

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031458.D
 Acq On : 21 Dec 2024 04:15
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 03 21:06:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 22:18:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	534538	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	474000	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.549	152	242321	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	178951	22.250	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.000%
7) Chloroethane-d5	2.893	69	162705	27.348	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.400%
11) 1,1-Dichloroethene-d2	4.008	65	84094	22.043	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.160%
21) 2-Butanone-d5	7.099	46	92570	61.117	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.240%
24) Chloroform-d	7.648	84	402771	27.501	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.000%
26) 1,2-Dichloroethane-d4	8.306	65	215599	29.312	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.240%
32) Benzene-d6	8.270	84	783116	25.777	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.120%
36) 1,2-Dichloropropane-d6	9.270	67	239131	27.007	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.040%
41) Toluene-d8	10.318	98	717371	25.382	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.520%
43) trans-1,3-Dichloroprop...	10.574	79	90103	22.070	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.280%
47) 2-Hexanone-d5	10.922	63	72321	60.736	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	180952	32.549	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.200%#
66) 1,2-Dichlorobenzene-d4	13.848	152	232077	25.798	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	106922	22.133	ug/L	99
3) Chloromethane	2.222	50	164587	30.326	ug/L	98
5) Vinyl chloride	2.369	62	195679	26.017	ug/L	97
6) Bromomethane	2.789	94	139603	30.191	ug/L	99
8) Chloroethane	2.929	64	134636	30.101	ug/L	99
9) Trichlorofluoromethane	3.265	101	236219	29.482	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.063	101	163577	25.282	ug/L	96
12) 1,1-Dichloroethene	4.033	96	167549	25.568	ug/L	99
13) Acetone	4.173	43	57966	27.480	ug/L #	100
14) Carbon disulfide	4.386	76	431552	20.193	ug/L	100
15) Methyl Acetate	4.685	43	75630	31.568	ug/L	96
16) Methylene chloride	4.917	84	190669	28.350	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	187478	26.541	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	350522	29.683	ug/L	99
19) 1,1-Dichloroethane	6.215	63	369375	27.984	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	221946	29.041	ug/L	95
22) 2-Butanone	7.191	43	92901	36.348	ug/L	97
23) Bromochloromethane	7.514	128	91733	30.097	ug/L	88
25) Chloroform	7.672	83	382722	29.379	ug/L	96

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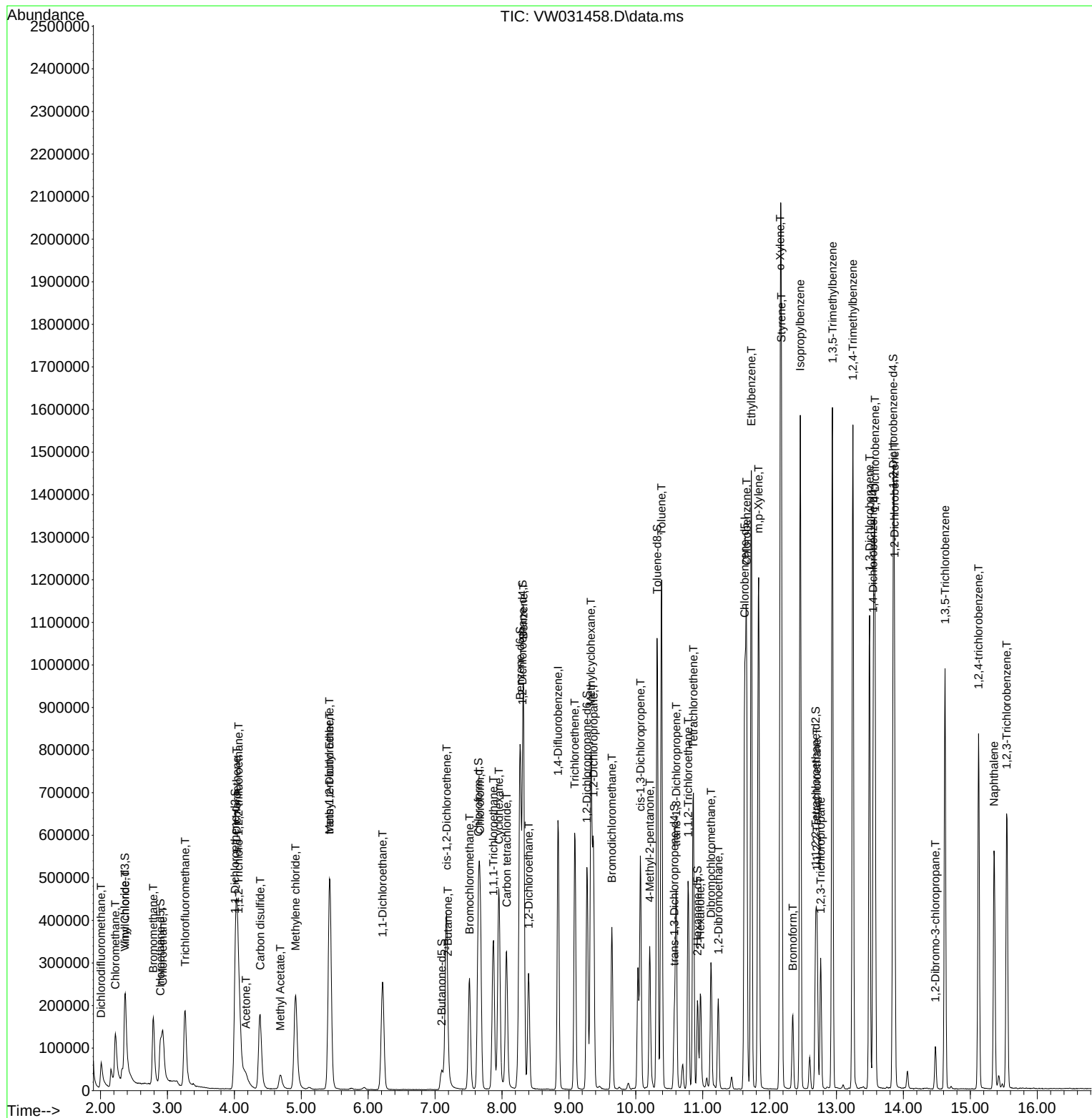
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	254209	31.039	ug/L	99
29) Cyclohexane	7.953	56	279168	21.717	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	288665	23.562	ug/L	99
31) Carbon tetrachloride	8.069	117	242481	22.216	ug/L	99
33) Benzene	8.319	78	802050	27.381	ug/L	100
34) Trichloroethene	9.087	95	214466	25.934	ug/L	95
35) Methylcyclohexane	9.331	83	331228	22.999	ug/L	98
37) 1,2-Dichloropropane	9.367	63	211077	28.885	ug/L	99
38) Bromodichloromethane	9.642	83	253043	26.636	ug/L	95
39) cis-1,3-Dichloropropene	10.068	75	313395	25.380	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	220041	56.757	ug/L	98
42) Toluene	10.385	91	877861	27.526	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	252725	25.066	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	152324	31.339	ug/L	96
46) Tetrachloroethene	10.861	164	153596	25.356	ug/L	97
48) 2-Hexanone	10.965	43	145832	44.228	ug/L	99
49) Dibromochloromethane	11.123	129	154967	26.897	ug/L	88
50) 1,2-Dibromoethane	11.233	107	144134	31.304	ug/L	97
51) Chlorobenzene	11.653	112	564381	28.225	ug/L	99
52) Ethylbenzene	11.727	91	1013902	27.431	ug/L	99
53) m,p-Xylene	11.836	106	393030	27.932	ug/L	96
54) o-Xylene	12.159	106	380190	28.670	ug/L	100
55) Styrene	12.178	104	642182	29.113	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	172490	32.920	ug/L	98
59) Bromoform	12.348	173	78349	23.015	ug/L	100
60) Isopropylbenzene	12.458	105	1013542	25.559	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	125891	30.361	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	861753	25.632	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	846463	26.049	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	438625	27.301	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	453183	28.468	ug/L	88
67) 1,2-Dichlorobenzene	13.866	146	389415	28.130	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	25359	24.099	ug/L	98
69) 1,3,5-Trichlorobenzene	14.622	180	283318	25.179	ug/L	97
70) 1,2,4-trichlorobenzene	15.122	180	243339	25.997	ug/L	99
71) Naphthalene	15.354	128	484603	29.530	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	218402	28.960	ug/L	99

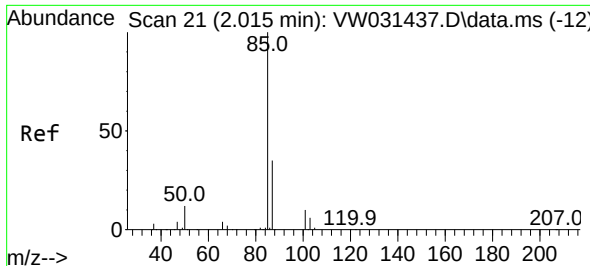
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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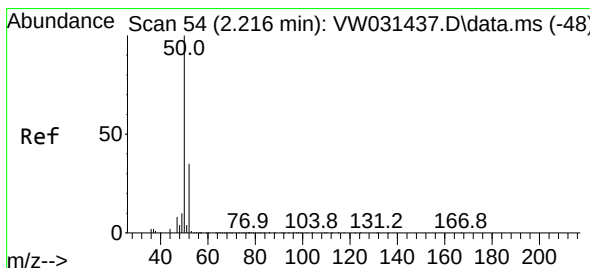
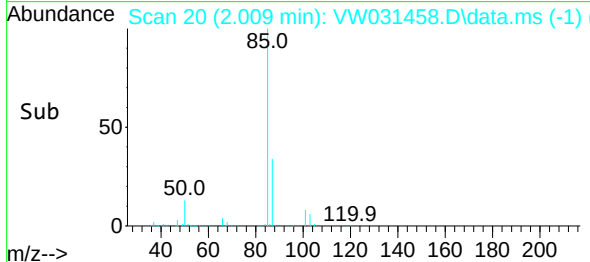
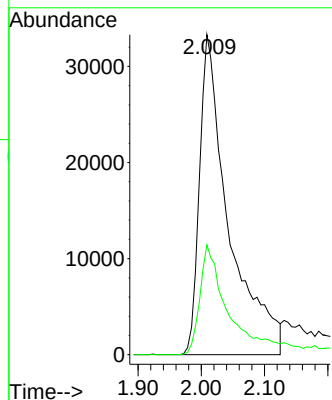
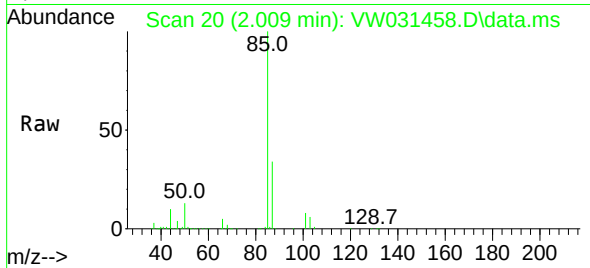




#2
 Dichlorodifluoromethane
 Concen: 22.133 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VW031458.D
 Acq: 21 Dec 2024 04:15

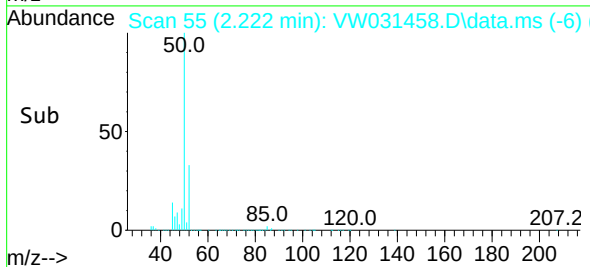
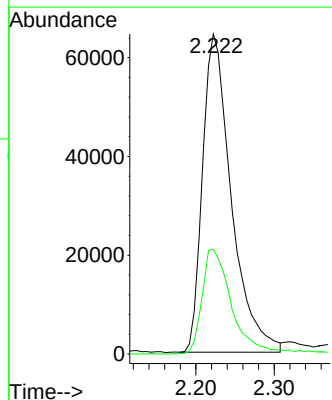
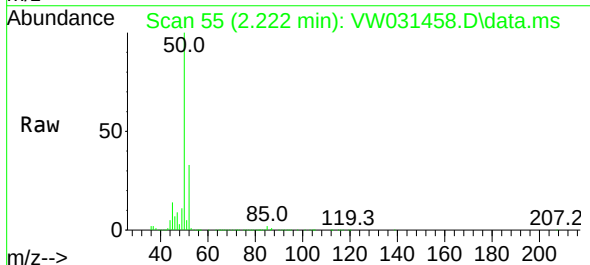
Instrument :
 MSVOA_W
 ClientSampleId :

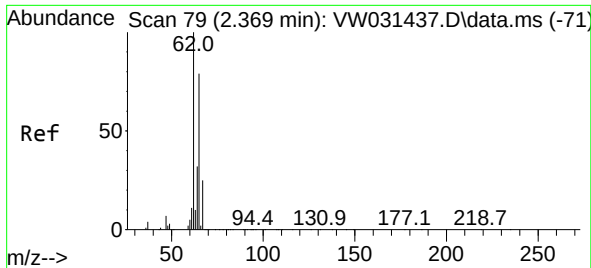
Tgt Ion: 85 Resp: 106922
 Ion Ratio Lower Upper
 85 100
 87 30.6 24.9 37.3



#3
 Chloromethane
 Concen: 30.326 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW031458.D
 Acq: 21 Dec 2024 04:15

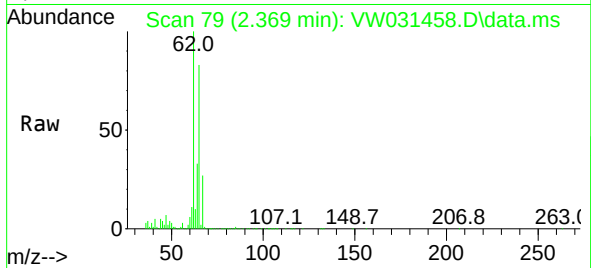
Tgt Ion: 50 Resp: 164587
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.0 41.0



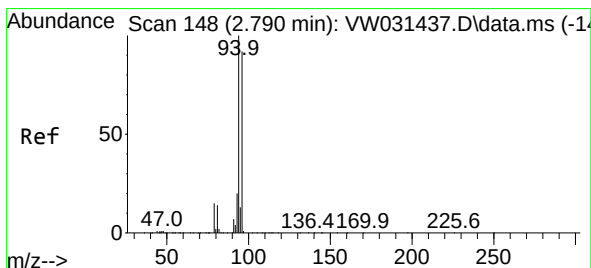
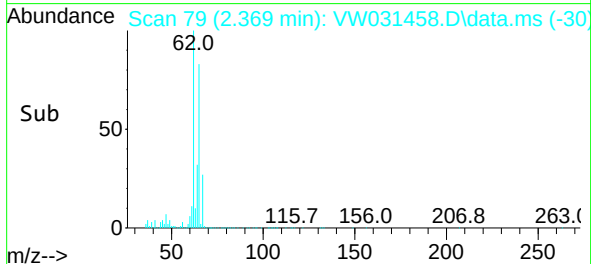
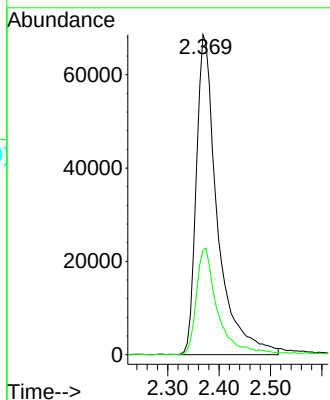


#5
 Vinyl chloride
 Concen: 26.017 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VW031458.D
 Acq: 21 Dec 2024 04:15

Instrument :
 MSVOA_W
 ClientSampleId :

