

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
 Data File : VW030496.D
 Acq On : 10 Oct 2024 00:23
 Operator : SY/MD
 Sample : P4329-20MSD
 Misc : 5.29g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 10 01:34:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 10 01:29:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	334991	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	313782	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	150098	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	120979	22.976	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.920%
7) Chloroethane-d5	2.899	69	99805	25.040	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.160%
11) 1,1-Dichloroethene-d2	4.027	65	49440	22.575	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.280%
21) 2-Butanone-d5	7.081	46	47273	49.887	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.780%
24) Chloroform-d	7.648	84	251929	26.297	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	8.307	65	132922	26.682	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.720%
32) Benzene-d6	8.276	84	478385	26.268	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.080%
36) 1,2-Dichloropropane-d6	9.276	67	141002	26.378	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.520%
41) Toluene-d8	10.319	98	452758	27.233	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.920%
43) trans-1,3-Dichloroprop...	10.575	79	59283	26.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.960%
47) 2-Hexanone-d5	10.922	63	38342	55.691	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	104159	26.533	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.120%
66) 1,2-Dichlorobenzene-d4	13.849	152	145204	28.591	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.360%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	85020	19.865	ug/L	94
3) Chloromethane	2.229	50	121732	24.472	ug/L	98
5) Vinyl chloride	2.375	62	138925	22.710	ug/L	97
6) Bromomethane	2.790	94	94676	23.514	ug/L	94
8) Chloroethane	2.936	64	87150	23.305	ug/L	93
9) Trichlorofluoromethane	3.271	101	116118	21.214	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	106401	21.606	ug/L	99
12) 1,1-Dichloroethene	4.045	96	100346	22.327	ug/L	82
13) Acetone	4.125	43	48744	35.136	ug/L	96
14) Carbon disulfide	4.393	76	334577	22.797	ug/L	99
15) Methyl Acetate	4.673	43	41245	24.068	ug/L	99
16) Methylene chloride	4.923	84	109871	21.695	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	117989	24.329	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	171101	25.208	ug/L	99
19) 1,1-Dichloroethane	6.216	63	216571	24.027	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	127201	24.590	ug/L	97
22) 2-Butanone	7.173	43	62203	41.596	ug/L	100
23) Bromochloromethane	7.520	128	54169	23.937	ug/L	94
25) Chloroform	7.679	83	234952	24.392	ug/L	98

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 Quant Title : SFAM01.0
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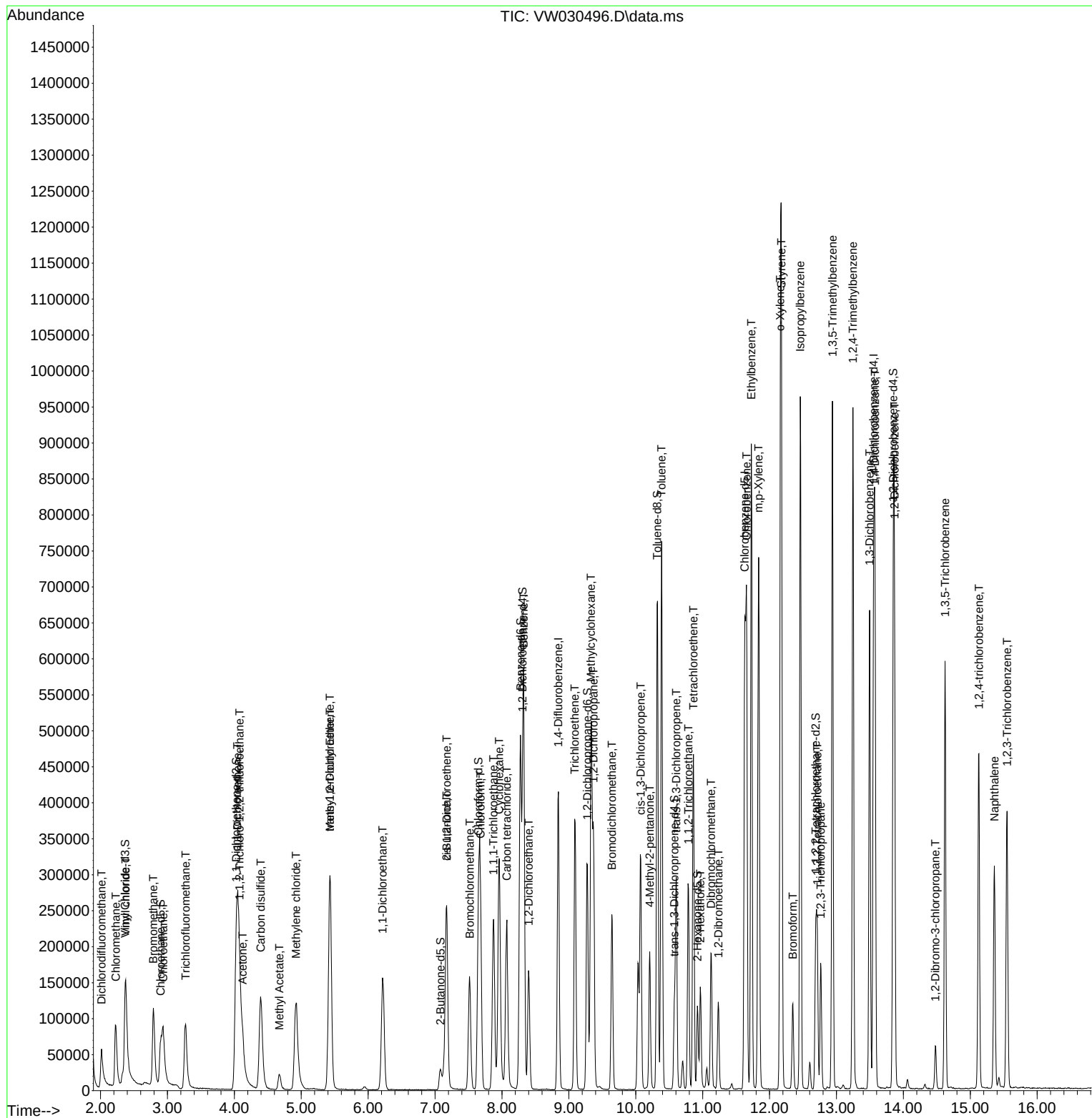
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	153117	24.095	ug/L	100
29) Cyclohexane	7.959	56	180386	23.616	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	188365	22.614	ug/L	99
31) Carbon tetrachloride	8.069	117	167433	22.506	ug/L	99
33) Benzene	8.325	78	489646	23.979	ug/L	100
34) Trichloroethene	9.087	95	129275	22.756	ug/L	96
35) Methylcyclohexane	9.331	83	204335	22.855	ug/L	99
37) 1,2-Dichloropropane	9.368	63	120864	23.699	ug/L	99
38) Bromodichloromethane	9.642	83	161922	23.864	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	187803	24.414	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	119510	48.779	ug/L	98
42) Toluene	10.386	91	536982	24.650	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	155878	24.114	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	87188	23.655	ug/L	95
46) Tetrachloroethene	10.861	164	99093	23.650	ug/L	97
48) 2-Hexanone	10.965	43	88989	44.415	ug/L	97
49) Dibromochloromethane	11.123	129	98772	24.017	ug/L	91
50) 1,2-Dibromoethane	11.233	107	81102	23.581	ug/L #	95
51) Chlorobenzene	11.654	112	326765	23.301	ug/L	96
52) Ethylbenzene	11.727	91	606679	24.406	ug/L	98
53) m,p-Xylene	11.837	106	223703	24.021	ug/L	91
54) o-Xylene	12.160	106	209818	24.370	ug/L	86
55) Styrene	12.178	104	368966	25.068	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.715	83	96599	23.241	ug/L	96
59) Bromoform	12.349	173	50525	23.959	ug/L	100
60) Isopropylbenzene	12.459	105	585811	25.202	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68815	23.561	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	485662	26.483	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	487892	27.173	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	242203	23.938	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	263646	25.236	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	228450	25.659	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	14977	22.997	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	167294	25.074	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	138412	25.769	ug/L	99
71) Naphthalene	15.360	128	262548	28.293	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	118093	25.362	ug/L	97

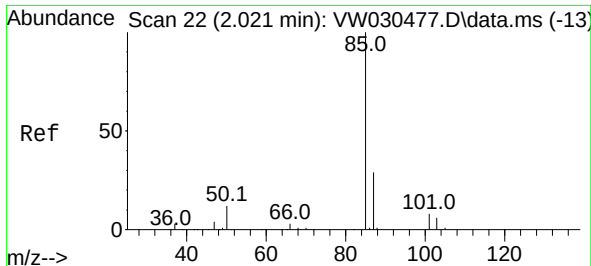
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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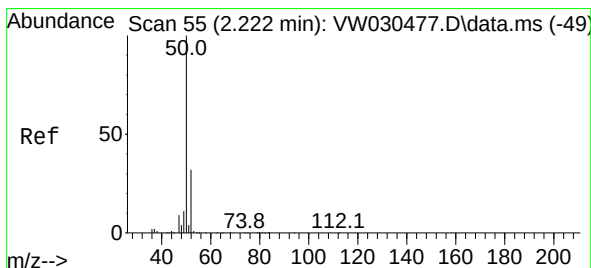
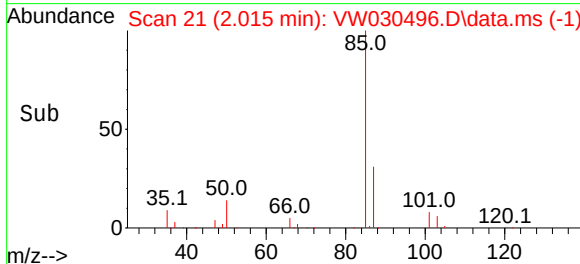
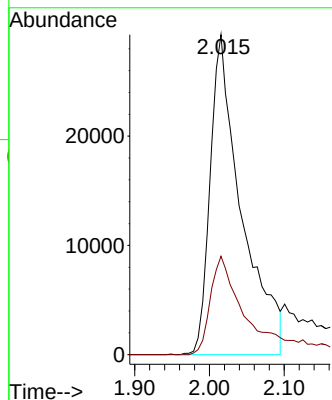
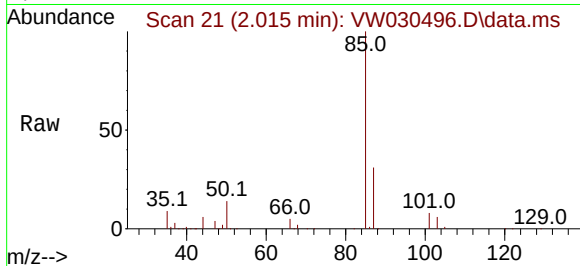




#2
 Dichlorodifluoromethane
 Concen: 19.865 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW030496.D
 Acq: 10 Oct 2024 00:23

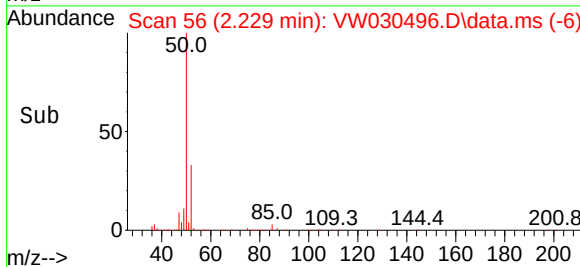
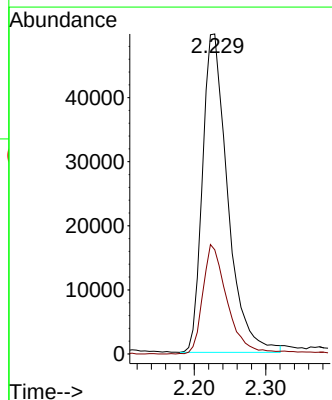
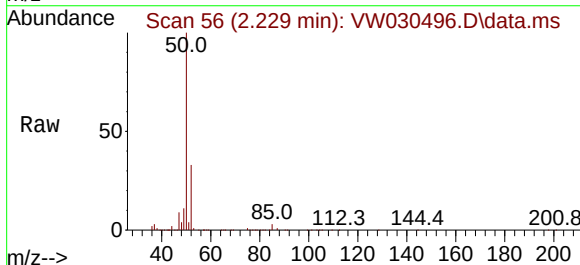
Instrument :
 MSVOA_W
 ClientSampleId :

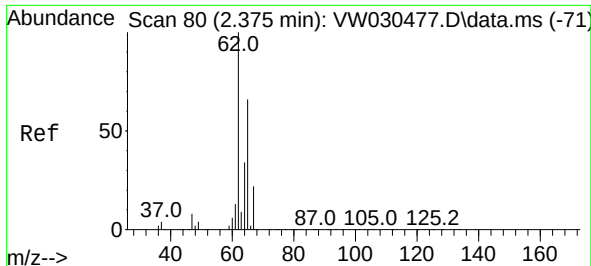
Tgt Ion: 85 Resp: 85020
 Ion Ratio Lower Upper
 85 100
 87 32.9 23.8 35.6



#3
 Chloromethane
 Concen: 24.472 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW030496.D
 Acq: 10 Oct 2024 00:23

Tgt Ion: 50 Resp: 121732
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.7 43.9

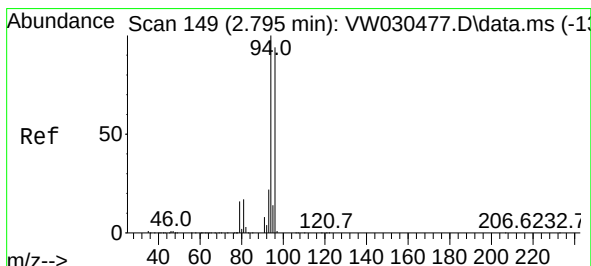
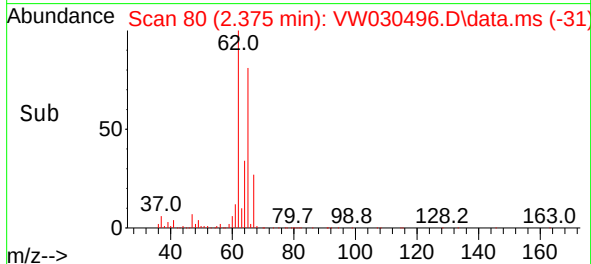
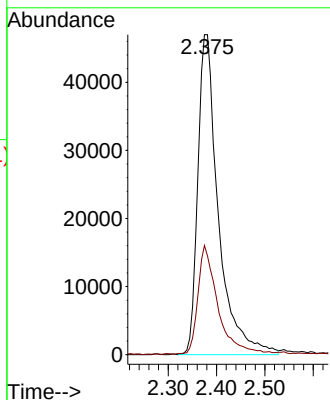
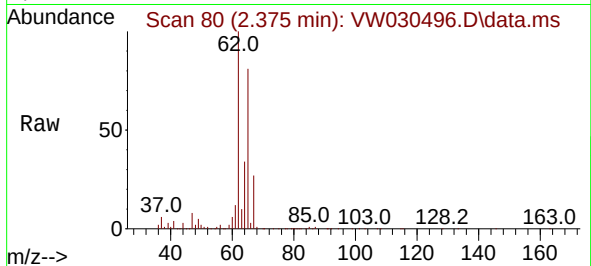




#5
 Vinyl chloride
 Concen: 22.710 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030496.D
 Acq: 10 Oct 2024 00:23

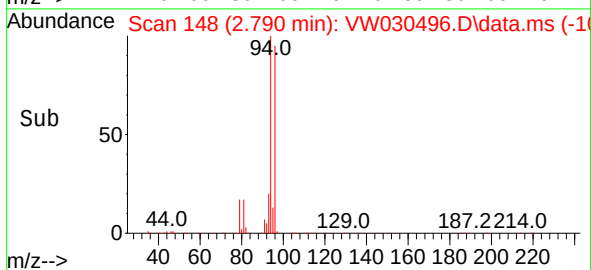
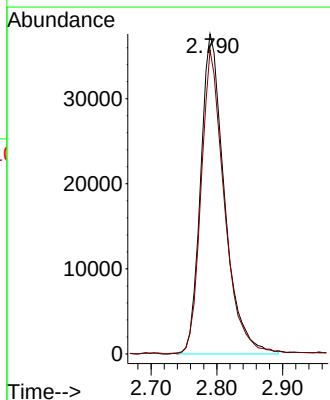
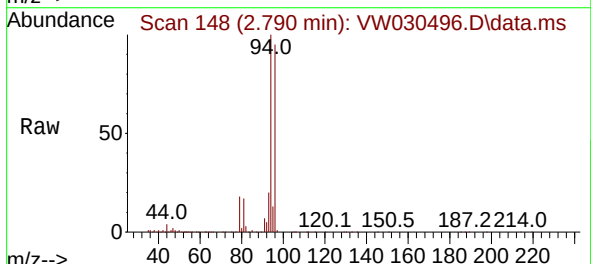
Instrument :
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 ClientSampleId :

