

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
 Data File : VW030472.D
 Acq On : 09 Oct 2024 14:12
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 10 01:04:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 10 01:03:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	346515	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	321575	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	159306	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	32076	5.889	ug/L	0.00
7) Chloroethane-d5	2.899	69	23157	5.617	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	12608	5.565	ug/L	0.00
21) 2-Butanone-d5	7.087	46	8725	8.889	ug/L	0.00
24) Chloroform-d	7.654	84	52896	5.338	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	27150	5.269	ug/L	0.00
32) Benzene-d6	8.276	84	99002	5.304	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	28797	5.257	ug/L	0.00
41) Toluene-d8	10.325	98	83817	4.919	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	10519	4.586	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	5974	8.467	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	19755	4.910	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.854	152	26572	4.930	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	21214	4.792	ug/L	99
3) Chloromethane	2.222	50	25741	5.003	ug/L	99
5) Vinyl chloride	2.375	62	33478	5.291	ug/L	94
6) Bromomethane	2.796	94	21488	5.159	ug/L	94
8) Chloroethane	2.936	64	20244	5.233	ug/L	97
9) Trichlorofluoromethane	3.271	101	27840	4.917	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	8765	1.841	ug/L #	1
12) 1,1-Dichloroethene	4.045	96	23684	5.094	ug/L	97
13) Acetone	4.131	43	10976	7.782	ug/L	91
14) Carbon disulfide	4.393	76	76483	5.038	ug/L	100
15) Methyl Acetate	4.673	43	8754	4.871	ug/L	99
16) Methylene chloride	4.923	84	28574	5.455	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	24584	4.901	ug/L	98
18) Methyl tert-butyl Ether	5.435	73	33887	4.827	ug/L	98
19) 1,1-Dichloroethane	6.222	63	47851	5.132	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	26407	4.935	ug/L	96
22) 2-Butanone	7.179	43	9931	6.781	ug/L	84
23) Bromochloromethane	7.520	128	12330	5.267	ug/L	88
25) Chloroform	7.679	83	51926	5.212	ug/L	100
27) 1,2-Dichloroethane	8.398	62	34164	5.197	ug/L	99
29) Cyclohexane	7.959	56	35171	4.493	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	43143	5.054	ug/L	98
31) Carbon tetrachloride	8.075	117	38506	5.050	ug/L	100
33) Benzene	8.325	78	106268	5.078	ug/L	100
34) Trichloroethene	9.093	95	29443	5.057	ug/L	93
35) Methylcyclohexane	9.337	83	44206	4.825	ug/L	100
37) 1,2-Dichloropropane	9.367	63	26957	5.150	ug/L	98
38) Bromodichloromethane	9.648	83	34302	4.933	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	36171	4.588	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	22957	9.143	ug/L	97
42) Toluene	10.386	91	110130	4.933	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	30346	4.581	ug/L	96

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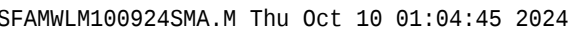
Quant Time: Oct 10 01:04:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 10 01:03:35 2024
 Response via : Initial Calibration

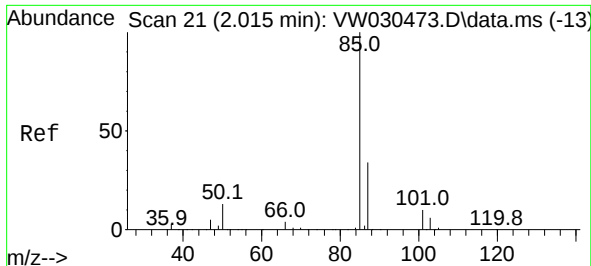
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.788	97	19264	5.100	ug/L	98
46) Tetrachloroethene	10.861	164	21560	5.021	ug/L	95
48) 2-Hexanone	10.965	43	15926	7.756	ug/L	100
49) Dibromochloromethane	11.123	129	20080	4.764	ug/L	90
50) 1,2-Dibromoethane	11.233	107	17841	5.062	ug/L #	98
51) Chlorobenzene	11.654	112	71912	5.004	ug/L	95
52) Ethylbenzene	11.727	91	123580	4.851	ug/L	100
53) m,p-Xylene	11.837	106	45880	4.807	ug/L	87
54) o-Xylene	12.166	106	40022	4.536	ug/L	68
55) Styrene	12.178	104	70590	4.680	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	20889	4.904	ug/L	94
59) Bromoform	12.349	173	10798	4.824	ug/L #	98
60) Isopropylbenzene	12.458	105	116530	4.723	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	15623	5.040	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	88269	4.535	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	86235	4.525	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	55004	5.122	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	55861	5.038	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	47253	5.001	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	3277	4.740	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.623	180	35375	4.996	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	25709	4.510	ug/L	97
71) Naphthalene	15.360	128	41621	4.226	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	23847	4.825	ug/L	97

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

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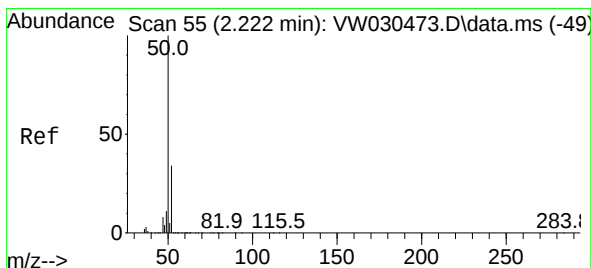
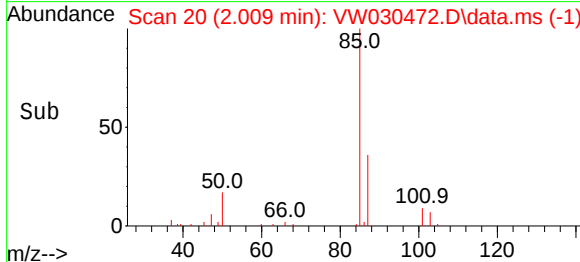
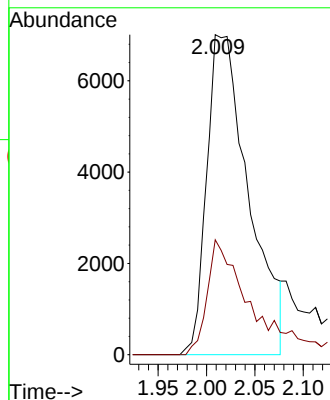
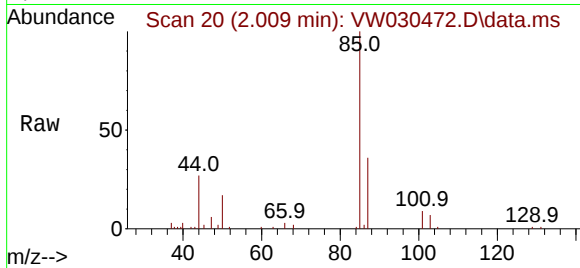




#2
 Dichlorodifluoromethane
 Concen: 4.792 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW030472.D
 Acq: 09 Oct 2024 14:12

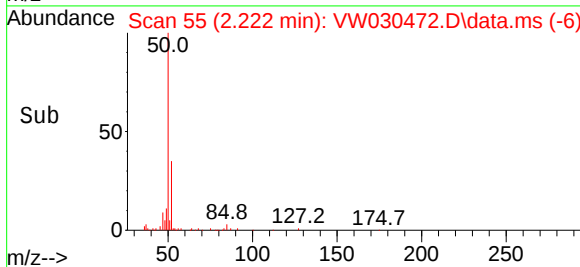
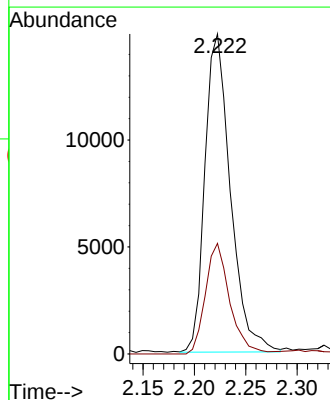
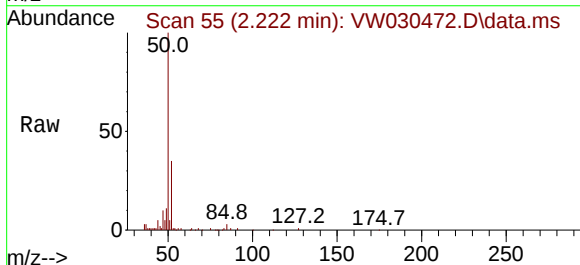
Instrument :
 MSVOA_W
 ClientSampleId :

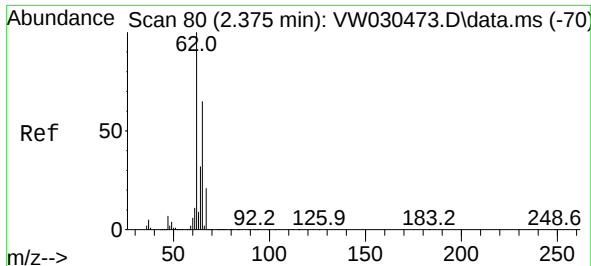
Tgt Ion: 85 Resp: 21214
 Ion Ratio Lower Upper
 85 100
 87 30.4 23.8 35.6



#3
 Chloromethane
 Concen: 5.003 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW030472.D
 Acq: 09 Oct 2024 14:12

Tgt Ion: 50 Resp: 25741
 Ion Ratio Lower Upper
 50 100
 52 34.6 23.7 43.9

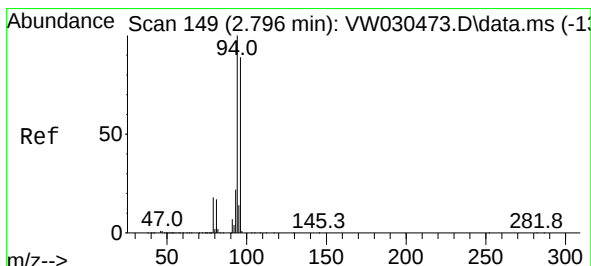
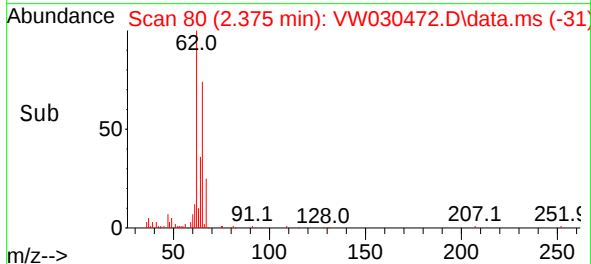
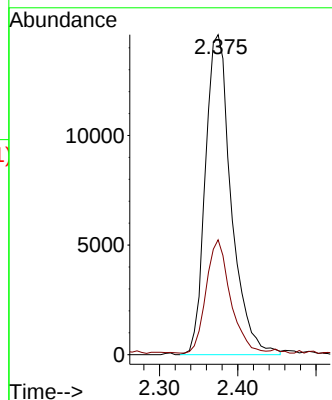
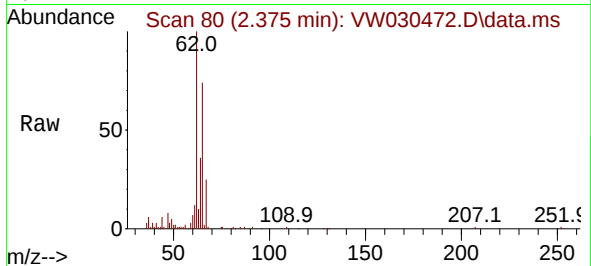




#5
 Vinyl chloride
 Concen: 5.291 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030472.D
 Acq: 09 Oct 2024 14:12

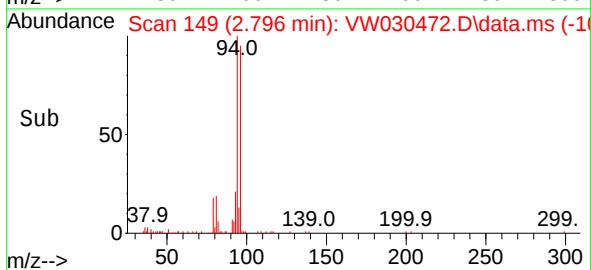
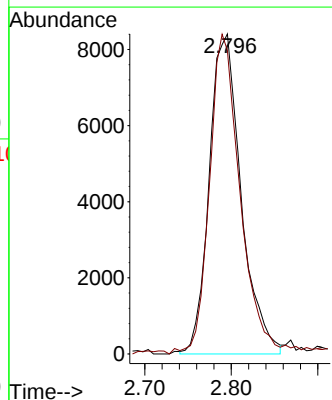
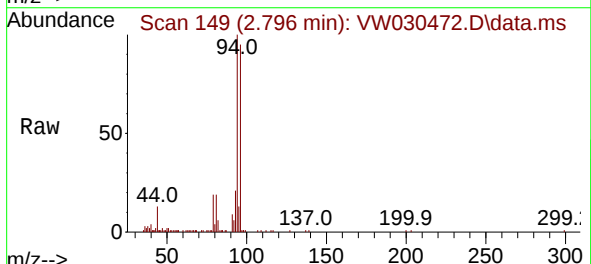
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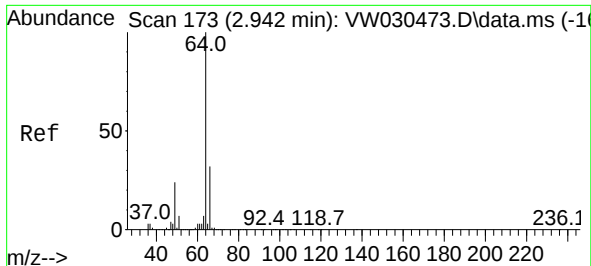
Tgt Ion: 62 Resp: 33478
 Ion Ratio Lower Upper
 62 100
 64 35.9 22.6 42.0



#6
 Bromomethane
 Concen: 5.159 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW030472.D
 Acq: 09 Oct 2024 14:12

Tgt Ion: 94 Resp: 21488
 Ion Ratio Lower Upper
 94 100
 96 94.9 62.6 116.2

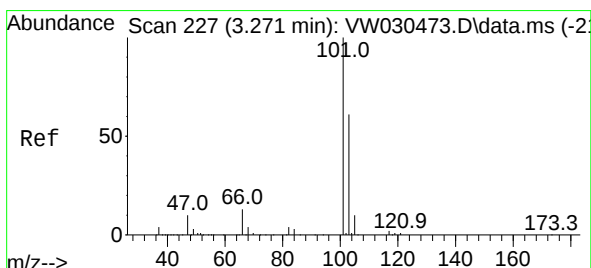
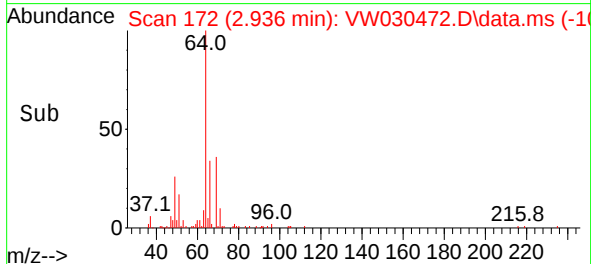
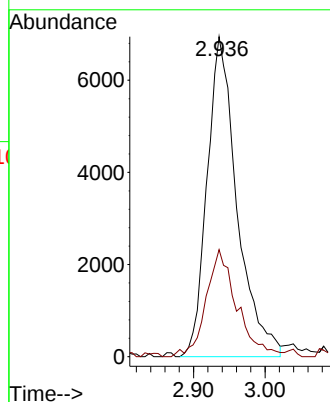
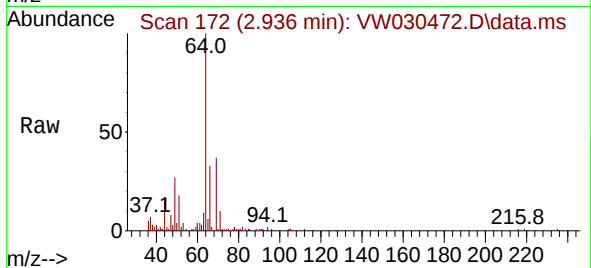




#8
Chloroethane
Concen: 5.233 ug/L
RT: 2.936 min Scan# 173
Delta R.T. -0.006 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

