

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092724\
 Data File : VW030283.D
 Acq On : 27 Sep 2024 16:25
 Operator : SY/MD
 Sample : VSTD10007
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 28 01:47:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 28 01:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	189394	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	175536	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	90173	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	141619	95.690	ug/L	0.00
7) Chloroethane-d5	2.899	69	109823	101.988	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	113314	104.890	ug/L	0.00
21) 2-Butanone-d5	7.075	46	125732	211.255	ug/L	0.00
24) Chloroform-d	7.648	84	532073	104.573	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	276275	104.028	ug/L	0.00
32) Benzene-d6	8.276	84	1052960	107.027	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	314018	106.122	ug/L	0.00
41) Toluene-d8	10.324	98	978311	108.443	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	137451	111.678	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	113602	232.495	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	228156	103.186	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	308727	103.121	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	224001	108.205	ug/L	95
3) Chloromethane	2.228	50	151659	93.516	ug/L	98
5) Vinyl chloride	2.381	62	161674	93.778	ug/L	98
6) Bromomethane	2.789	94	105567	92.001	ug/L	93
8) Chloroethane	2.935	64	87598	91.944	ug/L	97
9) Trichlorofluoromethane	3.271	101	242458	109.172	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	223701	98.828	ug/L	92
12) 1,1-Dichloroethene	4.051	96	218684	99.385	ug/L	96
13) Acetone	4.124	43	117517	183.659	ug/L	99
14) Carbon disulfide	4.392	76	713655	97.531	ug/L	99
15) Methyl Acetate	4.673	43	97785	94.960	ug/L	99
16) Methylene chloride	4.923	84	230144	78.951	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	247324	96.826	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	392503	96.611	ug/L	99
19) 1,1-Dichloroethane	6.221	63	469272	96.471	ug/L	97
20) cis-1,2-Dichloroethene	7.172	96	279370	98.992	ug/L	98
22) 2-Butanone	7.172	43	148731	181.142	ug/L	98
23) Bromochloromethane	7.514	128	114869	93.235	ug/L	97
25) Chloroform	7.678	83	481372	95.420	ug/L	96
27) 1,2-Dichloroethane	8.398	62	305396	91.282	ug/L	99
29) Cyclohexane	7.959	56	408402	105.545	ug/L	99
30) 1,1,1-Trichloroethane	7.873	97	395534	97.271	ug/L	99
31) Carbon tetrachloride	8.069	117	369914	101.786	ug/L	99
33) Benzene	8.325	78	1024442	95.817	ug/L	100
34) Trichloroethene	9.093	95	277657	97.631	ug/L	94
35) Methylcyclohexane	9.337	83	449146	102.911	ug/L	98
37) 1,2-Dichloropropane	9.367	63	265229	94.021	ug/L	100
38) Bromodichloromethane	9.641	83	348189	98.312	ug/L	95
39) cis-1,3-Dichloropropene	10.068	75	447118	103.369	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	284294	195.937	ug/L	99
42) Toluene	10.385	91	1130797	98.795	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	367269	102.472	ug/L	96

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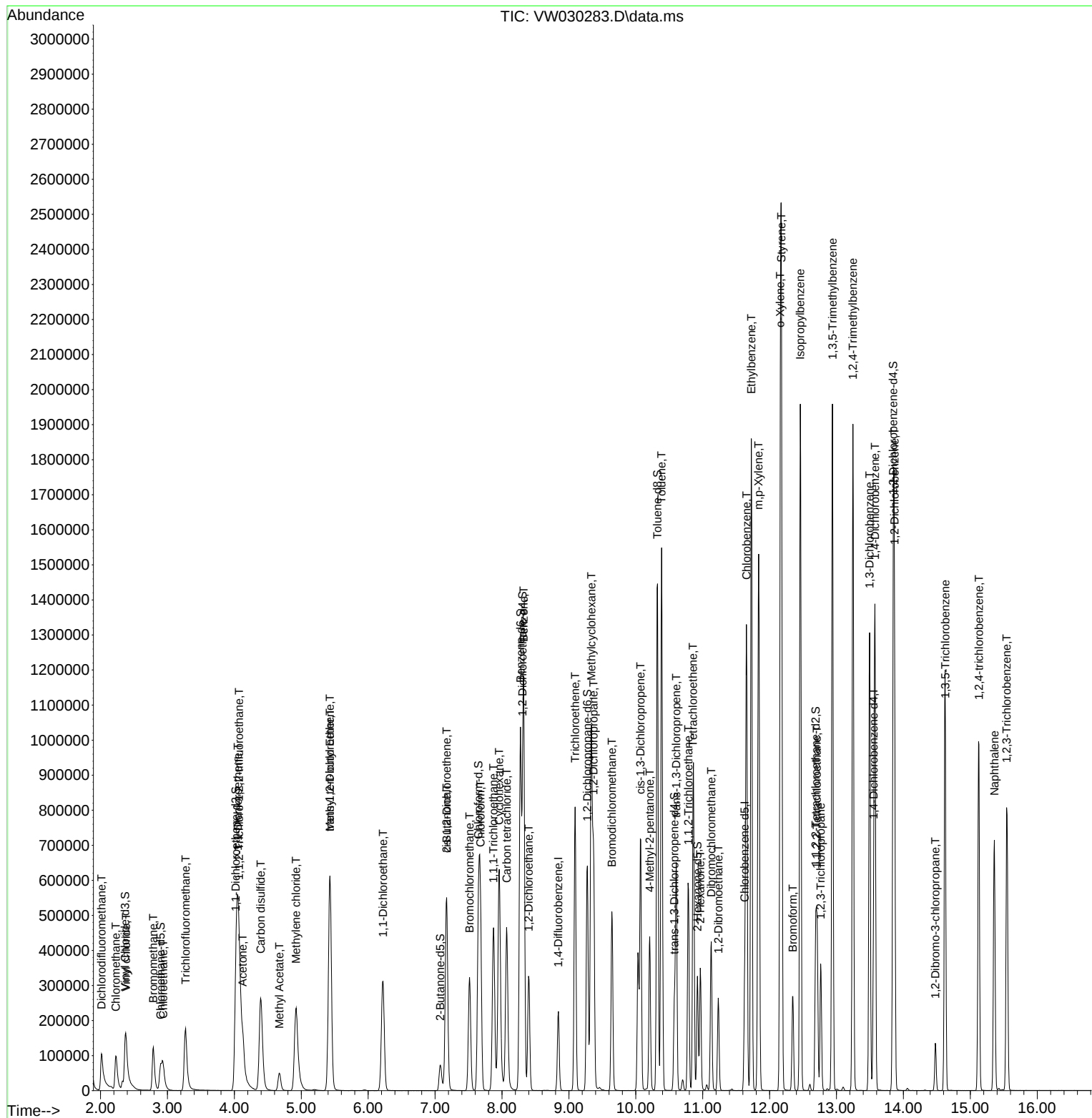
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	186422	93.776	ug/L	99
46) Tetrachloroethene	10.855	164	211078	99.231	ug/L	91
48) 2-Hexanone	10.964	43	215170	201.392	ug/L	99
49) Dibromochloromethane	11.129	129	223402	99.861	ug/L	94
50) 1,2-Dibromoethane	11.233	107	177312	94.264	ug/L	96
51) Chlorobenzene	11.653	112	704767	95.282	ug/L	93
52) Ethylbenzene	11.726	91	1300038	100.259	ug/L	100
53) m,p-Xylene	11.836	106	489326	101.090	ug/L	100
54) o-Xylene	12.159	106	455453	98.857	ug/L	98
55) Styrene	12.178	104	804037	102.302	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	217749	93.526	ug/L	100
59) Bromoform	12.348	173	130336	99.770	ug/L	97
60) Isopropylbenzene	12.458	105	1263206	98.696	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	155774	90.871	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1056766	102.078	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1017247	99.453	ug/L	96
64) 1,3-Dichlorobenzene	13.494	146	549713	96.108	ug/L	81
65) 1,4-Dichlorobenzene	13.574	146	525902	90.004	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	483045	94.729	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	36117	91.955	ug/L	94
69) 1,3,5-Trichlorobenzene	14.628	180	364813	92.410	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	316196	96.739	ug/L	99
71) Naphthalene	15.360	128	617548	103.294	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	266403	93.115	ug/L	95

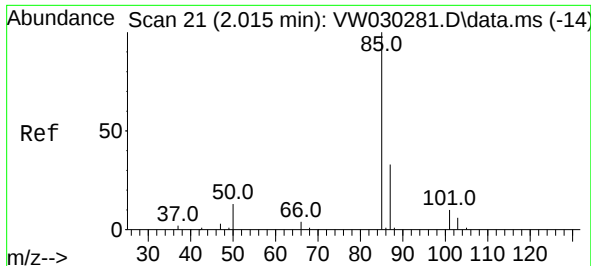
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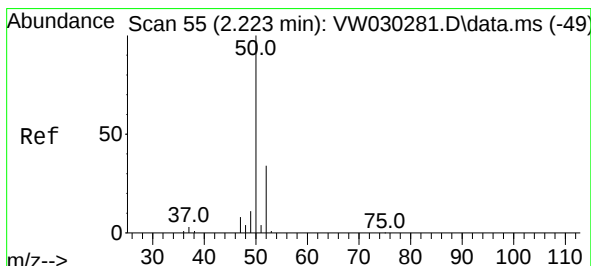
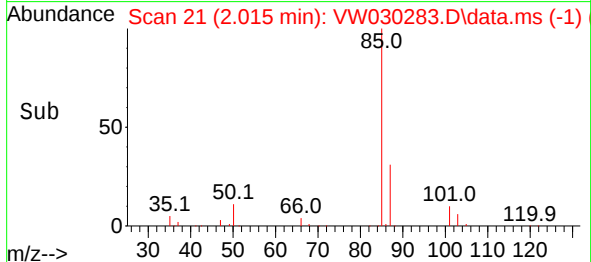
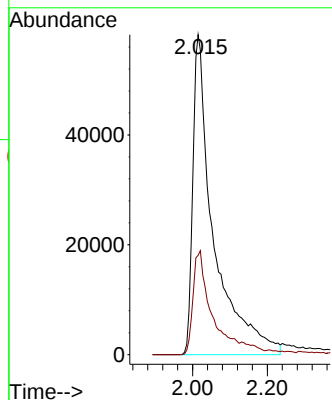
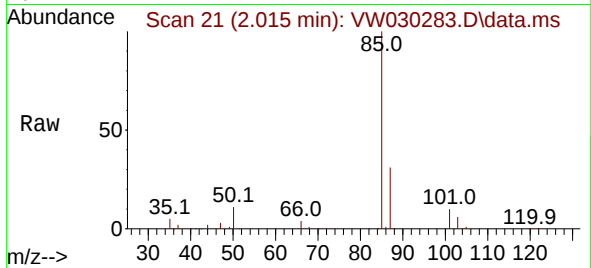




#2
 Dichlorodifluoromethane
 Concen: 108.205 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030283.D
 Acq: 27 Sep 2024 16:25

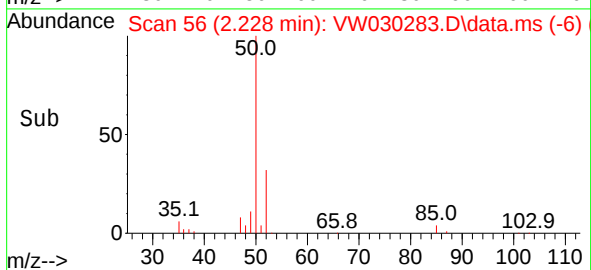
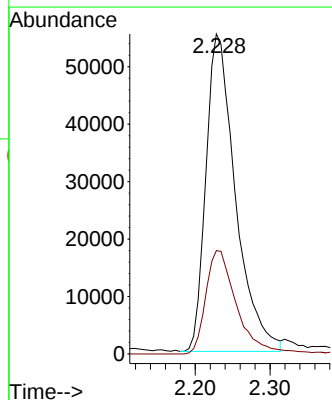
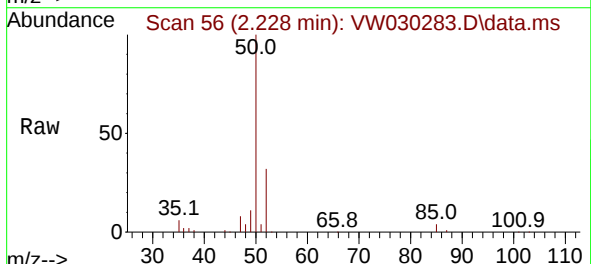
Instrument :
 MSVOA_W
 ClientSampleId :

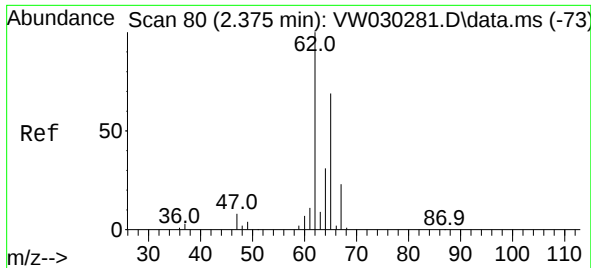
Tgt Ion: 85 Resp: 224001
 Ion Ratio Lower Upper
 85 100
 87 27.1 24.0 36.0



#3
 Chloromethane
 Concen: 93.516 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW030283.D
 Acq: 27 Sep 2024 16:25

Tgt Ion: 50 Resp: 151659
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.5 43.7

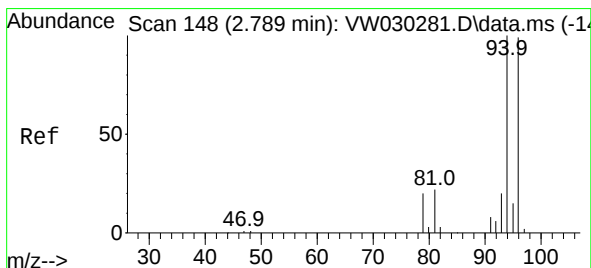
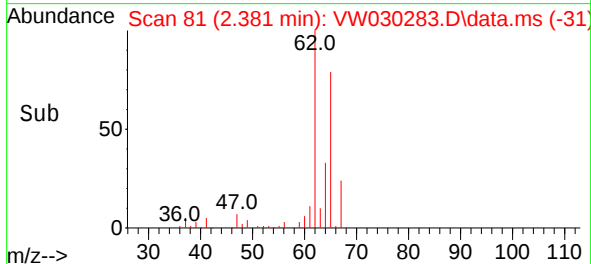
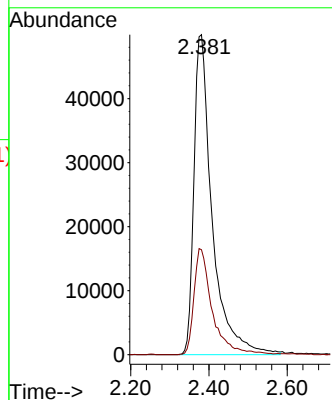
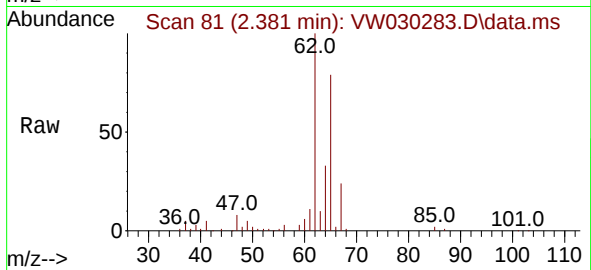




#5
Vinyl chloride
Concen: 93.778 ug/L
RT: 2.381 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW030283.D
Acq: 27 Sep 2024 16:25

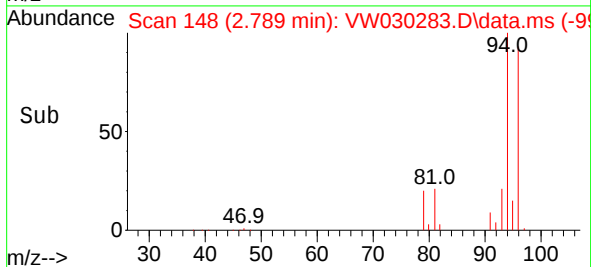
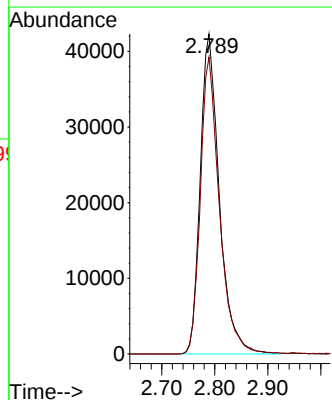
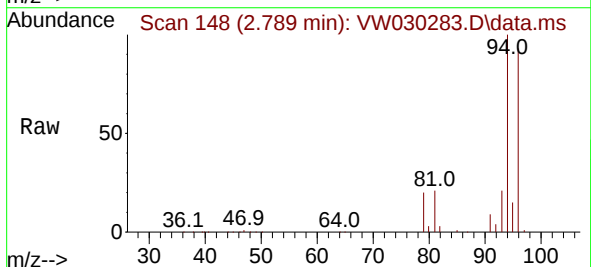
Instrument :
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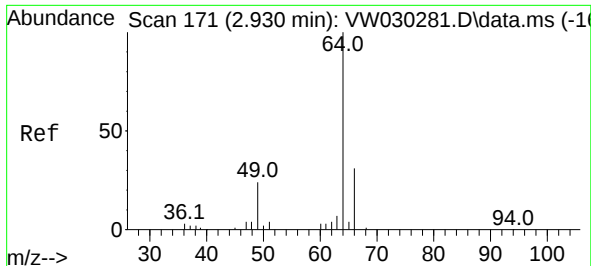
Tgt Ion: 62 Resp: 161674
Ion Ratio Lower Upper
62 100
64 32.8 22.1 41.1



