

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
 Data File : VW031300.D
 Acq On : 17 Dec 2024 03:49
 Operator : SY/MD
 Sample : P5258-05MS
 Misc : 5.67g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 12:45:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 17 02:36:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.819	114	1182072	25.000	ug/L	-0.02
28) Chlorobenzene-d5	11.623	117	855950	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	294761	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.345	65	285068	16.028	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.120%
7) Chloroethane-d5	2.838	69	47027	3.574	ug/L	-0.06
Spiked Amount	25.000	Range	30 - 150	Recovery	=	14.280%#
11) 1,1-Dichloroethene-d2	3.814	65	21516	2.550	ug/L	-0.20
Spiked Amount	25.000	Range	45 - 110	Recovery	=	10.200%#
21) 2-Butanone-d5	7.155	46	26210	7.825	ug/L	0.06
Spiked Amount	50.000	Range	20 - 135	Recovery	=	15.660%#
24) Chloroform-d	7.618	84	525919	16.238	ug/L	-0.03
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.960%
26) 1,2-Dichloroethane-d4	8.289	65	284038	17.462	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.840%#
32) Benzene-d6	8.234	84	1093038	19.924	ug/L	-0.04
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.680%
36) 1,2-Dichloropropane-d6	9.258	67	334686	20.932	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.720%
41) Toluene-d8	10.313	98	924730	18.119	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.480%
43) trans-1,3-Dichloroprop...	10.575	79	118334	16.051	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.200%
47) 2-Hexanone-d5	10.941	63	70104	32.603	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	145899	14.533	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	58.120%
66) 1,2-Dichlorobenzene-d4	13.849	152	177447	16.216	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	64.880%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.997	85	159139	14.896	ug/L	99
3) Chloromethane	2.210	50	219576	18.296	ug/L	99
5) Vinyl chloride	2.351	62	221036	13.290	ug/L	98
6) Bromomethane	2.759	94	55301	5.408	ug/L	98
8) Chloroethane	2.869	64	26142	2.643	ug/L	89
9) Trichlorofluoromethane	3.131	101	27541	1.554	ug/L	87
14) Carbon disulfide	4.167	76	399963	8.463	ug/L	100
16) Methylene chloride	4.801	84	70986	4.773	ug/L	91
18) Methyl tert-butyl Ether	5.435	73	212036	8.120	ug/L #	69
19) 1,1-Dichloroethane	6.124	63	334908	11.474	ug/L	99
20) cis-1,2-Dichloroethene	7.118	96	201819	11.942	ug/L	99
23) Bromochloromethane	7.466	128	87741	13.018	ug/L	96
25) Chloroform	7.648	83	408218	14.170	ug/L	97
27) 1,2-Dichloroethane	8.380	62	248172	13.703	ug/L	100
29) Cyclohexane	7.892	56	253739	10.931	ug/L	98
30) 1,1,1-Trichloroethane	7.825	97	286177	12.935	ug/L	99
31) Carbon tetrachloride	8.020	117	263673	13.377	ug/L	100
33) Benzene	8.283	78	823874	15.575	ug/L	100
34) Trichloroethene	9.069	95	216407	14.491	ug/L	92

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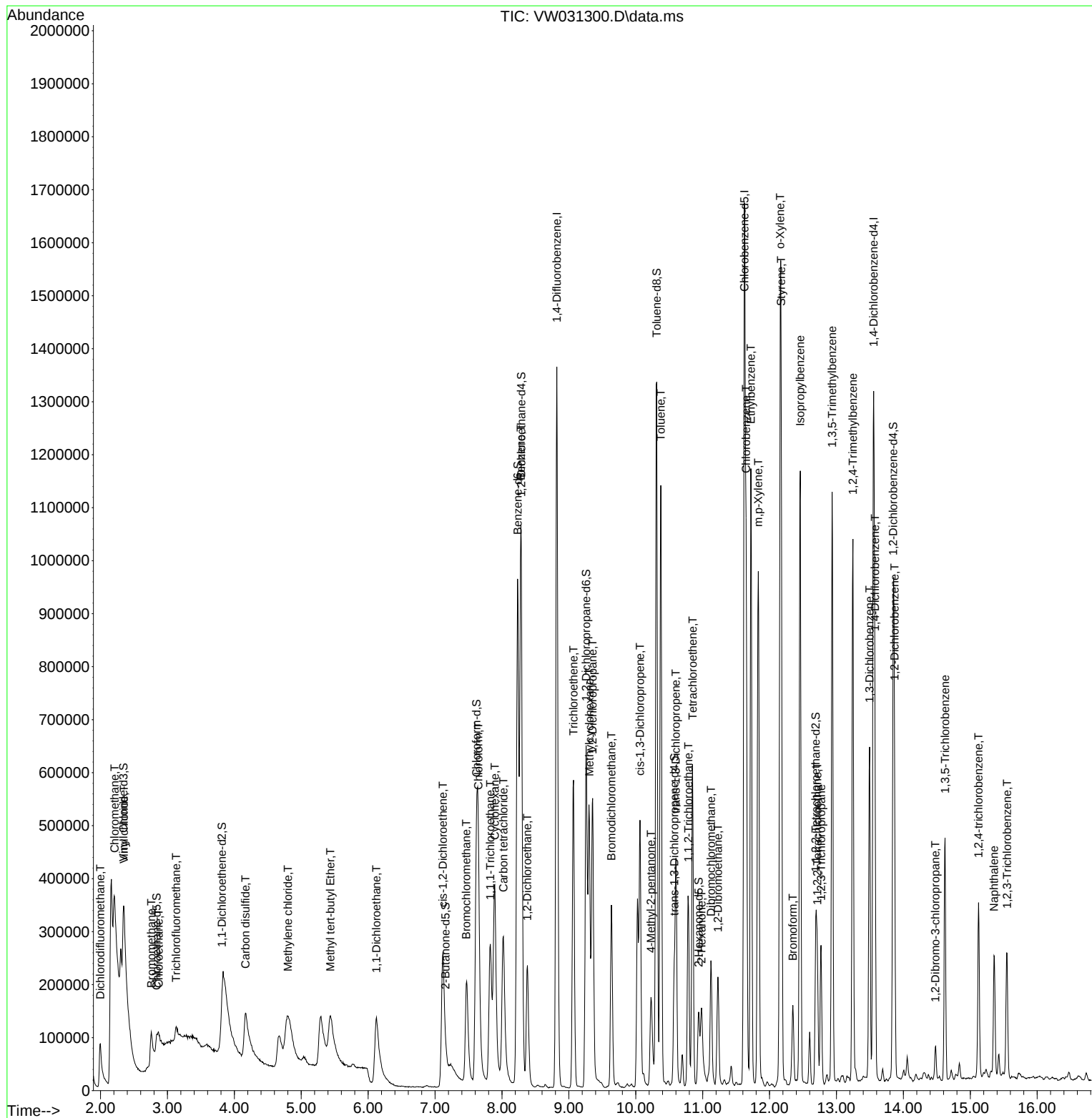
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Methylcyclohexane	9.307	83	260655	10.023	ug/L	97
37) 1,2-Dichloropropane	9.355	63	201685	15.284	ug/L	100
38) Bromodichloromethane	9.636	83	244075	14.228	ug/L	96
39) cis-1,3-Dichloropropene	10.063	75	304200	13.642	ug/L	98
40) 4-Methyl-2-pentanone	10.227	43	178937	25.559	ug/L	96
42) Toluene	10.374	91	830305	14.418	ug/L	94
44) trans-1,3-Dichloropropene	10.599	75	237804	13.061	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	123061	14.021	ug/L	95
46) Tetrachloroethene	10.849	164	134014	12.251	ug/L	93
48) 2-Hexanone	10.983	43	120398	20.221	ug/L	99
49) Dibromochloromethane	11.123	129	130506	12.544	ug/L	91
50) 1,2-Dibromoethane	11.227	107	116421	14.002	ug/L	95
51) Chlorobenzene	11.648	112	466047	12.907	ug/L	98
52) Ethylbenzene	11.721	91	800436	11.992	ug/L	98
53) m,p-Xylene	11.831	106	315841	12.430	ug/L	100
54) o-Xylene	12.160	106	300604	12.553	ug/L	100
55) Styrene	12.172	104	470331	11.808	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	108650	11.483	ug/L	94
59) Bromoform	12.349	173	59638	14.402	ug/L	99
60) Isopropylbenzene	12.459	105	727038	15.072	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	89419	17.728	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	575817	14.080	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	556489	14.079	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	253511	12.972	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	249552	12.888	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	209749	12.456	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.477	75	16382	12.799	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	132646	9.691	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	96718	8.495	ug/L	97
71) Naphthalene	15.354	128	201309	10.085	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	77186	8.414	ug/L	99

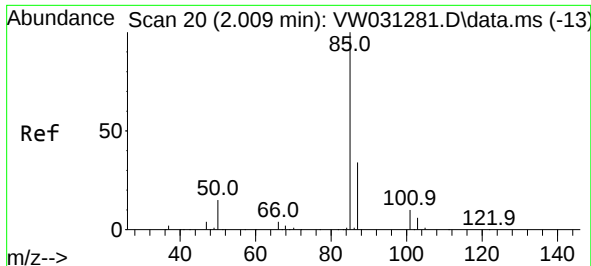
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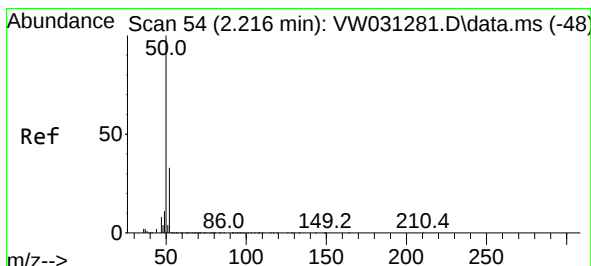
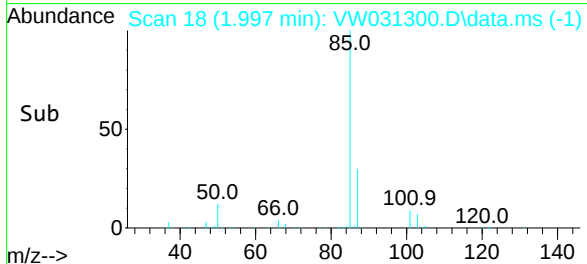
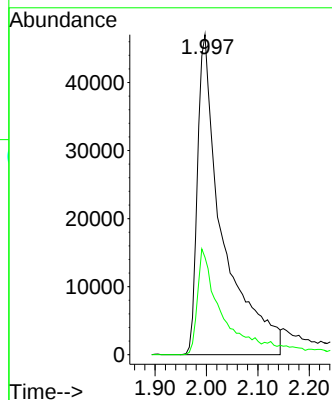
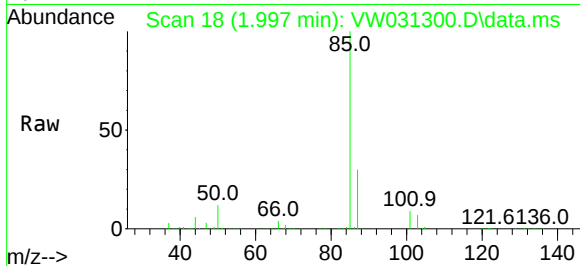




#2
 Dichlorodifluoromethane
 Concen: 14.896 ug/L
 RT: 1.997 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VW031300.D
 Acq: 17 Dec 2024 03:49

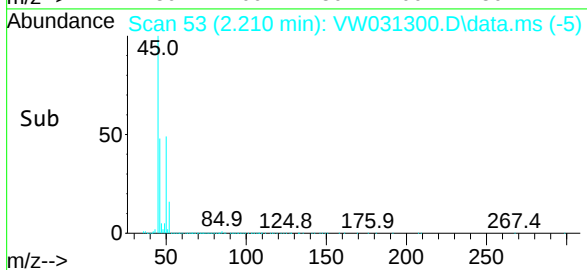
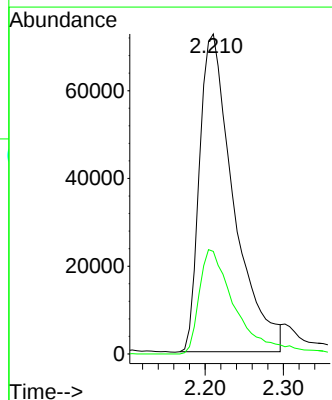
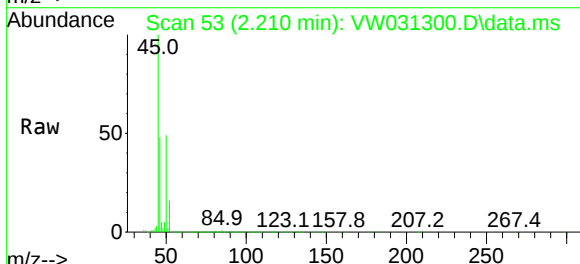
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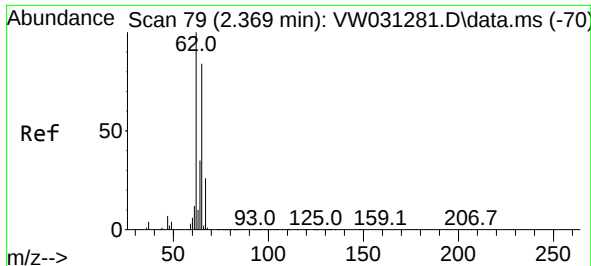
Tgt Ion: 85 Resp: 159139
 Ion Ratio Lower Upper
 85 100
 87 30.3 24.9 37.3



#3
 Chloromethane
 Concen: 18.296 ug/L
 RT: 2.210 min Scan# 53
 Delta R.T. -0.006 min
 Lab File: VW031300.D
 Acq: 17 Dec 2024 03:49

Tgt Ion: 50 Resp: 219576
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.0 41.0

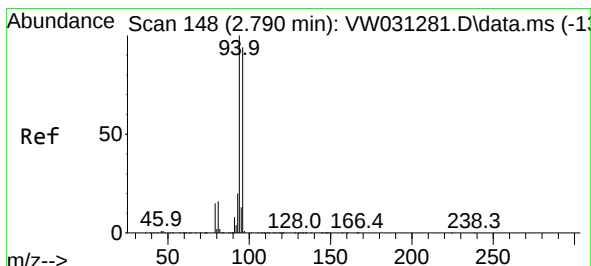
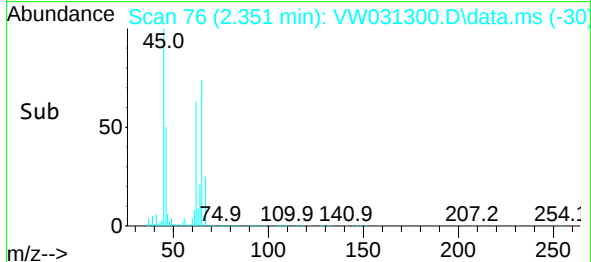
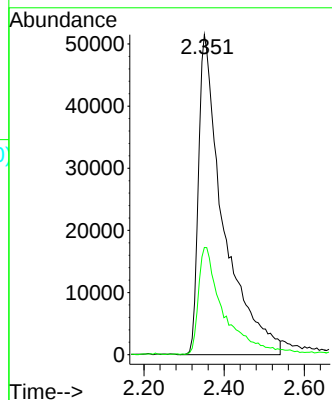
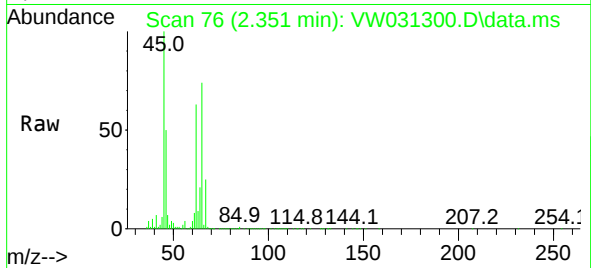