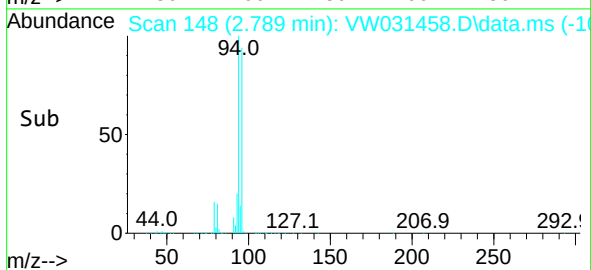
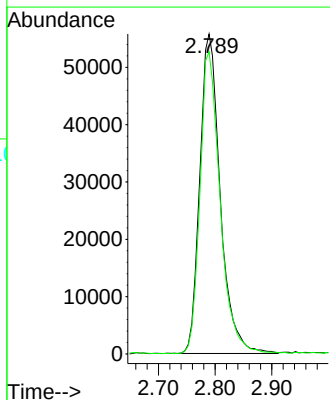
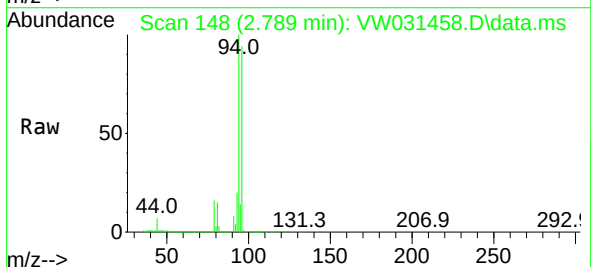


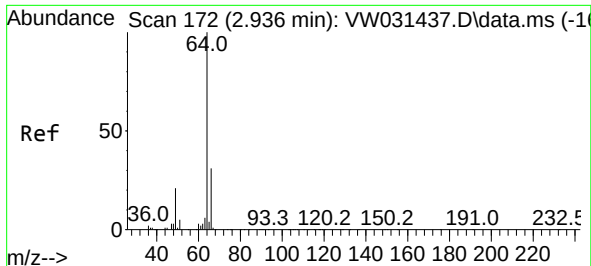
Tgt Ion: 62 Resp: 195679
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.1 44.8



#6
 Bromomethane
 Concen: 30.191 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW031458.D
 Acq: 21 Dec 2024 04:15

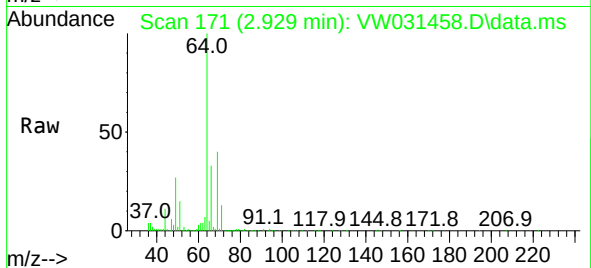
Tgt Ion: 94 Resp: 139603
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.6 121.8



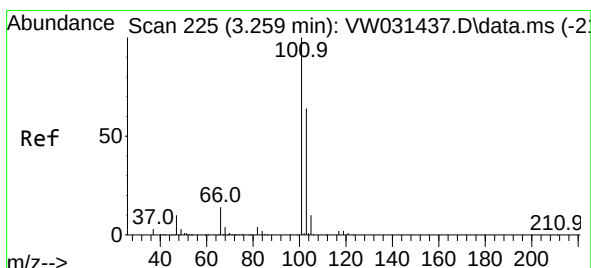
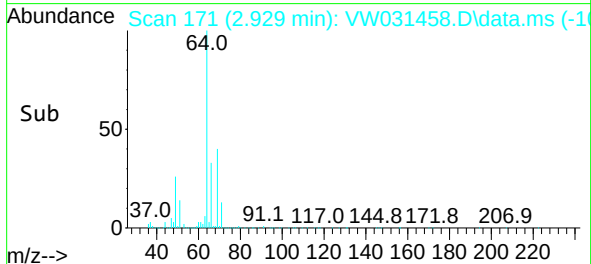
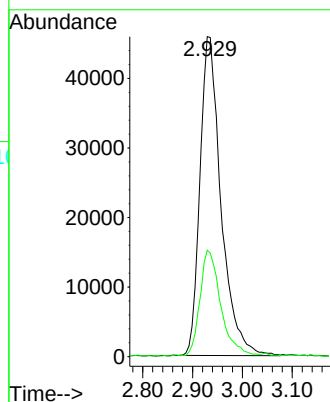


#8
Chloroethane
Concen: 30.101 ug/L
RT: 2.929 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031458.D
Acq: 21 Dec 2024 04:15

Instrument :
MSVOA_W
ClientSampleId :

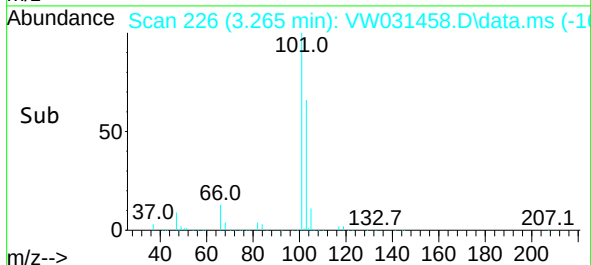
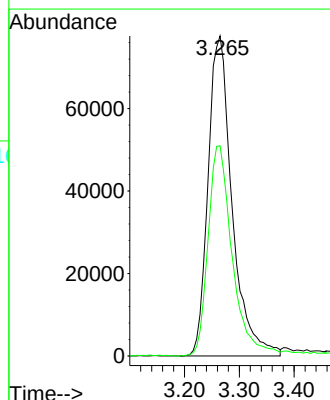
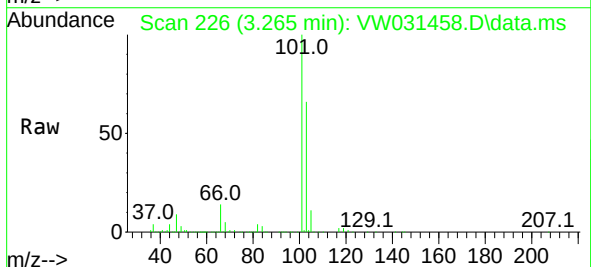


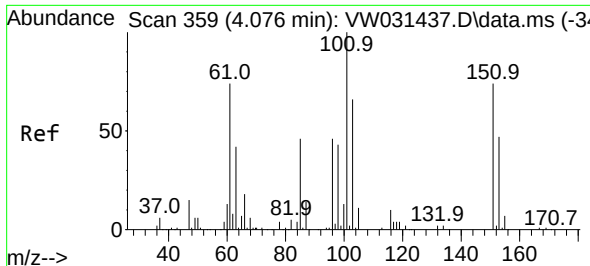
Tgt Ion: 64 Resp: 134636
Ion Ratio Lower Upper
64 100
66 33.2 22.7 42.3



#9
Trichlorofluoromethane
Concen: 29.482 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031458.D
Acq: 21 Dec 2024 04:15

Tgt Ion: 101 Resp: 236219
Ion Ratio Lower Upper
101 100
103 65.9 51.6 77.4

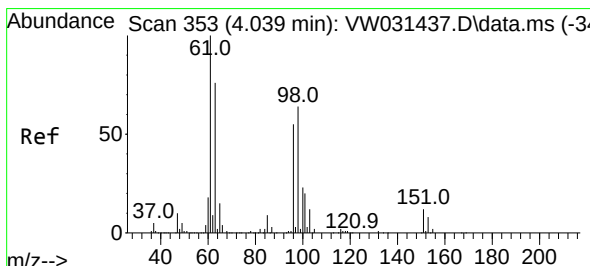
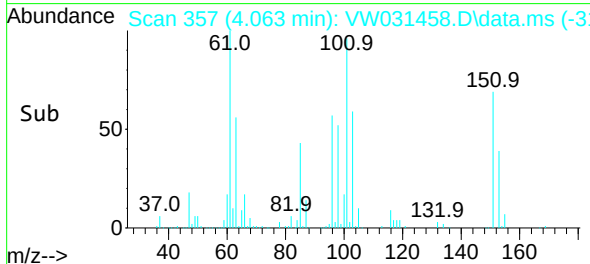
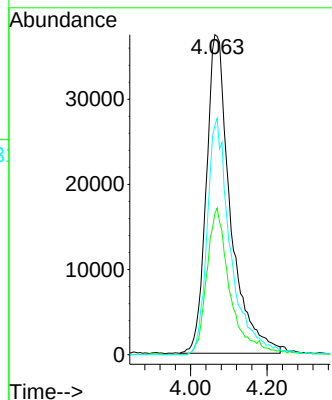
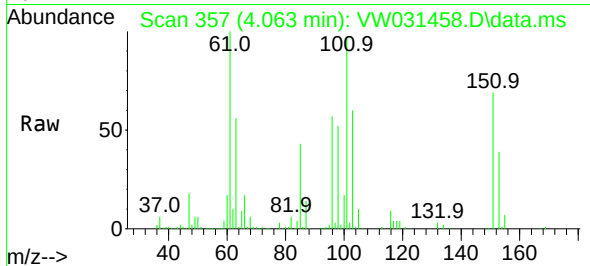




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.282 ug/L
 RT: 4.063 min Scan# 310
 Delta R.T. -0.012 min
 Lab File: VW031458.D
 Acq: 21 Dec 2024 04:15

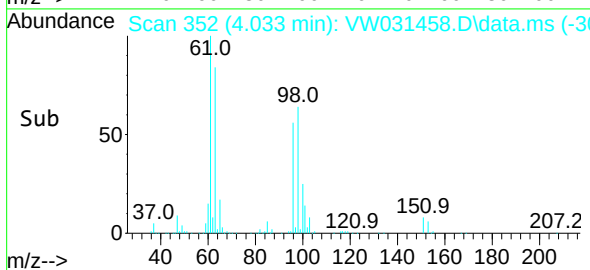
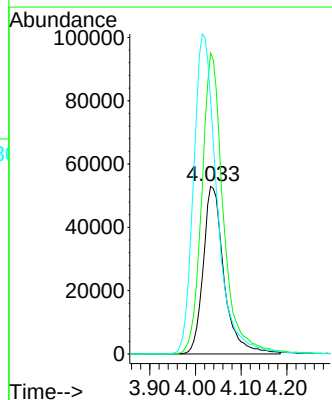
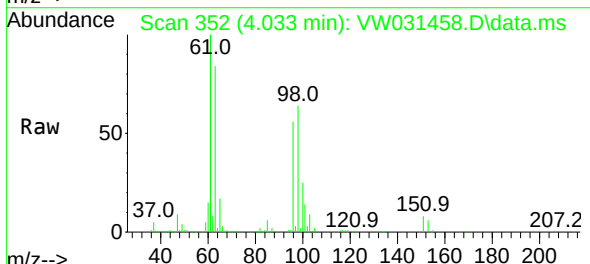
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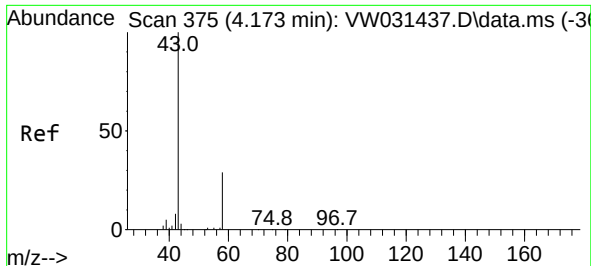
Tgt Ion:101 Resp: 163577
 Ion Ratio Lower Upper
 101 100
 85 42.7 33.0 49.4
 151 72.1 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 25.568 ug/L
 RT: 4.033 min Scan# 352
 Delta R.T. -0.006 min
 Lab File: VW031458.D
 Acq: 21 Dec 2024 04:15

Tgt Ion: 96 Resp: 167549
 Ion Ratio Lower Upper
 96 100
 61 179.6 125.3 232.7
 63 151.7 104.6 194.2





#13

Acetone

Concen: 27.480 ug/L

RT: 4.173 min Scan# 31

Delta R.T. -0.006 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

Instrument :

MSVOA_W

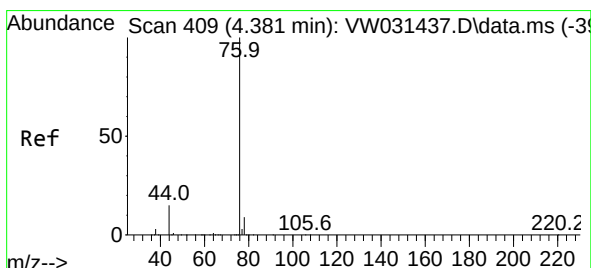
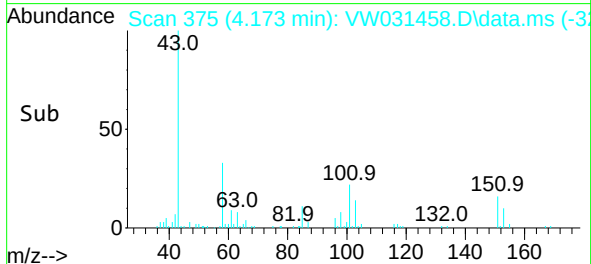
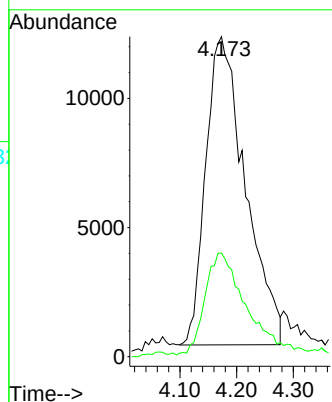
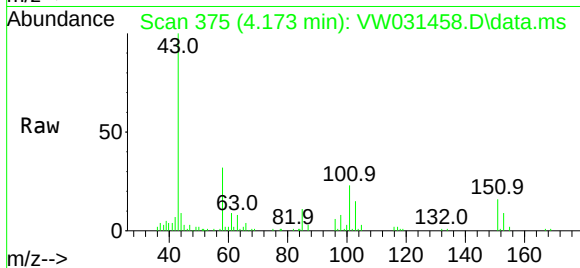
ClientSampleId :

Tgt Ion: 43 Resp: 57966

Ion Ratio Lower Upper

43 100

58 33.9 0.0 0.0#



#14

Carbon disulfide

Concen: 20.193 ug/L

RT: 4.386 min Scan# 410

Delta R.T. -0.000 min

Lab File: VW031458.D

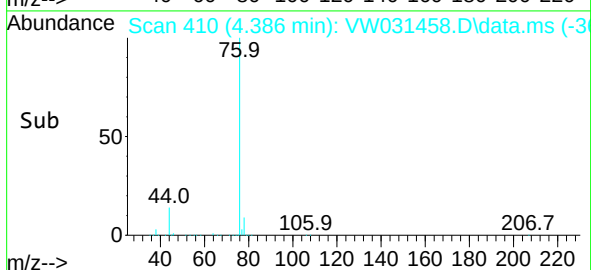
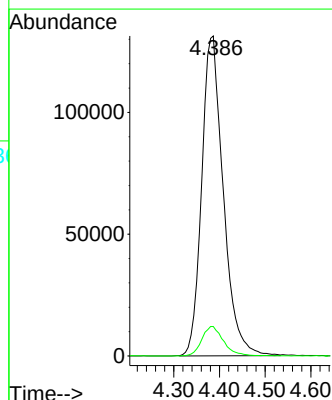
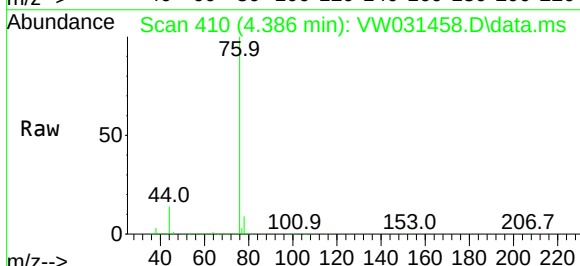
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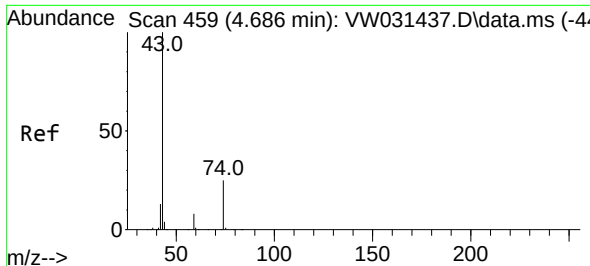
Tgt Ion: 76 Resp: 431552