#6
Bromomethane
Concen: 92.001 ug/L
RT: 2.789 min Scan# 148
Delta R.T. -0.000 min
Lab File: VW030283.D
Acq: 27 Sep 2024 16:25

Tgt Ion: 94 Resp: 105567
Ion Ratio Lower Upper
94 100
96 92.7 69.7 129.4

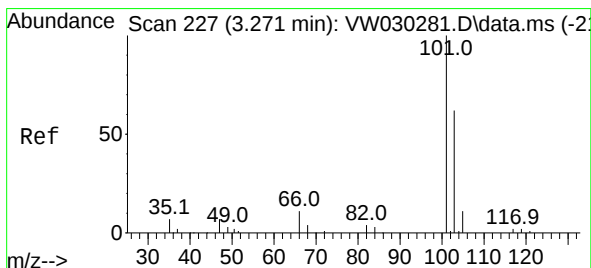
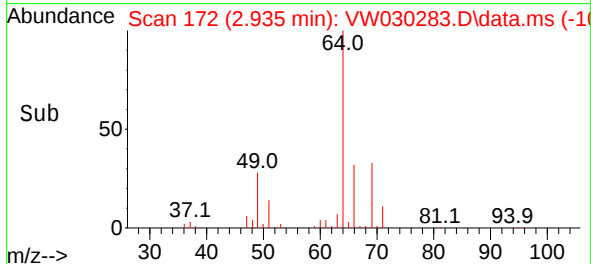
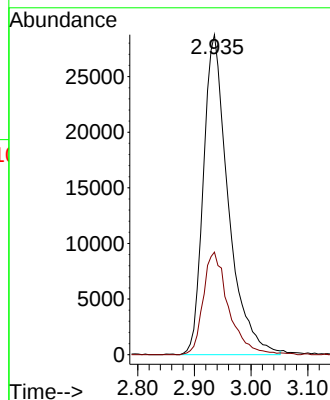
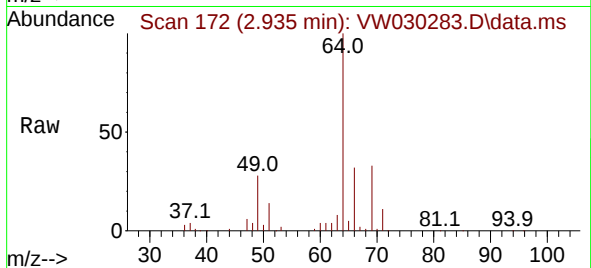




#8
Chloroethane
Concen: 91.944 ug/L
RT: 2.935 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW030283.D
Acq: 27 Sep 2024 16:25

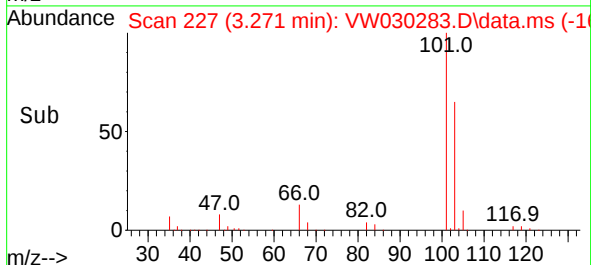
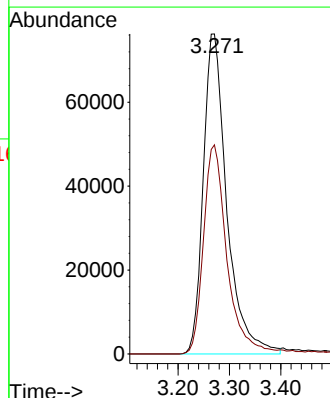
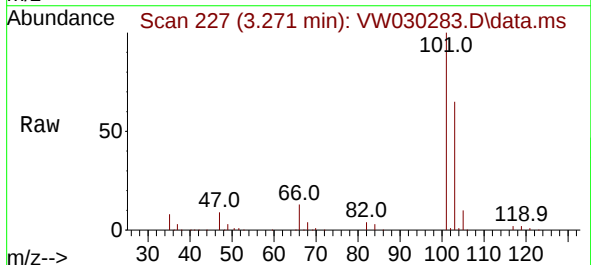
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MSVOA_W
ClientSampleId :

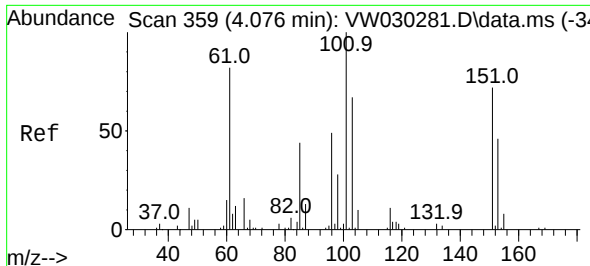
Tgt Ion: 64 Resp: 87598
Ion Ratio Lower Upper
64 100
66 32.0 21.4 39.8



#9
Trichlorofluoromethane
Concen: 109.172 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW030283.D
Acq: 27 Sep 2024 16:25

Tgt Ion:101 Resp: 242458
Ion Ratio Lower Upper
101 100
103 64.9 50.2 75.4





#10

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

Concen: 98.828 ug/L

RT: 4.069 min Scan# 358

Delta R.T. -0.007 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

Instrument :

MSVOA_W

ClientSampleId :

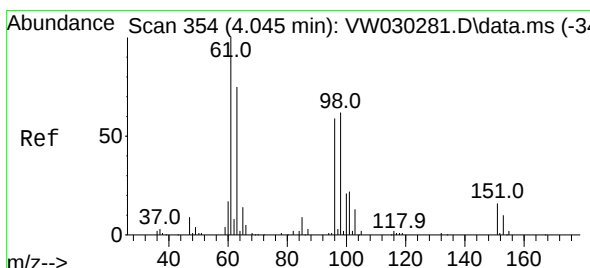
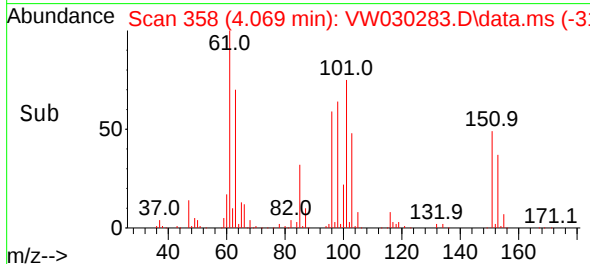
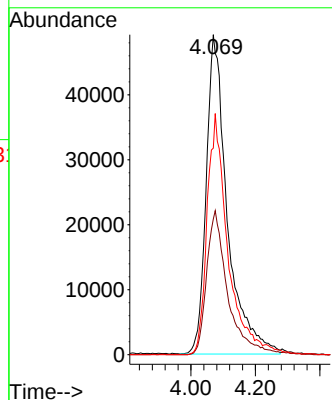
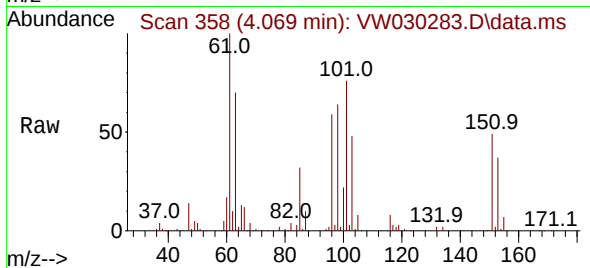
Tgt Ion:101 Resp: 223701

Ion Ratio Lower Upper

101 100

85 44.9 30.5 45.7

151 71.3 52.9 79.3



#12

1,1-Dichloroethene

Concen: 99.385 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

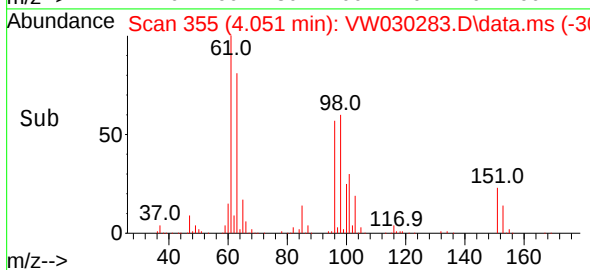
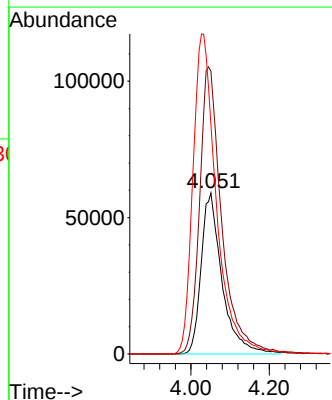
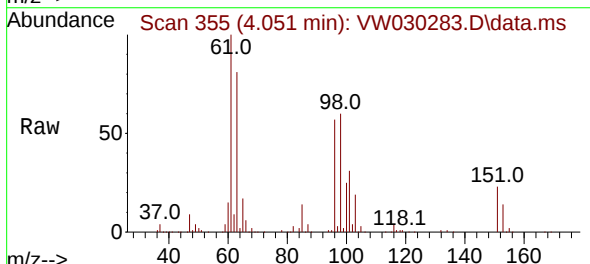
Tgt Ion: 96 Resp: 218684

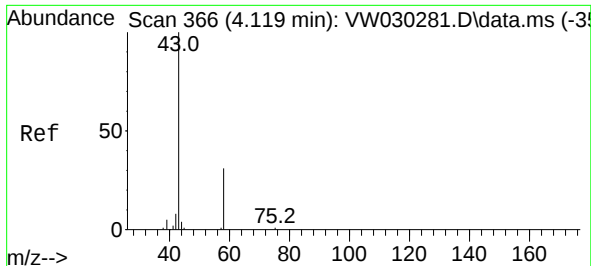
Ion Ratio Lower Upper

96 100

61 175.7 120.1 223.1

63 142.5 94.8 176.2

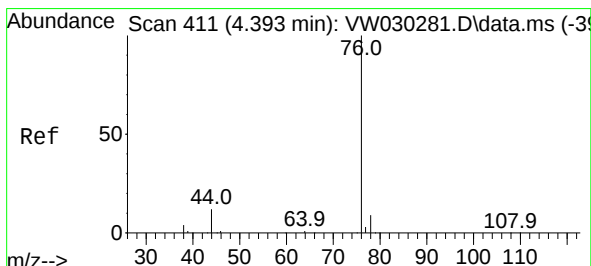
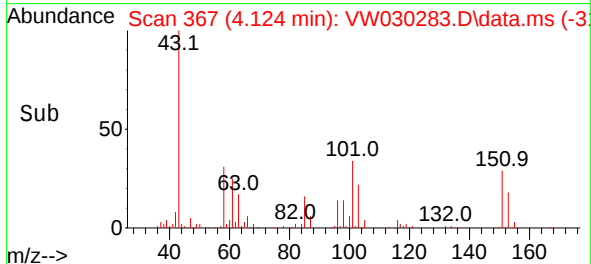
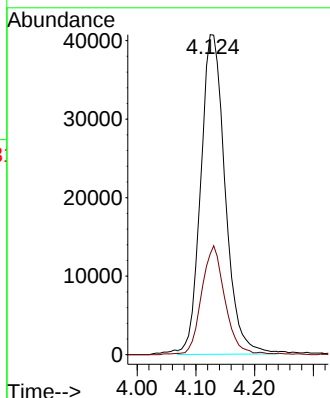
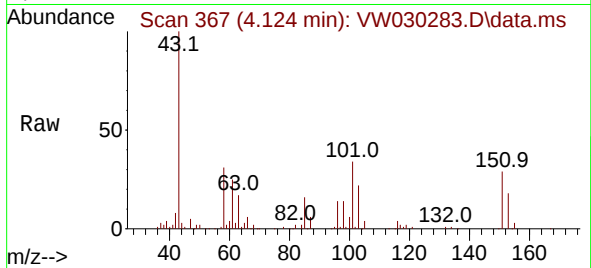




#13
Acetone
Concen: 183.659 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
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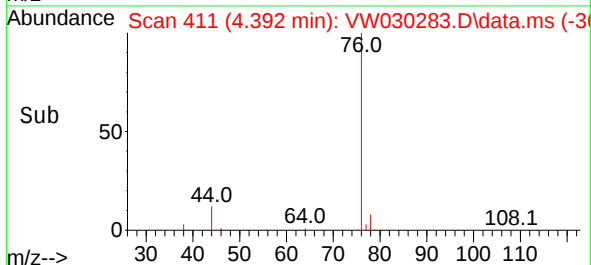
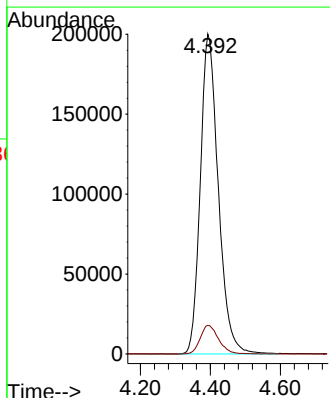
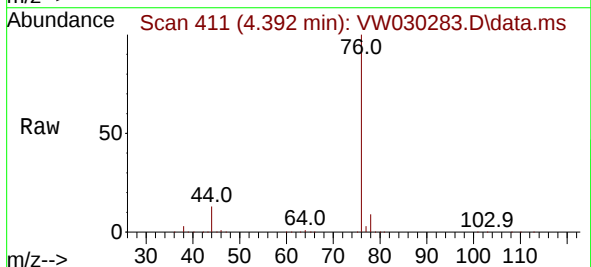
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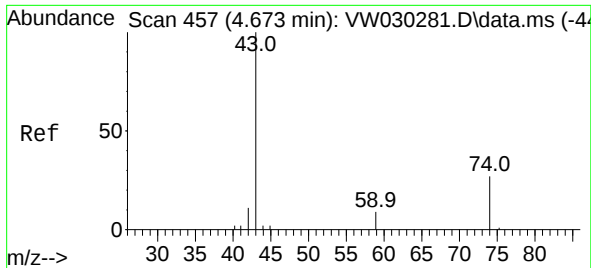
Tgt Ion: 43 Resp: 117517
Ion Ratio Lower Upper
43 100
58 31.6 0.0 64.0



#14
Carbon disulfide
Concen: 97.531 ug/L
RT: 4.392 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW030283.D
Acq: 27 Sep 2024 16:25

Tgt Ion: 76 Resp: 713655
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

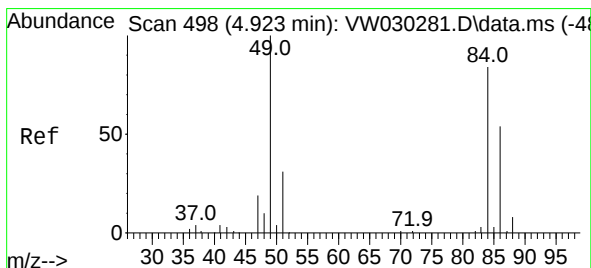
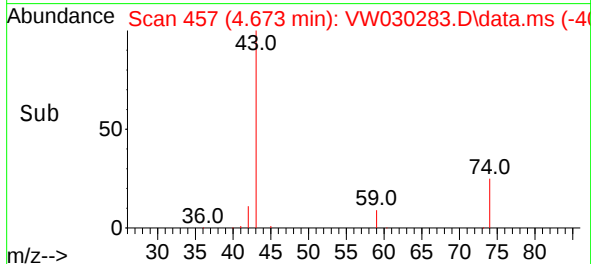
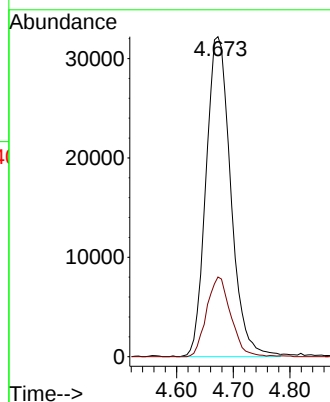
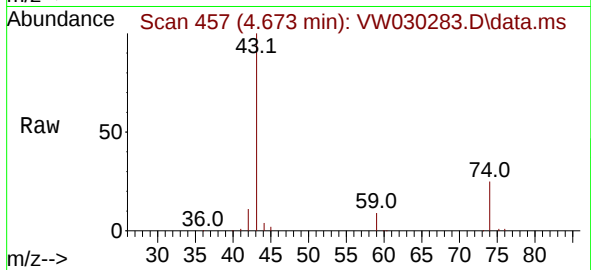




#15
Methyl Acetate
Concen: 94.960 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW030283.D
Acq: 27 Sep 2024 16:25