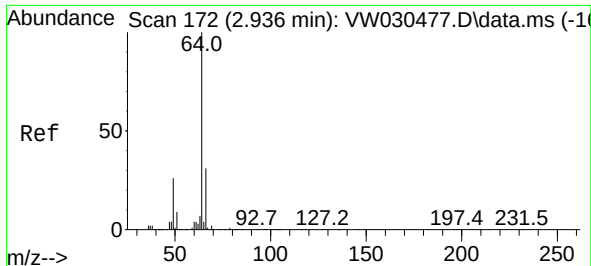
Tgt Ion: 62 Resp: 138925
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.6 42.0



#6
 Bromomethane
 Concen: 23.514 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030496.D
 Acq: 10 Oct 2024 00:23

Tgt Ion: 94 Resp: 94676
 Ion Ratio Lower Upper
 94 100
 96 95.0 62.6 116.2

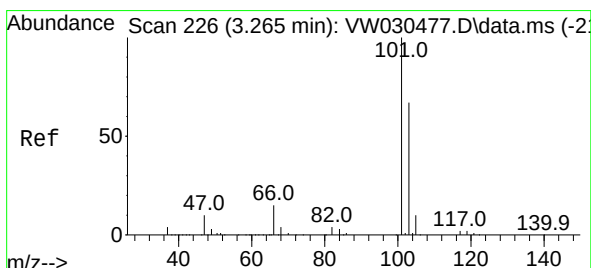
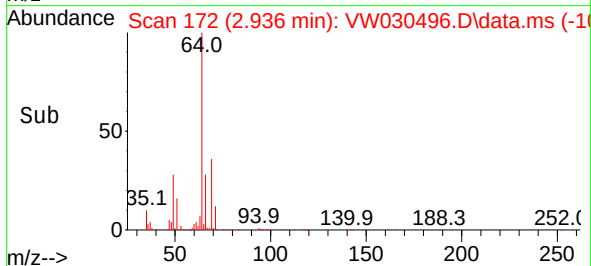
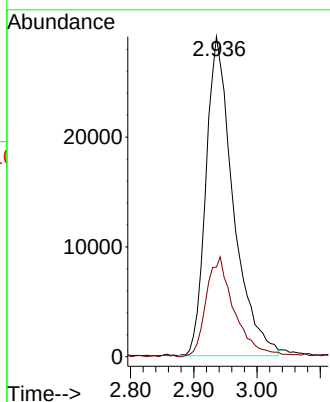
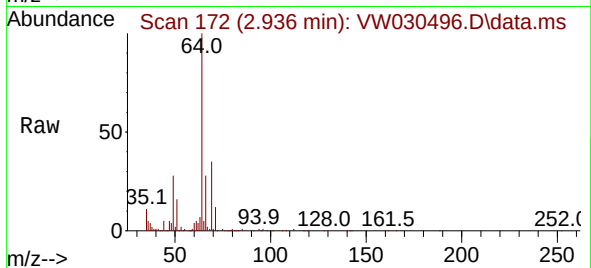




#8
Chloroethane
Concen: 23.305 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23

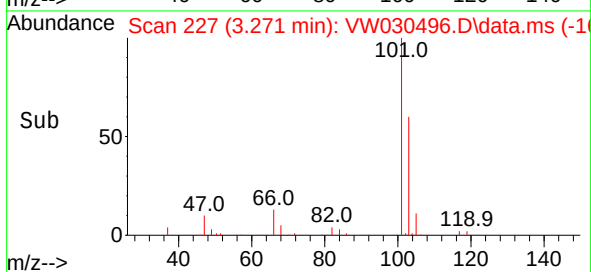
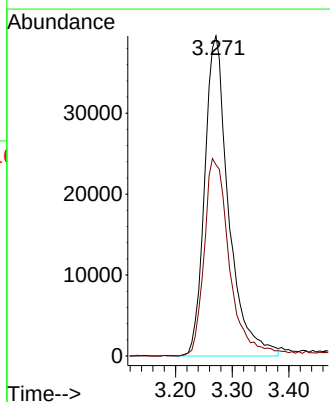
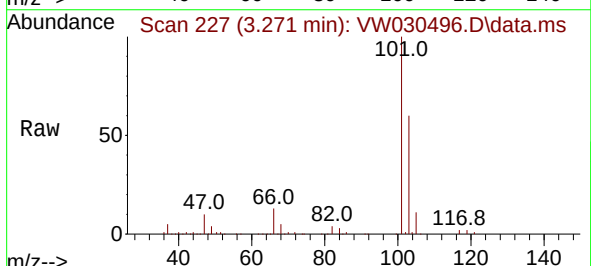
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MSVOA_W
ClientSampleId :

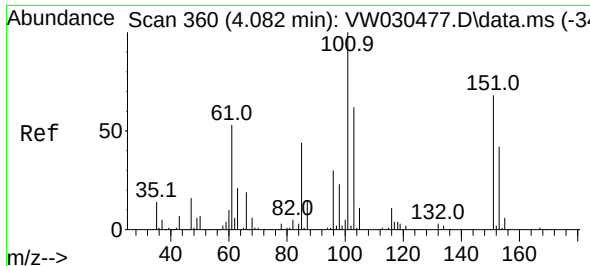
Tgt Ion: 64 Resp: 87150
Ion Ratio Lower Upper
64 100
66 28.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 21.214 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23

Tgt Ion:101 Resp: 116118
Ion Ratio Lower Upper
101 100
103 63.6 51.1 76.7





#10

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

Concen: 21.606 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

Instrument :

MSVOA_W

ClientSampleId :

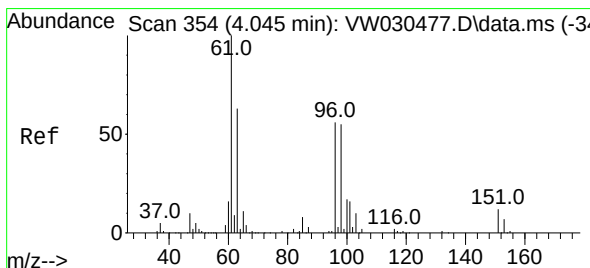
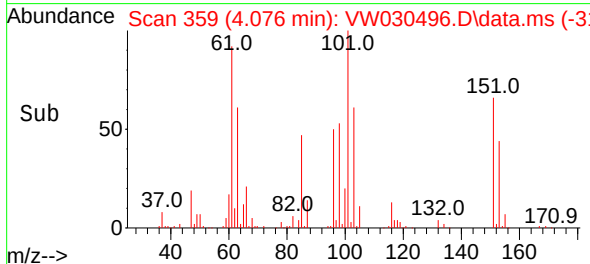
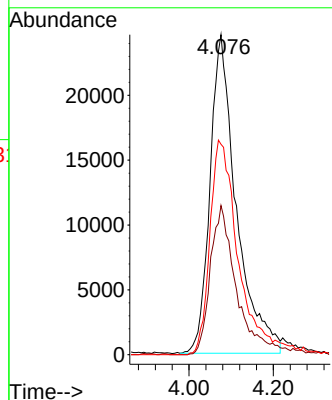
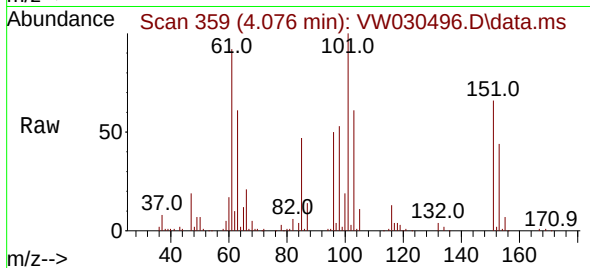
Tgt Ion:101 Resp: 106401

Ion Ratio Lower Upper

101 100

85 45.1 35.7 53.5

151 70.6 56.1 84.1



#12

1,1-Dichloroethene

Concen: 22.327 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

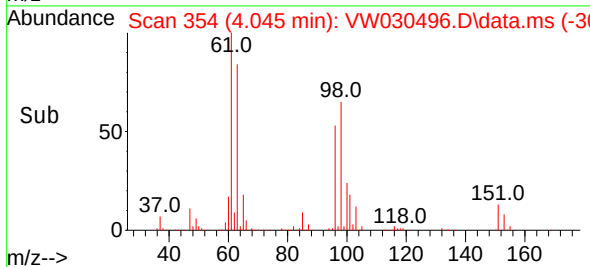
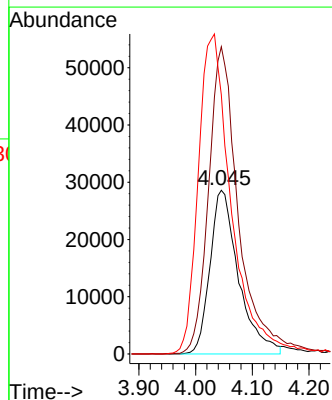
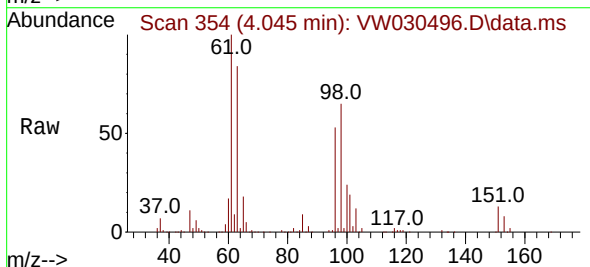
Tgt Ion: 96 Resp: 100346

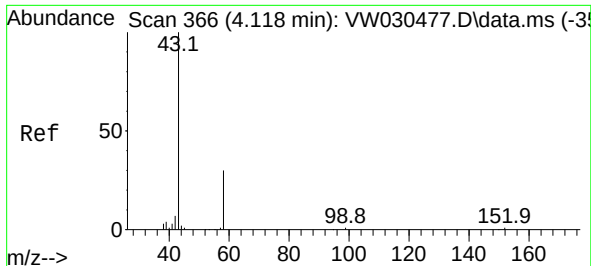
Ion Ratio Lower Upper

96 100

61 187.6 121.3 225.3

63 158.3 87.6 162.8

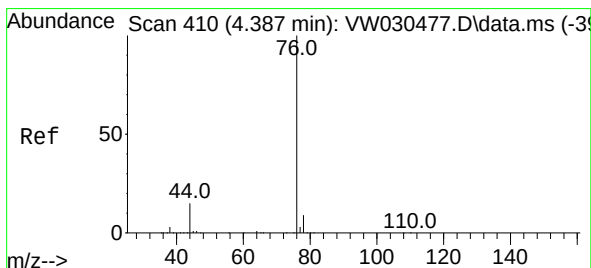
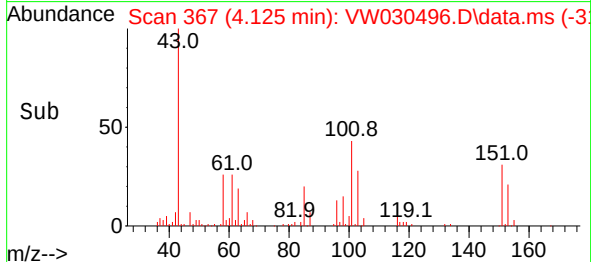
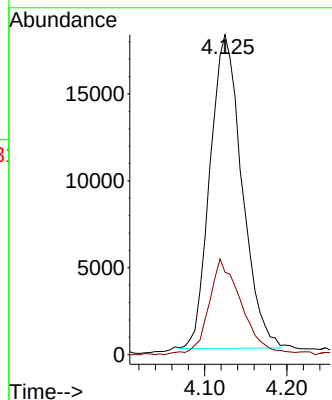
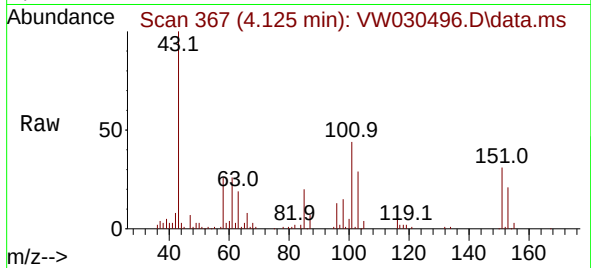




#13
Acetone
Concen: 35.136 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23

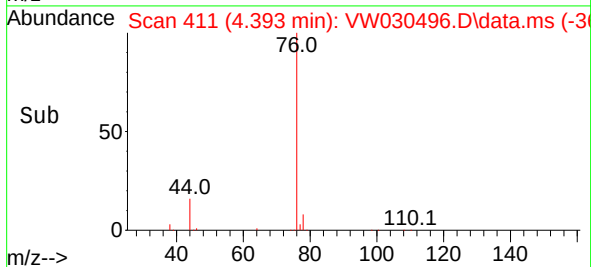
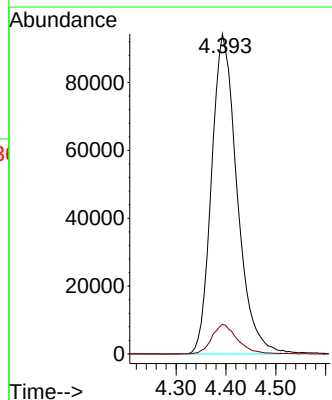
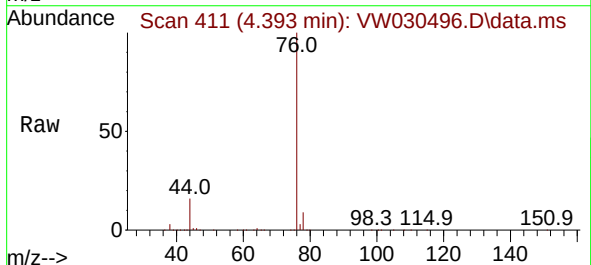
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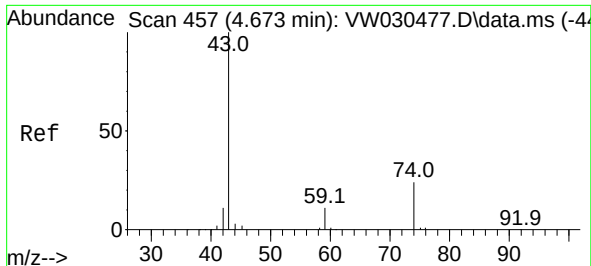
Tgt Ion: 43 Resp: 48744
Ion Ratio Lower Upper
43 100
58 30.8 0.0 57.6



#14
Carbon disulfide
Concen: 22.797 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 334577
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

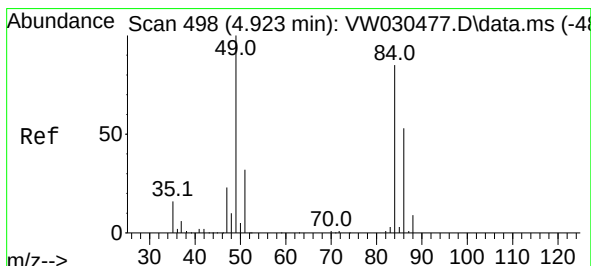
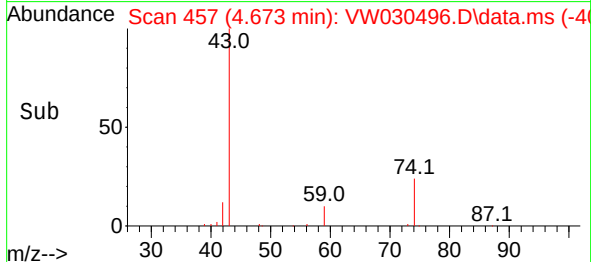
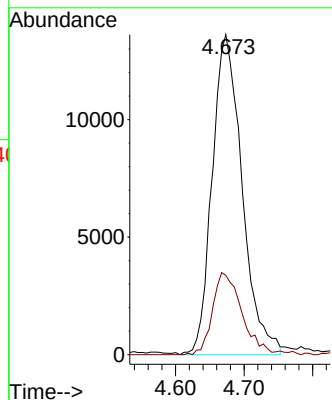
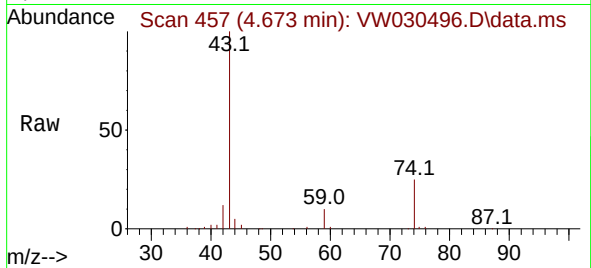




#15
Methyl Acetate
Concen: 24.068 ug/L
RT: 4.673 min Scan# 41245
Delta R.T. 0.000 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23