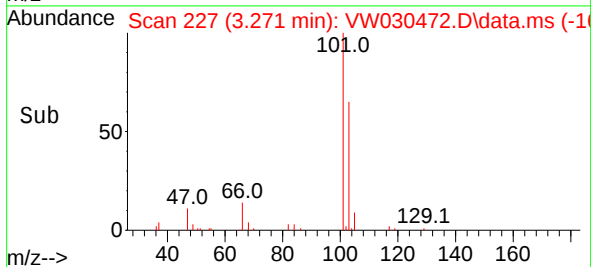
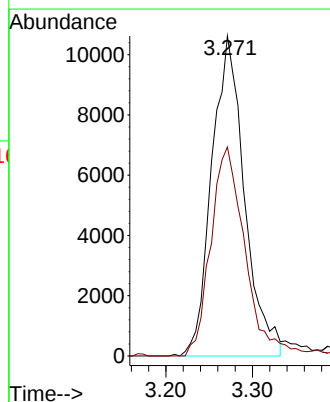
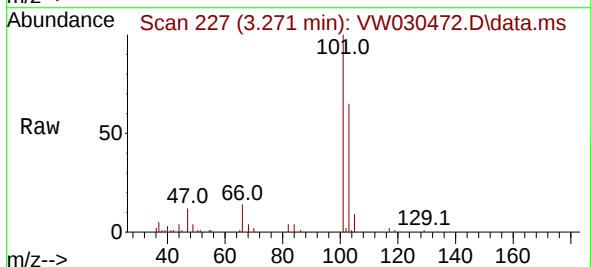
Instrument :
MSVOA_W
ClientSampleId :

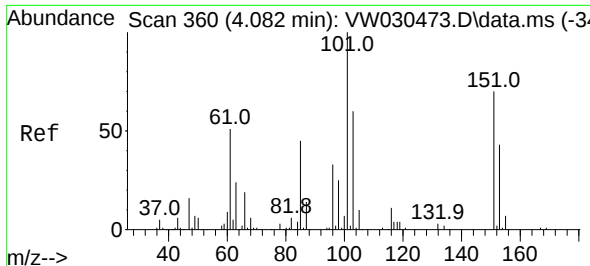
Tgt Ion: 64 Resp: 20244
Ion Ratio Lower Upper
64 100
66 33.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.917 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

Tgt Ion:101 Resp: 27840
Ion Ratio Lower Upper
101 100
103 68.3 51.1 76.7





#10

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

Concen: 1.841 ug/L

RT: 4.088 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :

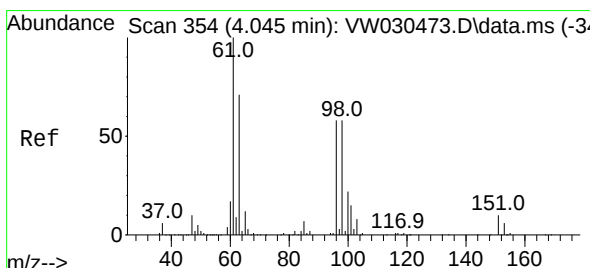
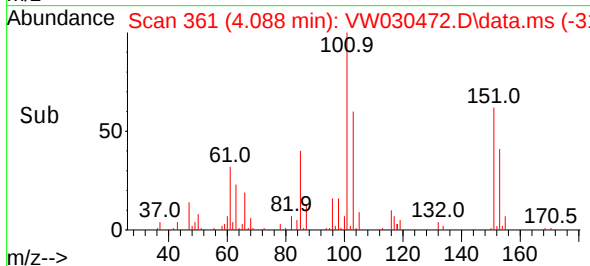
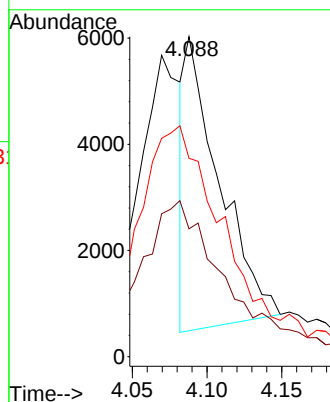
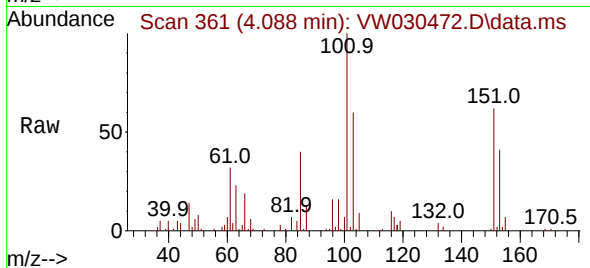
Tgt Ion:101 Resp: 8765

Ion Ratio Lower Upper

101 100

85 121.1 35.7 53.5#

151 198.7 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 5.094 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

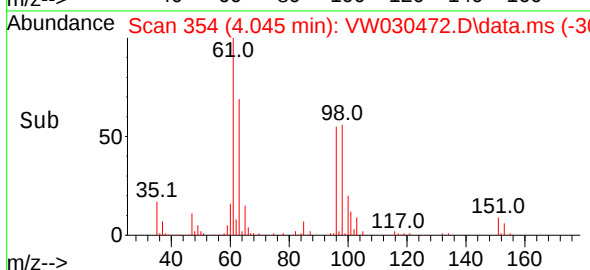
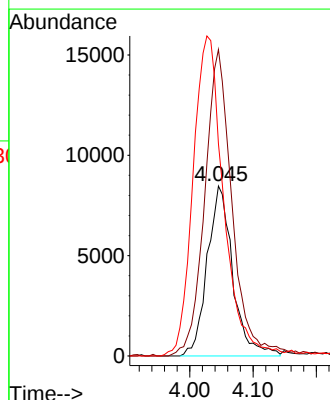
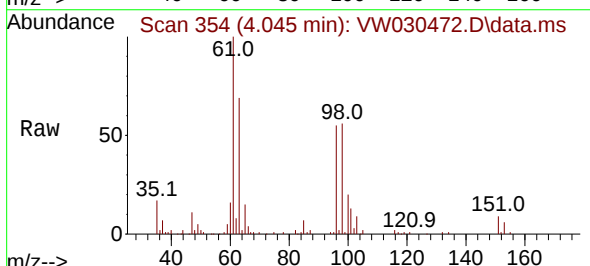
Tgt Ion: 96 Resp: 23684

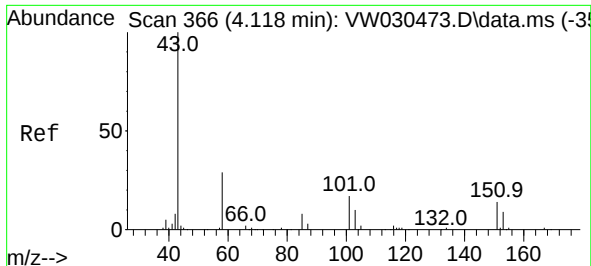
Ion Ratio Lower Upper

96 100

61 180.3 121.3 225.3

63 124.9 87.6 162.8

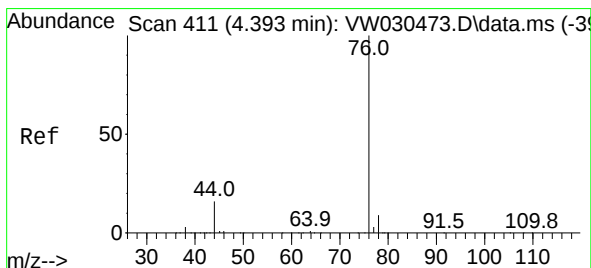
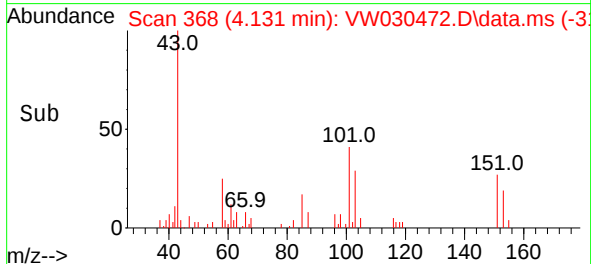
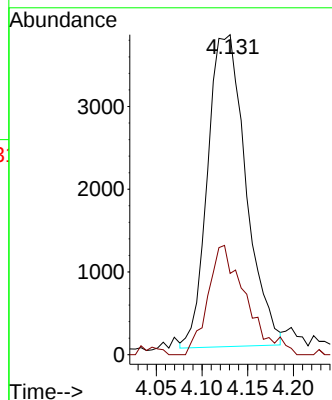
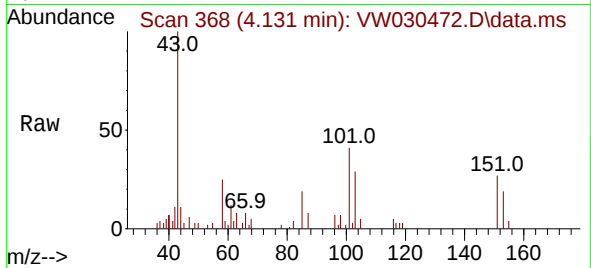




#13
Acetone
Concen: 7.782 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

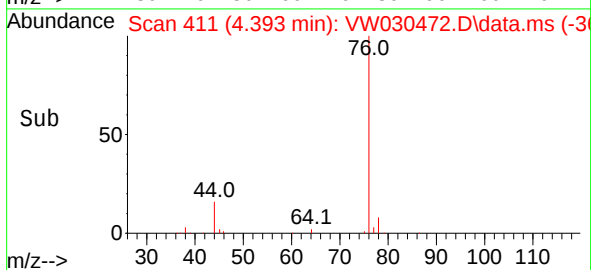
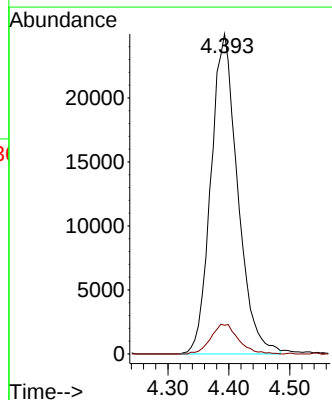
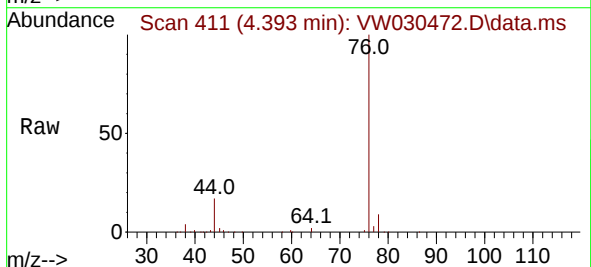
Instrument :
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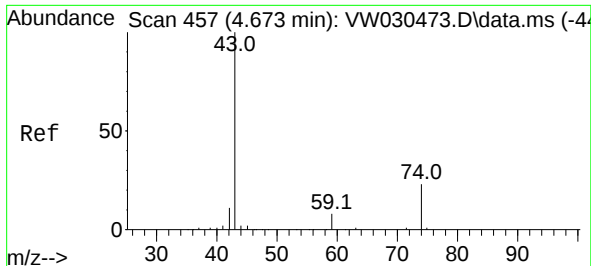
Tgt Ion: 43 Resp: 10976
Ion Ratio Lower Upper
43 100
58 33.5 0.0 57.6



#14
Carbon disulfide
Concen: 5.038 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

Tgt Ion: 76 Resp: 76483
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7





#15

Methyl Acetate

Concen: 4.871 ug/L

RT: 4.673 min Scan# 4

Delta R.T. -0.000 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

Instrument :

MSVOA_W

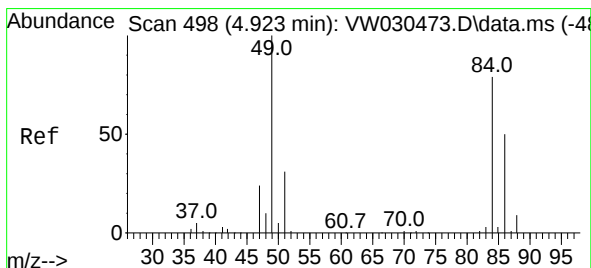
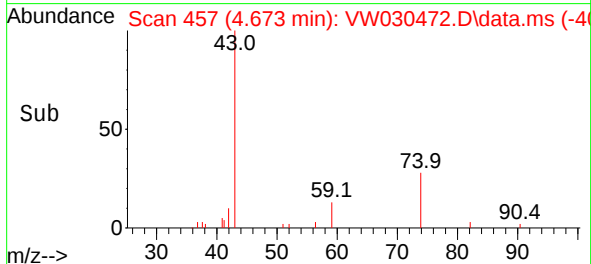
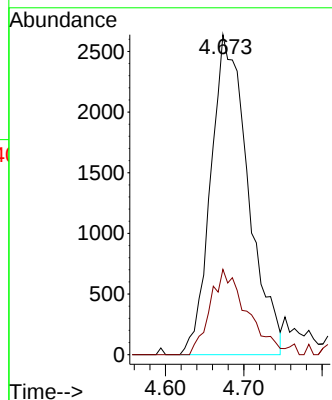
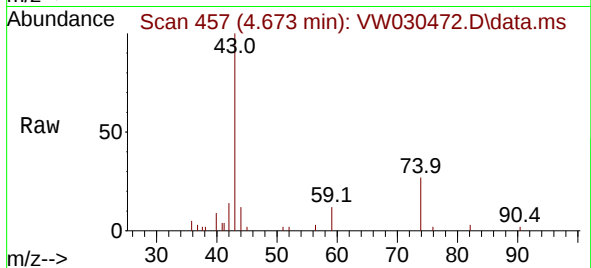
ClientSampleId :

Tgt Ion: 43 Resp: 8754

Ion Ratio Lower Upper

43 100

74 24.8 19.3 28.9



#16

Methylene chloride

Concen: 5.455 ug/L

RT: 4.923 min Scan# 498

Delta R.T. -0.000 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

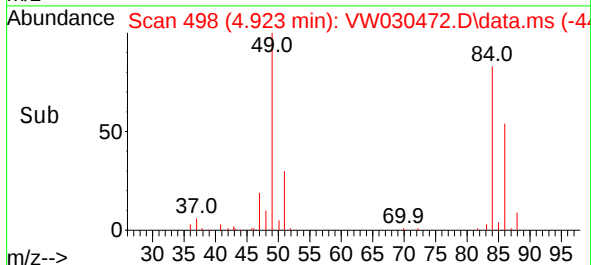
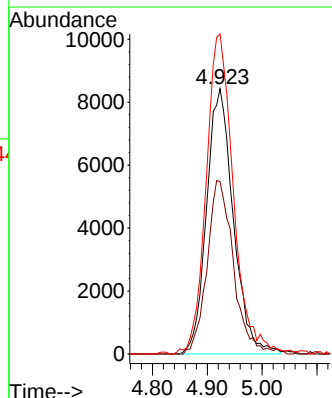
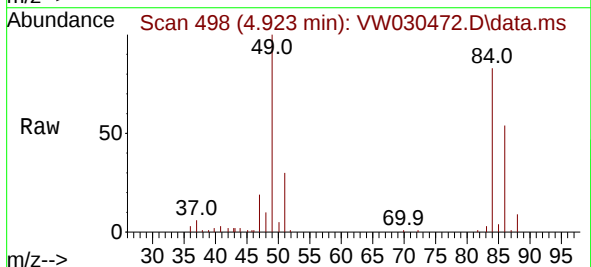
Tgt Ion: 84 Resp: 28574

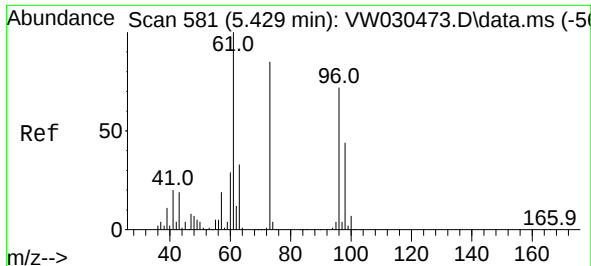
Ion Ratio Lower Upper

84 100

86 64.9 43.8 81.3

49 120.6 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 4.901 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :