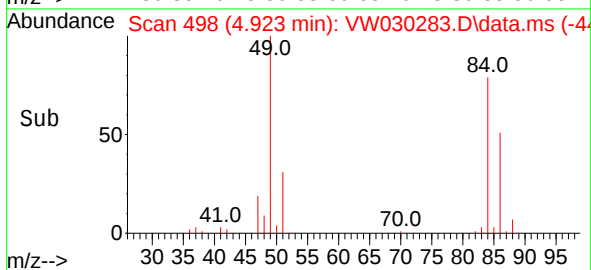
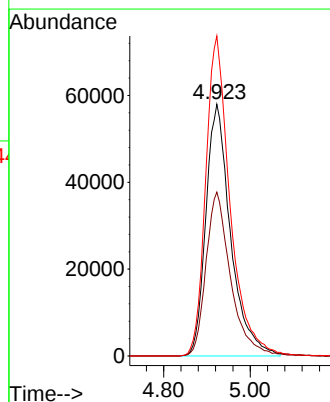
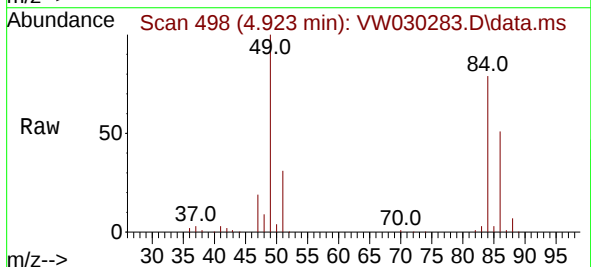
Instrument :
MSVOA_W
ClientSampleId :

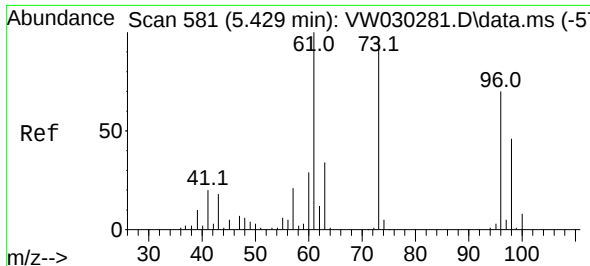
Tgt Ion: 43 Resp: 97785
Ion Ratio Lower Upper
43 100
74 24.2 19.8 29.6



#16
Methylene chloride
Concen: 78.951 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW030283.D
Acq: 27 Sep 2024 16:25

Tgt Ion: 84 Resp: 230144
Ion Ratio Lower Upper
84 100
86 65.1 44.8 83.2
49 127.1 83.6 155.2





#17

trans-1,2-Dichloroethene

Concen: 96.826 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

Instrument :

MSVOA_W

ClientSampleId :

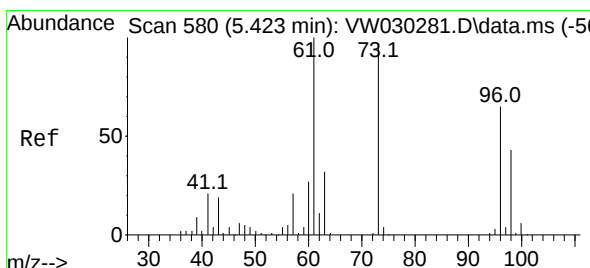
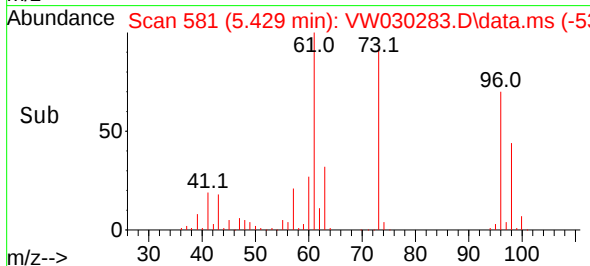
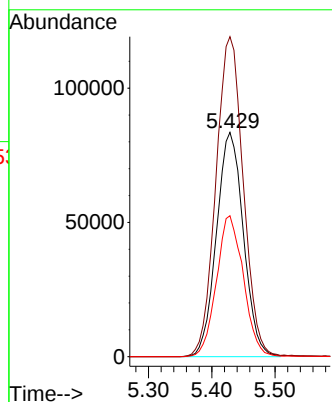
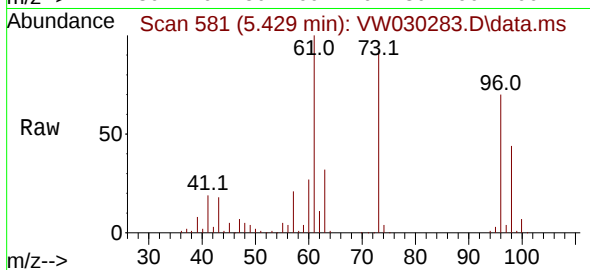
Tgt Ion: 96 Resp: 247324

Ion Ratio Lower Upper

96 100

61 142.7 100.3 186.3

98 62.9 46.3 86.1



#18

Methyl tert-butyl Ether

Concen: 96.611 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

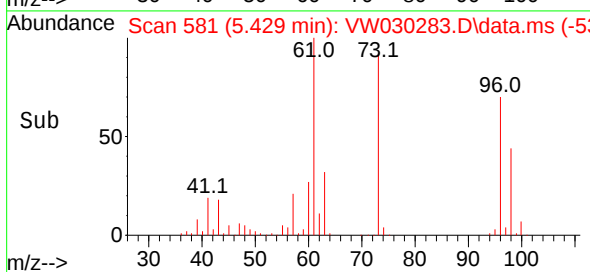
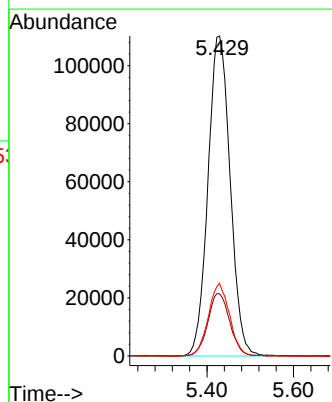
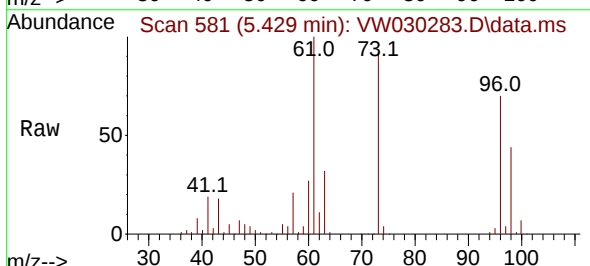
Tgt Ion: 73 Resp: 392503

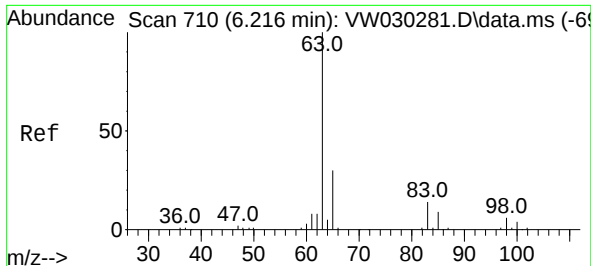
Ion Ratio Lower Upper

73 100

43 19.4 15.9 23.9

57 21.7 17.6 26.4





#19

1,1-Dichloroethane

Concen: 96.471 ug/L

RT: 6.221 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

Instrument :

MSVOA_W

ClientSampleId :

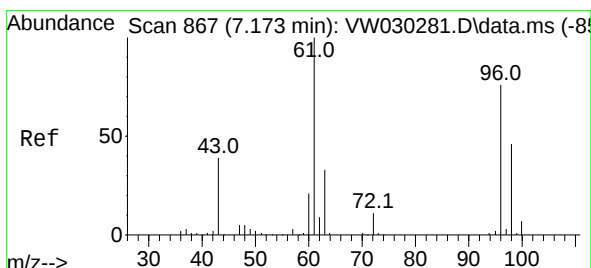
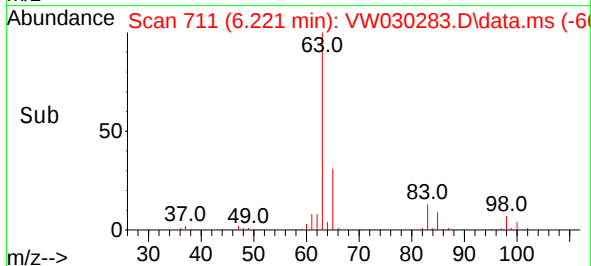
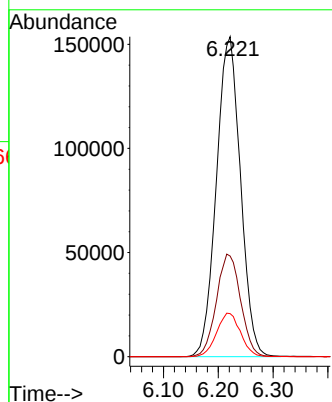
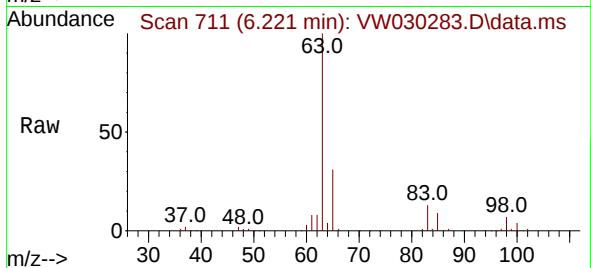
Tgt Ion: 63 Resp: 469272

Ion Ratio Lower Upper

63 100

65 31.4 20.7 38.5

83 13.5 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 98.992 ug/L

RT: 7.172 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

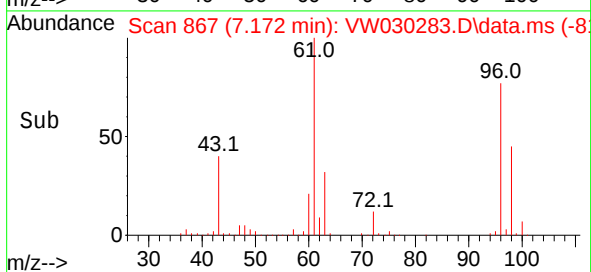
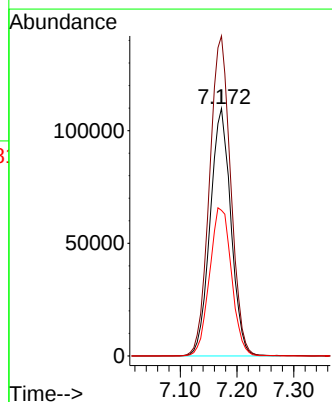
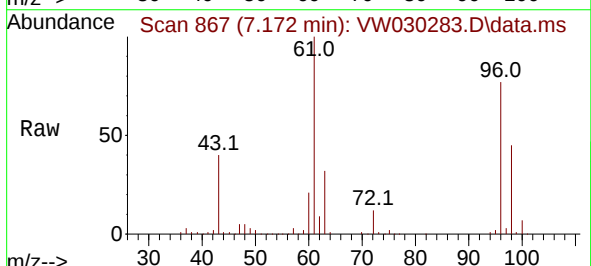
Tgt Ion: 96 Resp: 279370

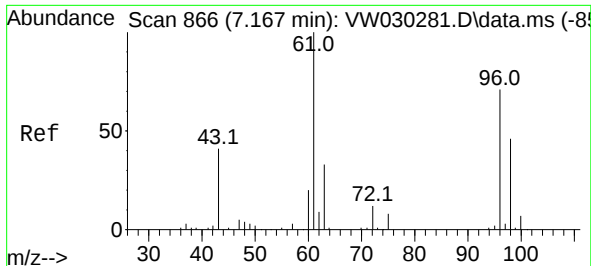
Ion Ratio Lower Upper

96 100

61 129.3 92.0 170.9

98 58.8 41.9 77.9





#22

2-Butanone

Concen: 181.142 ug/L

RT: 7.172 min Scan# 866

Delta R.T. 0.006 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

Instrument :

MSVOA_W

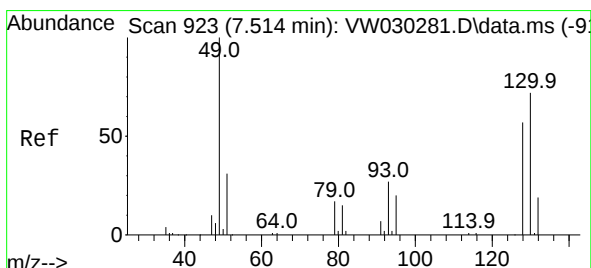
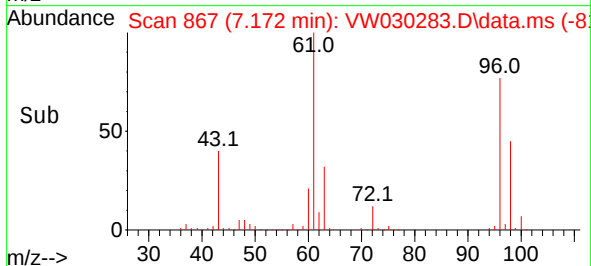
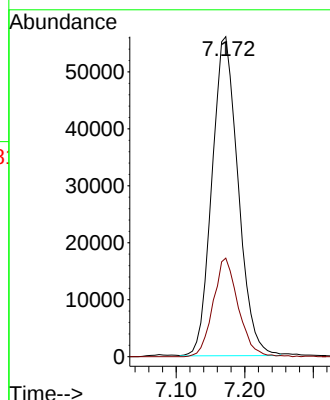
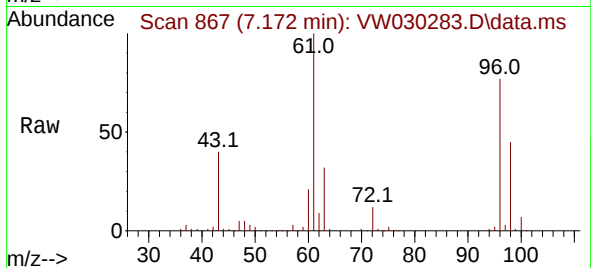
ClientSampleId :

Tgt Ion: 43 Resp: 148731

Ion Ratio Lower Upper

43 100

72 29.5 14.1 42.3



#23

Bromochloromethane

Concen: 93.235 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

Tgt Ion: 128 Resp: 114869

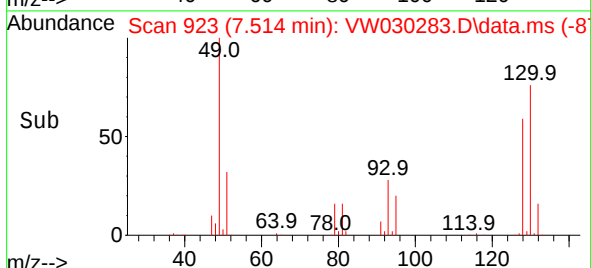
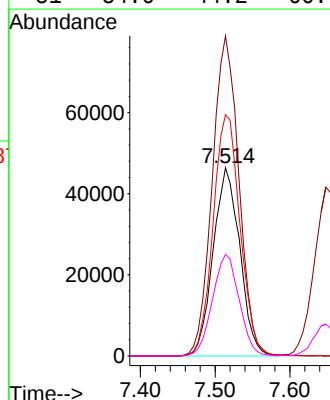
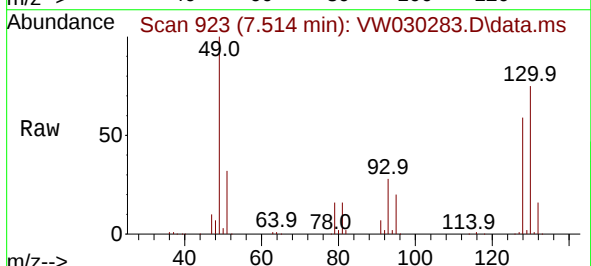
Ion Ratio Lower Upper

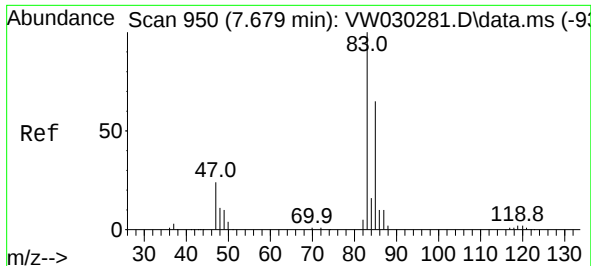
128 100

49 170.0 123.1 228.5

130 128.2 89.2 165.6

51 54.0 44.2 66.4





#25

Chloroform

Concen: 95.420 ug/L

RT: 7.678 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

Instrument :

