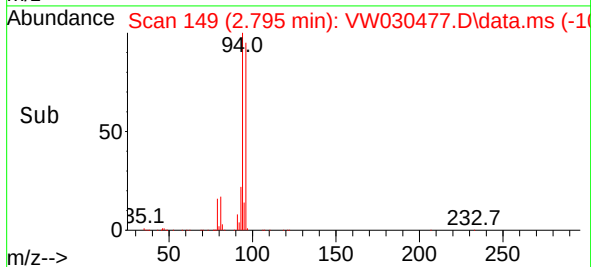
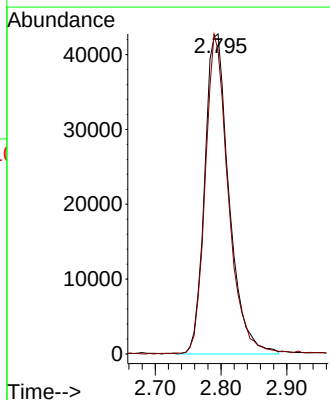
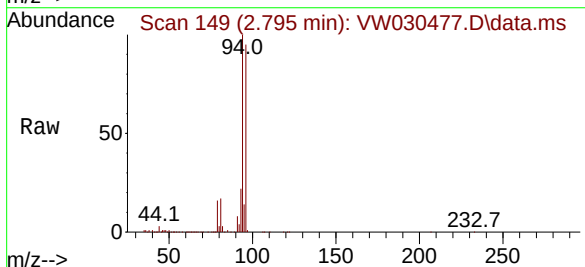
Instrument :
 MSVOA_W
 ClientSampleId :

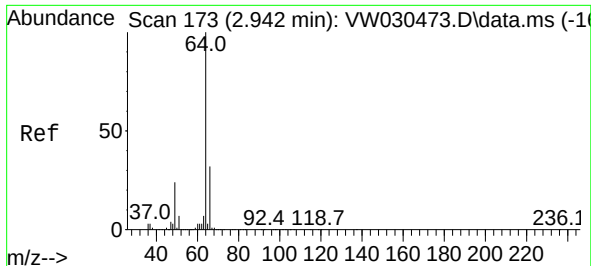
Tgt Ion: 62 Resp: 163850
 Ion Ratio Lower Upper
 62 100
 64 34.7 22.6 42.0



#6
 Bromomethane
 Concen: 24.485 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW030477.D
 Acq: 09 Oct 2024 16:39

Tgt Ion: 94 Resp: 110212
 Ion Ratio Lower Upper
 94 100
 96 94.8 62.6 116.2

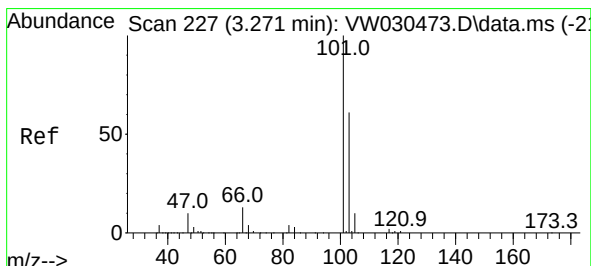
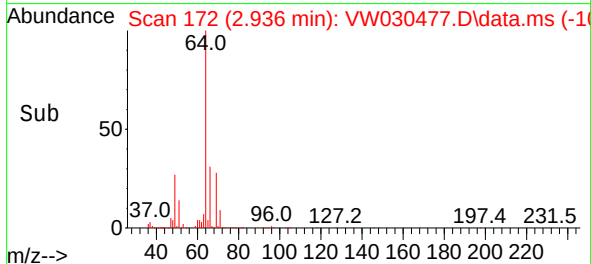
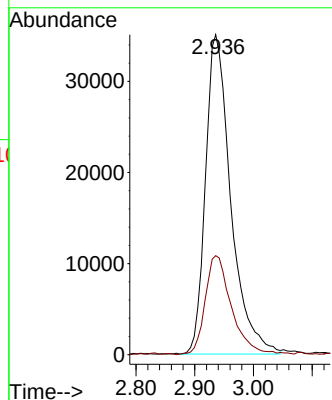
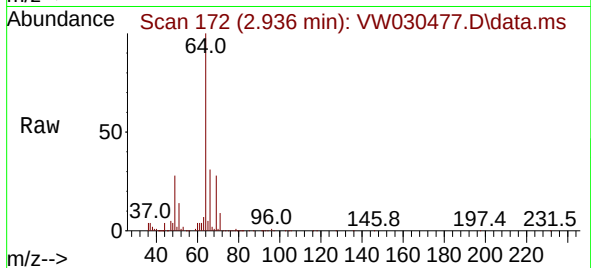




#8
Chloroethane
Concen: 25.051 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

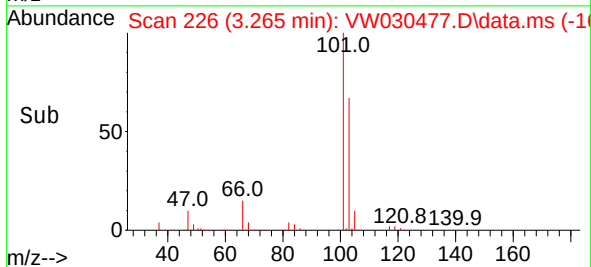
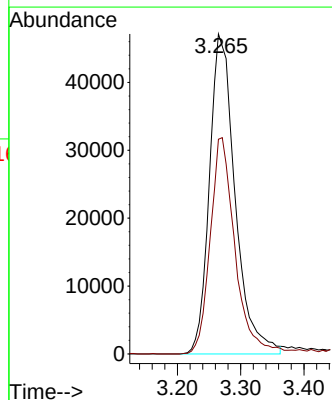
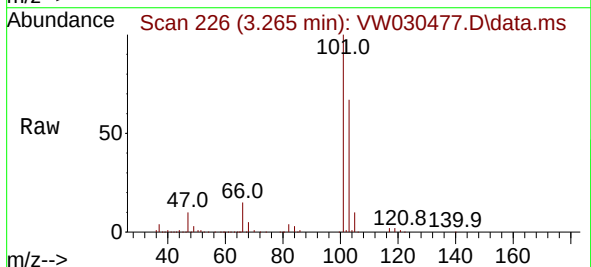
Instrument :
MSVOA_W
ClientSampleId :

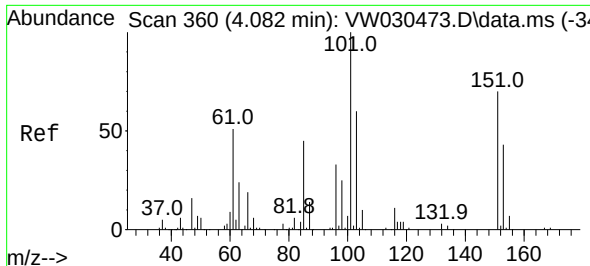
Tgt Ion: 64 Resp: 104727
Ion Ratio Lower Upper
64 100
66 31.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 21.758 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

Tgt Ion:101 Resp: 133140
Ion Ratio Lower Upper
101 100
103 65.2 51.1 76.7





#10

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

Concen: 23.171 ug/L

RT: 4.082 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

Instrument :

MSVOA_W

ClientSampleId :

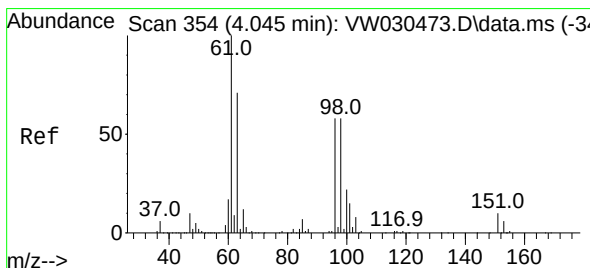
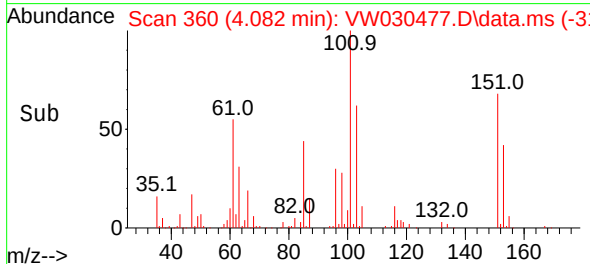
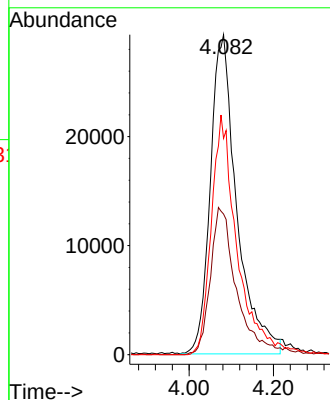
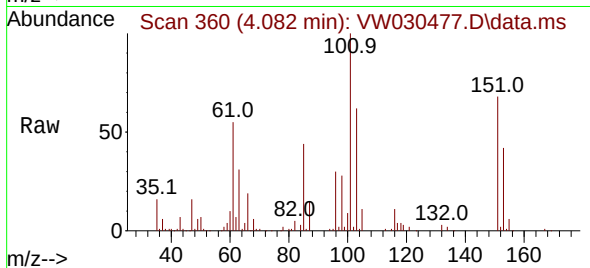
Tgt Ion:101 Resp: 127565

Ion Ratio Lower Upper

101 100

85 45.0 35.7 53.5

151 71.3 56.1 84.1



#12

1,1-Dichloroethene

Concen: 24.353 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

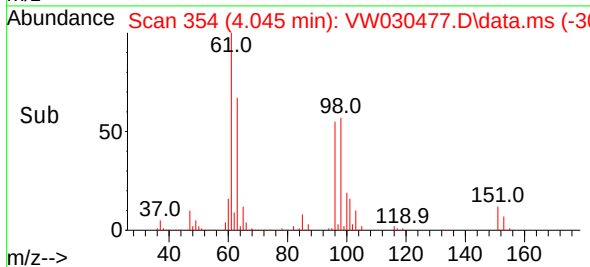
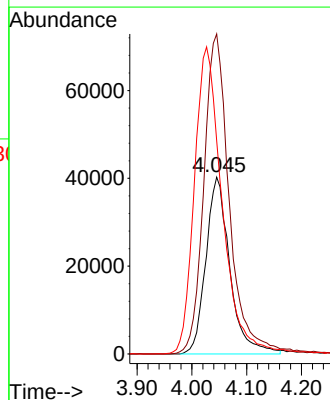
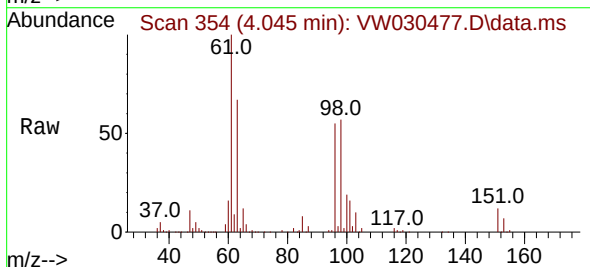
Tgt Ion: 96 Resp: 122356

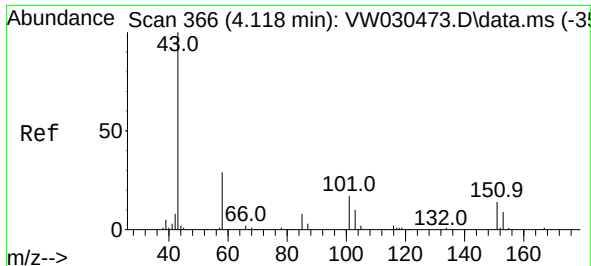
Ion Ratio Lower Upper

96 100

61 181.0 121.3 225.3

63 120.7 87.6 162.8





#13

Acetone

Concen: 54.795 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

Instrument :

MSVOA_W

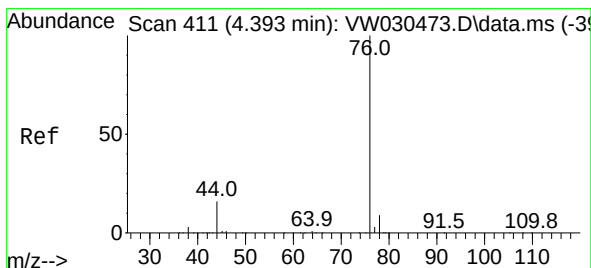
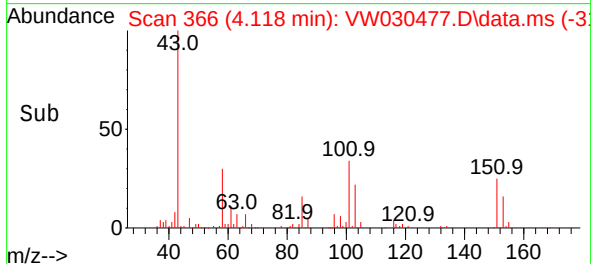
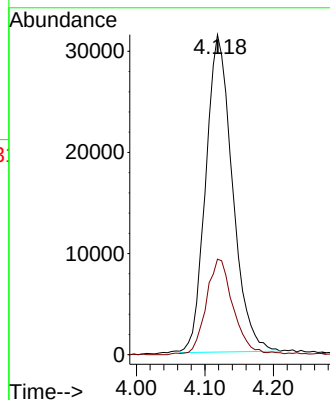
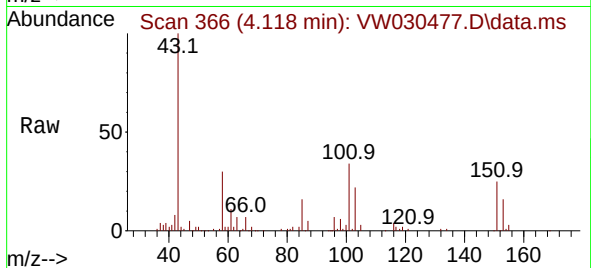
ClientSampleId :

Tgt Ion: 43 Resp: 84980

Ion Ratio Lower Upper

43 100

58 30.2 0.0 57.6



#14

Carbon disulfide

Concen: 24.911 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW030477.D

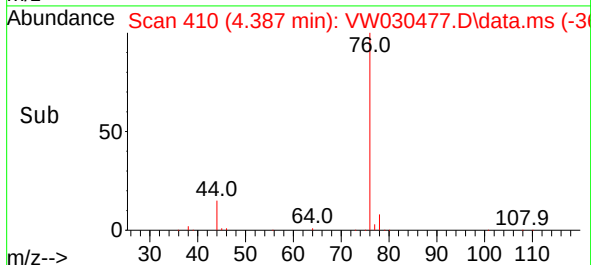
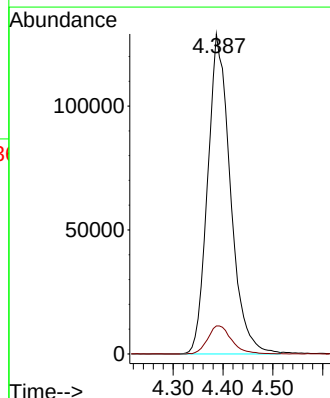
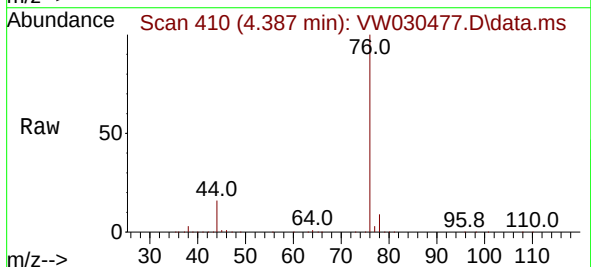
Acq: 09 Oct 2024 16:39