Ion Ratio Lower Upper

76 100

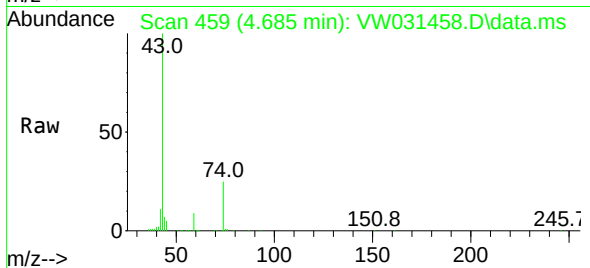
78 9.2 7.3 10.9



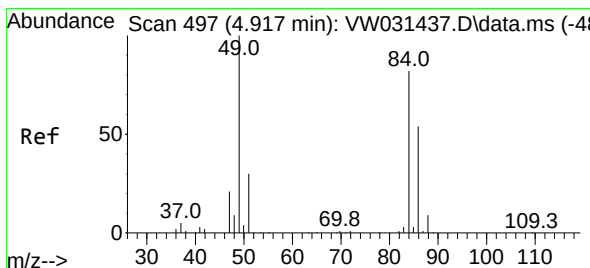
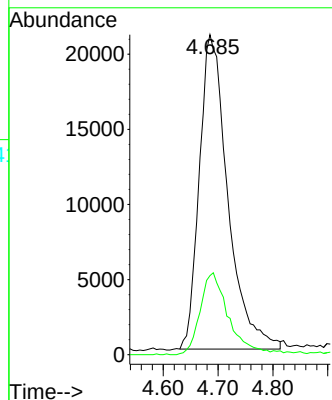
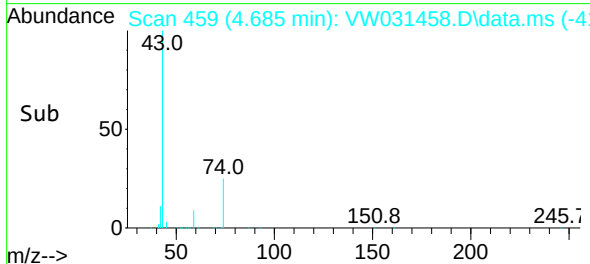


#15
Methyl Acetate
Concen: 31.568 ug/L
RT: 4.685 min Scan# 415
Delta R.T. -0.012 min
Lab File: VW031458.D
Acq: 21 Dec 2024 04:15

Instrument :
MSVOA_W
ClientSampleId :

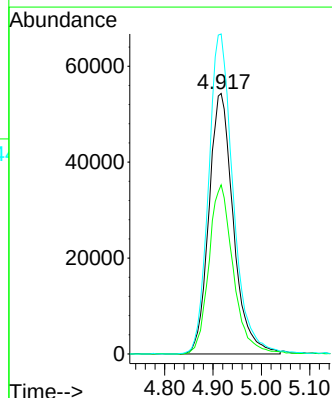
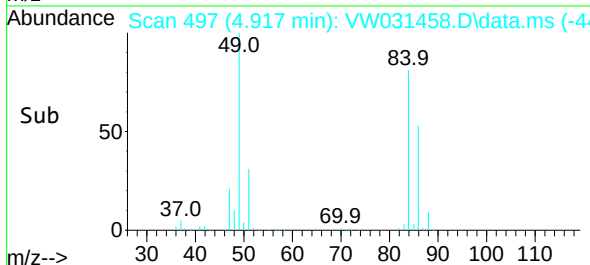
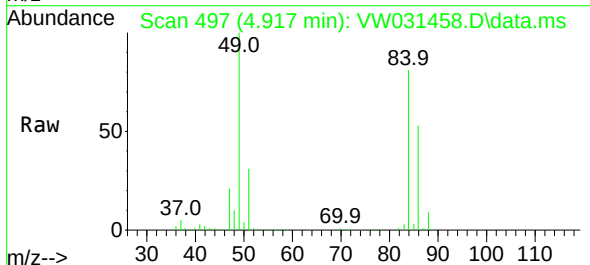


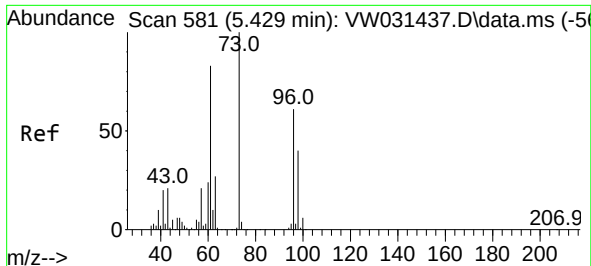
Tgt Ion: 43 Resp: 75630
Ion Ratio Lower Upper
43 100
74 25.7 18.9 28.3



#16
Methylene chloride
Concen: 28.350 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW031458.D
Acq: 21 Dec 2024 04:15

Tgt Ion: 84 Resp: 190669
Ion Ratio Lower Upper
84 100
86 65.0 44.7 82.9
49 122.9 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 26.541 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

Instrument :

MSVOA_W

ClientSampleId :

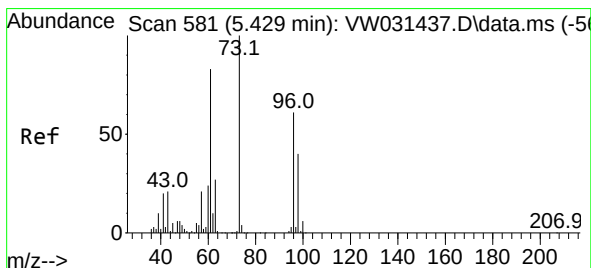
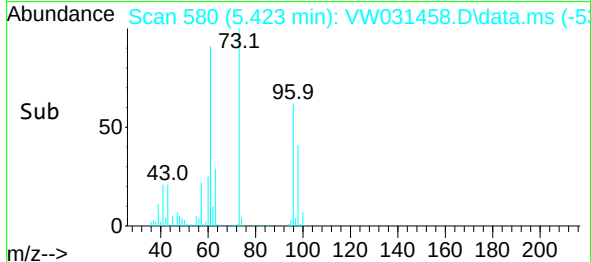
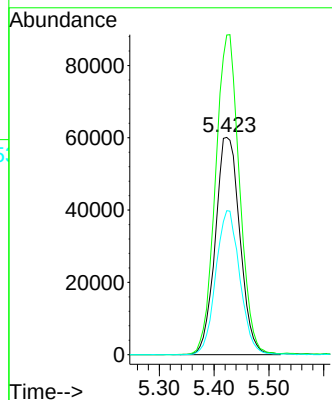
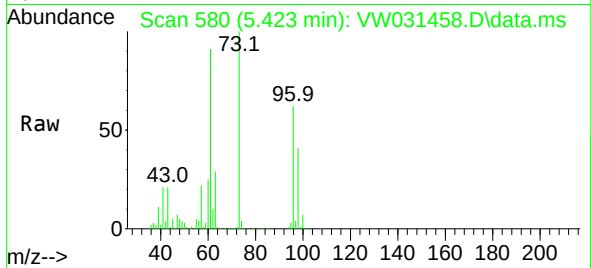
Tgt Ion: 96 Resp: 187478

Ion Ratio Lower Upper

96 100

61 147.1 100.7 187.1

98 66.3 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 29.683 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

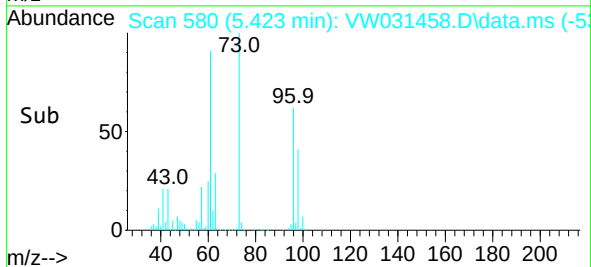
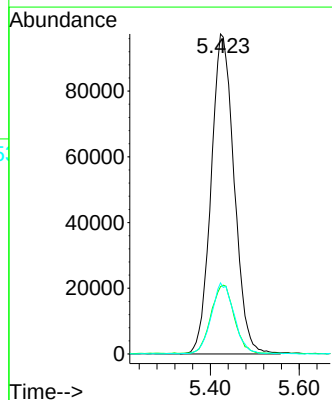
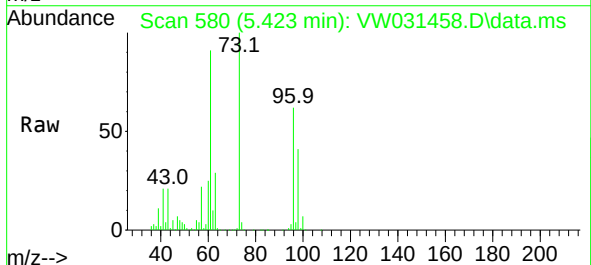
Tgt Ion: 73 Resp: 350522

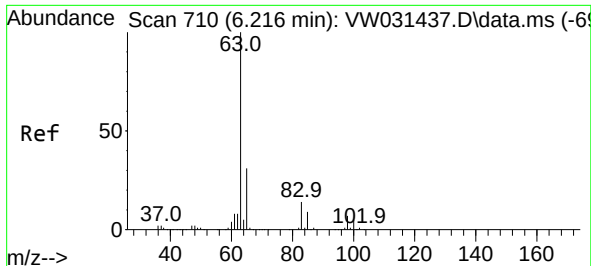
Ion Ratio Lower Upper

73 100

43 21.6 17.9 26.9

57 21.9 17.9 26.9





#19

1,1-Dichloroethane

Concen: 27.984 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

Instrument :

MSVOA_W

ClientSampleId :

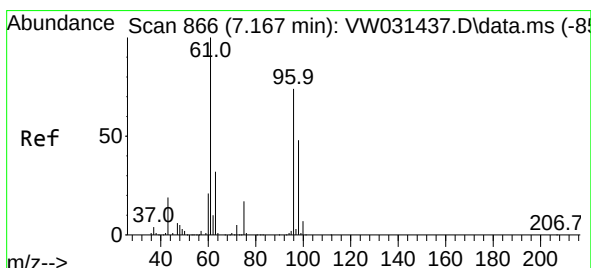
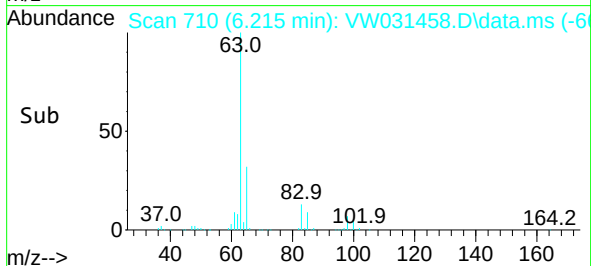
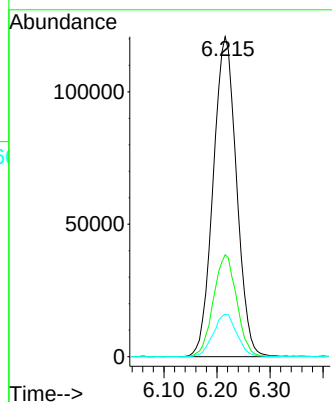
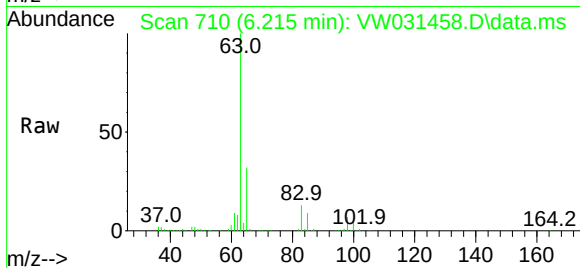
Tgt Ion: 63 Resp: 369375

Ion Ratio Lower Upper

63 100

65 31.9 21.9 40.7

83 13.2 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 29.041 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

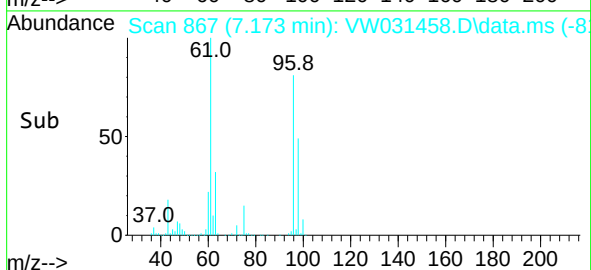
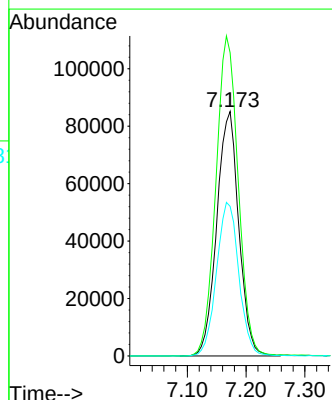
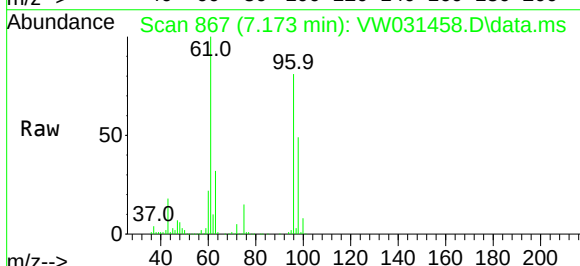
Tgt Ion: 96 Resp: 221946

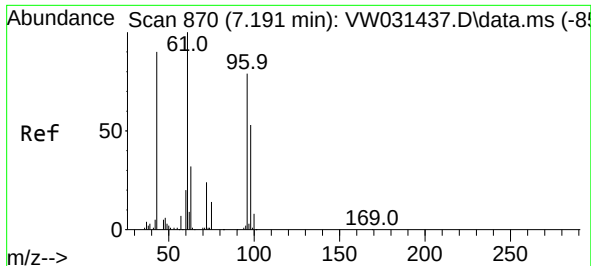
Ion Ratio Lower Upper

96 100

61 124.0 92.2 171.2

98 61.2 43.7 81.1

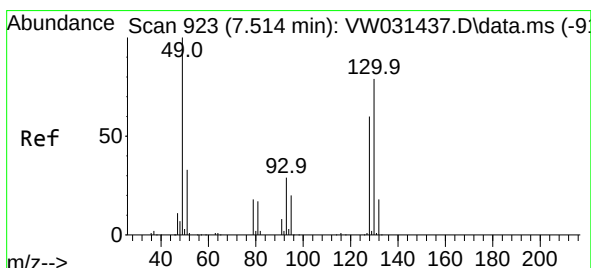
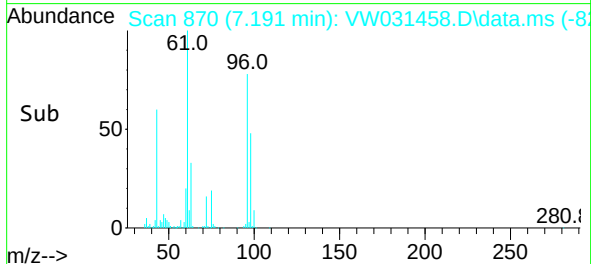
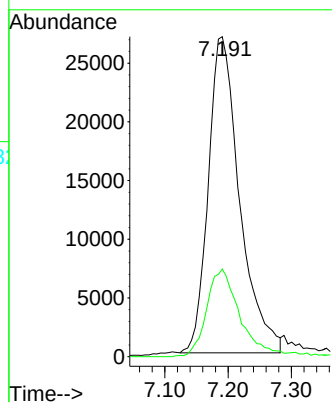
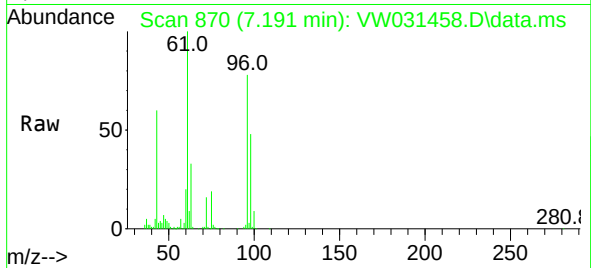




#22
2-Butanone
Concen: 36.348 ug/L
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW031458.D
Acq: 21 Dec 2024 04:15

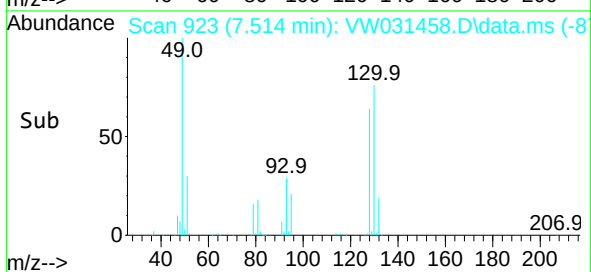
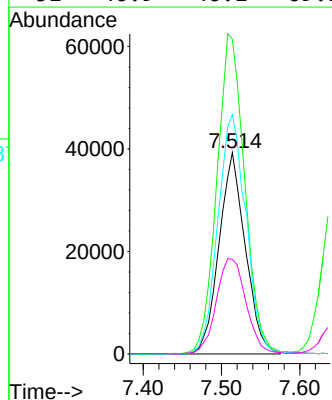
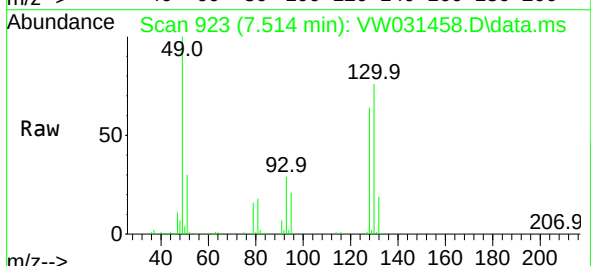
Instrument :
MSVOA_W
ClientSampleId :