MSVOA_W

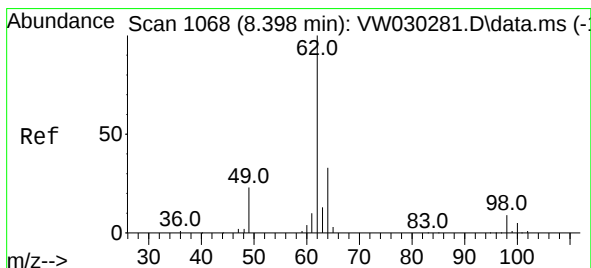
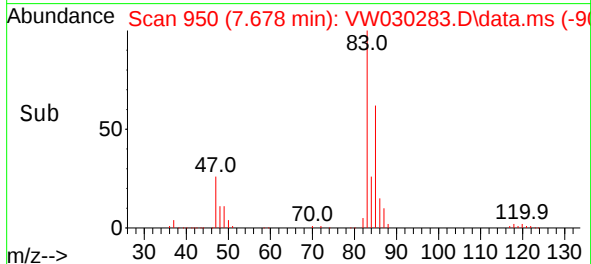
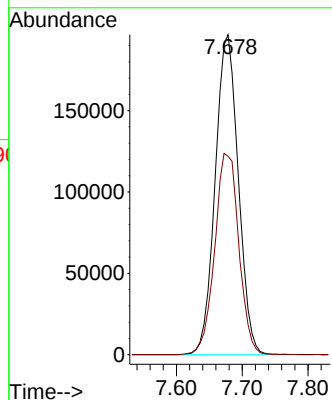
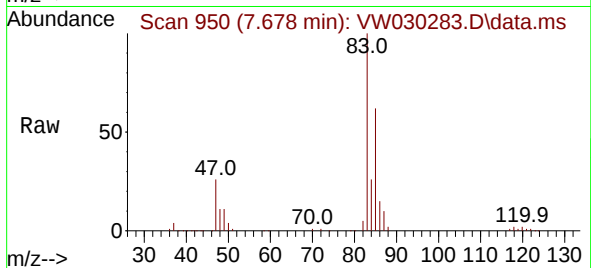
ClientSampleId :

Tgt Ion: 83 Resp: 481372

Ion Ratio Lower Upper

83 100

85 62.0 45.8 85.0



#27

1,2-Dichloroethane

Concen: 91.282 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030283.D

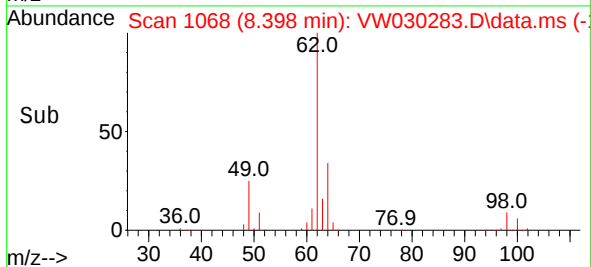
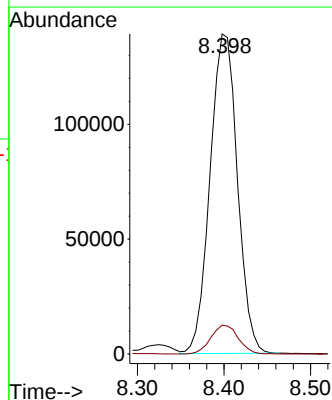
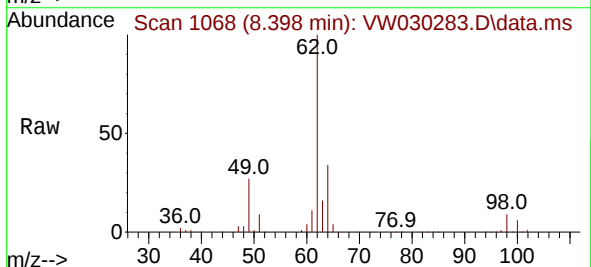
Acq: 27 Sep 2024 16:25

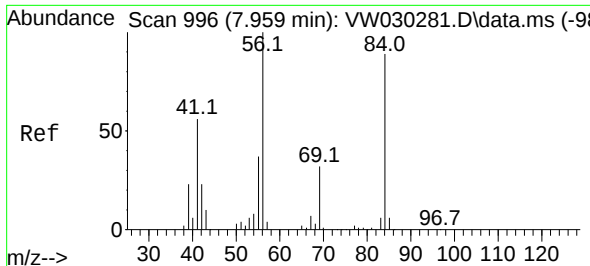
Tgt Ion: 62 Resp: 305396

Ion Ratio Lower Upper

62 100

98 9.0 7.0 10.6





#29

Cyclohexane

Concen: 105.545 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

Instrument :

MSVOA_W

ClientSampleId :

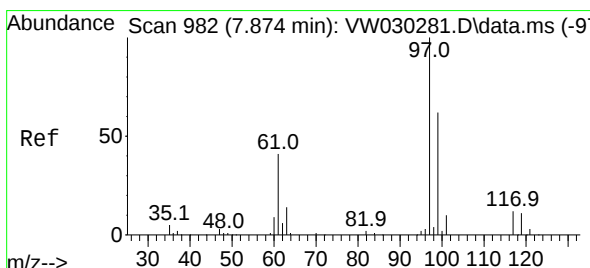
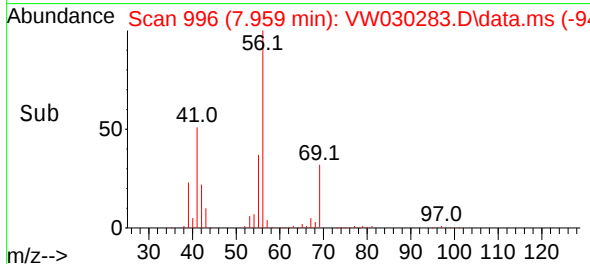
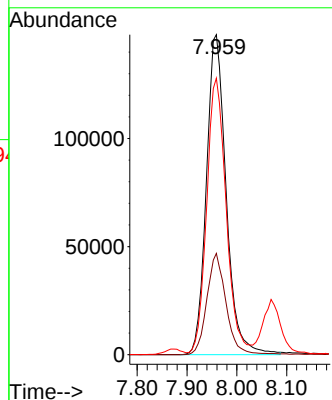
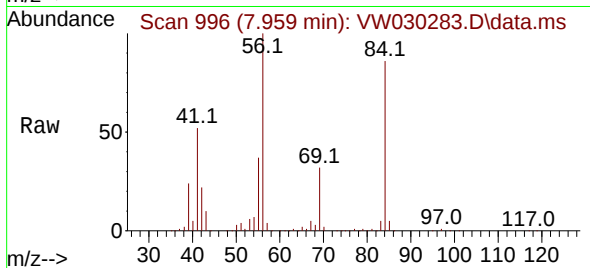
Tgt Ion: 56 Resp: 408402

Ion Ratio Lower Upper

56 100

69 30.4 24.5 36.7

84 85.1 67.5 101.3



#30

1,1,1-Trichloroethane

Concen: 97.271 ug/L

RT: 7.873 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

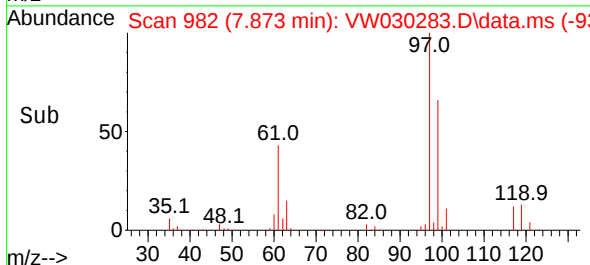
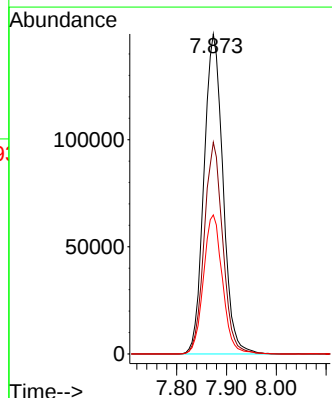
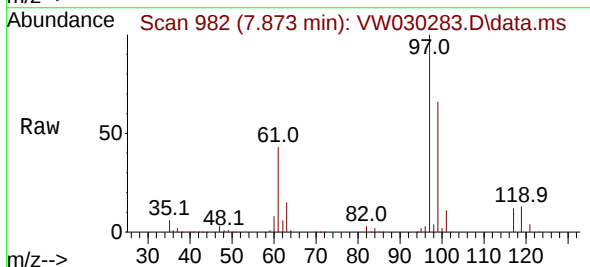
Tgt Ion: 97 Resp: 395534

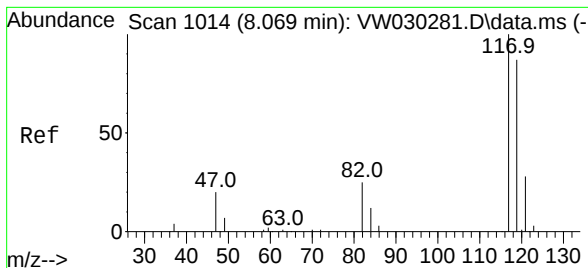
Ion Ratio Lower Upper

97 100

99 64.4 50.9 76.3

61 43.4 34.1 51.1





#31

Carbon tetrachloride

Concen: 101.786 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

Instrument :

MSVOA_W

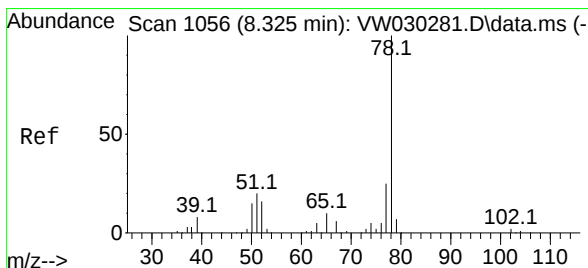
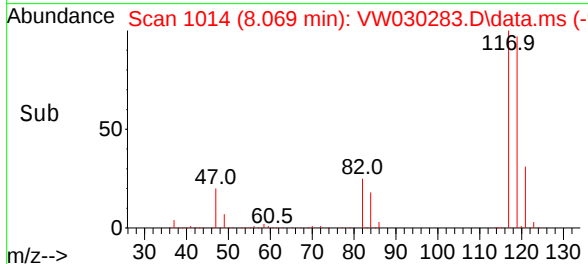
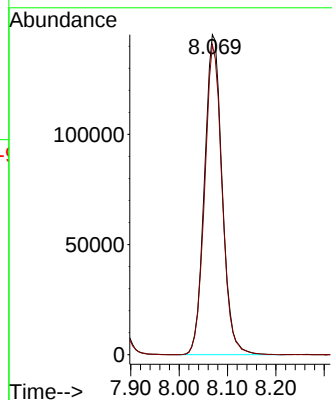
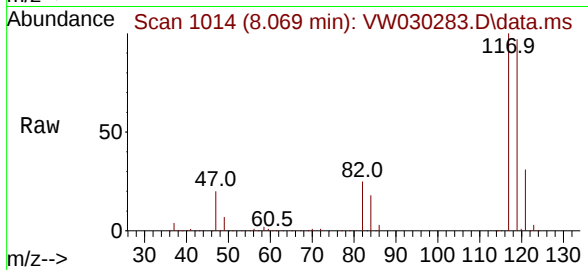
ClientSampleId :

Tgt Ion:117 Resp: 369914

Ion Ratio Lower Upper

117 100

119 95.4 75.5 113.3



#33

Benzene

Concen: 95.817 ug/L

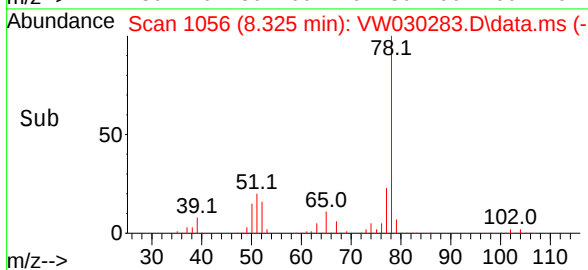
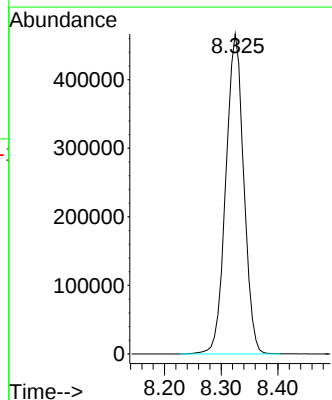
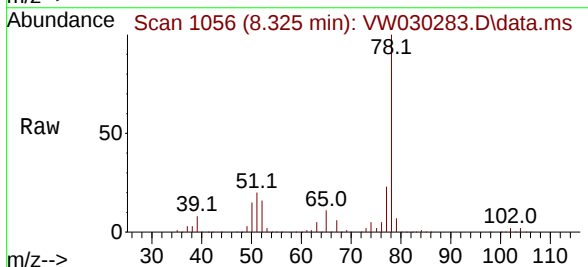
RT: 8.325 min Scan# 1056

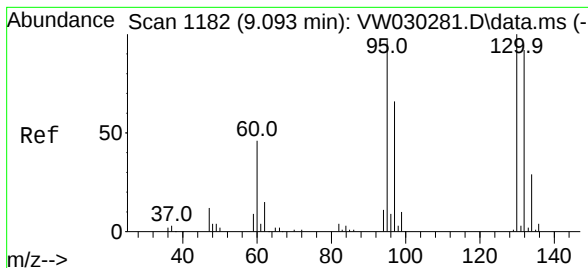
Delta R.T. -0.000 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

Tgt Ion: 78 Resp: 1024442





#34

Trichloroethene

Concen: 97.631 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

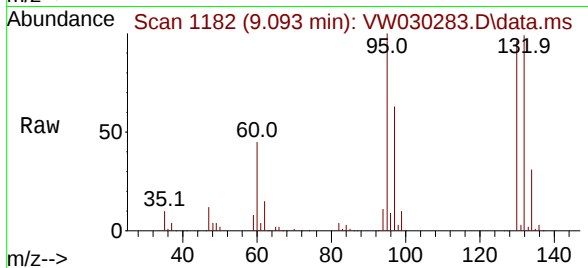
Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 277657

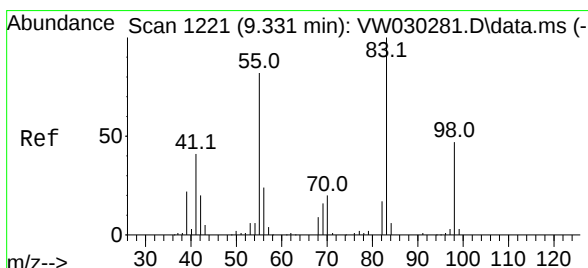
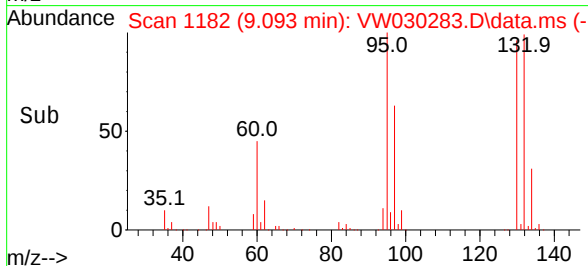
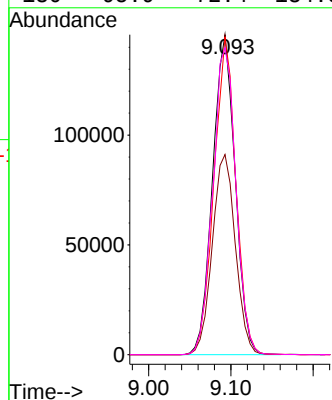
Ion Ratio Lower Upper

95 100

97 62.5 47.5 88.1

132 99.3 66.7 123.9

130 95.9 72.4 134.5



#35

Methylcyclohexane

Concen: 102.911 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

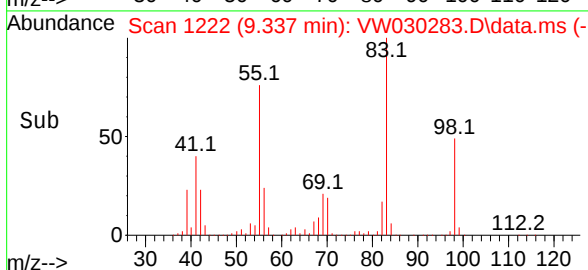
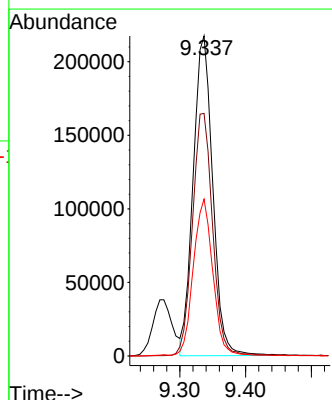
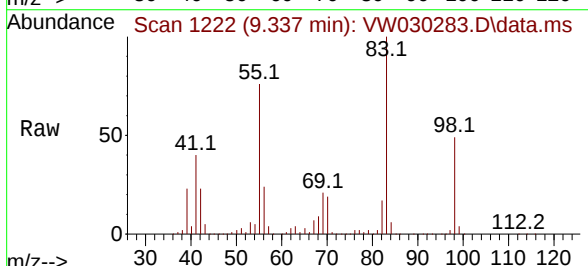
Tgt Ion: 83 Resp: 449146