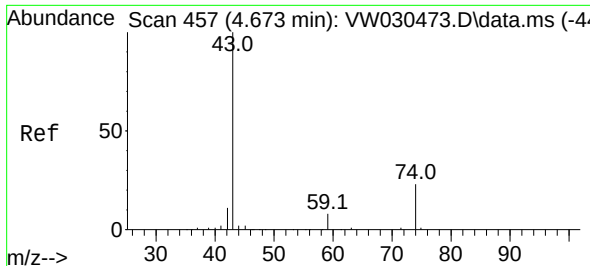
Tgt Ion: 76 Resp: 408710

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7

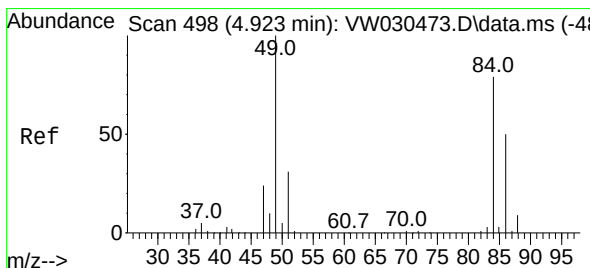
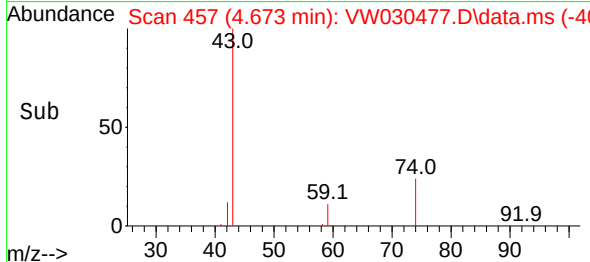
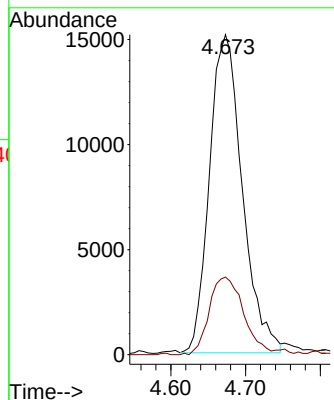
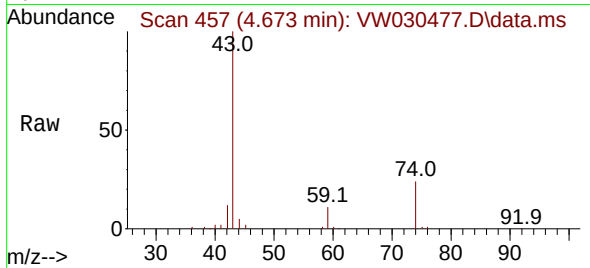




#15
Methyl Acetate
Concen: 24.129 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

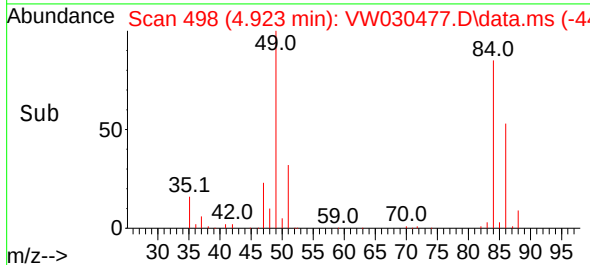
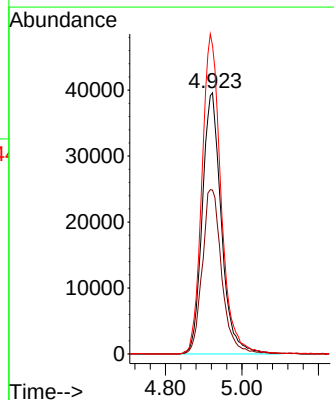
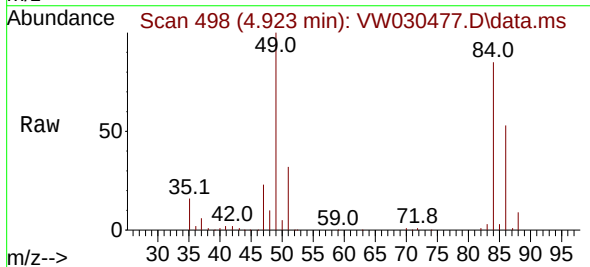
Instrument :
MSVOA_W
ClientSampleId :

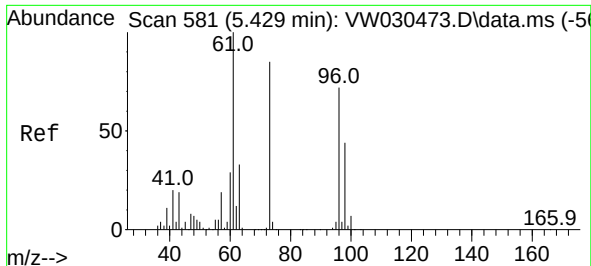
Tgt Ion: 43 Resp: 46226
Ion Ratio Lower Upper
43 100
74 25.3 19.3 28.9



#16
Methylene chloride
Concen: 24.175 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

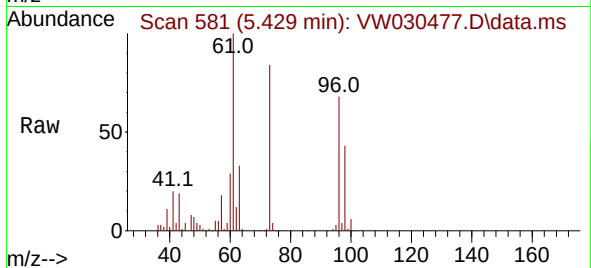
Tgt Ion: 84 Resp: 136866
Ion Ratio Lower Upper
84 100
86 62.7 43.8 81.3
49 118.0 88.3 164.1





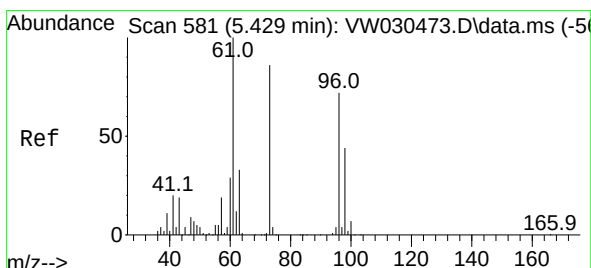
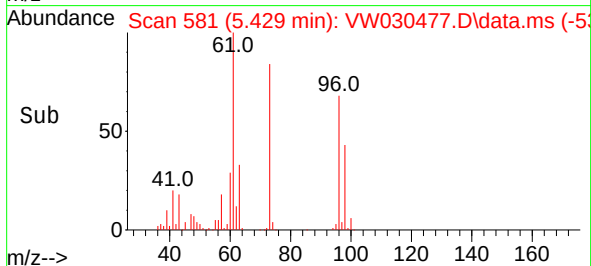
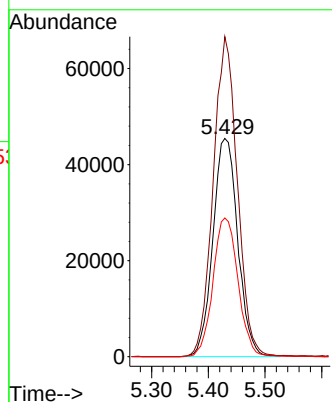
#17
trans-1,2-Dichloroethene
Concen: 25.546 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 138497

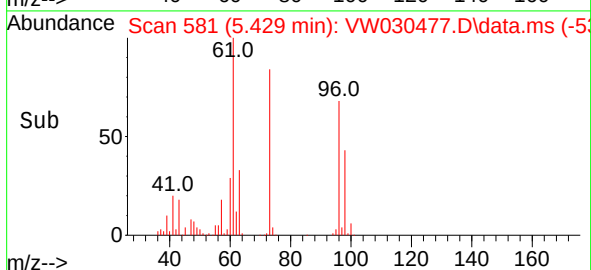
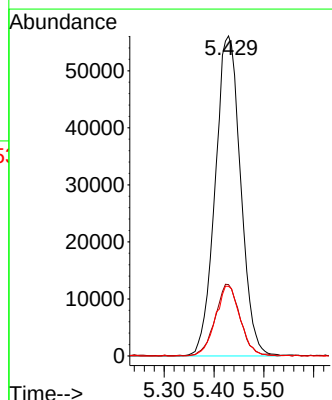
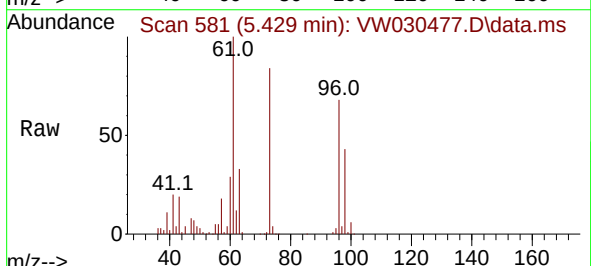
Ion	Ratio	Lower	Upper
96	100		
61	146.6	96.9	179.9
98	63.6	42.2	78.4

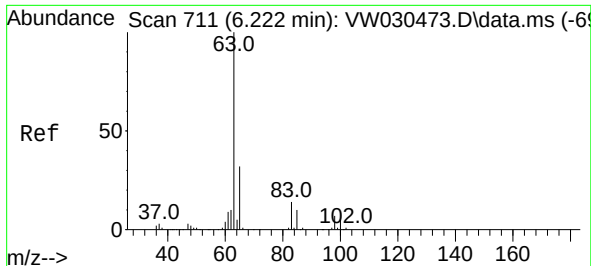


#18
Methyl tert-butyl Ether
Concen: 26.167 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

Tgt Ion: 73 Resp: 198547

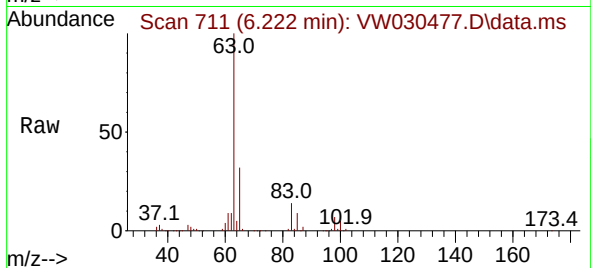
Ion	Ratio	Lower	Upper
73	100		
43	21.5	18.1	27.1
57	21.2	17.7	26.5



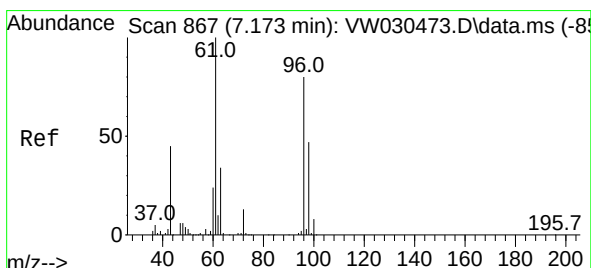
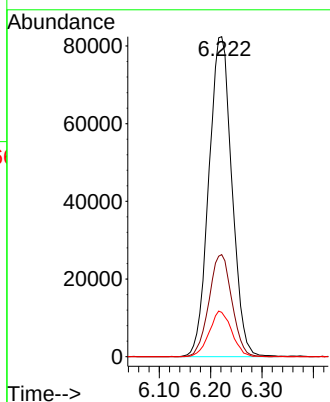
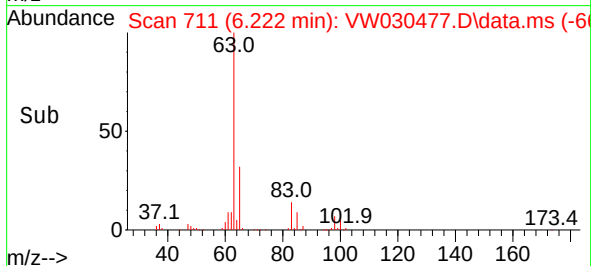


#19
 1,1-Dichloroethane
 Concen: 25.418 ug/L
 RT: 6.222 min Scan# 711
 Delta R.T. -0.000 min
 Lab File: VW030477.D
 Acq: 09 Oct 2024 16:39

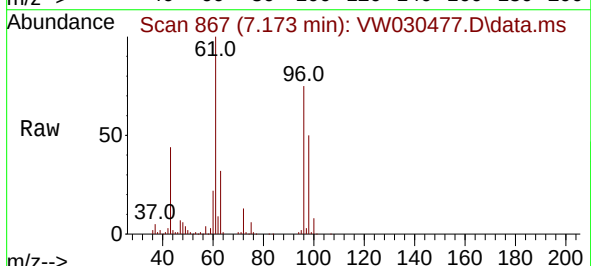
Instrument :
 MSVOA_W
 ClientSampleId :



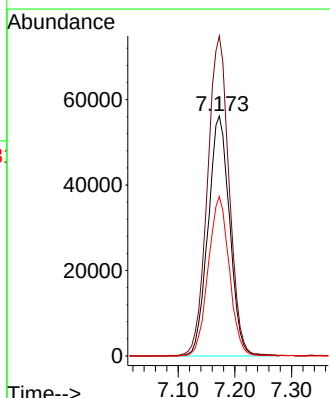
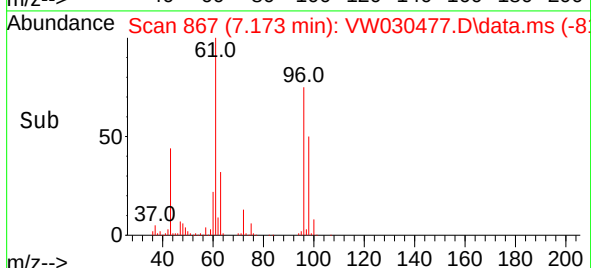
Tgt Ion: 63 Resp: 256123
 Ion Ratio Lower Upper
 63 100
 65 31.9 22.5 41.9
 83 13.9 9.8 18.2