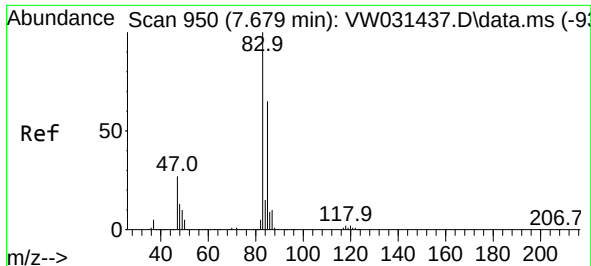
Tgt Ion: 43 Resp: 92901
Ion Ratio Lower Upper
43 100
72 27.8 13.3 39.8



#23
Bromochloromethane
Concen: 30.097 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW031458.D
Acq: 21 Dec 2024 04:15

Tgt Ion:128 Resp: 91733
Ion Ratio Lower Upper
128 100
49 156.5 123.7 229.7
130 118.9 90.3 167.7
51 46.9 46.1 69.1





#25

Chloroform

Concen: 29.379 ug/L

RT: 7.672 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

Instrument :

MSVOA_W

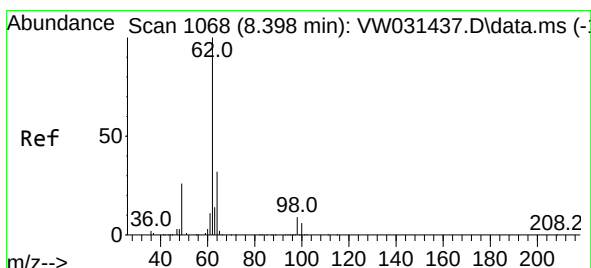
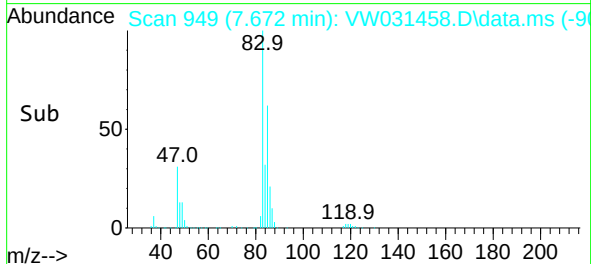
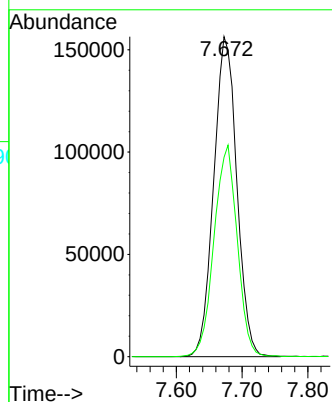
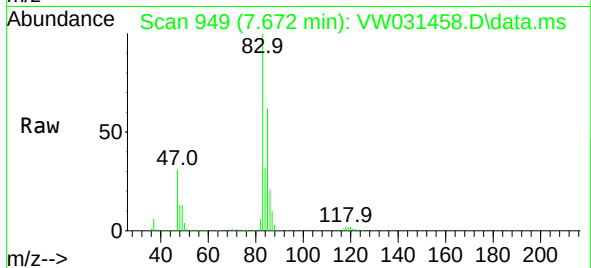
ClientSampleId :

Tgt Ion: 83 Resp: 382722

Ion Ratio Lower Upper

83 100

85 62.3 46.1 85.5



#27

1,2-Dichloroethane

Concen: 31.039 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031458.D

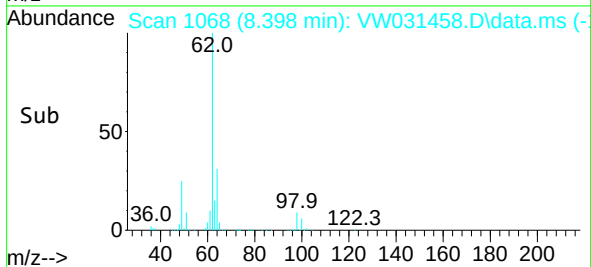
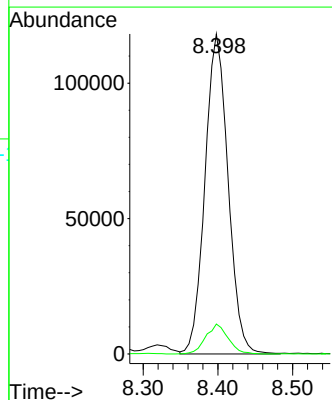
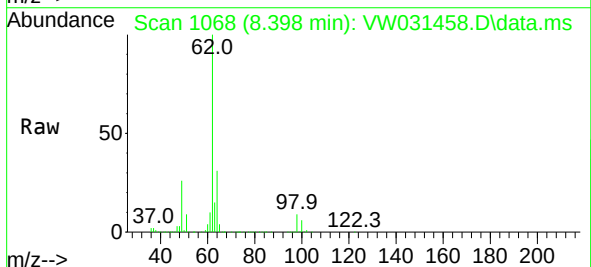
Acq: 21 Dec 2024 04:15

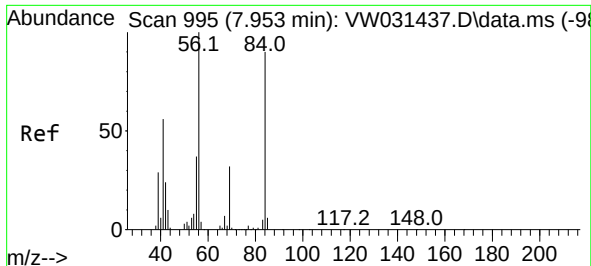
Tgt Ion: 62 Resp: 254209

Ion Ratio Lower Upper

62 100

98 9.3 7.2 10.8





#29

Cyclohexane

Concen: 21.717 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

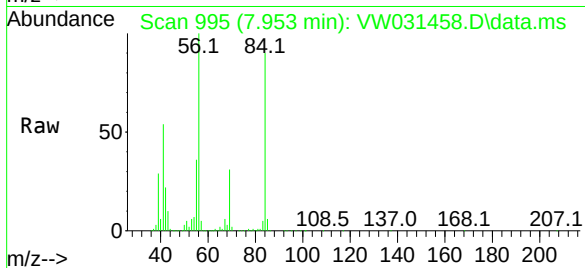
Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

Instrument :

MSVOA_W

ClientSampleId :



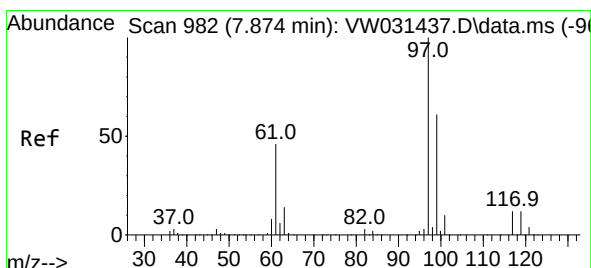
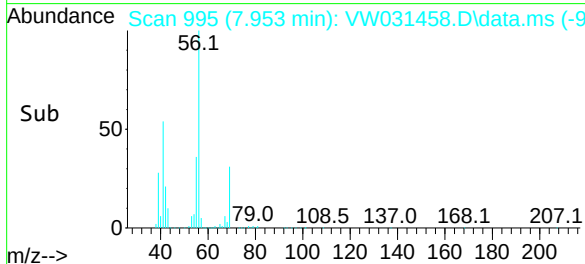
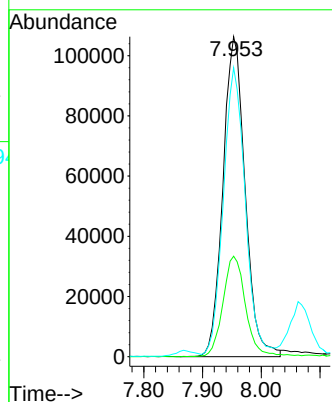
Tgt Ion: 56 Resp: 279168

Ion Ratio Lower Upper

56 100

69 31.9 25.0 37.4

84 87.9 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 23.562 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

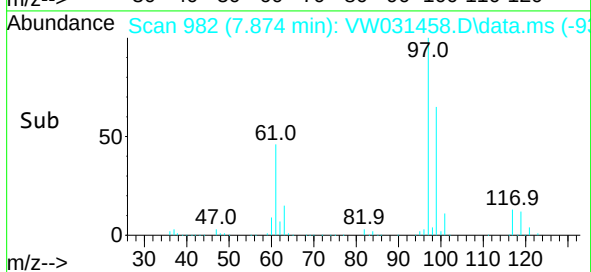
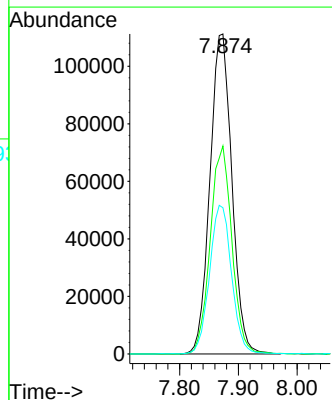
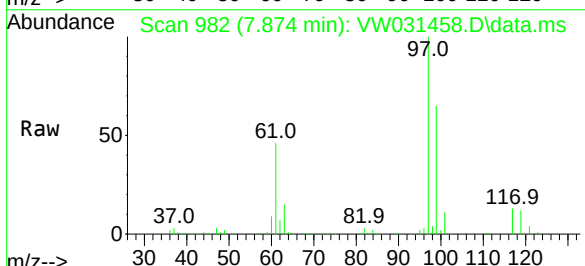
Tgt Ion: 97 Resp: 288665

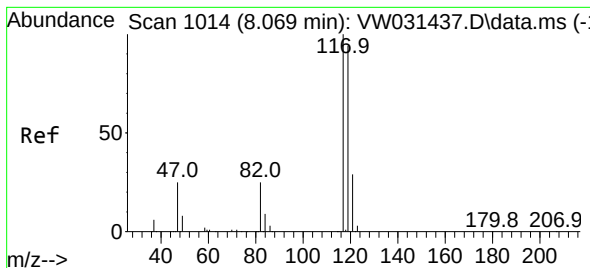
Ion Ratio Lower Upper

97 100

99 64.3 51.1 76.7

61 46.7 36.3 54.5





#31

Carbon tetrachloride

Concen: 22.216 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

Instrument :

MSVOA_W

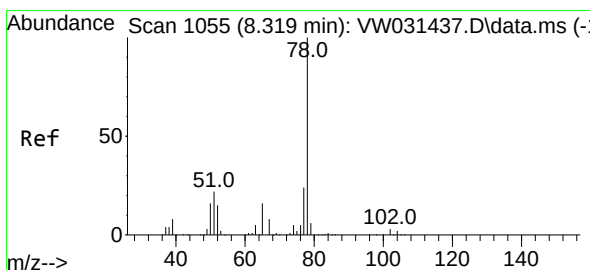
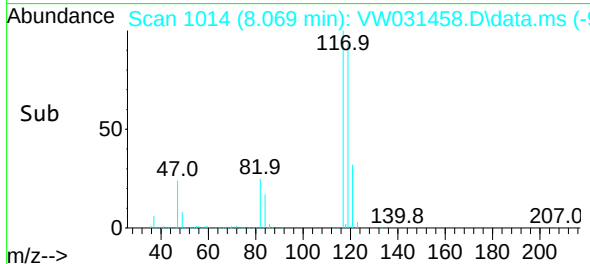
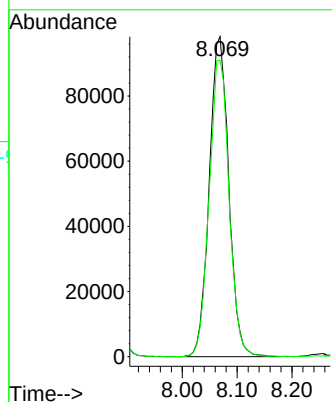
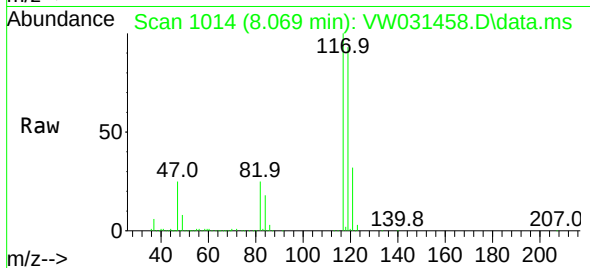
ClientSampleId :

Tgt Ion:117 Resp: 242481

Ion Ratio Lower Upper

117 100

119 94.5 76.0 114.0



#33

Benzene

Concen: 27.381 ug/L

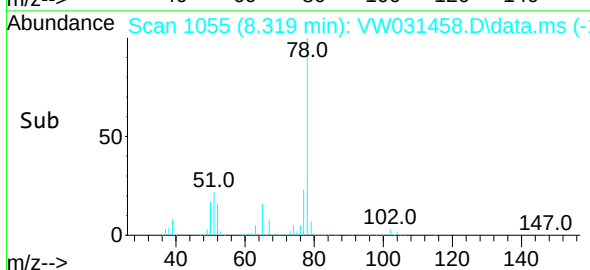
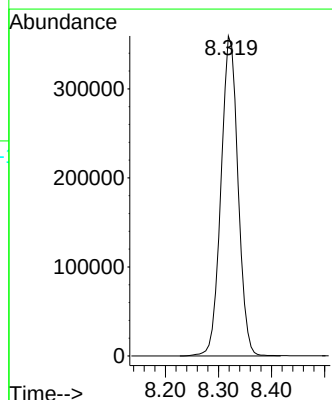
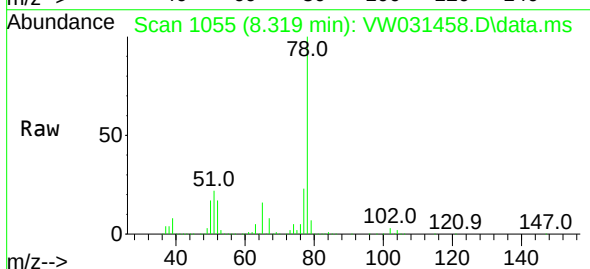
RT: 8.319 min Scan# 1055

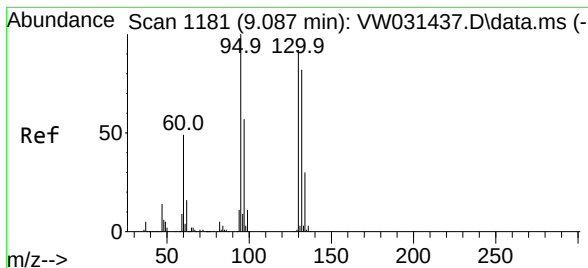
Delta R.T. -0.000 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

Tgt Ion: 78 Resp: 802050





#34

Trichloroethene

Concen: 25.934 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

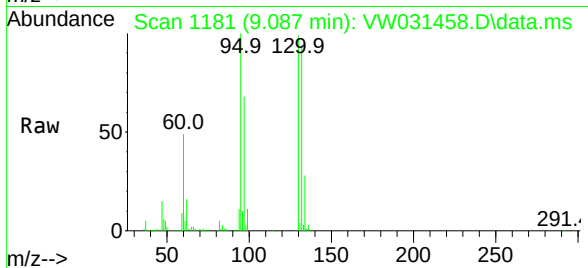
Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 214466