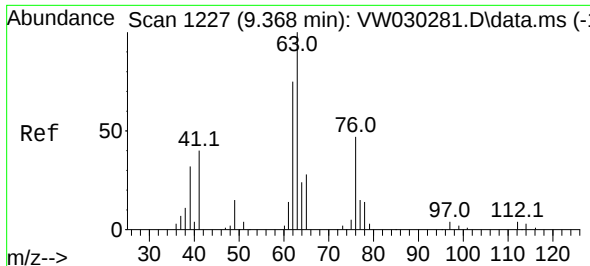
Ion Ratio Lower Upper

83 100

55 78.0 61.7 92.5

98 48.3 37.2 55.8





#37

1,2-Dichloropropane

Concen: 94.021 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

Instrument :

MSVOA_W

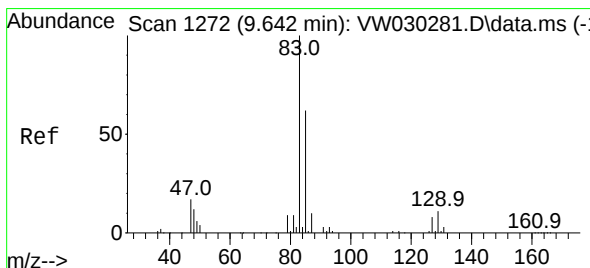
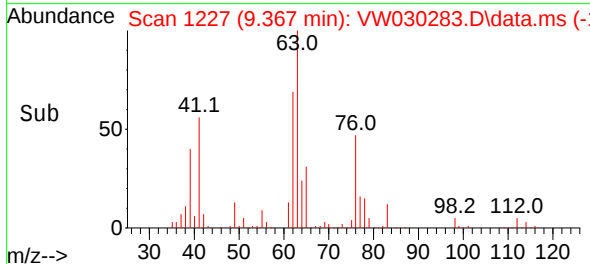
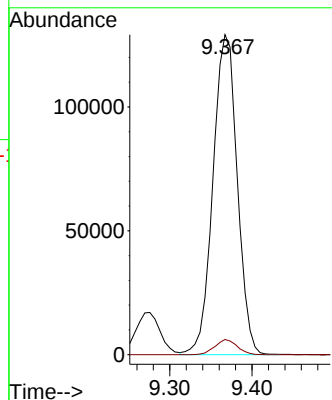
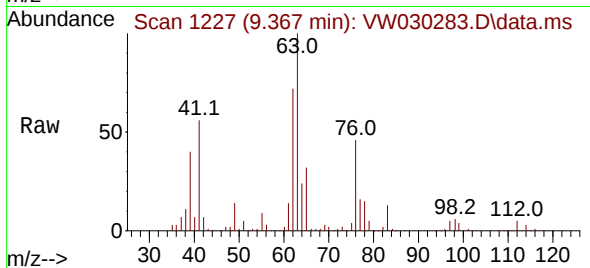
ClientSampleId :

Tgt Ion: 63 Resp: 265229

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 98.312 ug/L

RT: 9.641 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

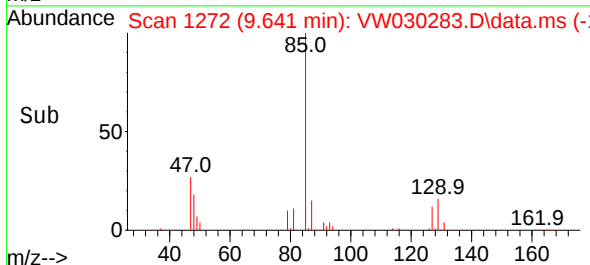
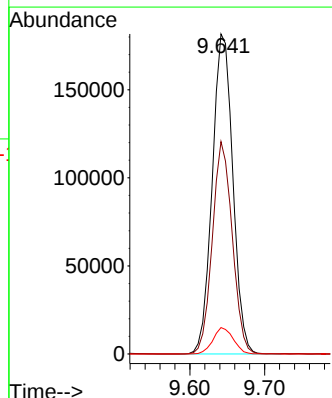
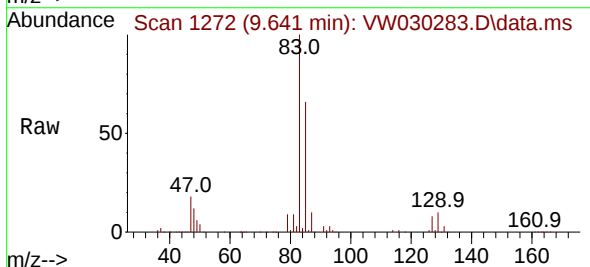
Tgt Ion: 83 Resp: 348189

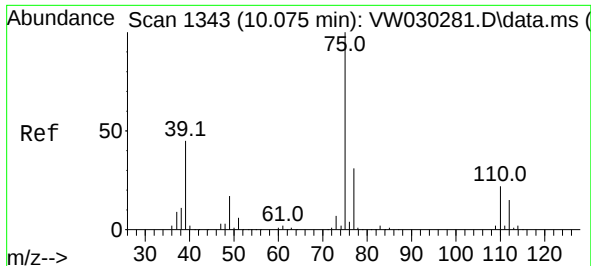
Ion Ratio Lower Upper

83 100

85 66.4 43.5 80.7

127 8.2 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 103.369 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.007 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

Instrument :

MSVOA_W

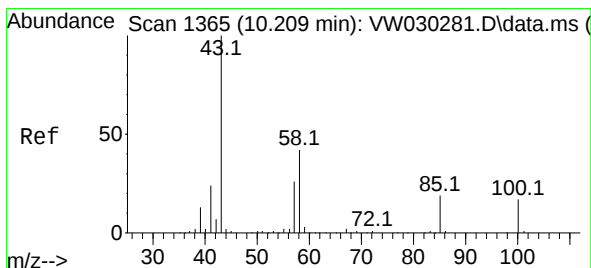
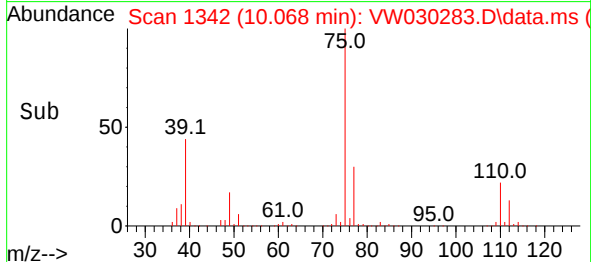
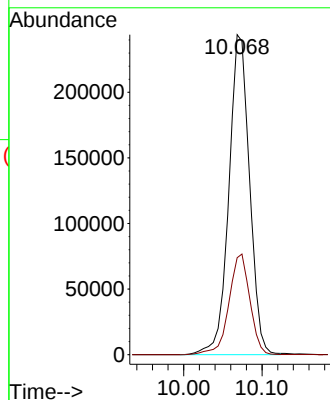
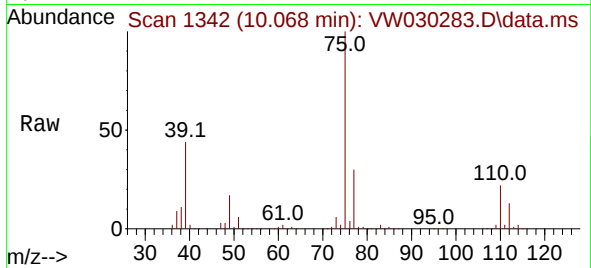
ClientSampleId :

Tgt Ion: 75 Resp: 447118

Ion Ratio Lower Upper

75 100

77 30.3 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 195.937 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

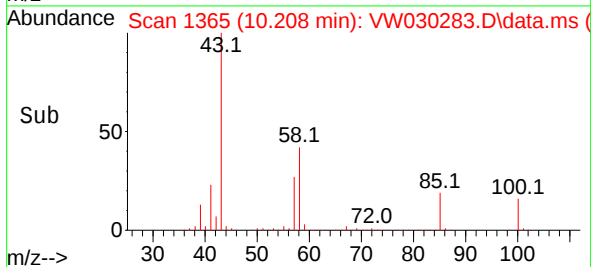
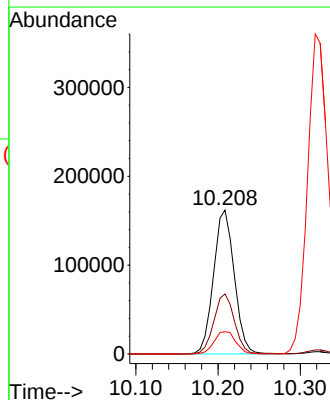
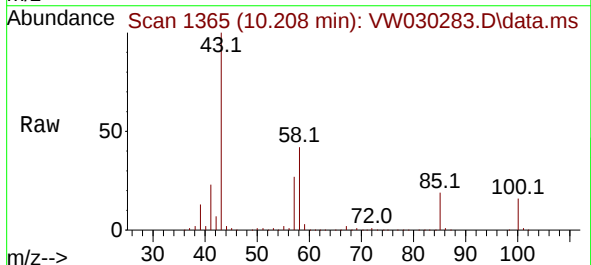
Tgt Ion: 43 Resp: 284294

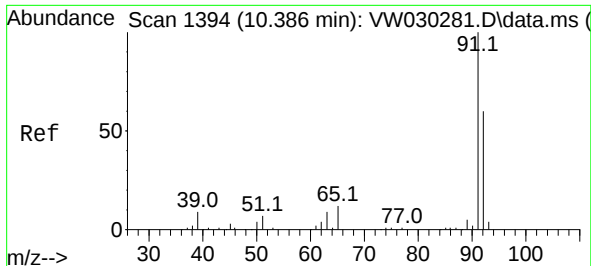
Ion Ratio Lower Upper

43 100

58 41.3 32.6 48.8

100 16.3 12.5 18.7





#42

Toluene

Concen: 98.795 ug/L

RT: 10.385 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

Instrument :

MSVOA_W

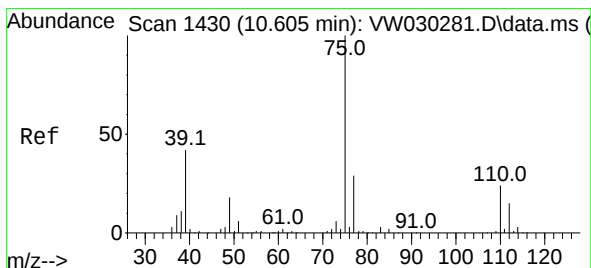
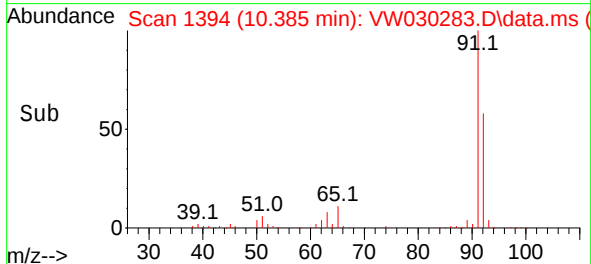
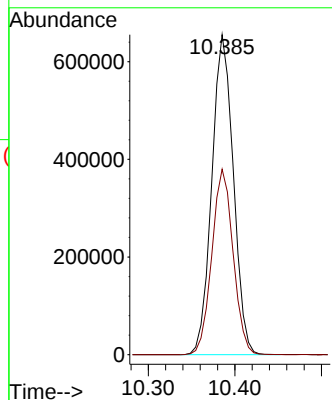
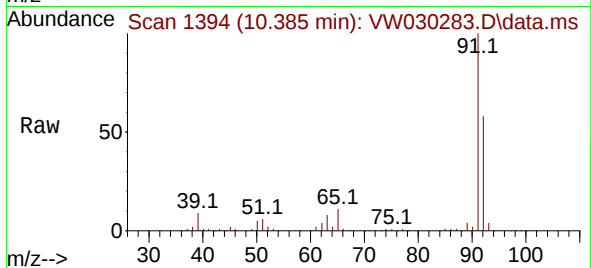
ClientSampleId :

Tgt Ion: 91 Resp: 1130797

Ion Ratio Lower Upper

91 100

92 57.9 42.3 78.5



#44

trans-1,3-Dichloropropene

Concen: 102.472 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030283.D

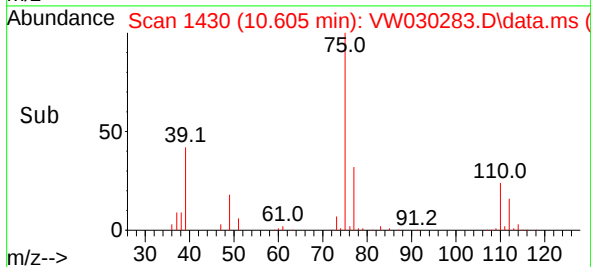
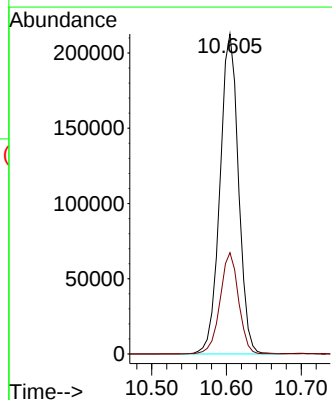
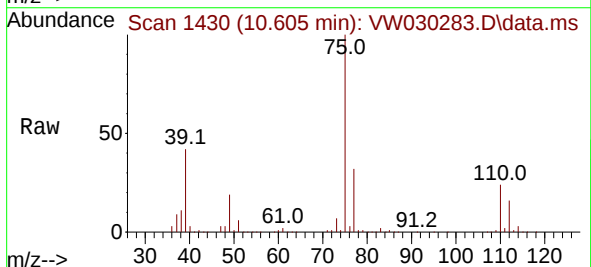
Acq: 27 Sep 2024 16:25

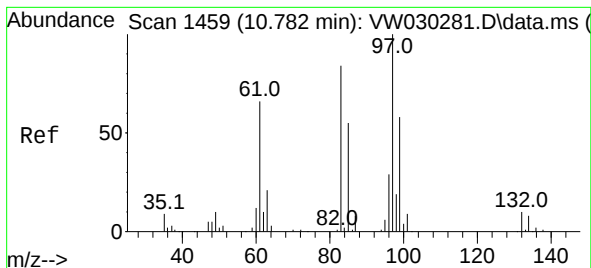
Tgt Ion: 75 Resp: 367269

Ion Ratio Lower Upper

75 100

77 31.7 20.8 38.6





#45

1,1,2-Trichloroethane

Concen: 93.776 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

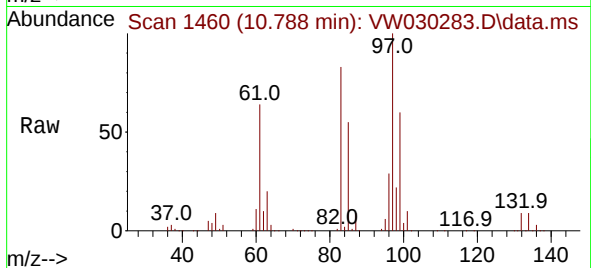
Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 186422

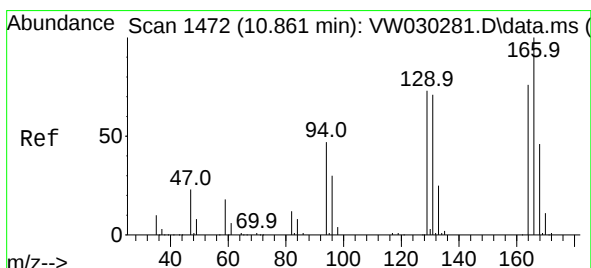
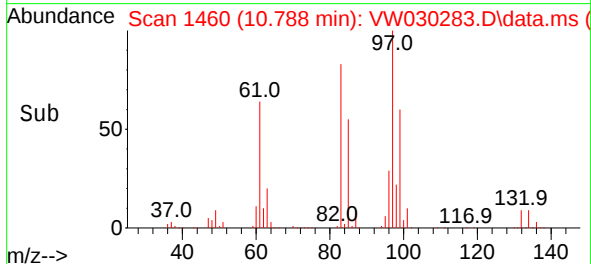
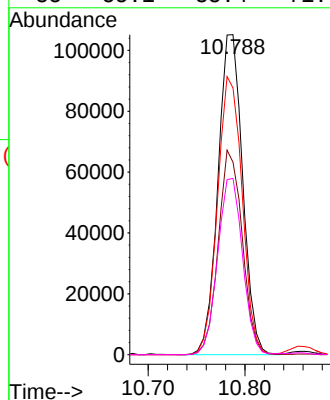
Ion Ratio Lower Upper

97 100

99 60.1 40.8 75.8

83 83.3 59.1 109.7

85 55.1 38.4 71.4



#46

Tetrachloroethene

Concen: 99.231 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.007 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