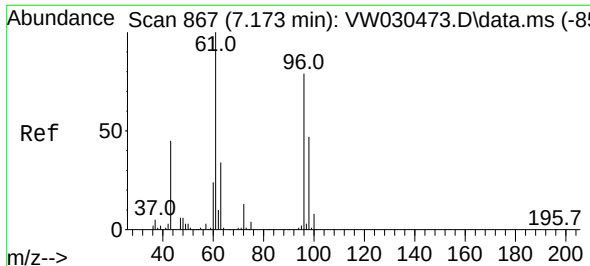


#20
 cis-1,2-Dichloroethene
 Concen: 25.606 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. -0.000 min
 Lab File: VW030477.D
 Acq: 09 Oct 2024 16:39



Tgt Ion: 96 Resp: 148074
 Ion Ratio Lower Upper
 96 100
 61 133.3 88.3 163.9
 98 66.4 41.3 76.7

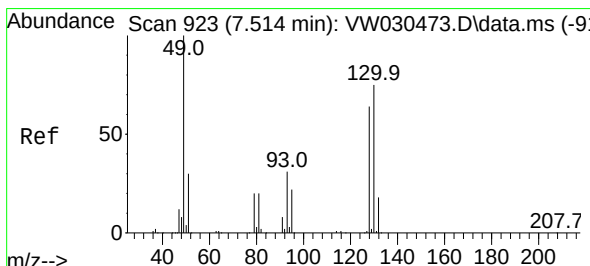
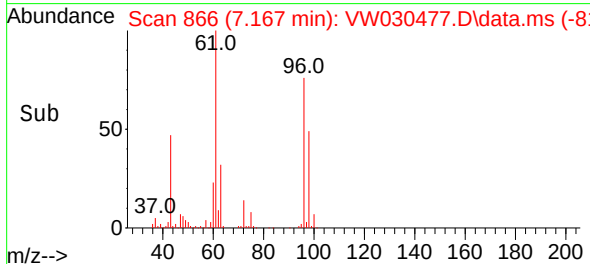
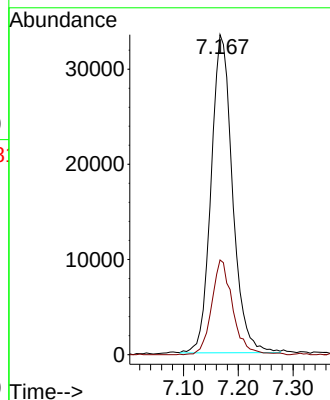
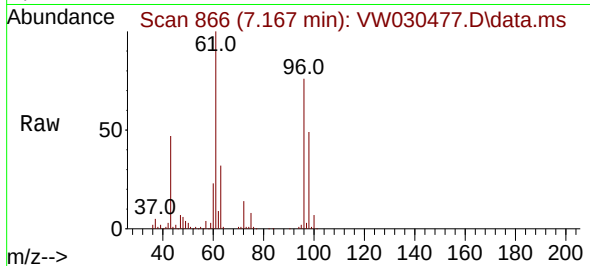




#22
2-Butanone
Concen: 54.236 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

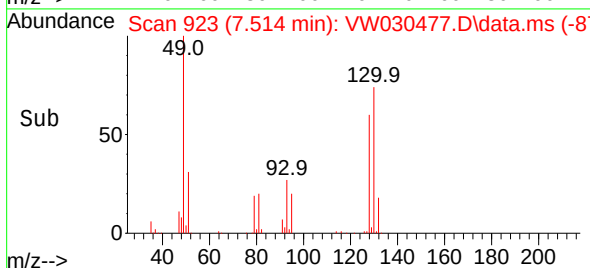
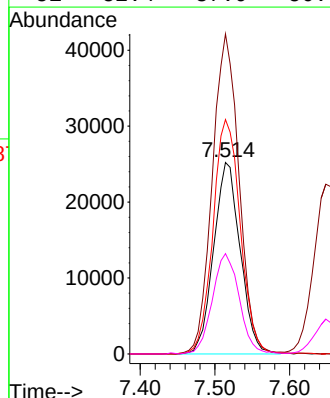
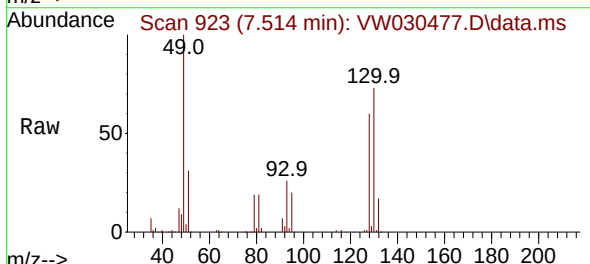
Instrument :
MSVOA_W
ClientSampleId :

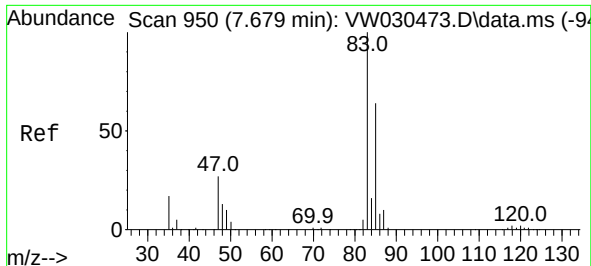
Tgt Ion: 43 Resp: 90668
Ion Ratio Lower Upper
43 100
72 29.0 14.4 43.0



#23
Bromochloromethane
Concen: 24.603 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

Tgt Ion: 128 Resp: 62239
Ion Ratio Lower Upper
128 100
49 167.1 110.1 204.5
130 122.4 82.9 153.9
51 52.4 37.9 56.9





#25

Chloroform

Concen: 25.239 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

Instrument :

MSVOA_W

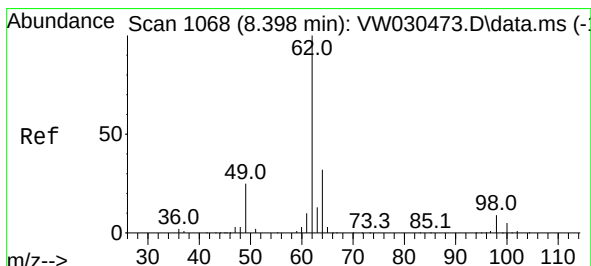
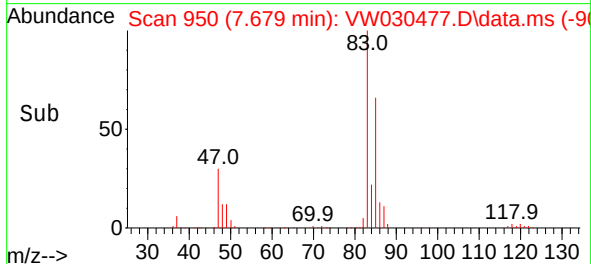
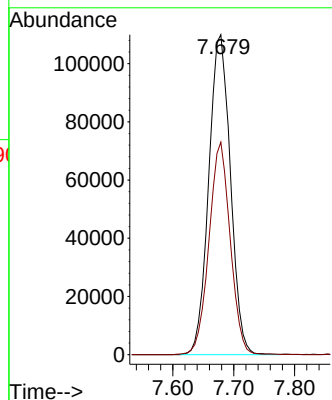
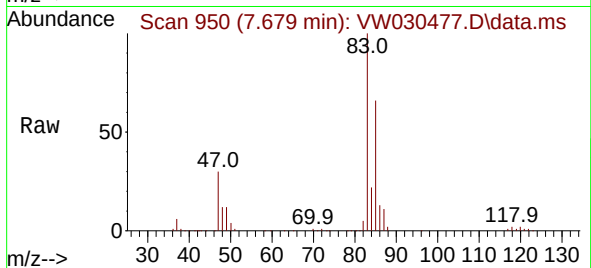
ClientSampleId :

Tgt Ion: 83 Resp: 271774

Ion Ratio Lower Upper

83 100

85 66.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 24.788 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030477.D

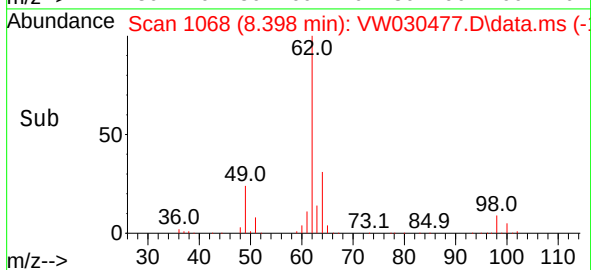
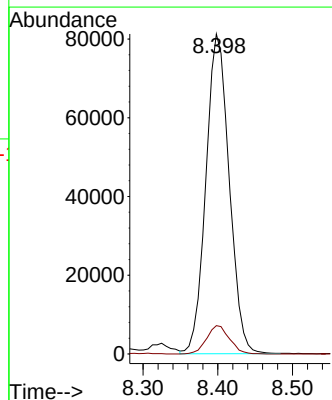
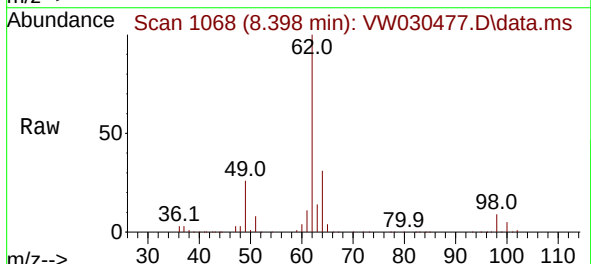
Acq: 09 Oct 2024 16:39

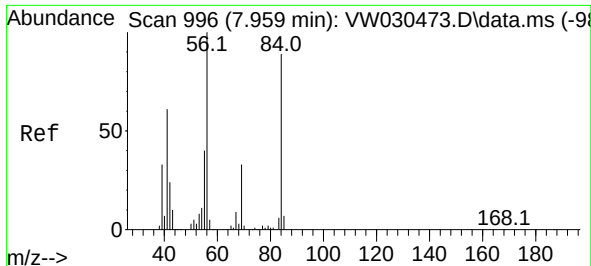
Tgt Ion: 62 Resp: 176091

Ion Ratio Lower Upper

62 100

98 8.9 7.0 10.6





#29

Cyclohexane

Concen: 25.629 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

Instrument :

MSVOA_W

ClientSampleId :

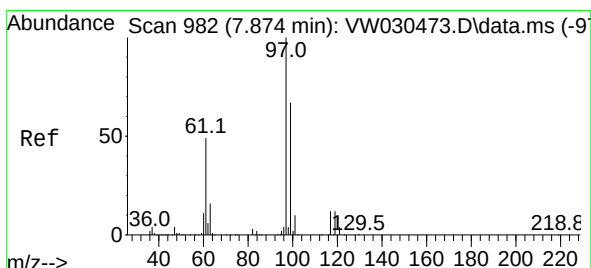
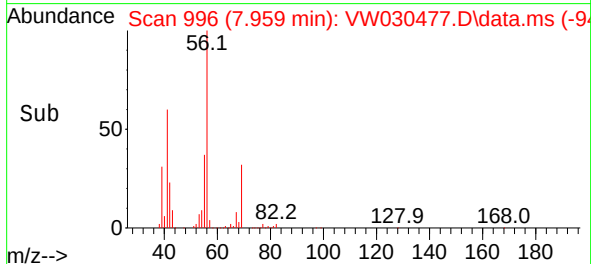
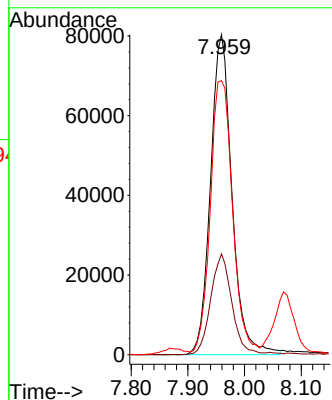
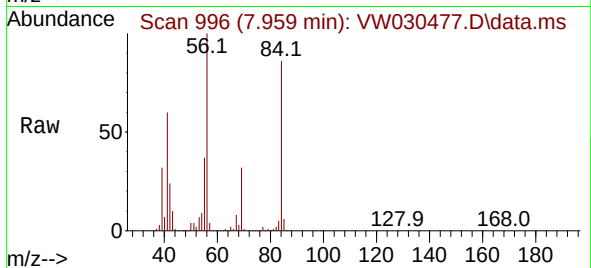
Tgt Ion: 56 Resp: 211258

Ion Ratio Lower Upper

56 100

69 30.9 25.4 38.0

84 88.8 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 25.771 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

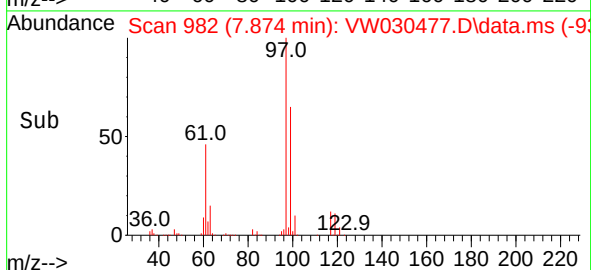
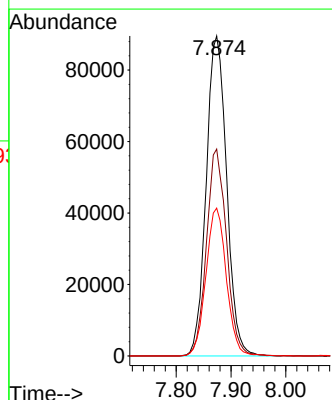
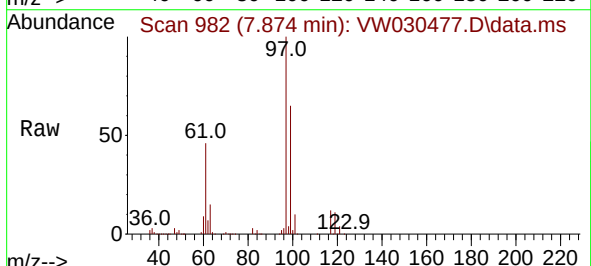
Tgt Ion: 97 Resp: 231656

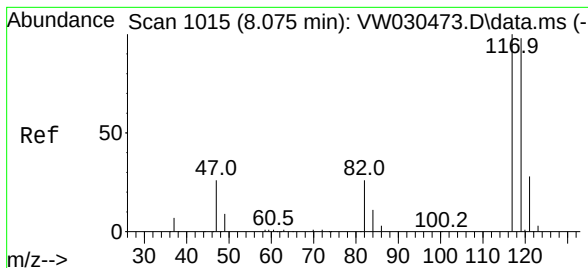
Ion Ratio Lower Upper

97 100

99 63.3 52.3 78.5

61 46.1 38.5 57.7





#31

Carbon tetrachloride

Concen: 24.726 ug/L

RT: 8.069 min Scan# 1015

Delta R.T. -0.006 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

Instrument :