#5
 Vinyl chloride
 Concen: 13.290 ug/L
 RT: 2.351 min Scan# 70
 Delta R.T. -0.018 min
 Lab File: VW031300.D
 Acq: 17 Dec 2024 03:49

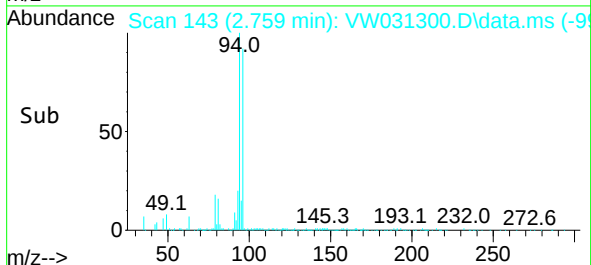
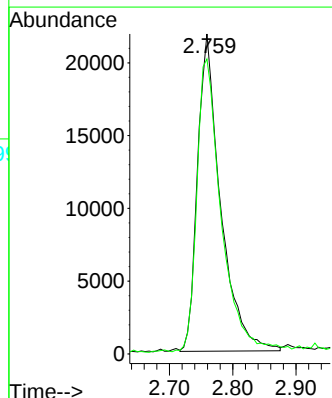
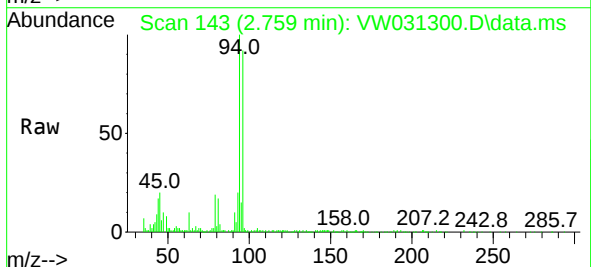
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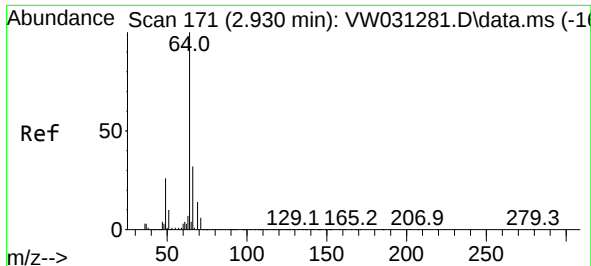
Tgt Ion: 62 Resp: 221036
 Ion Ratio Lower Upper
 62 100
 64 33.5 24.1 44.8



#6
 Bromomethane
 Concen: 5.408 ug/L
 RT: 2.759 min Scan# 143
 Delta R.T. -0.030 min
 Lab File: VW031300.D
 Acq: 17 Dec 2024 03:49

Tgt Ion: 94 Resp: 55301
 Ion Ratio Lower Upper
 94 100
 96 92.2 65.6 121.8

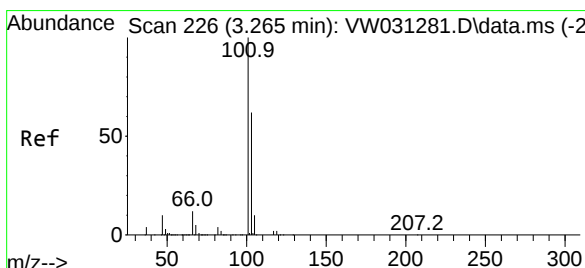
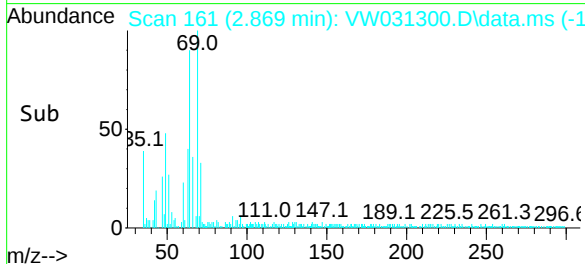
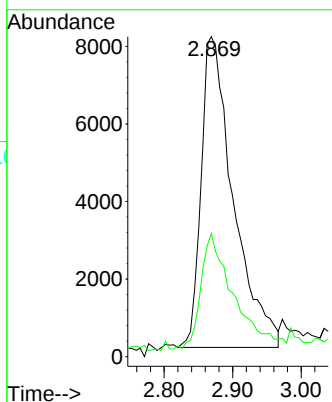
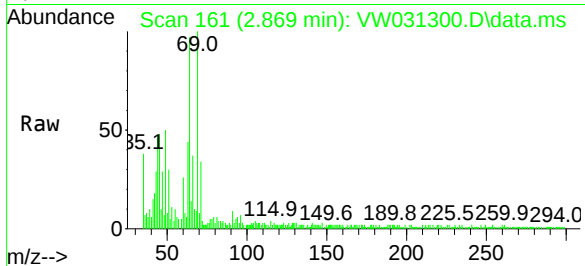




#8
Chloroethane
Concen: 2.643 ug/L
RT: 2.869 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

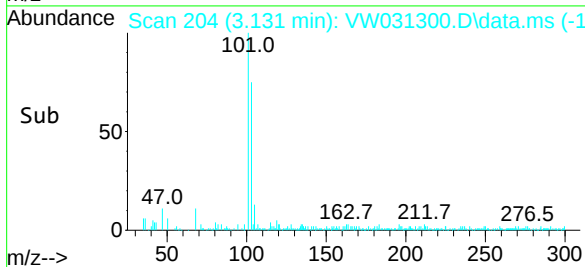
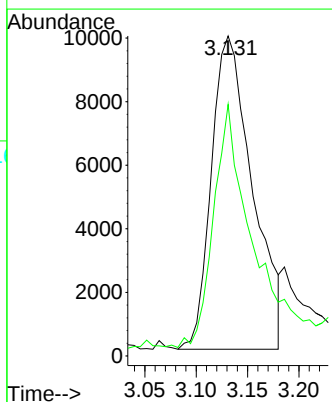
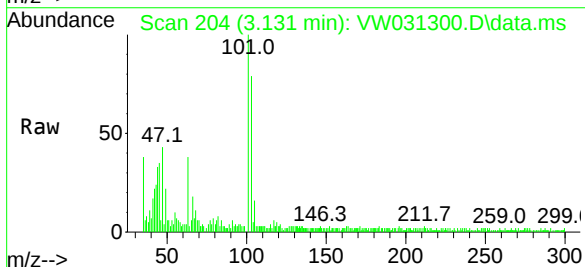
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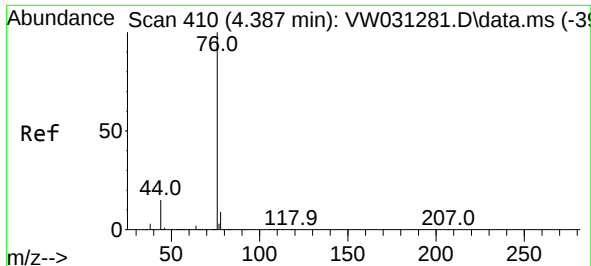
Tgt Ion: 64 Resp: 26142
Ion Ratio Lower Upper
64 100
66 38.5 22.7 42.3



#9
Trichlorofluoromethane
Concen: 1.554 ug/L
RT: 3.131 min Scan# 204
Delta R.T. -0.134 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Tgt Ion:101 Resp: 27541
Ion Ratio Lower Upper
101 100
103 74.5 51.6 77.4

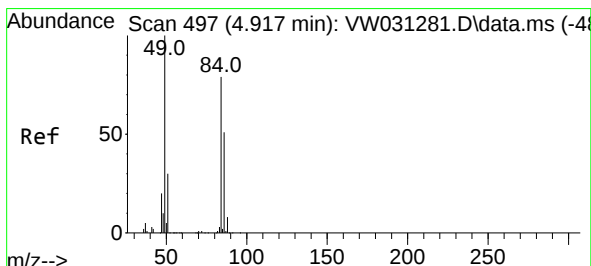
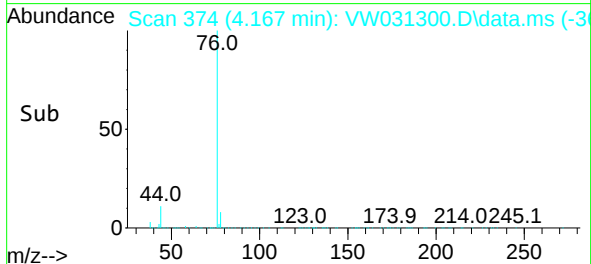
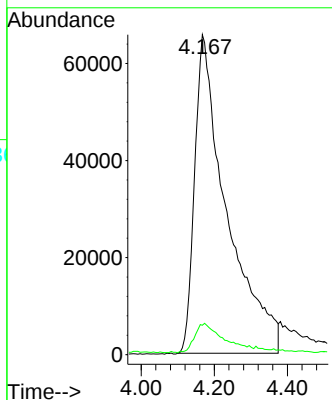
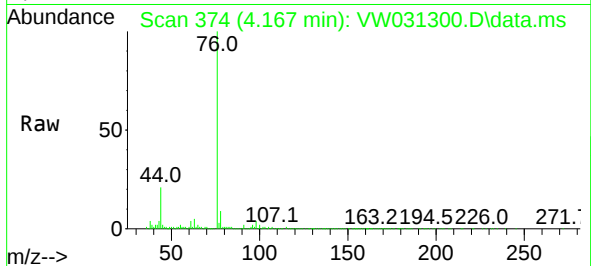




#14
Carbon disulfide
Concen: 8.463 ug/L
RT: 4.167 min Scan# 31
Delta R.T. -0.219 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

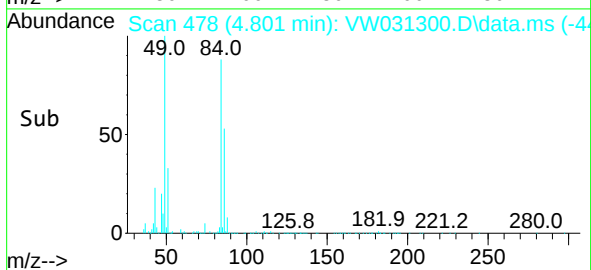
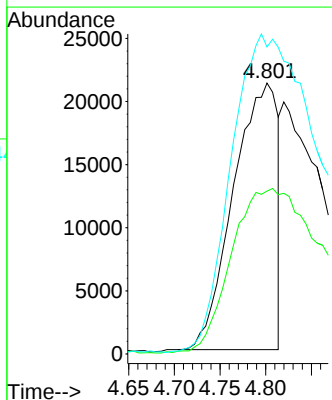
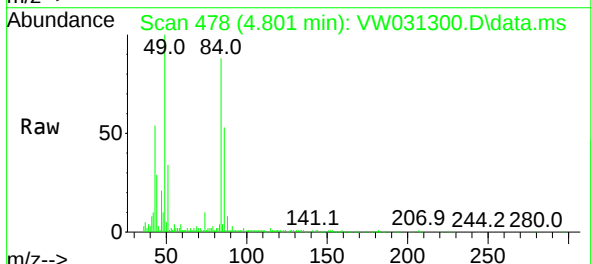
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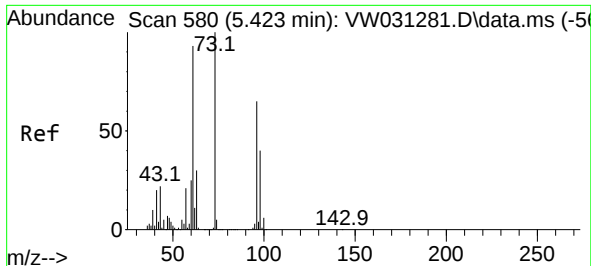
Tgt Ion: 76 Resp: 399963
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#16
Methylene chloride
Concen: 4.773 ug/L
RT: 4.801 min Scan# 478
Delta R.T. -0.116 min
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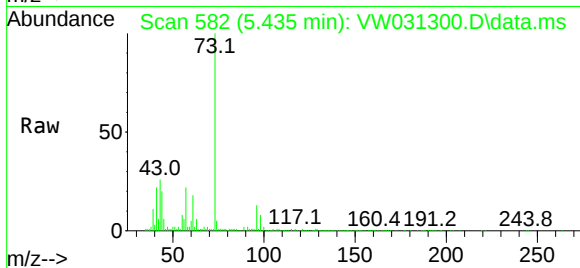
Tgt Ion: 84 Resp: 70986
Ion Ratio Lower Upper
84 100
86 60.1 44.7 82.9
49 113.3 88.3 164.1



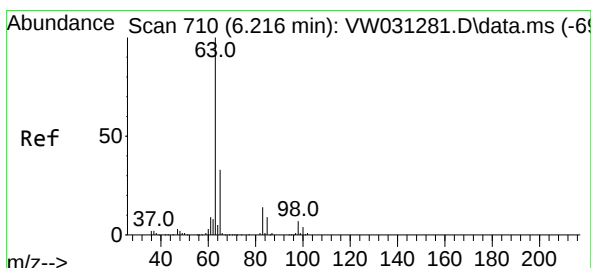
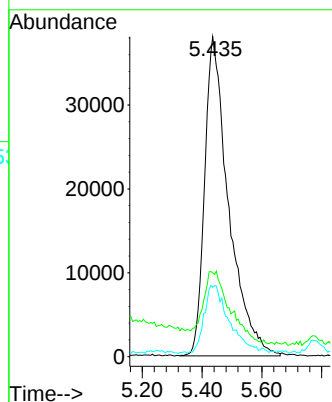
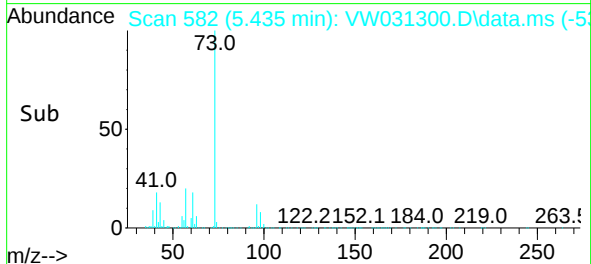


#18
Methyl tert-butyl Ether
Concen: 8.120 ug/L
RT: 5.435 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW031300.D
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ClientSampleId :