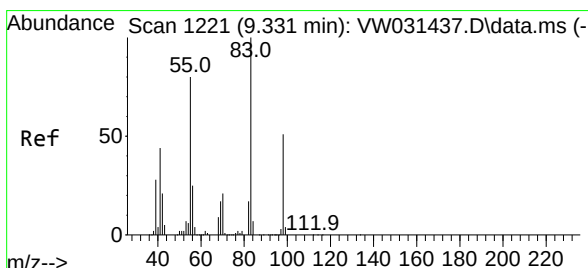
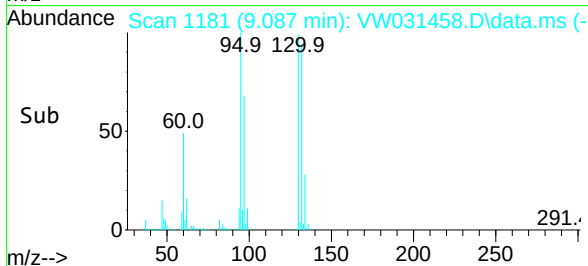
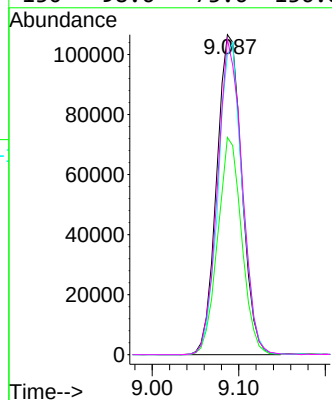
Ion Ratio Lower Upper

95 100

97 67.9 46.5 86.3

132 93.5 70.3 130.5

130 98.6 73.6 136.8



#35

Methylcyclohexane

Concen: 22.999 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

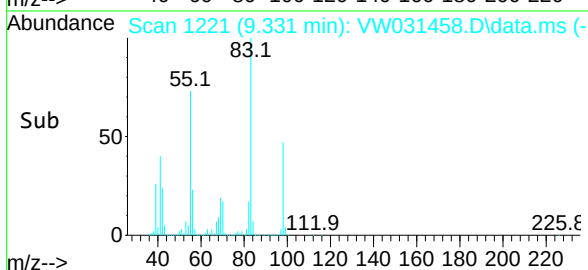
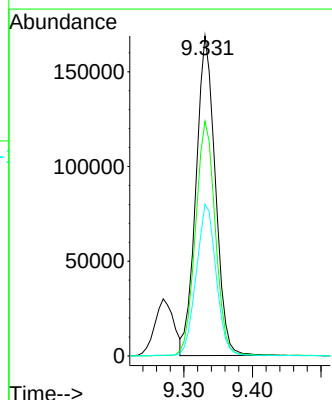
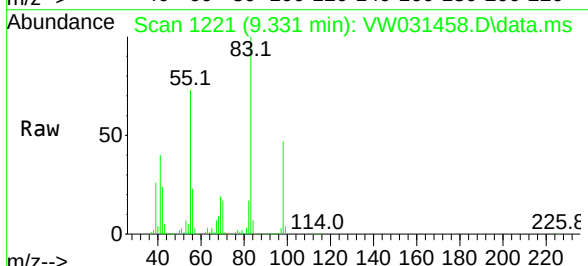
Tgt Ion: 83 Resp: 331228

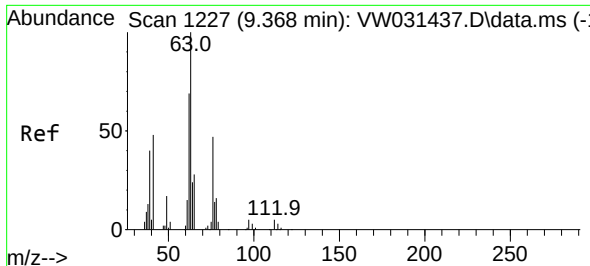
Ion Ratio Lower Upper

83 100

55 75.2 62.6 93.8

98 49.1 39.8 59.6





#37

1,2-Dichloropropane

Concen: 28.885 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

Instrument :

MSVOA_W

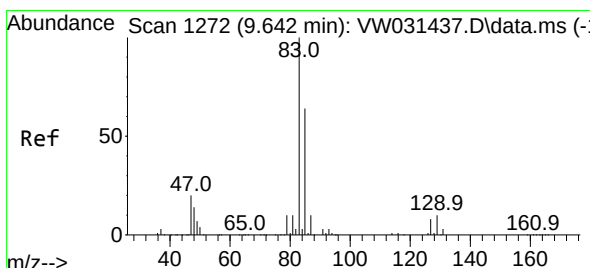
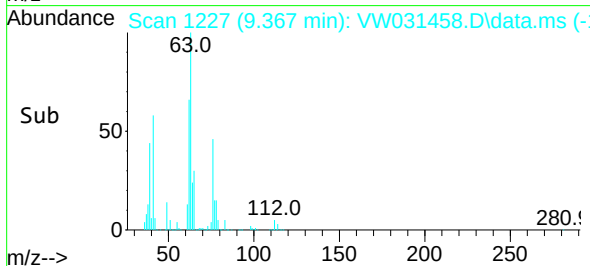
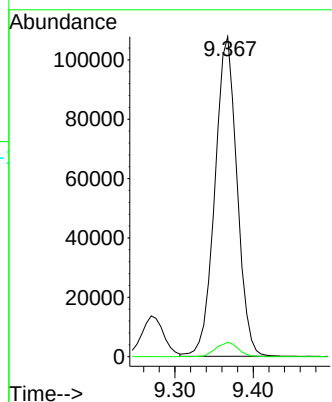
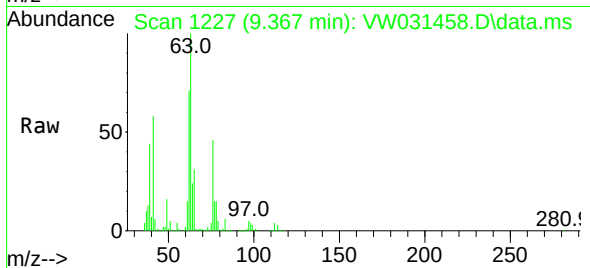
ClientSampleId :

Tgt Ion: 63 Resp: 211077

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8



#38

Bromodichloromethane

Concen: 26.636 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

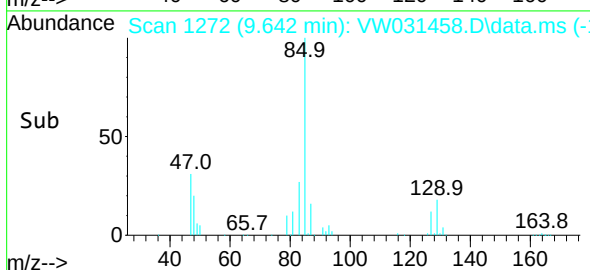
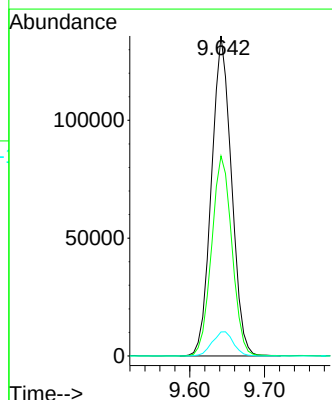
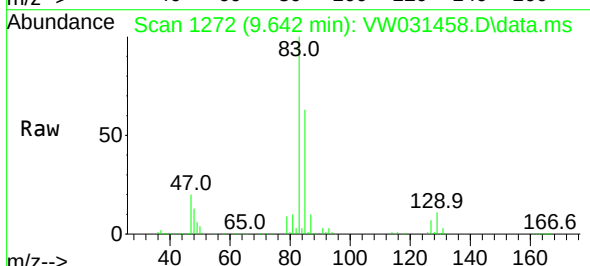
Tgt Ion: 83 Resp: 253043

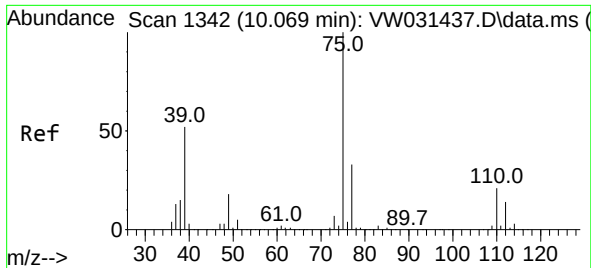
Ion Ratio Lower Upper

83 100

85 62.5 46.5 86.5

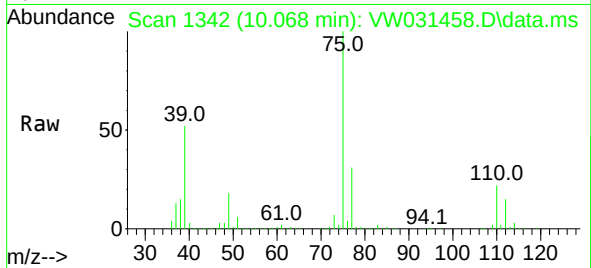
127 7.5 6.2 9.4



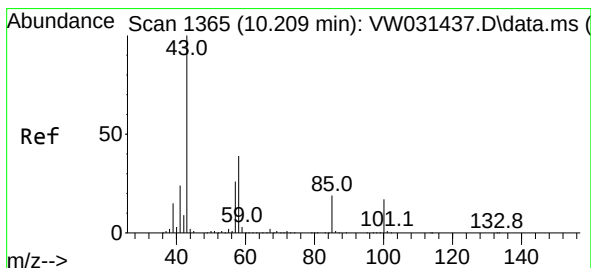
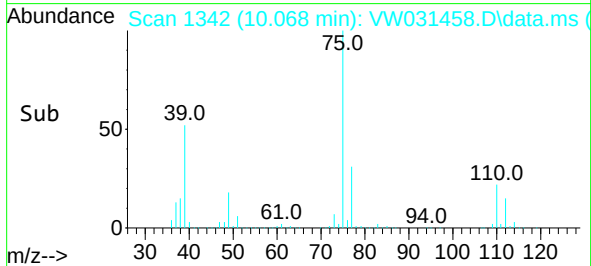
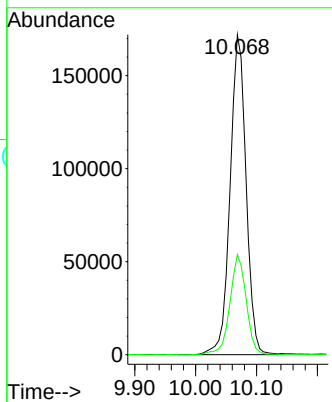


#39
 cis-1,3-Dichloropropene
 Concen: 25.380 ug/L
 RT: 10.068 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW031458.D
 Acq: 21 Dec 2024 04:15

Instrument :
 MSVOA_W
 ClientSampleId :

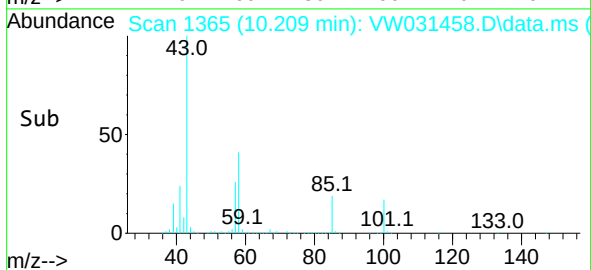
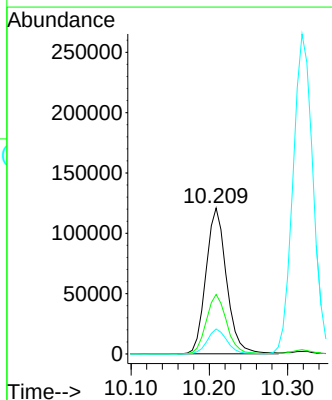
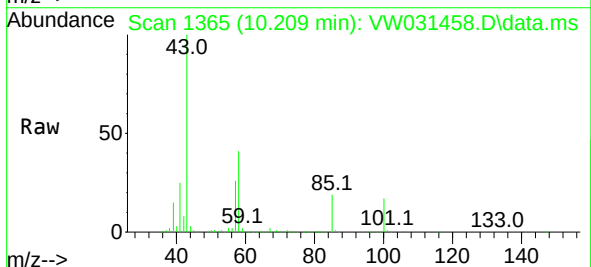


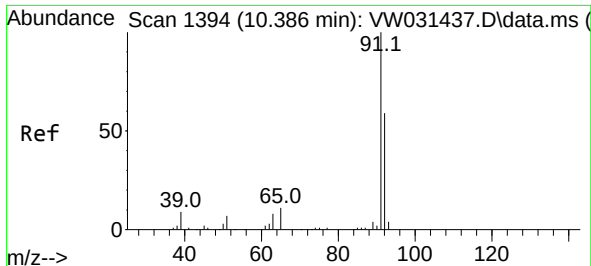
Tgt Ion: 75 Resp: 313395
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 56.757 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW031458.D
 Acq: 21 Dec 2024 04:15

Tgt Ion: 43 Resp: 220041
 Ion Ratio Lower Upper
 43 100
 58 40.5 31.1 46.7
 100 16.5 13.0 19.6





#42

Toluene

Concen: 27.526 ug/L

RT: 10.385 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

Instrument :

MSVOA_W

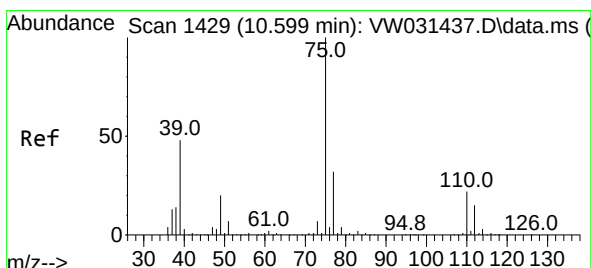
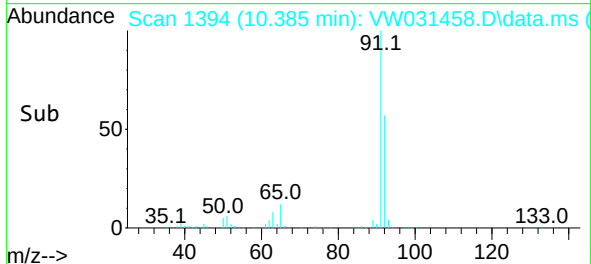
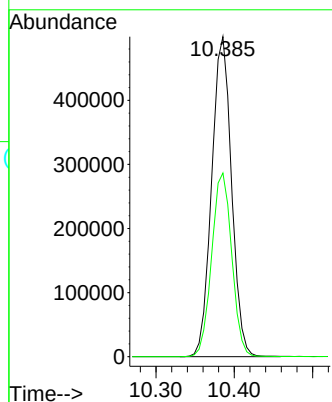
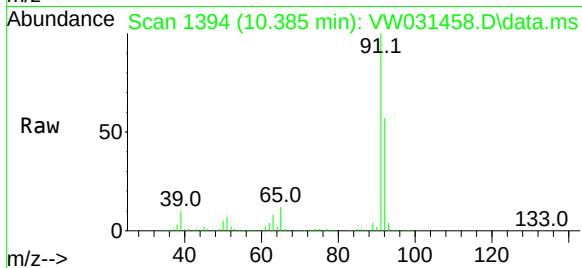
ClientSampleId :

Tgt Ion: 91 Resp: 877861

Ion Ratio Lower Upper

91 100

92 57.4 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 25.066 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW031458.D

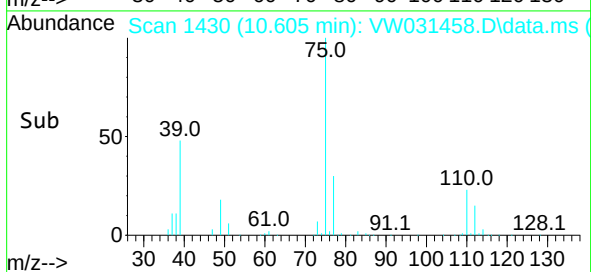
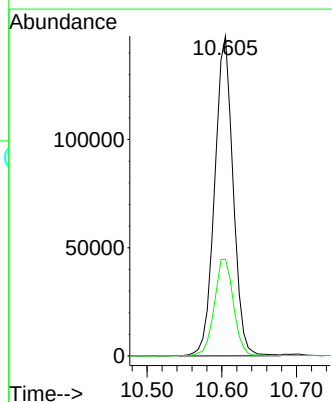
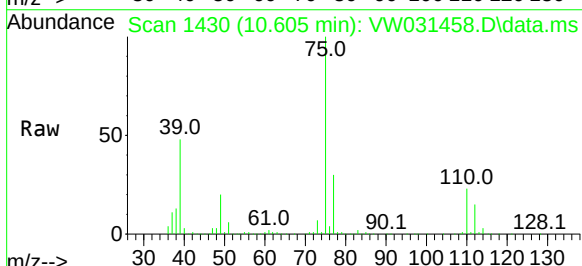
Acq: 21 Dec 2024 04:15