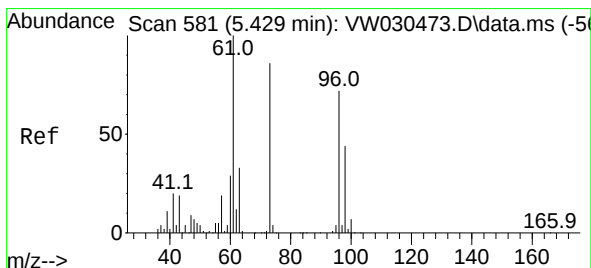
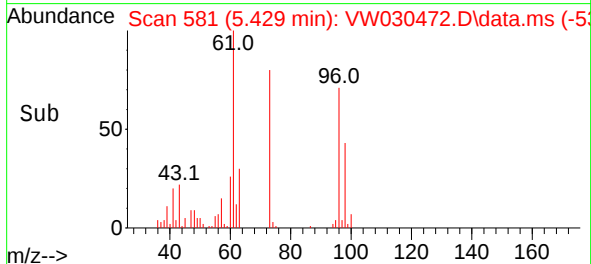
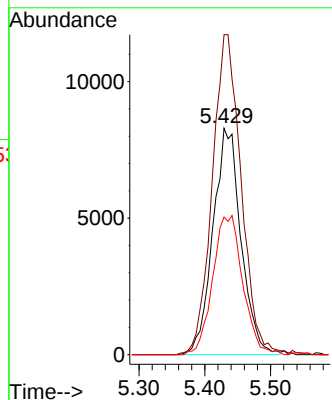
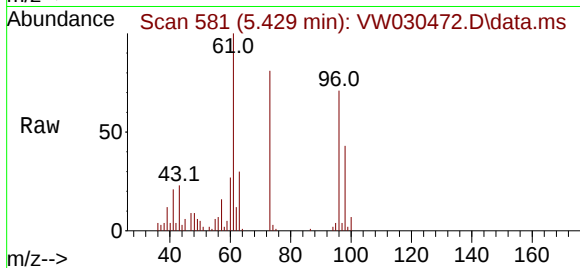
Tgt Ion: 96 Resp: 24584

Ion Ratio Lower Upper

96 100

61 141.3 96.9 179.9

98 60.8 42.2 78.4



#18

Methyl tert-butyl Ether

Concen: 4.827 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

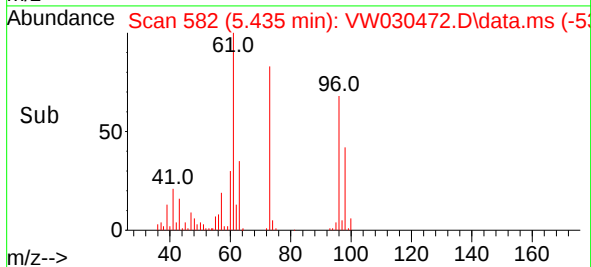
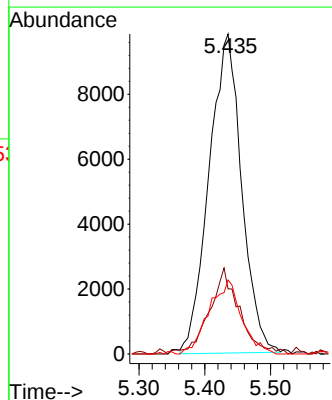
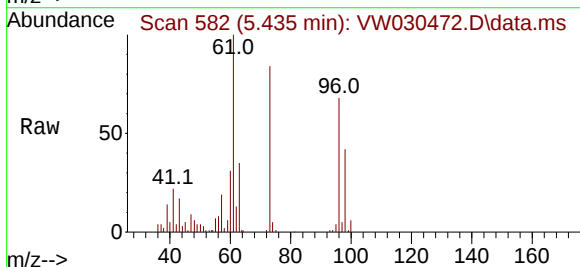
Tgt Ion: 73 Resp: 33887

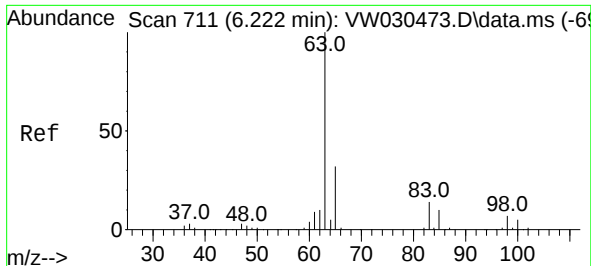
Ion Ratio Lower Upper

73 100

43 22.1 18.1 27.1

57 23.1 17.7 26.5





#19

1,1-Dichloroethane

Concen: 5.132 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min MSVOA_W

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :

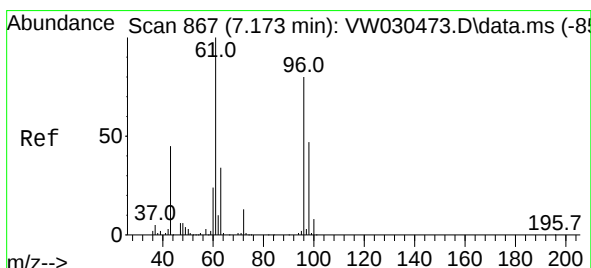
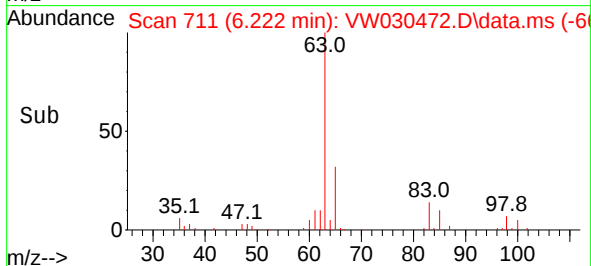
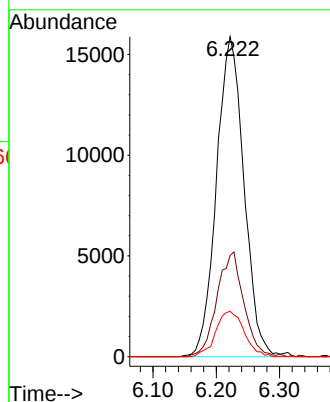
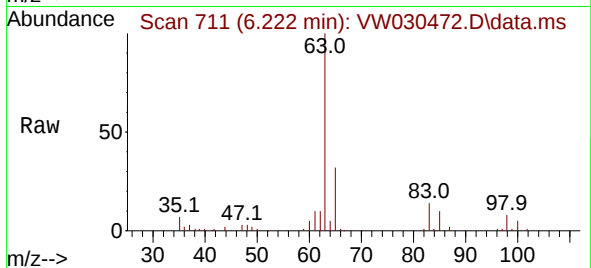
Tgt Ion: 63 Resp: 47851

Ion Ratio Lower Upper

63 100

65 31.6 22.5 41.9

83 14.2 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 4.935 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

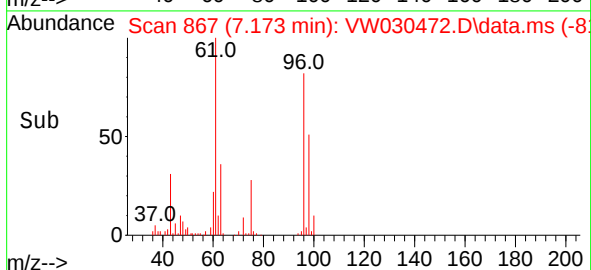
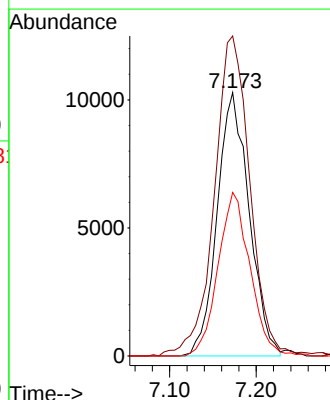
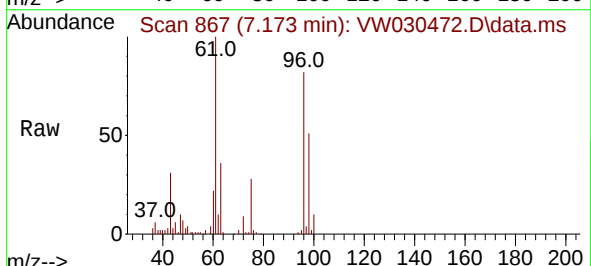
Tgt Ion: 96 Resp: 26407

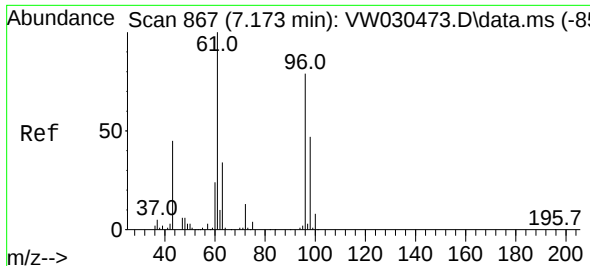
Ion Ratio Lower Upper

96 100

61 121.5 88.3 163.9

98 62.1 41.3 76.7





#22

2-Butanone

Concen: 6.781 ug/L

RT: 7.179 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

Instrument :

MSVOA_W

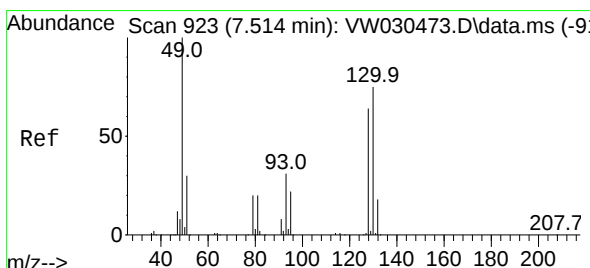
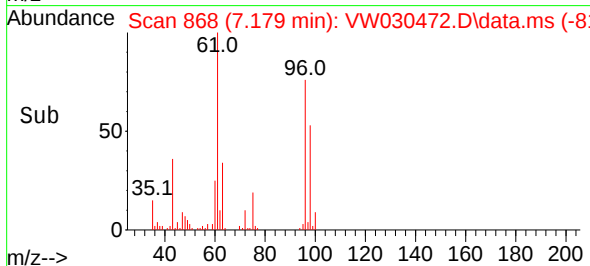
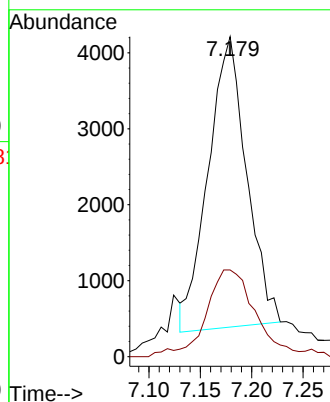
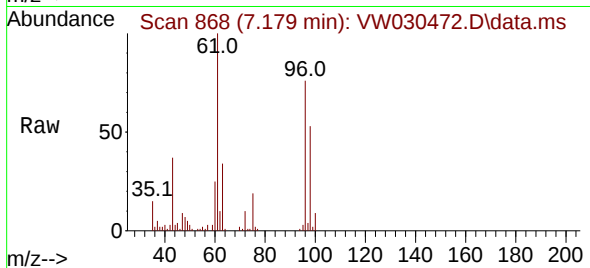
ClientSampleId :

Tgt Ion: 43 Resp: 9931

Ion Ratio Lower Upper

43 100

72 37.0 14.4 43.0



#23

Bromochloromethane

Concen: 5.267 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

Tgt Ion: 128 Resp: 12330

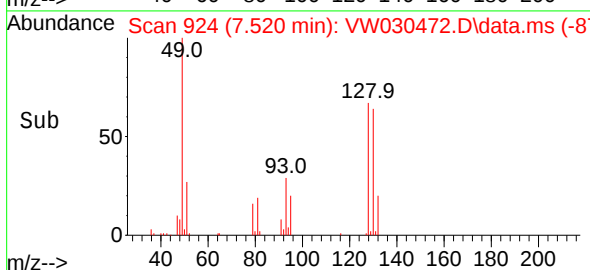
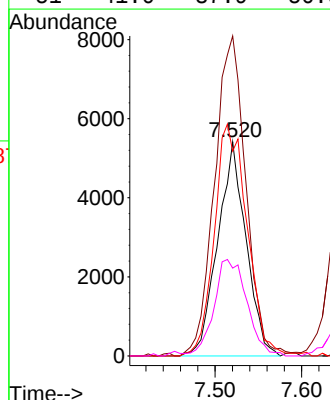
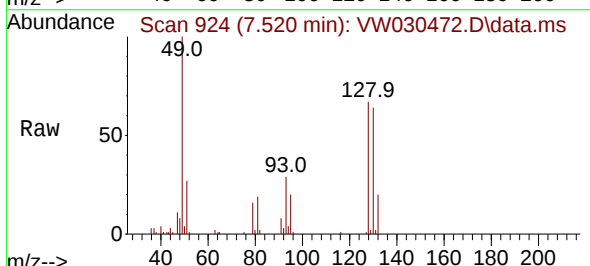
Ion Ratio Lower Upper

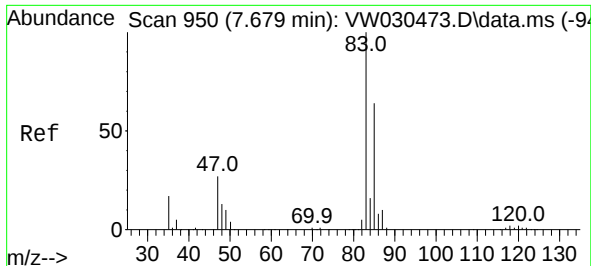
128 100

49 149.5 110.1 204.5

130 95.7 82.9 153.9

51 41.0 37.9 56.9





#25

Chloroform

Concen: 5.212 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

Instrument :

MSVOA_W

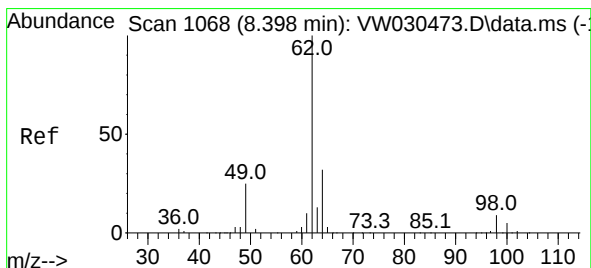
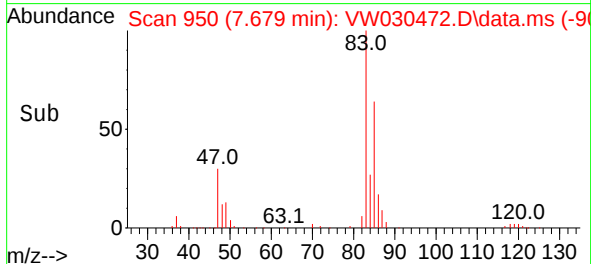
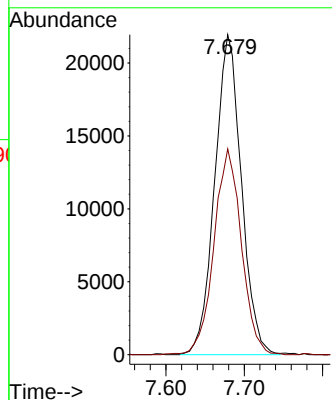
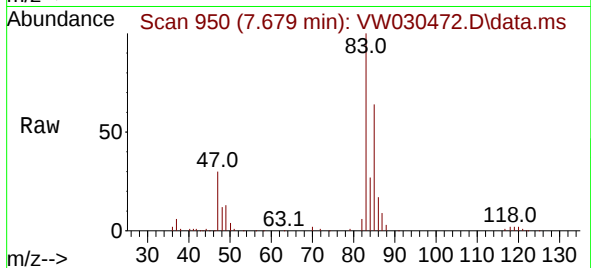
ClientSampleId :

Tgt Ion: 83 Resp: 51926

Ion Ratio Lower Upper

83 100

85 64.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 5.197 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030472.D