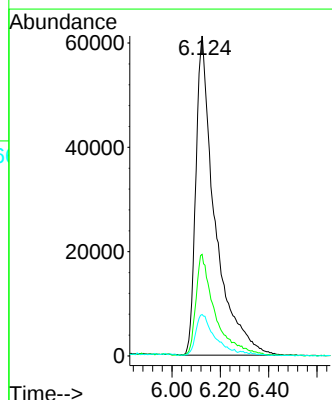
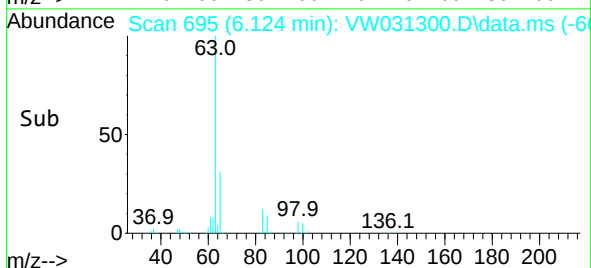
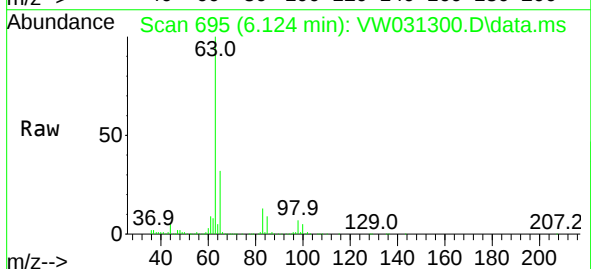


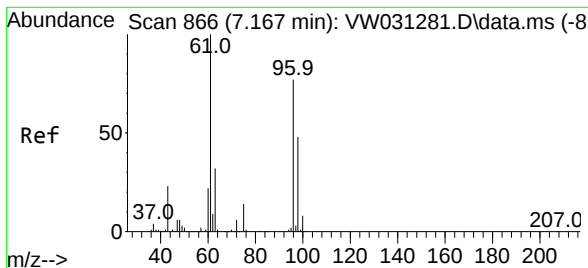
Tgt Ion: 73 Resp: 212036
Ion Ratio Lower Upper
73 100
43 7.6 17.9 26.9#
57 7.9 17.9 26.9#



#19
1,1-Dichloroethane
Concen: 11.474 ug/L
RT: 6.124 min Scan# 695
Delta R.T. -0.091 min
Lab File: VW031300.D
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Tgt Ion: 63 Resp: 334908
Ion Ratio Lower Upper
63 100
65 31.7 21.9 40.7
83 12.9 9.3 17.3





#20

cis-1,2-Dichloroethene

Concen: 11.942 ug/L

RT: 7.118 min Scan# 81

Delta R.T. -0.049 min

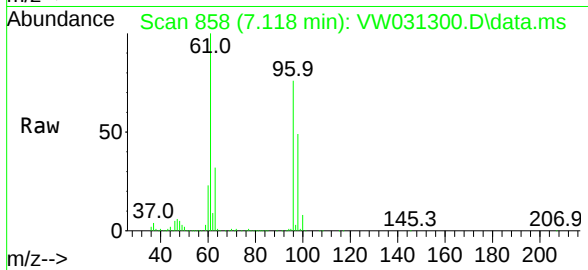
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ClientSampleId :



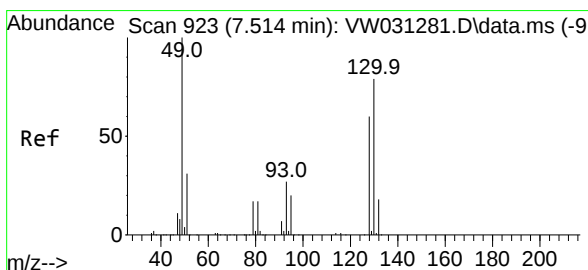
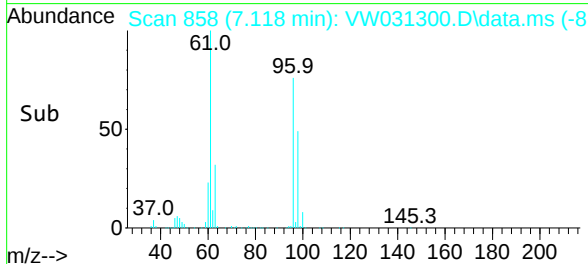
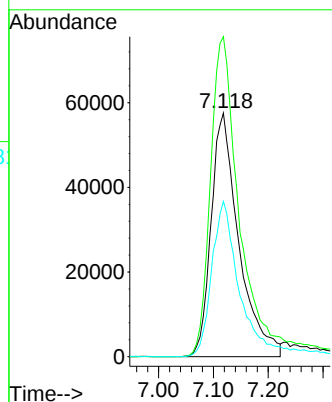
Tgt Ion: 96 Resp: 201819

Ion Ratio Lower Upper

96 100

61 131.3 92.2 171.2

98 63.7 43.7 81.1



#23

Bromochloromethane

Concen: 13.018 ug/L

RT: 7.466 min Scan# 915

Delta R.T. -0.049 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

Tgt Ion:128 Resp: 87741

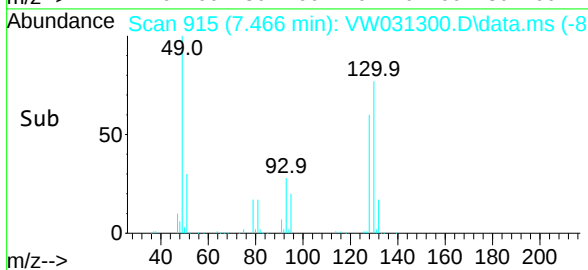
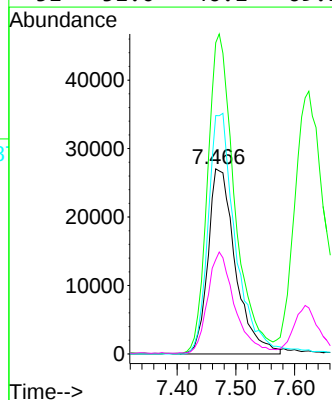
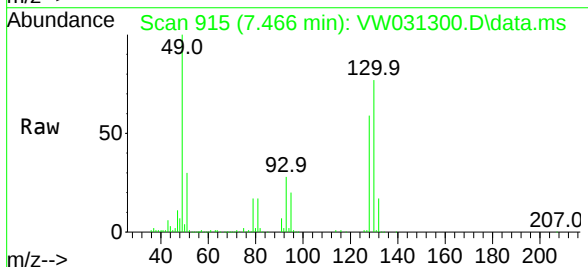
Ion Ratio Lower Upper

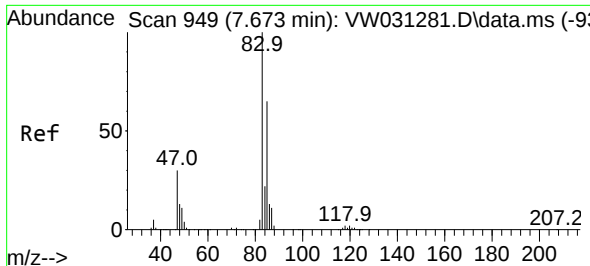
128 100

49 168.2 123.7 229.7

130 128.8 90.3 167.7

51 51.0 46.1 69.1

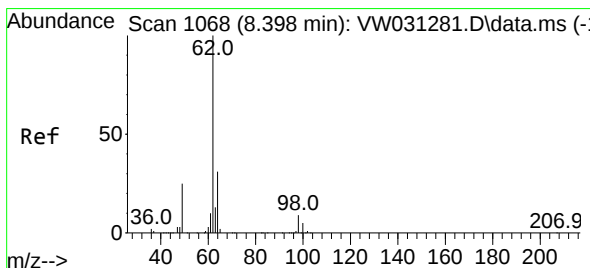
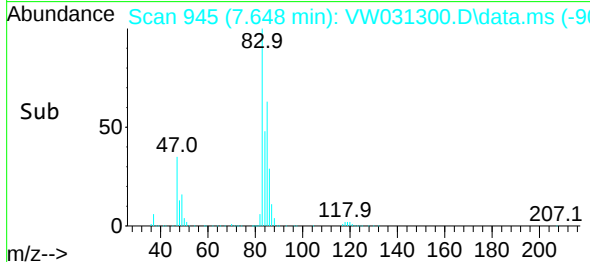
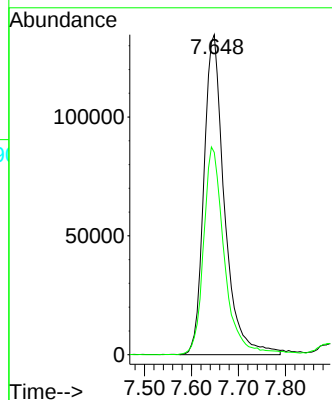
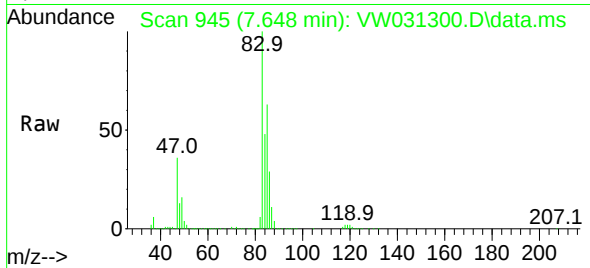




#25
Chloroform
Concen: 14.170 ug/L
RT: 7.648 min Scan# 949
Delta R.T. -0.024 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

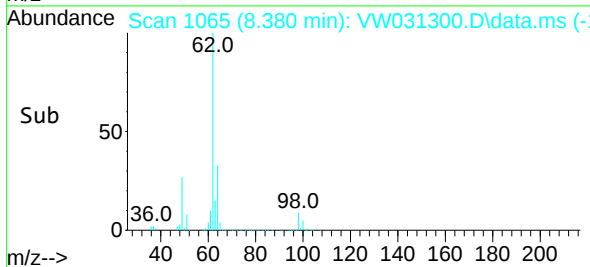
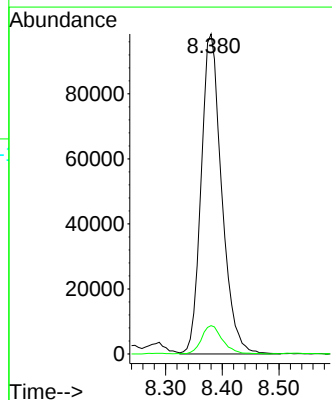
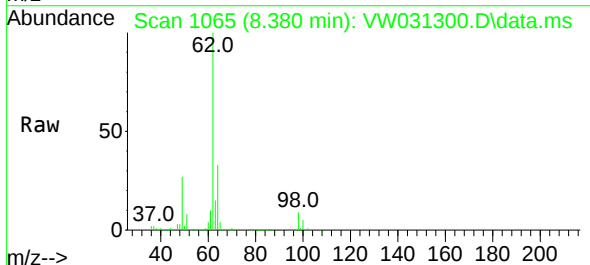
Instrument :
MSVOA_W
ClientSampleId :

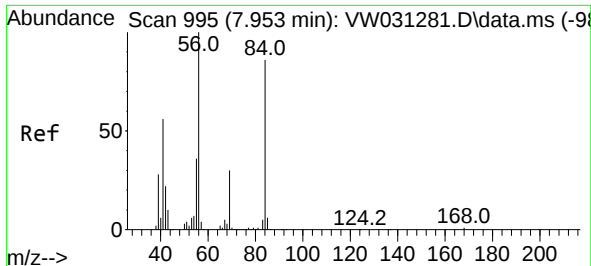
Tgt Ion: 83 Resp: 408218
Ion Ratio Lower Upper
83 100
85 63.2 46.1 85.5



#27
1,2-Dichloroethane
Concen: 13.703 ug/L
RT: 8.380 min Scan# 1065
Delta R.T. -0.018 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

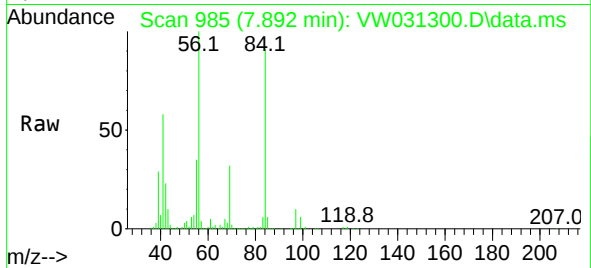
Tgt Ion: 62 Resp: 248172
Ion Ratio Lower Upper
62 100
98 8.8 7.2 10.8



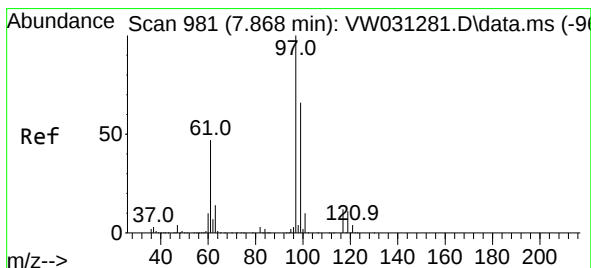
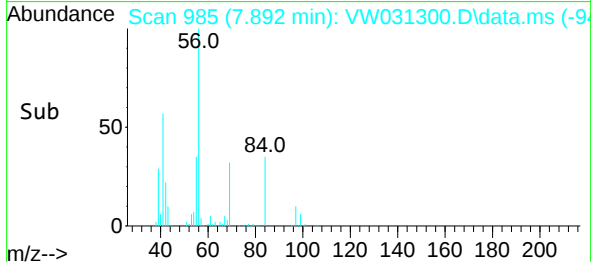
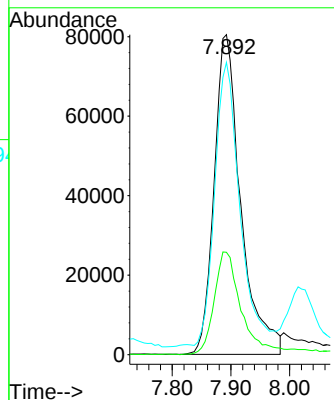


#29
Cyclohexane
Concen: 10.931 ug/L
RT: 7.892 min Scan# 91
Delta R.T. -0.061 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :

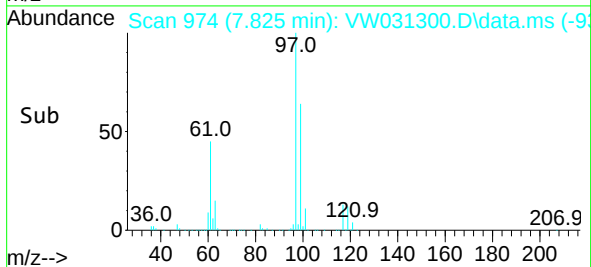
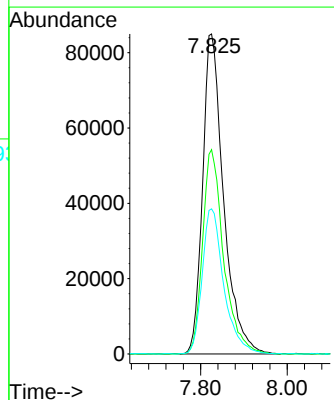
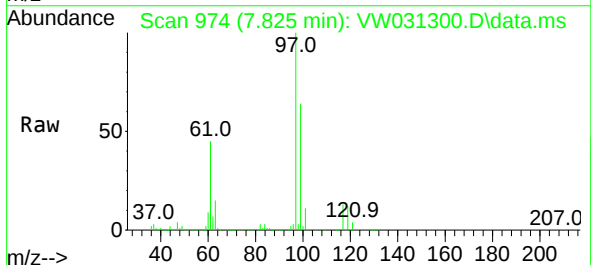