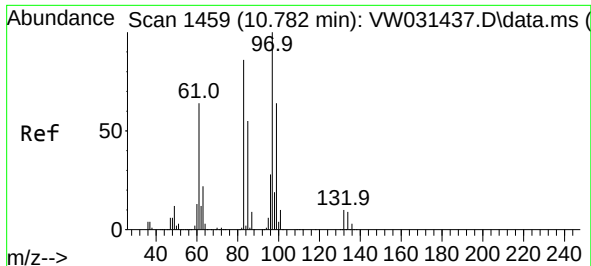
Tgt Ion: 75 Resp: 252725

Ion Ratio Lower Upper

75 100

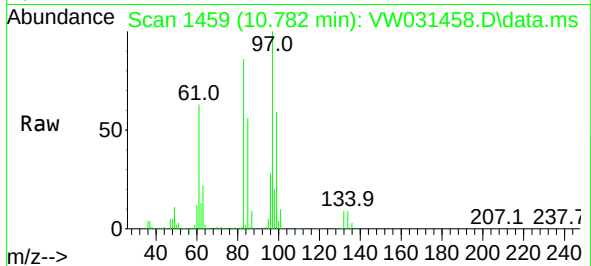
77 30.3 21.2 39.4





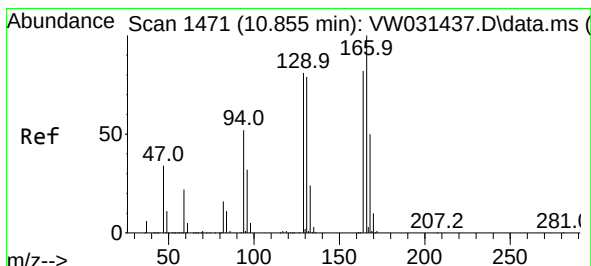
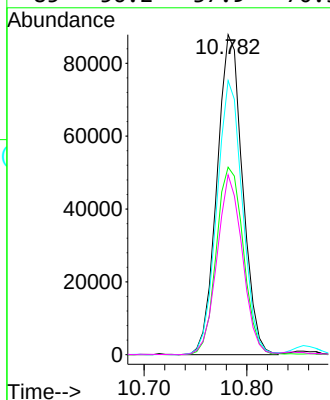
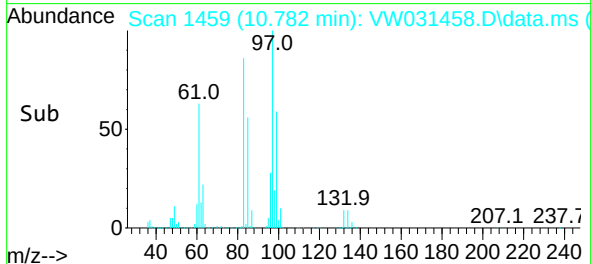
#45
1,1,2-Trichloroethane
Concen: 31.339 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW031458.D
Acq: 21 Dec 2024 04:15

Instrument :
MSVOA_W
ClientSampleId :

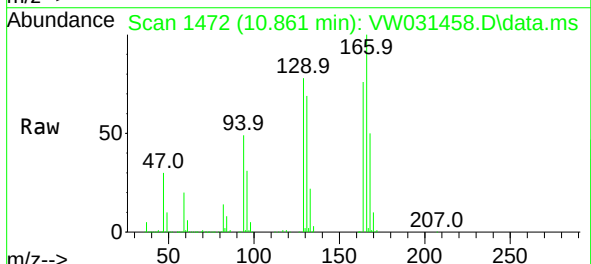


Tgt Ion: 97 Resp: 152324

Ion	Ratio	Lower	Upper
97	100		
99	58.6	43.0	80.0
83	85.7	56.4	104.7
85	56.2	37.9	70.3

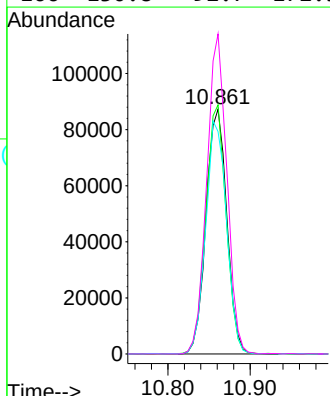
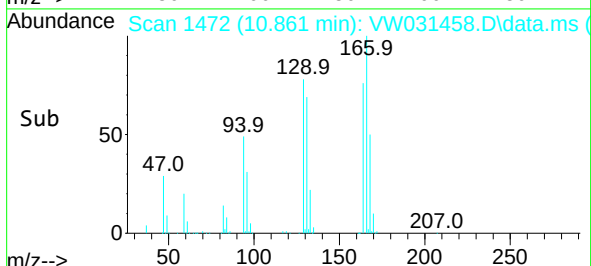


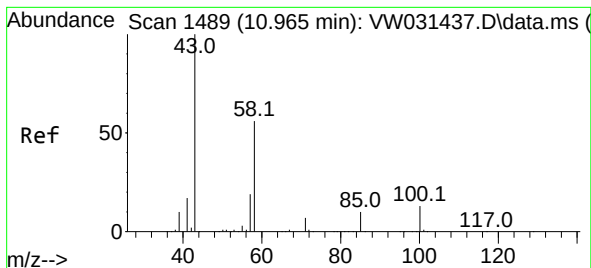
#46
Tetrachloroethene
Concen: 25.356 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW031458.D
Acq: 21 Dec 2024 04:15



Tgt Ion: 164 Resp: 153596

Ion	Ratio	Lower	Upper
164	100		
129	101.8	73.5	136.5
131	90.9	66.6	123.8
166	130.8	92.7	172.3





#48

2-Hexanone

Concen: 44.228 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 145832

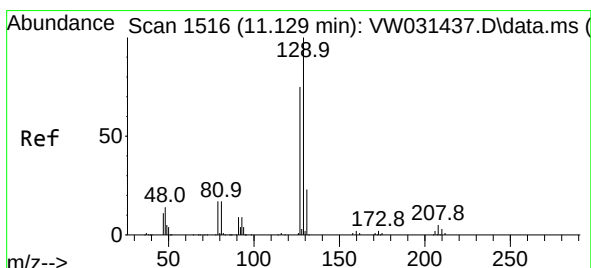
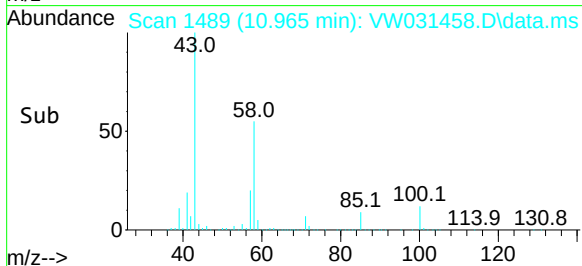
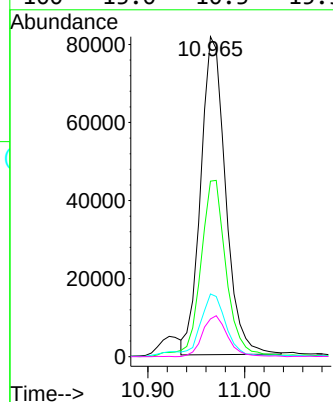
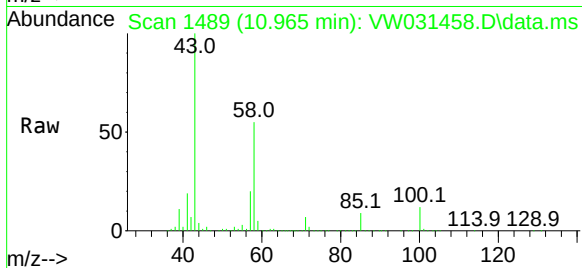
Ion Ratio Lower Upper

43 100

58 55.0 43.0 64.6

57 19.0 15.7 23.5

100 13.0 10.3 15.5



#49

Dibromochloromethane

Concen: 26.897 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW031458.D

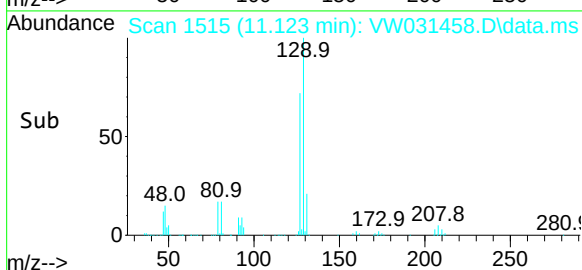
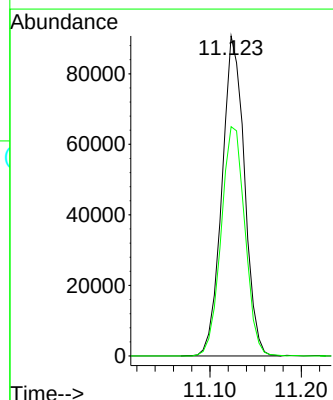
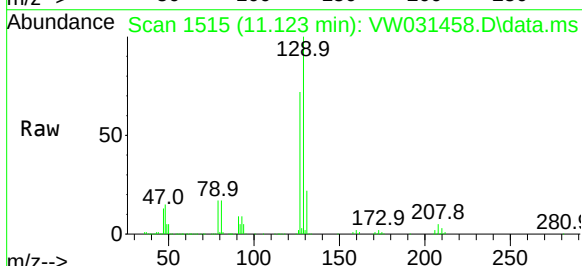
Acq: 21 Dec 2024 04:15

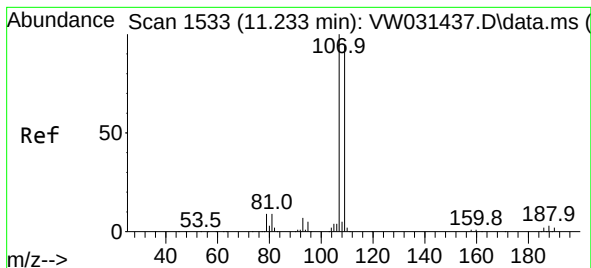
Tgt Ion:129 Resp: 154967

Ion Ratio Lower Upper

129 100

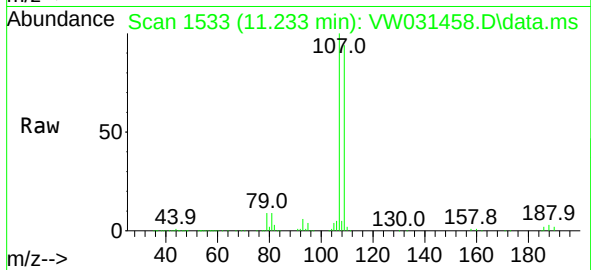
127 71.6 57.6 107.0



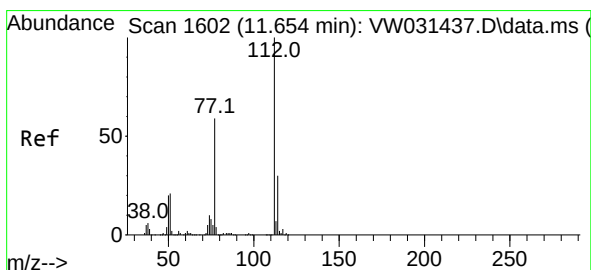
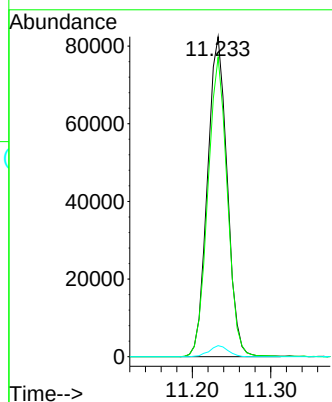
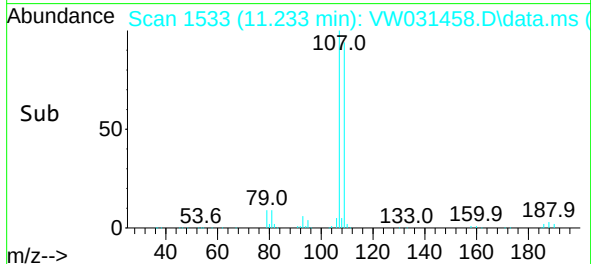


#50
1,2-Dibromoethane
Concen: 31.304 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031458.D
Acq: 21 Dec 2024 04:15

Instrument :
MSVOA_W
ClientSampleId :

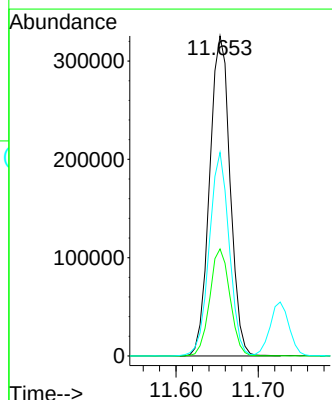
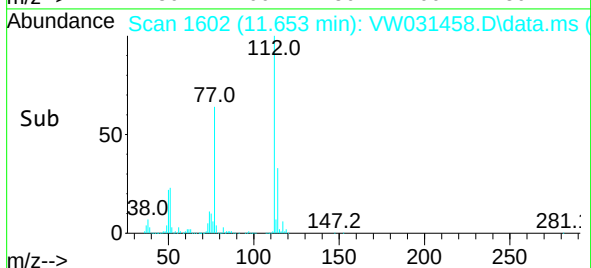
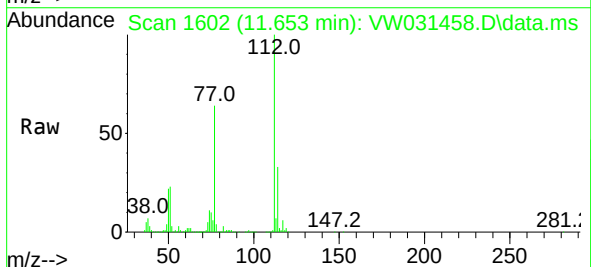


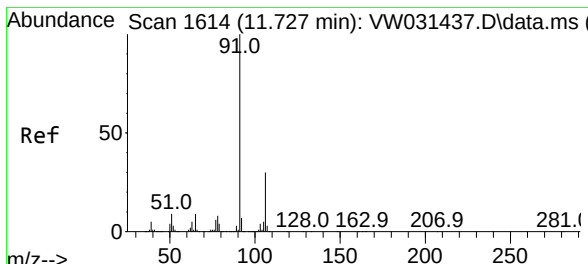
Tgt Ion:107 Resp: 144134
Ion Ratio Lower Upper
107 100
109 93.6 63.2 117.4
188 3.4 2.6 4.0



#51
Chlorobenzene
Concen: 28.225 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031458.D
Acq: 21 Dec 2024 04:15

Tgt Ion:112 Resp: 564381
Ion Ratio Lower Upper
112 100
114 33.4 22.7 42.3
77 63.6 50.2 75.4

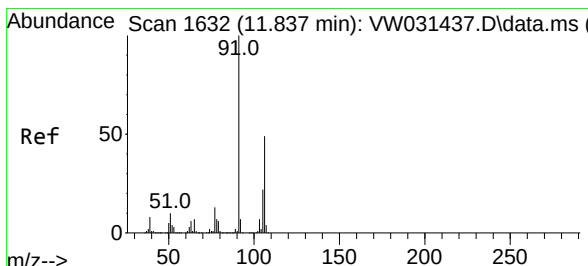
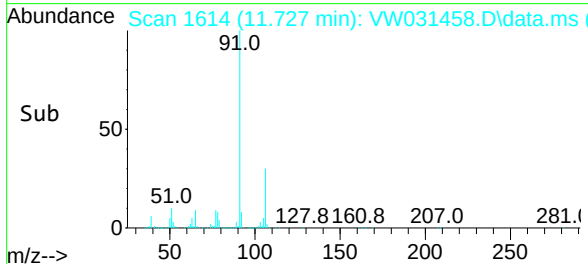
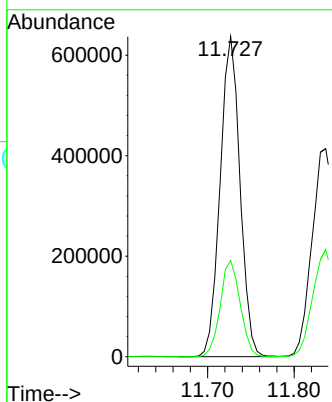
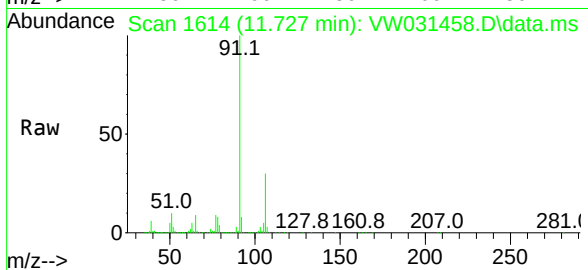




