

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092724\
 Data File : VW030281.D
 Acq On : 27 Sep 2024 15:37
 Operator : SY/MD
 Sample : VSTD02505
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 28 01:46:14 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	198500	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	188245	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	95847	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	37128	23.936	ug/L	0.00
7) Chloroethane-d5	2.899	69	27722	24.563	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	28269	24.967	ug/L	0.00
21) 2-Butanone-d5	7.075	46	30911	49.554	ug/L	0.00
24) Chloroform-d	7.648	84	133972	25.123	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	70798	25.435	ug/L	0.00
32) Benzene-d6	8.276	84	263587	24.983	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	78794	24.831	ug/L	0.00
41) Toluene-d8	10.319	98	244841	25.308	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	33549	25.418	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	27467	52.418	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	59218	24.974	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	81039	25.466	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	54050	24.911	ug/L	100
3) Chloromethane	2.223	50	41349	24.327	ug/L	100
5) Vinyl chloride	2.375	62	44362	24.552	ug/L	100
6) Bromomethane	2.789	94	28878	24.013	ug/L	100
8) Chloroethane	2.930	64	24927	24.964	ug/L	100
9) Trichlorofluoromethane	3.271	101	60410	25.953	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	58688	24.738	ug/L	100
12) 1,1-Dichloroethene	4.045	96	58310	25.284	ug/L	100
13) Acetone	4.119	43	34118	50.875	ug/L	100
14) Carbon disulfide	4.393	76	194218	25.325	ug/L	100
15) Methyl Acetate	4.673	43	26906	24.930	ug/L	100
16) Methylene chloride	4.923	84	67605	22.128	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	67553	25.233	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	107760	25.307	ug/L	100
19) 1,1-Dichloroethane	6.216	63	130279	25.554	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	74623	25.229	ug/L	100
22) 2-Butanone	7.167	43	42782	49.715	ug/L	100
23) Bromochloromethane	7.514	128	31363	24.288	ug/L	100
25) Chloroform	7.679	83	132924	25.140	ug/L	100
27) 1,2-Dichloroethane	8.398	62	87672	25.003	ug/L	100
29) Cyclohexane	7.959	56	107403	25.883	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	110760	25.400	ug/L	100
31) Carbon tetrachloride	8.069	117	98829	25.358	ug/L	100
33) Benzene	8.325	78	287732	25.095	ug/L	100
34) Trichloroethene	9.093	95	76618	25.122	ug/L	100
35) Methylcyclohexane	9.331	83	125595	26.834	ug/L	100
37) 1,2-Dichloropropane	9.368	63	75015	24.797	ug/L	100
38) Bromodichloromethane	9.642	83	94429	24.862	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	116465	25.108	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	79134	50.857	ug/L	100
42) Toluene	10.386	91	313283	25.523	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	96306	25.056	ug/L	100

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

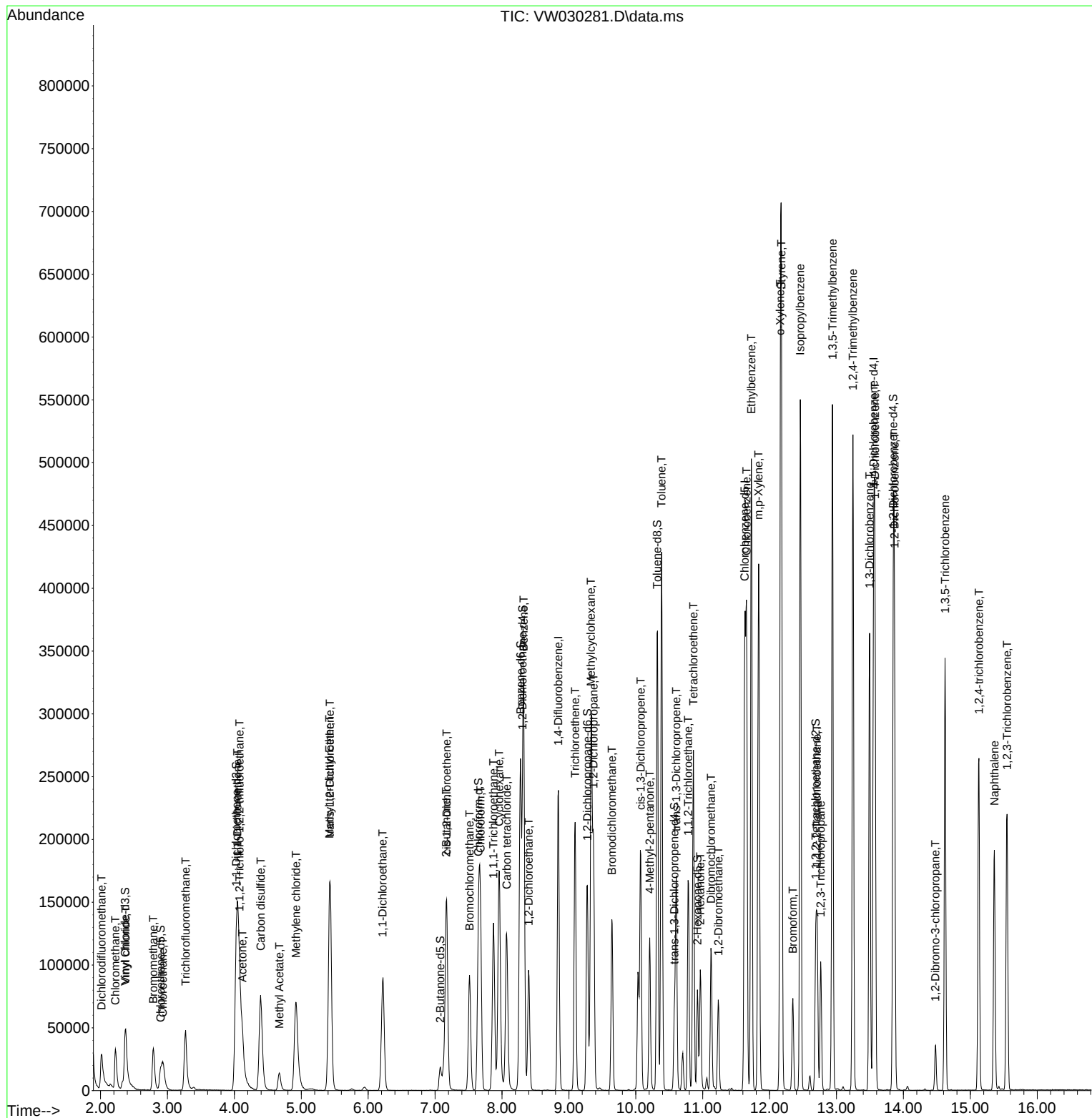
45) 1,1,2-Trichloroethane	10.782	97	52917	24.822	ug/L	100
46) Tetrachloroethene	10.861	164	58226	25.525	ug/L	100
48) 2-Hexanone	10.965	43	60537	52.835	ug/L	100
49) Dibromochloromethane	11.123	129	59254	24.698	ug/L	100
50) 1,2-Dibromoethane	11.233	107	48854	24.219	ug/L	100
51) Chlorobenzene	11.654	112	195814	24.686	ug/L	100
52) Ethylbenzene	11.727	91	359228	25.833	ug/L	100
53) m,p-Xylene	11.837	106	131255	25.285	ug/L	100
54) o-Xylene	12.160	106	126991	25.703	ug/L	100
55) Styrene	12.178	104	218604	25.936	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	59983	24.024	ug/L	100
59) Bromoform	12.349	173	34817	25.074	ug/L	100
60) Isopropylbenzene	12.458	105	348374	25.608	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	43828	24.054	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	293597	26.681	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	284863	26.201	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	145796	23.981	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	154567	24.887	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	127054	23.441	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	10098	24.188	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	100478	23.945	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	83762	24.110	ug/L	100
71) Naphthalene	15.360	128	158715	24.976	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	76248	25.073	ug/L	100

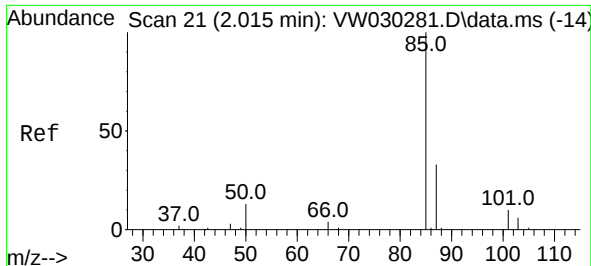
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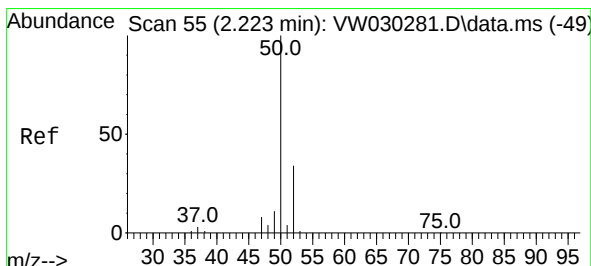
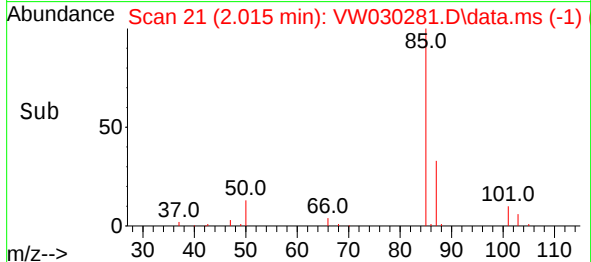
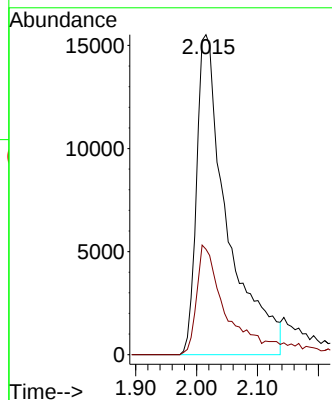
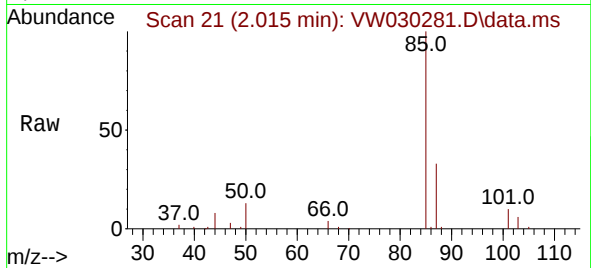




#2
 Dichlorodifluoromethane
 Concen: 24.911 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030281.D
 Acq: 27 Sep 2024 15:37

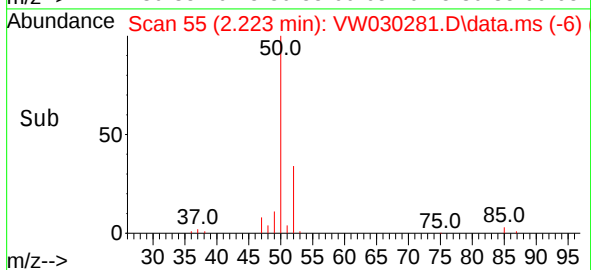
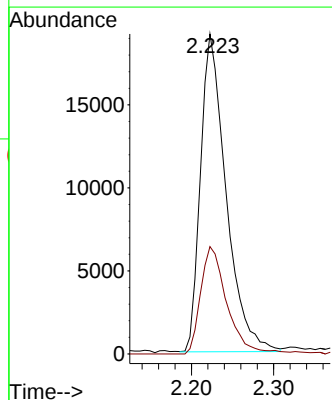
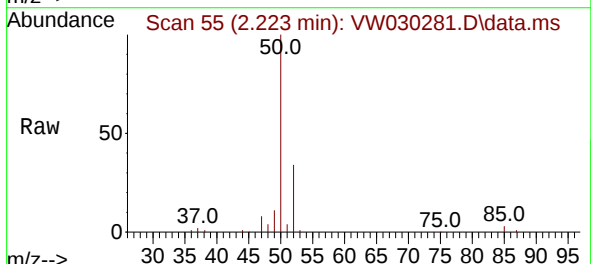
Instrument :
 MSVOA_W
 ClientSampleId :

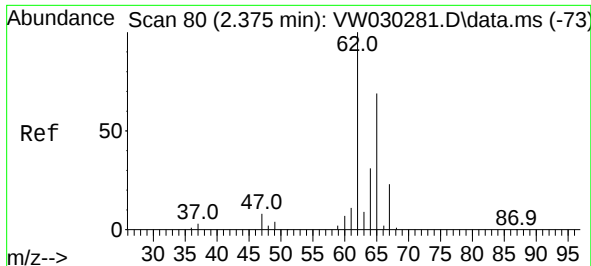
Tgt Ion: 85 Resp: 54050
 Ion Ratio Lower Upper
 85 100
 87 30.0 24.0 36.0



#3
 Chloromethane
 Concen: 24.327 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030281.D
 Acq: 27 Sep 2024 15:37

Tgt Ion: 50 Resp: 41349
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.5 43.7

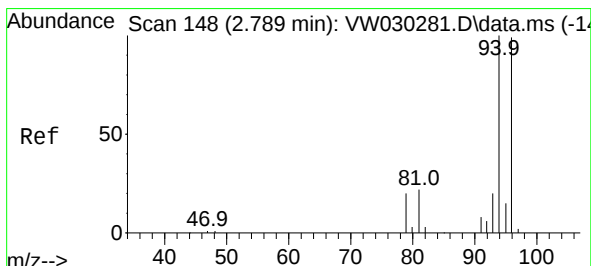
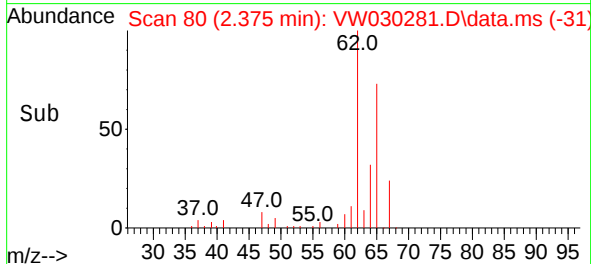
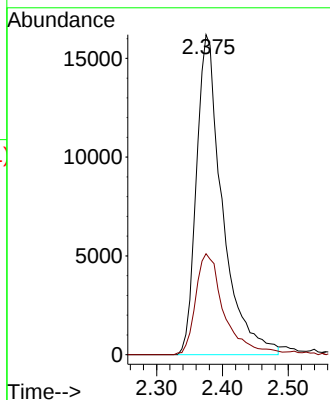
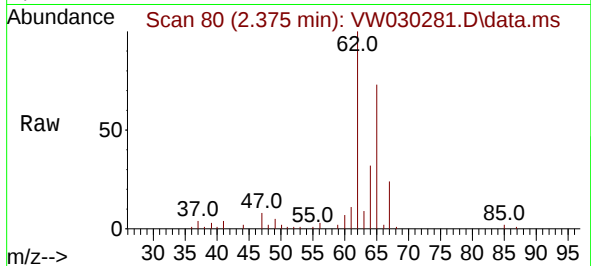




#5
 Vinyl chloride
 Concen: 24.552 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030281.D
 Acq: 27 Sep 2024 15:37

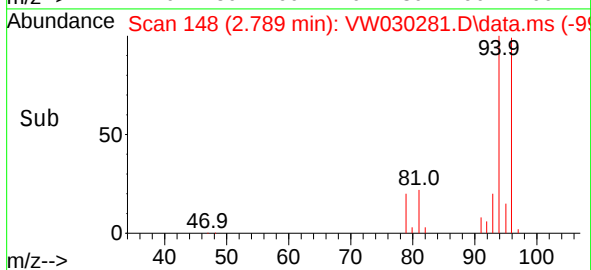
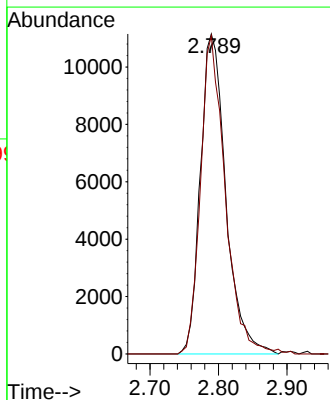
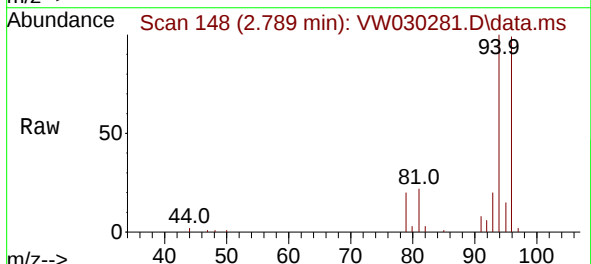
Instrument :
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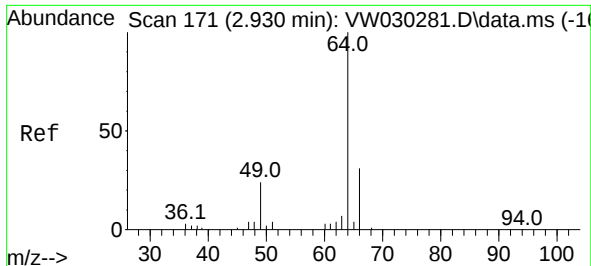
Tgt Ion: 62 Resp: 44362
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.1 41.1