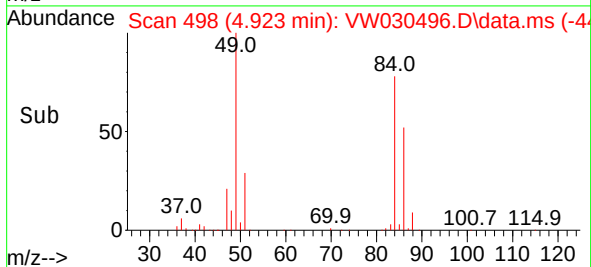
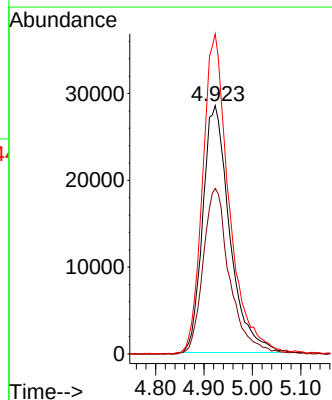
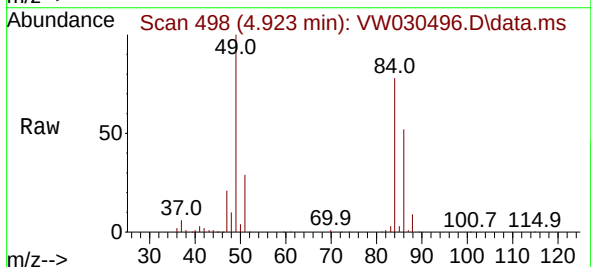
Instrument :
MSVOA_W
ClientSampleId :

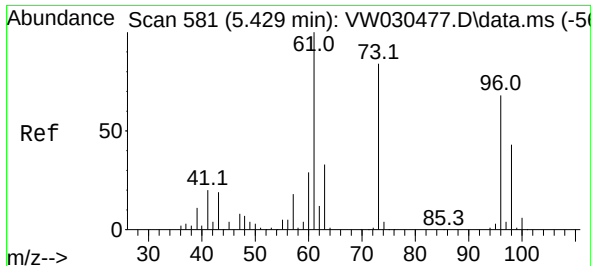
Tgt Ion: 43 Resp: 41245
Ion Ratio Lower Upper
43 100
74 24.8 19.3 28.9



#16
Methylene chloride
Concen: 21.695 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23

Tgt Ion: 84 Resp: 109871
Ion Ratio Lower Upper
84 100
86 66.6 43.8 81.3
49 128.9 88.3 164.1

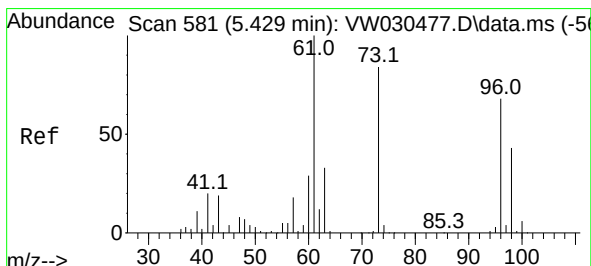
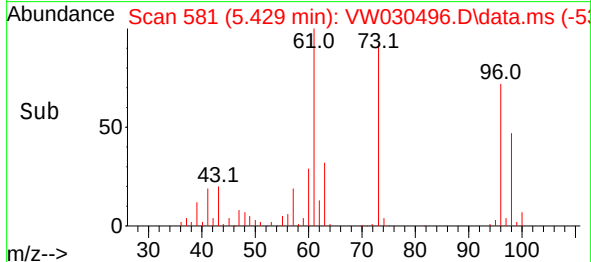
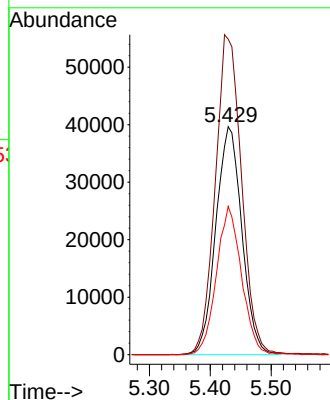
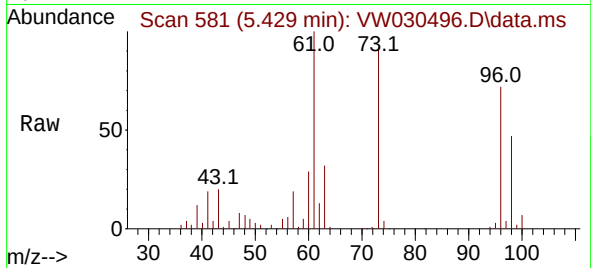




#17
trans-1,2-Dichloroethene
Concen: 24.329 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23

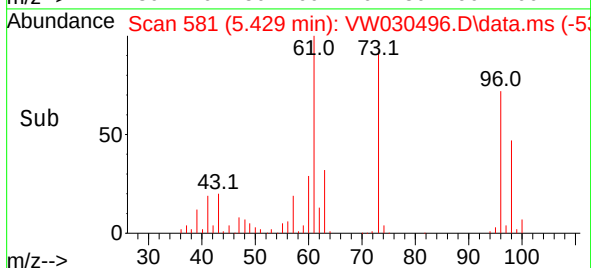
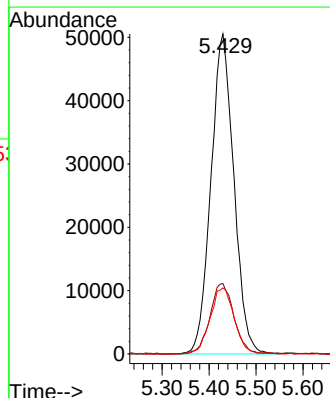
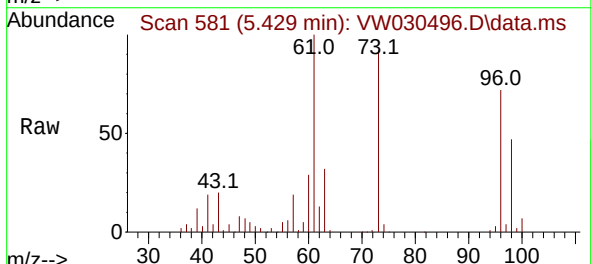
Instrument :
MSVOA_W
ClientSampleId :

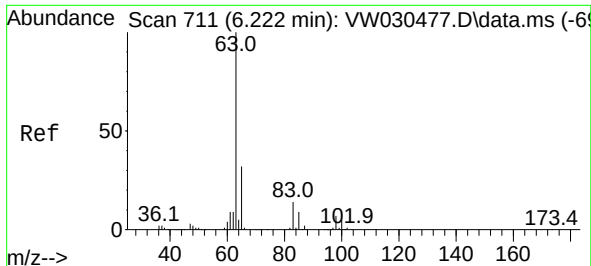
Tgt Ion: 96 Resp: 117989
Ion Ratio Lower Upper
96 100
61 138.4 96.9 179.9
98 65.0 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 25.208 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23

Tgt Ion: 73 Resp: 171101
Ion Ratio Lower Upper
73 100
43 22.6 18.1 27.1
57 21.6 17.7 26.5





#19

1,1-Dichloroethane

Concen: 24.027 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

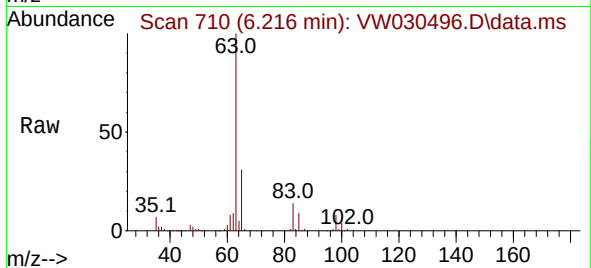
Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

Instrument :

MSVOA_W

ClientSampleId :



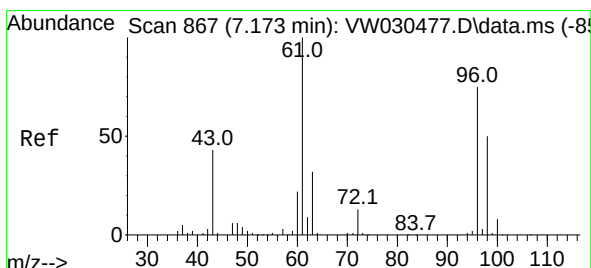
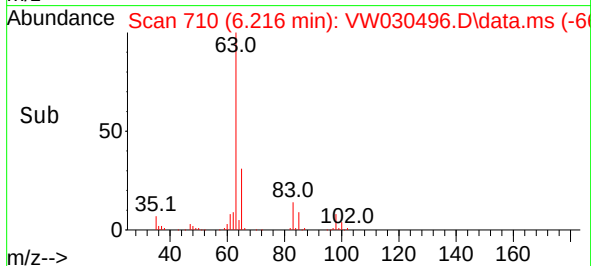
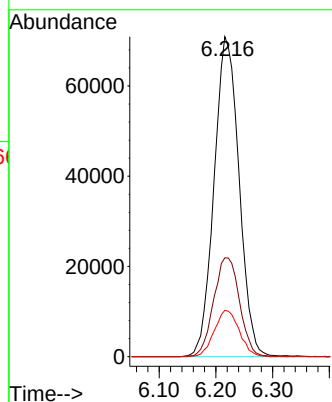
Tgt Ion: 63 Resp: 216571

Ion Ratio Lower Upper

63 100

65 30.9 22.5 41.9

83 14.5 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 24.590 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

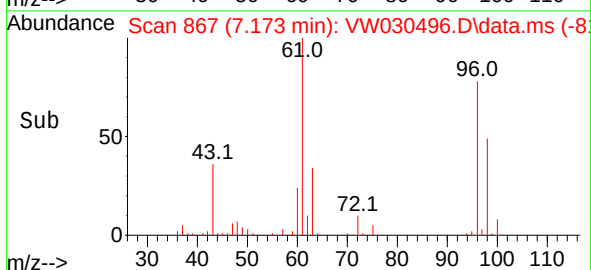
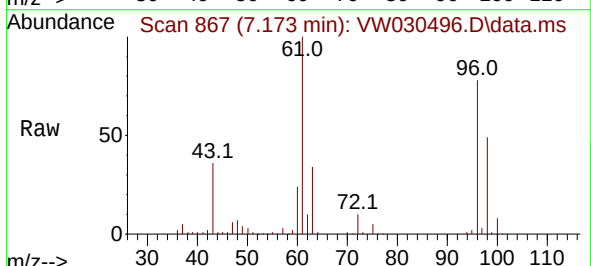
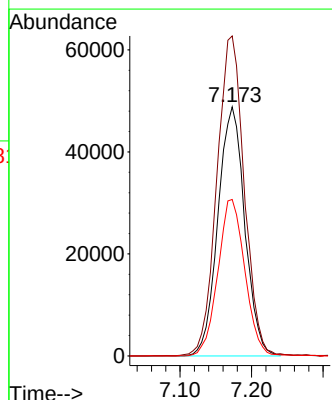
Tgt Ion: 96 Resp: 127201

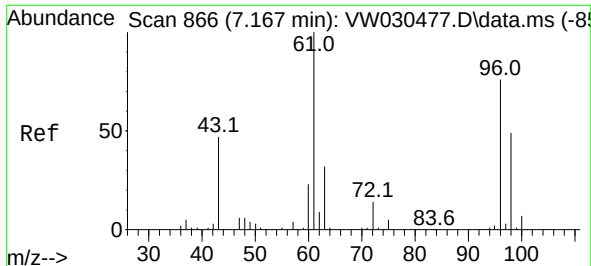
Ion Ratio Lower Upper

96 100

61 128.4 88.3 163.9

98 62.8 41.3 76.7

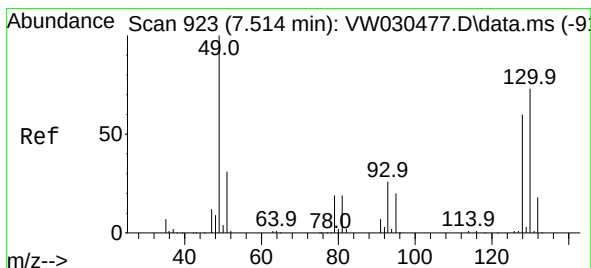
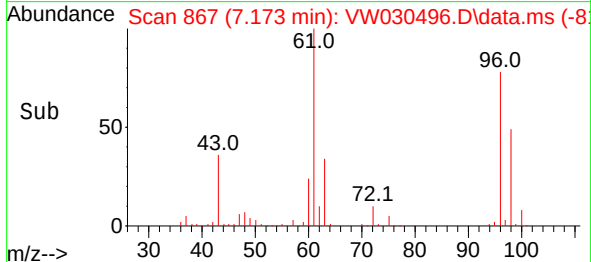
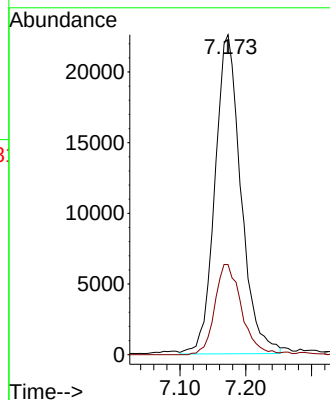
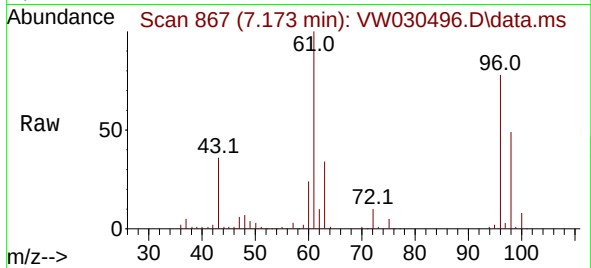




#22
2-Butanone
Concen: 41.596 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23

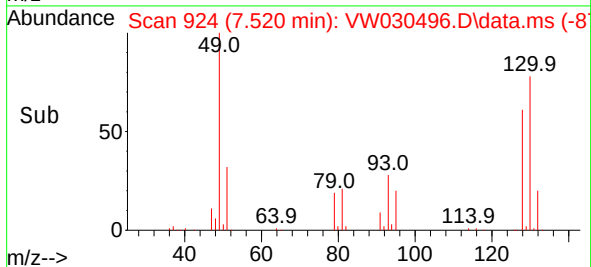
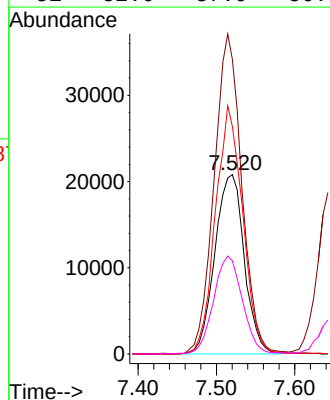
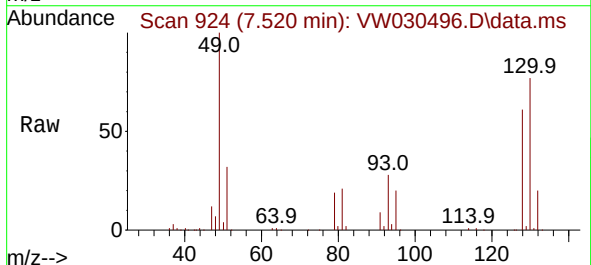
Instrument :
MSVOA_W
ClientSampleId :

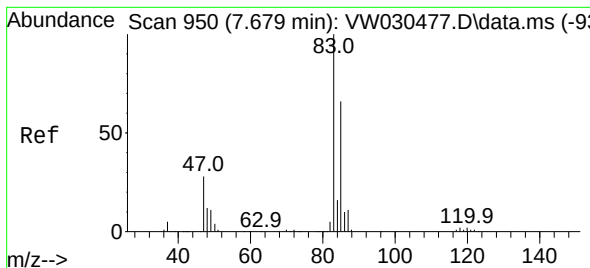
Tgt Ion: 43 Resp: 62203
Ion Ratio Lower Upper
43 100
72 28.9 14.4 43.0



#23
Bromochloromethane
Concen: 23.937 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23

Tgt Ion: 128 Resp: 54169
Ion Ratio Lower Upper
128 100
49 164.4 110.1 204.5
130 126.9 82.9 153.9
51 52.0 37.9 56.9





#25

Chloroform

Concen: 24.392 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

Instrument :