#52
 Ethylbenzene
 Concen: 27.431 ug/L
 RT: 11.727 min Scan# 1614
 Delta R.T. -0.000 min
 Lab File: VW031458.D
 Acq: 21 Dec 2024 04:15

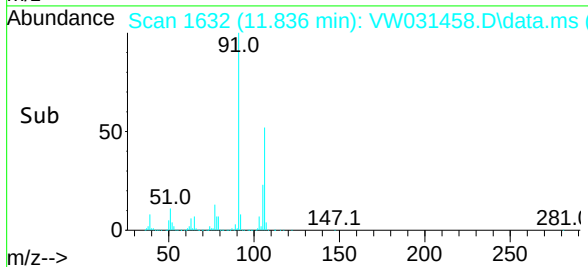
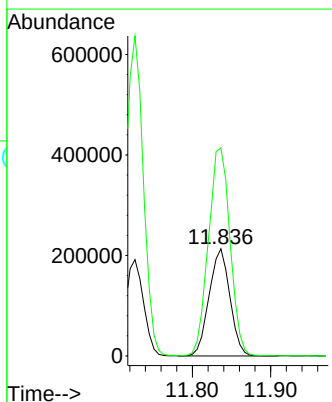
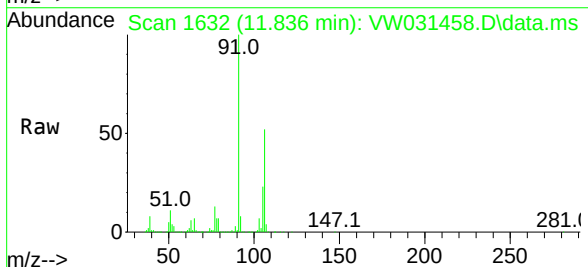
Instrument :
 MSVOA_W
 ClientSampleId :

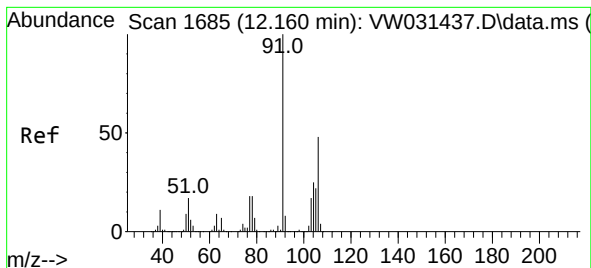
Tgt Ion: 91 Resp: 1013902
 Ion Ratio Lower Upper
 91 100
 106 30.1 20.7 38.5



#53
 m,p-Xylene
 Concen: 27.932 ug/L
 RT: 11.836 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VW031458.D
 Acq: 21 Dec 2024 04:15

Tgt Ion: 106 Resp: 393030
 Ion Ratio Lower Upper
 106 100
 91 194.1 139.9 259.7





#54

o-Xylene

Concen: 28.670 ug/L

RT: 12.159 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

Instrument :

MSVOA_W

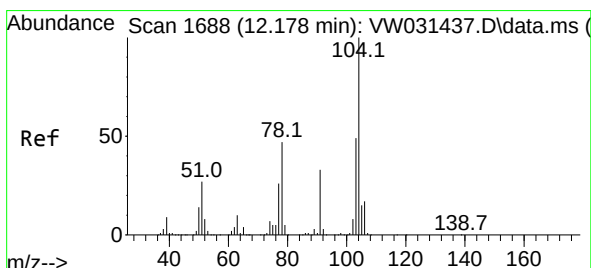
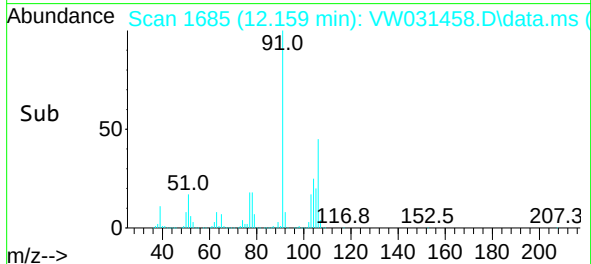
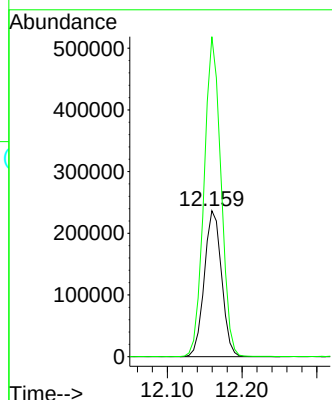
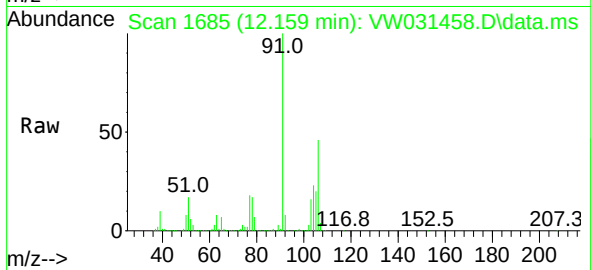
ClientSampleId :

Tgt Ion:106 Resp: 380190

Ion Ratio Lower Upper

106 100

91 219.2 153.1 284.3



#55

Styrene

Concen: 29.113 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW031458.D

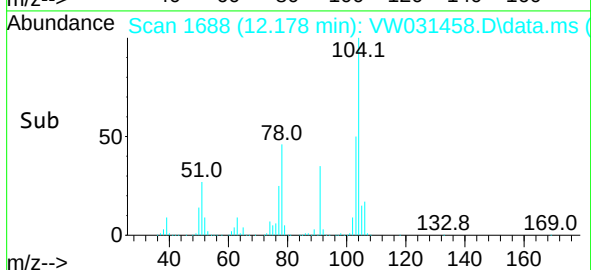
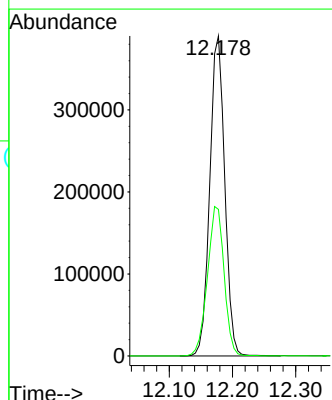
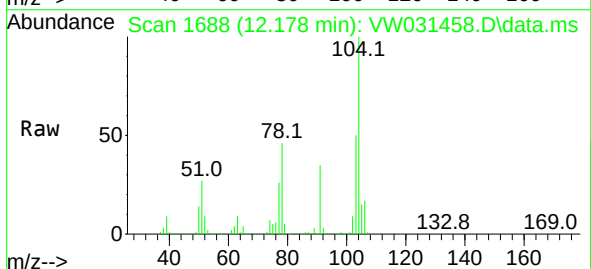
Acq: 21 Dec 2024 04:15

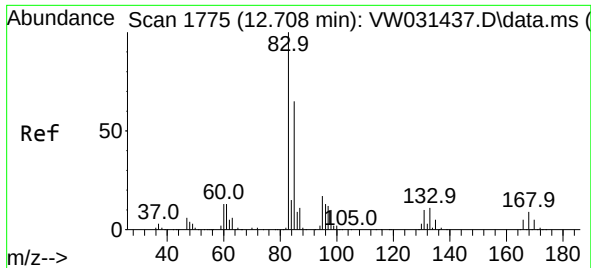
Tgt Ion:104 Resp: 642182

Ion Ratio Lower Upper

104 100

78 45.8 31.4 58.4

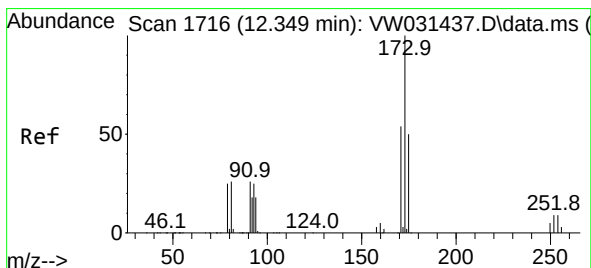
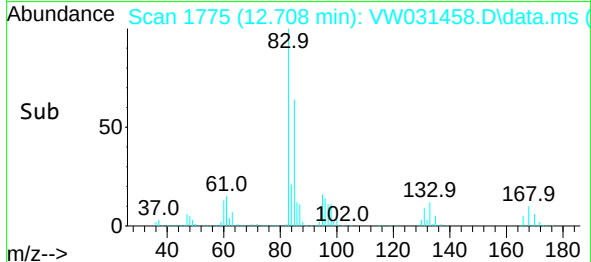
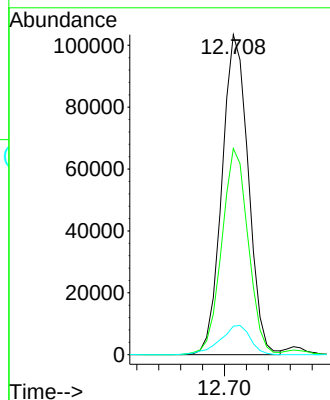
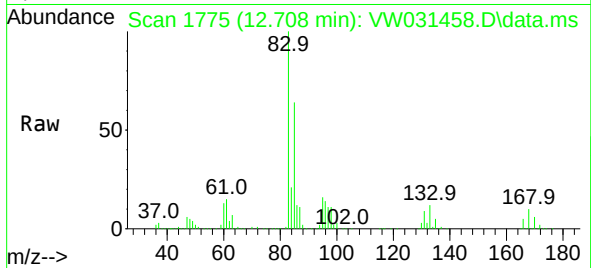




#57
1,1,2,2-Tetrachloroethane
Concen: 32.920 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW031458.D
Acq: 21 Dec 2024 04:15

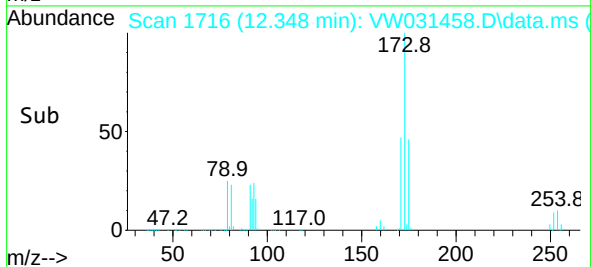
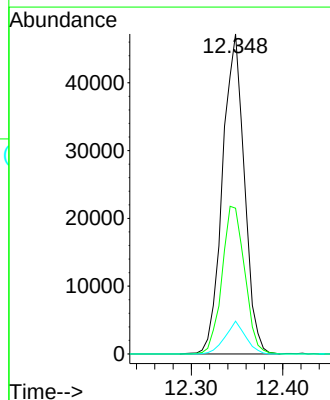
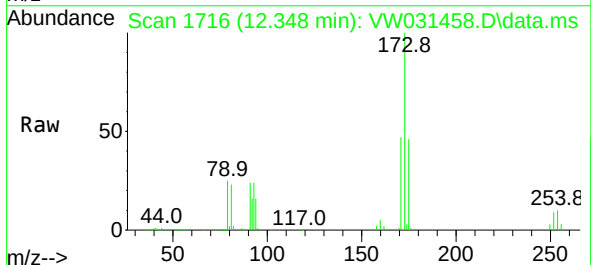
Instrument :
MSVOA_W
ClientSampleId :

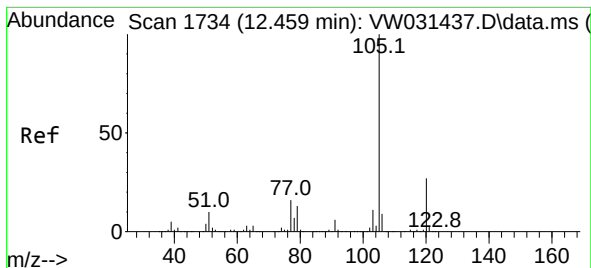
Tgt Ion: 83 Resp: 172490
Ion Ratio Lower Upper
83 100
85 64.5 44.1 81.9
131 8.9 7.9 11.9



#59
Bromoform
Concen: 23.015 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW031458.D
Acq: 21 Dec 2024 04:15

Tgt Ion:173 Resp: 78349
Ion Ratio Lower Upper
173 100
175 48.0 38.6 57.8
254 9.7 7.6 11.4





#60

Isopropylbenzene

Concen: 25.559 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

Instrument :

MSVOA_W

ClientSampleId :

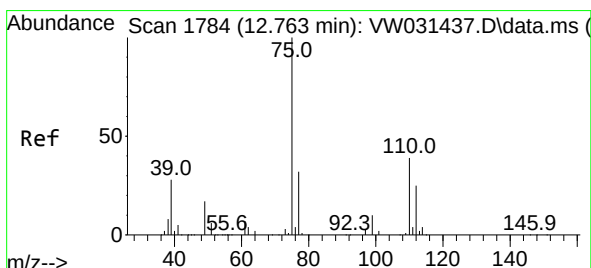
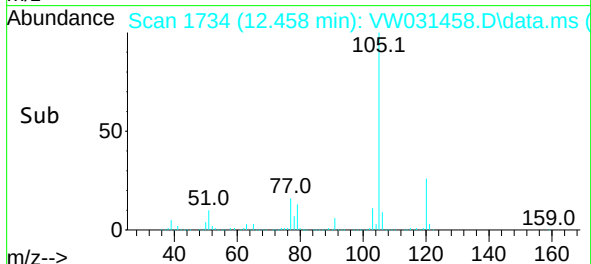
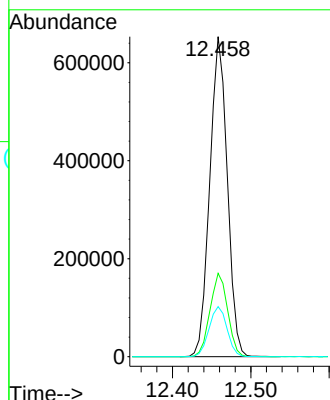
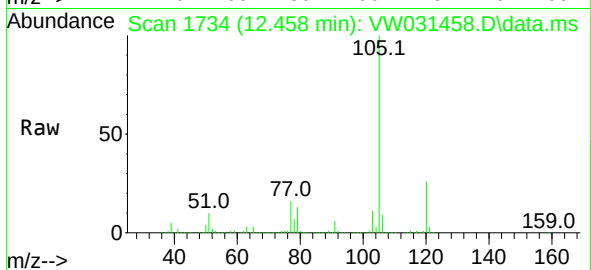
Tgt Ion:105 Resp: 1013542

Ion Ratio Lower Upper

105 100

120 26.2 20.6 31.0

77 16.0 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 30.361 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

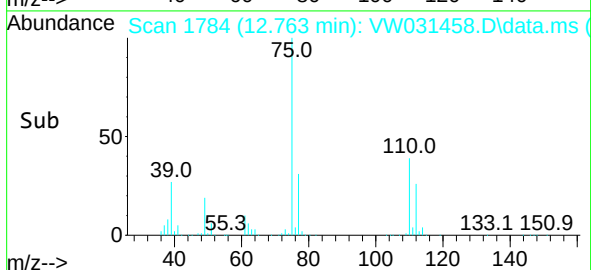
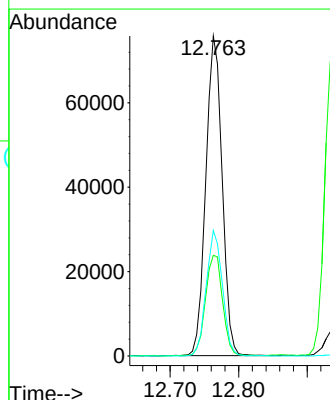
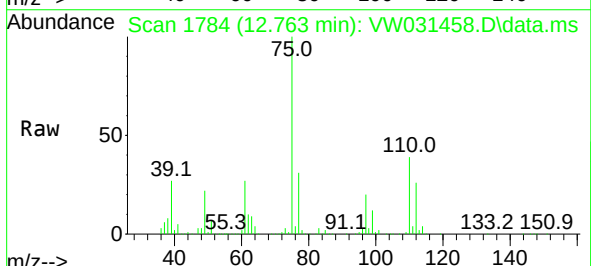
Tgt Ion: 75 Resp: 125891