#6
 Bromomethane
 Concen: 24.013 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030281.D
 Acq: 27 Sep 2024 15:37

Tgt Ion: 94 Resp: 28878
 Ion Ratio Lower Upper
 94 100
 96 99.5 69.7 129.4

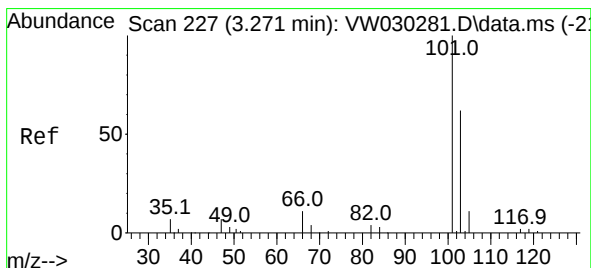
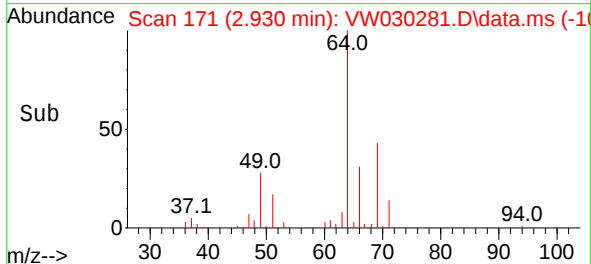
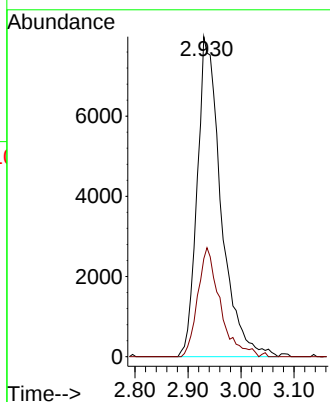
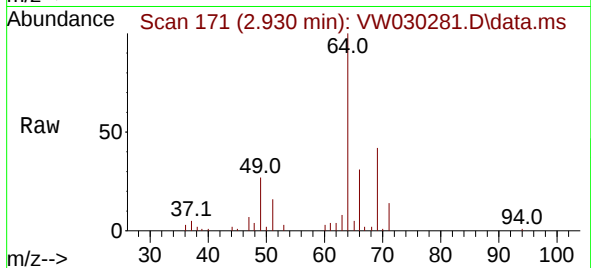




#8
Chloroethane
Concen: 24.964 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW030281.D
Acq: 27 Sep 2024 15:37

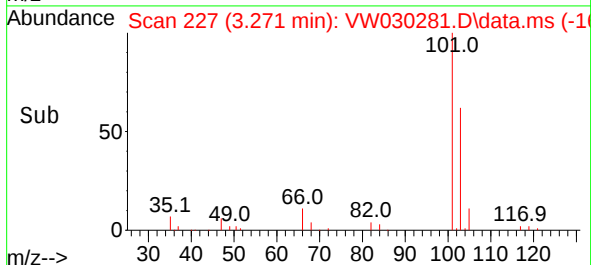
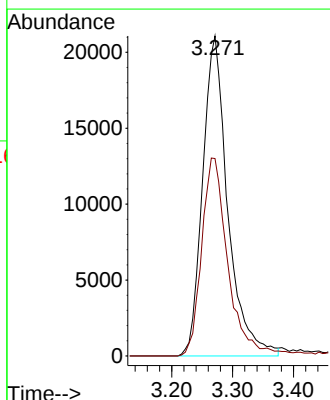
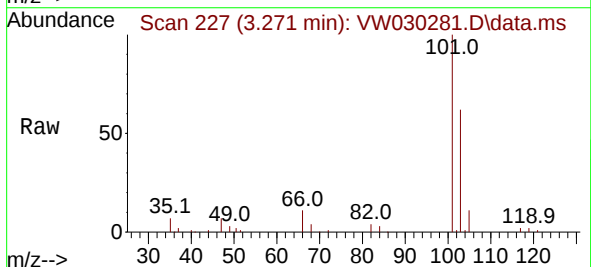
Instrument :
MSVOA_W
ClientSampleId :

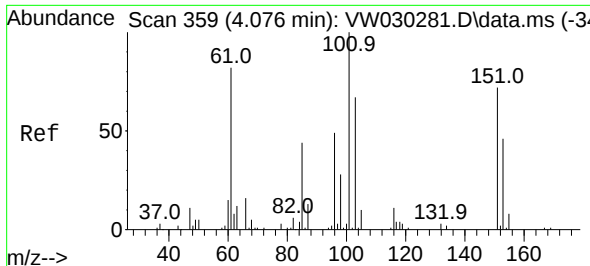
Tgt Ion: 64 Resp: 24927
Ion Ratio Lower Upper
64 100
66 30.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 25.953 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030281.D
Acq: 27 Sep 2024 15:37

Tgt Ion: 101 Resp: 60410
Ion Ratio Lower Upper
101 100
103 62.8 50.2 75.4





#10

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

Concen: 24.738 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

Instrument :

MSVOA_W

ClientSampleId :

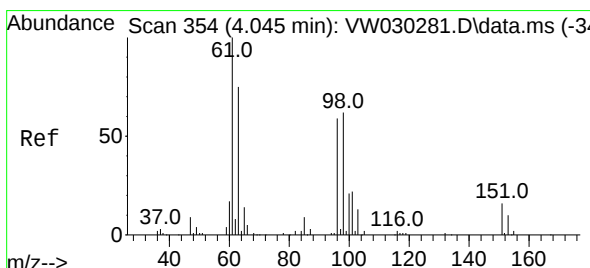
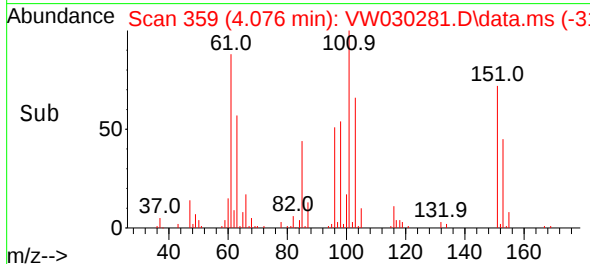
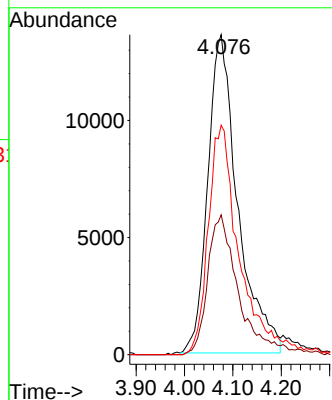
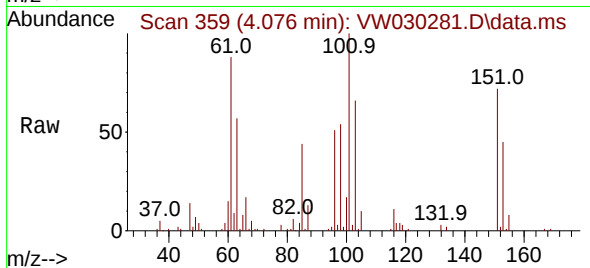
Tgt Ion:101 Resp: 58688

Ion Ratio Lower Upper

101 100

85 38.1 30.5 45.7

151 66.1 52.9 79.3



#12

1,1-Dichloroethene

Concen: 25.284 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

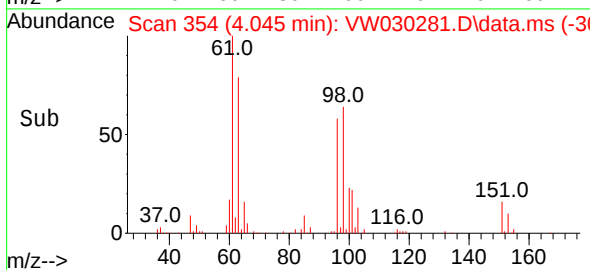
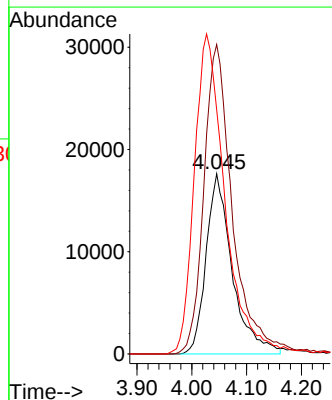
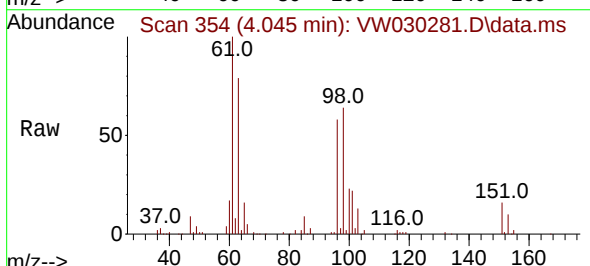
Tgt Ion: 96 Resp: 58310

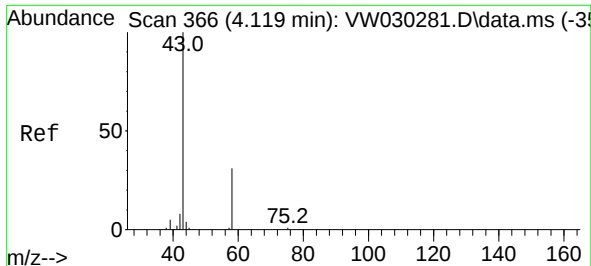
Ion Ratio Lower Upper

96 100

61 171.6 120.1 223.1

63 135.5 94.8 176.2

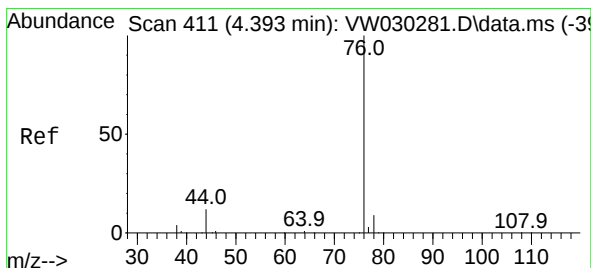
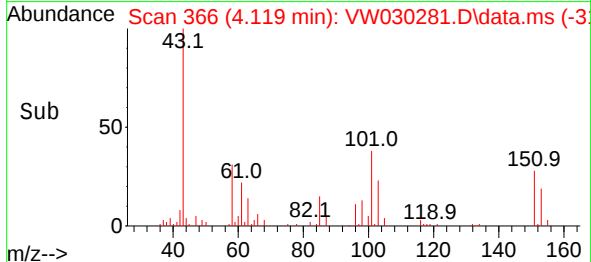
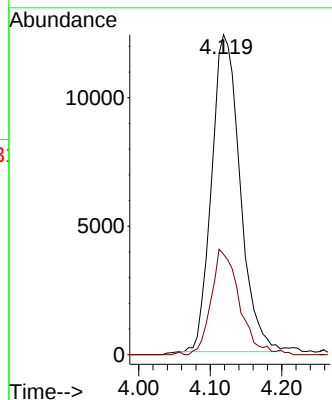
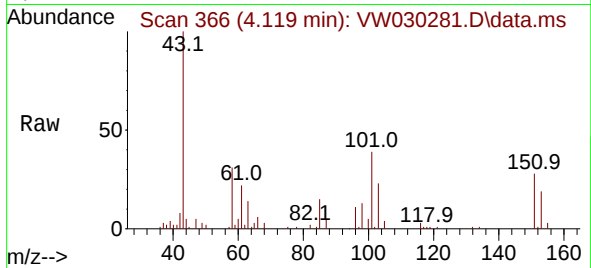




#13
Acetone
Concen: 50.875 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW030281.D
Acq: 27 Sep 2024 15:37

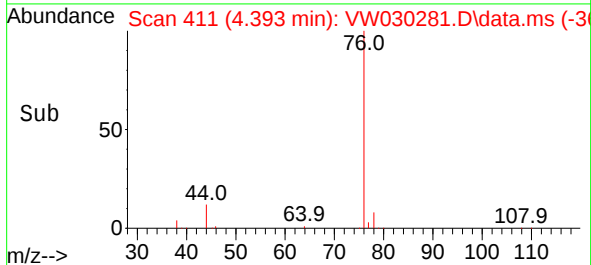
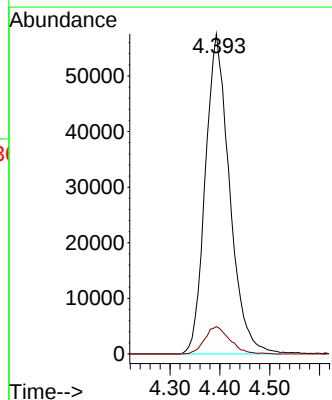
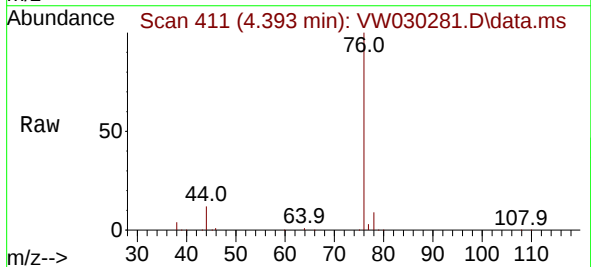
Instrument :
MSVOA_W
ClientSampleId :

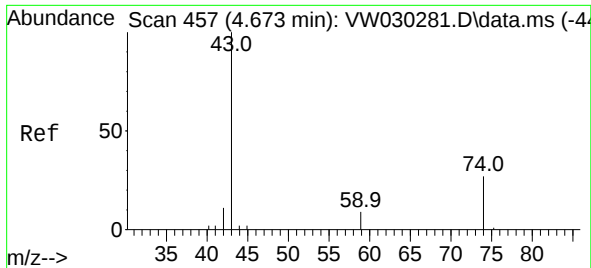
Tgt Ion: 43 Resp: 34118
Ion Ratio Lower Upper
43 100
58 32.0 0.0 64.0



#14
Carbon disulfide
Concen: 25.325 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW030281.D
Acq: 27 Sep 2024 15:37

Tgt Ion: 76 Resp: 194218
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2

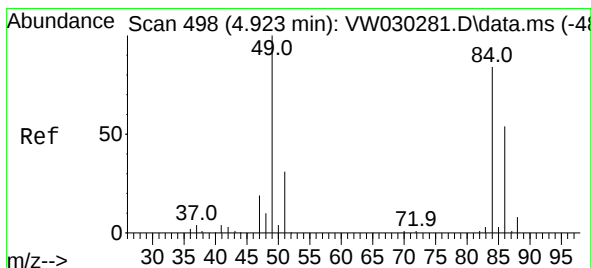
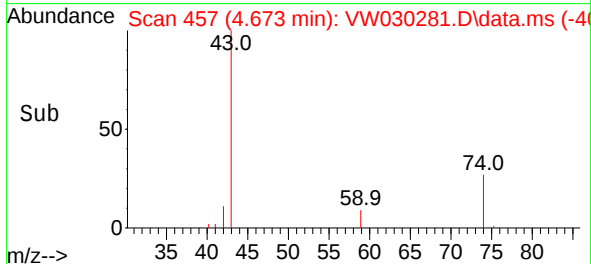
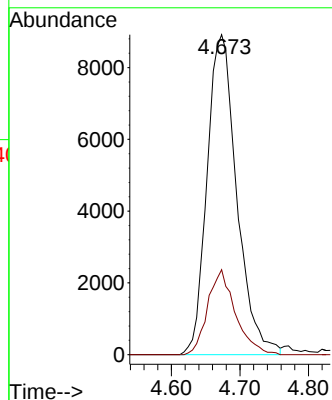
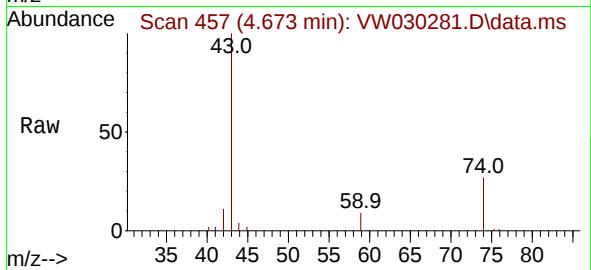




#15
Methyl Acetate
Concen: 24.930 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW030281.D
Acq: 27 Sep 2024 15:37