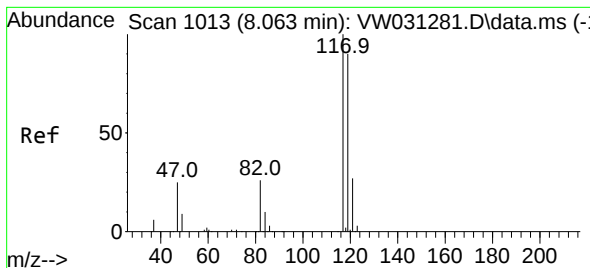
Tgt Ion: 56 Resp: 253739
Ion Ratio Lower Upper
56 100
69 32.7 25.0 37.4
84 83.9 68.9 103.3



#30
1,1,1-Trichloroethane
Concen: 12.935 ug/L
RT: 7.825 min Scan# 974
Delta R.T. -0.043 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Tgt Ion: 97 Resp: 286177
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 46.8 36.3 54.5





#31

Carbon tetrachloride

Concen: 13.377 ug/L

RT: 8.020 min Scan# 1049

Delta R.T. -0.043 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

Instrument :

MSVOA_W

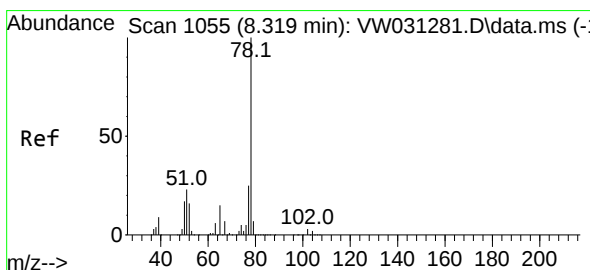
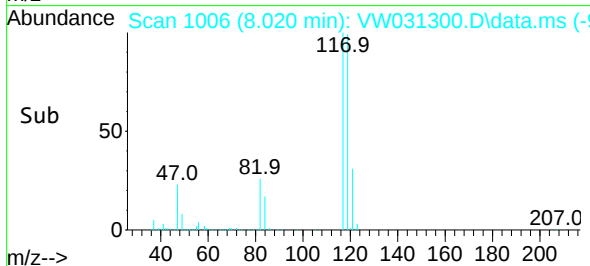
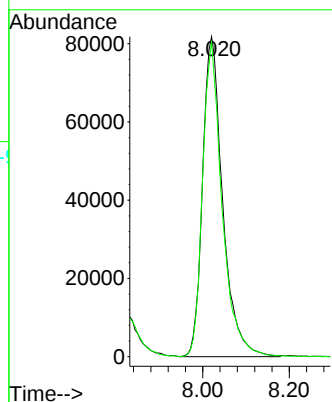
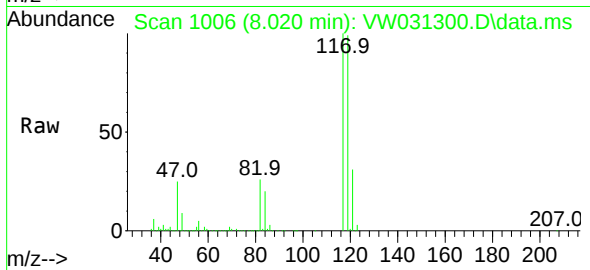
ClientSampleId :

Tgt Ion:117 Resp: 263673

Ion Ratio Lower Upper

117 100

119 95.1 76.0 114.0



#33

Benzene

Concen: 15.575 ug/L

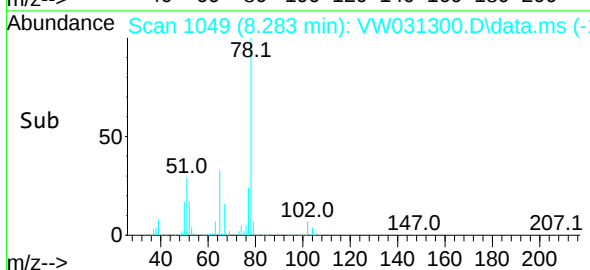
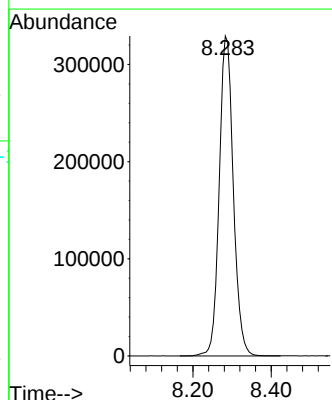
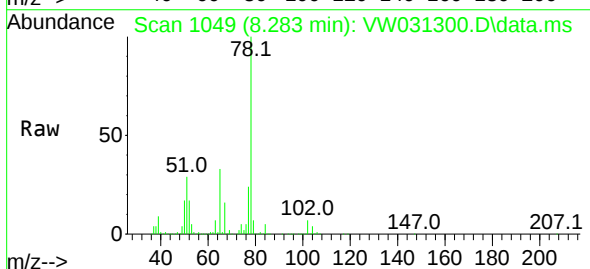
RT: 8.283 min Scan# 1049

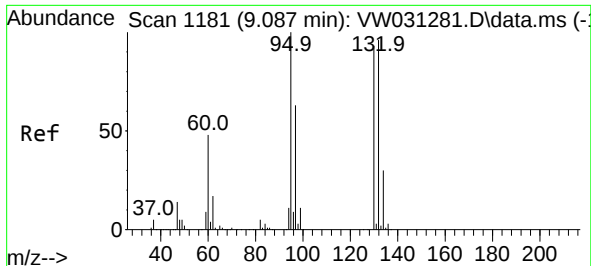
Delta R.T. -0.037 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

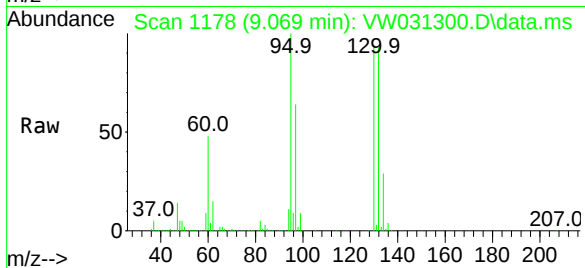
Tgt Ion: 78 Resp: 823874



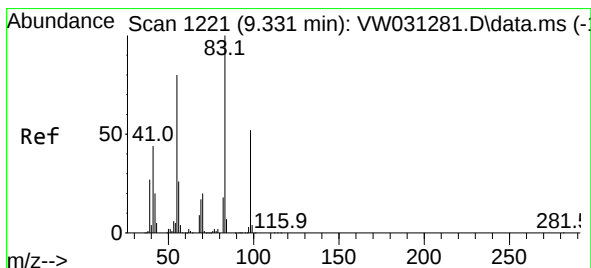
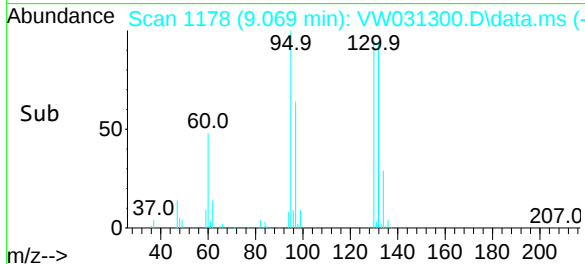
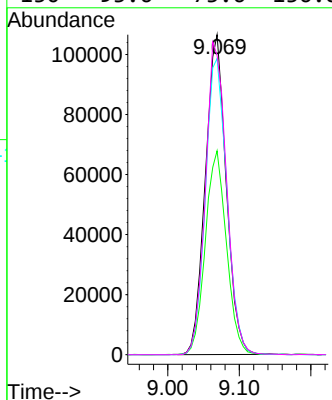


#34
Trichloroethene
Concen: 14.491 ug/L
RT: 9.069 min Scan# 1181
Delta R.T. -0.018 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :

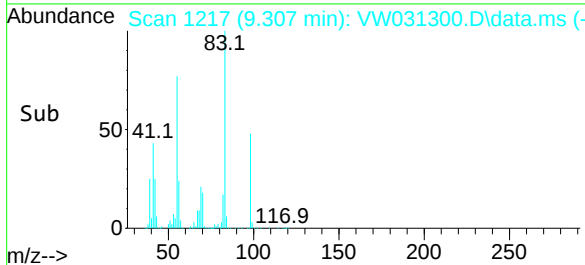
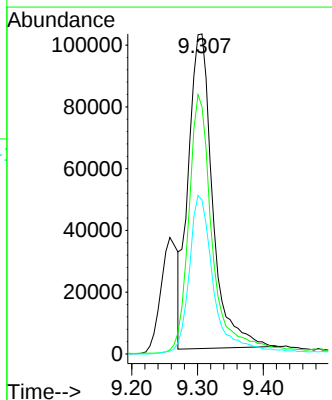
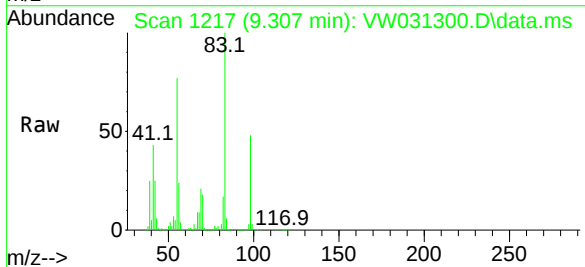


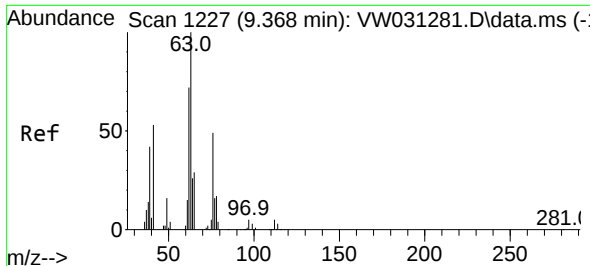
Tgt Ion: 95 Resp: 216407
Ion Ratio Lower Upper
95 100
97 63.7 46.5 86.3
132 92.6 70.3 130.5
130 93.6 73.6 136.8



#35
Methylcyclohexane
Concen: 10.023 ug/L
RT: 9.307 min Scan# 1217
Delta R.T. -0.024 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Tgt Ion: 83 Resp: 260655
Ion Ratio Lower Upper
83 100
55 80.8 62.6 93.8
98 51.2 39.8 59.6





#37

1,2-Dichloropropane

Concen: 15.284 ug/L

RT: 9.355 min Scan# 11

Delta R.T. -0.012 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

Instrument :

MSVOA_W

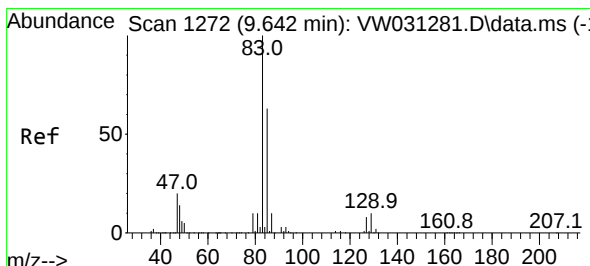
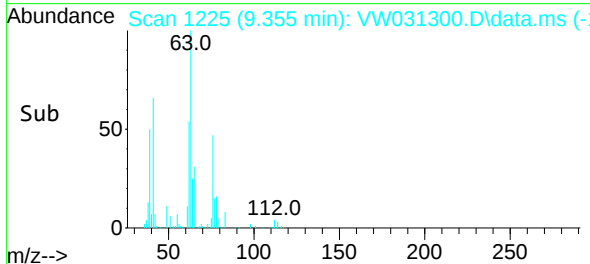
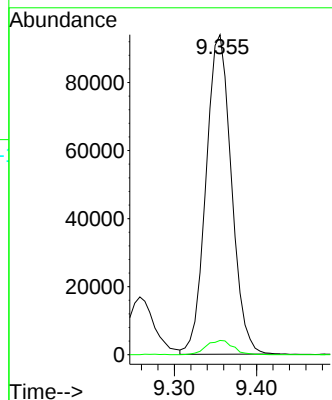
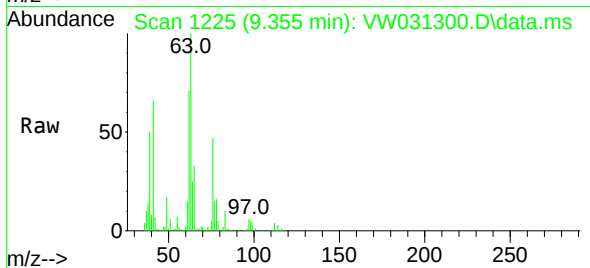
ClientSampleId :

Tgt Ion: 63 Resp: 201685

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 14.228 ug/L

RT: 9.636 min Scan# 1271

Delta R.T. -0.006 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

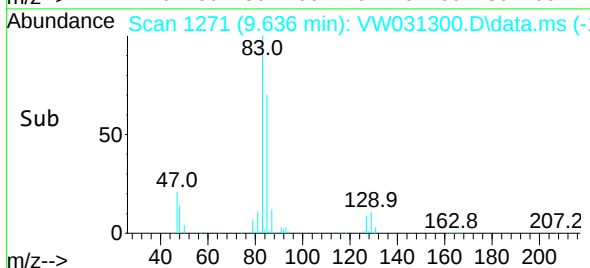
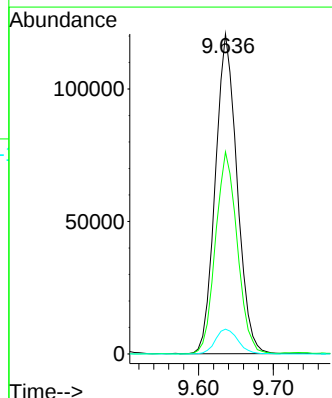
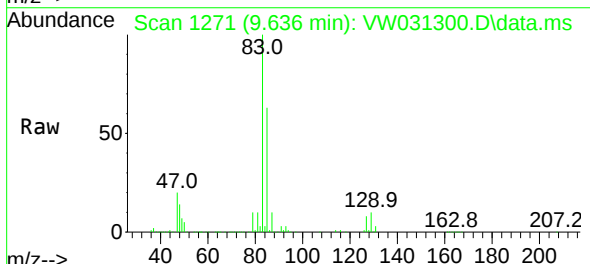
Tgt Ion: 83 Resp: 244075

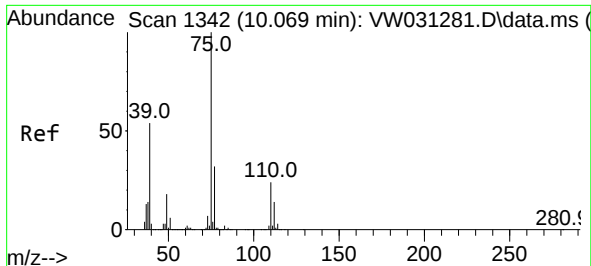
Ion Ratio Lower Upper

83 100

85 63.2 46.5 86.5

127 7.7 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 13.642 ug/L

RT: 10.063 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

Instrument :