MSVOA_W

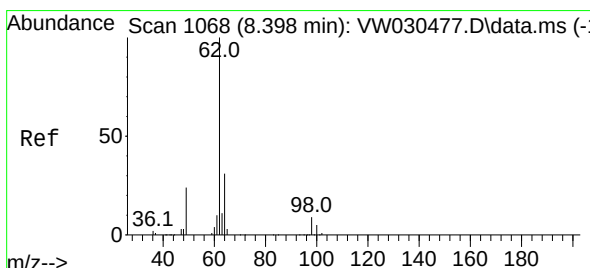
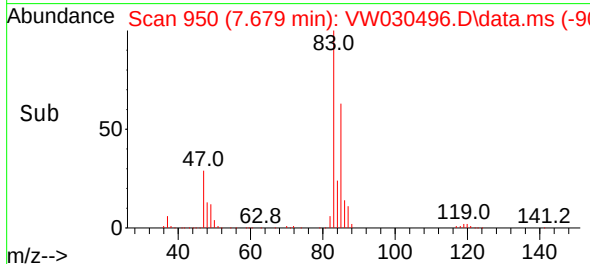
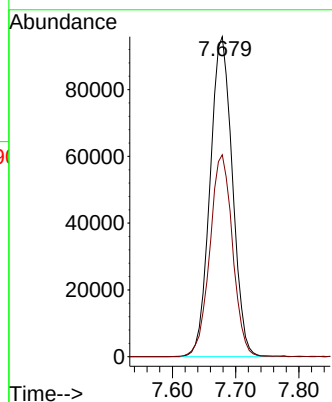
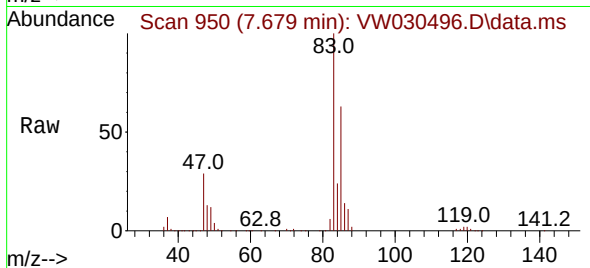
ClientSampleId :

Tgt Ion: 83 Resp: 234952

Ion Ratio Lower Upper

83 100

85 63.1 45.1 83.7



#27

1,2-Dichloroethane

Concen: 24.095 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030496.D

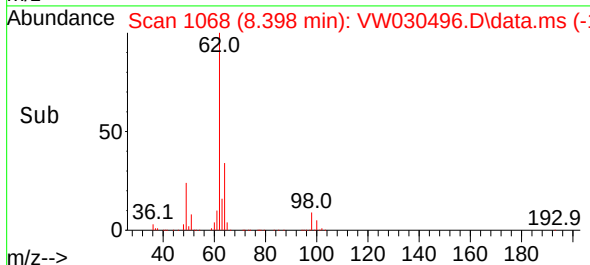
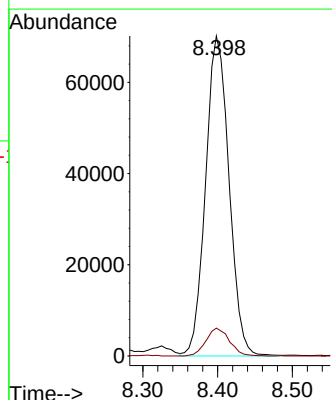
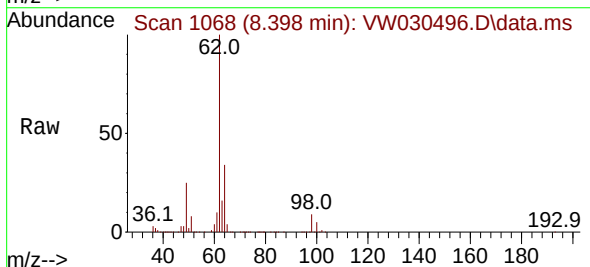
Acq: 10 Oct 2024 00:23

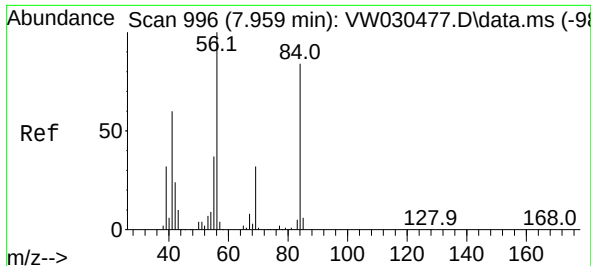
Tgt Ion: 62 Resp: 153117

Ion Ratio Lower Upper

62 100

98 8.7 7.0 10.6





#29

Cyclohexane

Concen: 23.616 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

Instrument :

MSVOA_W

ClientSampleId :

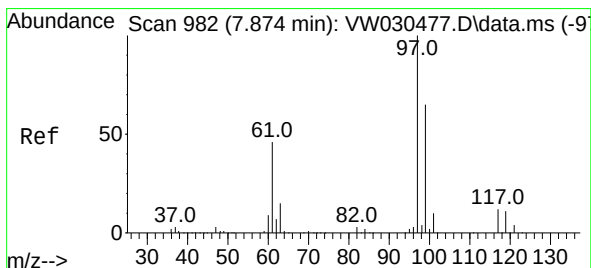
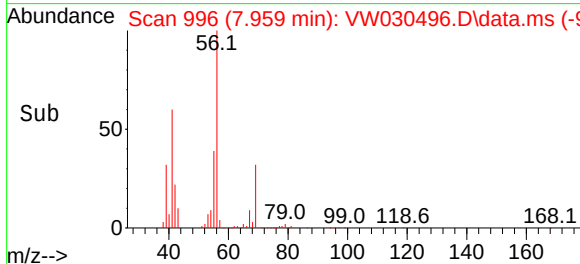
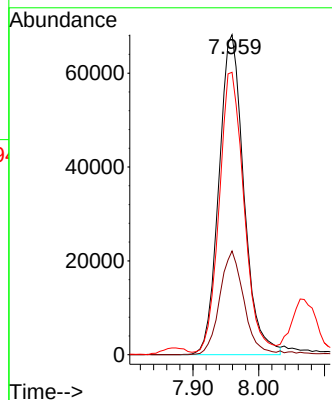
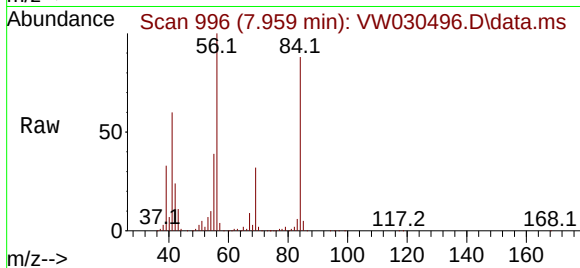
Tgt Ion: 56 Resp: 180386

Ion Ratio Lower Upper

56 100

69 31.2 25.4 38.0

84 88.0 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 22.614 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

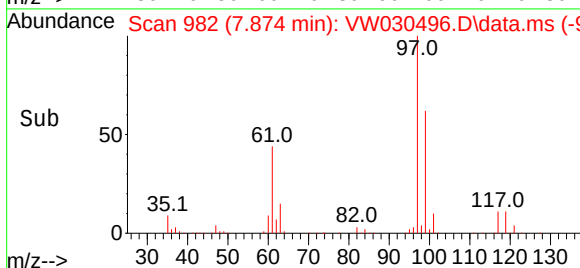
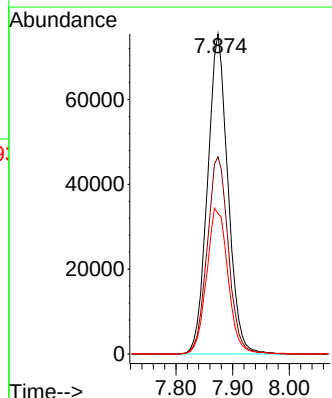
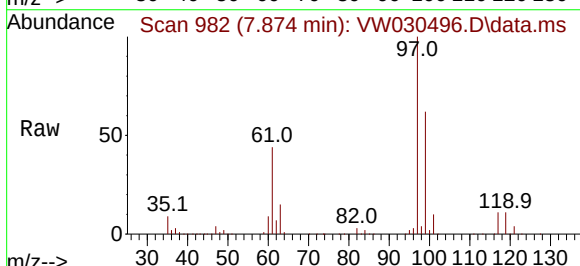
Tgt Ion: 97 Resp: 188365

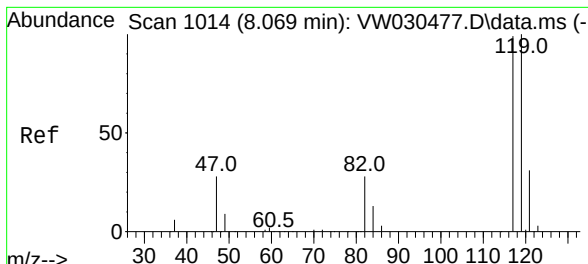
Ion Ratio Lower Upper

97 100

99 64.0 52.3 78.5

61 47.9 38.5 57.7



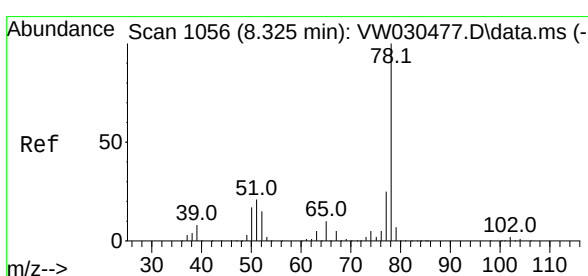
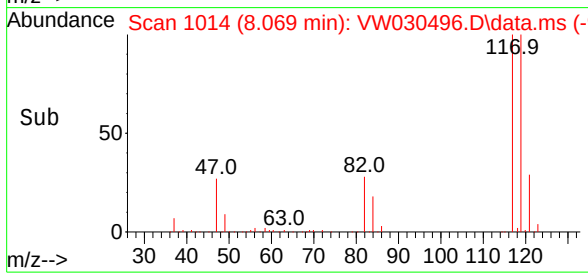
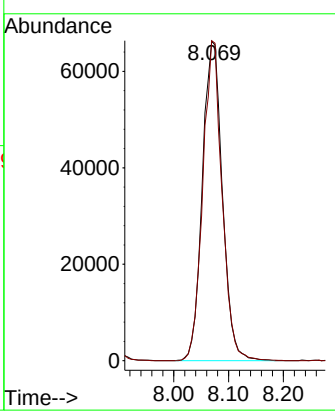
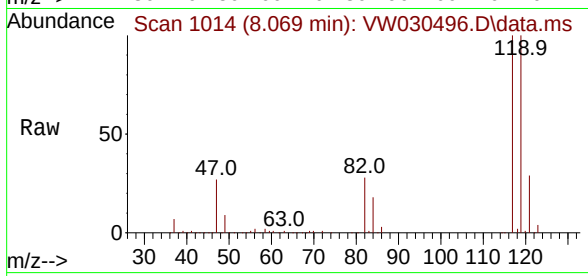


#31
Carbon tetrachloride
Concen: 22.506 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23

Instrument :
MSVOA_W
ClientSampleId :

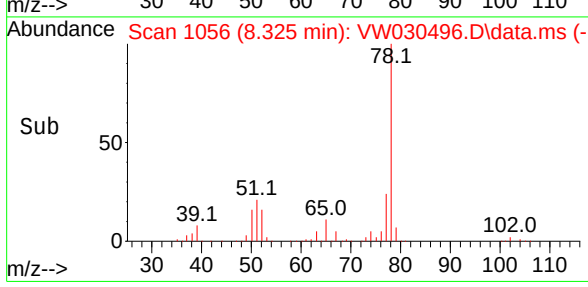
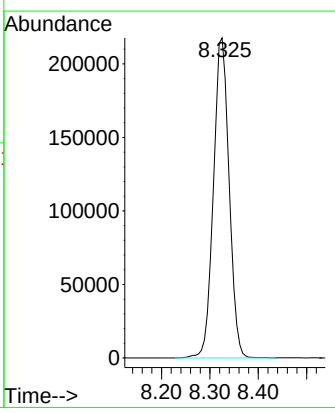
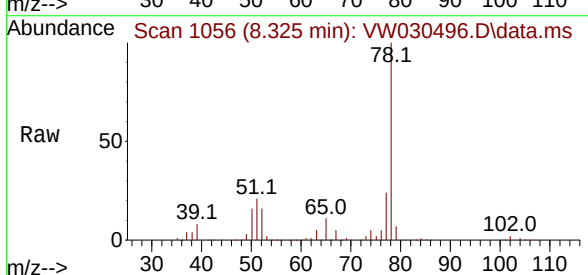
Tgt Ion:117 Resp: 167433

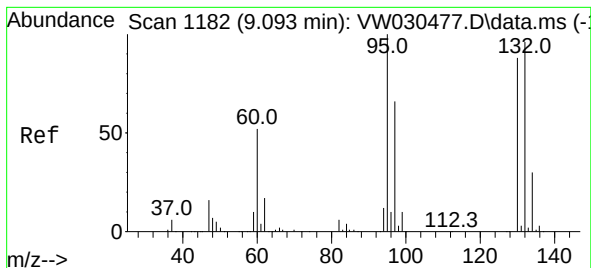
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.8	116.8



#33
Benzene
Concen: 23.979 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23

Tgt Ion: 78 Resp: 489646





#34

Trichloroethene

Concen: 22.756 ug/L

RT: 9.087 min Scan# 1182

Delta R.T. -0.006 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 129275

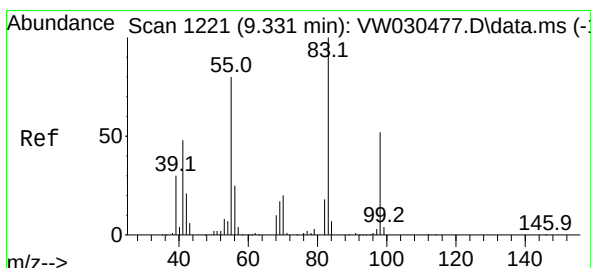
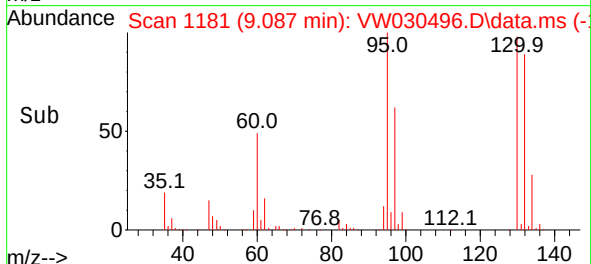
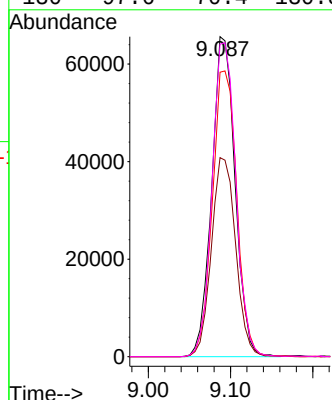
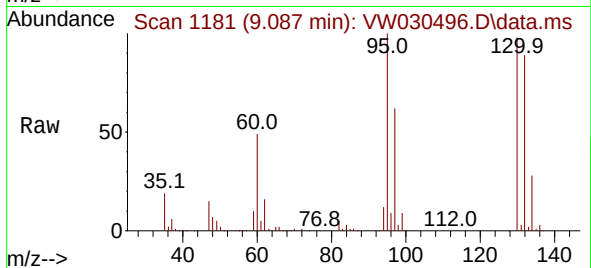
Ion Ratio Lower Upper

95 100

97 62.2 45.9 85.3

132 88.9 66.4 123.2

130 97.6 70.4 130.8



#35

Methylcyclohexane

Concen: 22.855 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

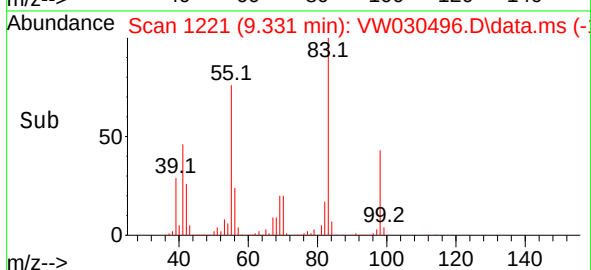
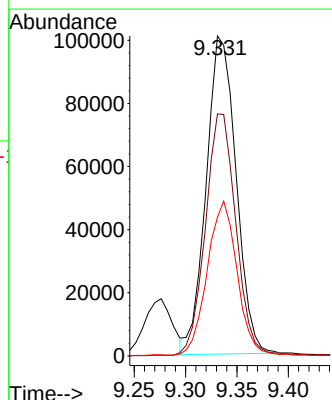
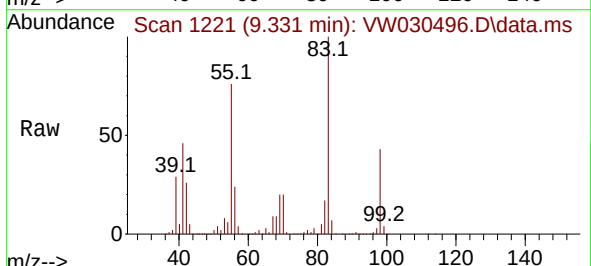
Tgt Ion: 83 Resp: 204335