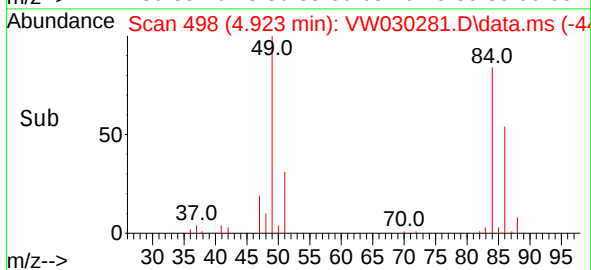
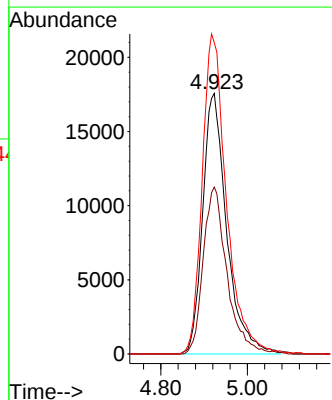
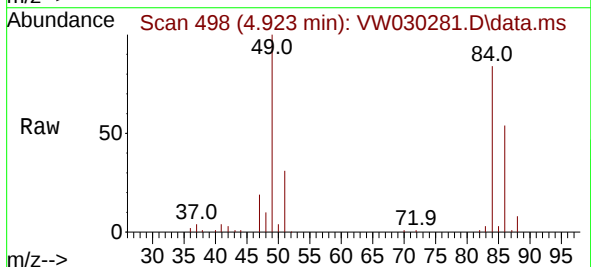
Instrument :
MSVOA_W
ClientSampleId :

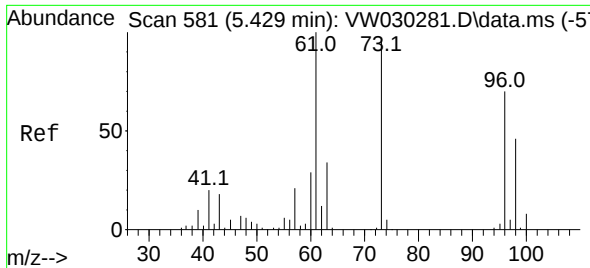
Tgt Ion: 43 Resp: 26906
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.6



#16
Methylene chloride
Concen: 22.128 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW030281.D
Acq: 27 Sep 2024 15:37

Tgt Ion: 84 Resp: 67605
Ion Ratio Lower Upper
84 100
86 64.0 44.8 83.2
49 119.4 83.6 155.2





#17

trans-1,2-Dichloroethene

Concen: 25.233 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

Instrument :

MSVOA_W

ClientSampleId :

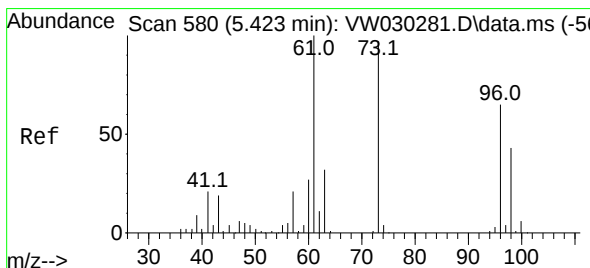
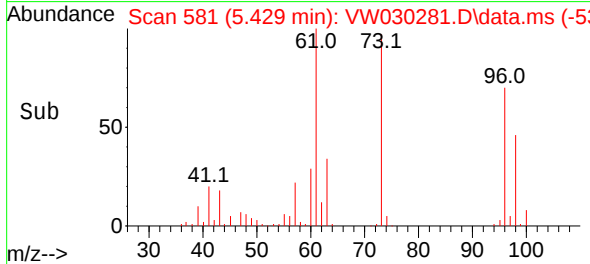
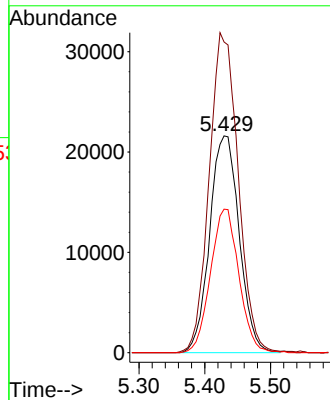
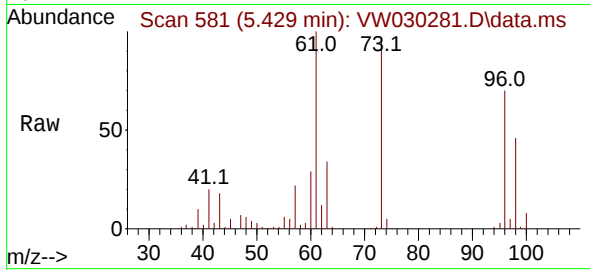
Tgt Ion: 96 Resp: 67553

Ion Ratio Lower Upper

96 100

61 143.3 100.3 186.3

98 66.2 46.3 86.1



#18

Methyl tert-butyl Ether

Concen: 25.307 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

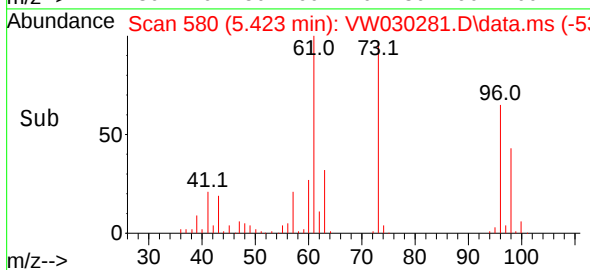
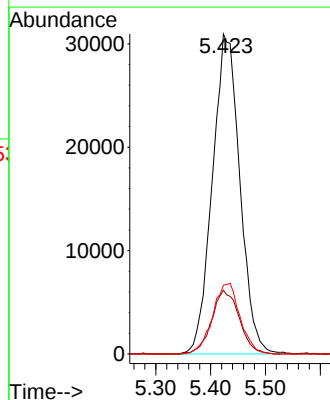
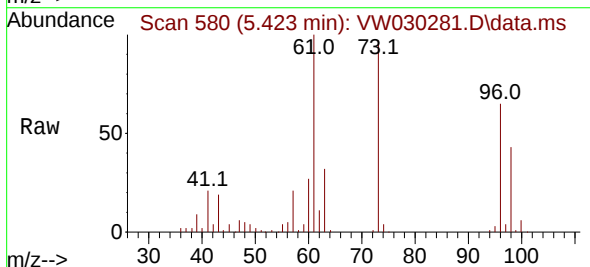
Tgt Ion: 73 Resp: 107760

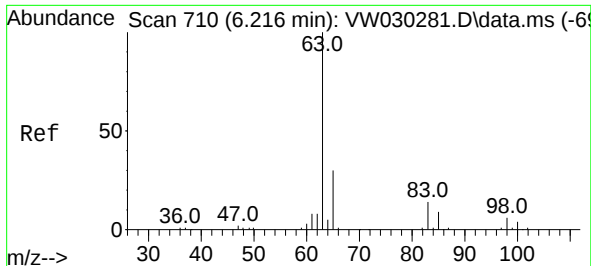
Ion Ratio Lower Upper

73 100

43 19.9 15.9 23.9

57 22.0 17.6 26.4





#19

1,1-Dichloroethane

Concen: 25.554 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

Instrument :

MSVOA_W

ClientSampleId :

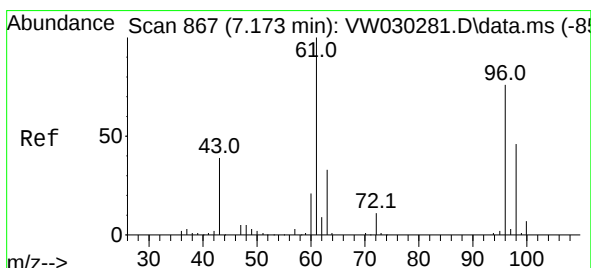
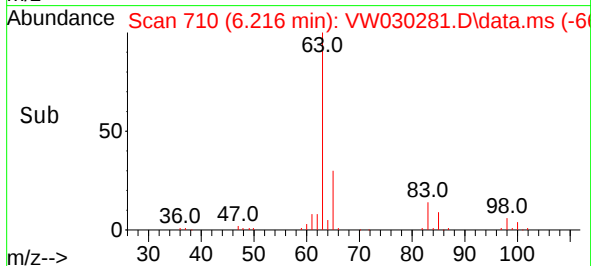
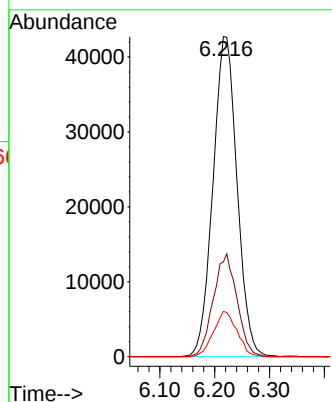
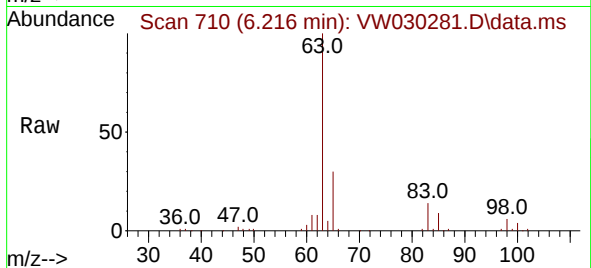
Tgt Ion: 63 Resp: 130279

Ion Ratio Lower Upper

63 100

65 29.6 20.7 38.5

83 14.1 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 25.229 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

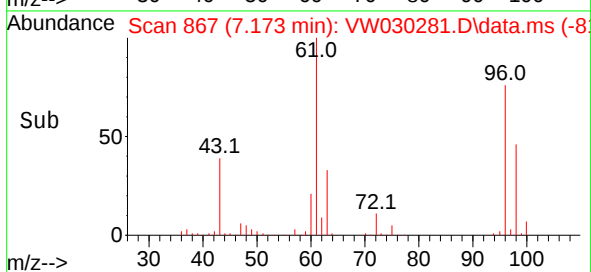
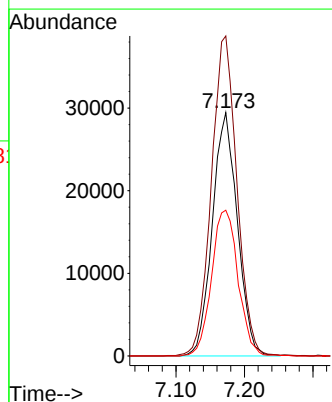
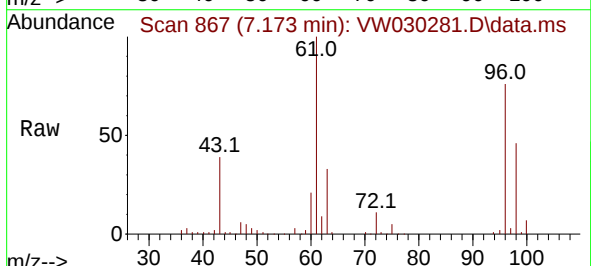
Tgt Ion: 96 Resp: 74623

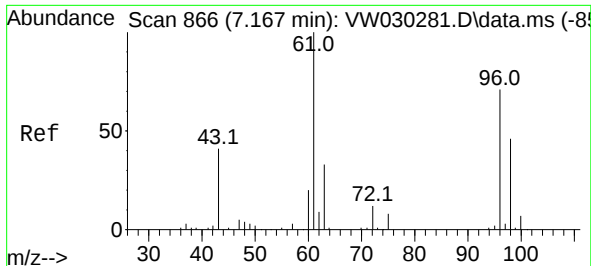
Ion Ratio Lower Upper

96 100

61 131.5 92.0 170.9

98 59.9 41.9 77.9





#22

2-Butanone

Concen: 49.715 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

Instrument :

MSVOA_W

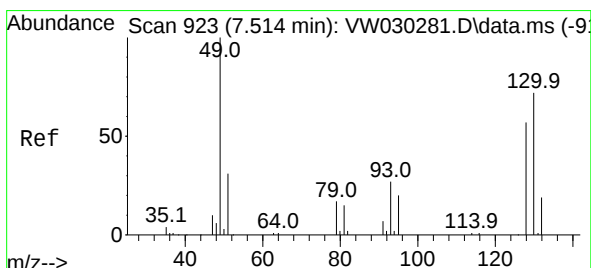
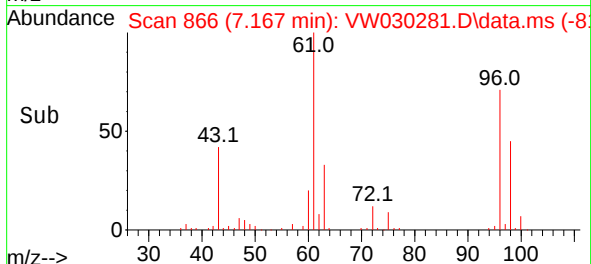
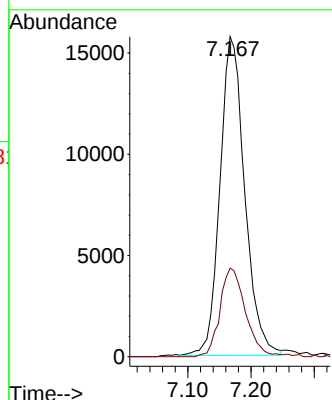
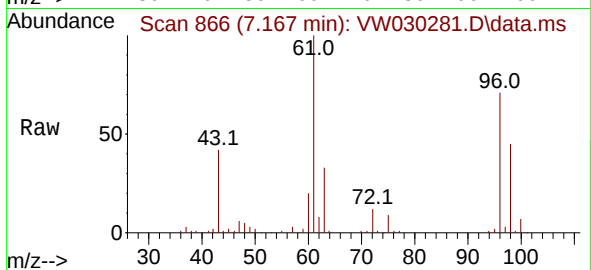
ClientSampleId :

Tgt Ion: 43 Resp: 42782

Ion Ratio Lower Upper

43 100

72 28.2 14.1 42.3



#23

Bromochloromethane

Concen: 24.288 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

Tgt Ion: 128 Resp: 31363

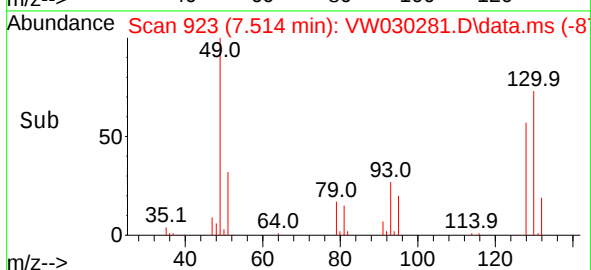
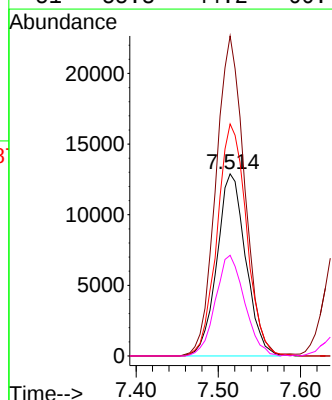
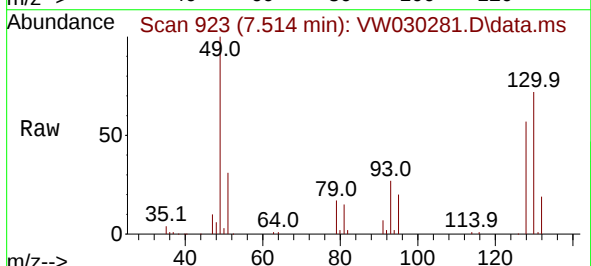
Ion Ratio Lower Upper

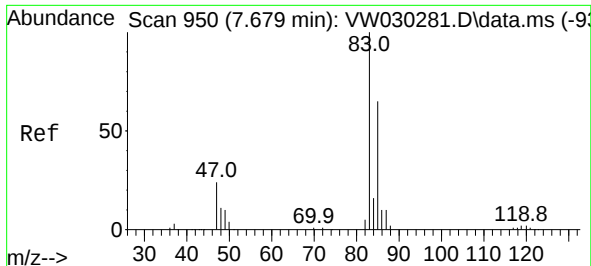
128 100

49 175.8 123.1 228.5

130 127.4 89.2 165.6

51 55.3 44.2 66.4





#25

Chloroform

Concen: 25.140 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

Instrument :