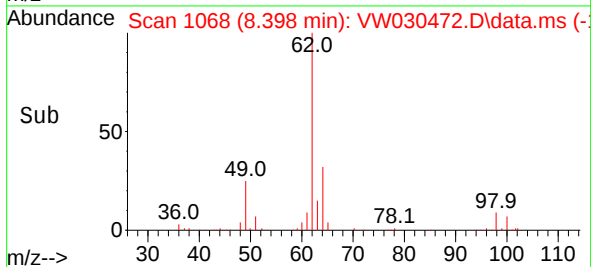
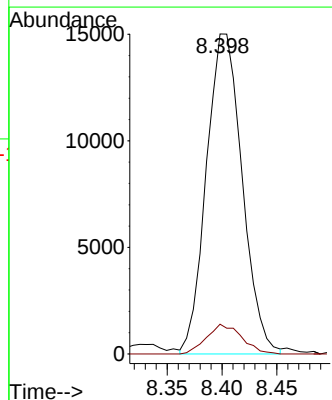
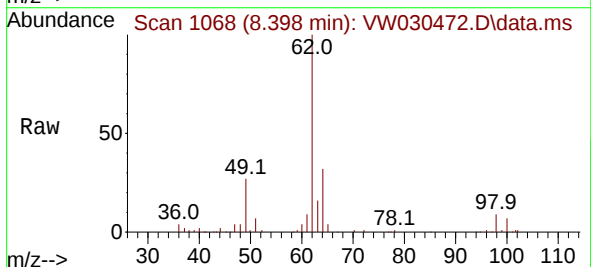
Acq: 09 Oct 2024 14:12

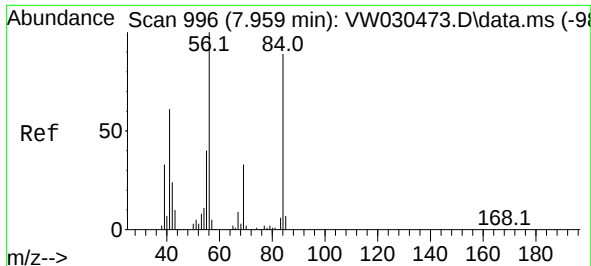
Tgt Ion: 62 Resp: 34164

Ion Ratio Lower Upper

62 100

98 9.3 7.0 10.6





#29

Cyclohexane

Concen: 4.493 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :

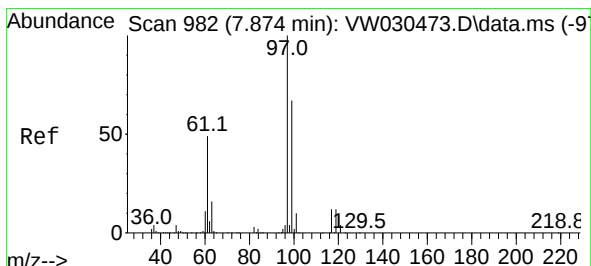
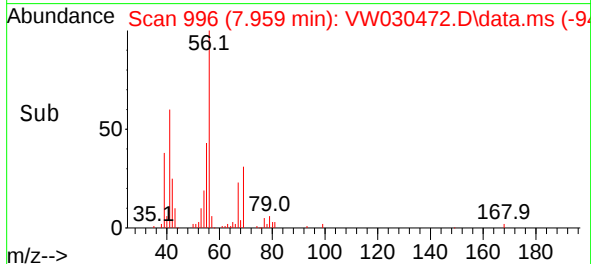
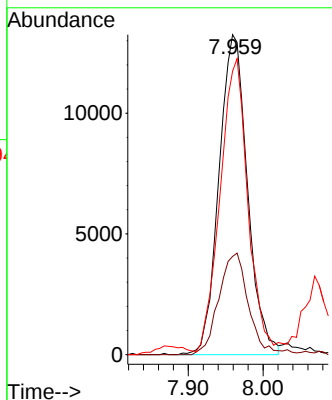
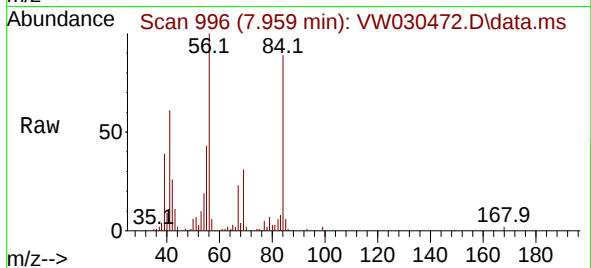
Tgt Ion: 56 Resp: 35171

Ion Ratio Lower Upper

56 100

69 32.7 25.4 38.0

84 90.3 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 5.054 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

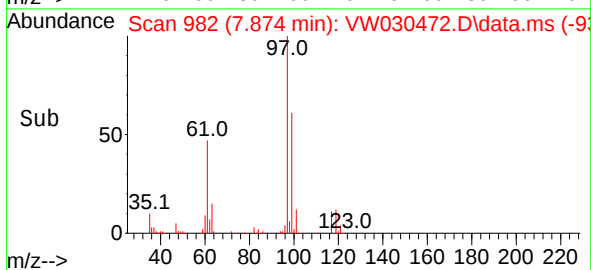
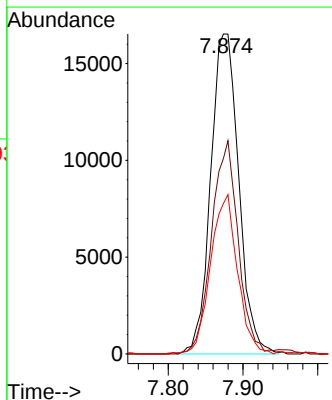
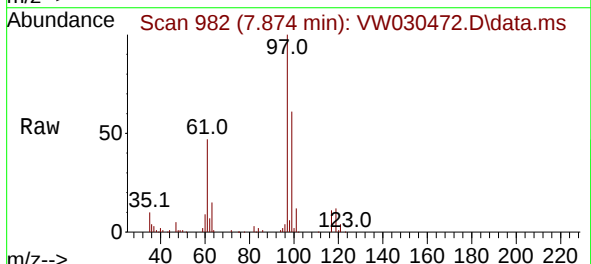
Tgt Ion: 97 Resp: 43143

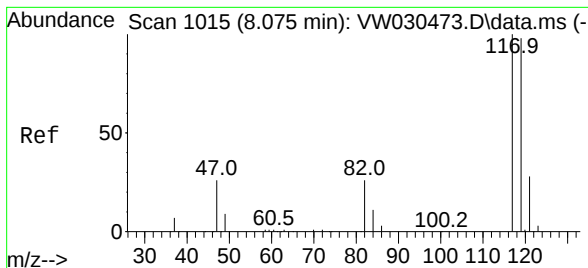
Ion Ratio Lower Upper

97 100

99 62.9 52.3 78.5

61 48.0 38.5 57.7





#31

Carbon tetrachloride

Concen: 5.050 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. -0.000 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

Instrument :

MSVOA_W

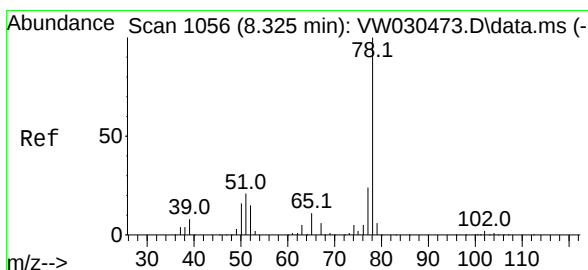
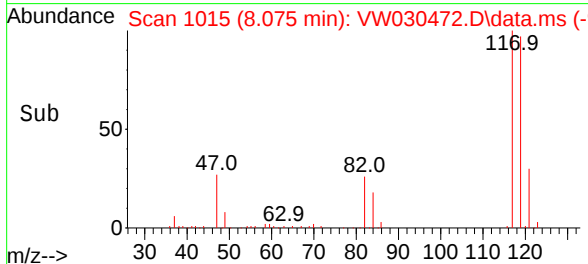
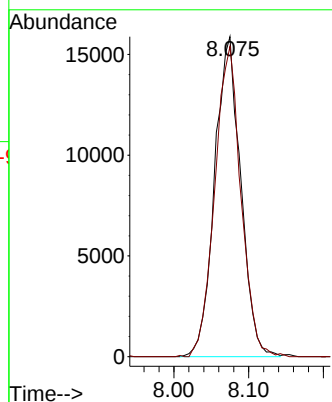
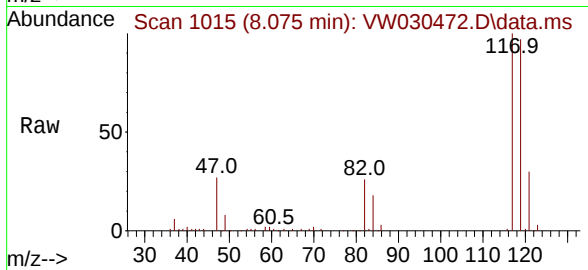
ClientSampleId :

Tgt Ion:117 Resp: 38506

Ion Ratio Lower Upper

117 100

119 97.1 77.8 116.8



#33

Benzene

Concen: 5.078 ug/L

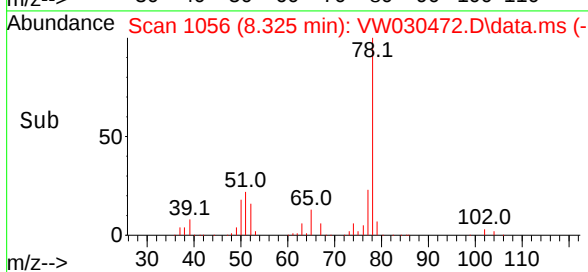
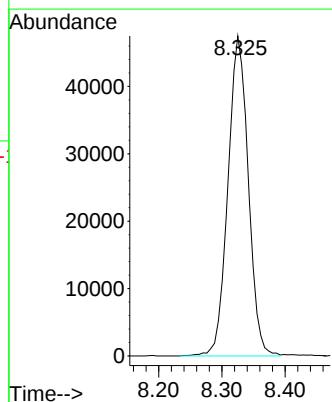
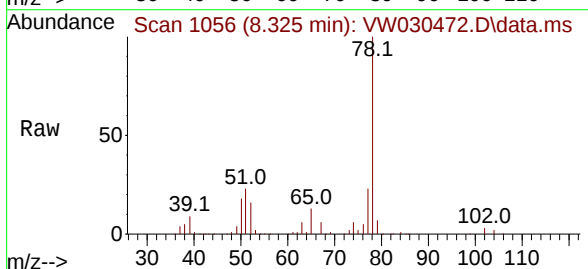
RT: 8.325 min Scan# 1056

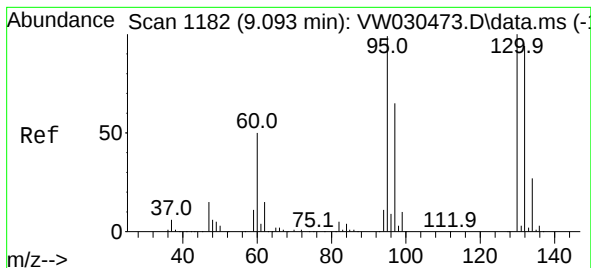
Delta R.T. -0.000 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

Tgt Ion: 78 Resp: 106268





#34

Trichloroethene

Concen: 5.057 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

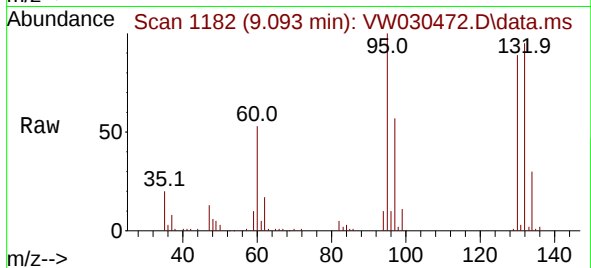
Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 29443

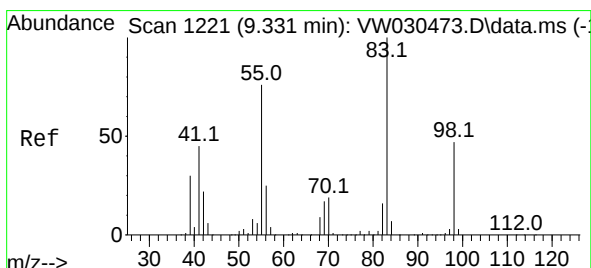
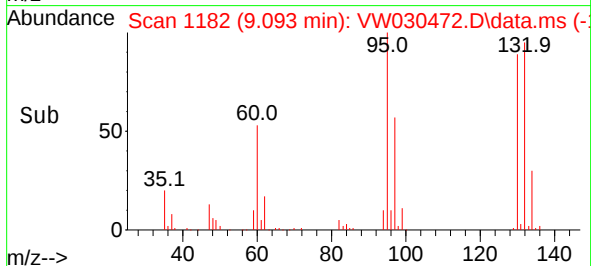
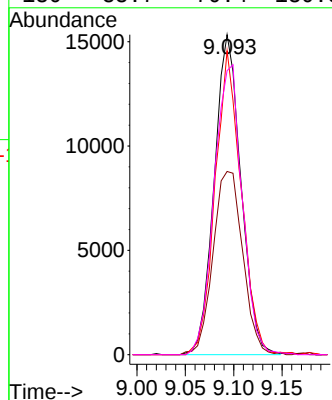
Ion Ratio Lower Upper

95 100

97 57.2 45.9 85.3

132 95.0 66.4 123.2

130 88.7 70.4 130.8



#35

Methylcyclohexane

Concen: 4.825 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

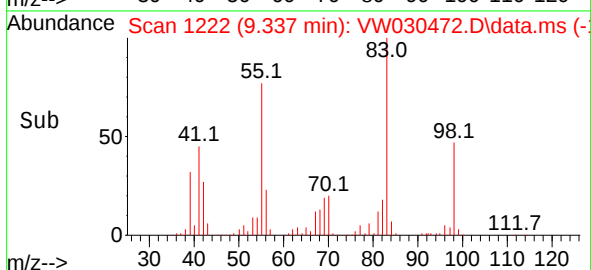
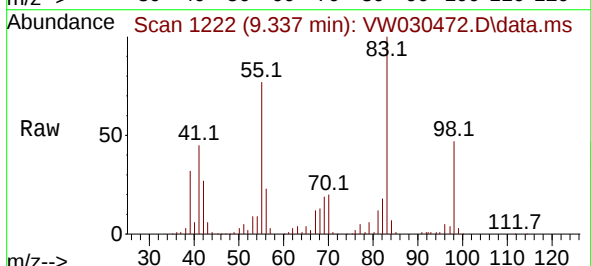
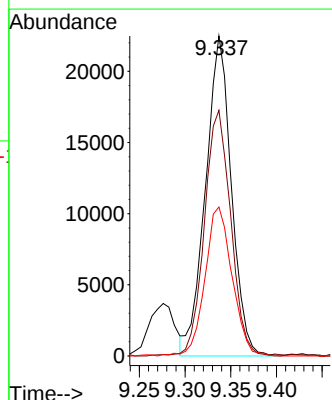
Tgt Ion: 83 Resp: 44206

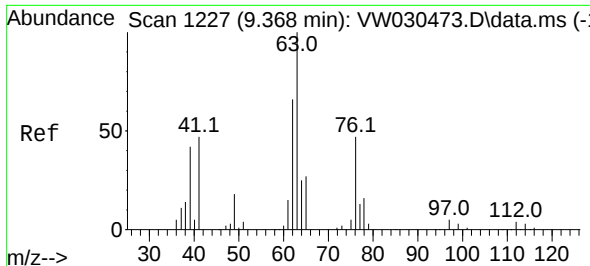
Ion Ratio Lower Upper

83 100

55 77.6 61.8 92.8

98 48.8 39.3 58.9





#37

1,2-Dichloropropane

Concen: 5.150 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

Instrument :

MSVOA_W

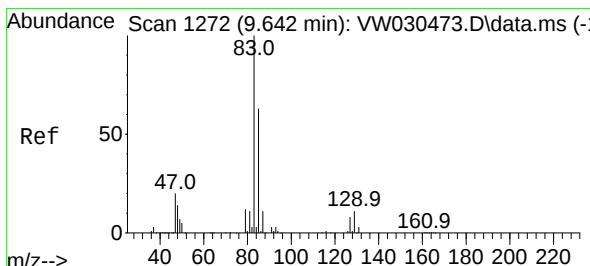
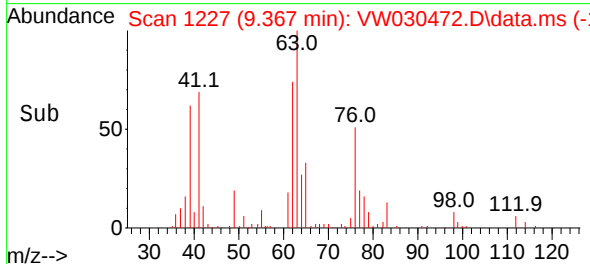
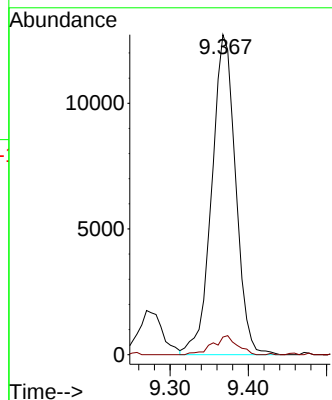
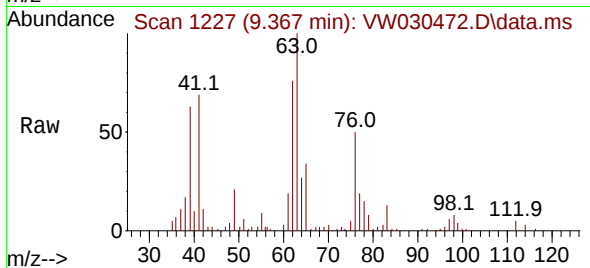
ClientSampleId :