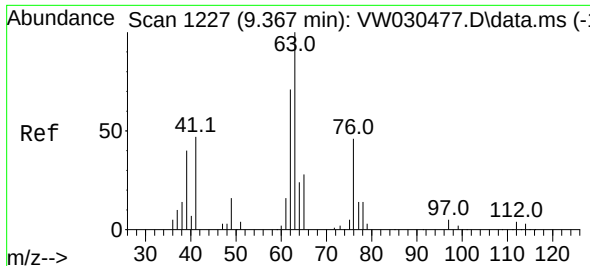
Ion Ratio Lower Upper

83 100

55 78.2 61.8 92.8

98 48.9 39.3 58.9





#37

1,2-Dichloropropane

Concen: 23.699 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

Instrument :

MSVOA_W

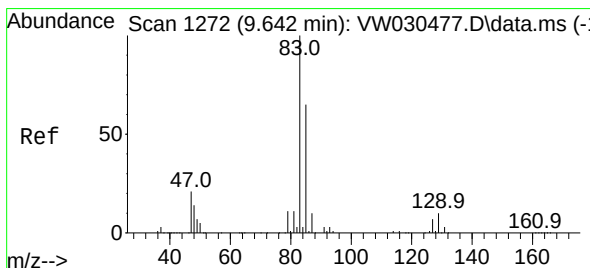
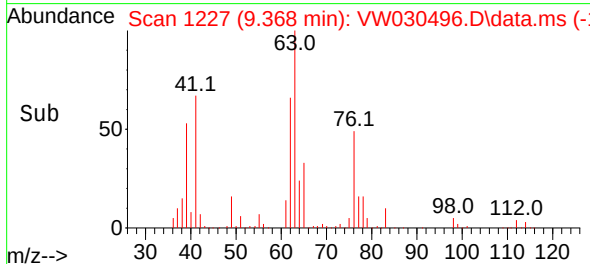
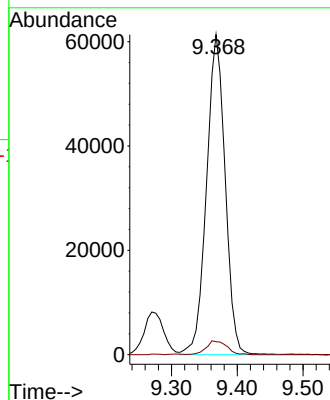
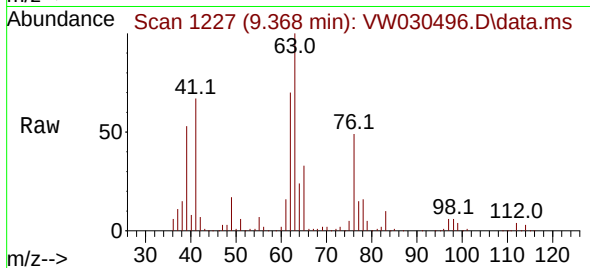
ClientSampleId :

Tgt Ion: 63 Resp: 120864

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5



#38

Bromodichloromethane

Concen: 23.864 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

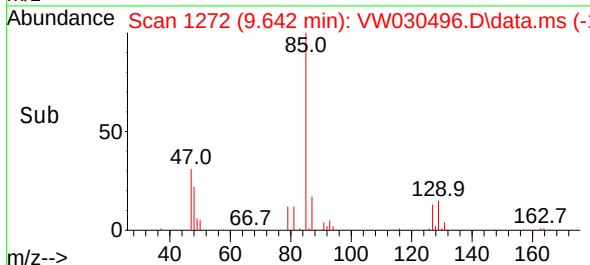
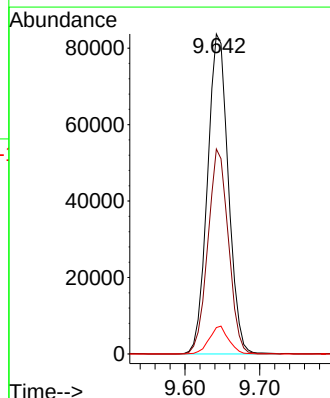
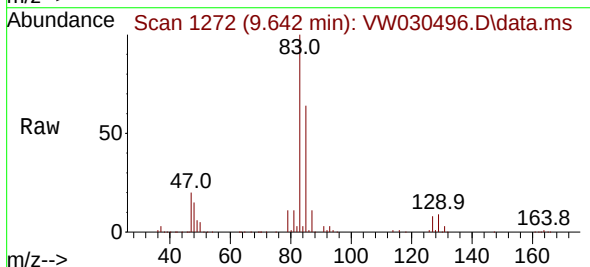
Tgt Ion: 83 Resp: 161922

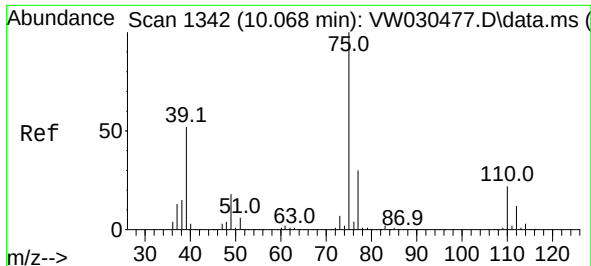
Ion Ratio Lower Upper

83 100

85 64.1 44.2 82.0

127 8.3 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 24.414 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

Instrument :

MSVOA_W

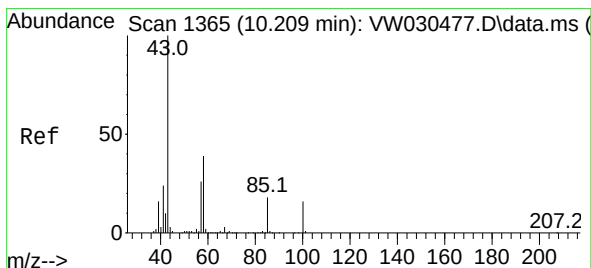
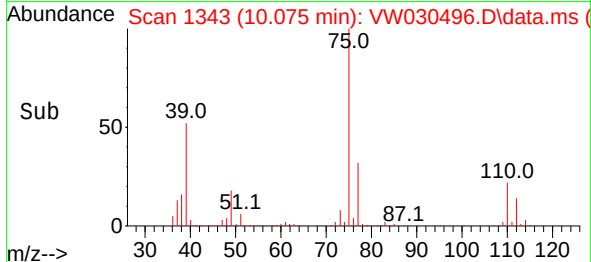
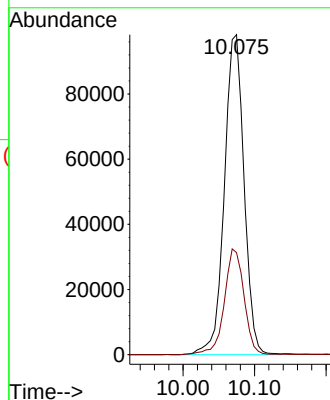
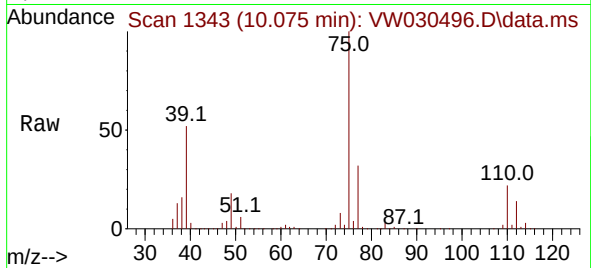
ClientSampleId :

Tgt Ion: 75 Resp: 187803

Ion Ratio Lower Upper

75 100

77 31.9 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 48.779 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

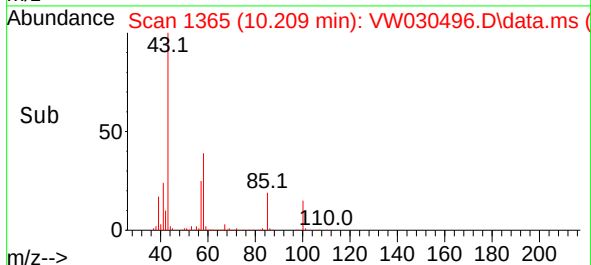
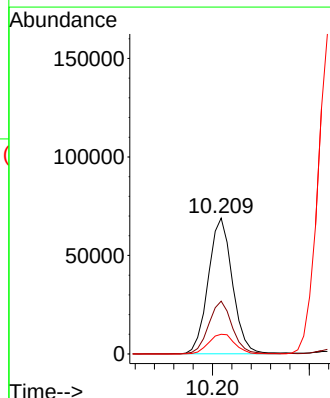
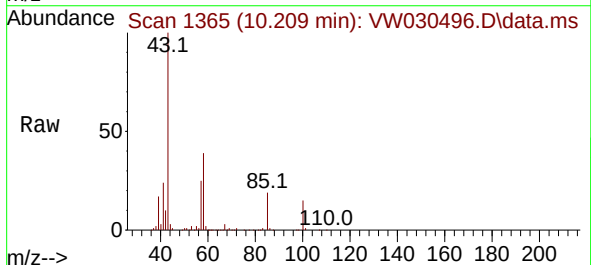
Tgt Ion: 43 Resp: 119510

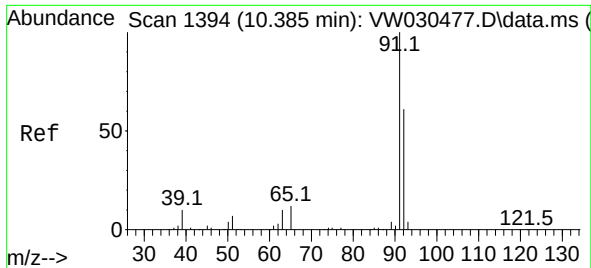
Ion Ratio Lower Upper

43 100

58 38.1 31.4 47.2

100 15.8 13.1 19.7

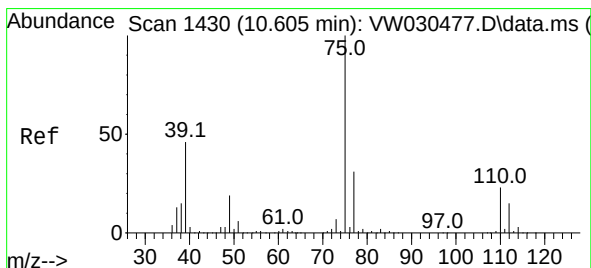
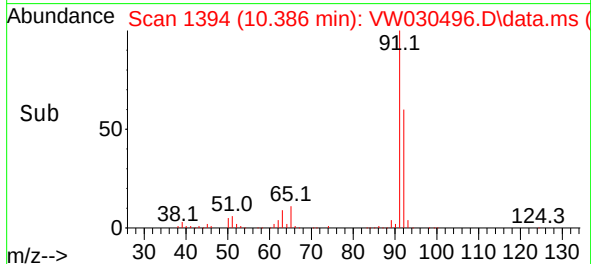
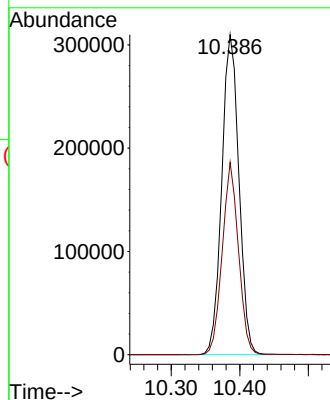
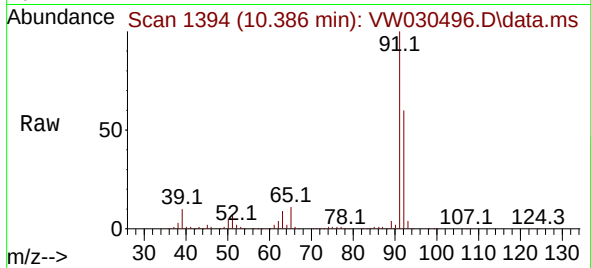




#42
Toluene
Concen: 24.650 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23

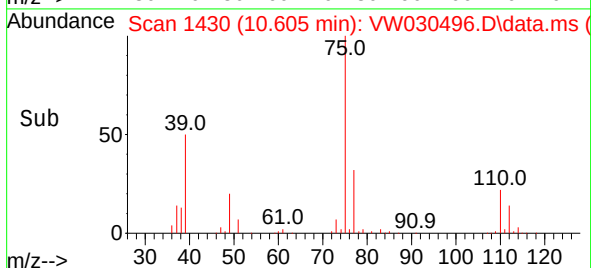
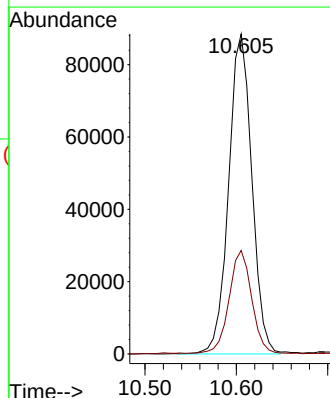
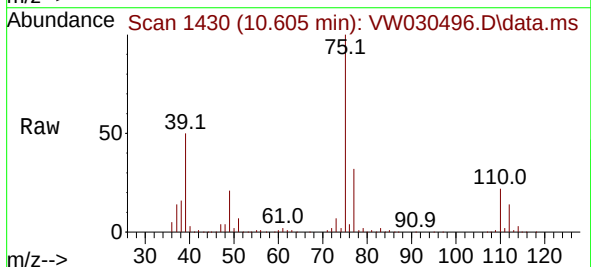
Instrument :
MSVOA_W
ClientSampleId :

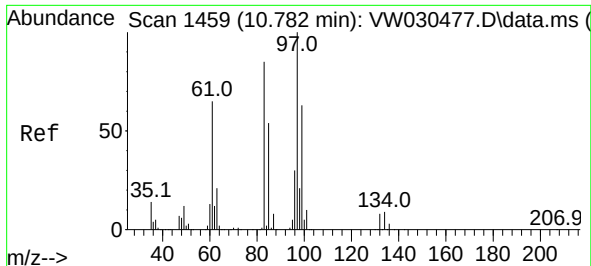
Tgt Ion: 91 Resp: 536982
Ion Ratio Lower Upper
91 100
92 60.1 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 24.114 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23

Tgt Ion: 75 Resp: 155878
Ion Ratio Lower Upper
75 100
77 32.3 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 23.655 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

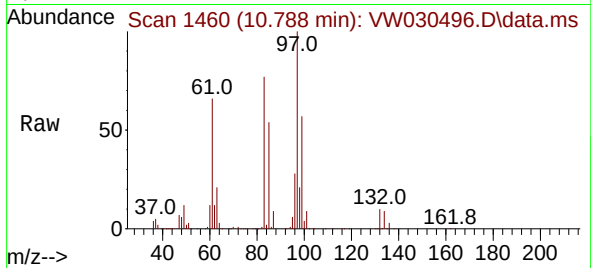
Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 87188

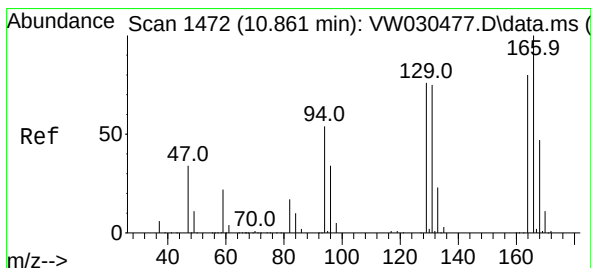
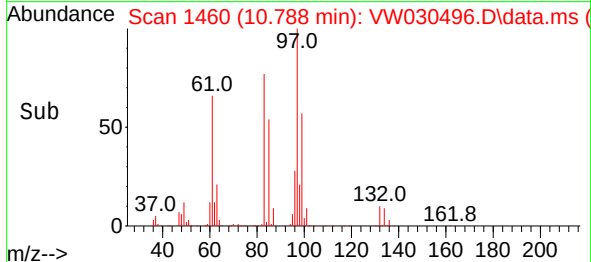
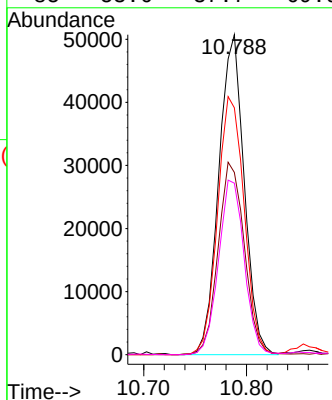
Ion Ratio Lower Upper