MSVOA_W

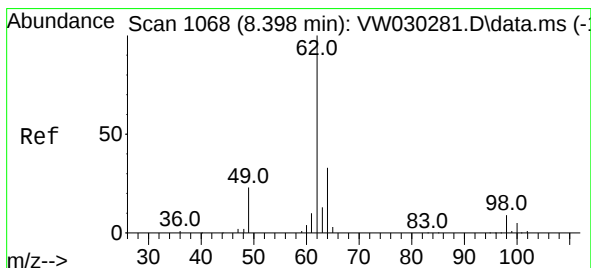
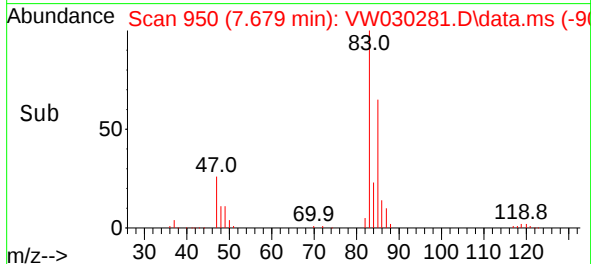
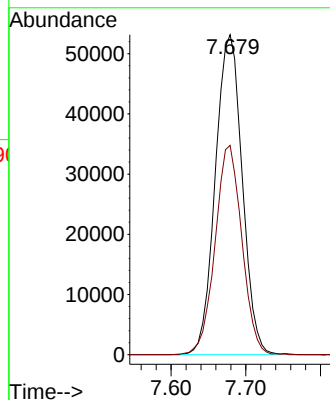
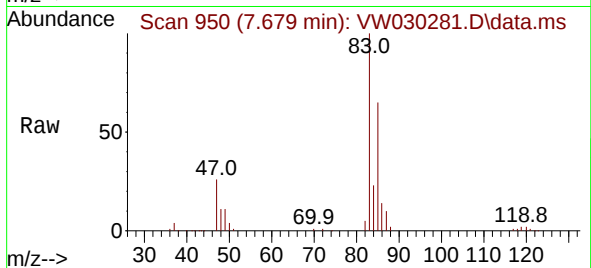
ClientSampleId :

Tgt Ion: 83 Resp: 132924

Ion Ratio Lower Upper

83 100

85 65.4 45.8 85.0



#27

1,2-Dichloroethane

Concen: 25.003 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030281.D

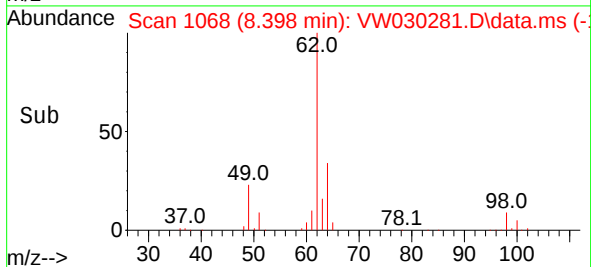
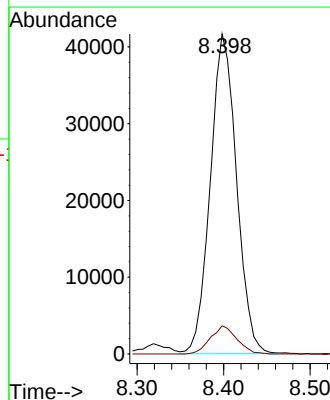
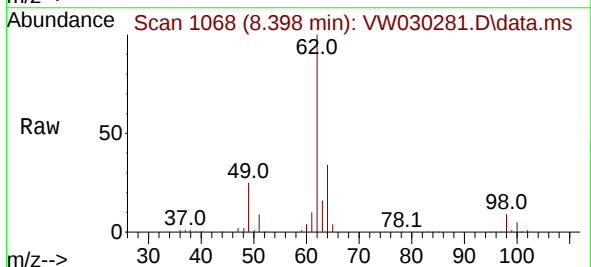
Acq: 27 Sep 2024 15:37

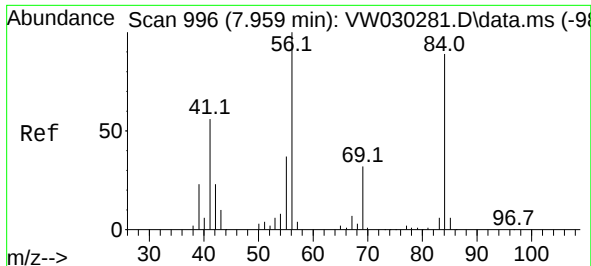
Tgt Ion: 62 Resp: 87672

Ion Ratio Lower Upper

62 100

98 8.8 7.0 10.6





#29

Cyclohexane

Concen: 25.883 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

Instrument :

MSVOA_W

ClientSampleId :

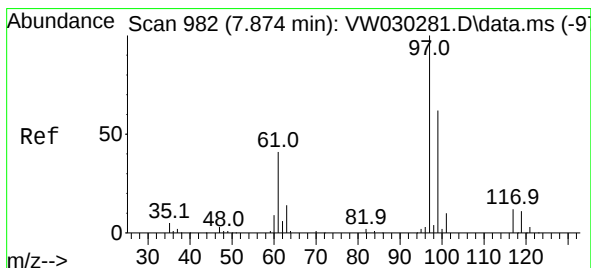
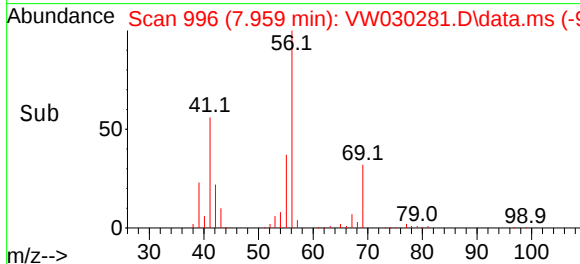
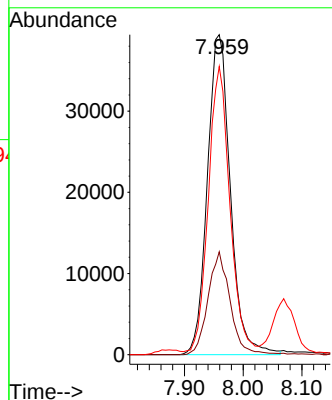
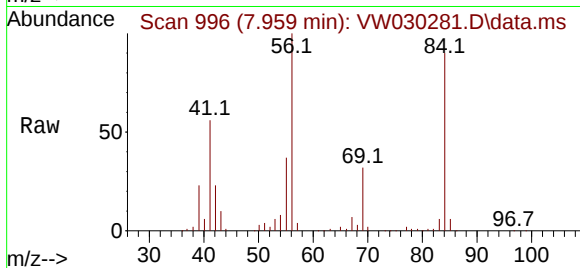
Tgt Ion: 56 Resp: 107403

Ion Ratio Lower Upper

56 100

69 30.6 24.5 36.7

84 84.4 67.5 101.3



#30

1,1,1-Trichloroethane

Concen: 25.400 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

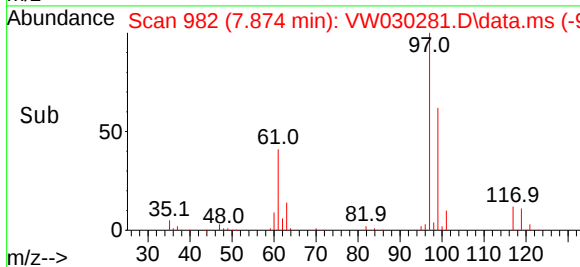
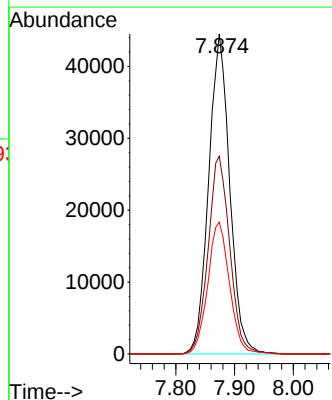
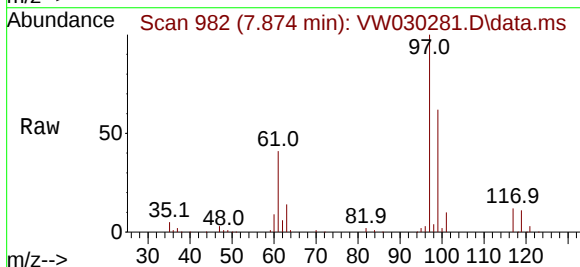
Tgt Ion: 97 Resp: 110760

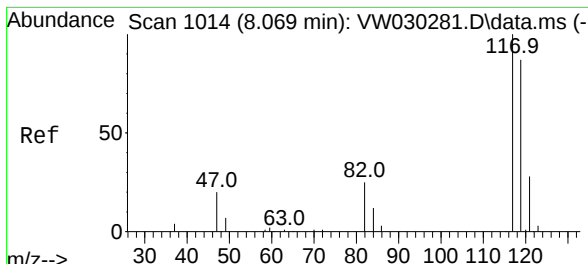
Ion Ratio Lower Upper

97 100

99 63.6 50.9 76.3

61 42.6 34.1 51.1

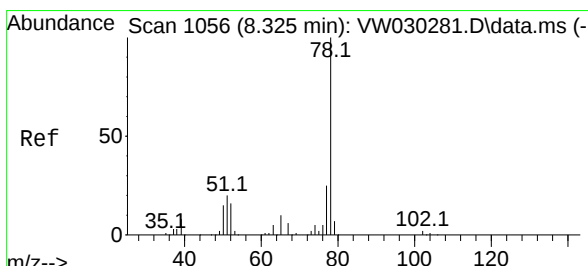
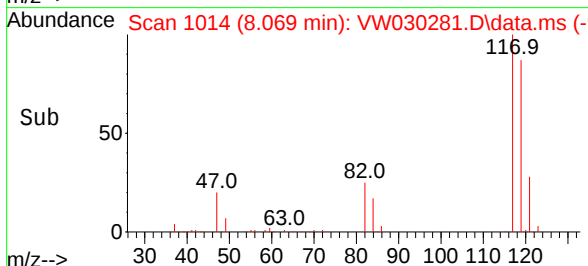
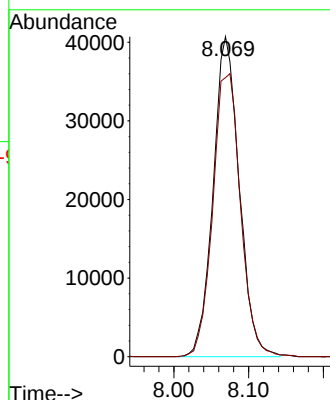
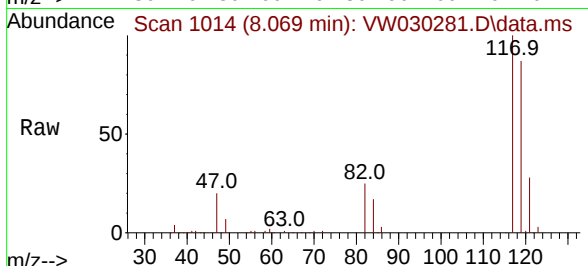




#31
Carbon tetrachloride
Concen: 25.358 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030281.D
Acq: 27 Sep 2024 15:37

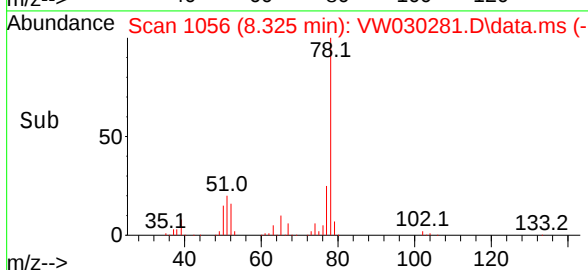
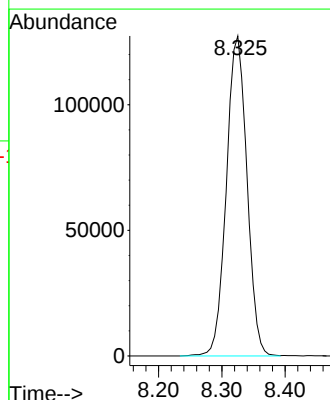
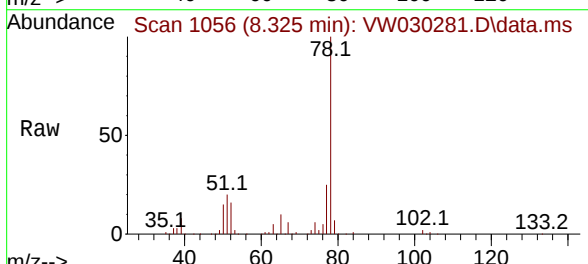
Instrument :
MSVOA_W
ClientSampleId :

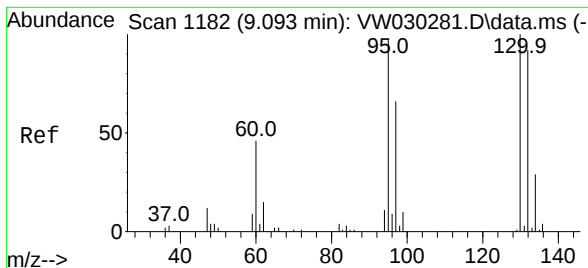
Tgt Ion:117 Resp: 98829
Ion Ratio Lower Upper
117 100
119 94.4 75.5 113.3



#33
Benzene
Concen: 25.095 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030281.D
Acq: 27 Sep 2024 15:37

Tgt Ion: 78 Resp: 287732





#34

Trichloroethene

Concen: 25.122 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 76618

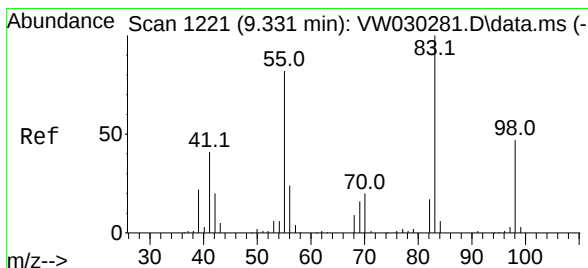
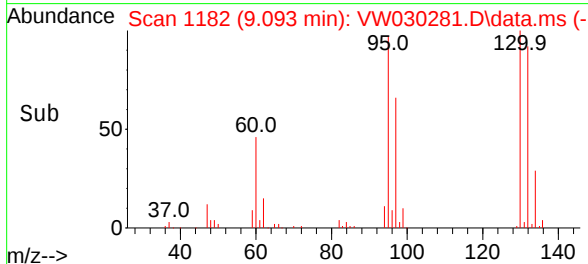
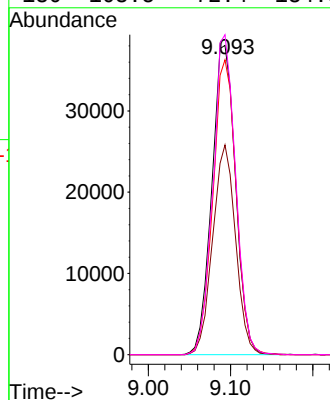
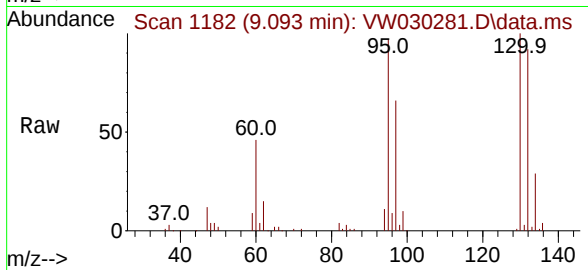
Ion Ratio Lower Upper

95 100

97 67.8 47.5 88.1

132 95.3 66.7 123.9

130 103.5 72.4 134.5



#35

Methylcyclohexane

Concen: 26.834 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

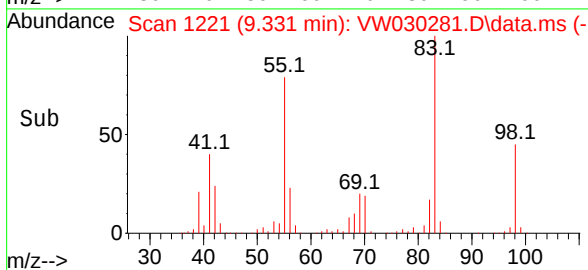
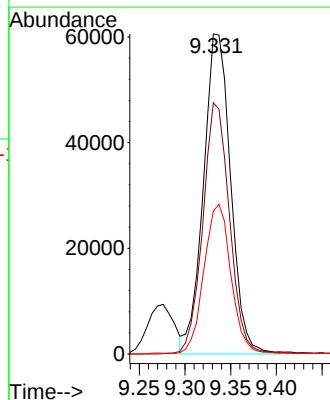
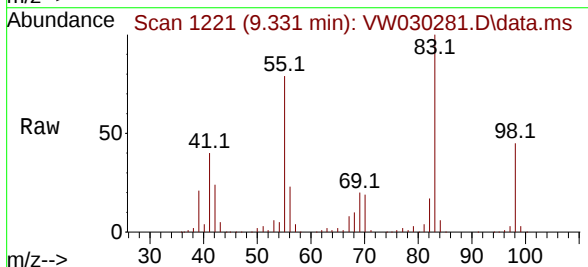
Tgt Ion: 83 Resp: 125595