Tgt Ion: 63 Resp: 26957

Ion Ratio Lower Upper

63 100

112 3.9 3.7 5.5



#38

Bromodichloromethane

Concen: 4.933 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

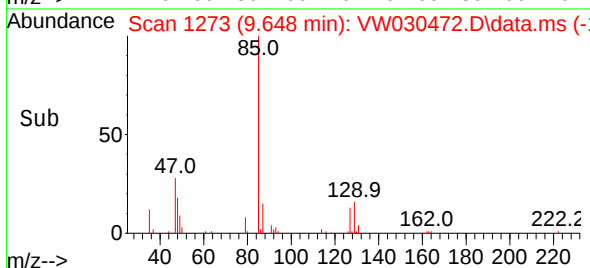
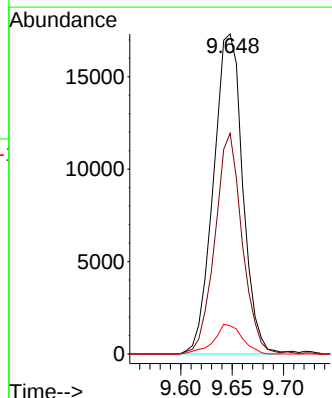
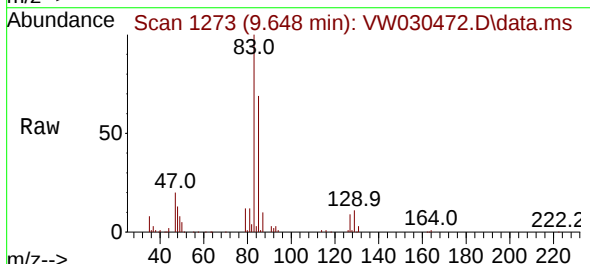
Tgt Ion: 83 Resp: 34302

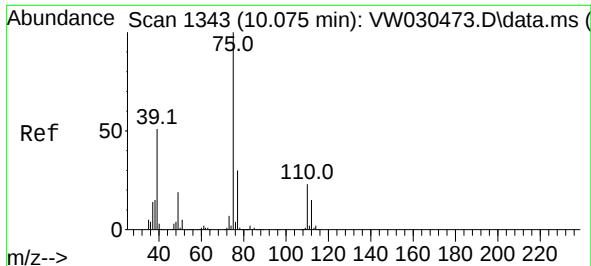
Ion Ratio Lower Upper

83 100

85 68.9 44.2 82.0

127 8.9 6.2 9.4

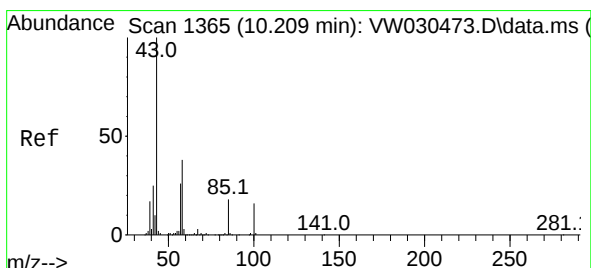
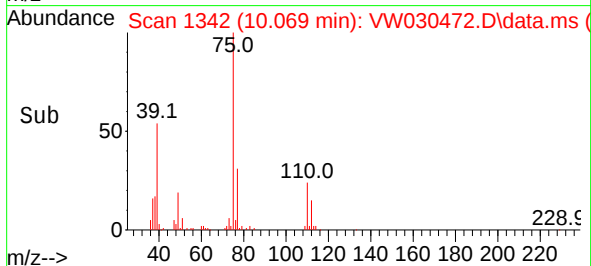
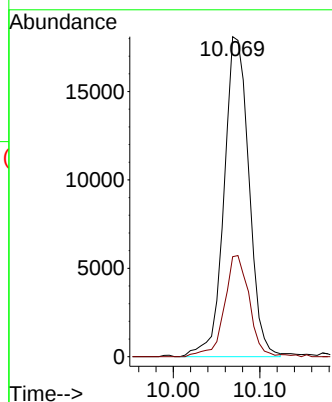
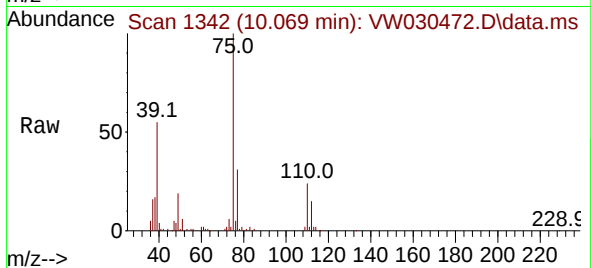




#39
cis-1,3-Dichloropropene
Concen: 4.588 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

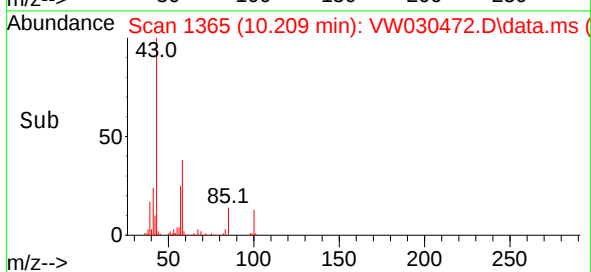
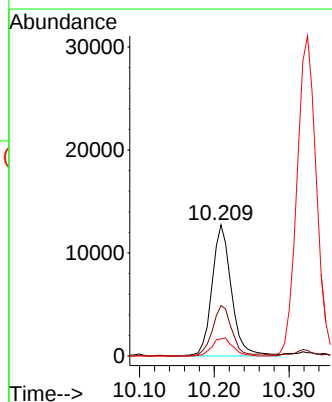
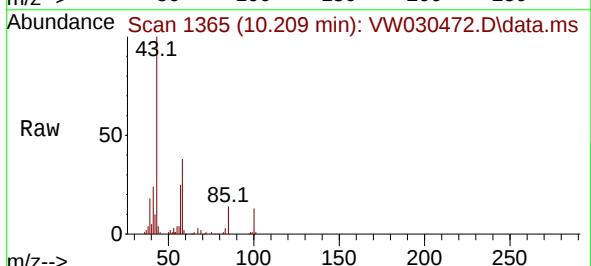
Instrument :
MSVOA_W
ClientSampleId :

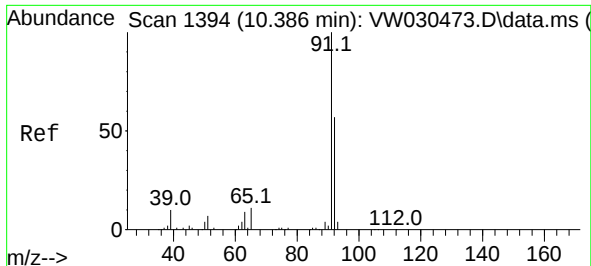
Tgt Ion: 75 Resp: 36171
Ion Ratio Lower Upper
75 100
77 31.3 21.1 39.1



#40
4-Methyl-2-pentanone
Concen: 9.143 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

Tgt Ion: 43 Resp: 22957
Ion Ratio Lower Upper
43 100
58 38.1 31.4 47.2
100 14.5 13.1 19.7





#42

Toluene

Concen: 4.933 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

Instrument :

MSVOA_W

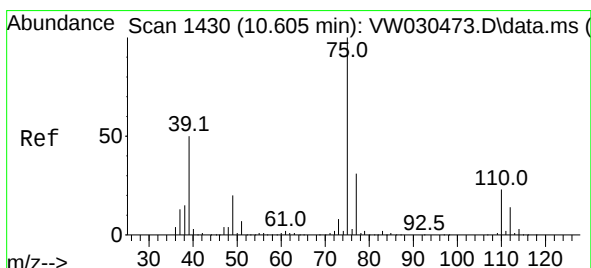
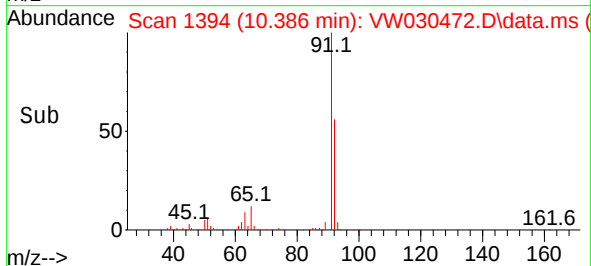
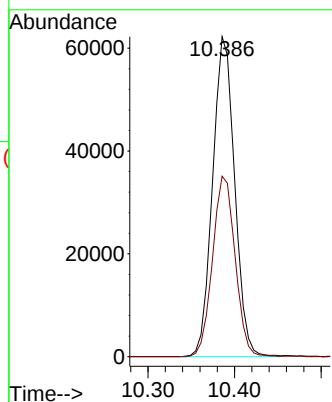
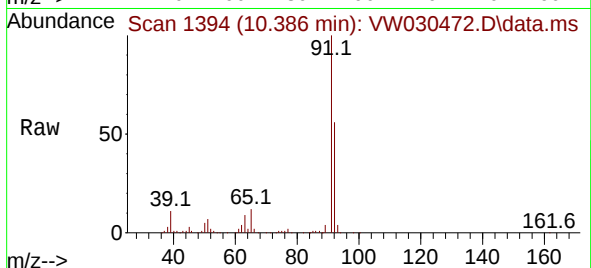
ClientSampleId :

Tgt Ion: 91 Resp: 110130

Ion Ratio Lower Upper

91 100

92 56.4 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.581 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030472.D

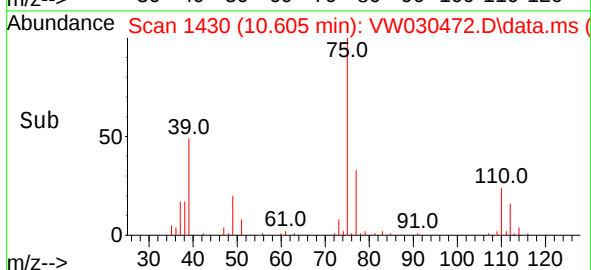
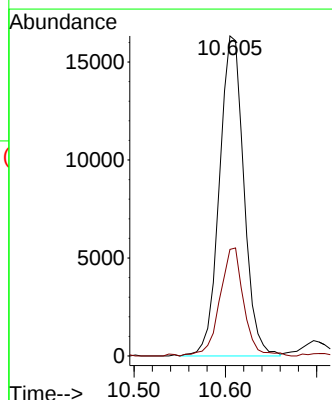
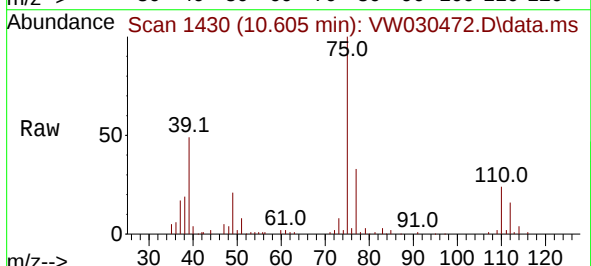
Acq: 09 Oct 2024 14:12

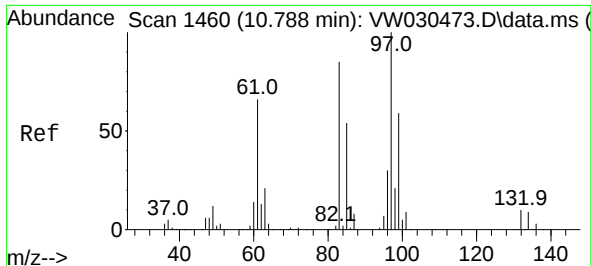
Tgt Ion: 75 Resp: 30346

Ion Ratio Lower Upper

75 100

77 33.3 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 5.100 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 19264

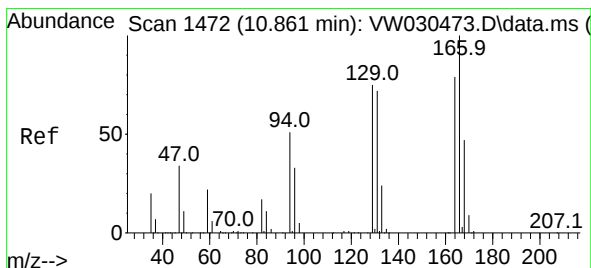
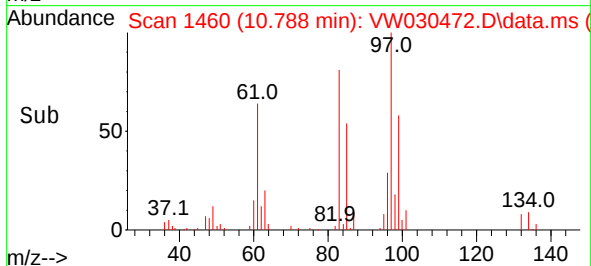
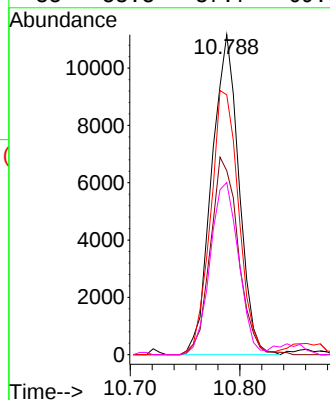
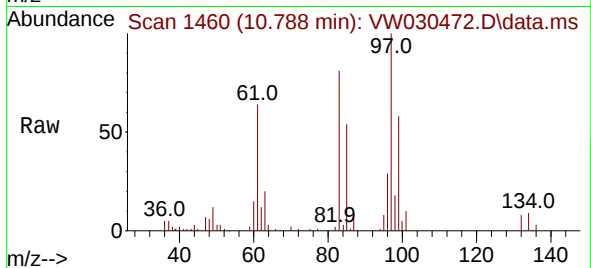
Ion Ratio Lower Upper

97 100

99 57.5 41.2 76.6

83 81.2 59.6 110.6

85 53.8 37.7 69.9



#46

Tetrachloroethene

Concen: 5.021 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

Tgt Ion: 164 Resp: 21560

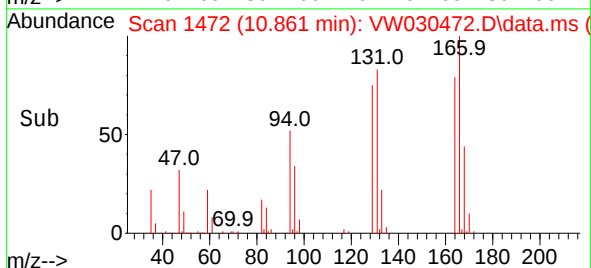
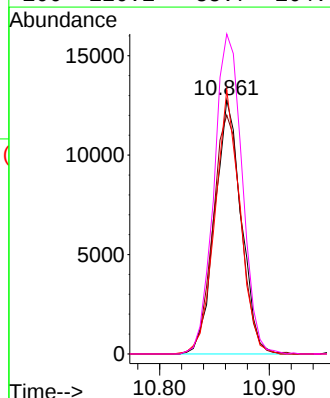
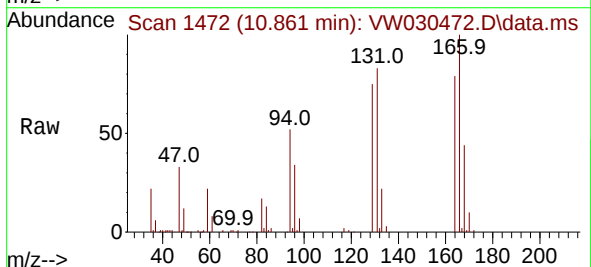
Ion Ratio Lower Upper