Tgt Ion: 164 Resp: 211078

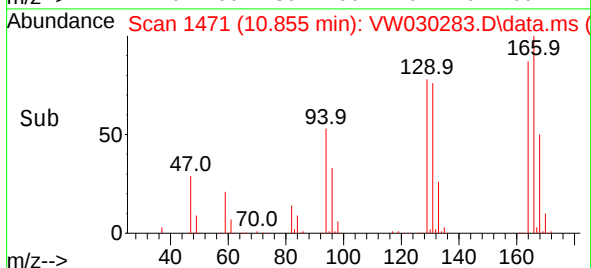
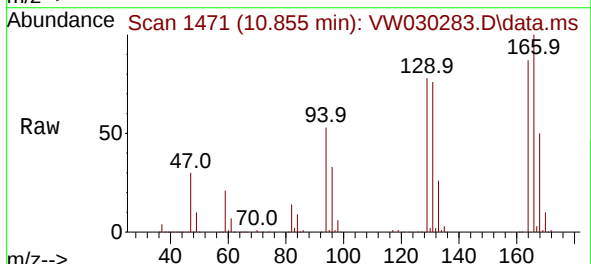
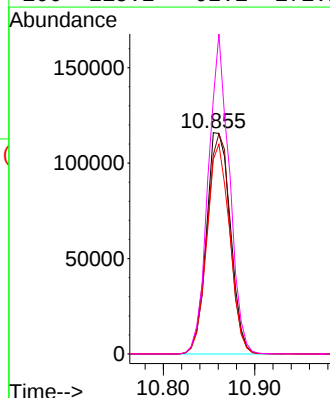
Ion Ratio Lower Upper

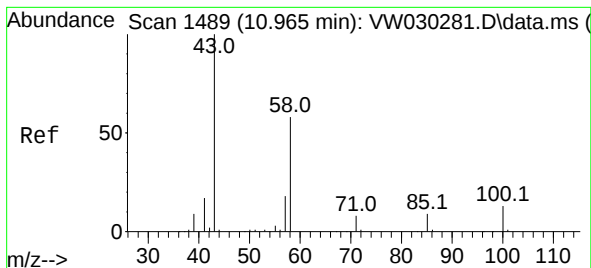
164 100

129 90.0 67.2 124.8

131 87.9 65.9 122.3

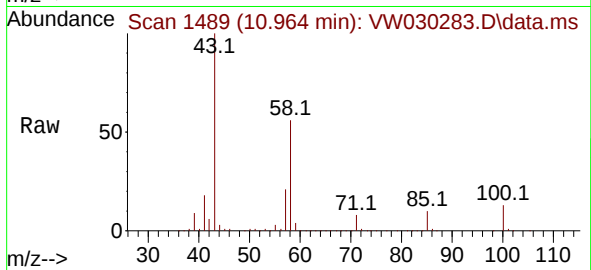
166 115.2 92.1 171.1



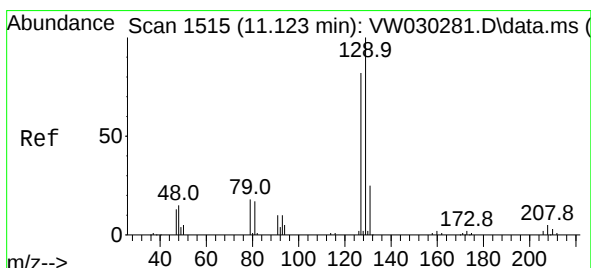
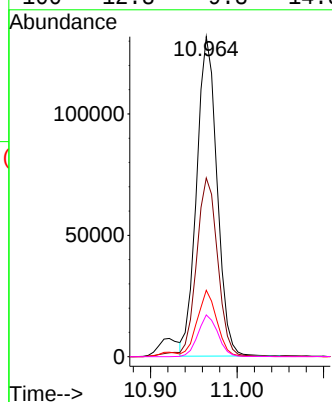
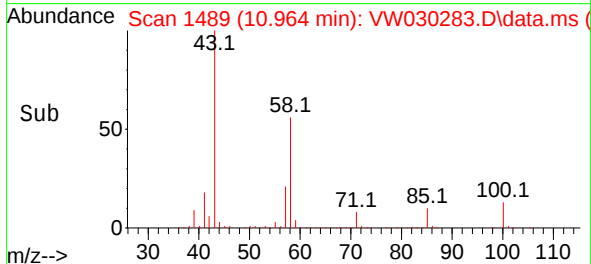


#48
2-Hexanone
Concen: 201.392 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030283.D
Acq: 27 Sep 2024 16:25

Instrument :
MSVOA_W
ClientSampleId :

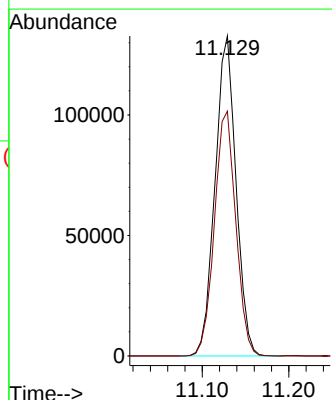
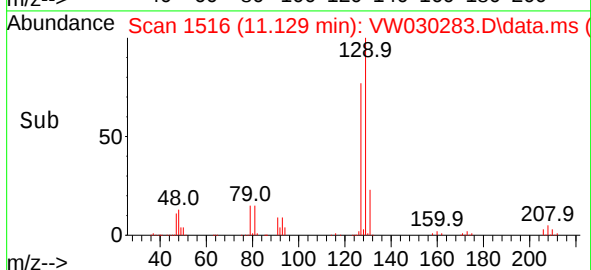
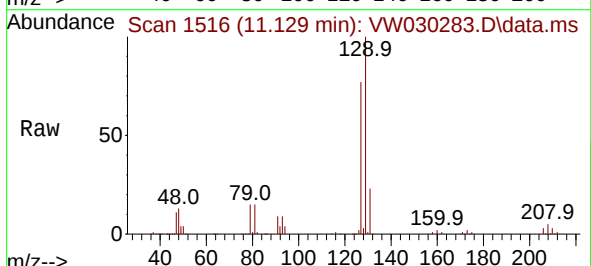


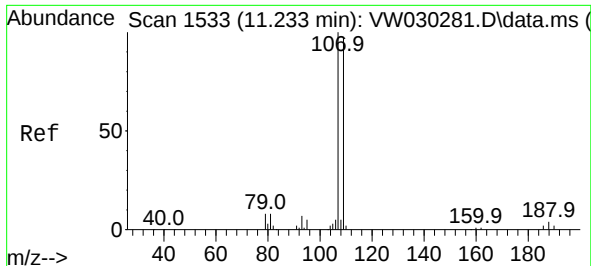
Tgt Ion: 43 Resp: 215170
Ion Ratio Lower Upper
43 100
58 57.2 46.1 69.1
57 20.3 15.3 22.9
100 12.8 9.8 14.8



#49
Dibromochloromethane
Concen: 99.861 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW030283.D
Acq: 27 Sep 2024 16:25

Tgt Ion:129 Resp: 223402
Ion Ratio Lower Upper
129 100
127 76.5 57.2 106.2





#50

1,2-Dibromoethane

Concen: 94.264 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

Instrument :

MSVOA_W

ClientSampleId :

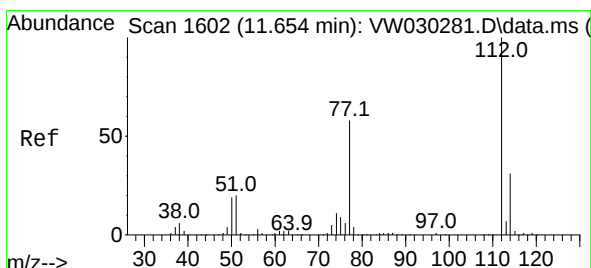
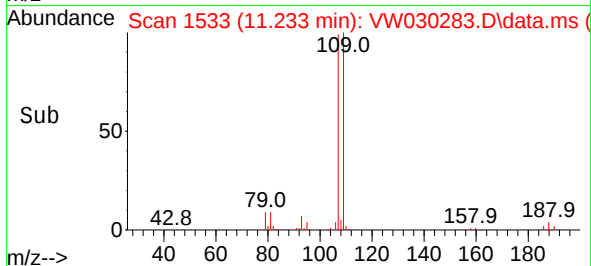
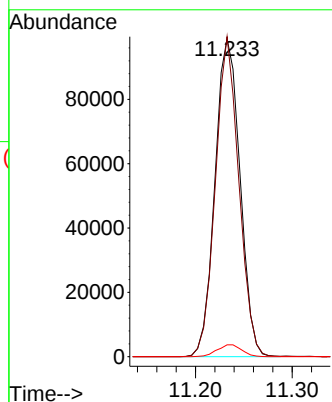
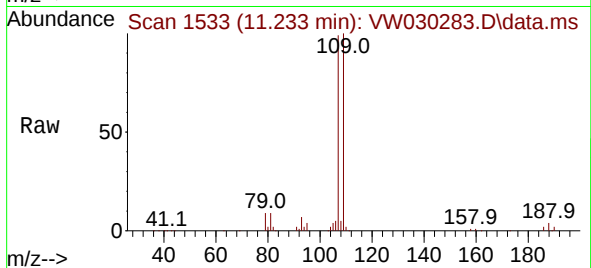
Tgt Ion:107 Resp: 177312

Ion Ratio Lower Upper

107 100

109 100.6 67.8 125.8

188 3.7 2.9 4.3



#51

Chlorobenzene

Concen: 95.282 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

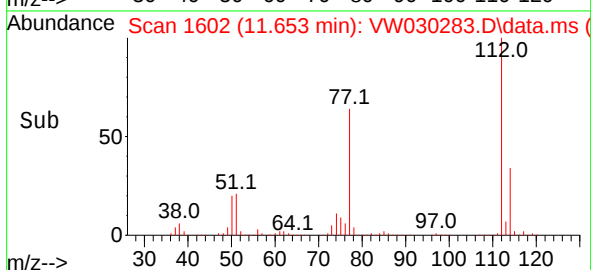
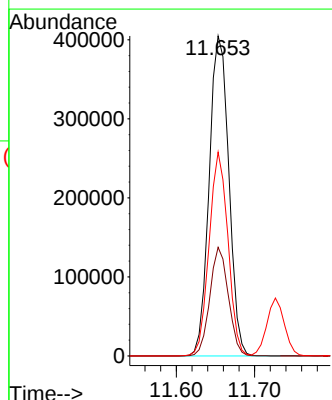
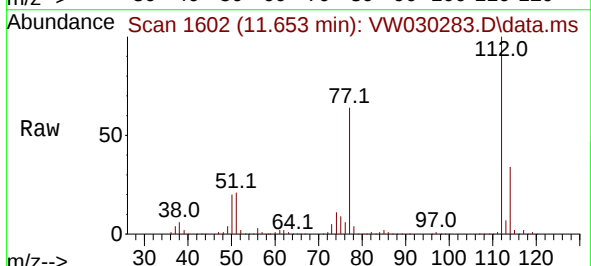
Tgt Ion:112 Resp: 704767

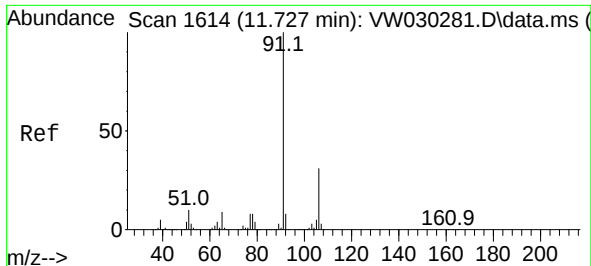
Ion Ratio Lower Upper

112 100

114 34.0 21.5 39.9

77 63.7 46.7 70.1





#52

Ethylbenzene

Concen: 100.259 ug/L

RT: 11.726 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

Instrument :

MSVOA_W

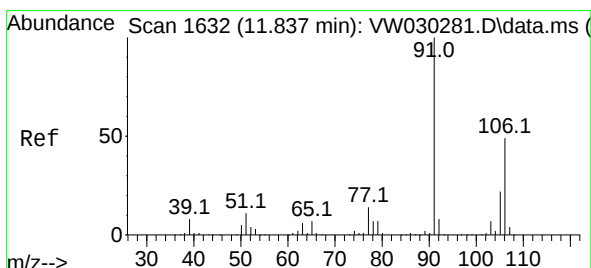
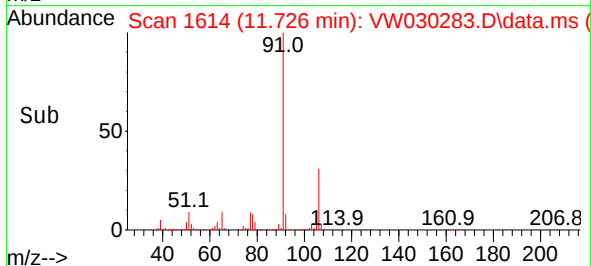
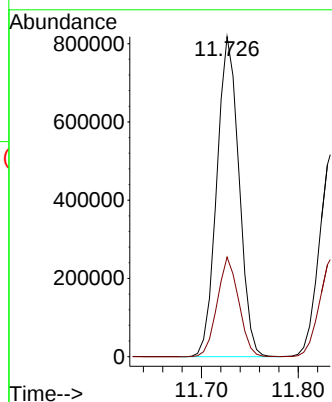
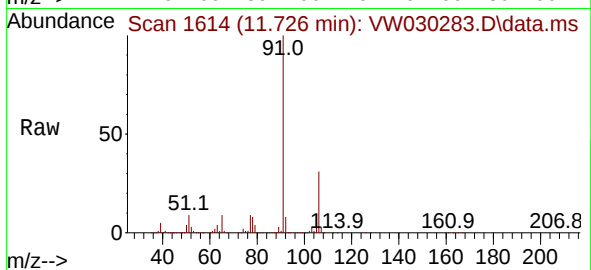
ClientSampleId :

Tgt Ion: 91 Resp: 1300038

Ion Ratio Lower Upper

91 100

106 31.1 21.8 40.6



#53

m,p-Xylene

Concen: 101.090 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030283.D

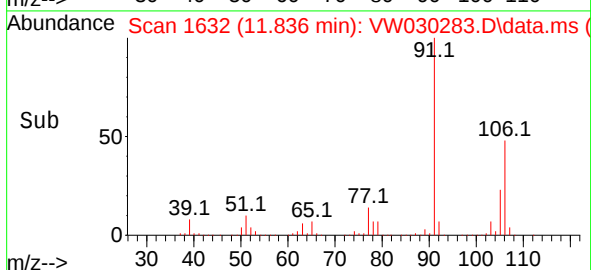
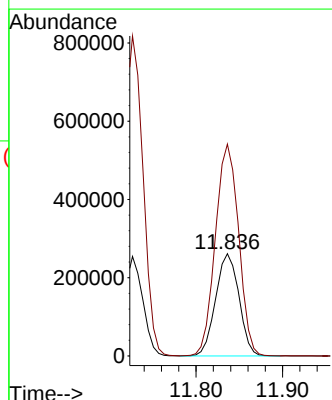
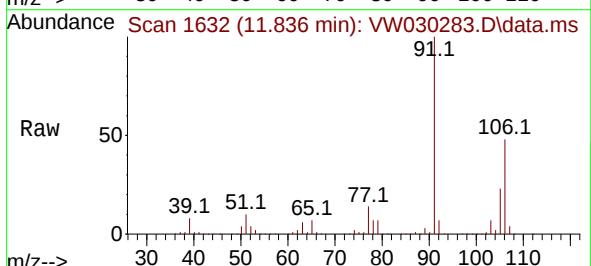
Acq: 27 Sep 2024 16:25

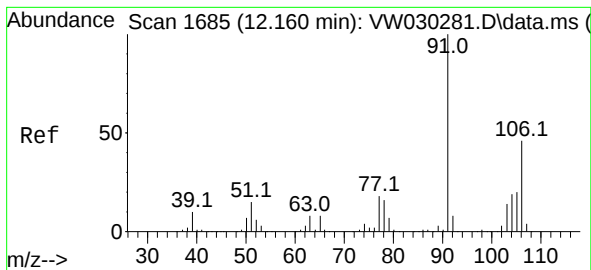
Tgt Ion:106 Resp: 489326

Ion Ratio Lower Upper

106 100

91 207.0 144.4 268.2

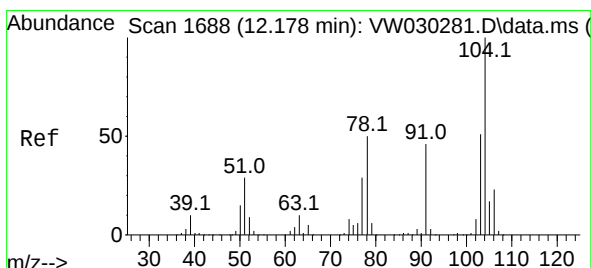
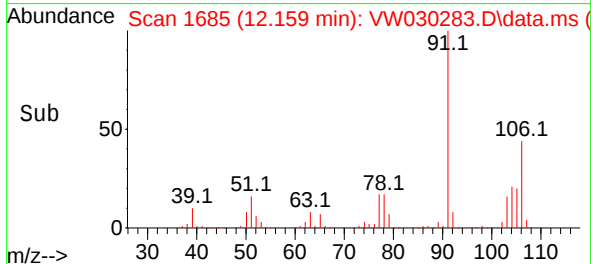
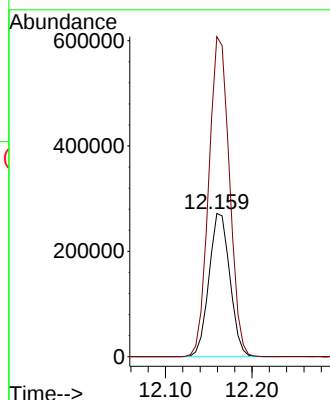
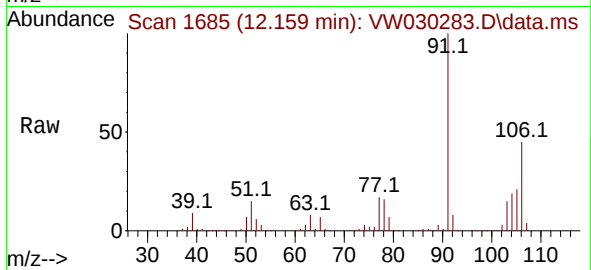