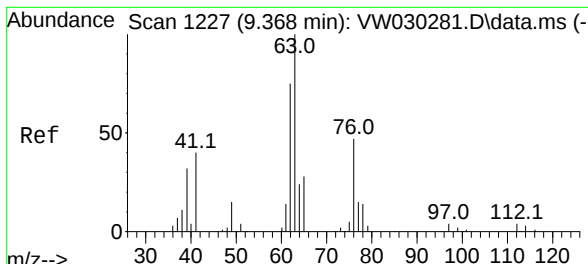
Ion Ratio Lower Upper

83 100

55 77.1 61.7 92.5

98 46.5 37.2 55.8

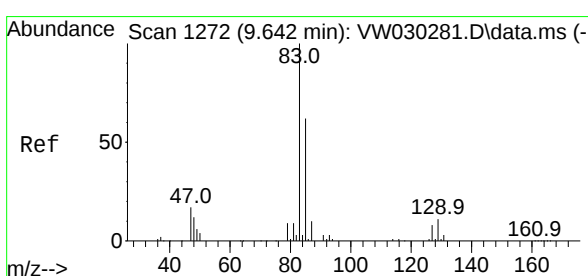
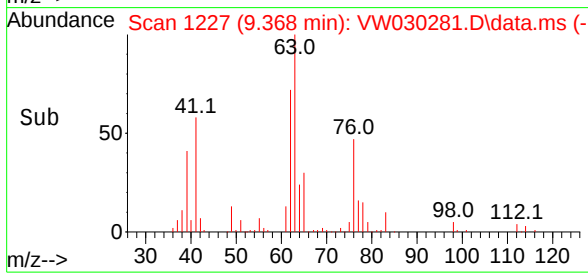
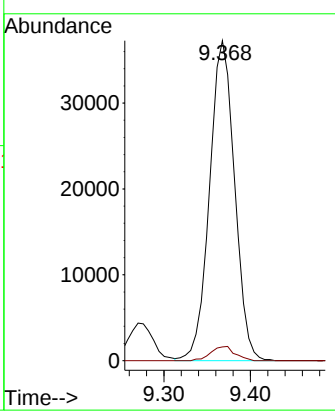
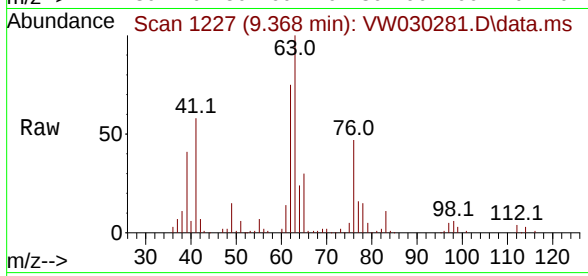




#37
 1,2-Dichloropropane
 Concen: 24.797 ug/L
 RT: 9.368 min Scan# 1227
 Delta R.T. 0.000 min
 Lab File: VW030281.D
 Acq: 27 Sep 2024 15:37

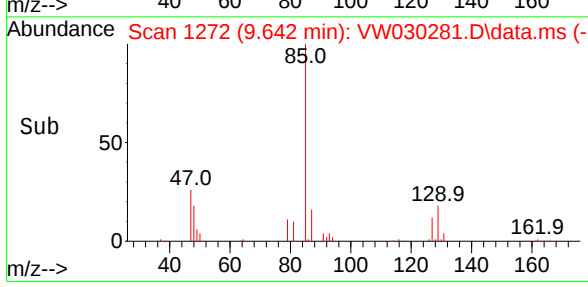
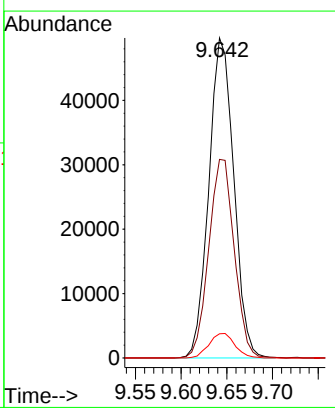
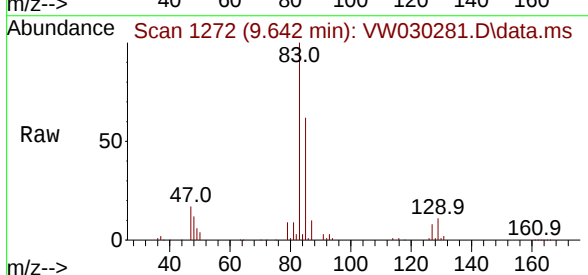
Instrument :
 MSVOA_W
 ClientSampleId :

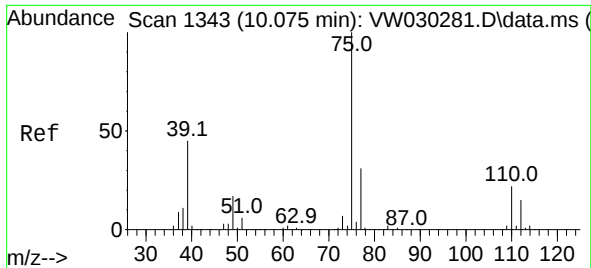
Tgt Ion:	63	Resp:	75015
Ion Ratio	Lower	Upper	
63	100		
112	4.3	3.4	5.2



#38
 Bromodichloromethane
 Concen: 24.862 ug/L
 RT: 9.642 min Scan# 1272
 Delta R.T. 0.000 min
 Lab File: VW030281.D
 Acq: 27 Sep 2024 15:37

Tgt Ion:	83	Resp:	94429
Ion Ratio	Lower	Upper	
83	100		
85	62.1	43.5	80.7
127	7.6	6.1	9.1

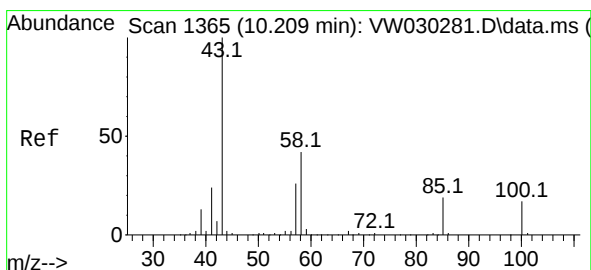
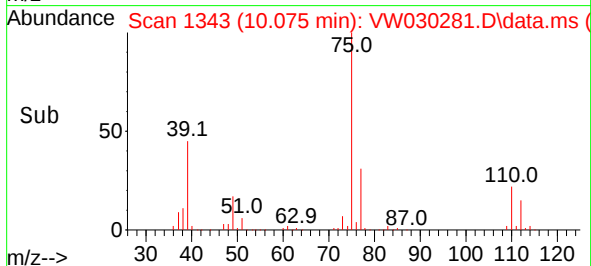
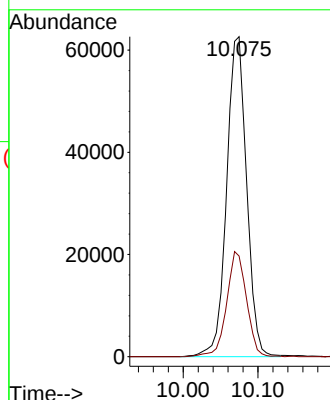
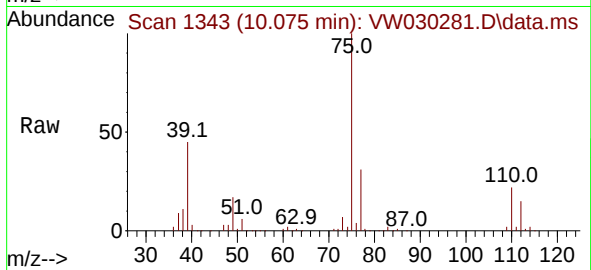




#39
 cis-1,3-Dichloropropene
 Concen: 25.108 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW030281.D
 Acq: 27 Sep 2024 15:37

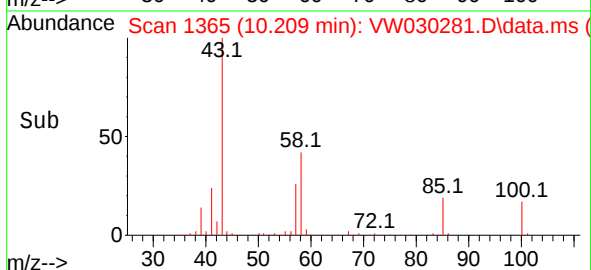
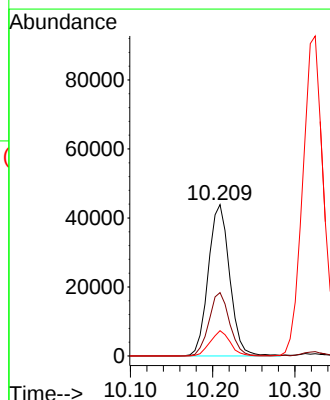
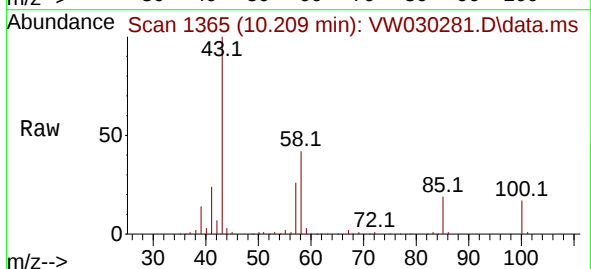
Instrument :
 MSVOA_W
 ClientSampleId :

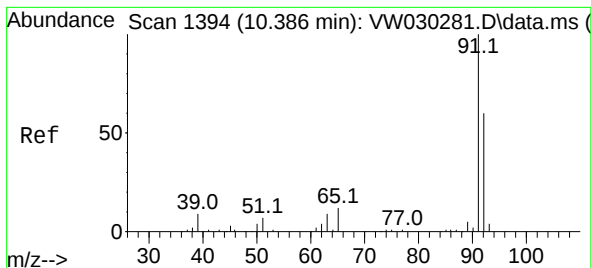
Tgt Ion: 75 Resp: 116465
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 50.857 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW030281.D
 Acq: 27 Sep 2024 15:37

Tgt Ion: 43 Resp: 79134
 Ion Ratio Lower Upper
 43 100
 58 40.7 32.6 48.8
 100 15.6 12.5 18.7





#42

Toluene

Concen: 25.523 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

Instrument :

MSVOA_W

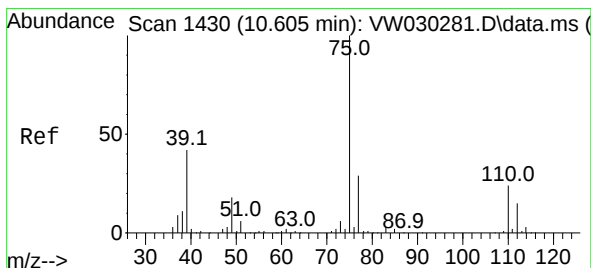
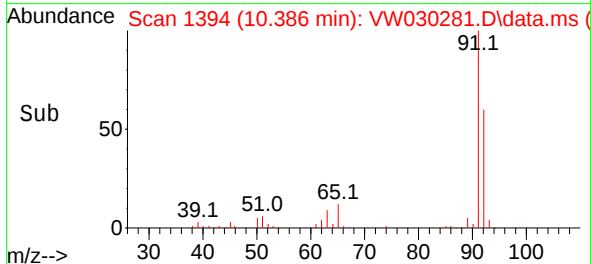
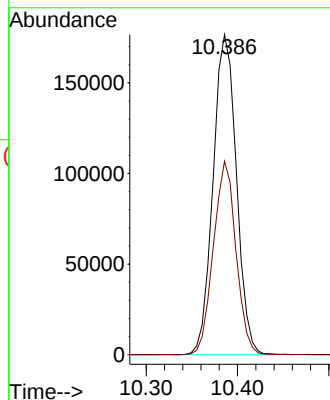
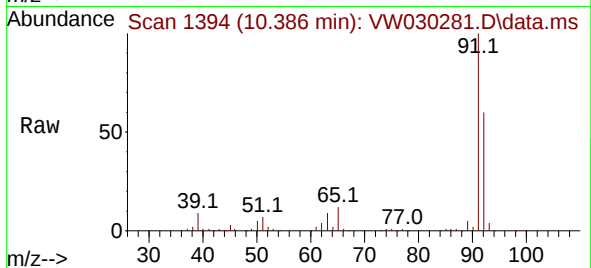
ClientSampleId :

Tgt Ion: 91 Resp: 313283

Ion Ratio Lower Upper

91 100

92 60.4 42.3 78.5



#44

trans-1,3-Dichloropropene

Concen: 25.056 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030281.D

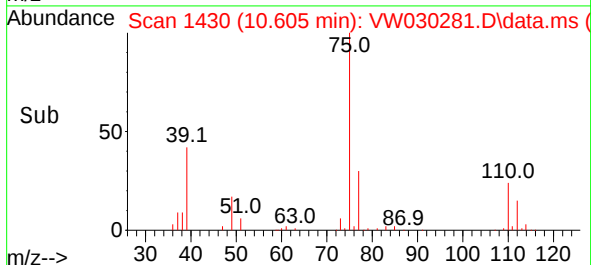
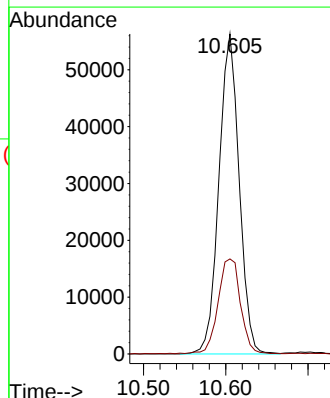
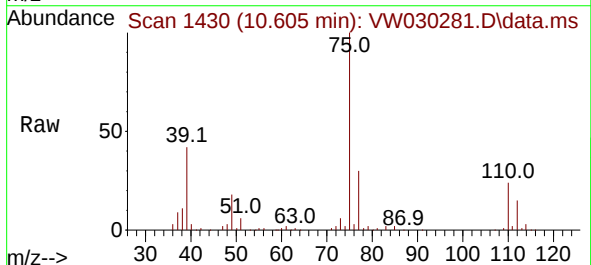
Acq: 27 Sep 2024 15:37

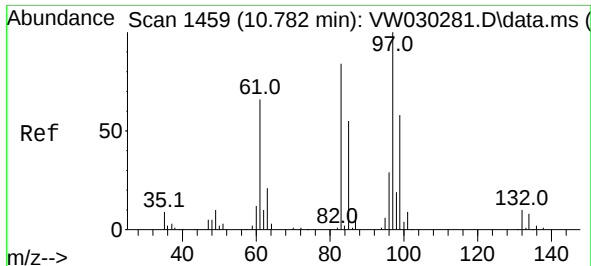
Tgt Ion: 75 Resp: 96306

Ion Ratio Lower Upper

75 100

77 29.7 20.8 38.6





#45

1,1,2-Trichloroethane

Concen: 24.822 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 52917

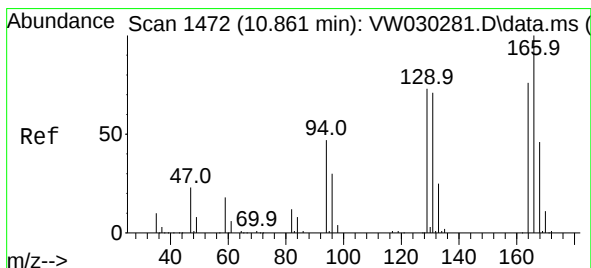
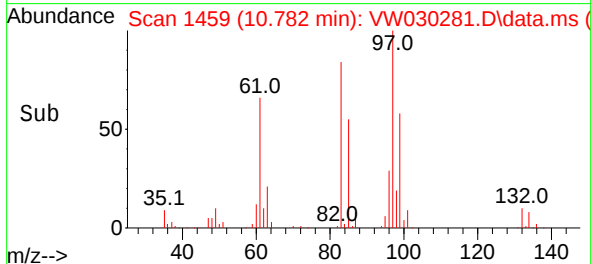
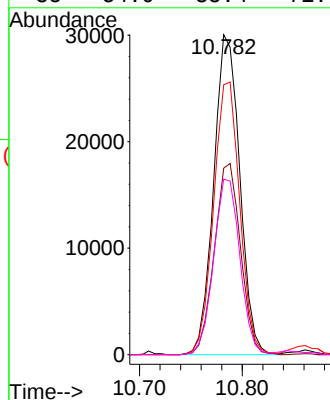
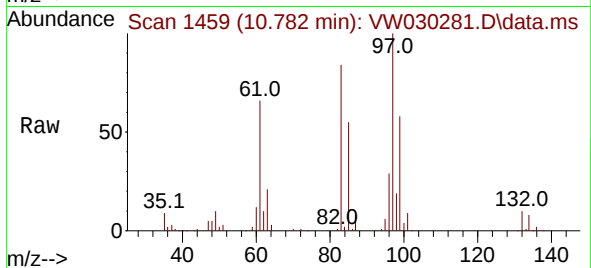
Ion Ratio Lower Upper