MSVOA_W

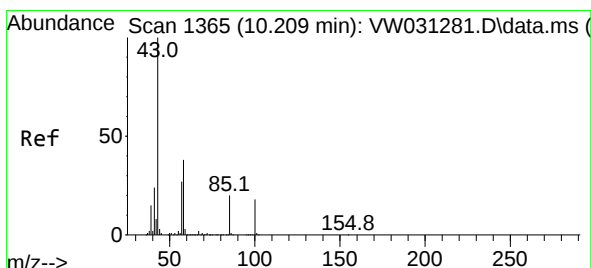
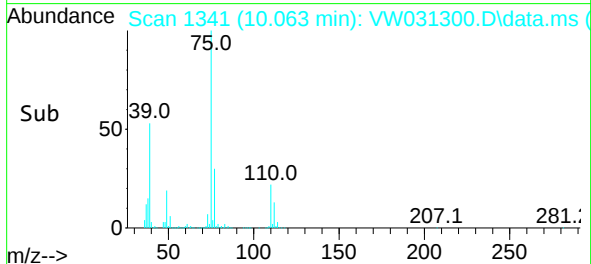
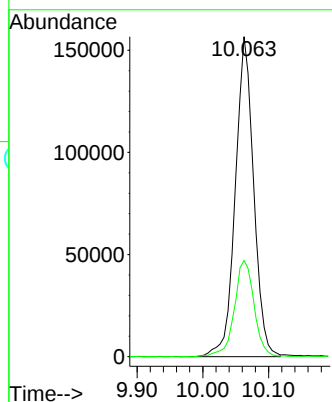
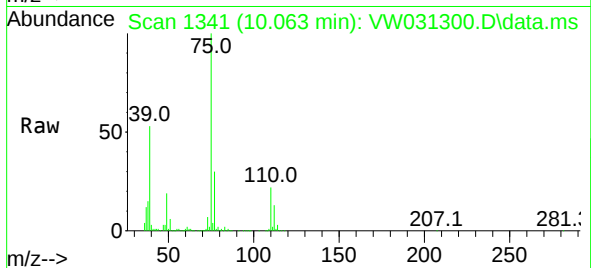
ClientSampleId :

Tgt Ion: 75 Resp: 304200

Ion Ratio Lower Upper

75 100

77 30.1 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 25.559 ug/L

RT: 10.227 min Scan# 1368

Delta R.T. 0.018 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

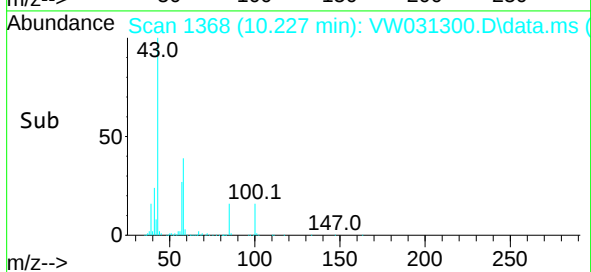
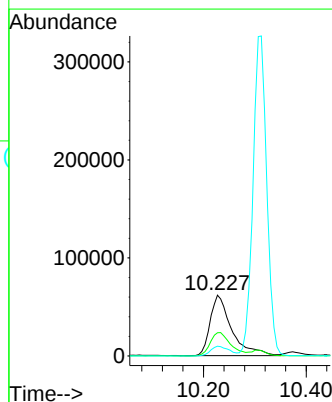
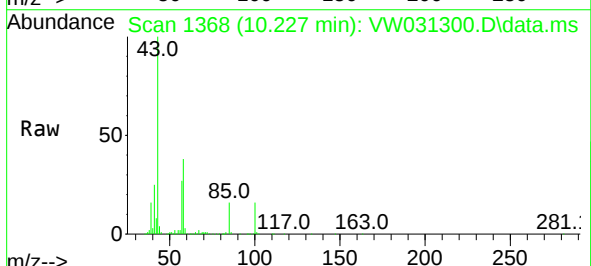
Tgt Ion: 43 Resp: 178937

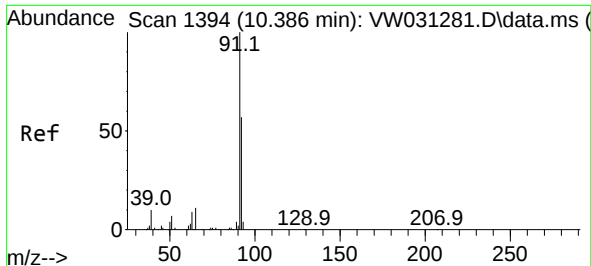
Ion Ratio Lower Upper

43 100

58 36.8 31.1 46.7

100 14.0 13.0 19.6

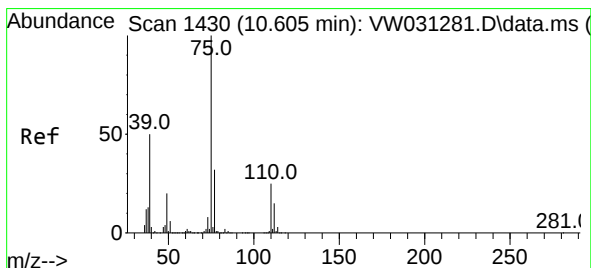
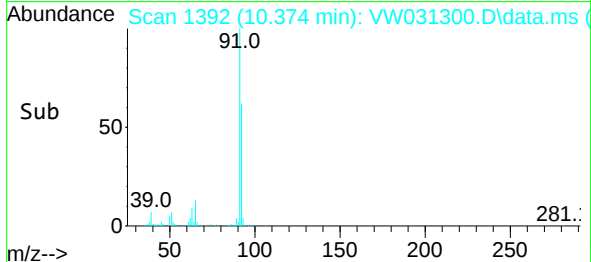
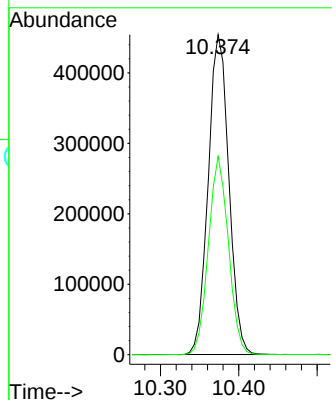
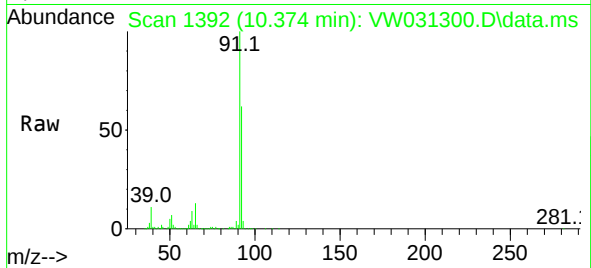




#42
Toluene
Concen: 14.418 ug/L
RT: 10.374 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

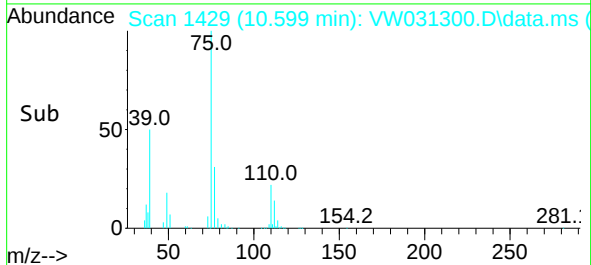
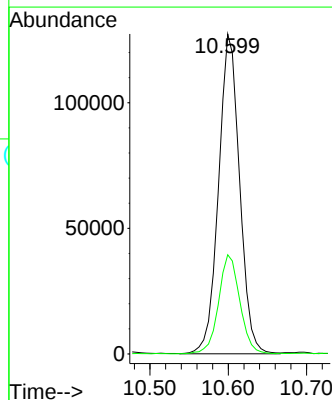
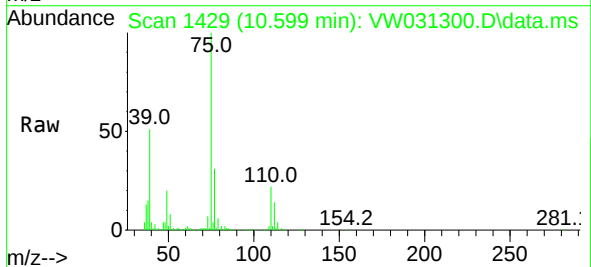
Instrument :
MSVOA_W
ClientSampleId :

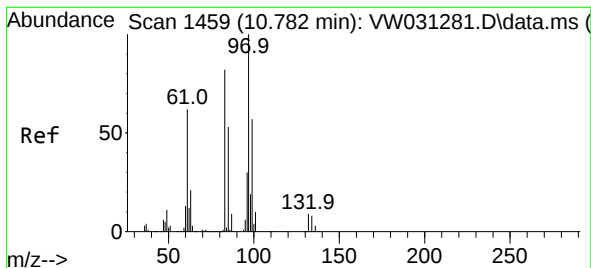
Tgt Ion: 91 Resp: 830305
Ion Ratio Lower Upper
91 100
92 62.0 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 13.061 ug/L
RT: 10.599 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Tgt Ion: 75 Resp: 237804
Ion Ratio Lower Upper
75 100
77 31.0 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 14.021 ug/L

RT: 10.788 min Scan# 14

Delta R.T. 0.006 min

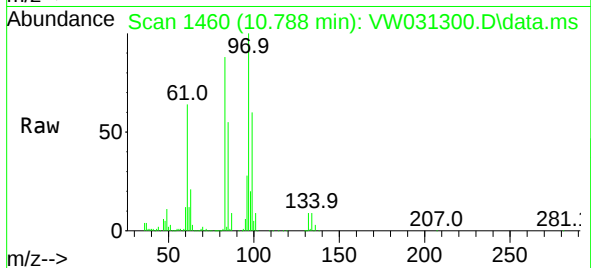
Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 123061

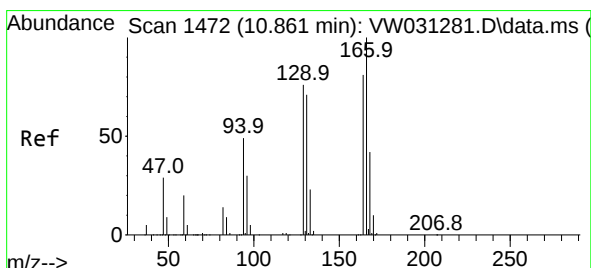
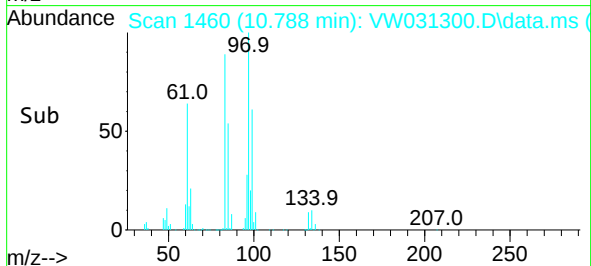
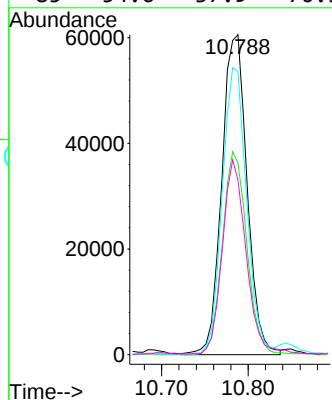
Ion Ratio Lower Upper

97 100

99 59.9 43.0 80.0

83 88.4 56.4 104.7

85 54.6 37.9 70.3



#46

Tetrachloroethene

Concen: 12.251 ug/L

RT: 10.849 min Scan# 1470

Delta R.T. -0.012 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

Tgt Ion:164 Resp: 134014

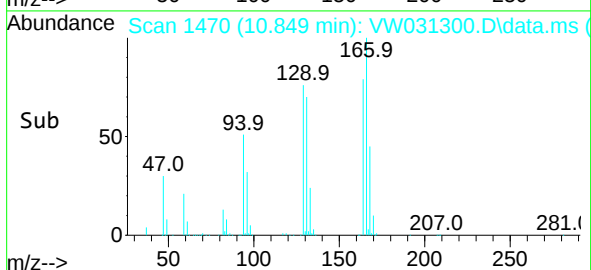
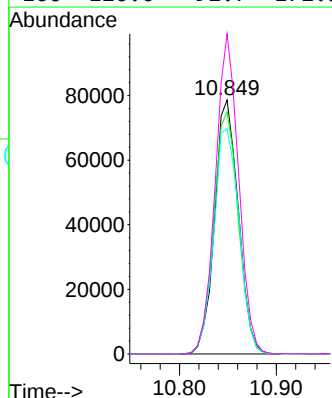
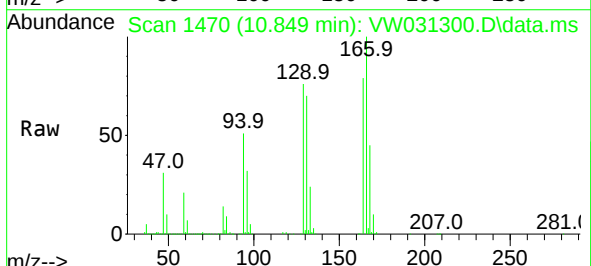
Ion Ratio Lower Upper

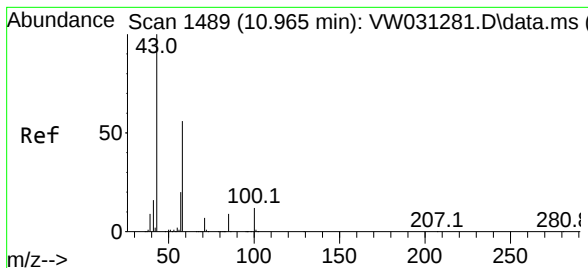
164 100

129 95.4 73.5 136.5

131 88.8 66.6 123.8

166 126.0 92.7 172.3





#48

2-Hexanone

Concen: 20.221 ug/L

RT: 10.983 min Scan# 1492

Delta R.T. 0.018 min

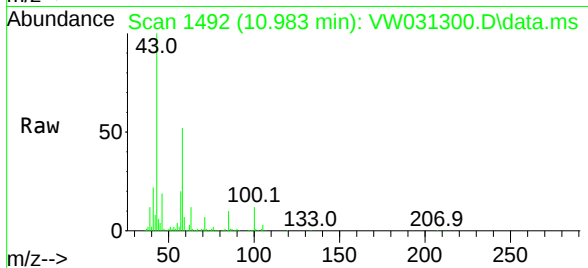
Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 120398

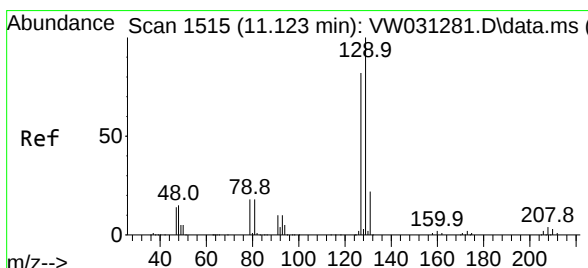
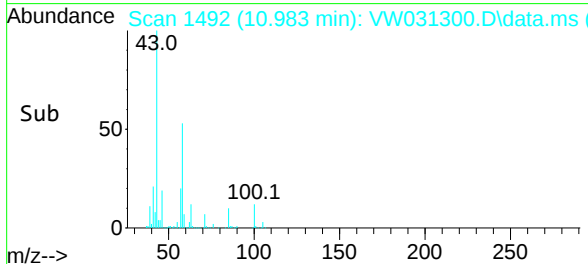
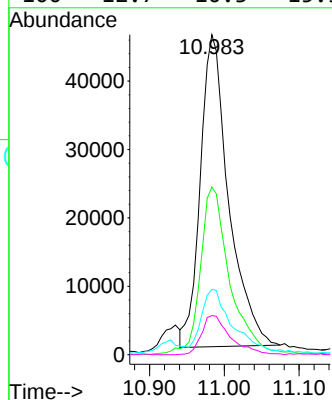
Ion Ratio Lower Upper