97 100

99 56.9 41.2 76.6

83 77.1 59.6 110.6

85 53.6 37.7 69.9



#46

Tetrachloroethene

Concen: 23.650 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

Tgt Ion:164 Resp: 99093

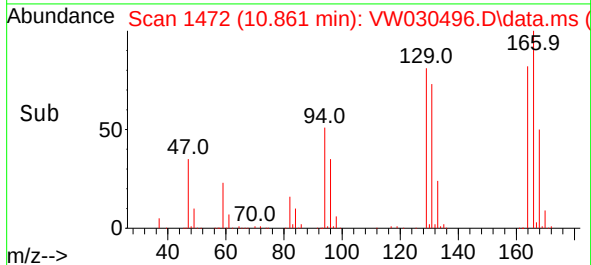
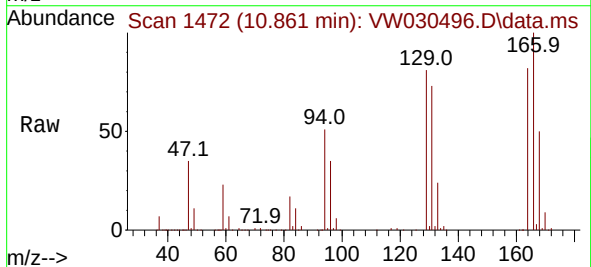
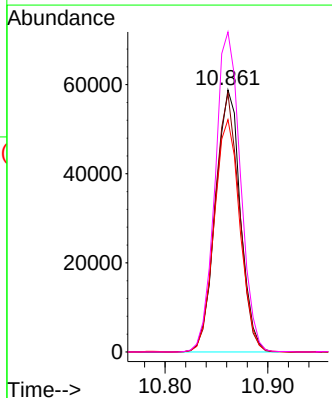
Ion Ratio Lower Upper

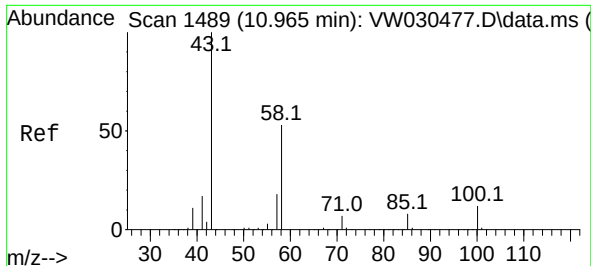
164 100

129 98.7 66.6 123.6

131 88.7 63.7 118.3

166 122.1 88.7 164.7

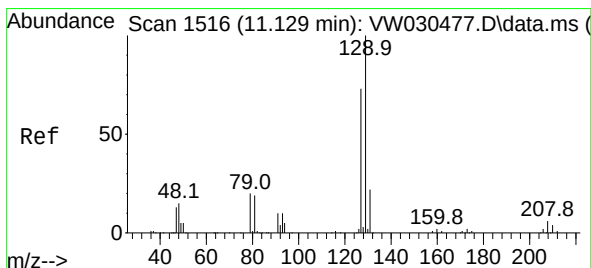
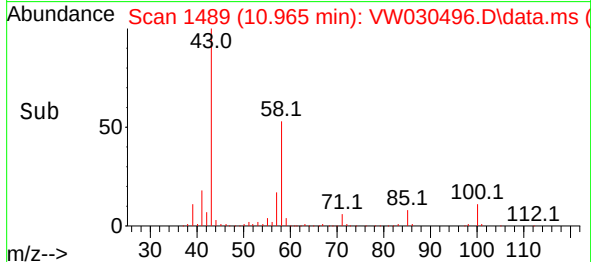
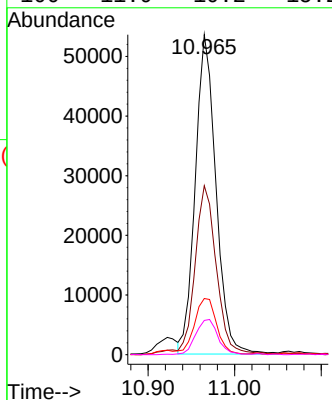
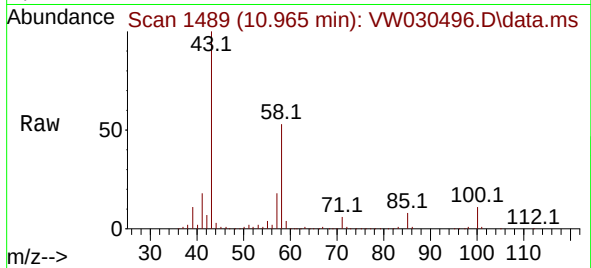




#48
2-Hexanone
Concen: 44.415 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23

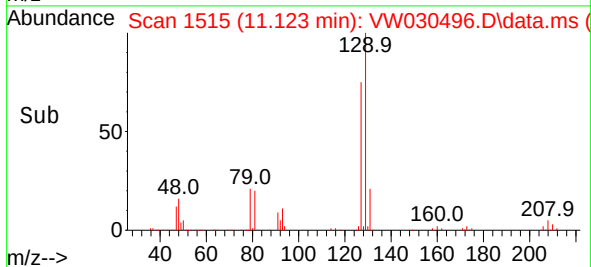
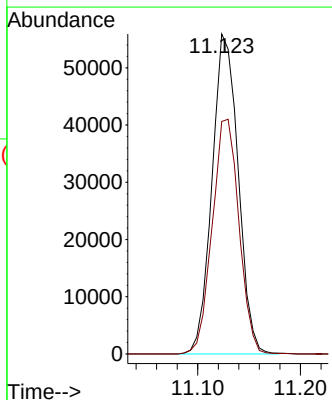
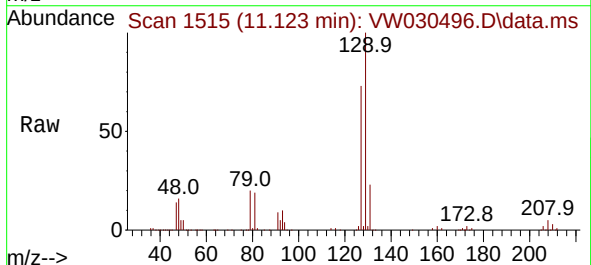
Instrument :
MSVOA_W
ClientSampleId :

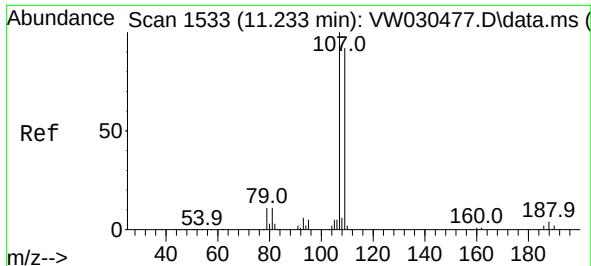
Tgt Ion: 43 Resp: 88989
Ion Ratio Lower Upper
43 100
58 53.1 44.6 67.0
57 18.6 15.8 23.8
100 11.9 10.2 15.2



#49
Dibromochloromethane
Concen: 24.017 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23

Tgt Ion: 129 Resp: 98772
Ion Ratio Lower Upper
129 100
127 72.6 56.5 104.9





#50

1,2-Dibromoethane

Concen: 23.581 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030496.D

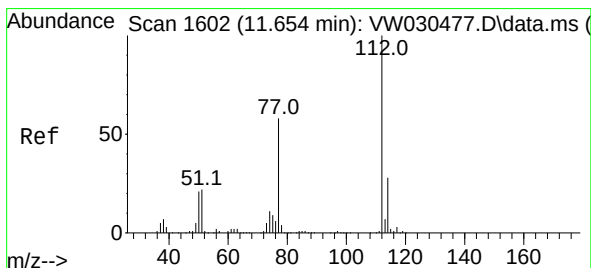
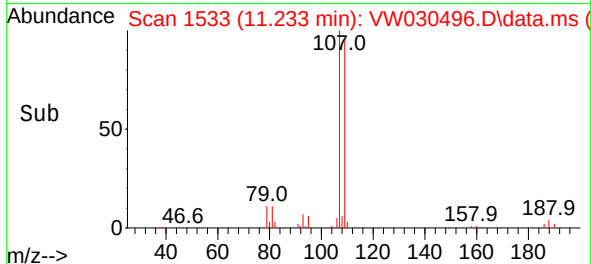
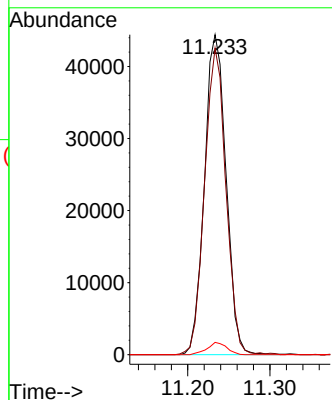
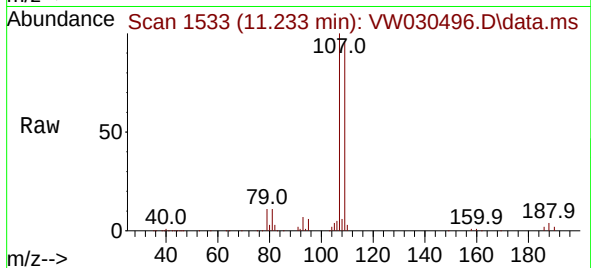
Acq: 10 Oct 2024 00:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	81102
Ion Ratio	Lower	Upper	
107	100		
109	95.8	63.8	118.6
188	3.9	2.6	3.8#



#51

Chlorobenzene

Concen: 23.301 ug/L

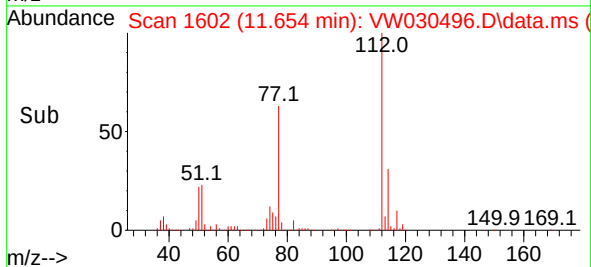
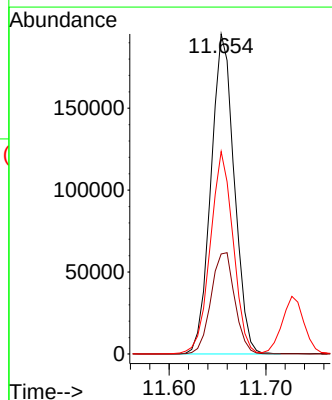
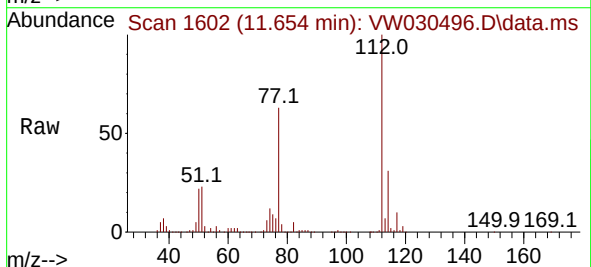
RT: 11.654 min Scan# 1602

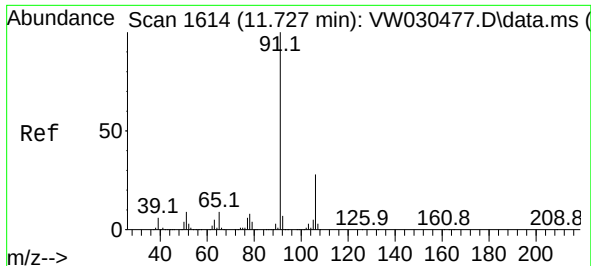
Delta R.T. 0.000 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

Tgt Ion:	112	Resp:	326765
Ion Ratio	Lower	Upper	
112	100		
114	31.2	22.4	41.6
77	63.2	47.1	70.7

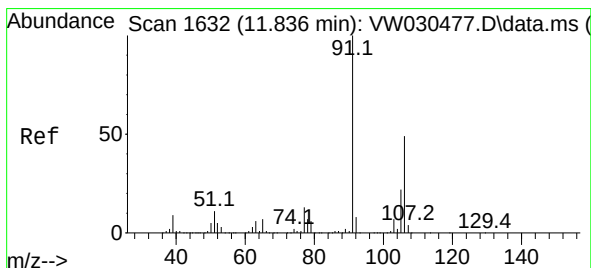
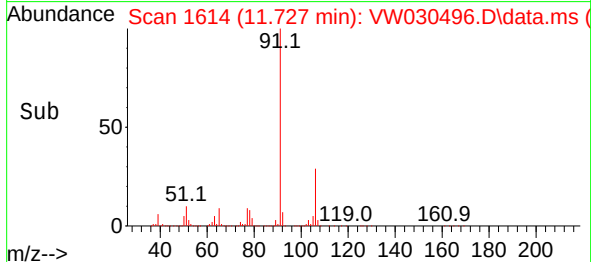
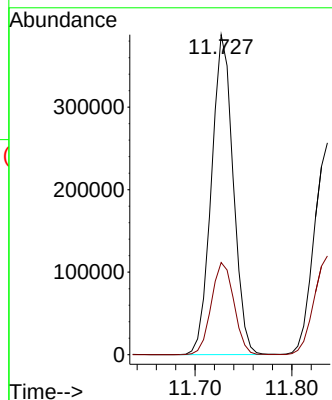
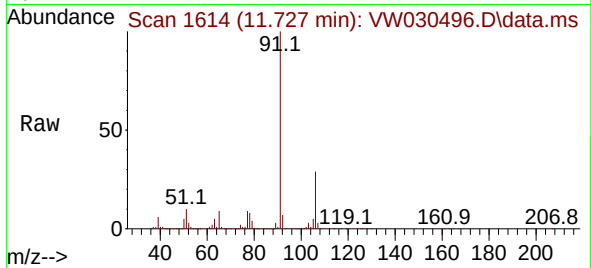




#52
Ethylbenzene
Concen: 24.406 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23

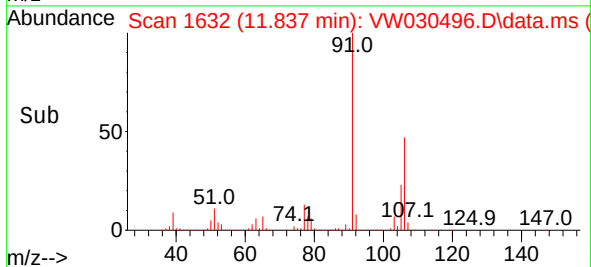
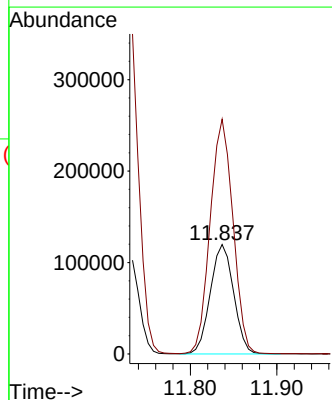
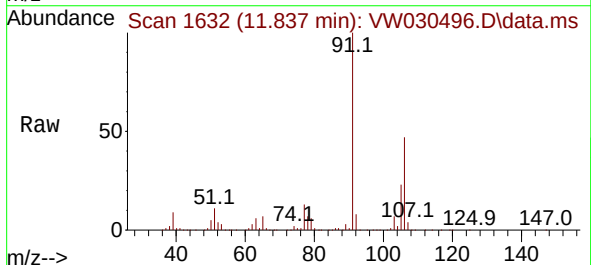
Instrument :
MSVOA_W
ClientSampleId :

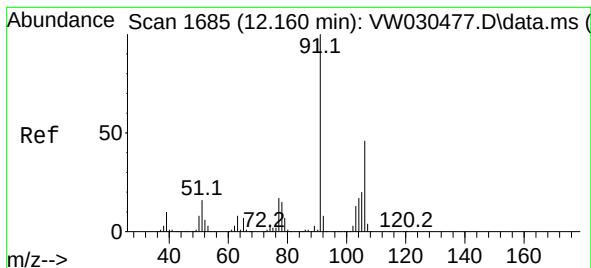
Tgt Ion: 91 Resp: 606679
Ion Ratio Lower Upper
91 100
106 28.8 21.1 39.1



#53
m,p-Xylene
Concen: 24.021 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23