#54
o-Xylene
Concen: 98.857 ug/L
RT: 12.159 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW030283.D
Acq: 27 Sep 2024 16:25

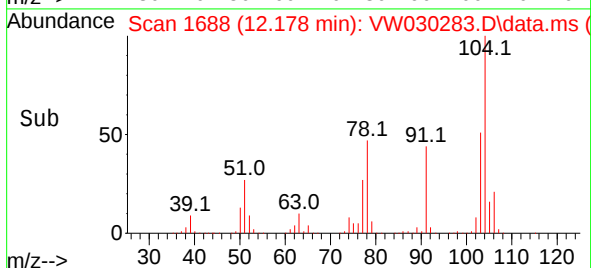
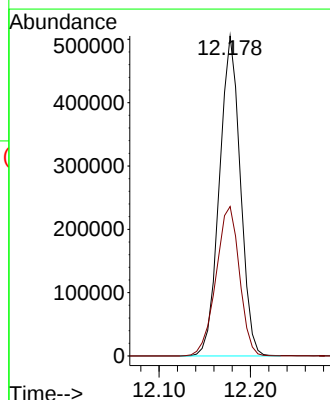
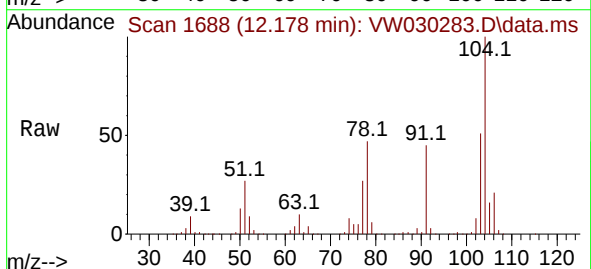
Instrument :
MSVOA_W
ClientSampleId :

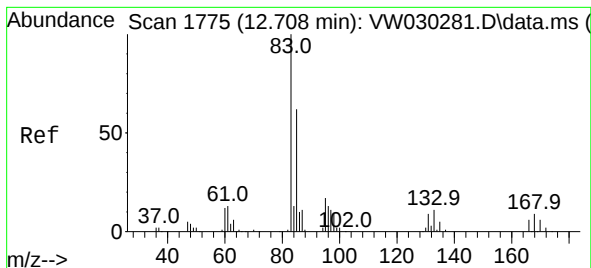
Tgt Ion:106 Resp: 455453
Ion Ratio Lower Upper
106 100
91 223.4 153.6 285.2



#55
Styrene
Concen: 102.302 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030283.D
Acq: 27 Sep 2024 16:25

Tgt Ion:104 Resp: 804037
Ion Ratio Lower Upper
104 100
78 46.7 34.6 64.3

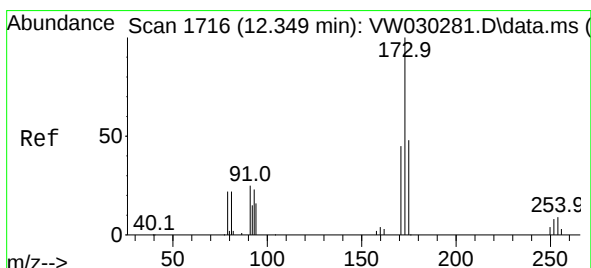
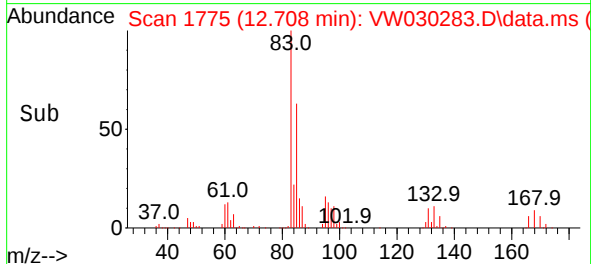
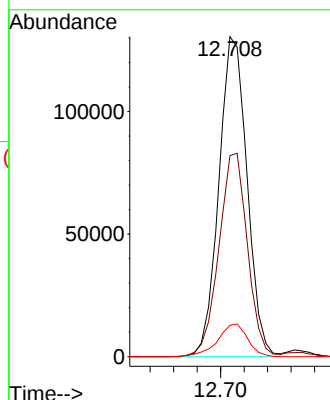
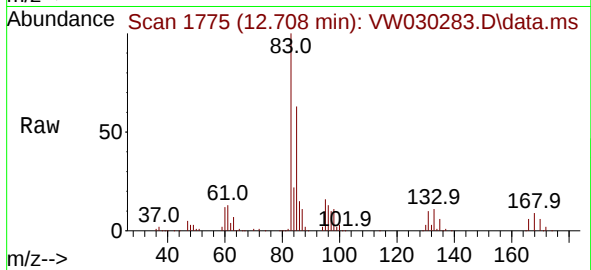




#57
1,1,2,2-Tetrachloroethane
Concen: 93.526 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW030283.D
Acq: 27 Sep 2024 16:25

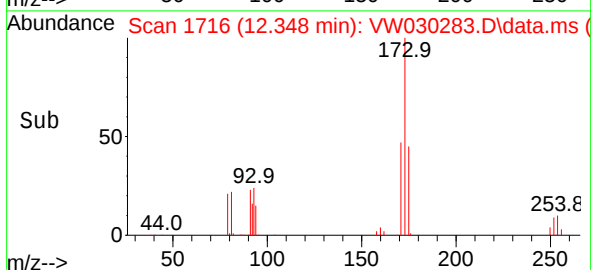
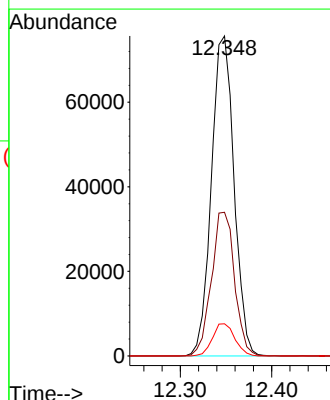
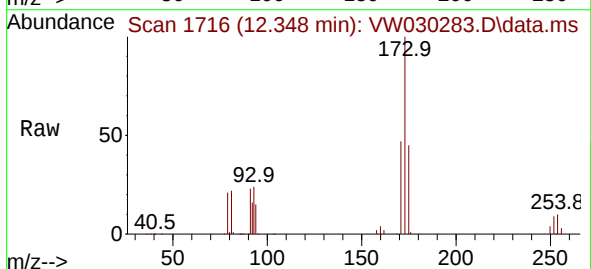
Instrument :
MSVOA_W
ClientSampleId :

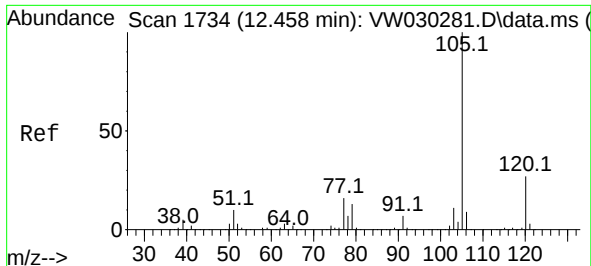
Tgt Ion: 83 Resp: 217749
Ion Ratio Lower Upper
83 100
85 62.9 43.9 81.5
131 9.8 7.1 10.7



#59
Bromoform
Concen: 99.770 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW030283.D
Acq: 27 Sep 2024 16:25

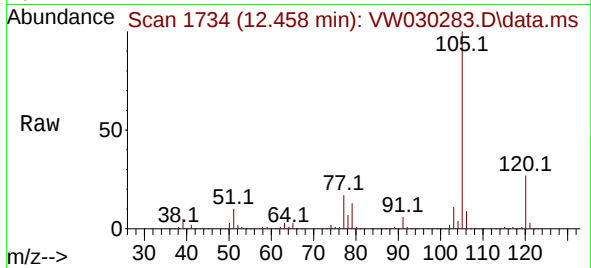
Tgt Ion:173 Resp: 130336
Ion Ratio Lower Upper
173 100
175 45.8 38.7 58.1
254 9.9 7.4 11.2



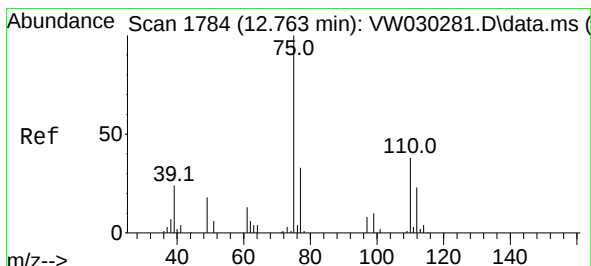
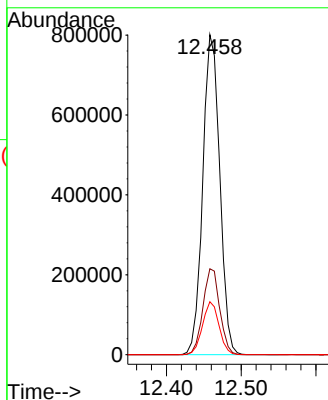
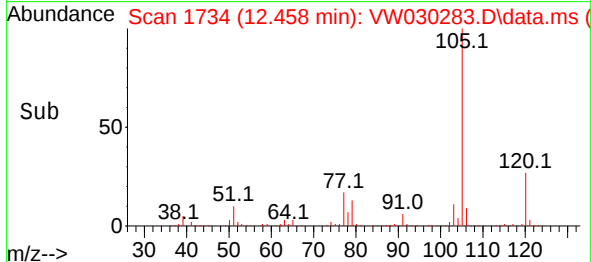


#60
Isopropylbenzene
Concen: 98.696 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW030283.D
Acq: 27 Sep 2024 16:25

Instrument :
MSVOA_W
ClientSampleId :

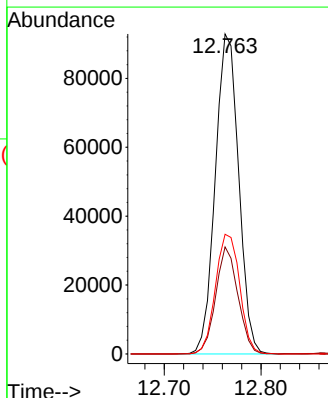
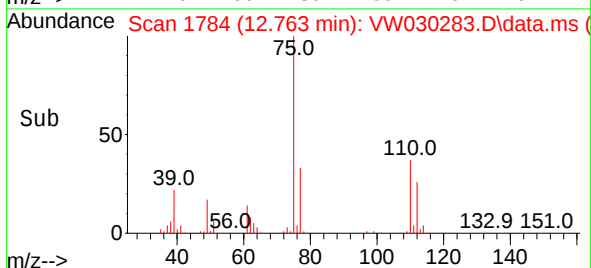
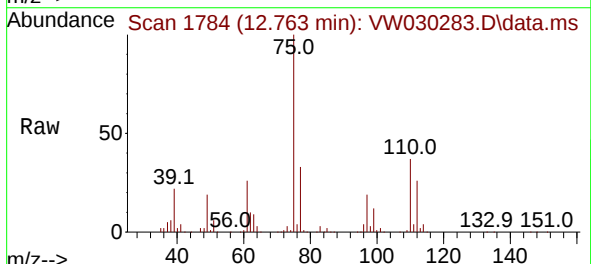


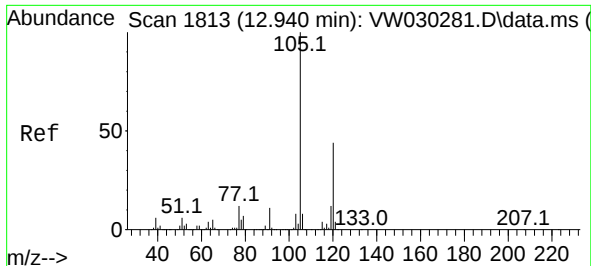
Tgt Ion:105 Resp: 1263206
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 16.1 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 90.871 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW030283.D
Acq: 27 Sep 2024 16:25

Tgt Ion: 75 Resp: 155774
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
110 38.8 30.8 46.2





#62

1,3,5-Trimethylbenzene

Concen: 102.078 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

Instrument :

MSVOA_W

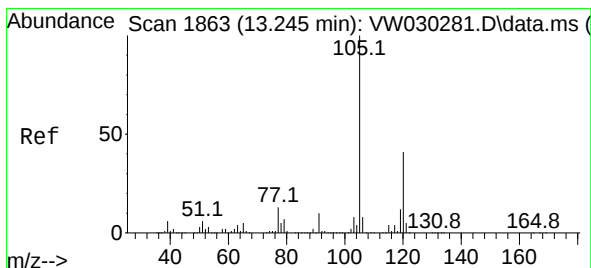
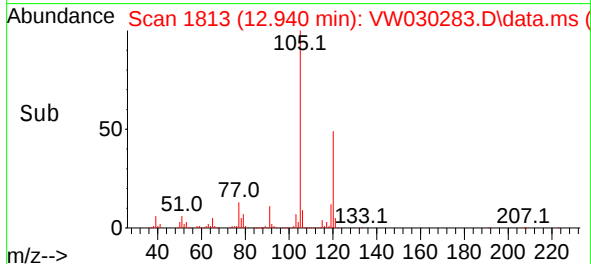
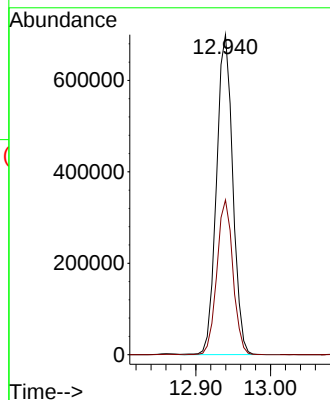
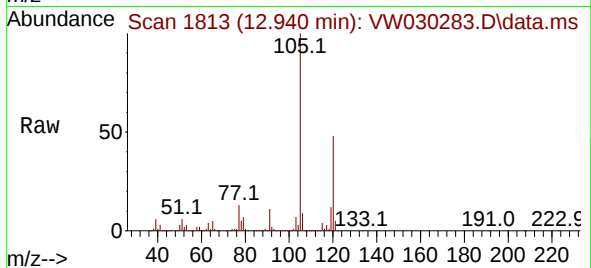
ClientSampleId :

Tgt Ion:105 Resp: 1056766

Ion Ratio Lower Upper

105 100

120 47.8 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 99.453 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW030283.D

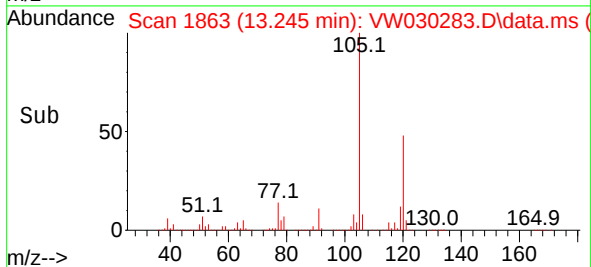
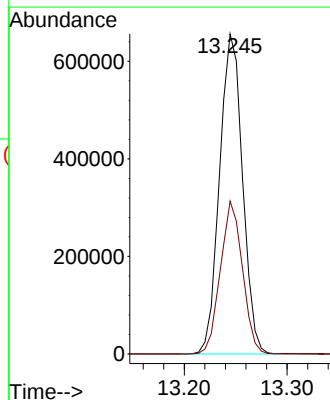
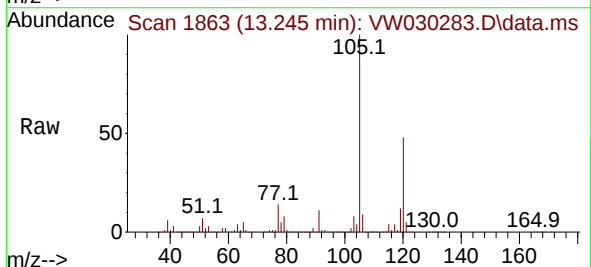
Acq: 27 Sep 2024 16:25