MSVOA_W

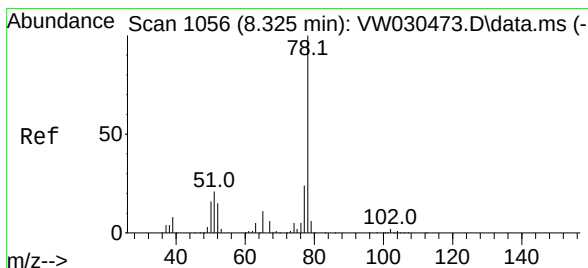
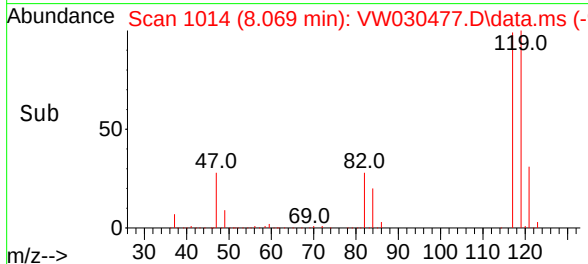
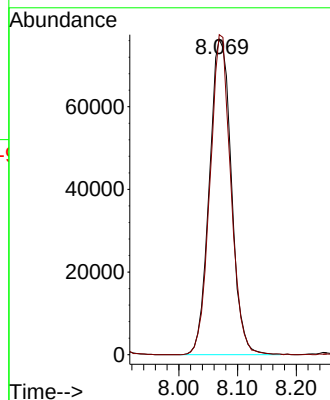
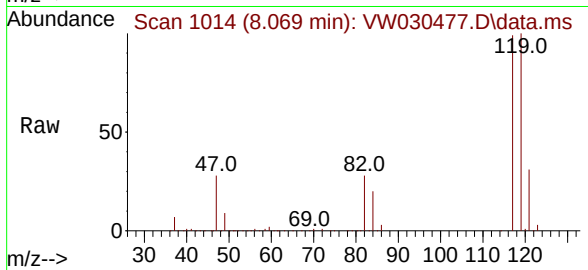
ClientSampleId :

Tgt Ion:117 Resp: 198517

Ion Ratio Lower Upper

117 100

119 95.9 77.8 116.8



#33

Benzene

Concen: 25.902 ug/L

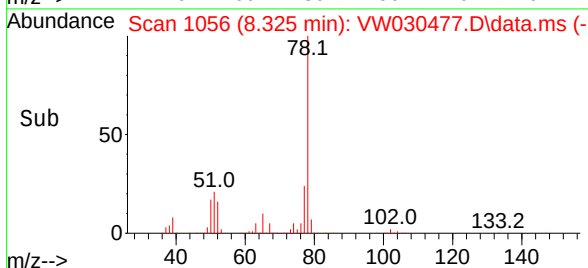
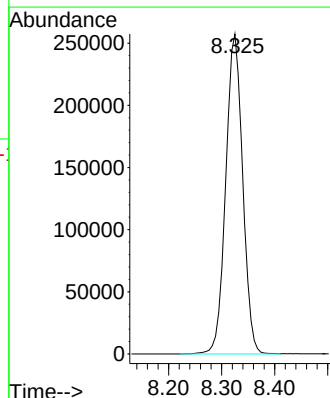
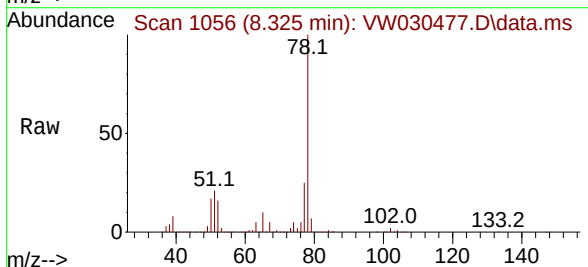
RT: 8.325 min Scan# 1056

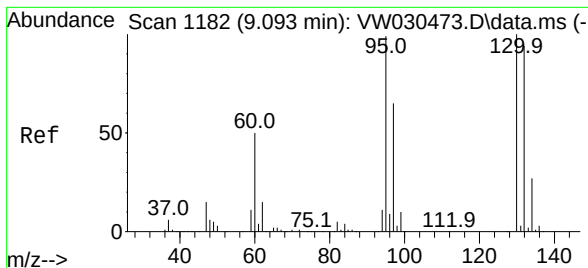
Delta R.T. -0.000 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

Tgt Ion: 78 Resp: 570780





#34

Trichloroethene

Concen: 25.392 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 155671

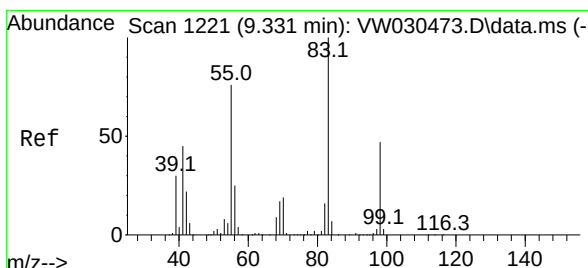
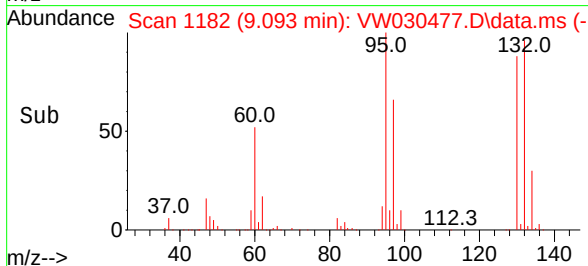
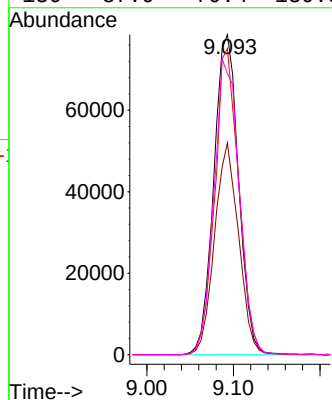
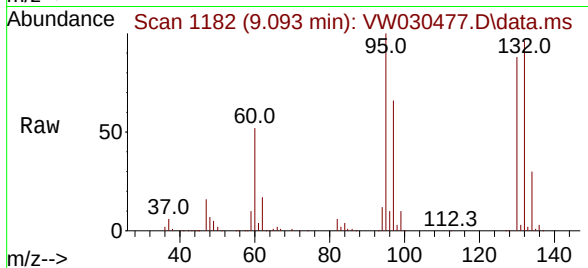
Ion Ratio Lower Upper

95 100

97 66.2 45.9 85.3

132 95.7 66.4 123.2

130 87.9 70.4 130.8



#35

Methylcyclohexane

Concen: 24.840 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

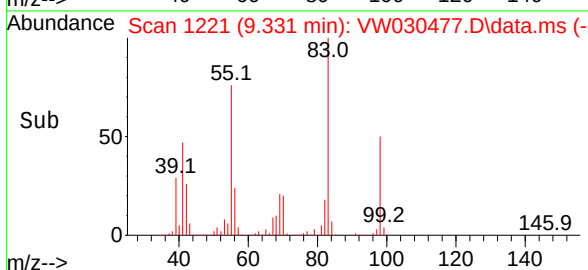
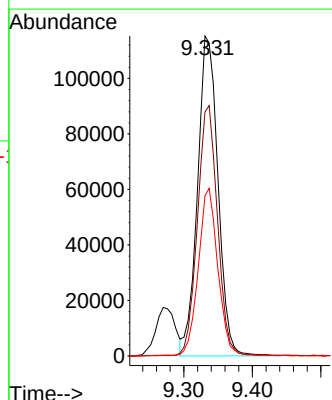
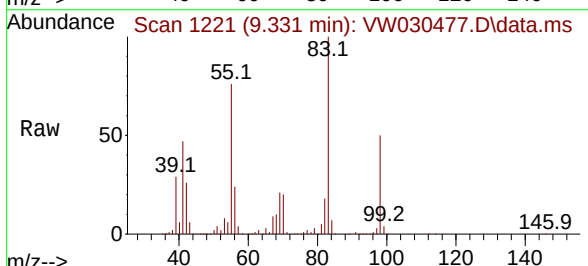
Tgt Ion: 83 Resp: 239663

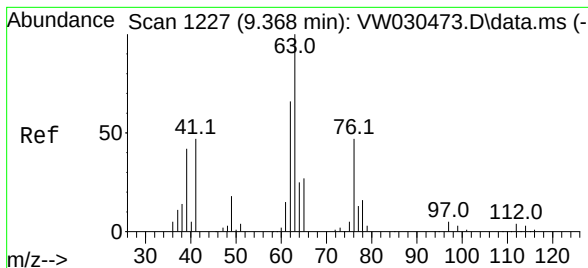
Ion Ratio Lower Upper

83 100

55 76.4 61.8 92.8

98 49.8 39.3 58.9





#37

1,2-Dichloropropane

Concen: 25.623 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

Instrument :

MSVOA_W

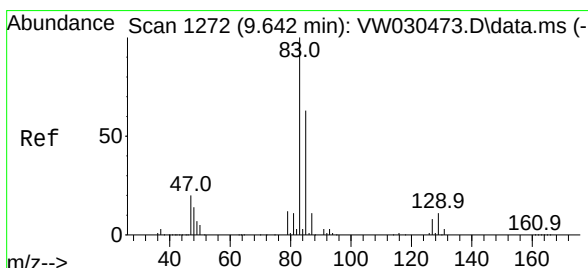
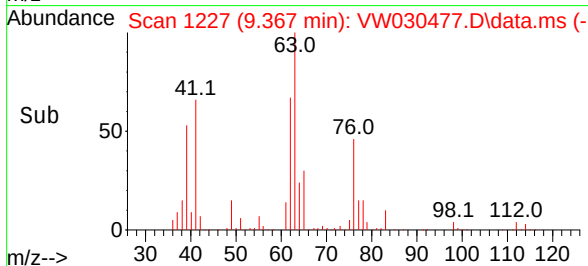
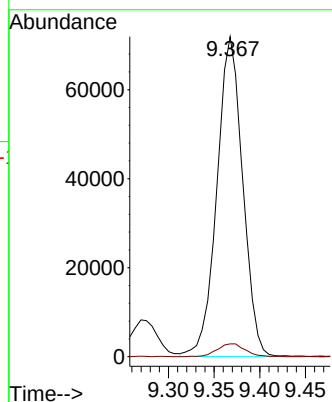
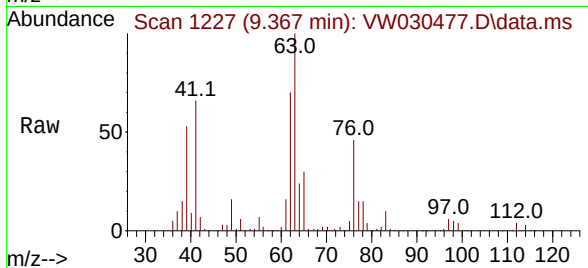
ClientSampleId :

Tgt Ion: 63 Resp: 141022

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5



#38

Bromodichloromethane

Concen: 25.459 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

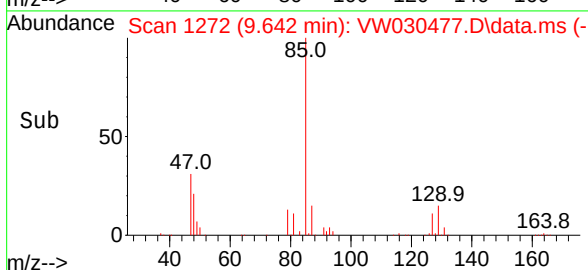
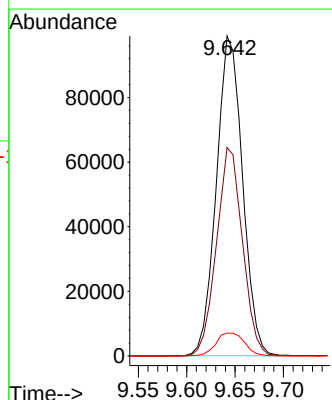
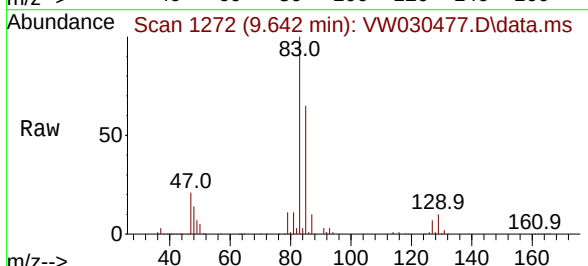
Tgt Ion: 83 Resp: 186425

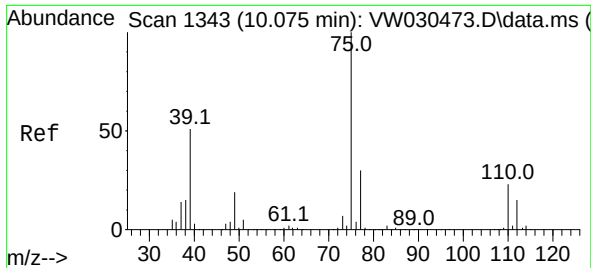
Ion Ratio Lower Upper

83 100

85 65.1 44.2 82.0

127 7.2 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 27.029 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

Instrument :

MSVOA_W

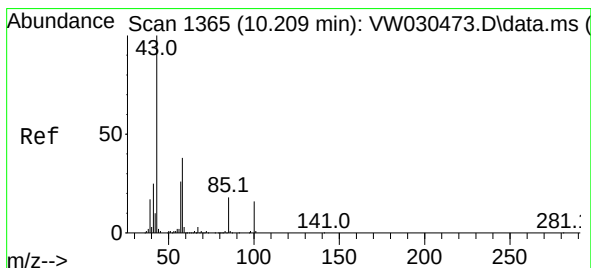
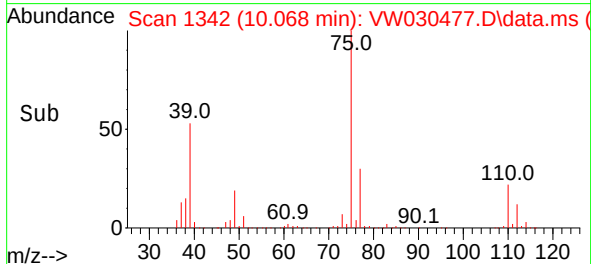
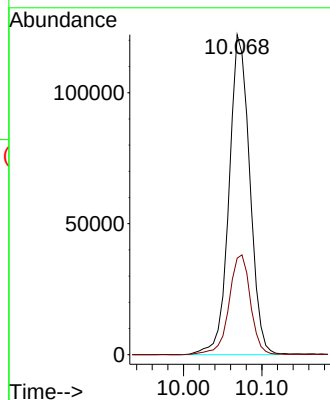
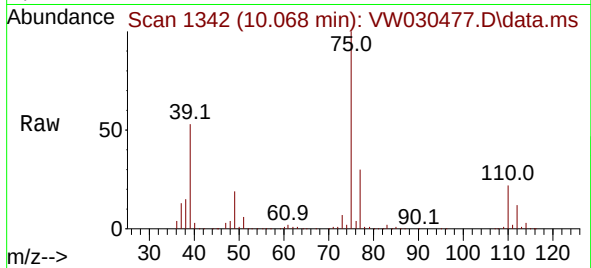
ClientSampleId :