43 100

58 54.3 43.0 64.6

57 21.6 15.7 23.5

100 12.7 10.3 15.5



#49

Dibromochloromethane

Concen: 12.544 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW031300.D

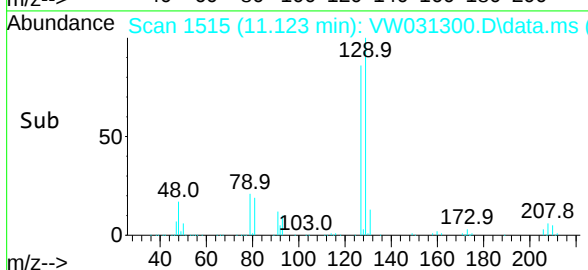
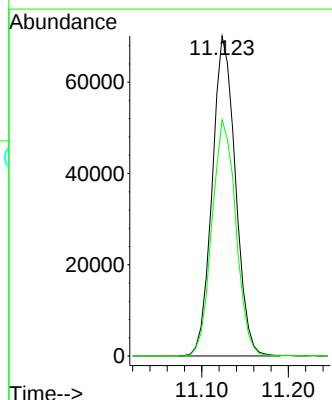
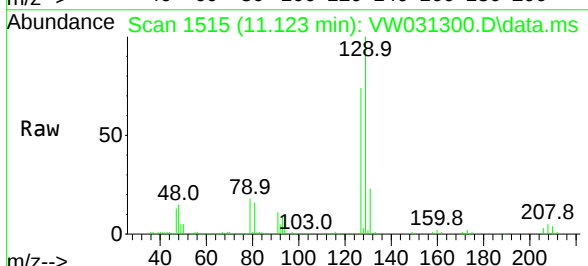
Acq: 17 Dec 2024 03:49

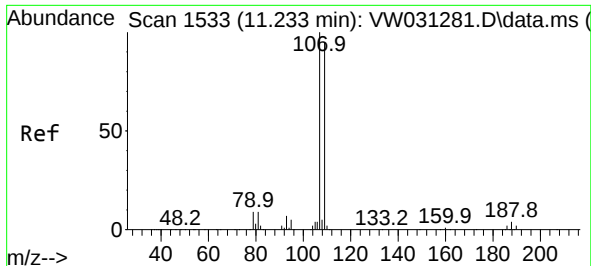
Tgt Ion:129 Resp: 130506

Ion Ratio Lower Upper

129 100

127 73.8 57.6 107.0





#50

1,2-Dibromoethane

Concen: 14.002 ug/L

RT: 11.227 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

Instrument :

MSVOA_W

ClientSampleId :

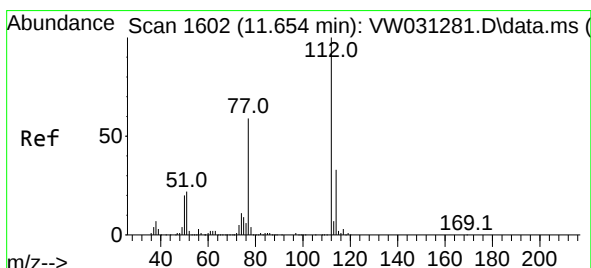
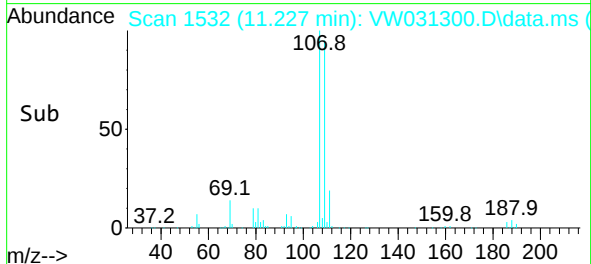
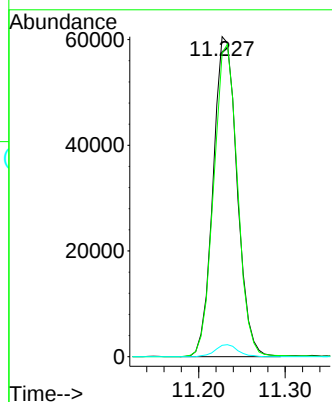
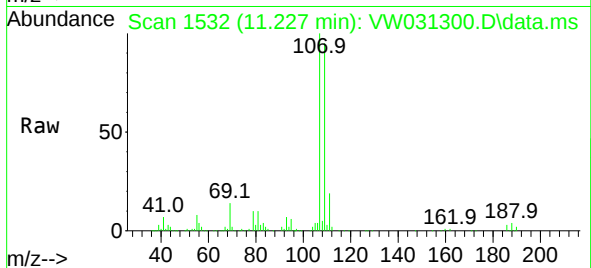
Tgt Ion:107 Resp: 116421

Ion Ratio Lower Upper

107 100

109 94.9 63.2 117.4

188 3.6 2.6 4.0



#51

Chlorobenzene

Concen: 12.907 ug/L

RT: 11.648 min Scan# 1601

Delta R.T. -0.006 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

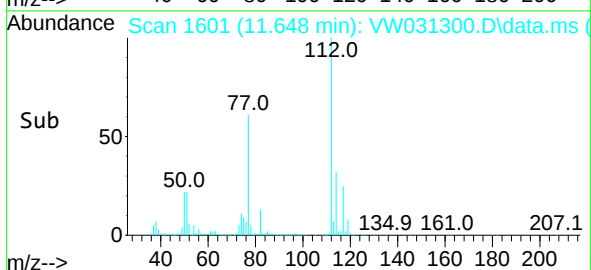
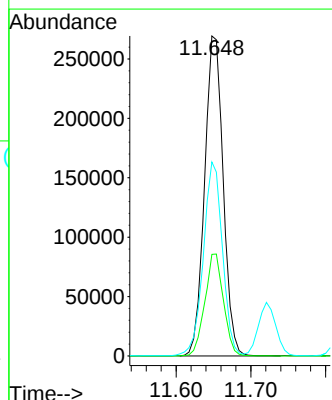
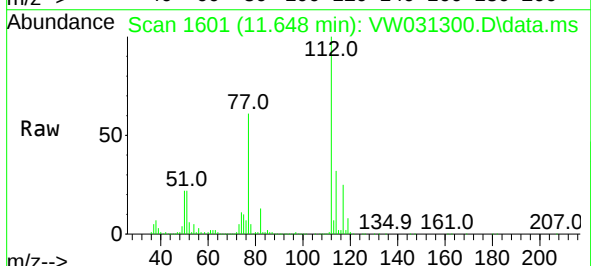
Tgt Ion:112 Resp: 466047

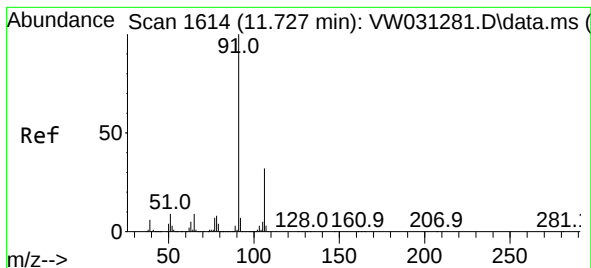
Ion Ratio Lower Upper

112 100

114 31.8 22.7 42.3

77 60.6 50.2 75.4

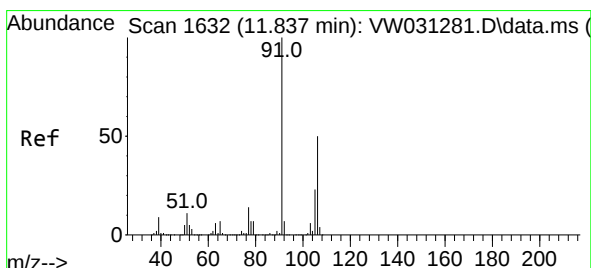
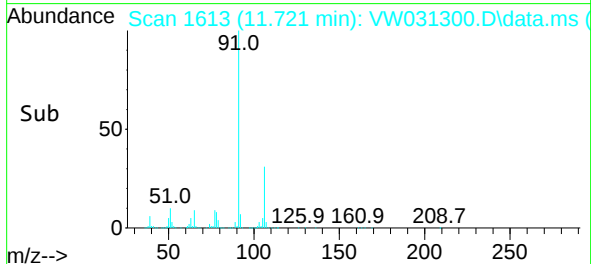
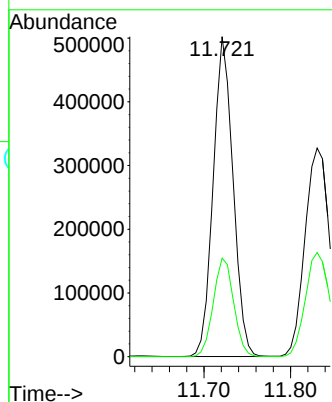
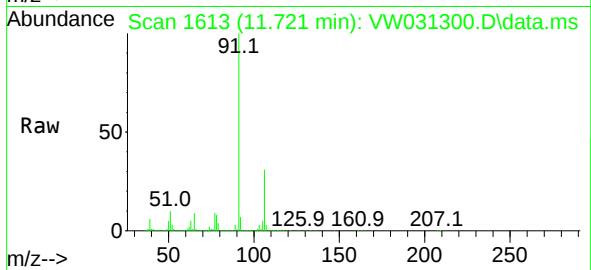




#52
Ethylbenzene
Concen: 11.992 ug/L
RT: 11.721 min Scan# 1613
Delta R.T. -0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

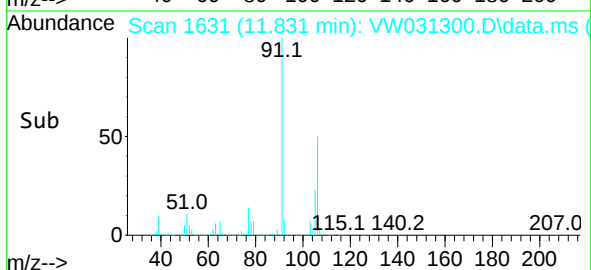
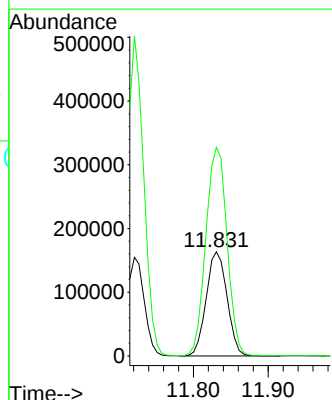
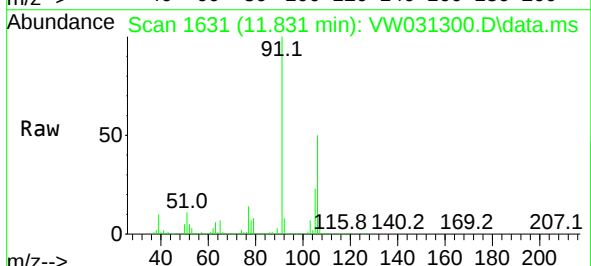
Instrument :
MSVOA_W
ClientSampleId :

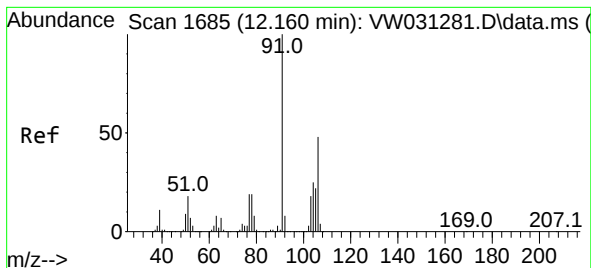
Tgt Ion: 91 Resp: 800436
Ion Ratio Lower Upper
91 100
106 30.8 20.7 38.5



#53
m,p-Xylene
Concen: 12.430 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Tgt Ion: 106 Resp: 315841
Ion Ratio Lower Upper
106 100
91 200.3 139.9 259.7





#54

o-Xylene

Concen: 12.553 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

Instrument :

MSVOA_W

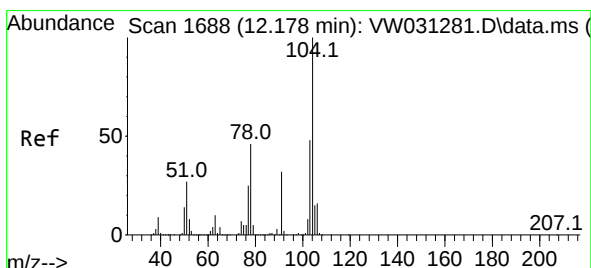
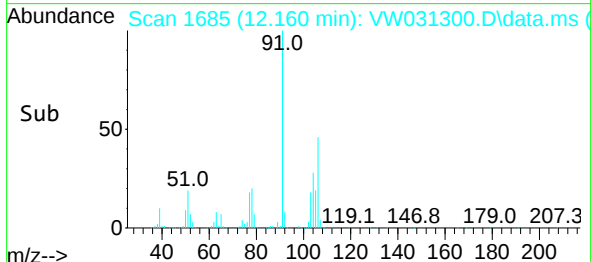
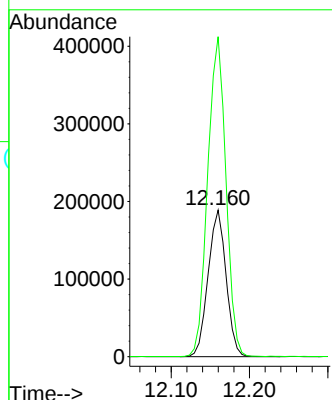
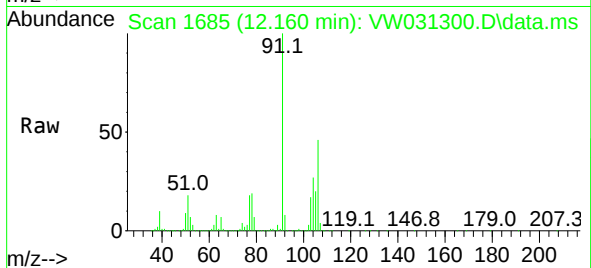
ClientSampleId :

Tgt Ion:106 Resp: 300604

Ion Ratio Lower Upper

106 100

91 218.4 153.1 284.3



#55

Styrene

Concen: 11.808 ug/L

RT: 12.172 min Scan# 1687

Delta R.T. -0.006 min

Lab File: VW031300.D

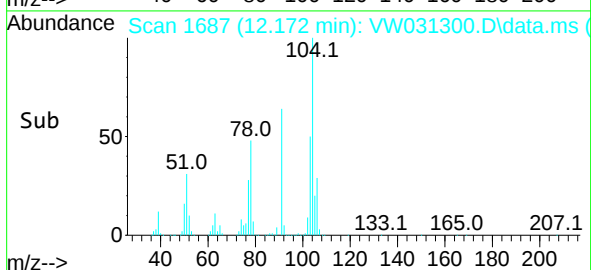
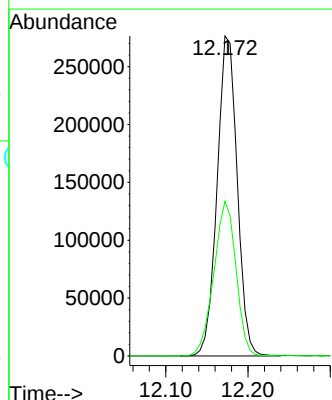
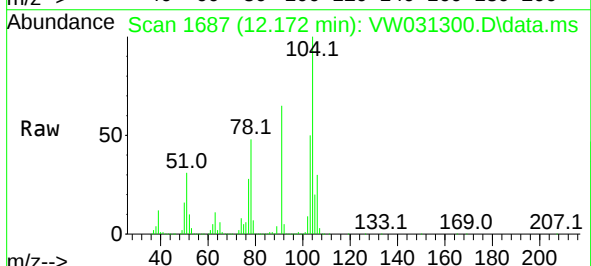
Acq: 17 Dec 2024 03:49