97 100

99 58.3 40.8 75.8

83 84.4 59.1 109.7

85 54.9 38.4 71.4



#46

Tetrachloroethene

Concen: 25.525 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

Tgt Ion:164 Resp: 58226

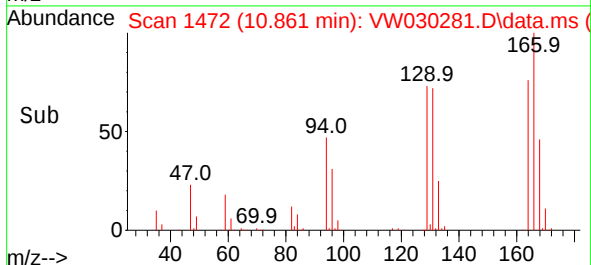
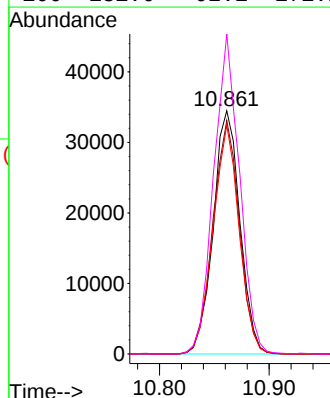
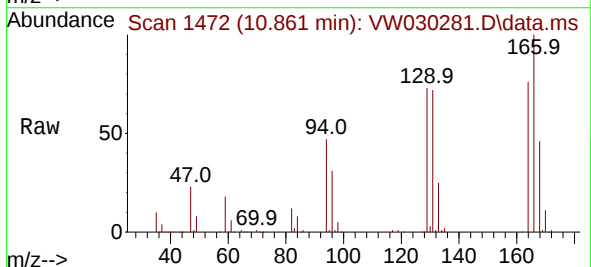
Ion Ratio Lower Upper

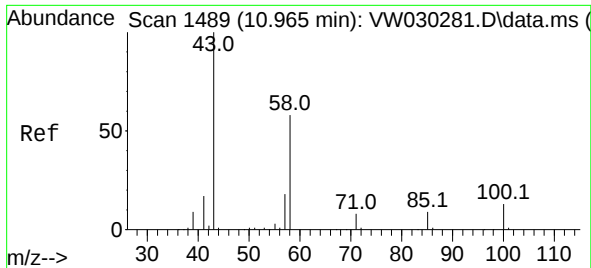
164 100

129 96.0 67.2 124.8

131 94.1 65.9 122.3

166 131.6 92.1 171.1

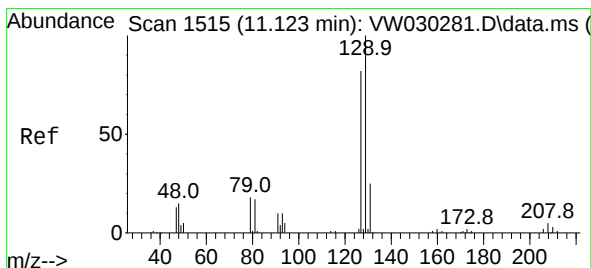
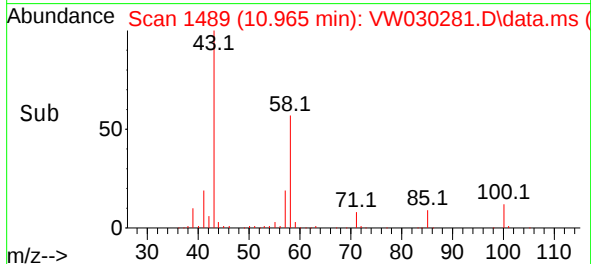
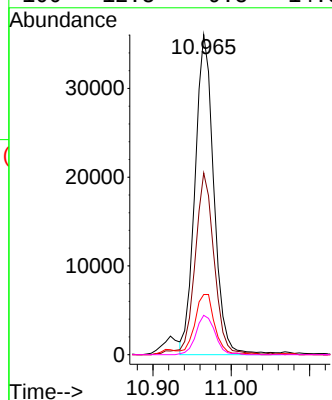
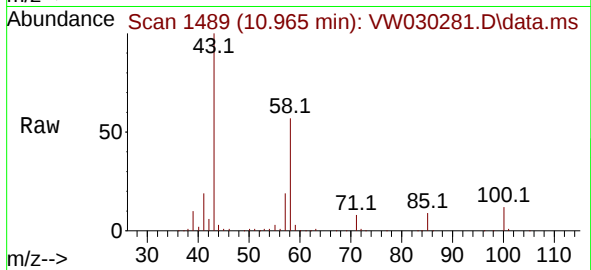




#48
2-Hexanone
Concen: 52.835 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030281.D
Acq: 27 Sep 2024 15:37

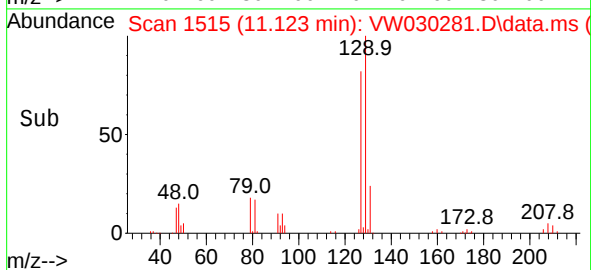
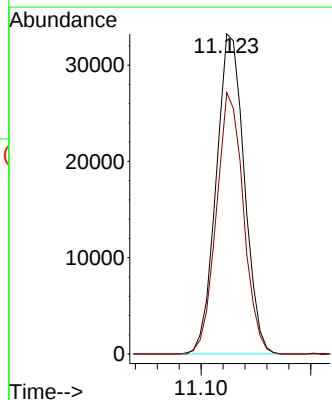
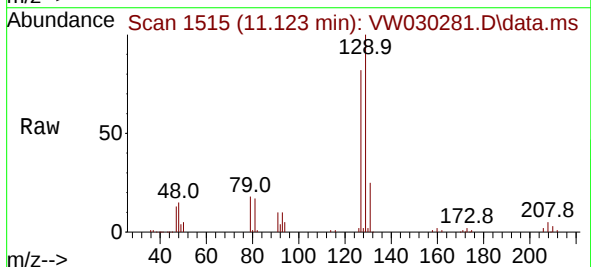
Instrument :
MSVOA_W
ClientSampleId :

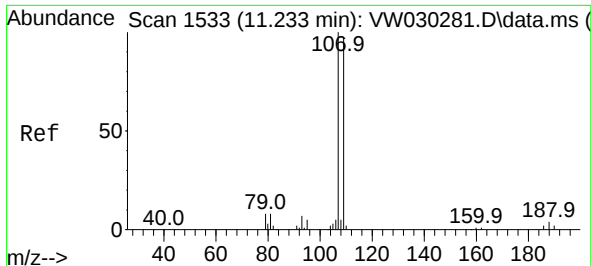
Tgt Ion: 43 Resp: 60537
Ion Ratio Lower Upper
43 100
58 57.6 46.1 69.1
57 19.1 15.3 22.9
100 12.3 9.8 14.8



#49
Dibromochloromethane
Concen: 24.698 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW030281.D
Acq: 27 Sep 2024 15:37

Tgt Ion:129 Resp: 59254
Ion Ratio Lower Upper
129 100
127 81.7 57.2 106.2





#50

1,2-Dibromoethane

Concen: 24.219 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

Instrument :

MSVOA_W

ClientSampleId :

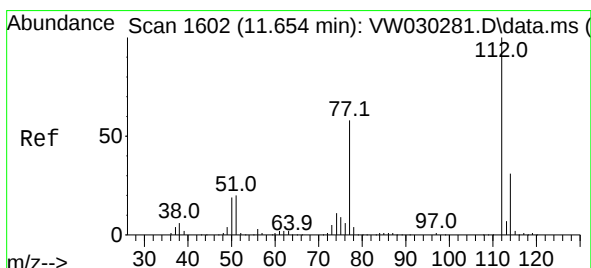
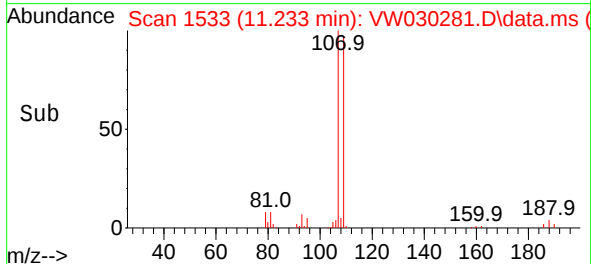
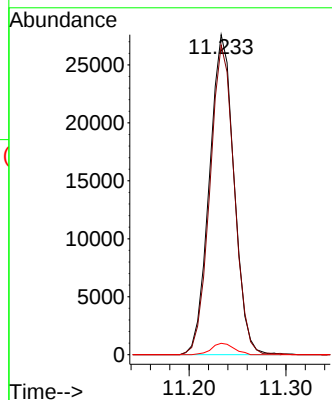
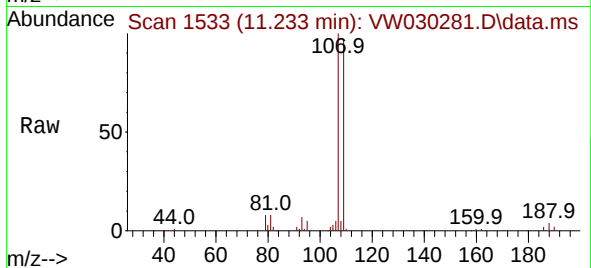
Tgt Ion:107 Resp: 48854

Ion Ratio Lower Upper

107 100

109 96.8 67.8 125.8

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 24.686 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

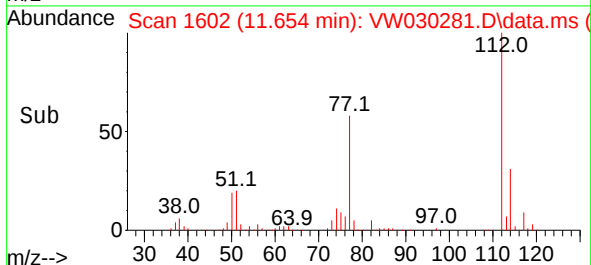
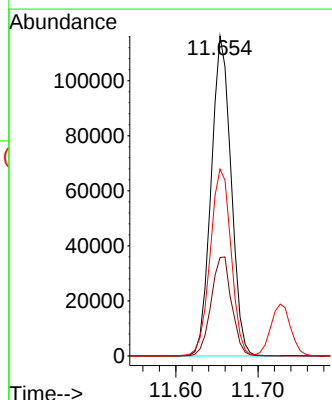
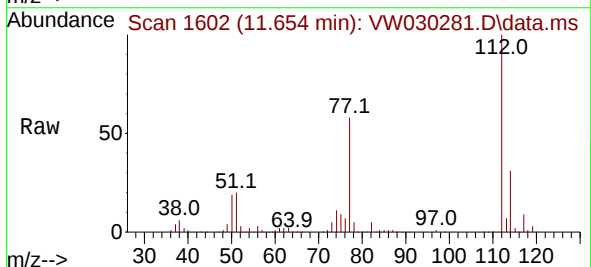
Tgt Ion:112 Resp: 195814

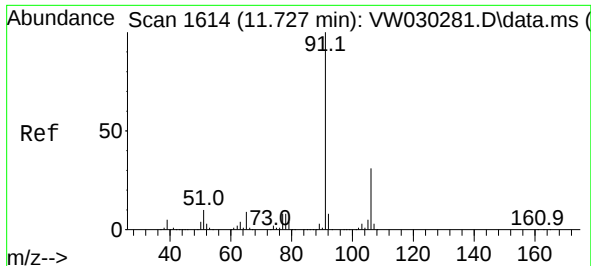
Ion Ratio Lower Upper

112 100

114 30.7 21.5 39.9

77 58.4 46.7 70.1





#52

Ethylbenzene

Concen: 25.833 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

Instrument :

MSVOA_W

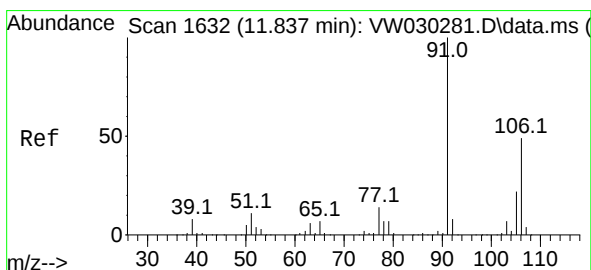
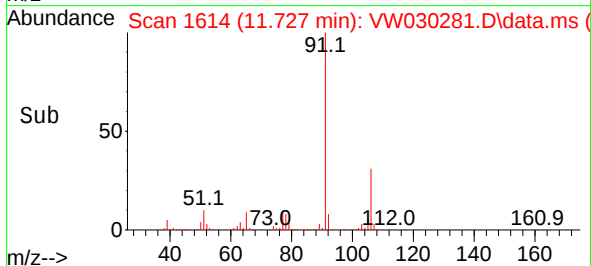
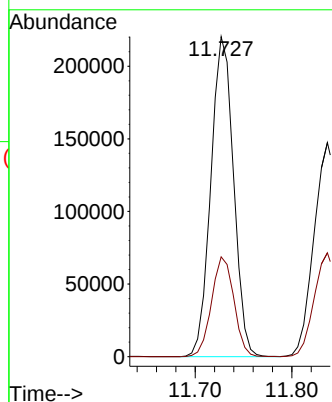
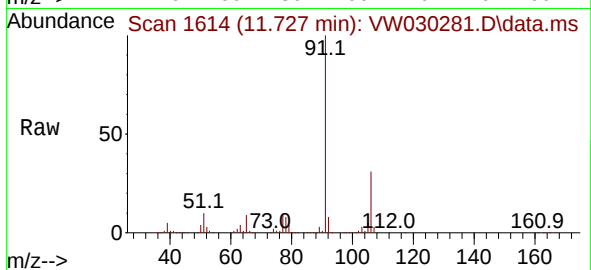
ClientSampleId :

Tgt Ion: 91 Resp: 359228

Ion Ratio Lower Upper

91 100

106 31.2 21.8 40.6



#53

m,p-Xylene

Concen: 25.285 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030281.D

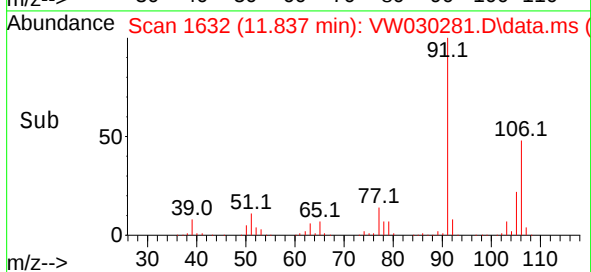
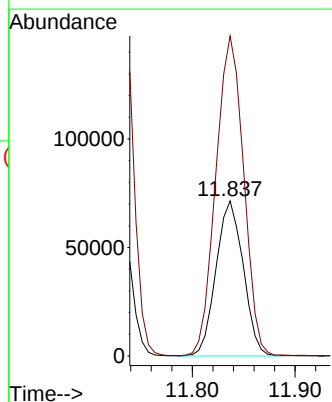
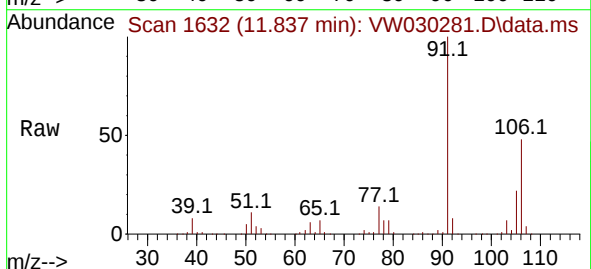
Acq: 27 Sep 2024 15:37

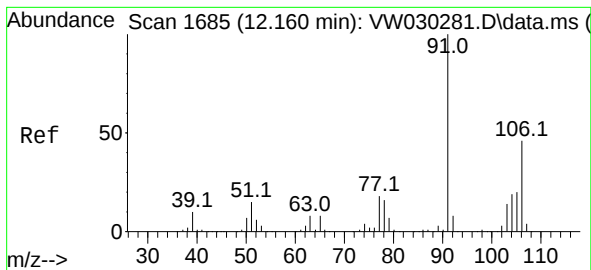
Tgt Ion:106 Resp: 131255

Ion Ratio Lower Upper

106 100

91 206.3 144.4 268.2





#54

o-Xylene

Concen: 25.703 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

Instrument :