Tgt Ion:106 Resp: 223703
Ion Ratio Lower Upper
106 100
91 214.6 140.6 261.2

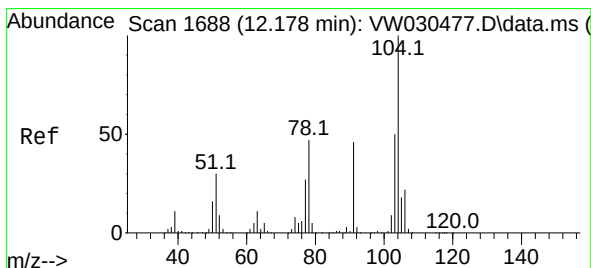
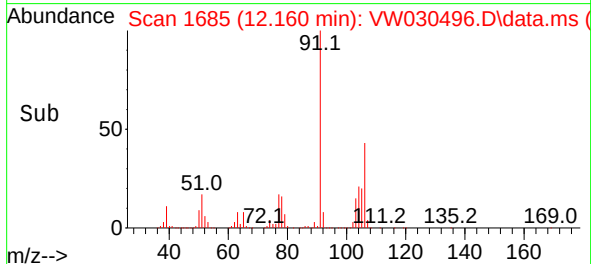
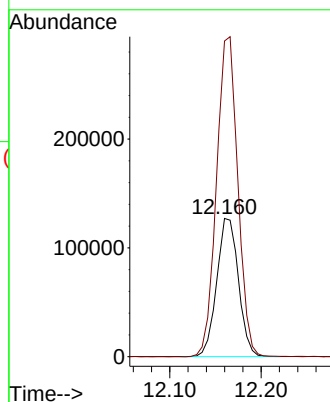
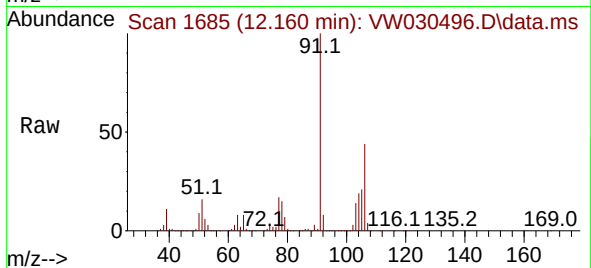




#54
o-Xylene
Concen: 24.370 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23

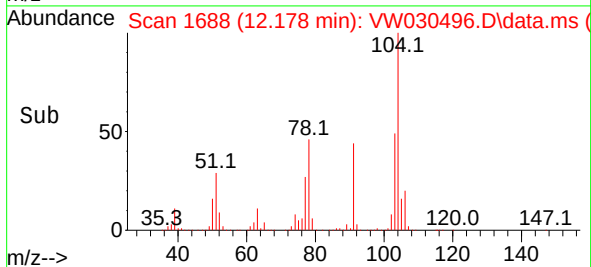
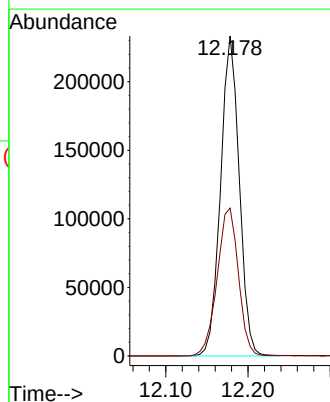
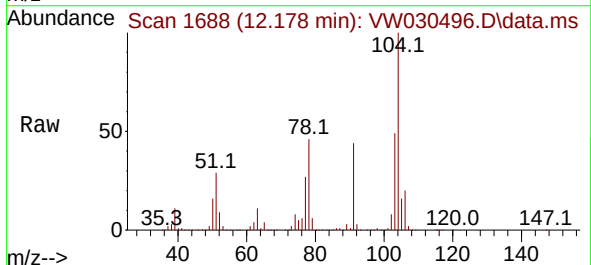
Instrument :
MSVOA_W
ClientSampleId :

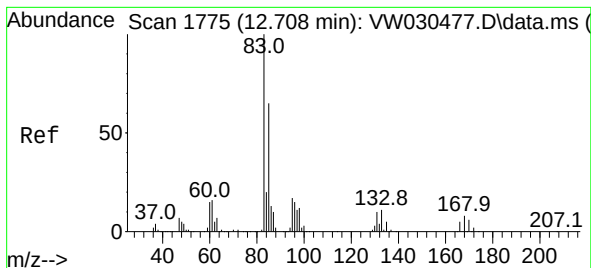
Tgt Ion:106 Resp: 209818
Ion Ratio Lower Upper
106 100
91 228.4 144.5 268.4



#55
Styrene
Concen: 25.068 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23

Tgt Ion:104 Resp: 368966
Ion Ratio Lower Upper
104 100
78 46.2 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 23.241 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

Instrument :

MSVOA_W

ClientSampleId :

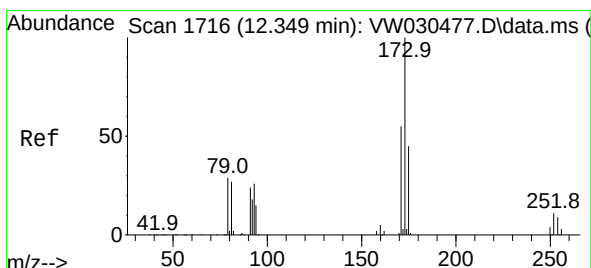
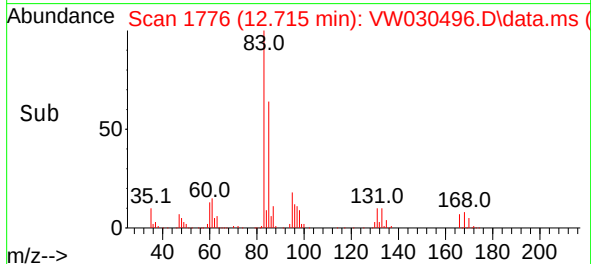
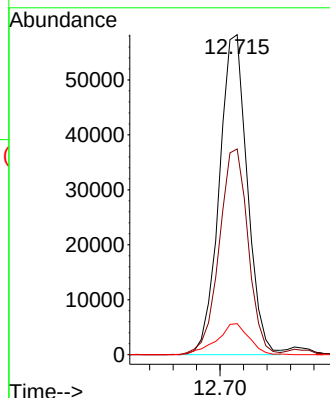
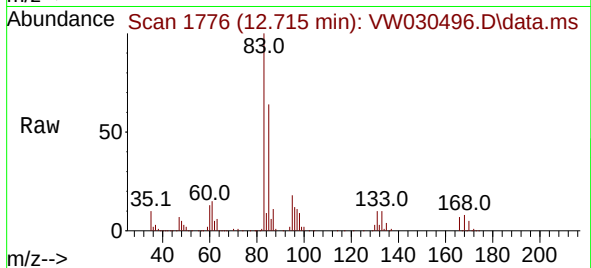
Tgt Ion: 83 Resp: 96599

Ion Ratio Lower Upper

83 100

85 64.3 42.6 79.2

131 9.7 7.4 11.0



#59

Bromoform

Concen: 23.959 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

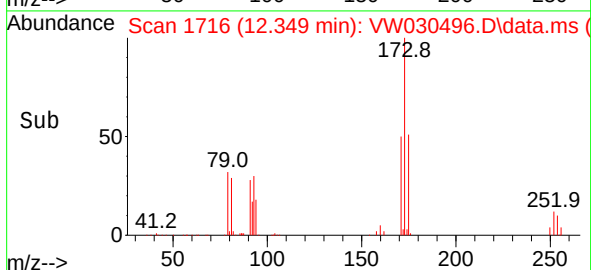
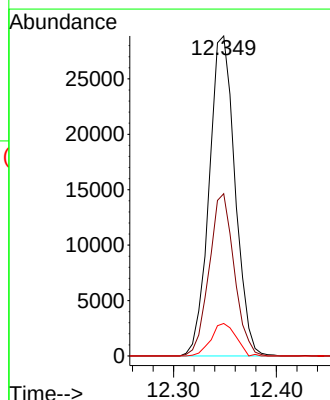
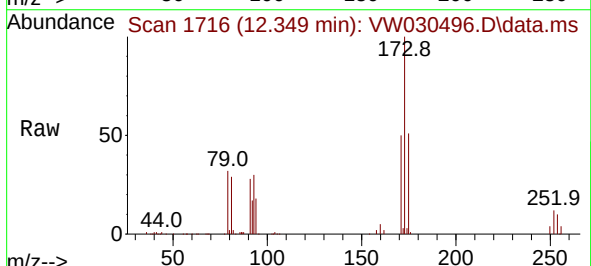
Tgt Ion:173 Resp: 50525

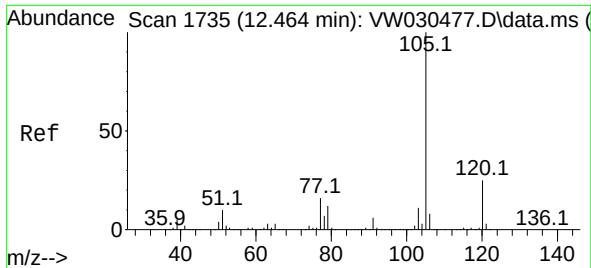
Ion Ratio Lower Upper

173 100

175 49.1 39.0 58.4

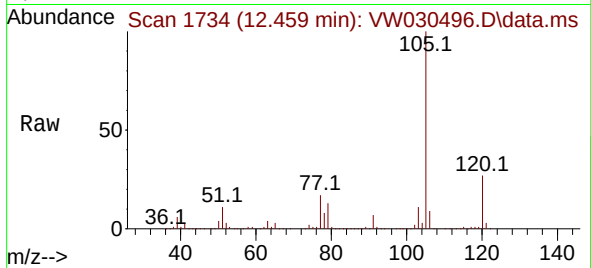
254 9.7 7.7 11.5



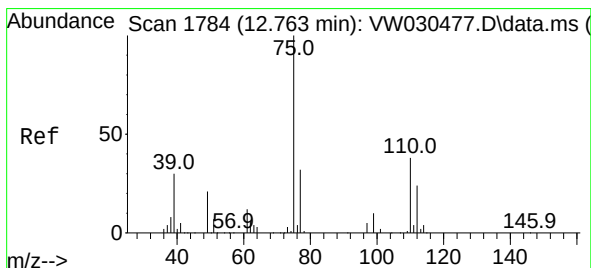
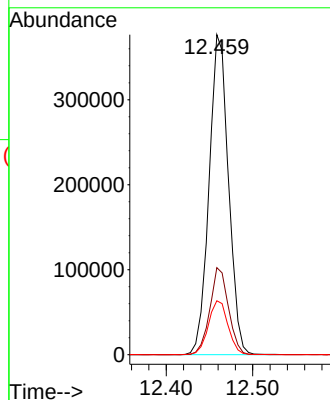
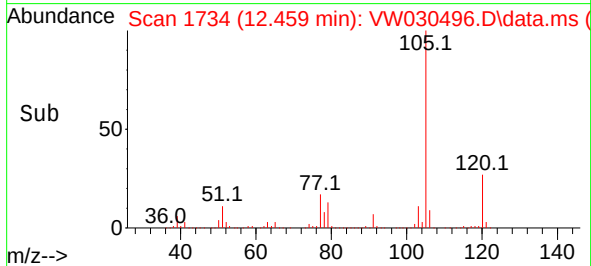


#60
Isopropylbenzene
Concen: 25.202 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23

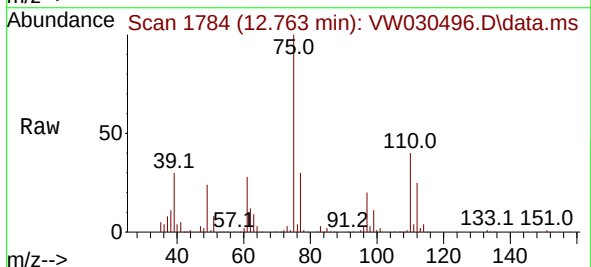
Instrument :
MSVOA_W
ClientSampleId :



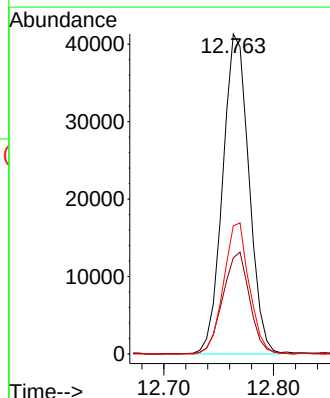
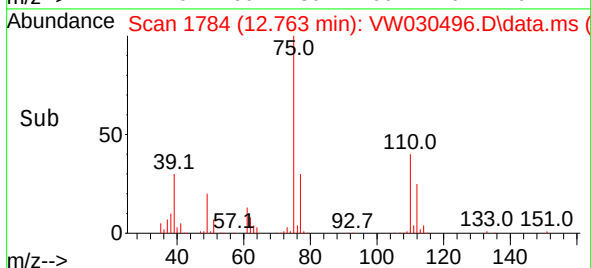
Tgt Ion:105 Resp: 585811
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0
77 17.1 13.4 20.0

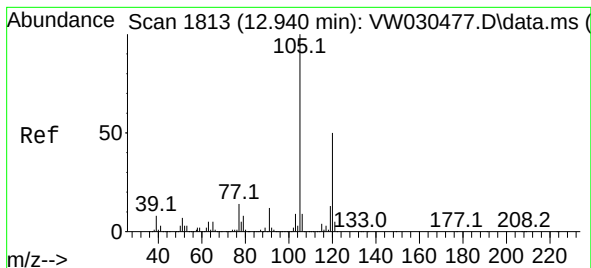


#61
1,2,3-Trichloropropane
Concen: 23.561 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW030496.D
Acq: 10 Oct 2024 00:23



Tgt Ion: 75 Resp: 68815
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5
110 40.1 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 26.483 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

Instrument :

MSVOA_W

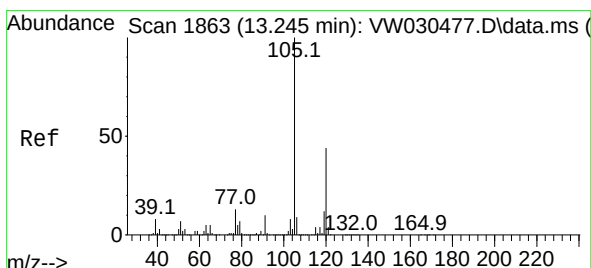
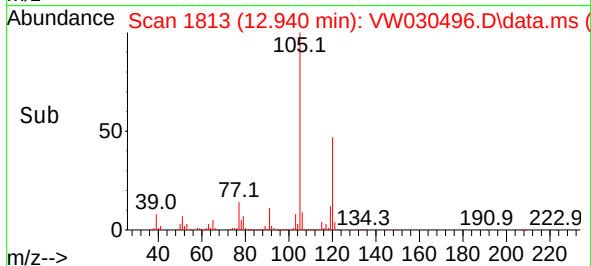
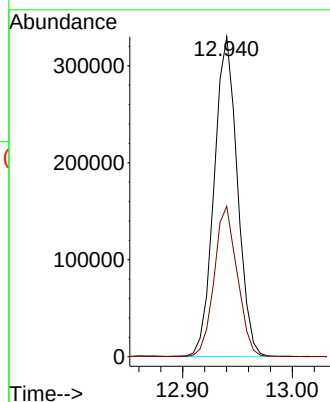
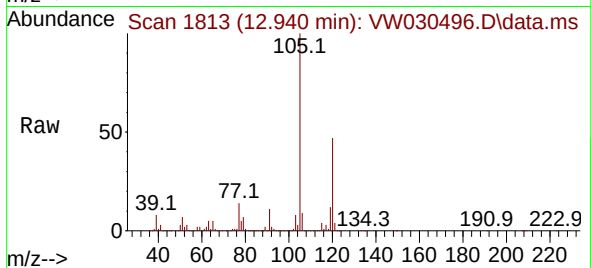
ClientSampleId :

Tgt Ion:105 Resp: 485662

Ion Ratio Lower Upper

105 100

120 46.8 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 27.173 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030496.D

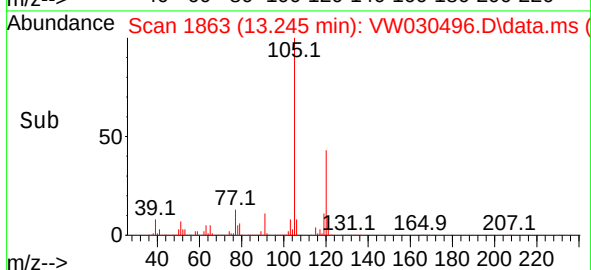
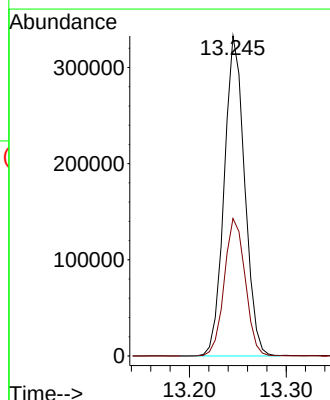
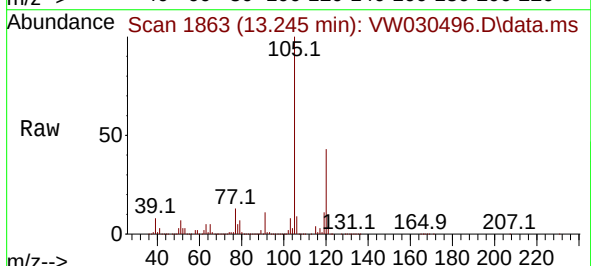
Acq: 10 Oct 2024 00:23