Tgt Ion: 75 Resp: 224380

Ion Ratio Lower Upper

75 100

77 30.2 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 52.615 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

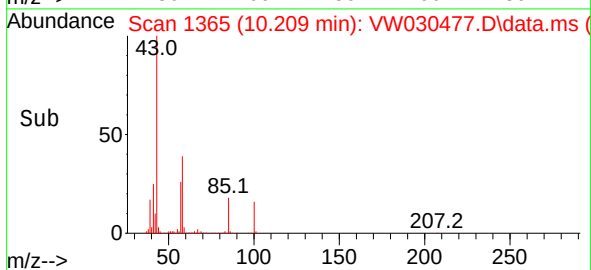
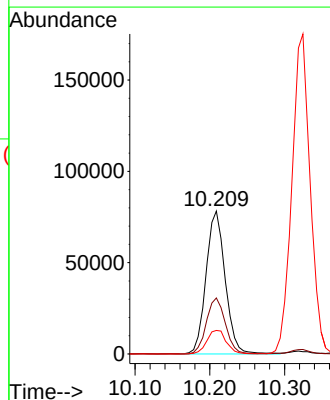
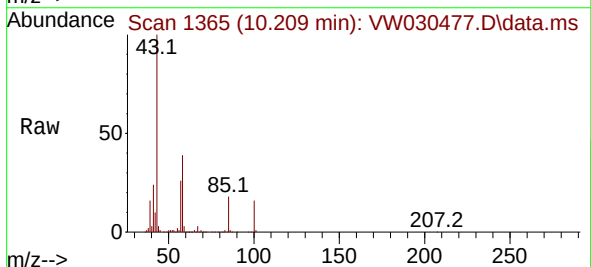
Tgt Ion: 43 Resp: 139114

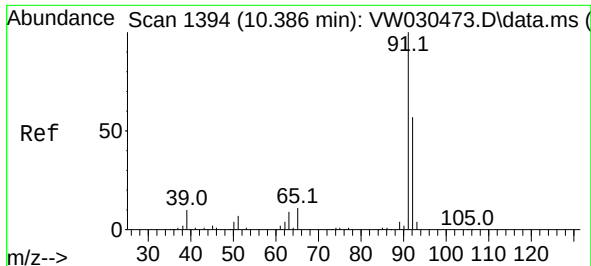
Ion Ratio Lower Upper

43 100

58 38.9 31.4 47.2

100 16.9 13.1 19.7

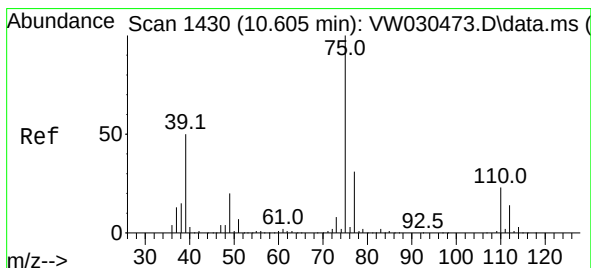
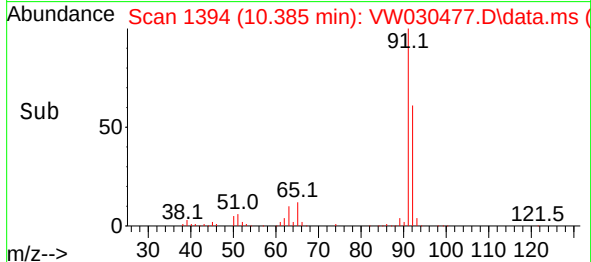
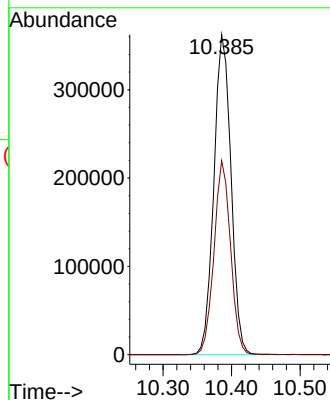
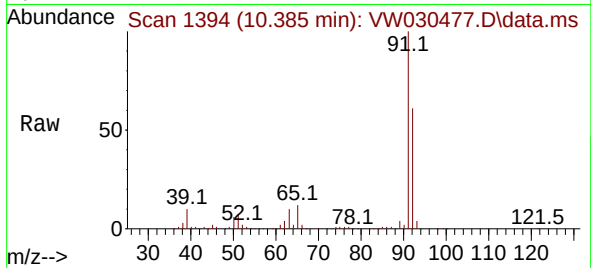




#42
Toluene
Concen: 26.715 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

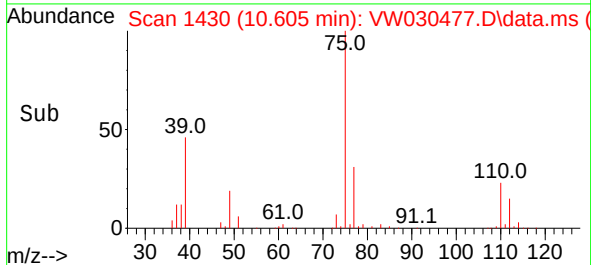
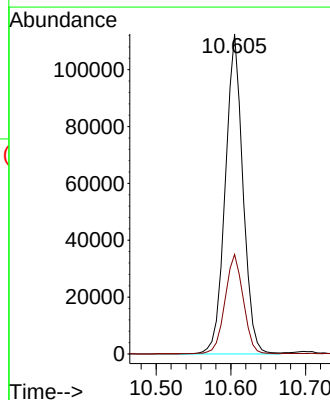
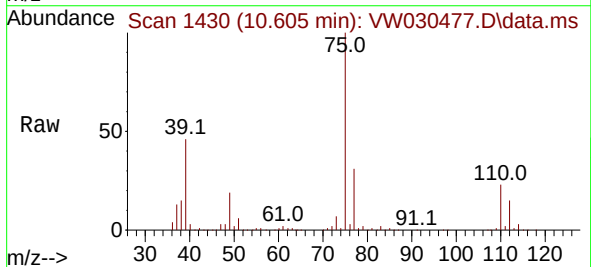
Instrument :
MSVOA_W
ClientSampleId :

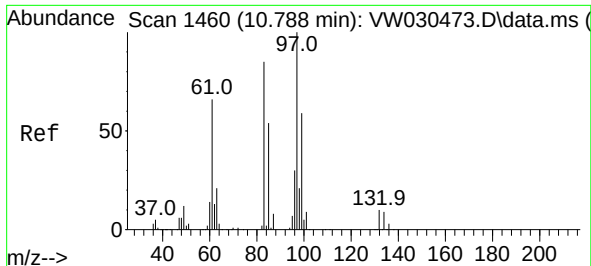
Tgt Ion: 91 Resp: 628052
Ion Ratio Lower Upper
91 100
92 60.6 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 26.491 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

Tgt Ion: 75 Resp: 184799
Ion Ratio Lower Upper
75 100
77 31.1 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 24.840 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 98806

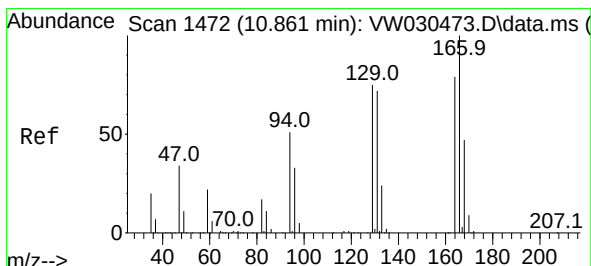
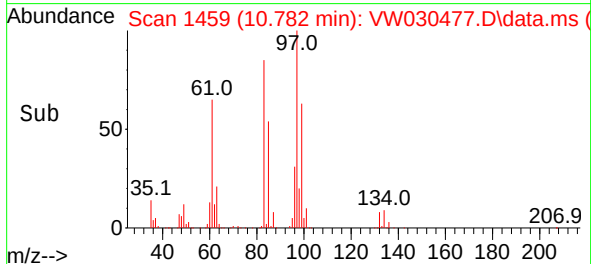
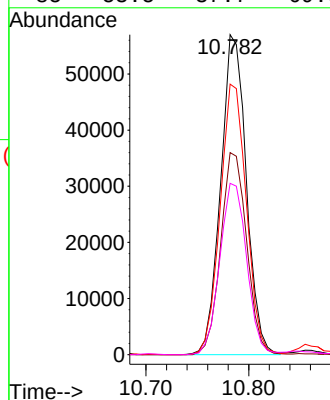
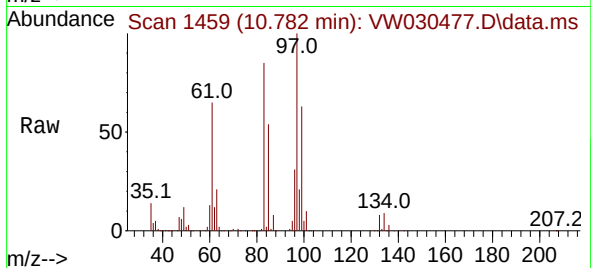
Ion Ratio Lower Upper

97 100

99 63.2 41.2 76.6

83 84.5 59.6 110.6

85 53.5 37.7 69.9



#46

Tetrachloroethene

Concen: 25.183 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

Tgt Ion:164 Resp: 113868

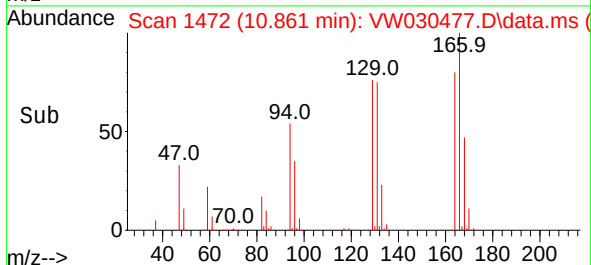
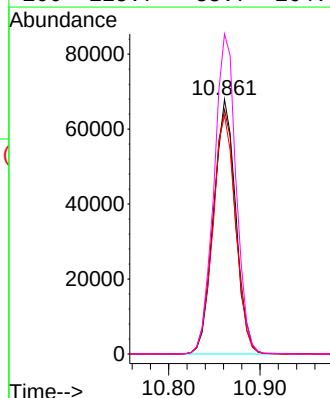
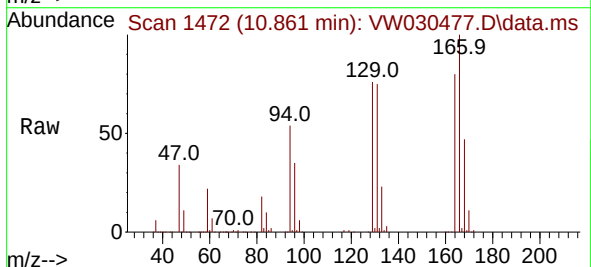
Ion Ratio Lower Upper

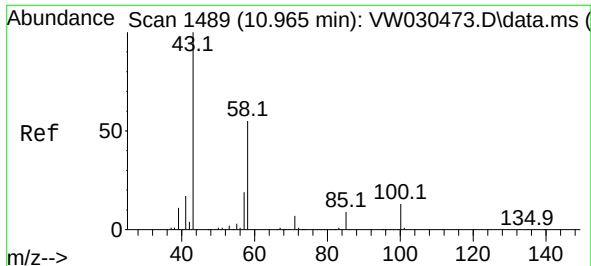
164 100

129 96.0 66.6 123.6

131 93.8 63.7 118.3

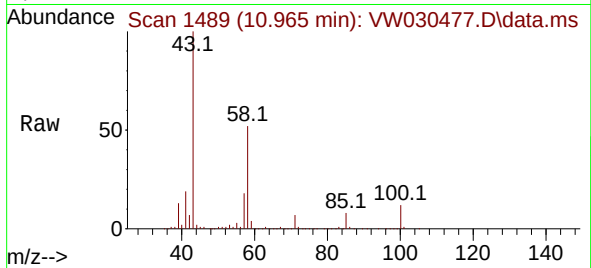
166 125.7 88.7 164.7



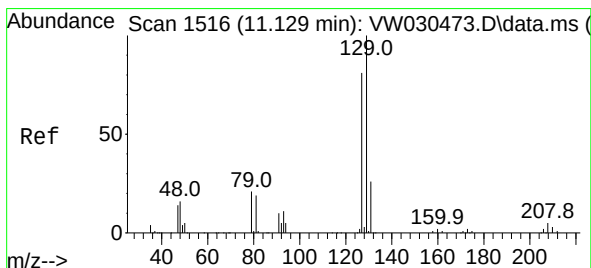
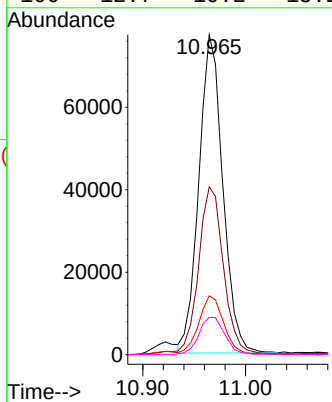
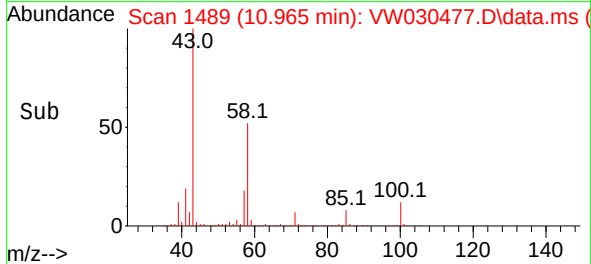


#48
2-Hexanone
Concen: 57.871 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

Instrument :
MSVOA_W
ClientSampleId :

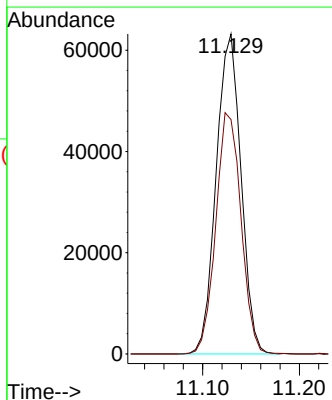
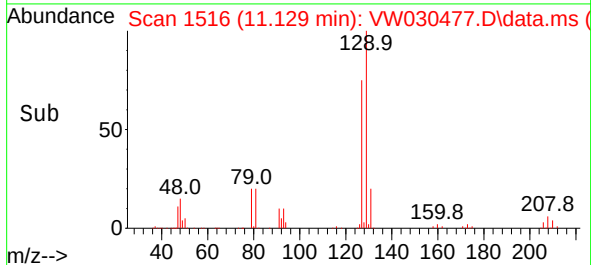
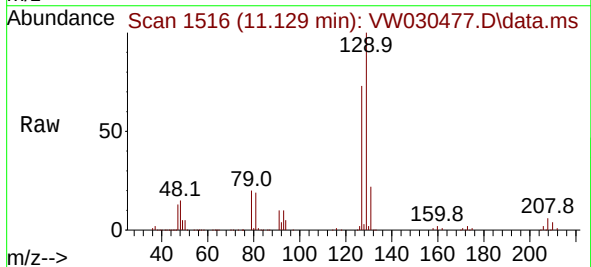