MSVOA_W

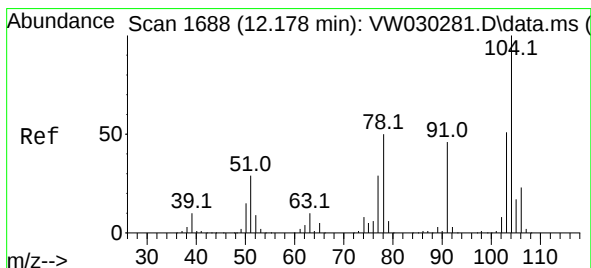
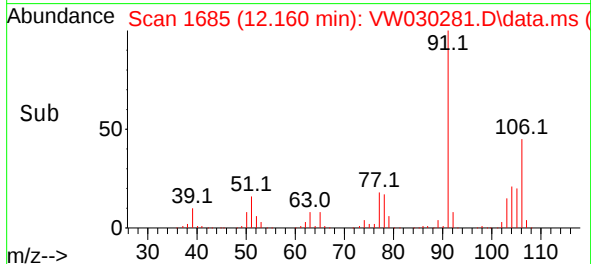
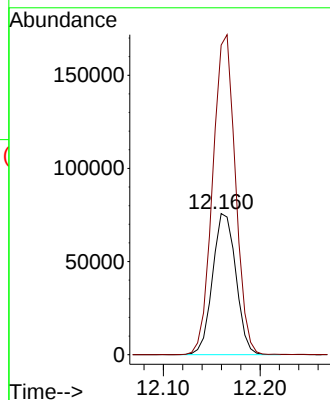
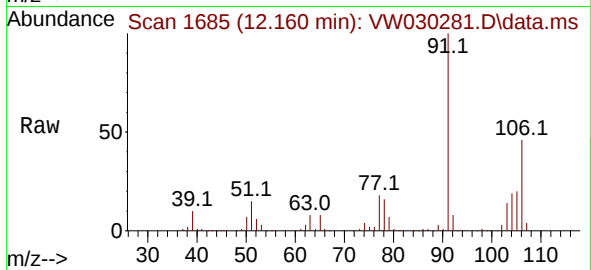
ClientSampleId :

Tgt Ion:106 Resp: 126991

Ion Ratio Lower Upper

106 100

91 219.4 153.6 285.2



#55

Styrene

Concen: 25.936 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030281.D

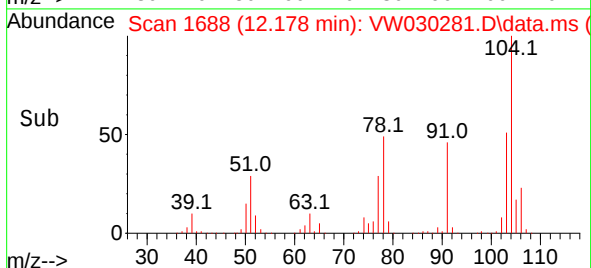
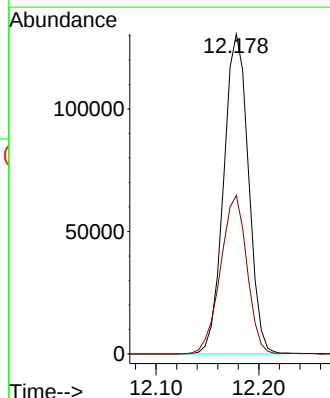
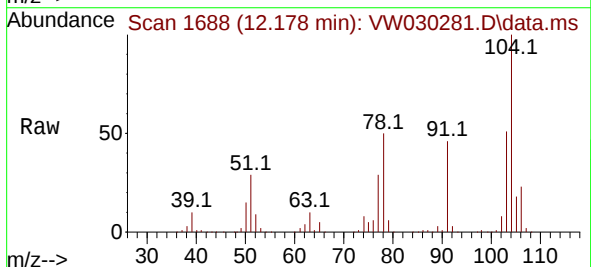
Acq: 27 Sep 2024 15:37

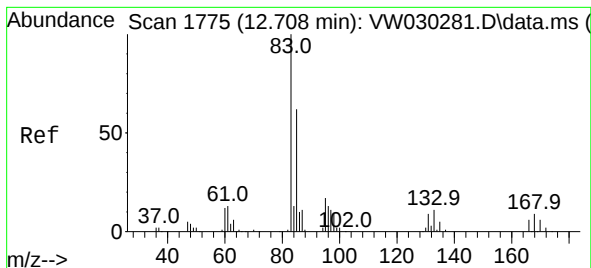
Tgt Ion:104 Resp: 218604

Ion Ratio Lower Upper

104 100

78 49.5 34.6 64.3

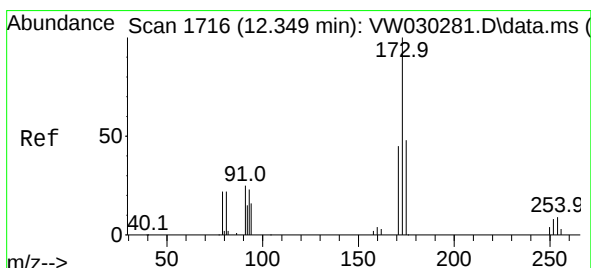
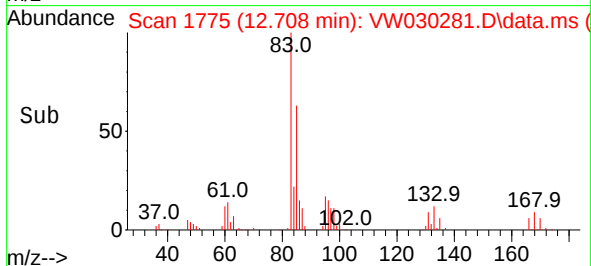
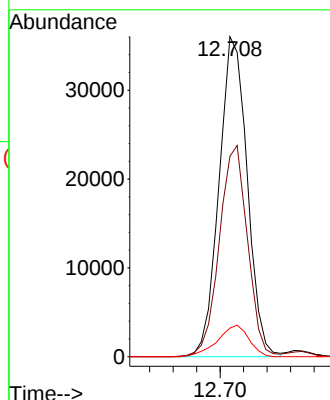
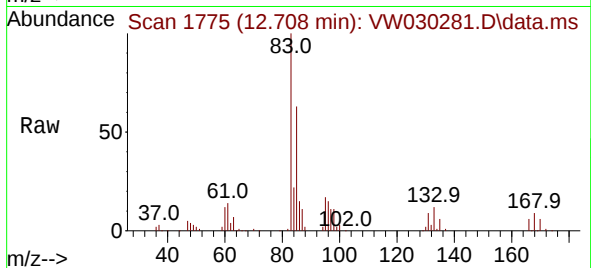




#57
1,1,2,2-Tetrachloroethane
Concen: 24.024 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030281.D
Acq: 27 Sep 2024 15:37

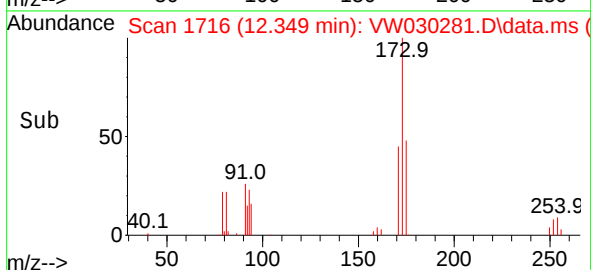
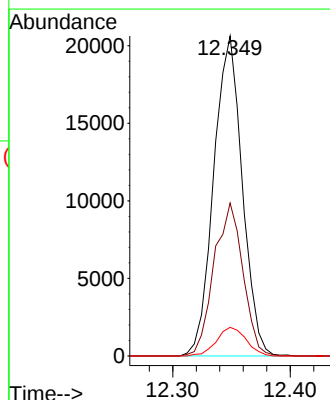
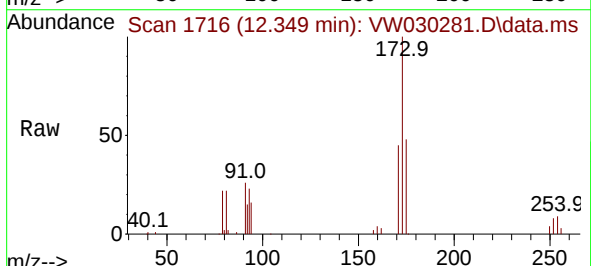
Instrument :
MSVOA_W
ClientSampleId :

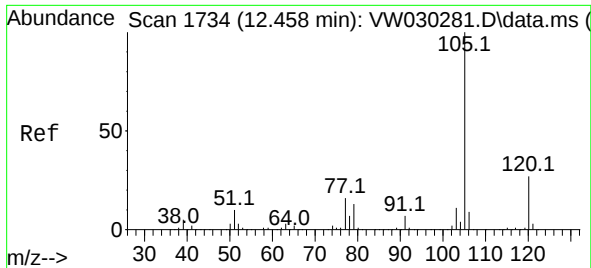
Tgt Ion: 83 Resp: 59983
Ion Ratio Lower Upper
83 100
85 62.7 43.9 81.5
131 8.9 7.1 10.7



#59
Bromoform
Concen: 25.074 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030281.D
Acq: 27 Sep 2024 15:37

Tgt Ion:173 Resp: 34817
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 9.3 7.4 11.2

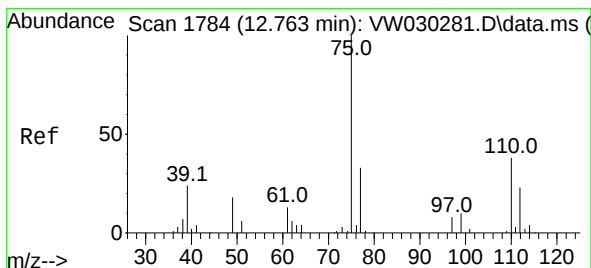
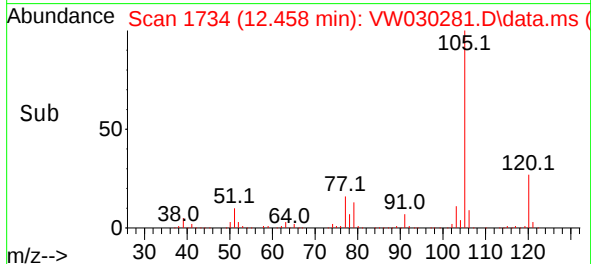
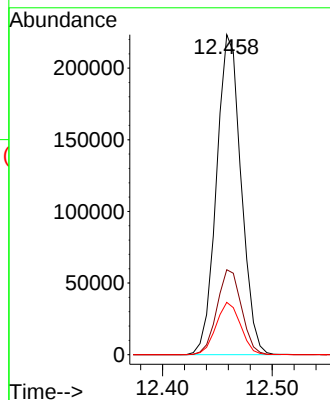
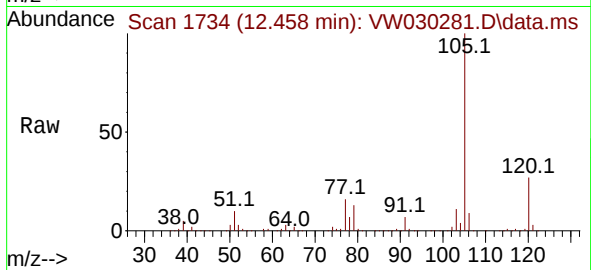




#60
Isopropylbenzene
Concen: 25.608 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW030281.D
Acq: 27 Sep 2024 15:37

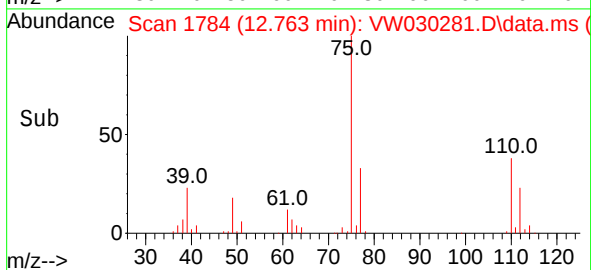
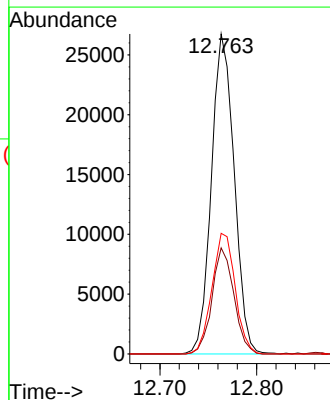
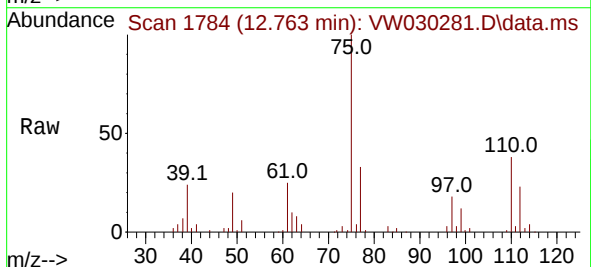
Instrument :
MSVOA_W
ClientSampleId :

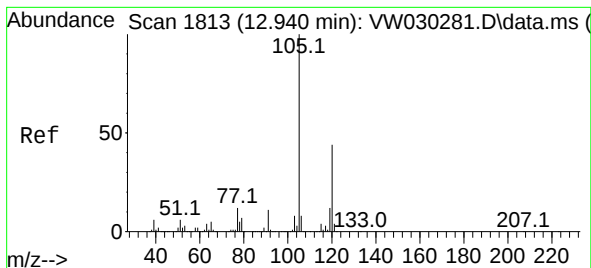
Tgt Ion:105 Resp: 348374
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 24.054 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW030281.D
Acq: 27 Sep 2024 15:37

Tgt Ion: 75 Resp: 43828
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
110 38.5 30.8 46.2

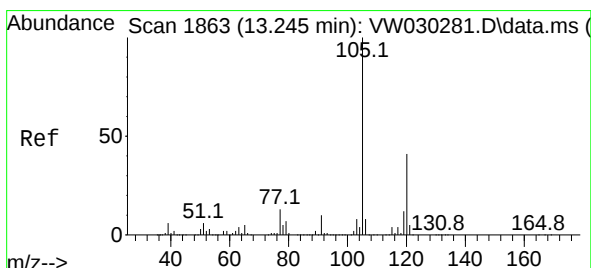
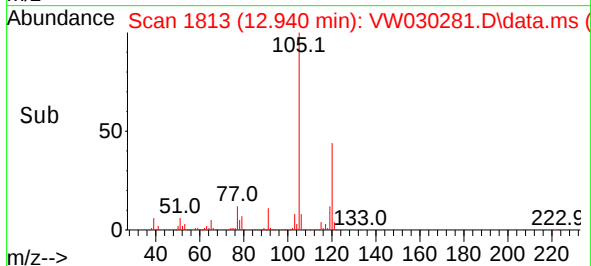
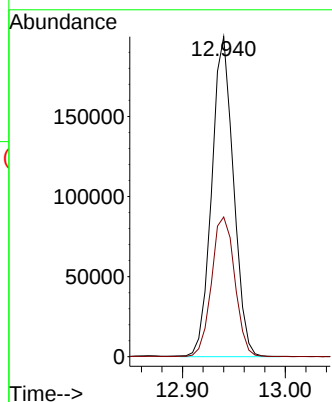
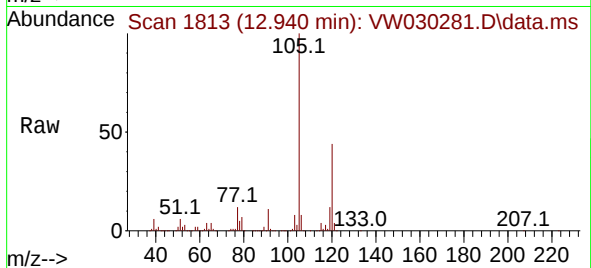




#62
1,3,5-Trimethylbenzene
Concen: 26.681 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030281.D
Acq: 27 Sep 2024 15:37

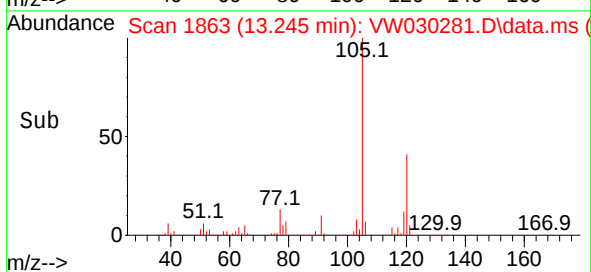
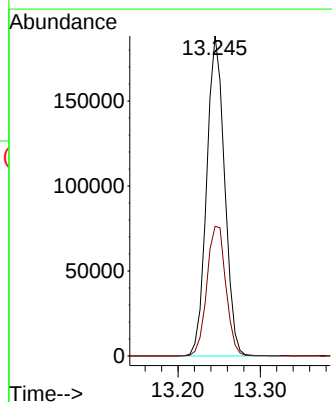
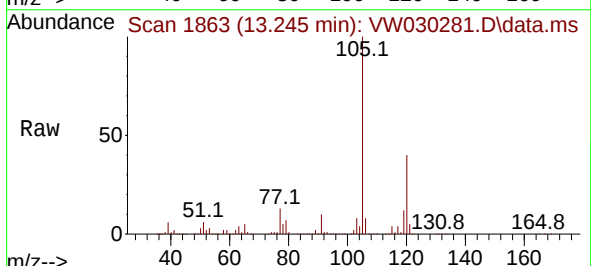
Instrument :
MSVOA_W
ClientSampleId :