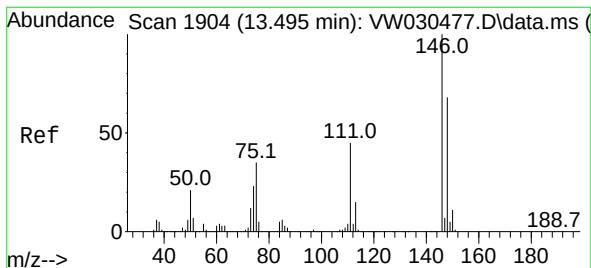
Tgt Ion:105 Resp: 487892

Ion Ratio Lower Upper

105 100

120 43.9 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 23.938 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

Instrument :

MSVOA_W

ClientSampleId :

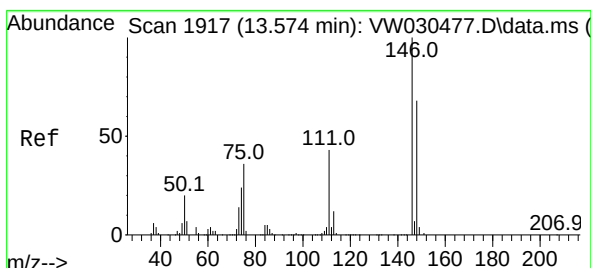
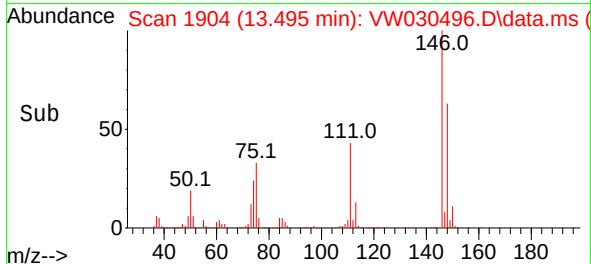
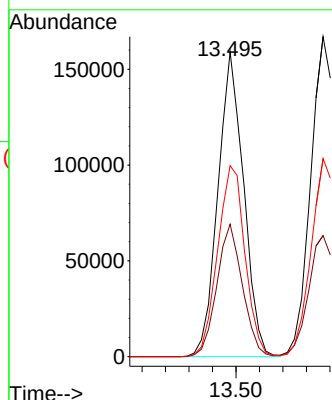
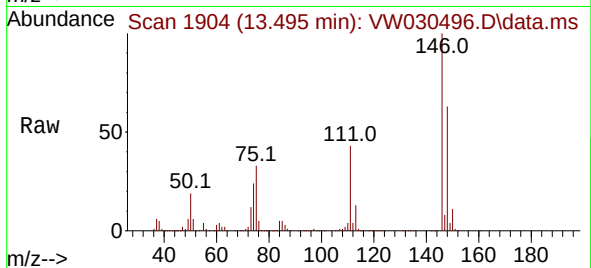
Tgt Ion:146 Resp: 242203

Ion Ratio Lower Upper

146 100

111 43.5 31.2 58.0

148 62.7 45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 25.236 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

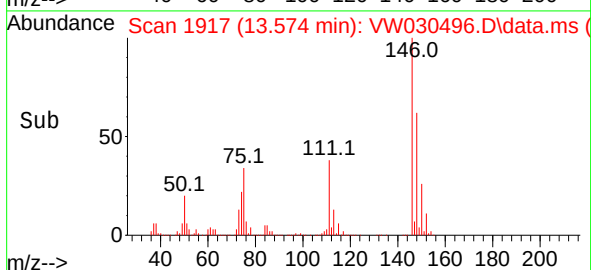
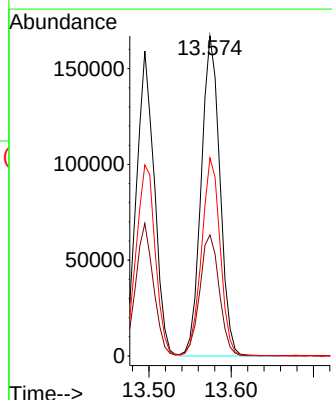
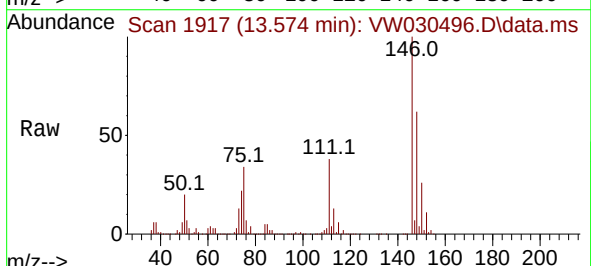
Tgt Ion:146 Resp: 263646

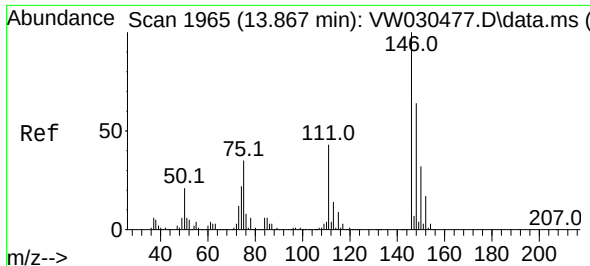
Ion Ratio Lower Upper

146 100

111 37.8 26.8 49.8

148 61.9 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 25.659 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

Instrument :

MSVOA_W

ClientSampleId :

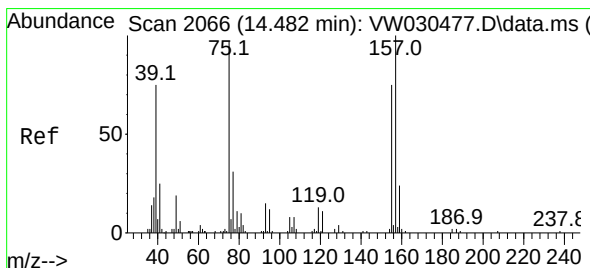
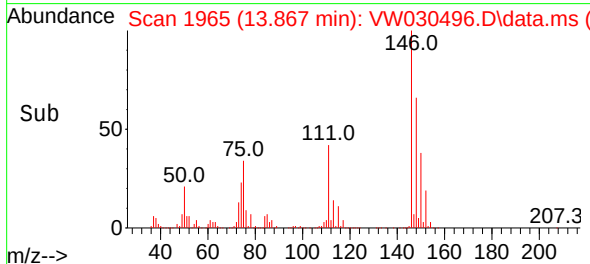
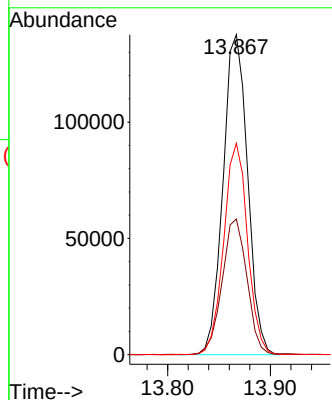
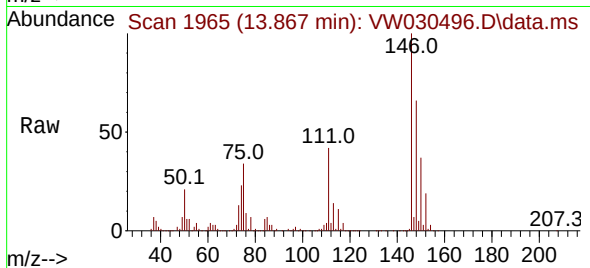
Tgt Ion:146 Resp: 228450

Ion Ratio Lower Upper

146 100

111 42.4 34.6 52.0

148 66.0 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 22.997 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

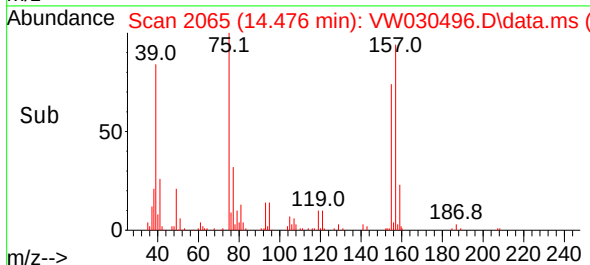
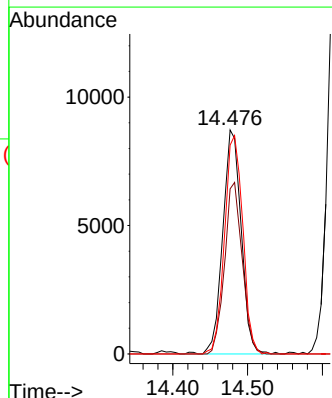
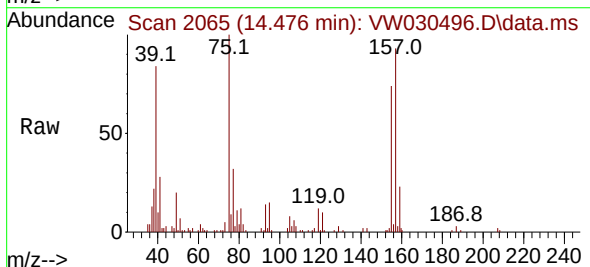
Tgt Ion: 75 Resp: 14977

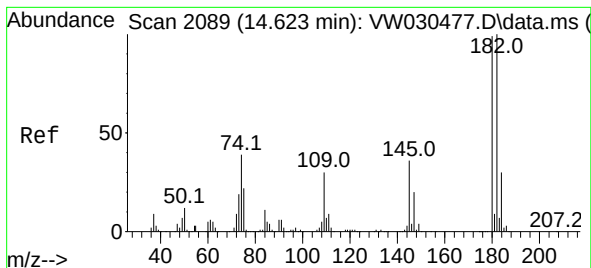
Ion Ratio Lower Upper

75 100

155 73.7 57.9 86.9

157 93.2 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 25.074 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

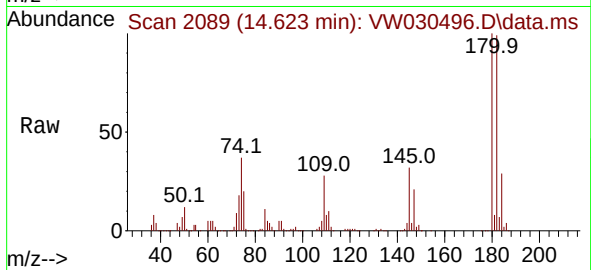
Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 167294

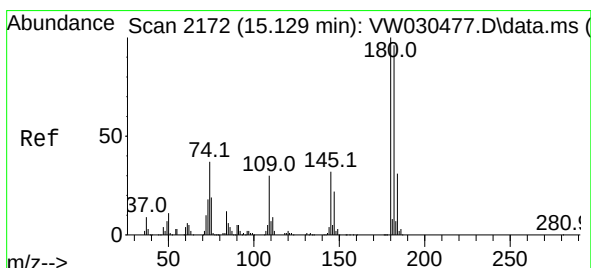
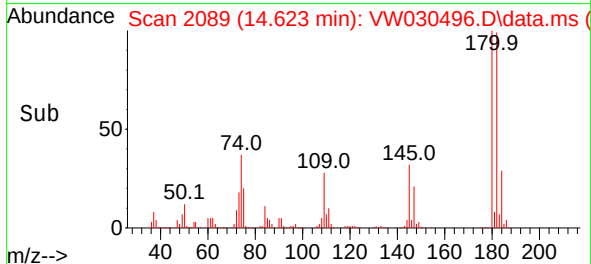
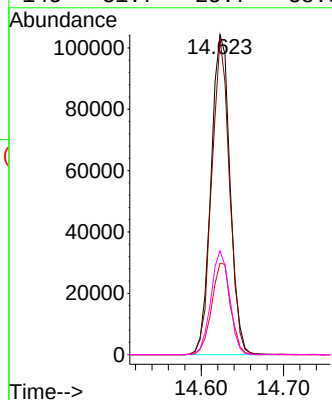
Ion Ratio Lower Upper

180 100

182 93.1 79.9 119.9

184 28.6 25.2 37.8

145 31.7 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 25.769 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW030496.D

Acq: 10 Oct 2024 00:23

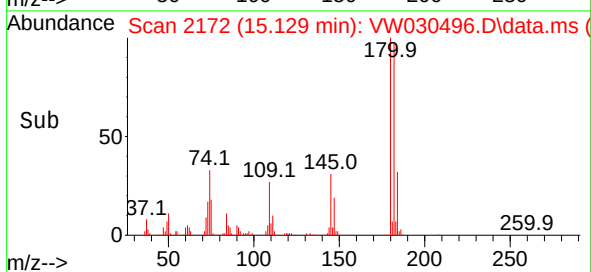
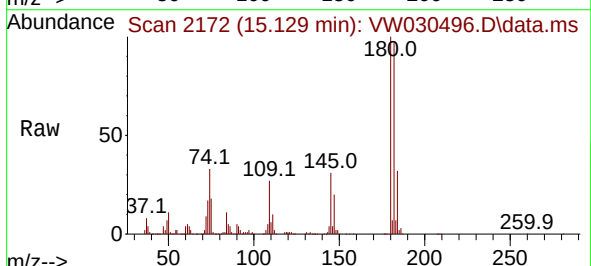
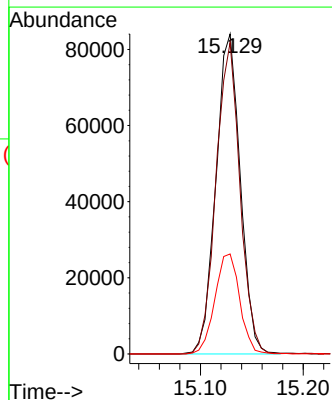
Tgt Ion:180 Resp: 138412

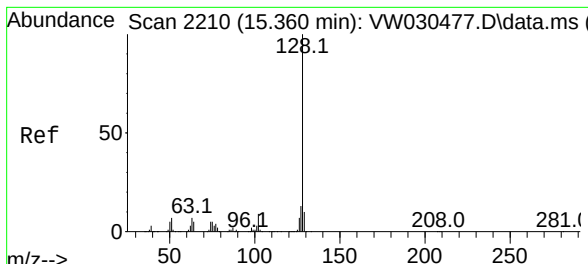
Ion Ratio Lower Upper

180 100

182 95.7 75.2 112.8

145 31.8 25.4 38.2



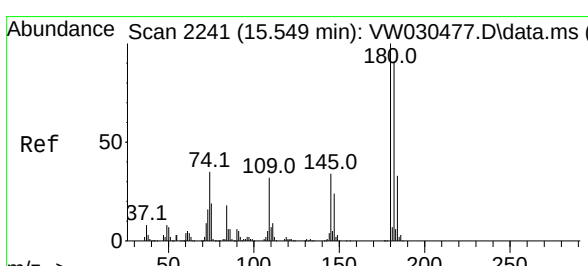
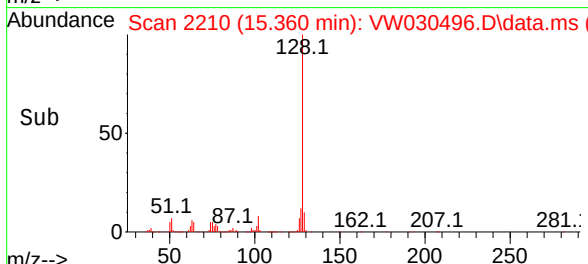
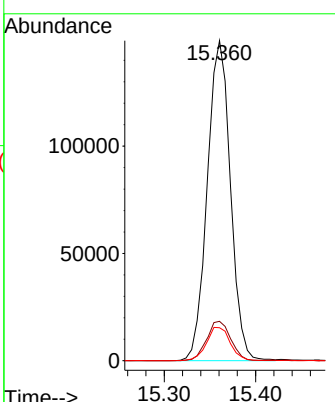
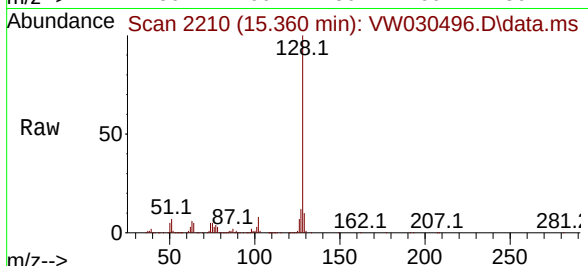


#71
 Naphthalene
 Concen: 28.293 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VW030496.D
 Acq: 10 Oct 2024 00:23

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 262548

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.9	16.3
129	10.7	8.8	13.2



#72
 1,2,3-Trichlorobenzene
 Concen: 25.362 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: VW030496.D
 Acq: 10 Oct 2024 00:23

Tgt Ion:180 Resp: 118093

Ion	Ratio	Lower	Upper
180	100		
182	98.5	76.2	114.4
145	35.5	27.4	41.2