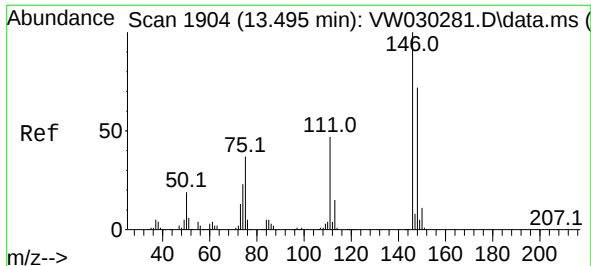
Tgt Ion:105 Resp: 1017247

Ion Ratio Lower Upper

105 100

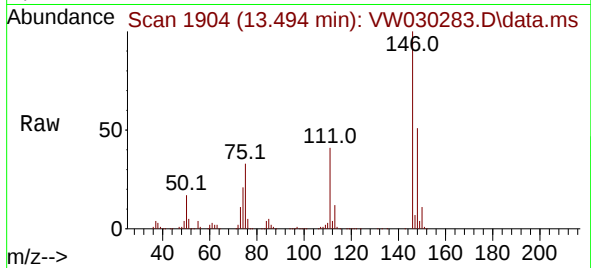
120 45.8 34.4 51.6



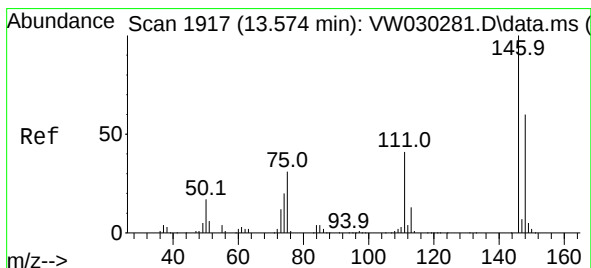
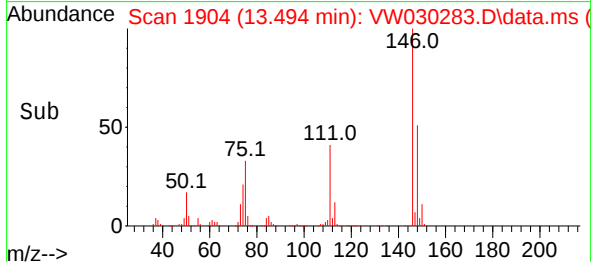
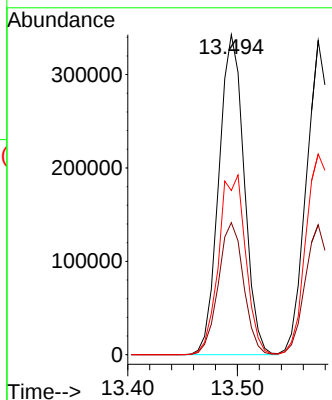


#64
1,3-Dichlorobenzene
Concen: 96.108 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030283.D
Acq: 27 Sep 2024 16:25

Instrument :
MSVOA_W
ClientSampleId :

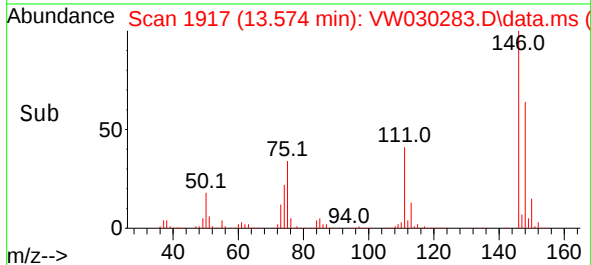
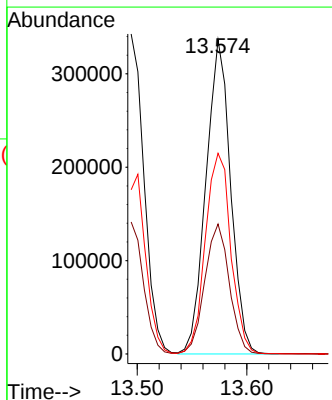
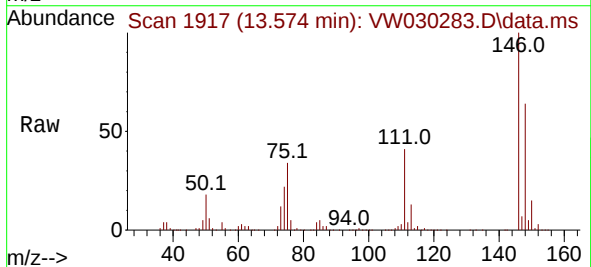


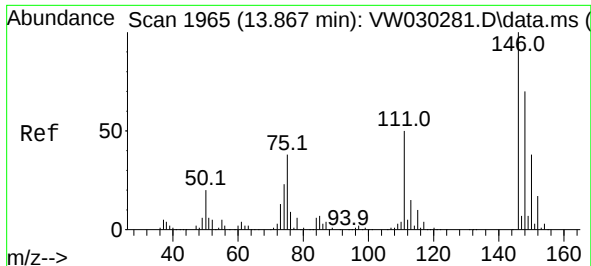
Tgt Ion:146 Resp: 549713
Ion Ratio Lower Upper
146 100
111 41.3 33.2 61.6
148 51.3 50.4 93.6



#65
1,4-Dichlorobenzene
Concen: 90.004 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030283.D
Acq: 27 Sep 2024 16:25

Tgt Ion:146 Resp: 525902
Ion Ratio Lower Upper
146 100
111 41.4 29.1 54.1
148 63.9 42.1 78.1





#67

1,2-Dichlorobenzene

Concen: 94.729 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

Instrument :

MSVOA_W

ClientSampleId :

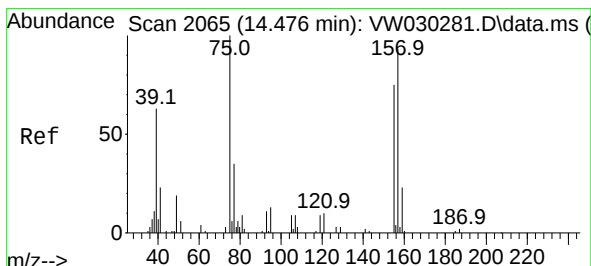
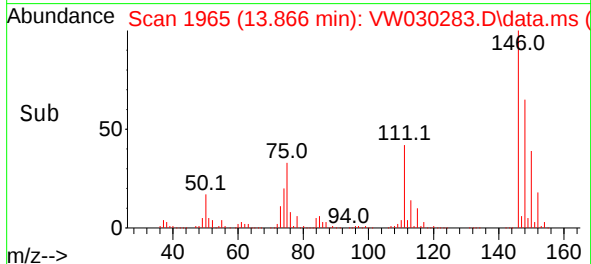
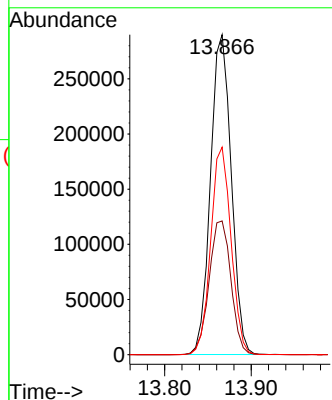
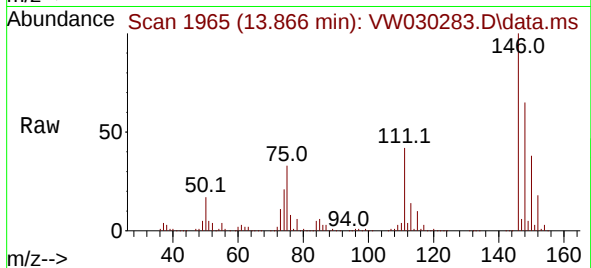
Tgt Ion:146 Resp: 483045

Ion Ratio Lower Upper

146 100

111 41.8 40.1 60.1

148 64.8 55.7 83.5



#68

1,2-Dibromo-3-chloropropane

Concen: 91.955 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

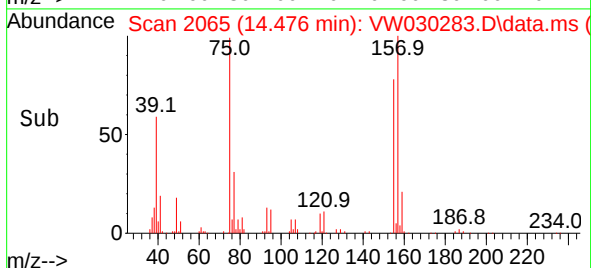
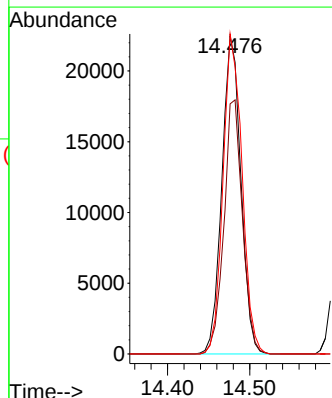
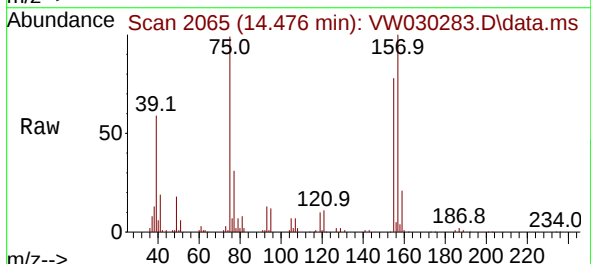
Tgt Ion: 75 Resp: 36117

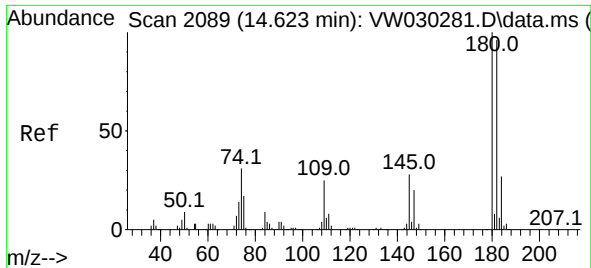
Ion Ratio Lower Upper

75 100

155 78.7 60.1 90.1

157 100.7 74.3 111.5





#69

1,3,5-Trichlorobenzene

Concen: 92.410 ug/L

RT: 14.628 min Scan# 2089

Delta R.T. 0.006 min

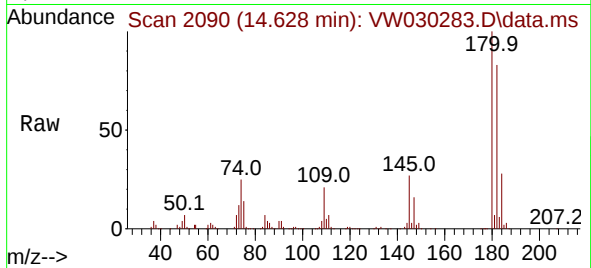
Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 364813

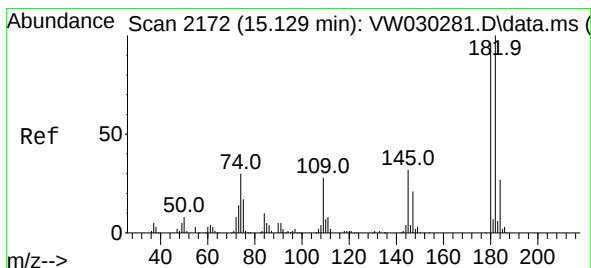
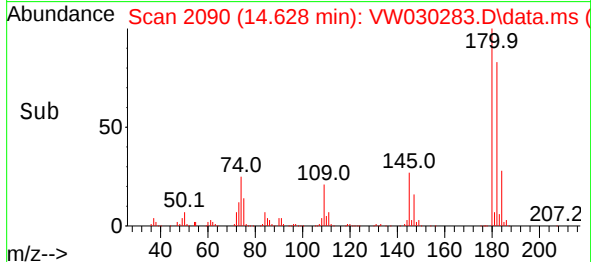
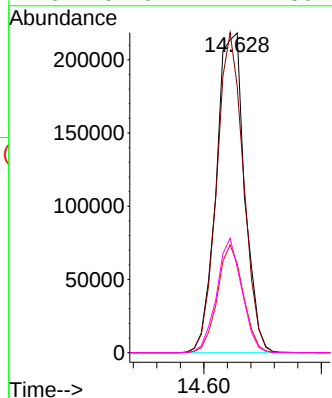
Ion Ratio Lower Upper

180 100

182 94.4 77.4 116.2

184 30.8 24.5 36.7

145 31.9 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 96.739 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW030283.D

Acq: 27 Sep 2024 16:25

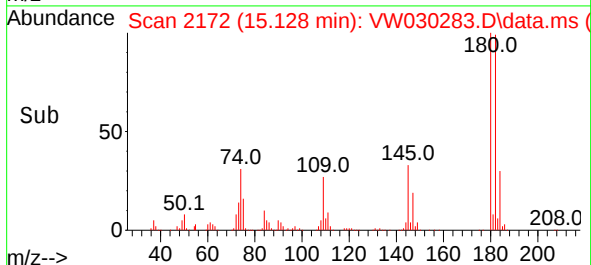
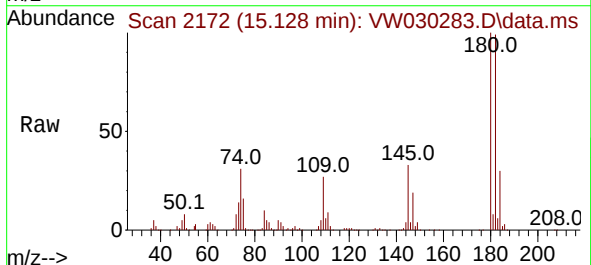
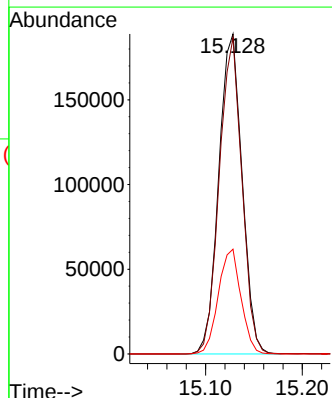
Tgt Ion:180 Resp: 316196

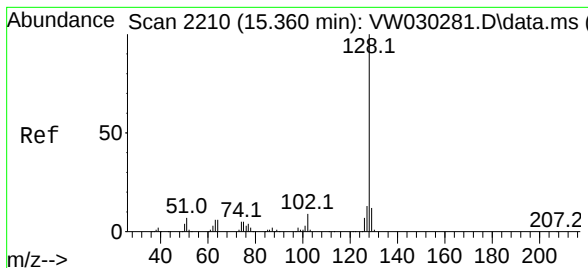
Ion Ratio Lower Upper

180 100

182 95.5 77.2 115.8

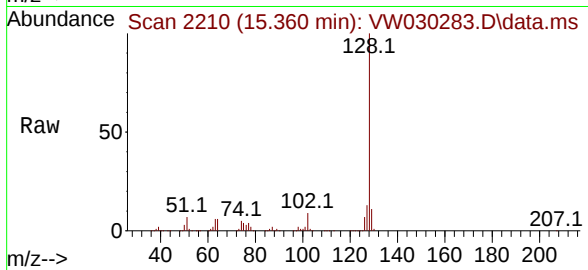
145 31.8 25.3 37.9



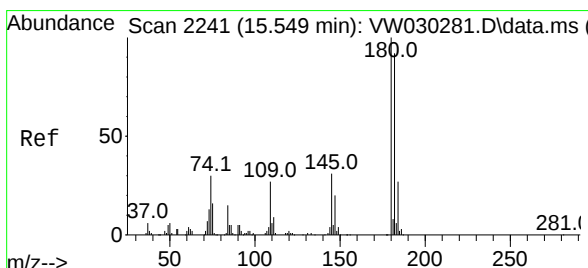
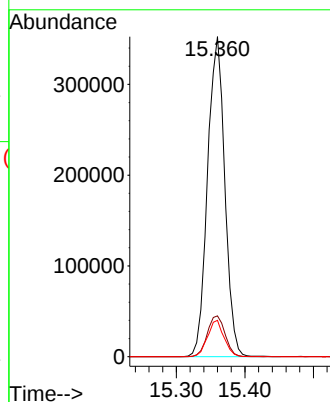
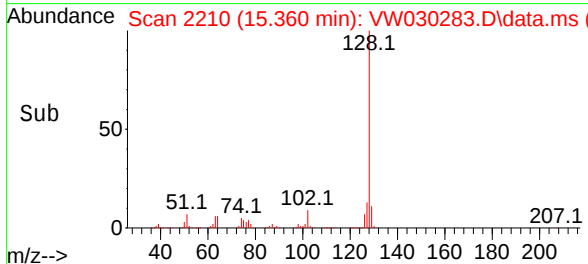


#71
Naphthalene
Concen: 103.294 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW030283.D
Acq: 27 Sep 2024 16:25

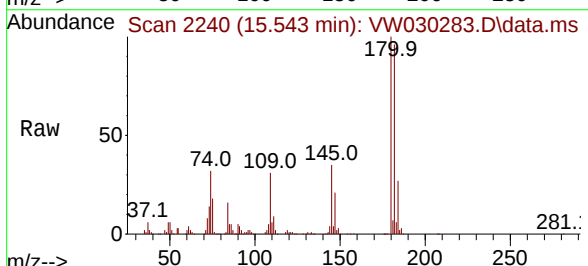
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 617548
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 93.115 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.007 min
Lab File: VW030283.D
Acq: 27 Sep 2024 16:25



Tgt Ion:180 Resp: 266403
Ion Ratio Lower Upper
180 100
182 99.6 75.6 113.4
145 35.1 25.6 38.4