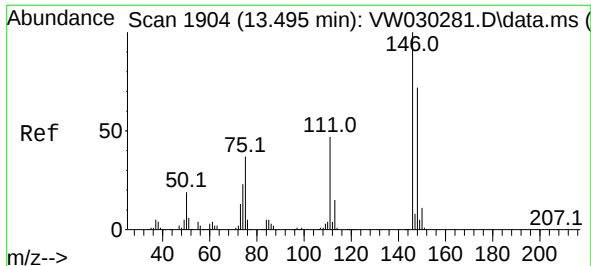
Tgt Ion:105 Resp: 293597
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.0



#63
1,2,4-Trimethylbenzene
Concen: 26.201 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030281.D
Acq: 27 Sep 2024 15:37

Tgt Ion:105 Resp: 284863
Ion Ratio Lower Upper
105 100
120 43.0 34.4 51.6





#64

1,3-Dichlorobenzene

Concen: 23.981 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

Instrument :

MSVOA_W

ClientSampleId :

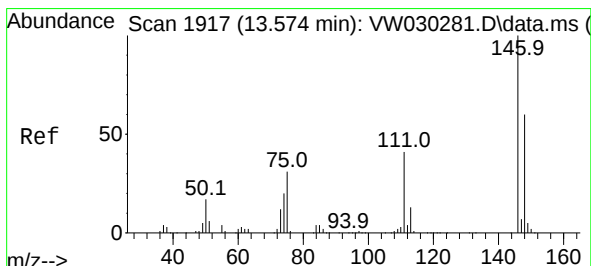
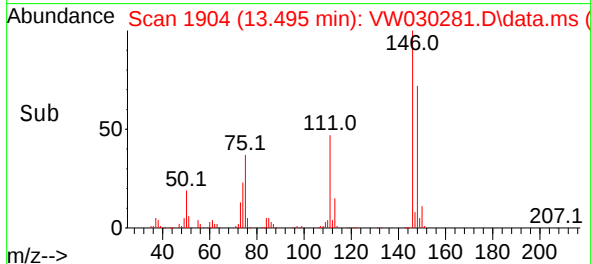
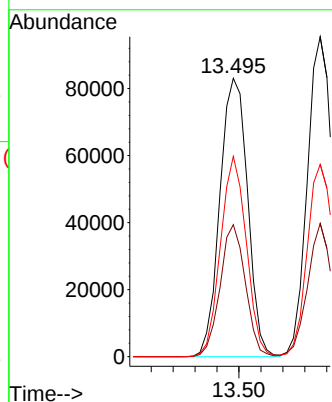
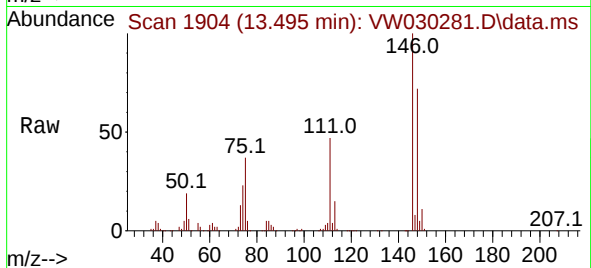
Tgt Ion:146 Resp: 145796

Ion Ratio Lower Upper

146 100

111 47.4 33.2 61.6

148 72.0 50.4 93.6



#65

1,4-Dichlorobenzene

Concen: 24.887 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

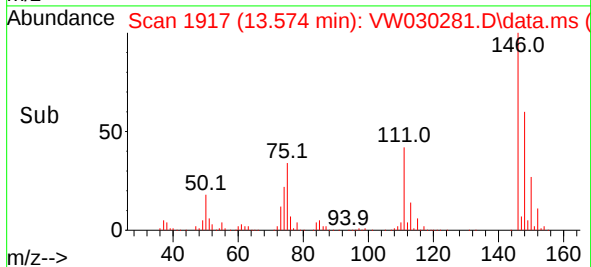
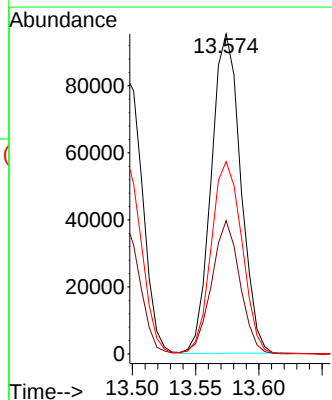
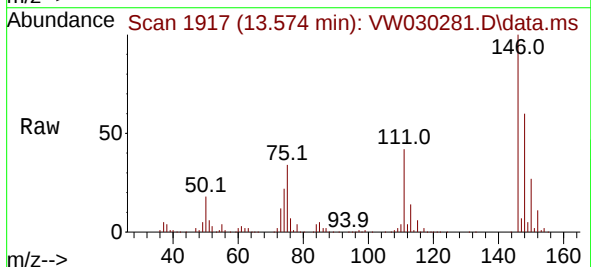
Tgt Ion:146 Resp: 154567

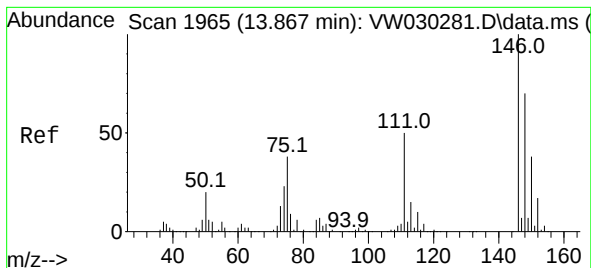
Ion Ratio Lower Upper

146 100

111 41.6 29.1 54.1

148 60.1 42.1 78.1

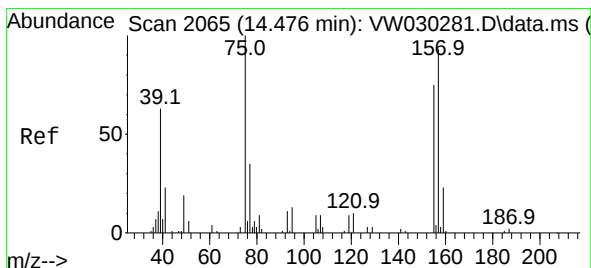
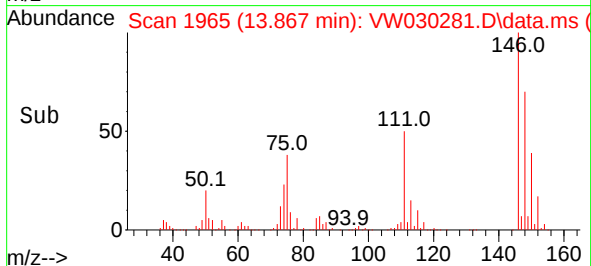
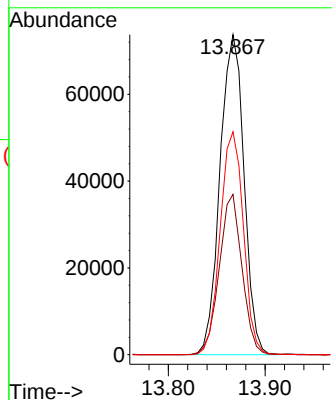
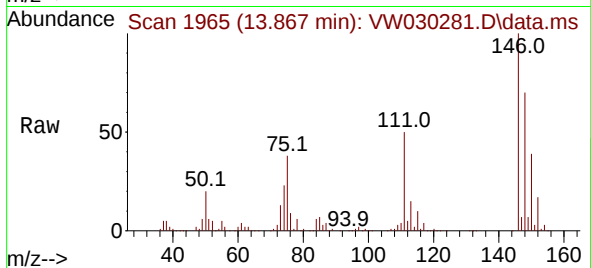




#67
1,2-Dichlorobenzene
Concen: 23.441 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030281.D
Acq: 27 Sep 2024 15:37

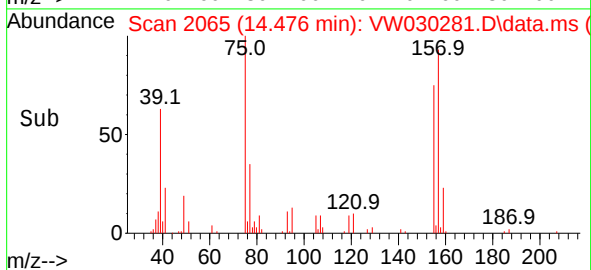
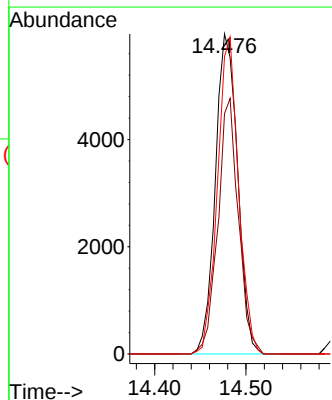
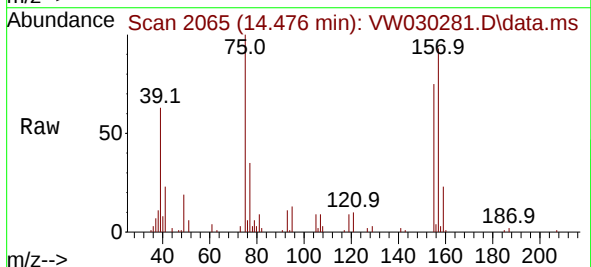
Instrument :
MSVOA_W
ClientSampleId :

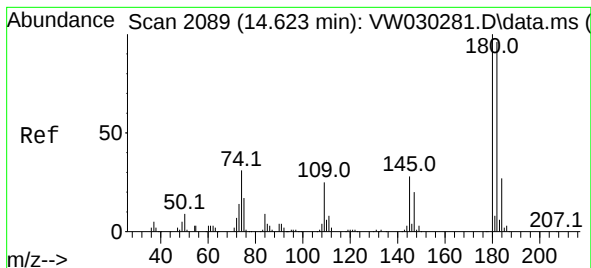
Tgt Ion:146 Resp: 127054
Ion Ratio Lower Upper
146 100
111 50.1 40.1 60.1
148 69.6 55.7 83.5



#68
1,2-Dibromo-3-chloropropane
Concen: 24.188 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030281.D
Acq: 27 Sep 2024 15:37

Tgt Ion: 75 Resp: 10098
Ion Ratio Lower Upper
75 100
155 75.1 60.1 90.1
157 92.9 74.3 111.5





#69

1,3,5-Trichlorobenzene

Concen: 23.945 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

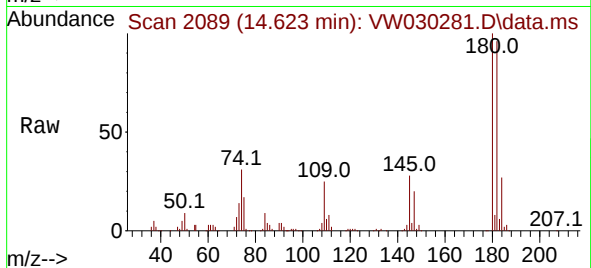
Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 100478

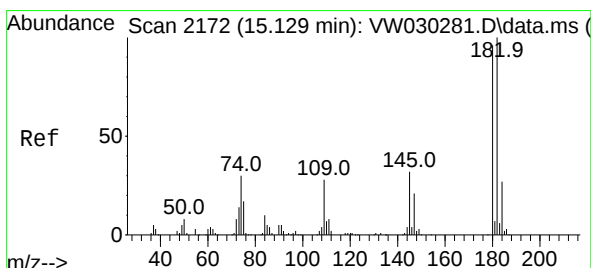
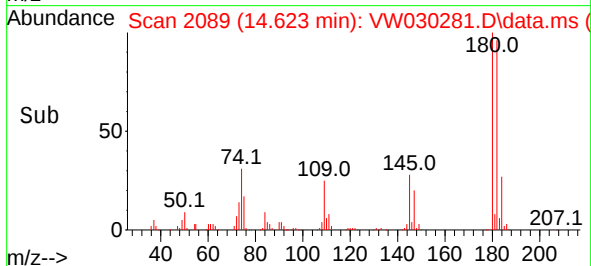
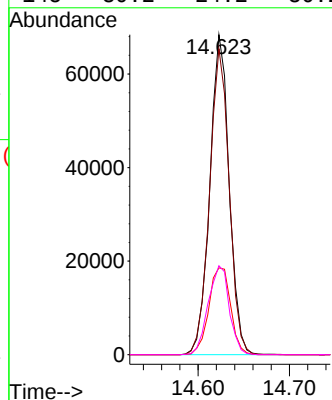
Ion Ratio Lower Upper

180 100

182 96.8 77.4 116.2

184 30.6 24.5 36.7

145 30.2 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 24.110 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW030281.D

Acq: 27 Sep 2024 15:37

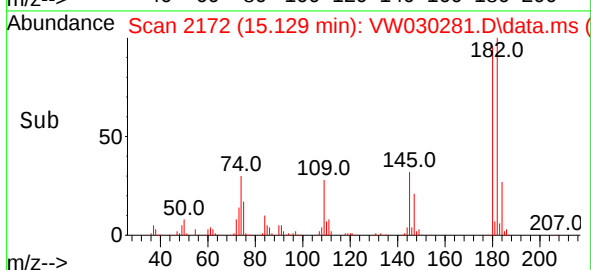
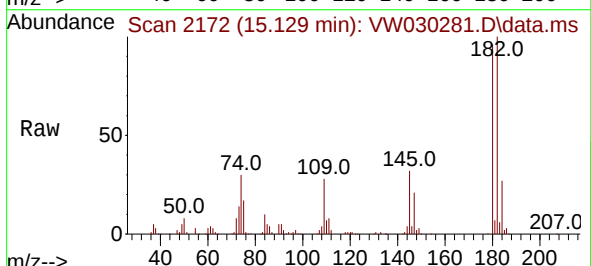
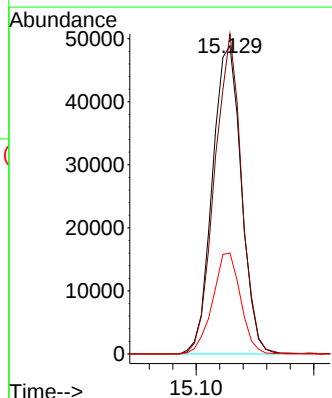
Tgt Ion:180 Resp: 83762

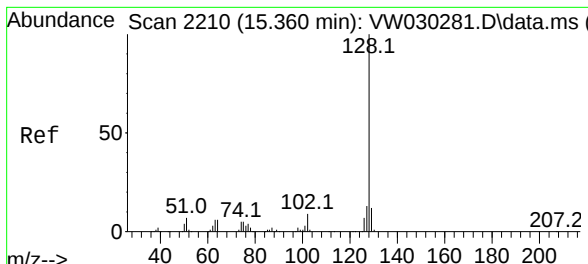
Ion Ratio Lower Upper

180 100

182 96.5 77.2 115.8

145 31.6 25.3 37.9



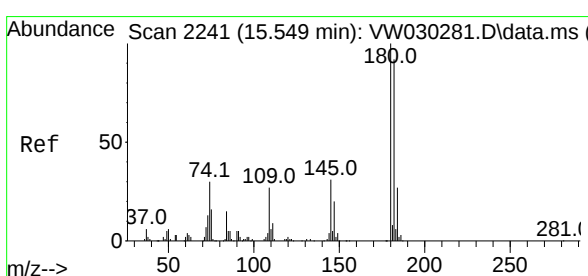
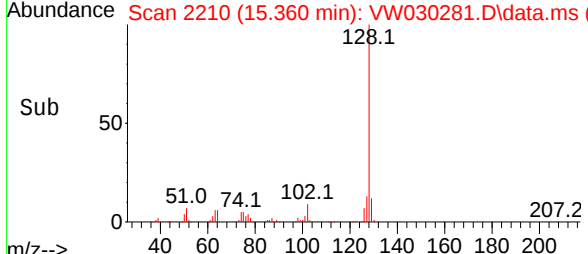
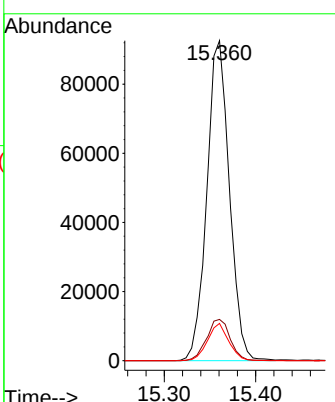
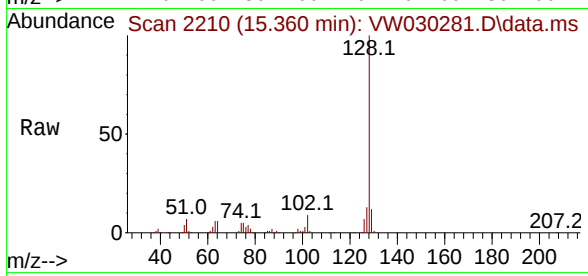


#71
Naphthalene
Concen: 24.976 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VW030281.D
Acq: 27 Sep 2024 15:37

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 158715

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	11.0	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 25.073 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW030281.D
Acq: 27 Sep 2024 15:37

Tgt Ion:180 Resp: 76248

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.6	113.4
145	32.0	25.6	38.4