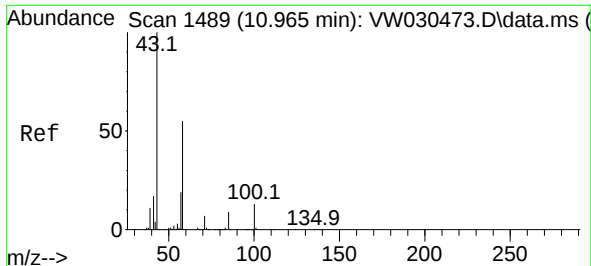
164 100

129 94.1 66.6 123.6

131 104.1 63.7 118.3

166 126.1 88.7 164.7





#48

2-Hexanone

Concen: 7.756 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

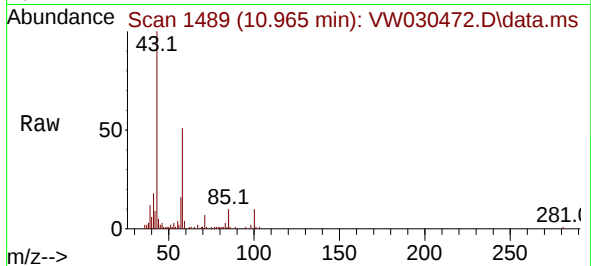
Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 15926

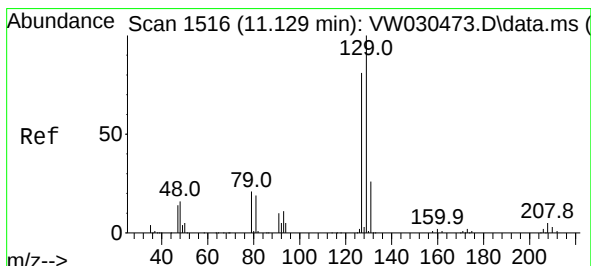
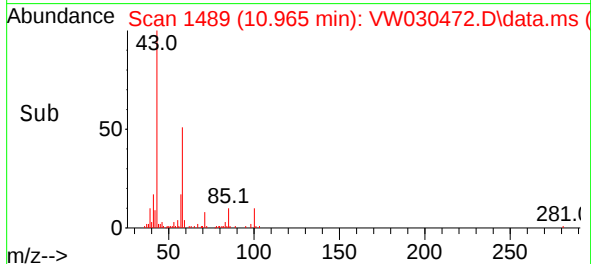
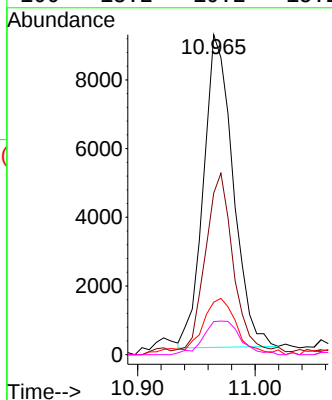
Ion Ratio Lower Upper

43 100

58 55.9 44.6 67.0

57 19.7 15.8 23.8

100 13.2 10.2 15.2



#49

Dibromochloromethane

Concen: 4.764 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW030472.D

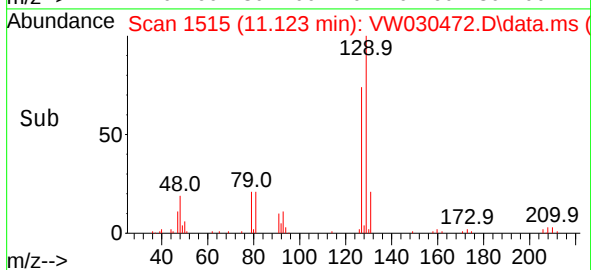
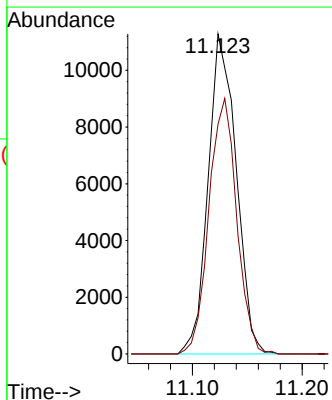
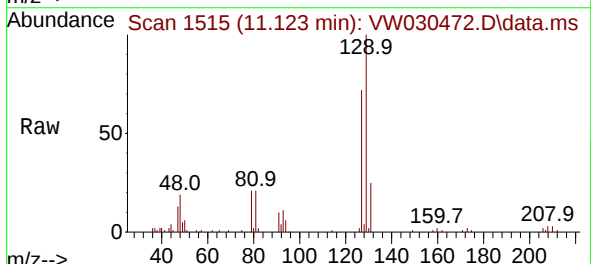
Acq: 09 Oct 2024 14:12

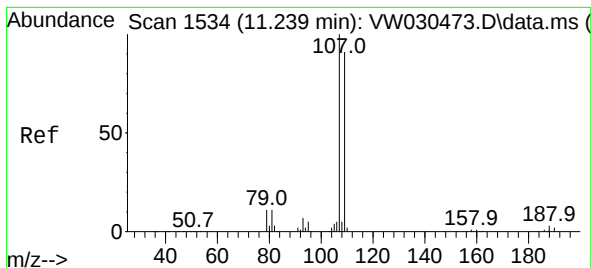
Tgt Ion:129 Resp: 20080

Ion Ratio Lower Upper

129 100

127 71.8 56.5 104.9





#50

1,2-Dibromoethane

Concen: 5.062 ug/L

RT: 11.233 min Scan# 1534

Delta R.T. -0.006 min

Lab File: VW030472.D

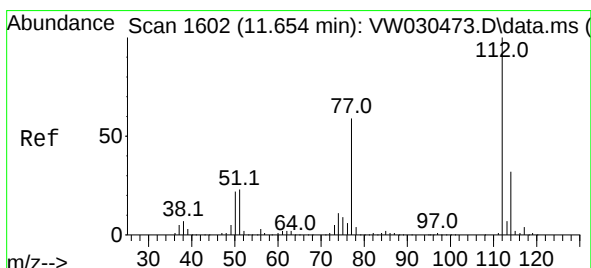
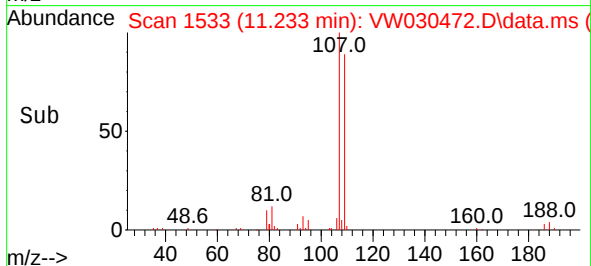
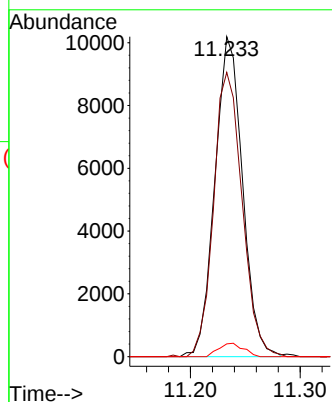
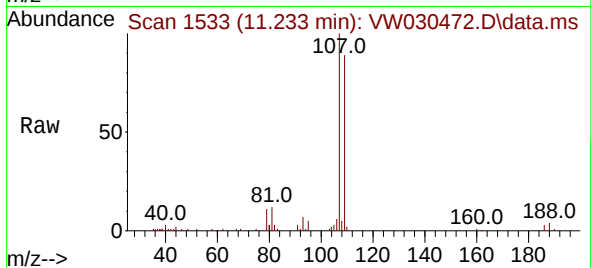
Acq: 09 Oct 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	17841
Ion Ratio	Lower	Upper	
107	100		
109	88.9	63.8	118.6
188	4.0	2.6	3.8#



#51

Chlorobenzene

Concen: 5.004 ug/L

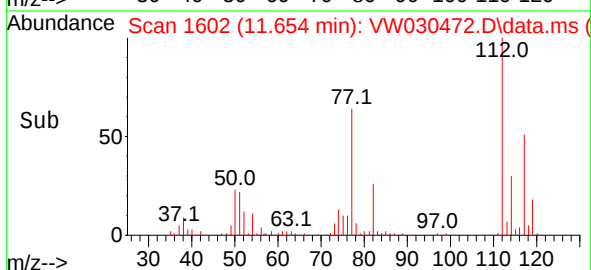
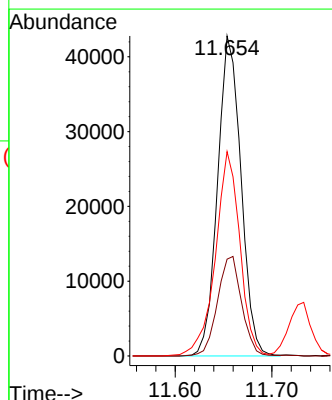
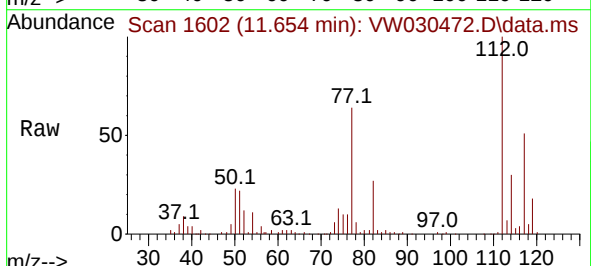
RT: 11.654 min Scan# 1602

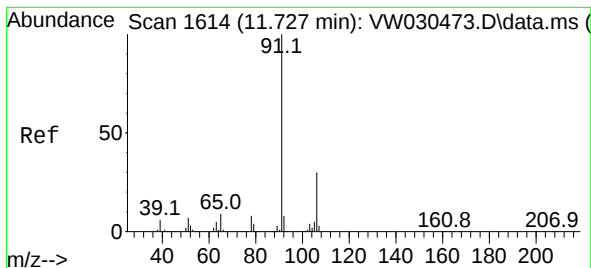
Delta R.T. -0.000 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

Tgt Ion:	112	Resp:	71912
Ion Ratio	Lower	Upper	
112	100		
114	30.3	22.4	41.6
77	63.8	47.1	70.7

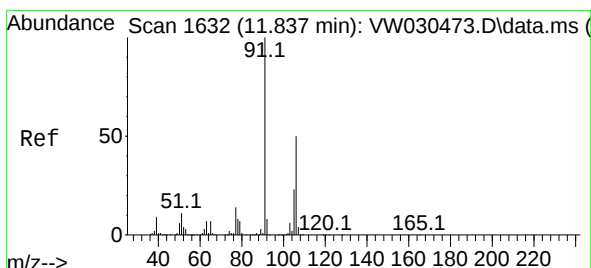
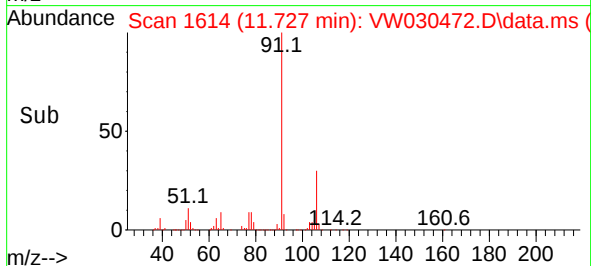
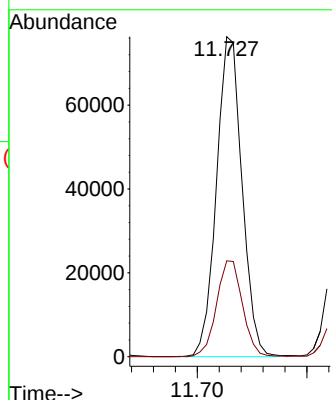
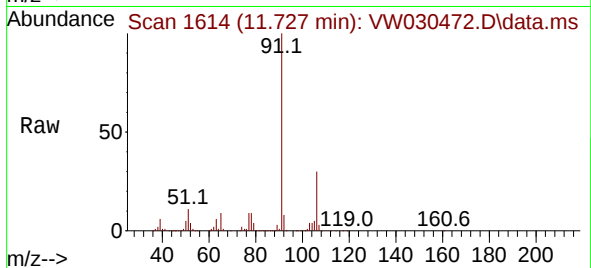




#52
Ethylbenzene
Concen: 4.851 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

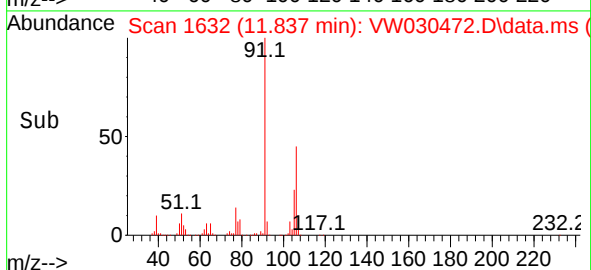
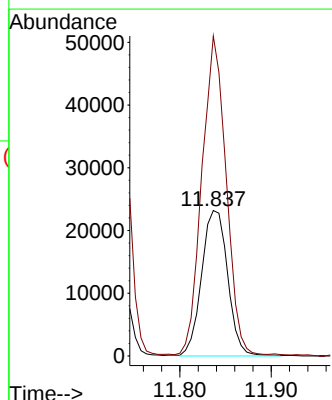
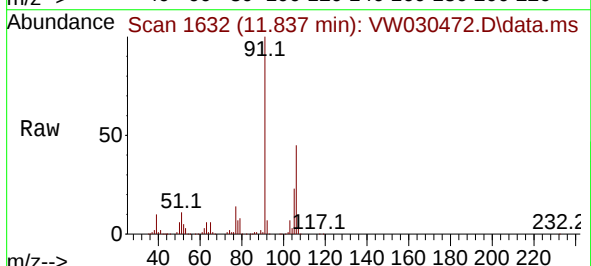
Instrument :
MSVOA_W
ClientSampleId :

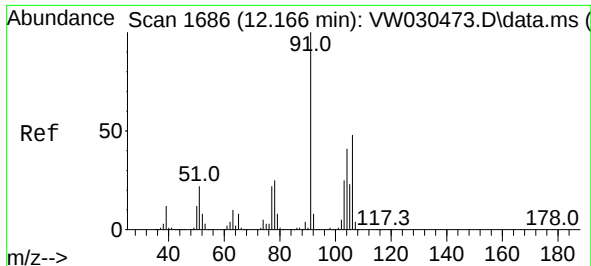
Tgt Ion: 91 Resp: 123580
Ion Ratio Lower Upper
91 100
106 30.0 21.1 39.1



#53
m,p-Xylene
Concen: 4.807 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

Tgt Ion:106 Resp: 45880
Ion Ratio Lower Upper
106 100
91 220.0 140.6 261.2

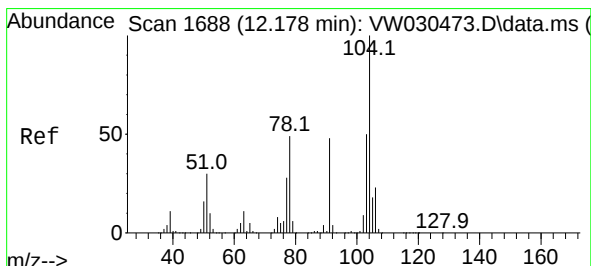
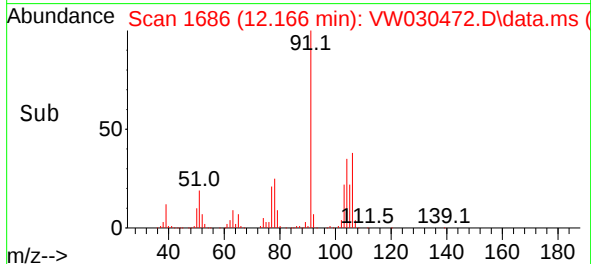
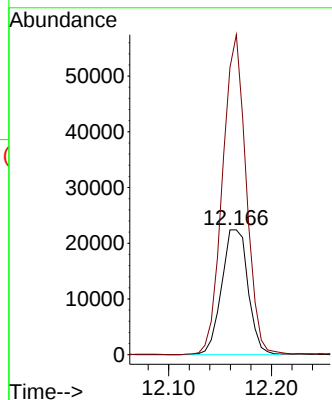
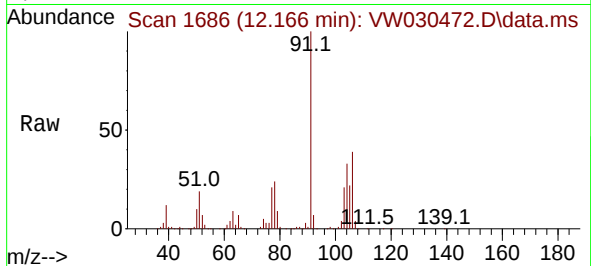