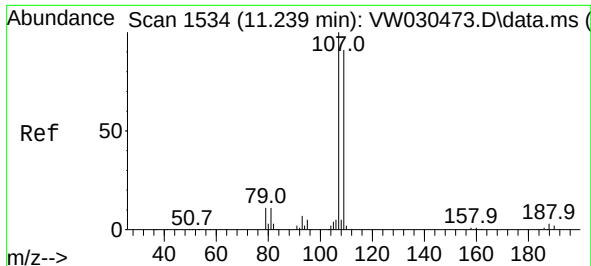
Tgt Ion: 43 Resp: 125129
Ion Ratio Lower Upper
43 100
58 55.0 44.6 67.0
57 19.4 15.8 23.8
100 12.7 10.2 15.2



#49
Dibromochloromethane
Concen: 25.366 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

Tgt Ion:129 Resp: 112580
Ion Ratio Lower Upper
129 100
127 73.2 56.5 104.9





#50

1,2-Dibromoethane

Concen: 25.052 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VW030477.D

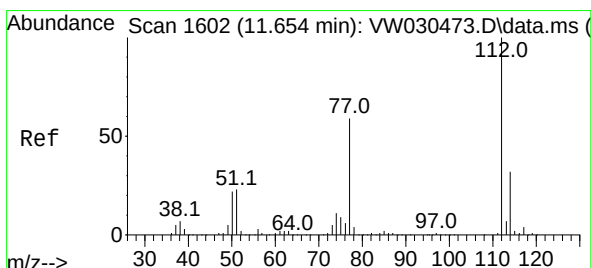
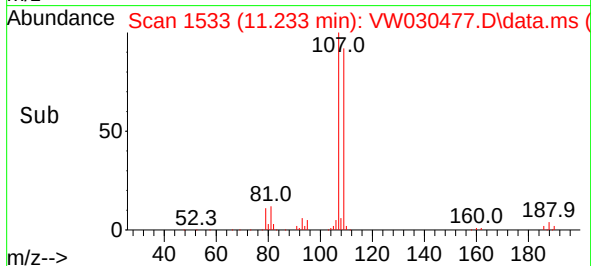
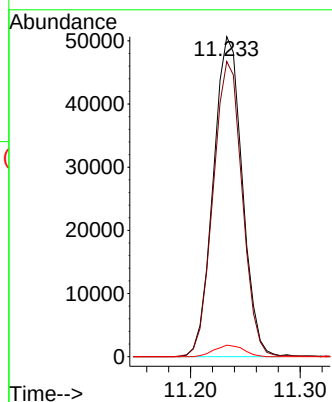
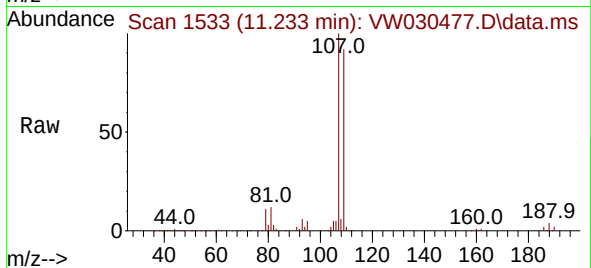
Acq: 09 Oct 2024 16:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	92984
Ion Ratio	Lower	Upper
107	100	
109	92.3	63.8 118.6
188	3.6	2.6 3.8



#51

Chlorobenzene

Concen: 25.887 ug/L

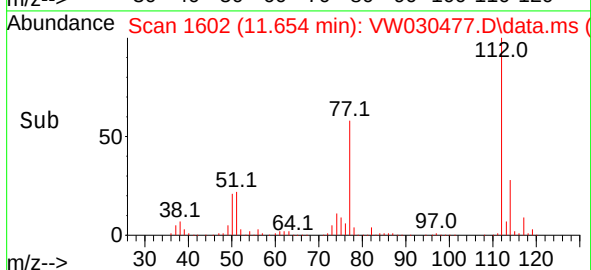
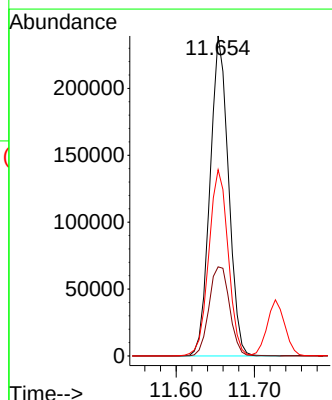
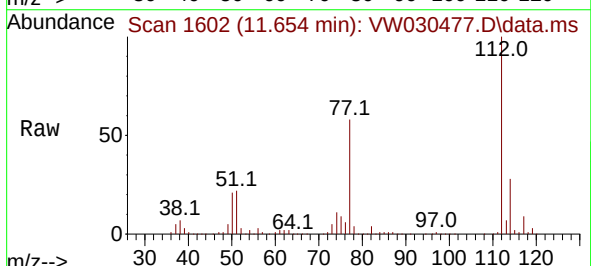
RT: 11.654 min Scan# 1602

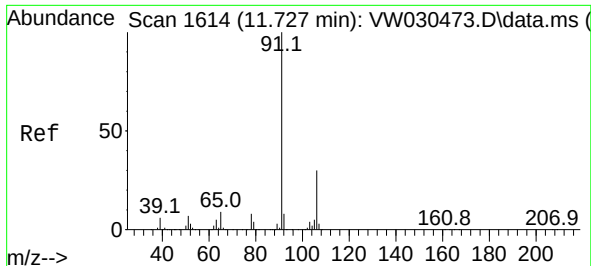
Delta R.T. -0.000 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

Tgt Ion:112	Resp:	391774
Ion Ratio	Lower	Upper
112	100	
114	27.8	22.4 41.6
77	58.2	47.1 70.7





#52

Ethylbenzene

Concen: 27.211 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

Instrument :

MSVOA_W

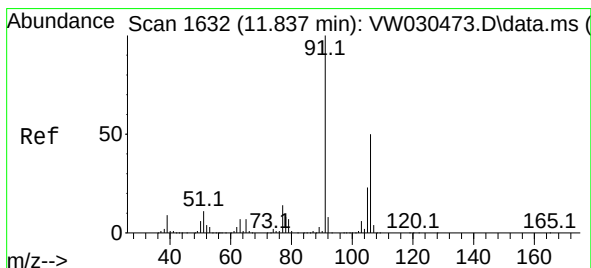
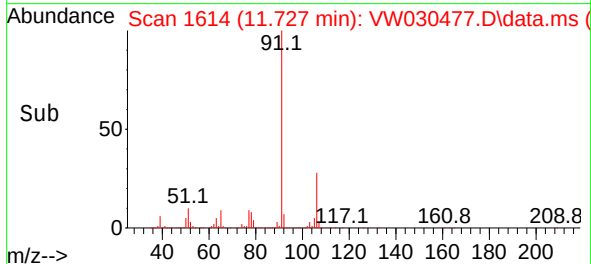
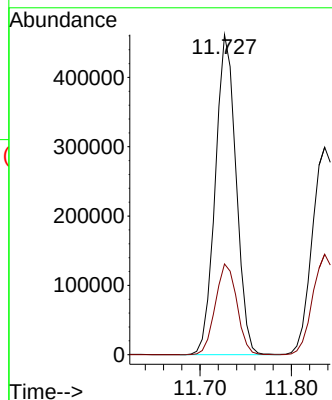
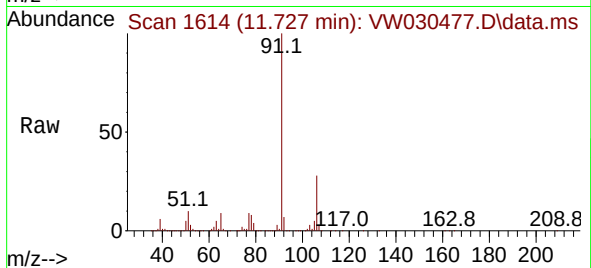
ClientSampleId :

Tgt Ion: 91 Resp: 729960

Ion Ratio Lower Upper

91 100

106 28.4 21.1 39.1



#53

m,p-Xylene

Concen: 26.669 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030477.D

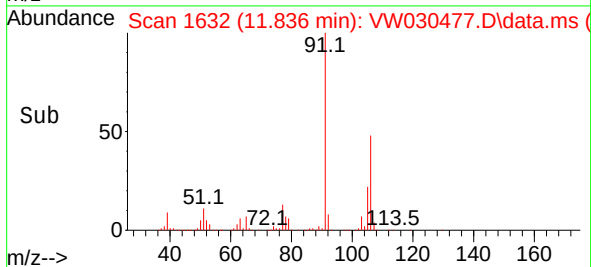
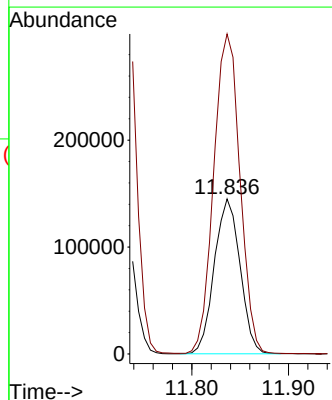
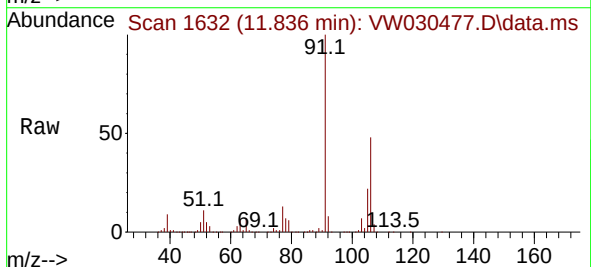
Acq: 09 Oct 2024 16:39

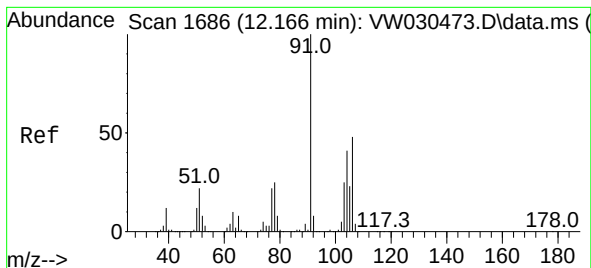
Tgt Ion:106 Resp: 268024

Ion Ratio Lower Upper

106 100

91 206.4 140.6 261.2

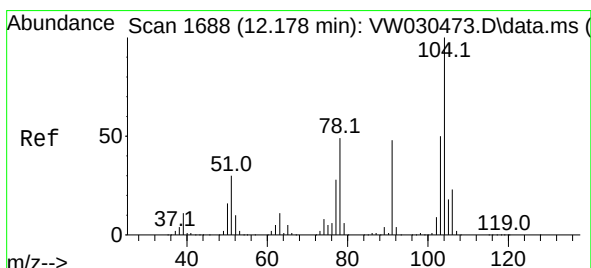
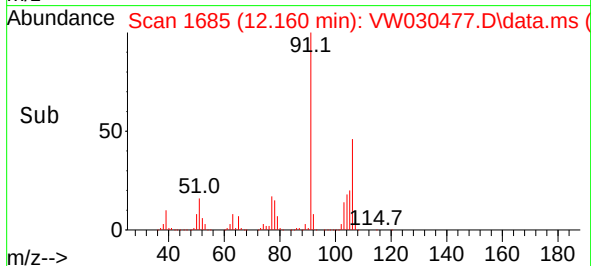
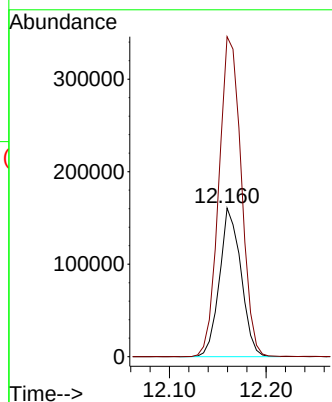
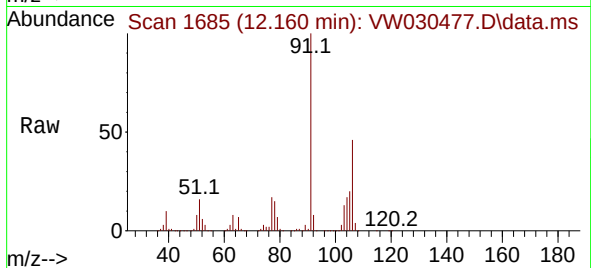




#54
o-Xylene
Concen: 26.609 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

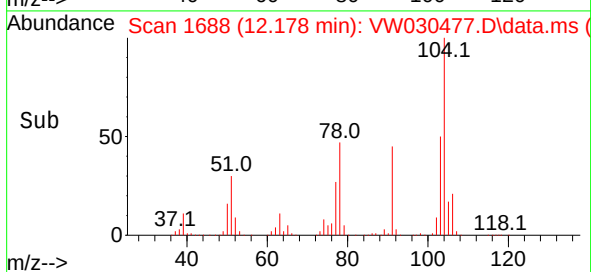
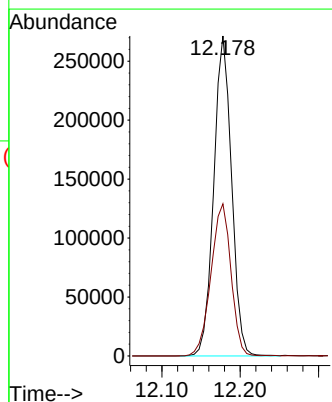
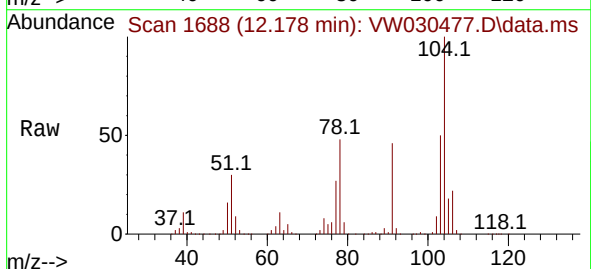
Instrument :
MSVOA_W
ClientSampleId :

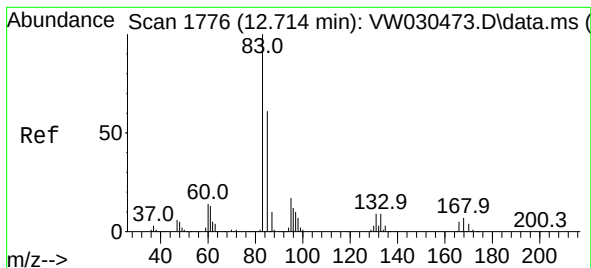
Tgt Ion:106 Resp: 247234
Ion Ratio Lower Upper
106 100
91 215.3 144.5 268.4