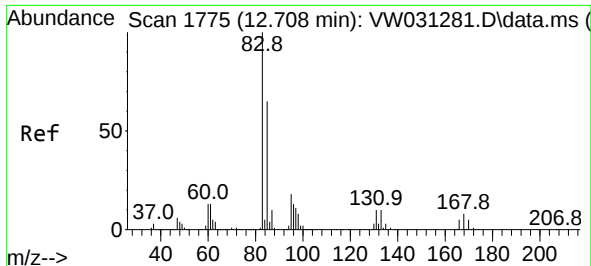
Tgt Ion:104 Resp: 470331

Ion Ratio Lower Upper

104 100

78 48.4 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 11.483 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

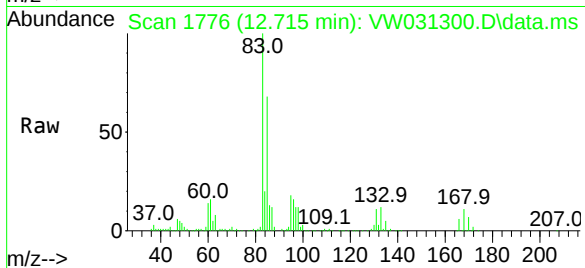
Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

Instrument :

MSVOA_W

ClientSampleId :



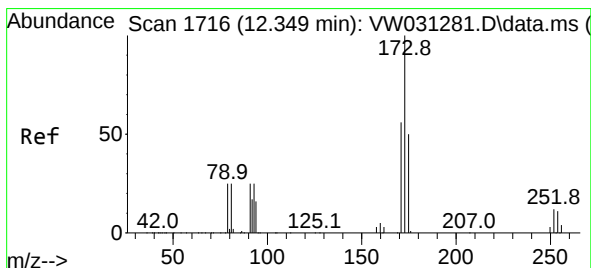
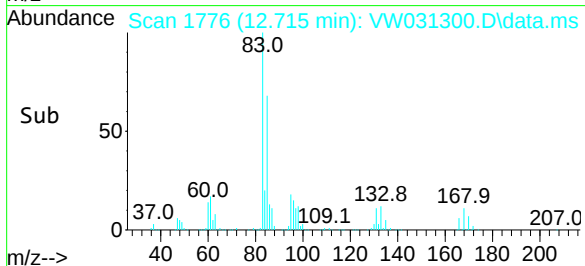
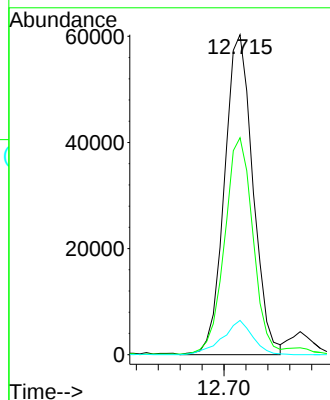
Tgt Ion: 83 Resp: 108650

Ion Ratio Lower Upper

83 100

85 67.8 44.1 81.9

131 10.7 7.9 11.9



#59

Bromoform

Concen: 14.402 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

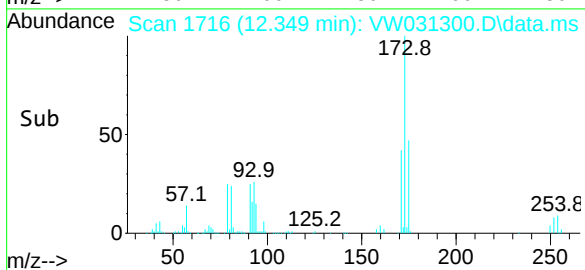
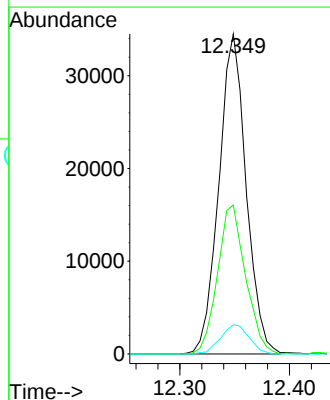
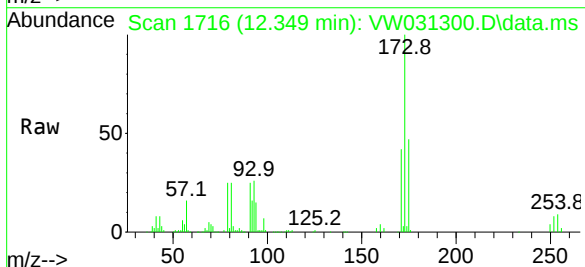
Tgt Ion:173 Resp: 59638

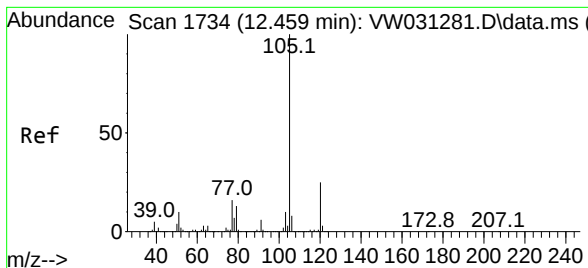
Ion Ratio Lower Upper

173 100

175 47.8 38.6 57.8

254 9.6 7.6 11.4

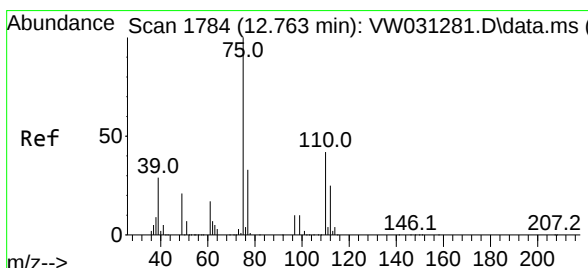
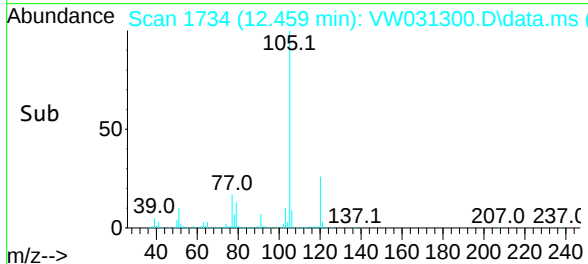
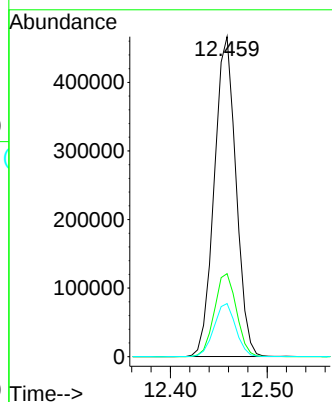
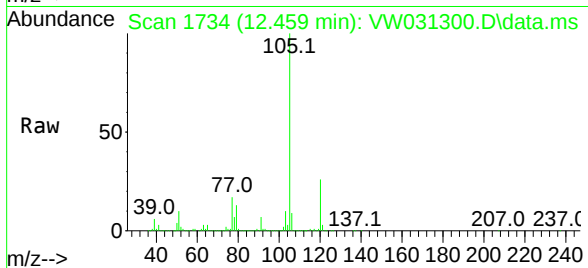




#60
Isopropylbenzene
Concen: 15.072 ug/L
RT: 12.459 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

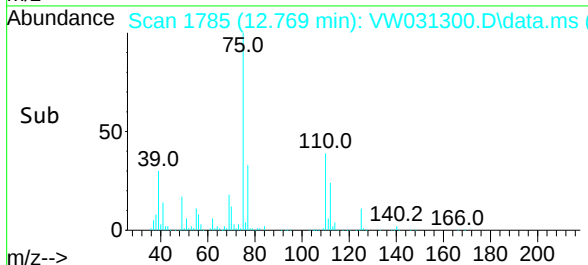
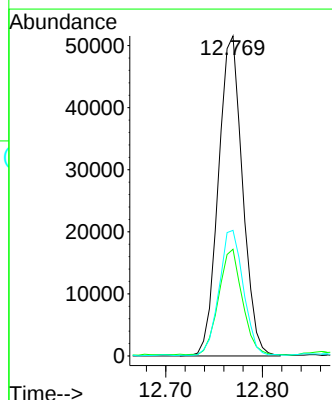
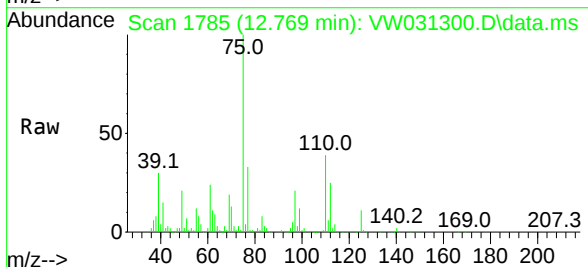
Instrument :
MSVOA_W
ClientSampleId :

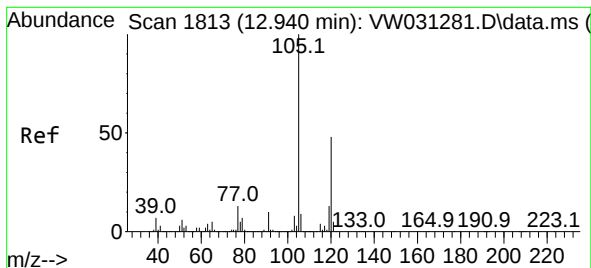
Tgt Ion:105 Resp: 727038
Ion Ratio Lower Upper
105 100
120 26.5 20.6 31.0
77 16.6 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 17.728 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Tgt Ion: 75 Resp: 89419
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
110 39.5 31.2 46.8

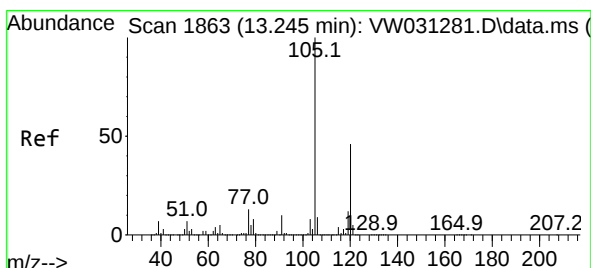
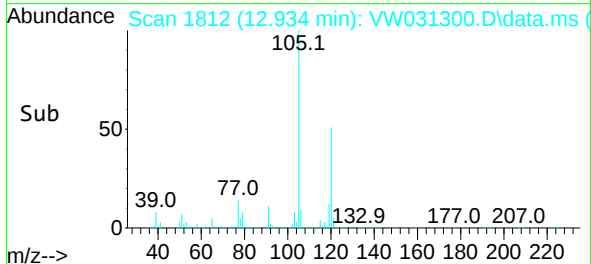
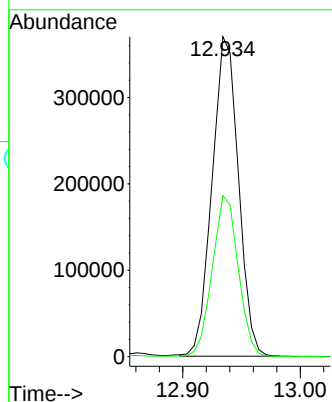
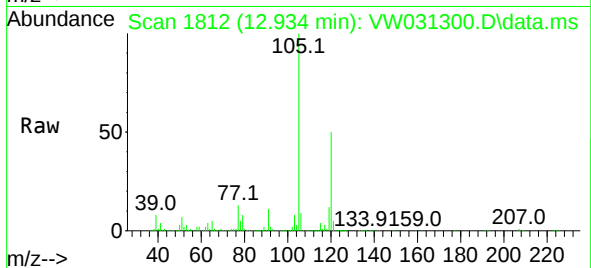




#62
1,3,5-Trimethylbenzene
Concen: 14.080 ug/L
RT: 12.934 min Scan# 1812
Delta R.T. -0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

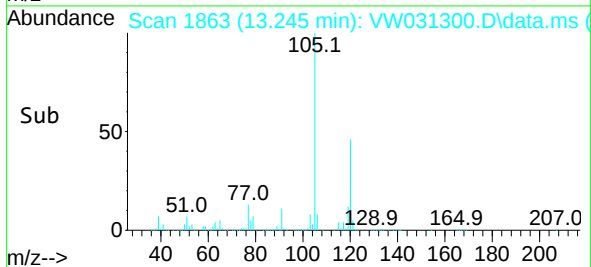
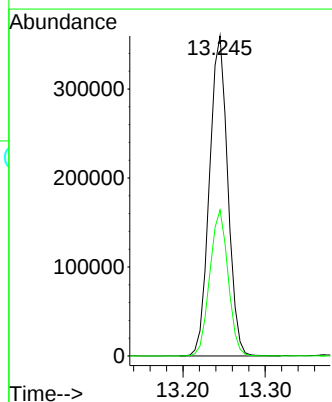
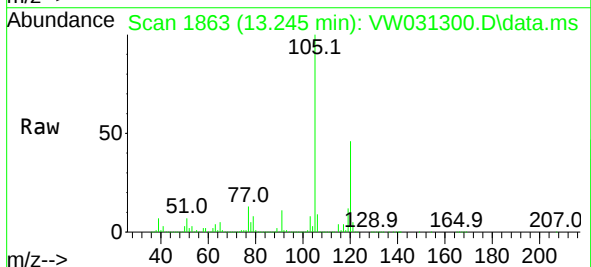
Instrument :
MSVOA_W
ClientSampleId :

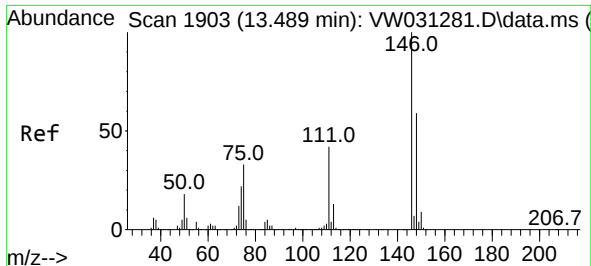
Tgt Ion:105 Resp: 575817
Ion Ratio Lower Upper
105 100
120 49.7 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 14.079 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

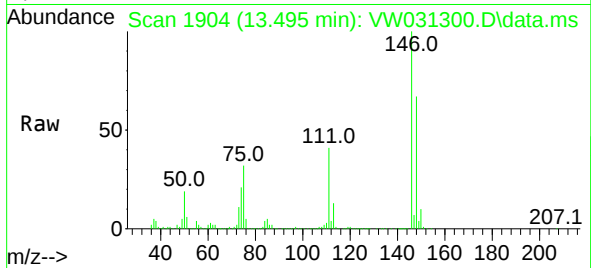
Tgt Ion:105 Resp: 556489
Ion Ratio Lower Upper
105 100
120 45.5 35.0 52.4