#54
o-Xylene
Concen: 4.536 ug/L
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

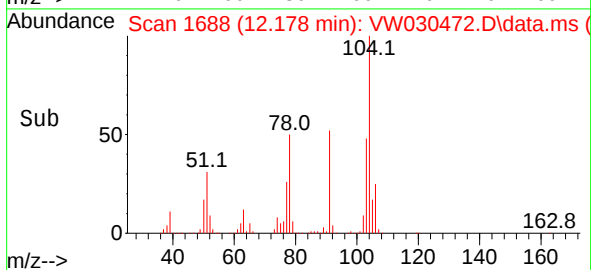
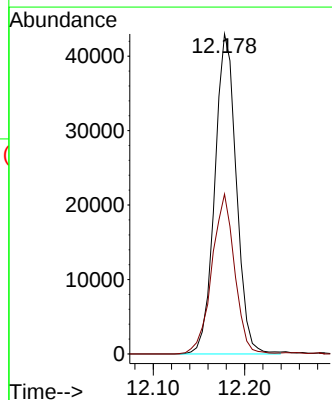
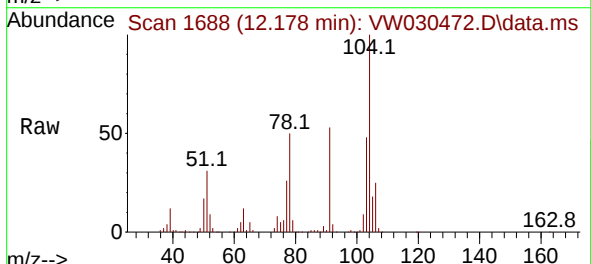
Instrument :
MSVOA_W
ClientSampleId :

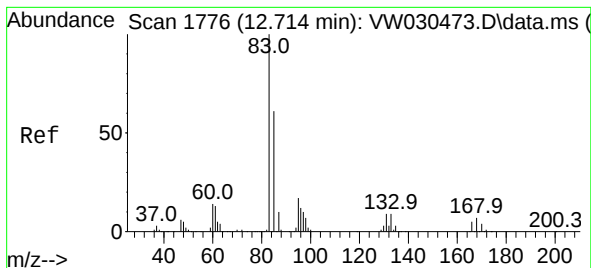
Tgt Ion:106 Resp: 40022
Ion Ratio Lower Upper
106 100
91 256.3 144.5 268.4



#55
Styrene
Concen: 4.680 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

Tgt Ion:104 Resp: 70590
Ion Ratio Lower Upper
104 100
78 50.0 34.3 63.7

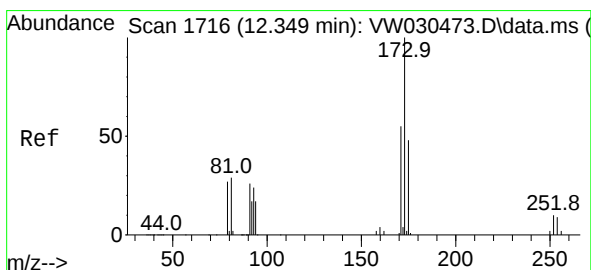
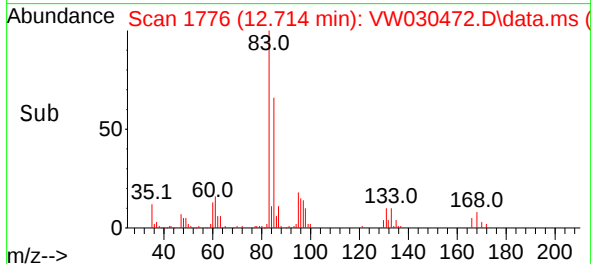
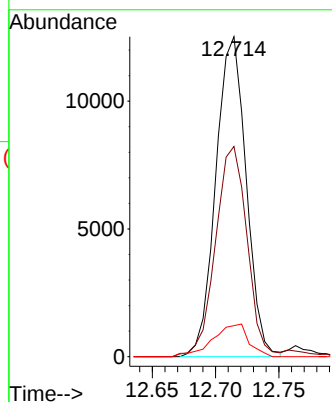
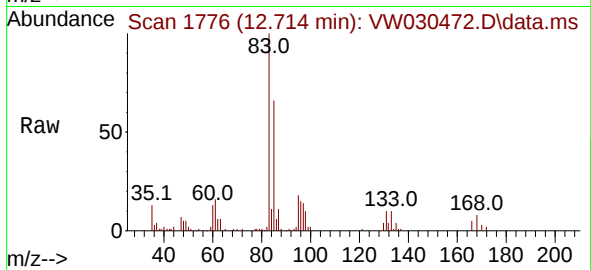




#57
1,1,2,2-Tetrachloroethane
Concen: 4.904 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

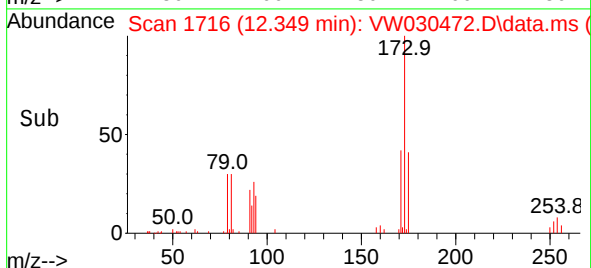
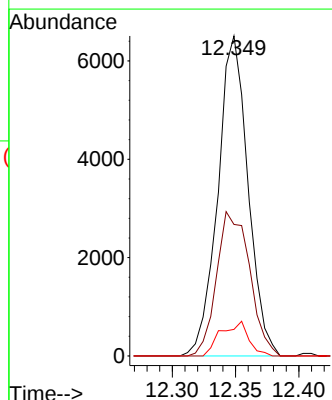
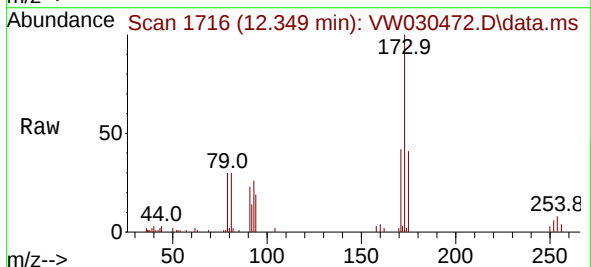
Instrument :
MSVOA_W
ClientSampleId :

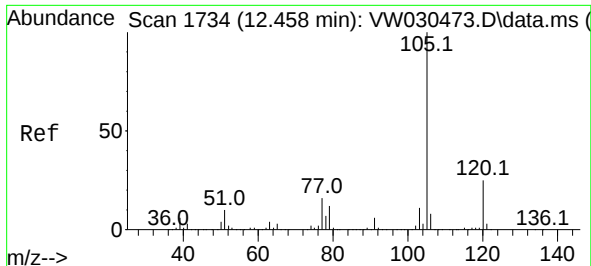
Tgt Ion: 83 Resp: 20889
Ion Ratio Lower Upper
83 100
85 65.7 42.6 79.2
131 9.7 7.4 11.0



#59
Bromoform
Concen: 4.824 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

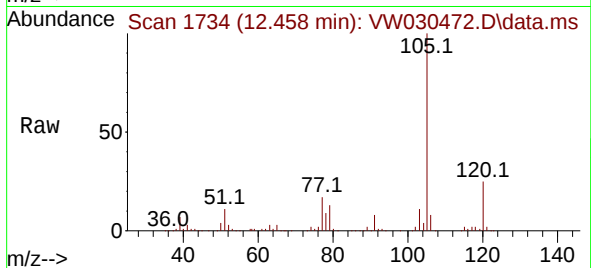
Tgt Ion:173 Resp: 10798
Ion Ratio Lower Upper
173 100
175 49.3 39.0 58.4
254 5.9 7.7 11.5#



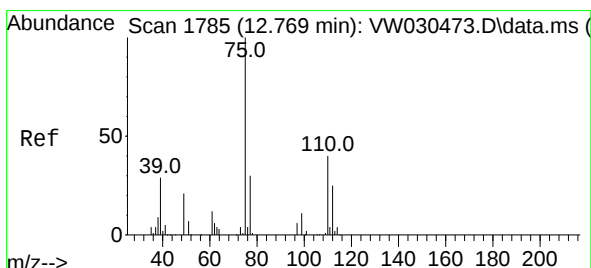
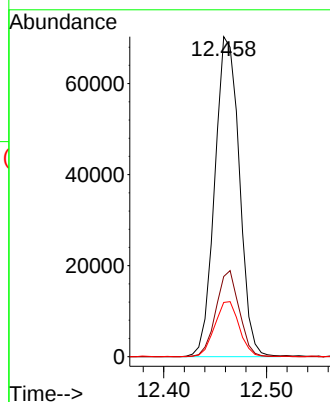
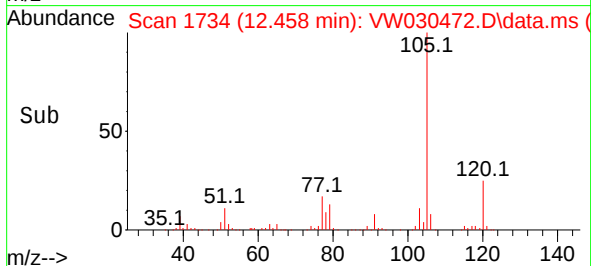


#60
Isopropylbenzene
Concen: 4.723 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

Instrument :
MSVOA_W
ClientSampleId :

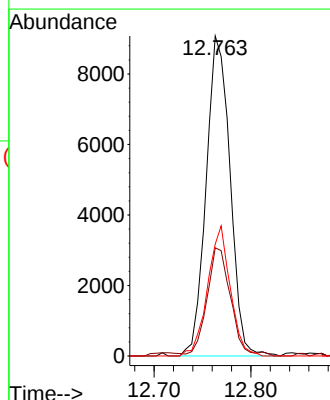
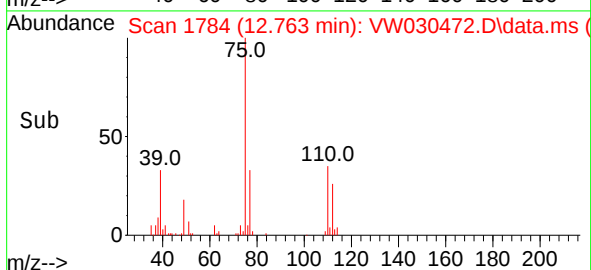
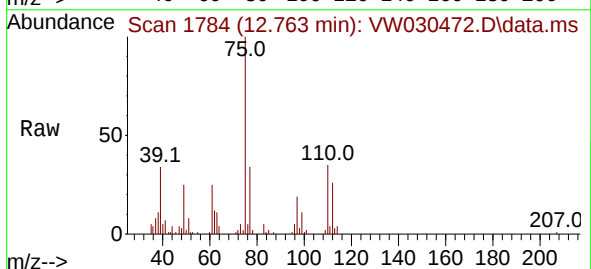


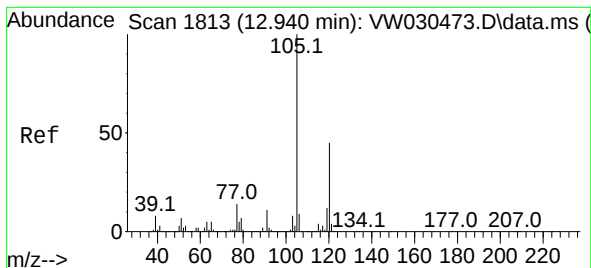
Tgt Ion:105 Resp: 116530
Ion Ratio Lower Upper
105 100
120 25.3 20.6 31.0
77 17.3 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.040 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

Tgt Ion: 75 Resp: 15623
Ion Ratio Lower Upper
75 100
77 33.0 25.7 38.5
110 38.3 32.3 48.5

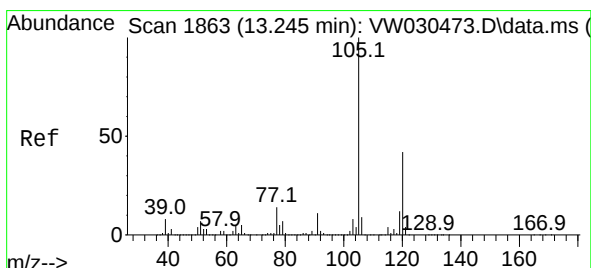
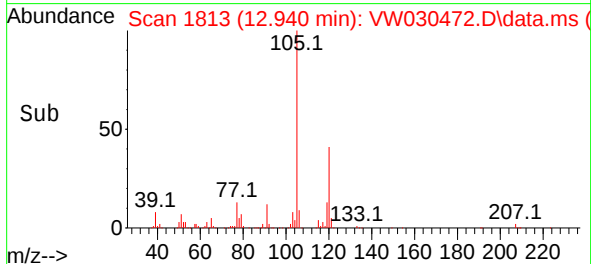
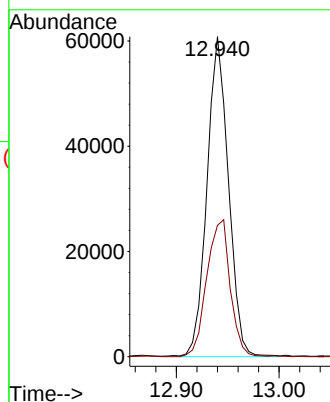
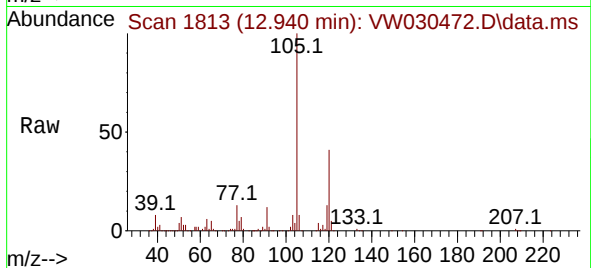




#62
1,3,5-Trimethylbenzene
Concen: 4.535 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

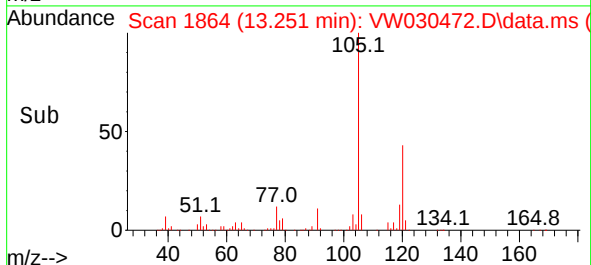
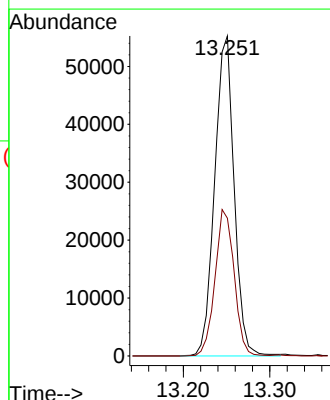
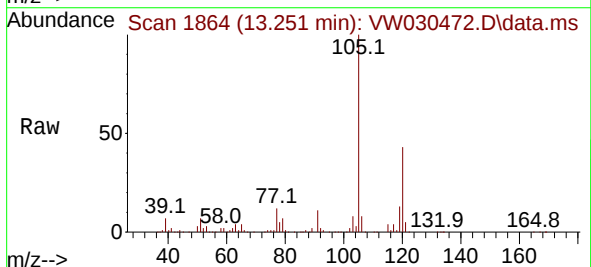
Instrument :
MSVOA_W
ClientSampleId :

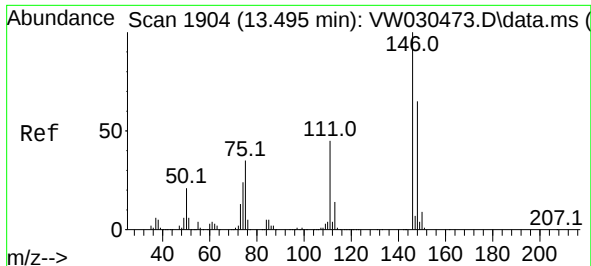
Tgt Ion:105 Resp: 88269
Ion Ratio Lower Upper
105 100
120 46.7 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 4.525 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