#55
Styrene
Concen: 27.046 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

Tgt Ion:104 Resp: 429599
Ion Ratio Lower Upper
104 100
78 47.5 34.3 63.7

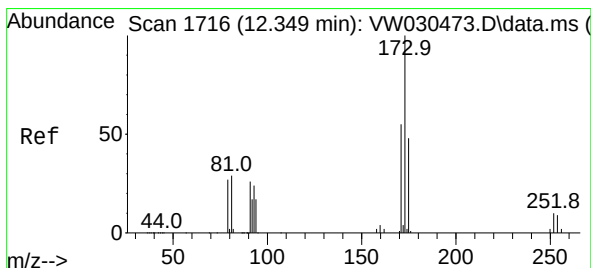
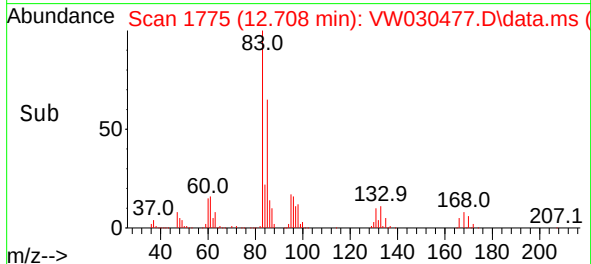
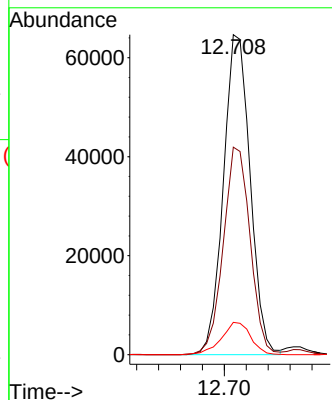
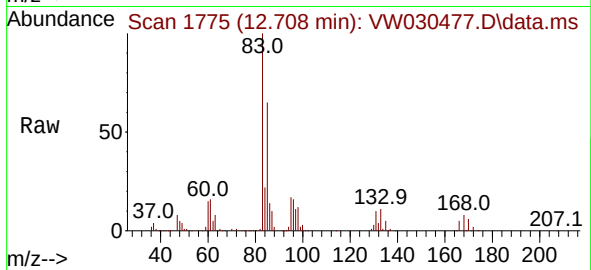




#57
1,1,2,2-Tetrachloroethane
Concen: 24.424 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

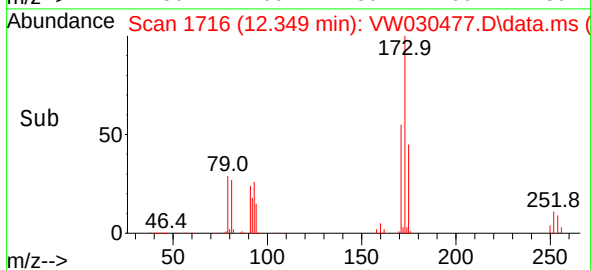
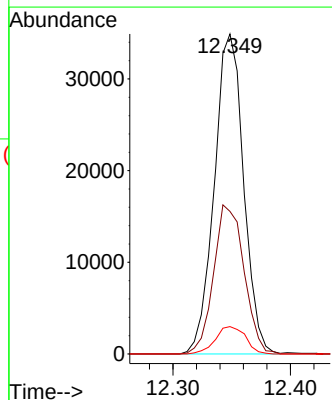
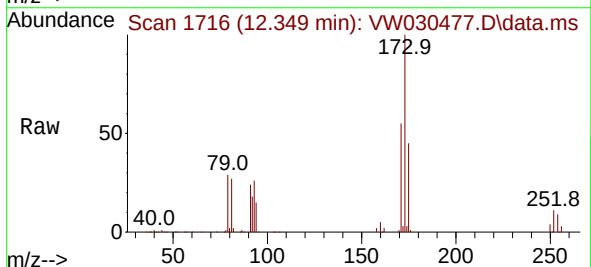
Instrument :
MSVOA_W
ClientSampleId :

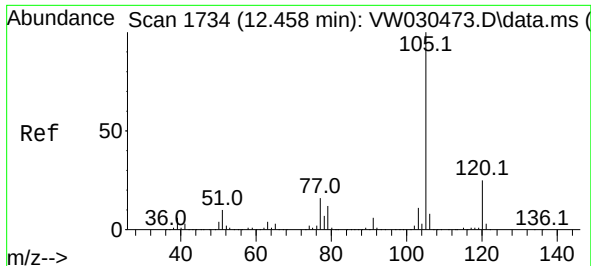
Tgt Ion: 83 Resp: 109555
Ion Ratio Lower Upper
83 100
85 64.9 42.6 79.2
131 10.1 7.4 11.0



#59
Bromoform
Concen: 25.687 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

Tgt Ion:173 Resp: 60424
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.4
254 8.8 7.7 11.5





#60

Isopropylbenzene

Concen: 26.998 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

Instrument :

MSVOA_W

ClientSampleId :

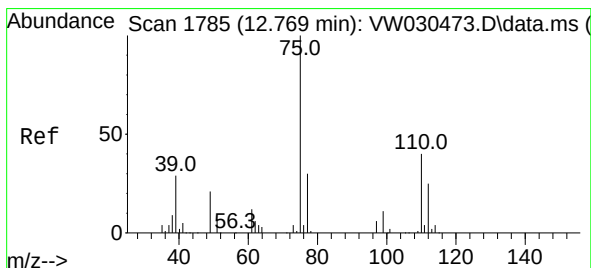
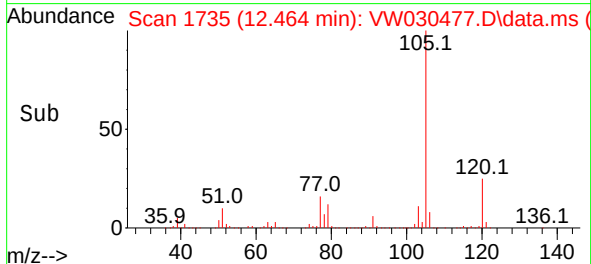
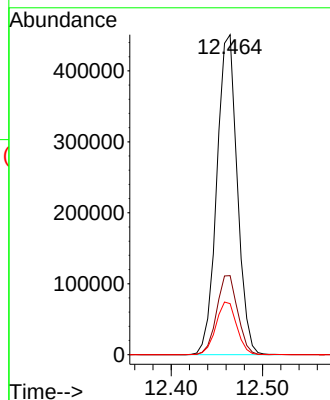
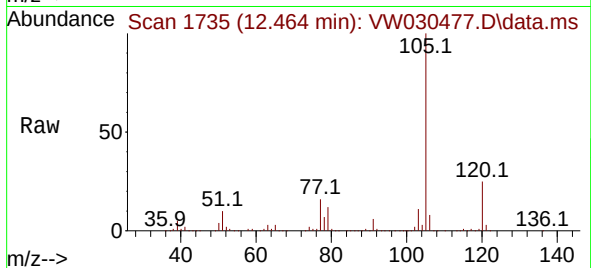
Tgt Ion:105 Resp: 700027

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

77 16.8 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 24.477 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

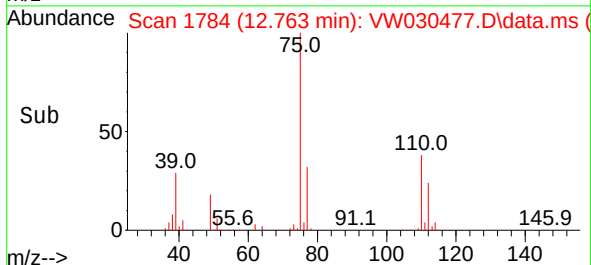
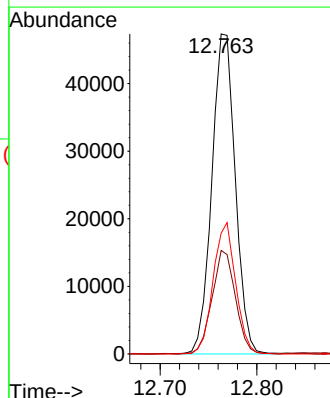
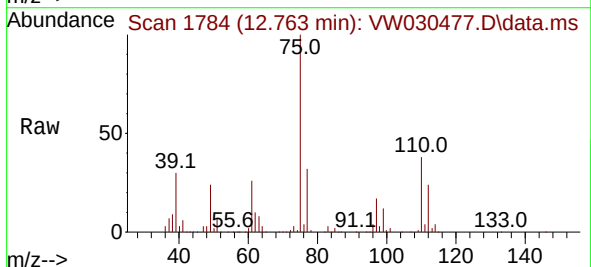
Tgt Ion: 75 Resp: 79746

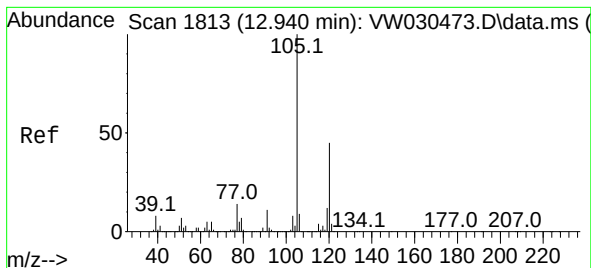
Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5

110 39.3 32.3 48.5

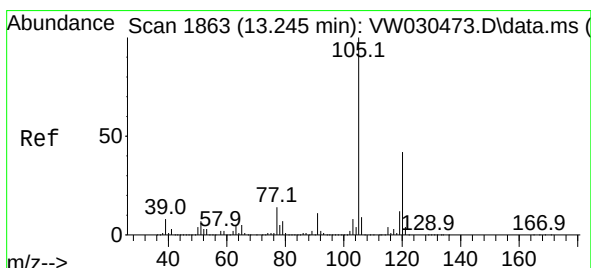
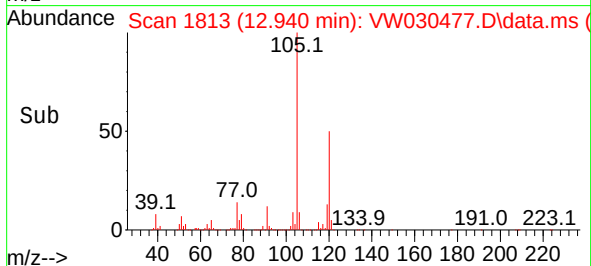
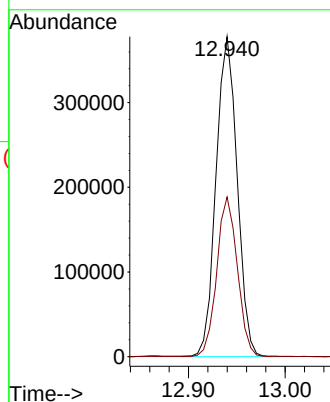
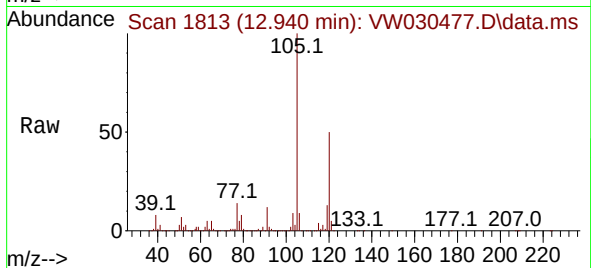




#62
1,3,5-Trimethylbenzene
Concen: 28.032 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

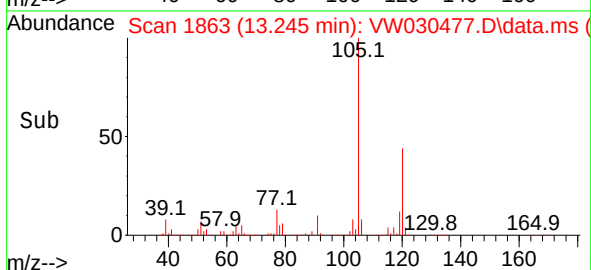
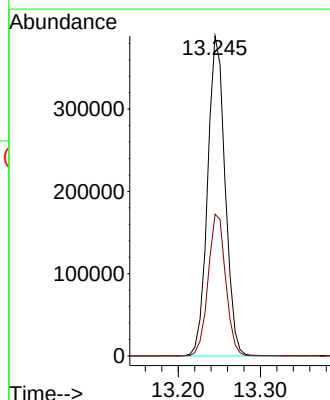
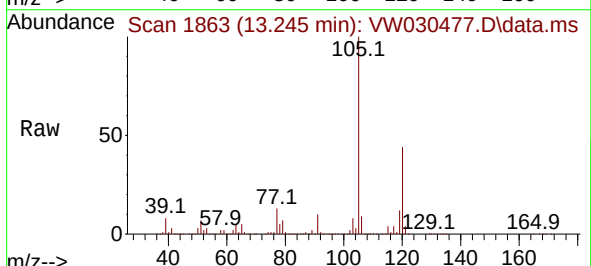
Instrument :
MSVOA_W
ClientSampleId :

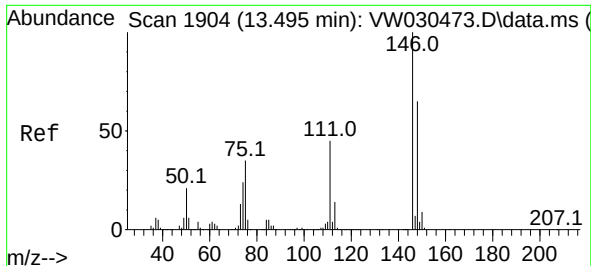
Tgt Ion:105 Resp: 573408
Ion Ratio Lower Upper
105 100
120 48.5 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 28.618 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

Tgt Ion:105 Resp: 573158
Ion Ratio Lower Upper
105 100
120 44.5 35.8 53.6

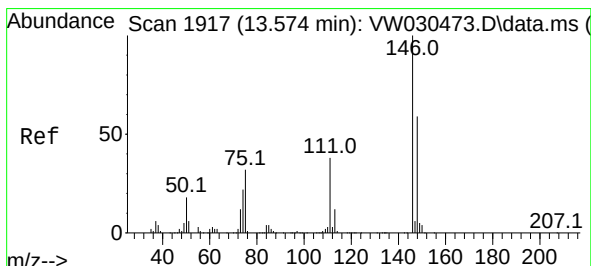
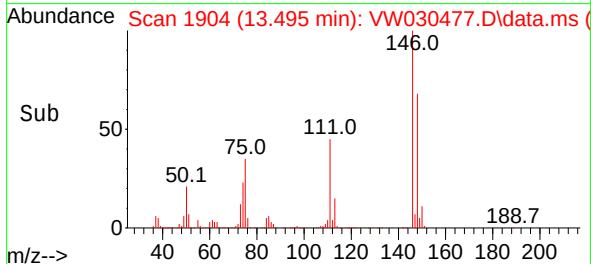
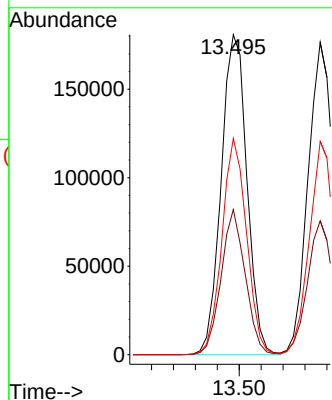
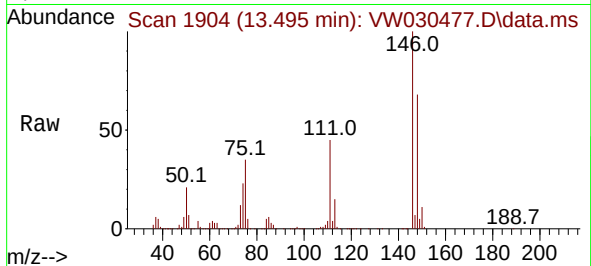