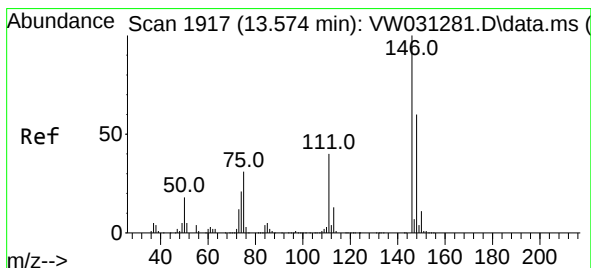
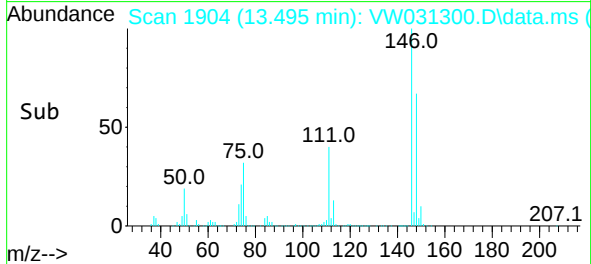
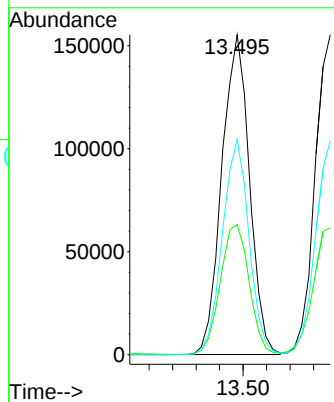


#64
1,3-Dichlorobenzene
Concen: 12.972 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Instrument :
MSVOA_W
ClientSampleId :

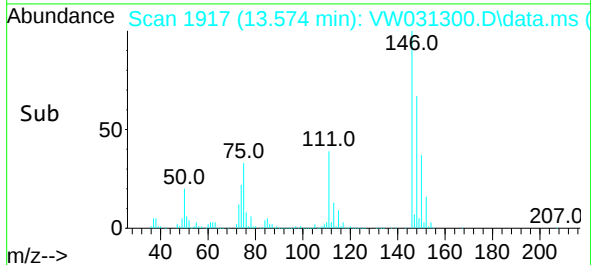
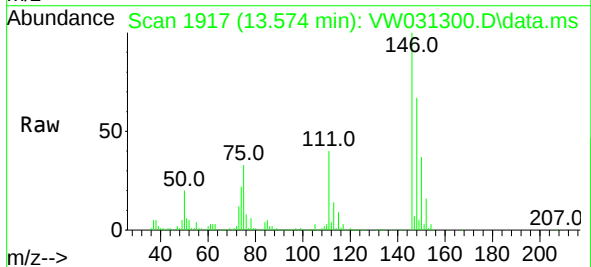
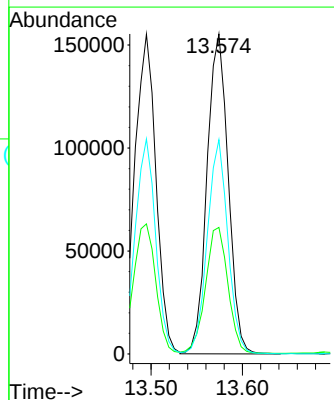


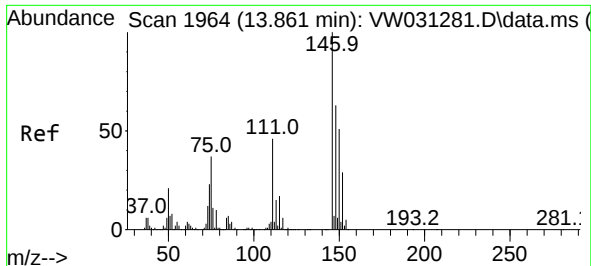
Tgt Ion:146 Resp: 253511
Ion Ratio Lower Upper
146 100
111 40.7 27.6 51.2
148 67.2 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 12.888 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031300.D
Acq: 17 Dec 2024 03:49

Tgt Ion:146 Resp: 249552
Ion Ratio Lower Upper
146 100
111 39.6 30.7 56.9
148 67.0 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 12.456 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

Instrument :

MSVOA_W

ClientSampleId :

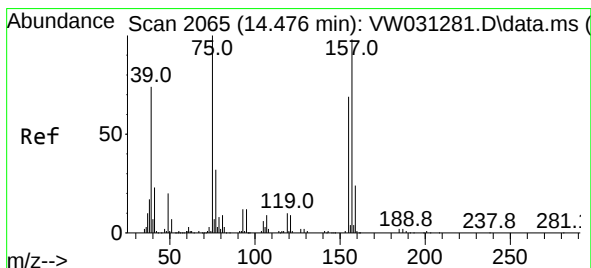
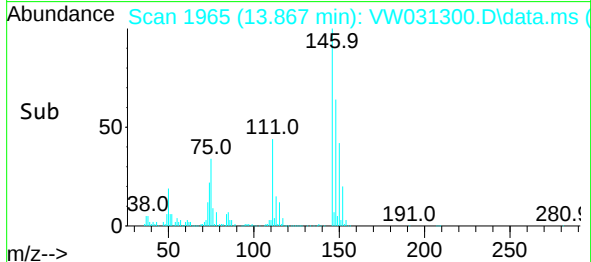
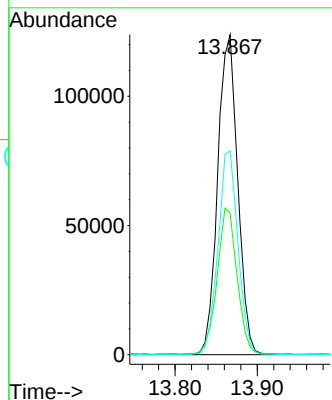
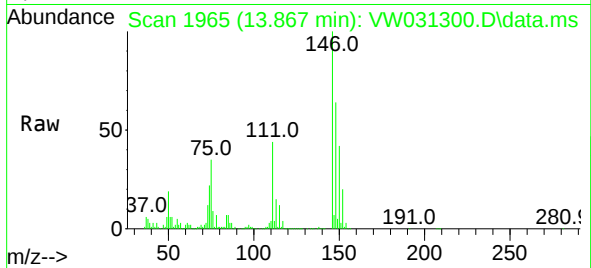
Tgt Ion:146 Resp: 209749

Ion Ratio Lower Upper

146 100

111 44.2 38.6 58.0

148 63.7 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 12.799 ug/L

RT: 14.477 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

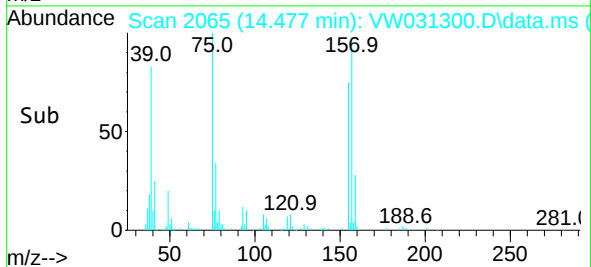
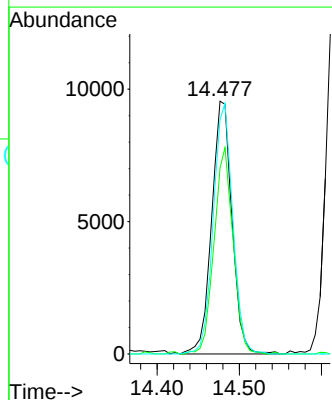
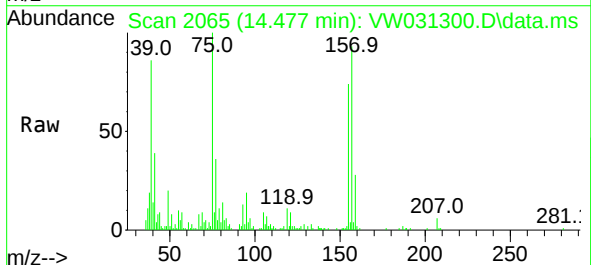
Tgt Ion: 75 Resp: 16382

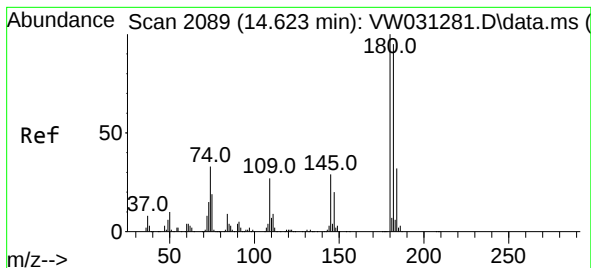
Ion Ratio Lower Upper

75 100

155 73.6 56.6 85.0

157 92.6 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 9.691 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 132646

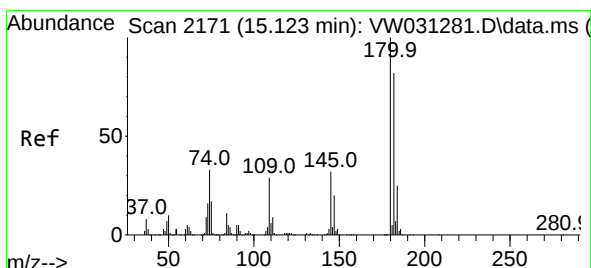
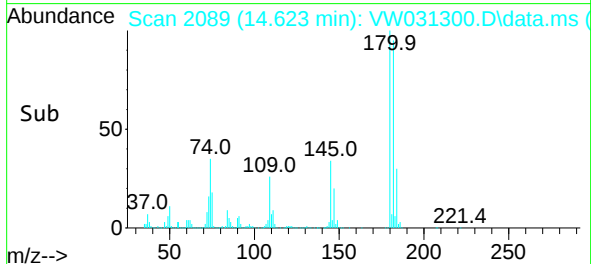
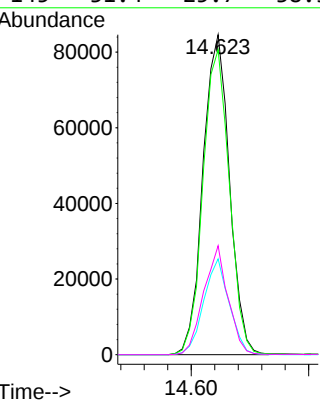
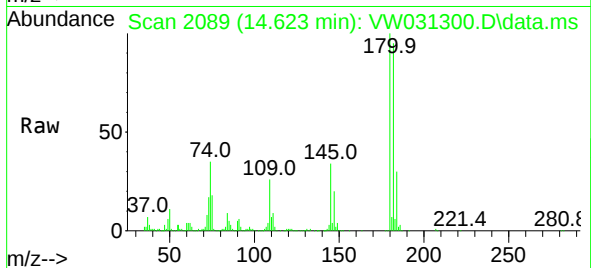
Ion Ratio Lower Upper

180 100

182 94.9 75.0 112.4

184 28.8 24.6 36.8

145 31.4 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 8.495 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

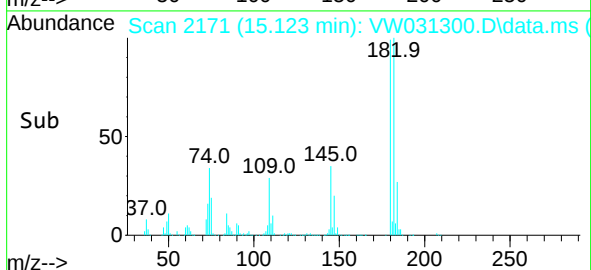
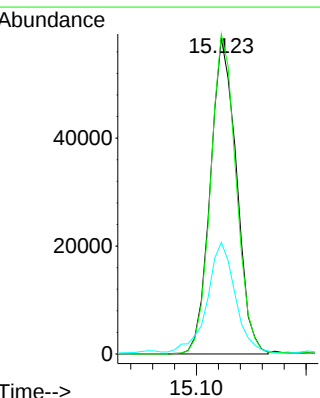
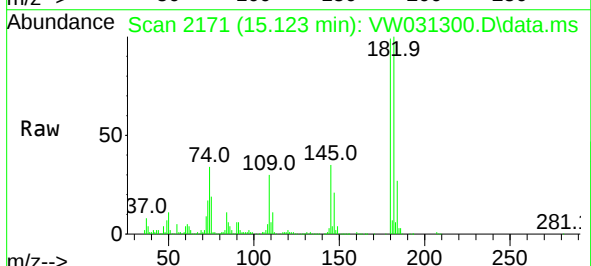
Tgt Ion:180 Resp: 96718

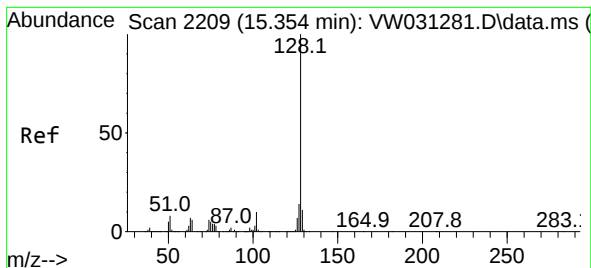
Ion Ratio Lower Upper

180 100

182 98.9 78.2 117.2

145 38.6 26.7 40.1





#71

Naphthalene

Concen: 10.085 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

Instrument :

MSVOA_W

ClientSampleId :

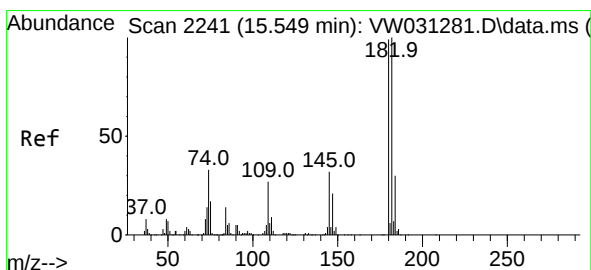
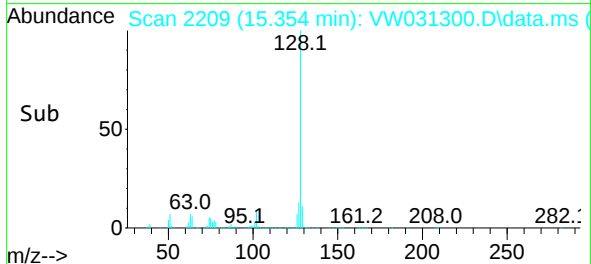
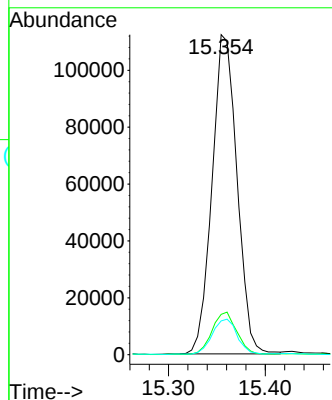
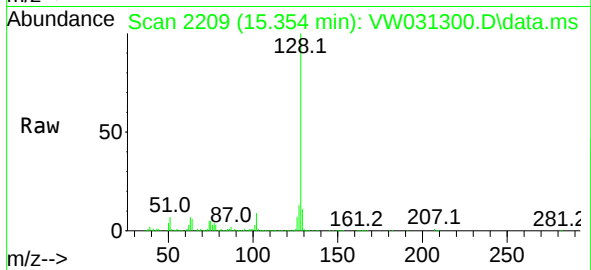
Tgt Ion:128 Resp: 201309

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 8.414 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031300.D

Acq: 17 Dec 2024 03:49

Tgt Ion:180 Resp: 77186

Ion Ratio Lower Upper

180 100

182 94.3 75.0 112.4

145 36.1 27.8 41.6