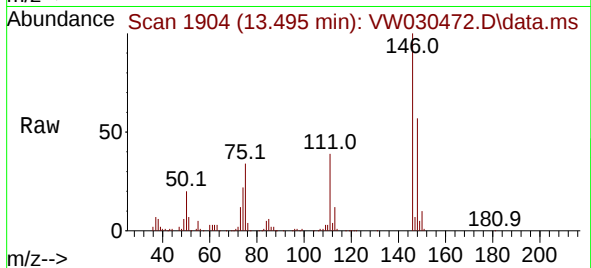
Tgt Ion:105 Resp: 86235
Ion Ratio Lower Upper
105 100
120 45.0 35.8 53.6



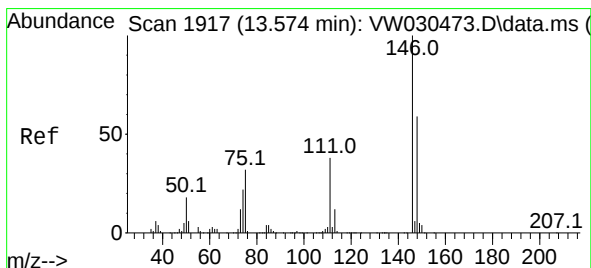
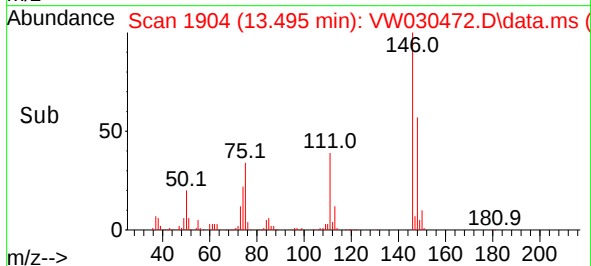
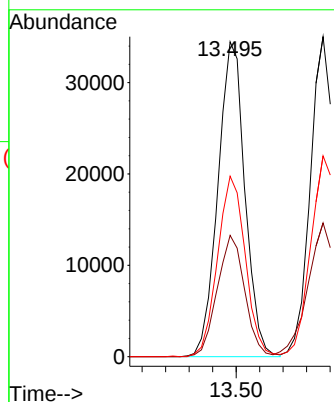


#64
1,3-Dichlorobenzene
Concen: 5.122 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

Instrument :
MSVOA_W
ClientSampleId :

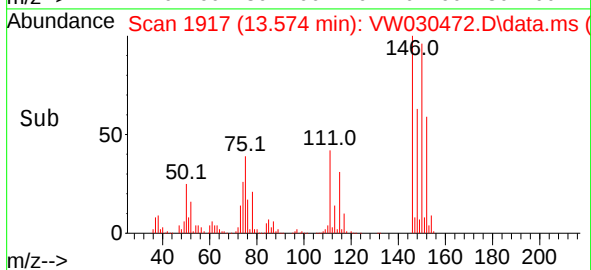
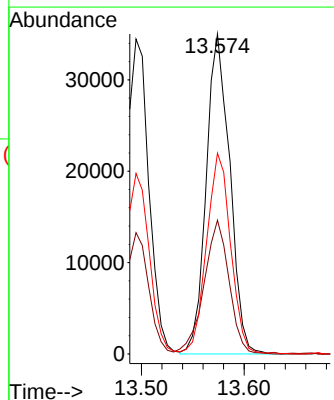
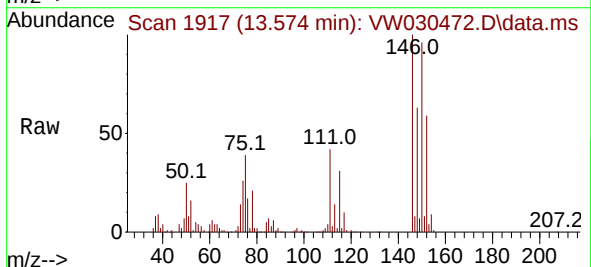


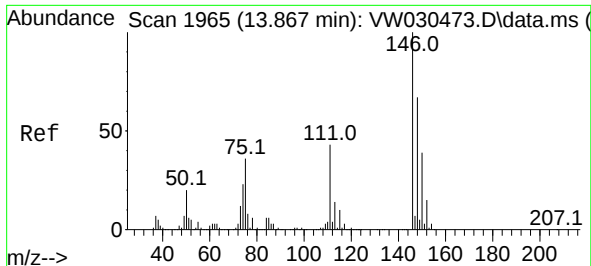
Tgt Ion:146 Resp: 55004
Ion Ratio Lower Upper
146 100
111 38.5 31.2 58.0
148 57.3 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.038 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

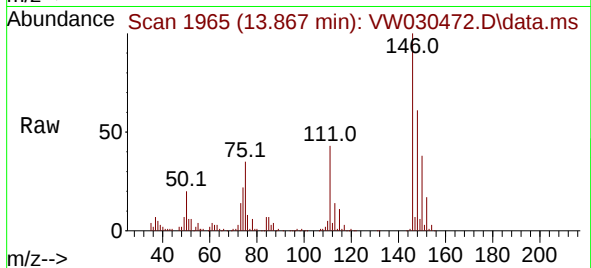
Tgt Ion:146 Resp: 55861
Ion Ratio Lower Upper
146 100
111 41.8 26.8 49.8
148 62.7 41.0 76.2



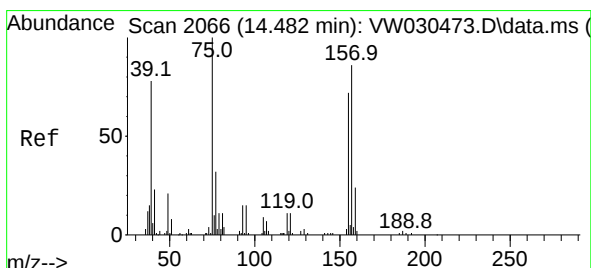
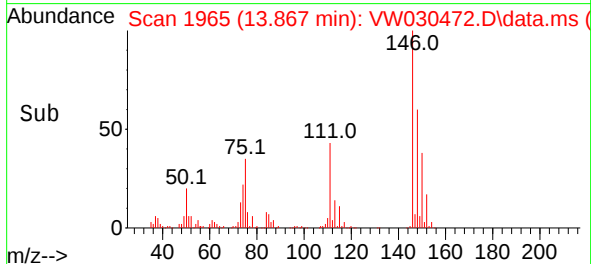
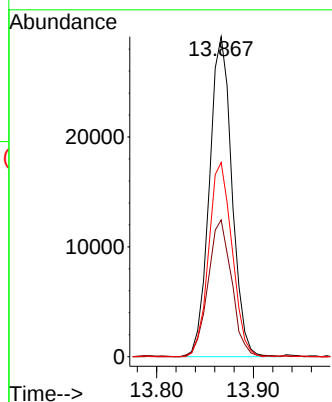


#67
1,2-Dichlorobenzene
Concen: 5.001 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

Instrument :
MSVOA_W
ClientSampleId :

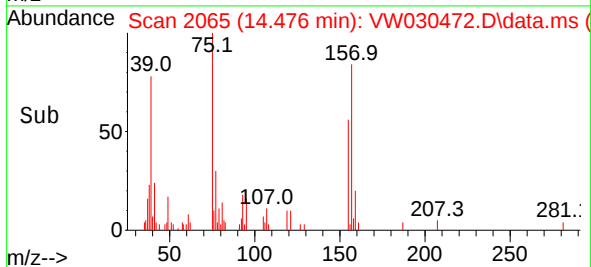
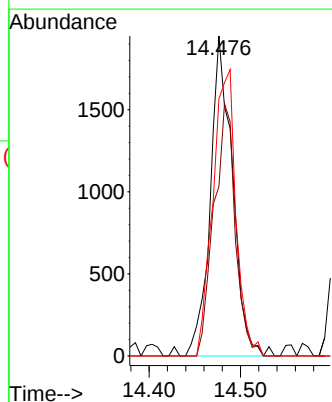
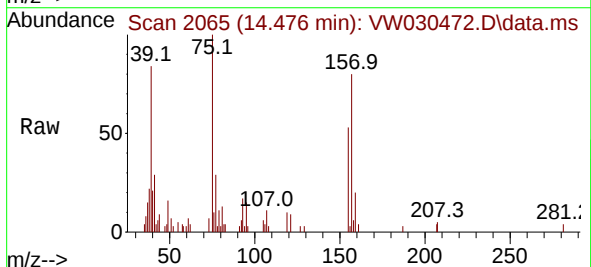


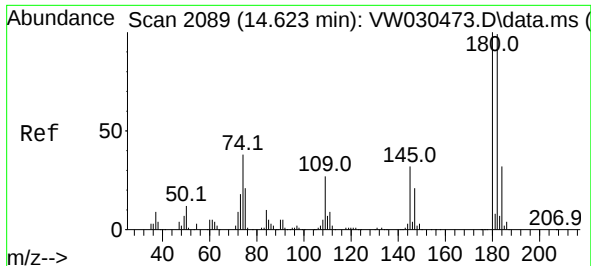
Tgt Ion:146 Resp: 47253
Ion Ratio Lower Upper
146 100
111 42.7 34.6 52.0
148 60.7 53.3 79.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.740 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

Tgt Ion: 75 Resp: 3277
Ion Ratio Lower Upper
75 100
155 53.0 57.9 86.9#
157 80.3 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 4.996 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

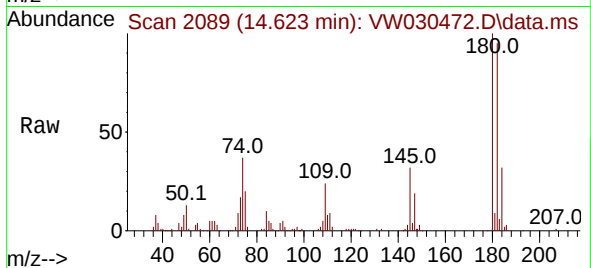
Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 35375

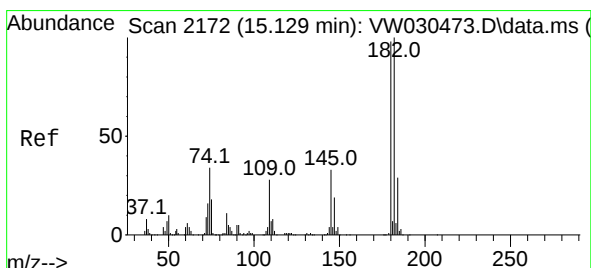
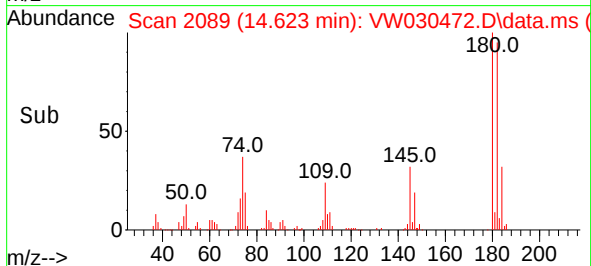
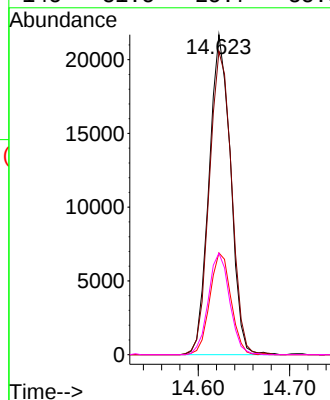
Ion Ratio Lower Upper

180 100

182 98.0 79.9 119.9

184 31.2 25.2 37.8

145 31.5 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 4.510 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW030472.D

Acq: 09 Oct 2024 14:12

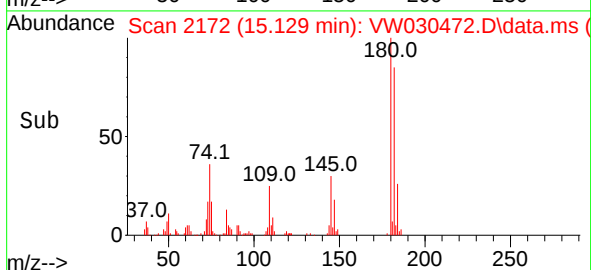
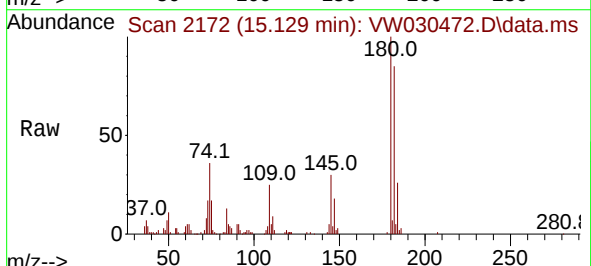
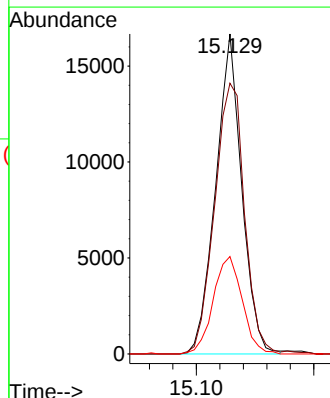
Tgt Ion:180 Resp: 25709

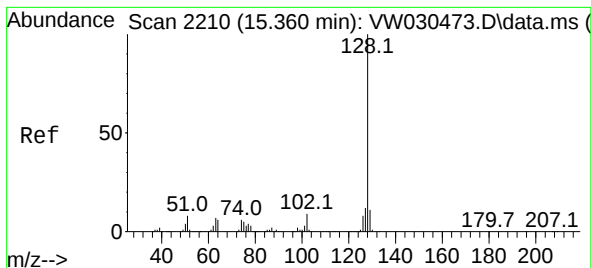
Ion Ratio Lower Upper

180 100

182 96.9 75.2 112.8

145 33.8 25.4 38.2

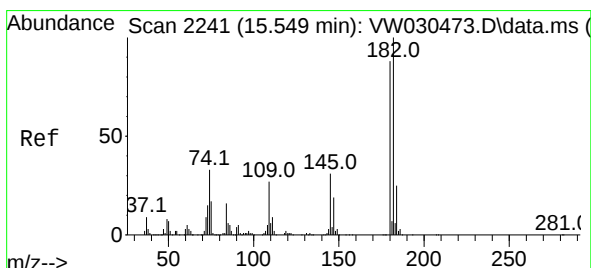
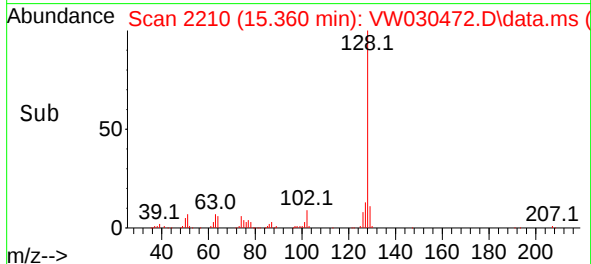
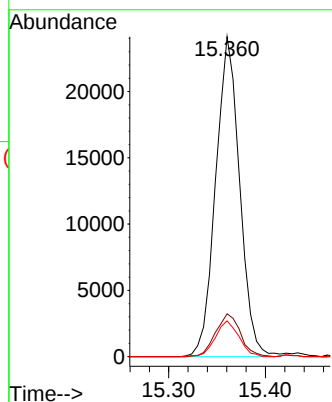
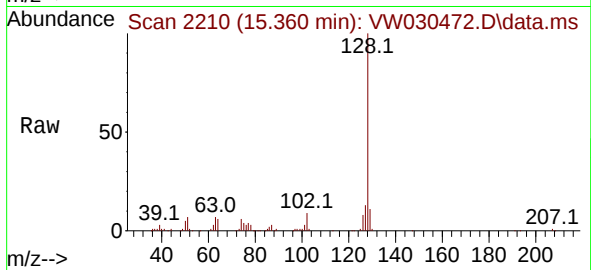




#71
Naphthalene
Concen: 4.226 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 41621
Ion Ratio Lower Upper
128 100
127 13.9 10.9 16.3
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 4.825 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW030472.D
Acq: 09 Oct 2024 14:12

Tgt Ion:180 Resp: 23847
Ion Ratio Lower Upper
180 100
182 91.6 76.2 114.4
145 33.8 27.4 41.2