#64
1,3-Dichlorobenzene
Concen: 26.152 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

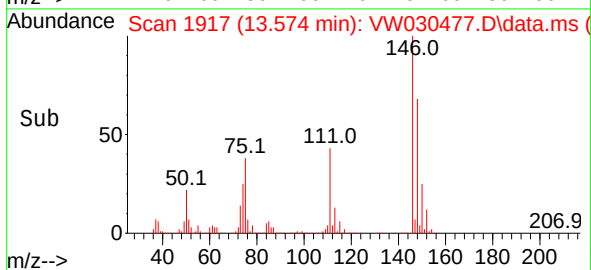
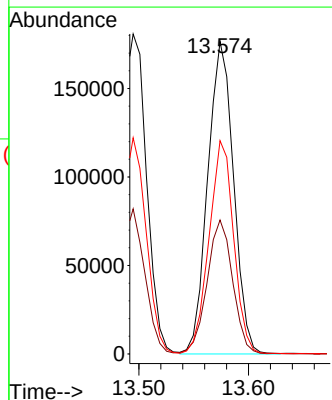
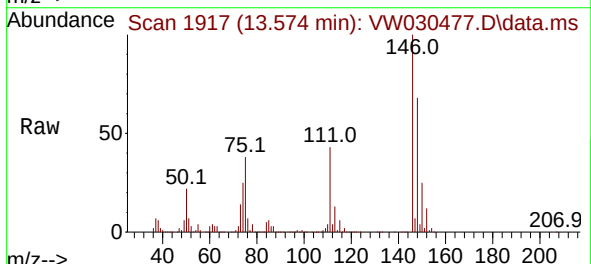
Instrument :
MSVOA_W
ClientSampleId :

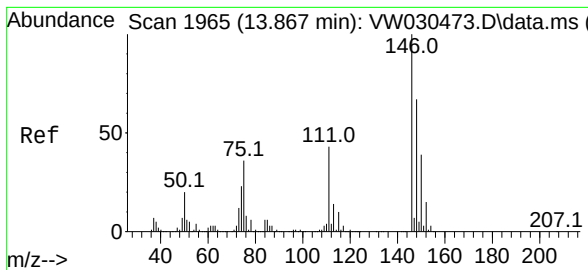
Tgt Ion:146 Resp: 295149
Ion Ratio Lower Upper
146 100
111 45.4 31.2 58.0
148 67.6 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 24.762 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

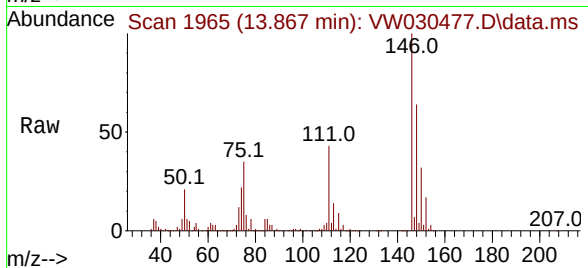
Tgt Ion:146 Resp: 288563
Ion Ratio Lower Upper
146 100
111 42.9 26.8 49.8
148 68.2 41.0 76.2



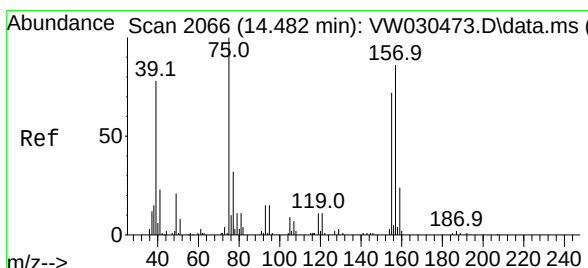
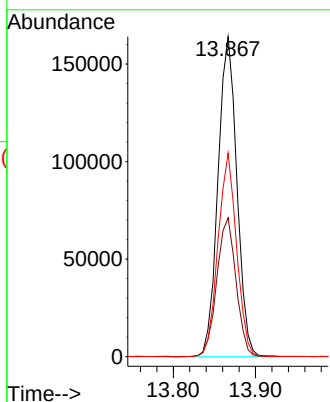
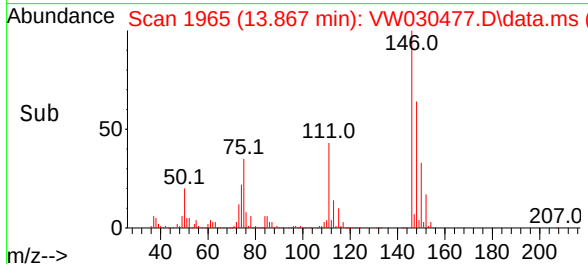


#67
1,2-Dichlorobenzene
Concen: 26.379 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

Instrument :
MSVOA_W
ClientSampleId :

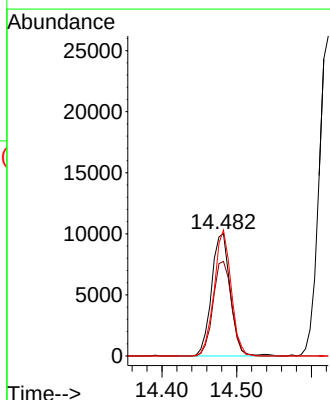
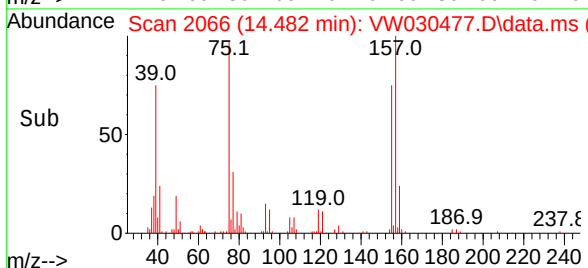
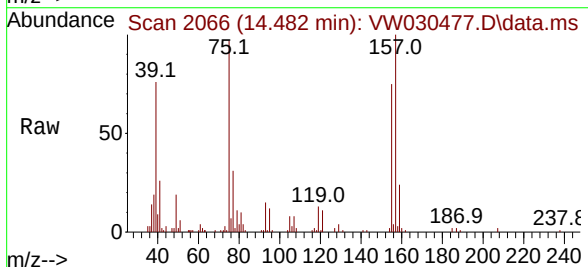


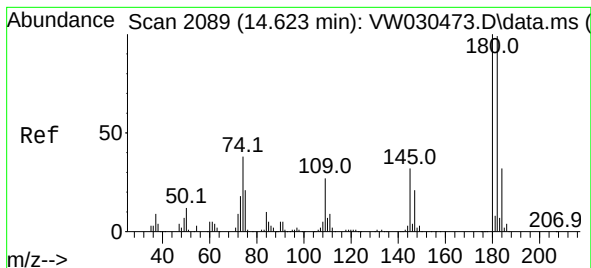
Tgt Ion:146 Resp: 261982
Ion Ratio Lower Upper
146 100
111 43.4 34.6 52.0
148 63.6 53.3 79.9



#68
1,2-Dibromo-3-chloropropane
Concen: 24.035 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW030477.D
Acq: 09 Oct 2024 16:39

Tgt Ion: 75 Resp: 17460
Ion Ratio Lower Upper
75 100
155 77.2 57.9 86.9
157 102.8 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 26.718 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

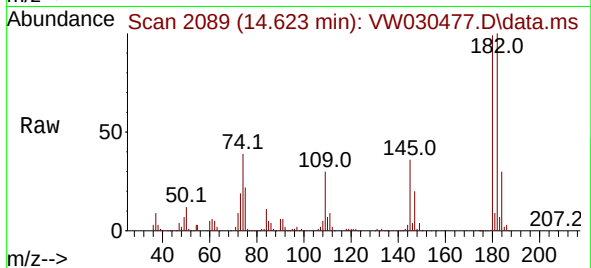
Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 198846

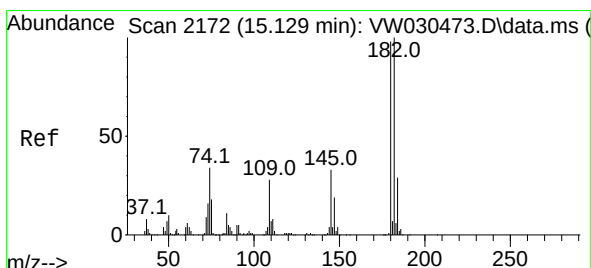
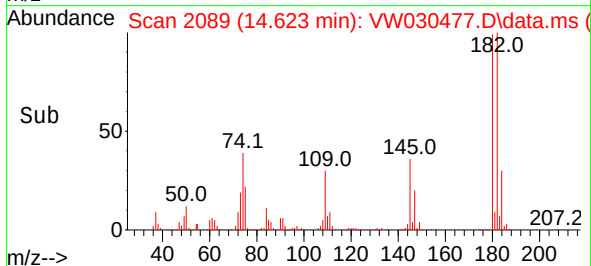
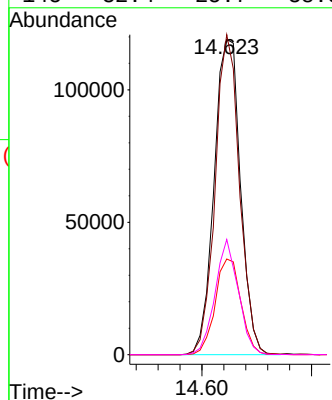
Ion Ratio Lower Upper

180 100

182 93.9 79.9 119.9

184 29.7 25.2 37.8

145 32.4 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 25.442 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

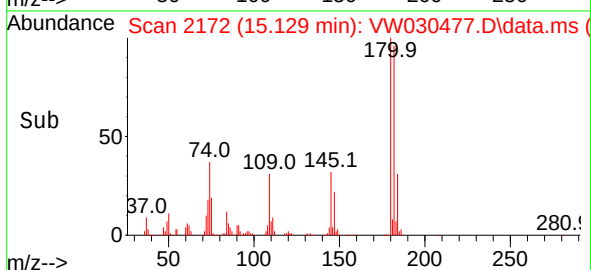
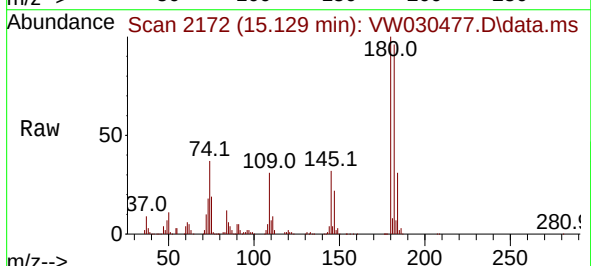
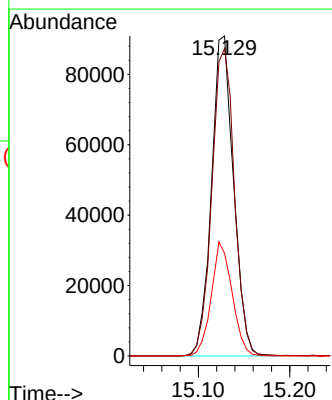
Tgt Ion:180 Resp: 152435

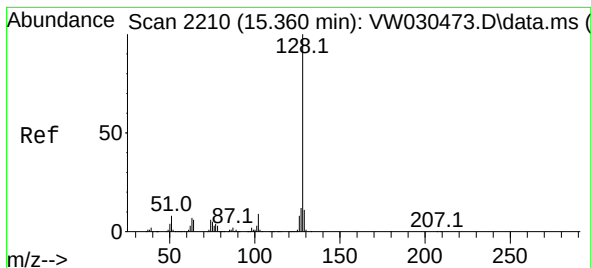
Ion Ratio Lower Upper

180 100

182 97.9 75.2 112.8

145 33.7 25.4 38.2





#71

Naphthalene

Concen: 27.815 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

Instrument :

MSVOA_W

ClientSampleId :

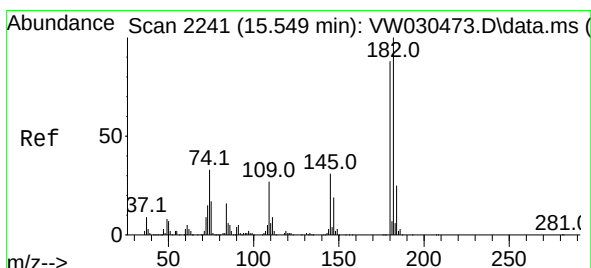
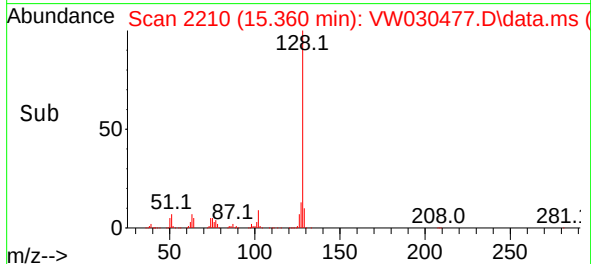
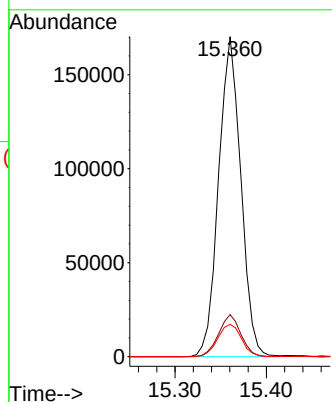
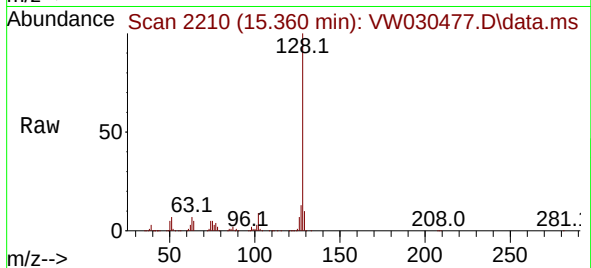
Tgt Ion:128 Resp: 287921

Ion Ratio Lower Upper

128 100

127 13.2 10.9 16.3

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 26.313 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW030477.D

Acq: 09 Oct 2024 16:39

Tgt Ion:180 Resp: 136671

Ion Ratio Lower Upper

180 100

182 96.2 76.2 114.4

145 35.1 27.4 41.2