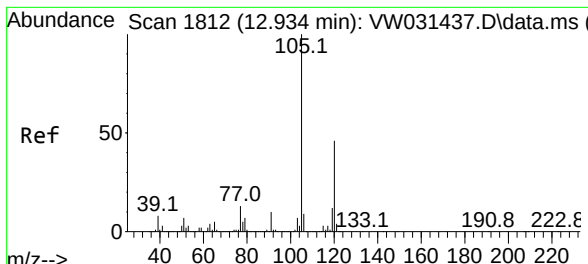
Ion Ratio Lower Upper

75 100

77 32.8 25.3 37.9

110 38.9 31.2 46.8

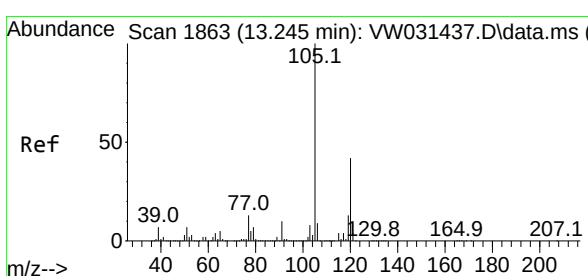
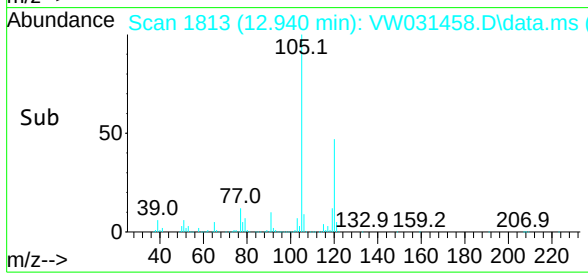
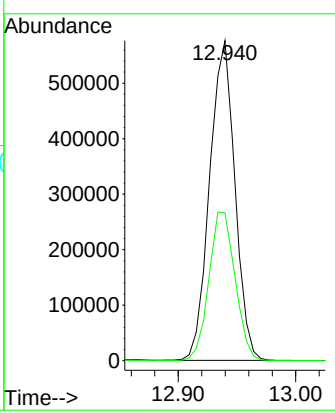
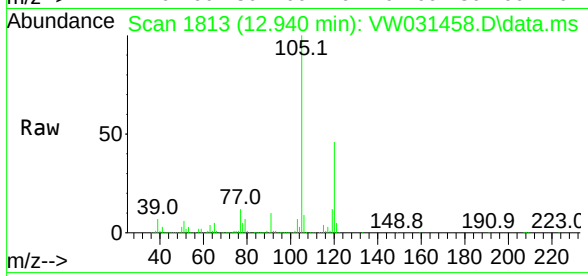




#62
 1,3,5-Trimethylbenzene
 Concen: 25.632 ug/L
 RT: 12.940 min Scan# 1812
 Delta R.T. 0.006 min
 Lab File: VW031458.D
 Acq: 21 Dec 2024 04:15

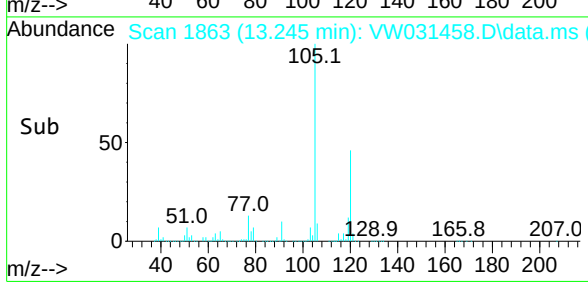
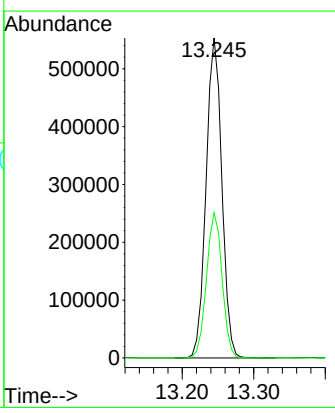
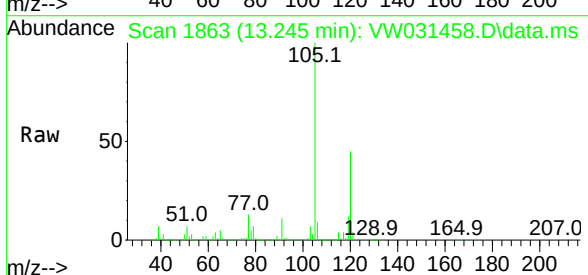
Instrument :
 MSVOA_W
 ClientSampleId :

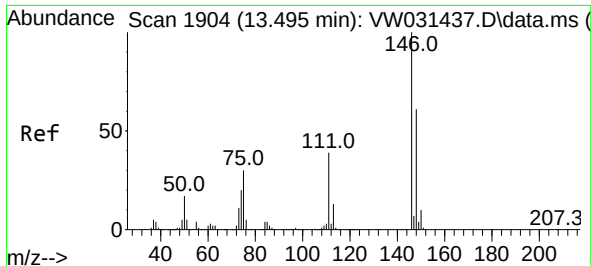
Tgt Ion:105 Resp: 861753
 Ion Ratio Lower Upper
 105 100
 120 48.4 37.3 55.9



#63
 1,2,4-Trimethylbenzene
 Concen: 26.049 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW031458.D
 Acq: 21 Dec 2024 04:15

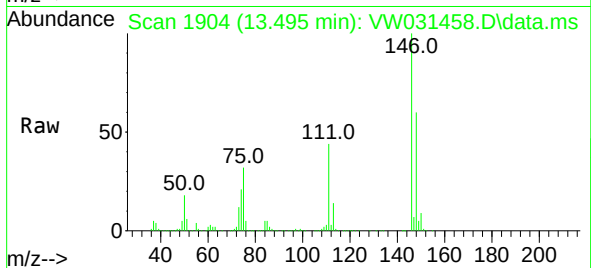
Tgt Ion:105 Resp: 846463
 Ion Ratio Lower Upper
 105 100
 120 45.1 35.0 52.4



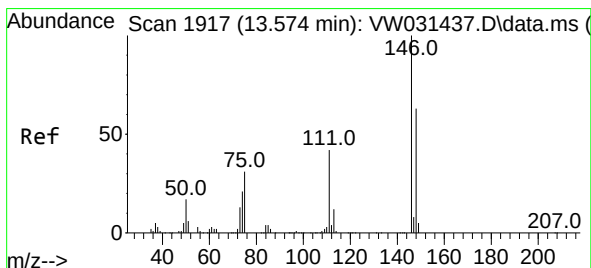
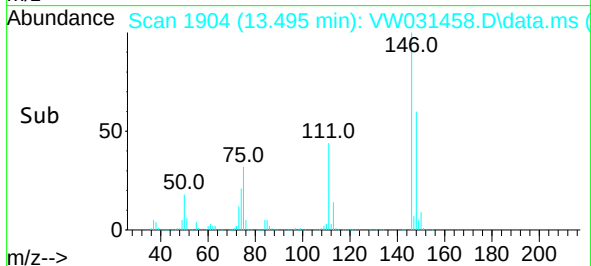
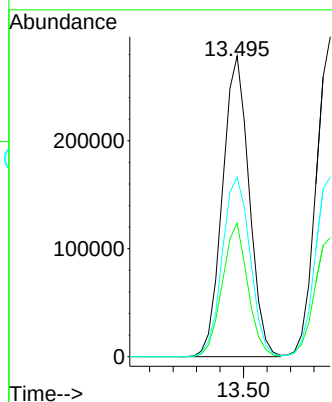


#64
1,3-Dichlorobenzene
Concen: 27.301 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031458.D
Acq: 21 Dec 2024 04:15

Instrument :
MSVOA_W
ClientSampleId :

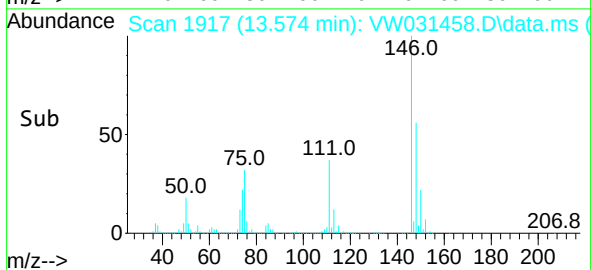
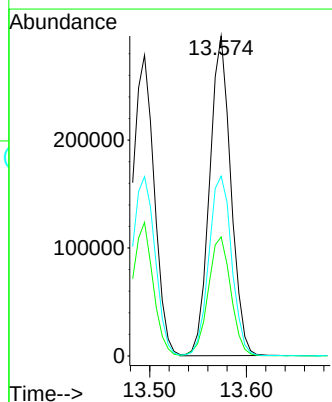
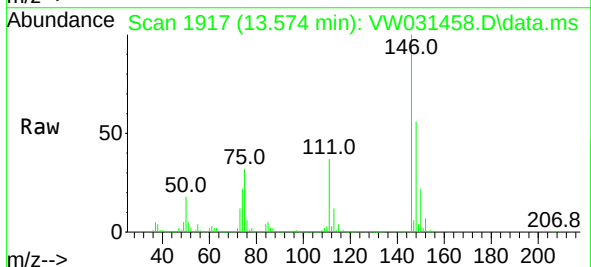


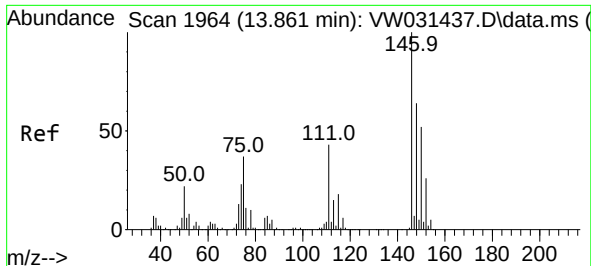
Tgt Ion:146 Resp: 438625
Ion Ratio Lower Upper
146 100
111 44.4 27.6 51.2
148 59.6 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 28.468 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031458.D
Acq: 21 Dec 2024 04:15

Tgt Ion:146 Resp: 453183
Ion Ratio Lower Upper
146 100
111 37.2 30.7 56.9
148 56.2 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 28.130 ug/L

RT: 13.866 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

Instrument :

MSVOA_W

ClientSampleId :

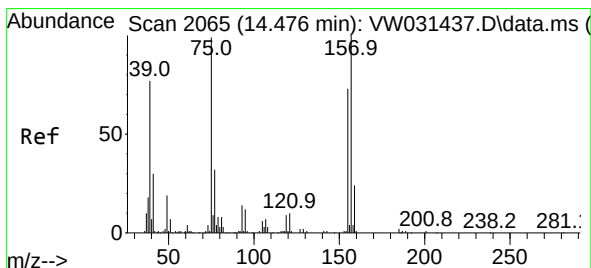
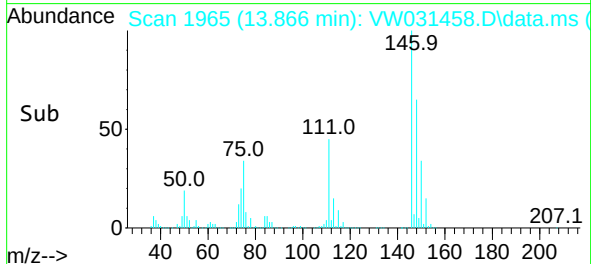
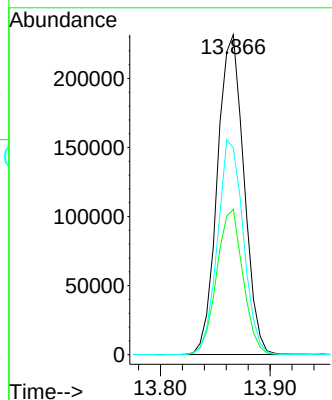
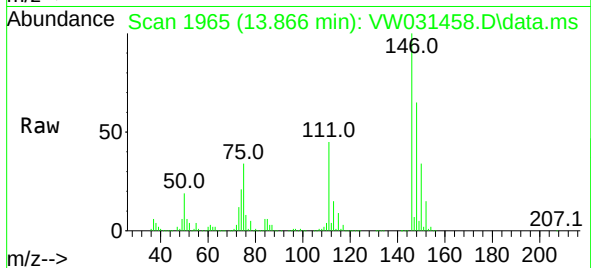
Tgt Ion:146 Resp: 389415

Ion Ratio Lower Upper

146 100

111 45.4 38.6 58.0

148 64.6 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 24.099 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

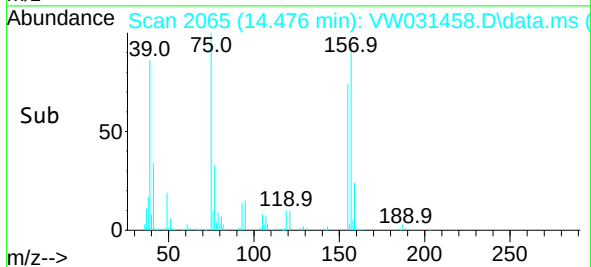
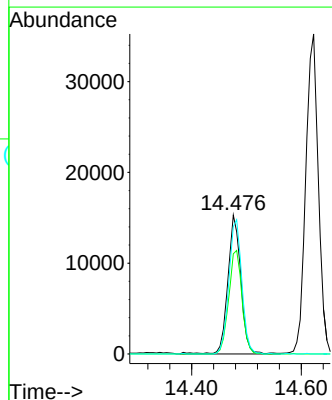
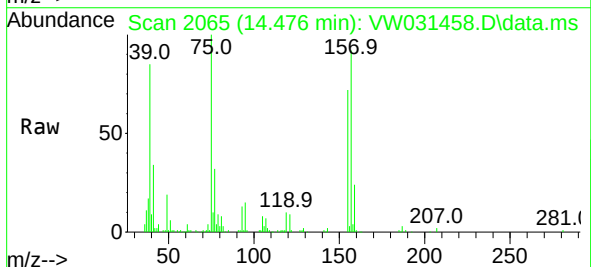
Tgt Ion: 75 Resp: 25359

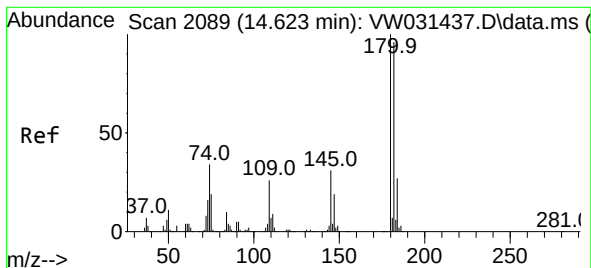
Ion Ratio Lower Upper

75 100

155 72.2 56.6 85.0

157 91.7 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 25.179 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. 0.006 min

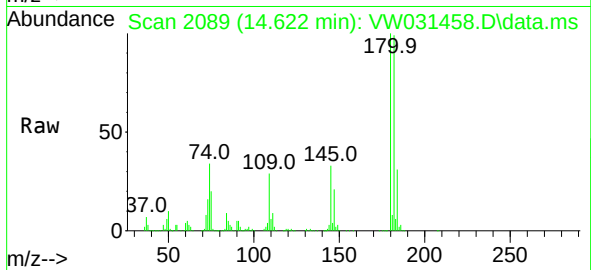
Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 283318

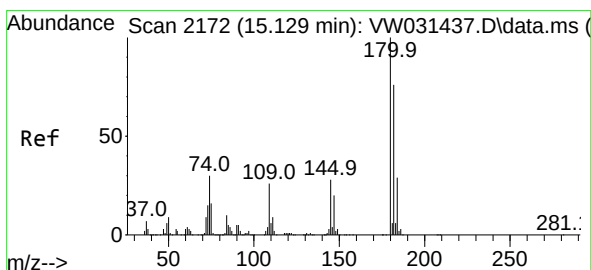
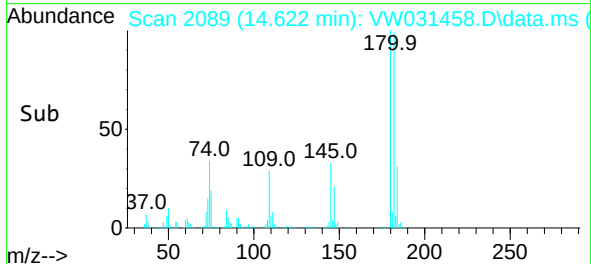
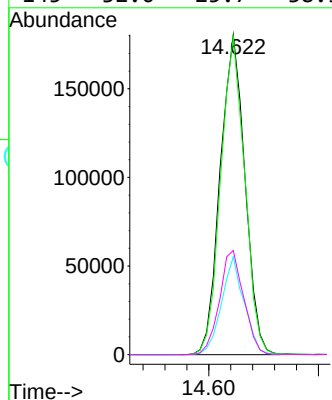
Ion Ratio Lower Upper

180 100

182 96.2 75.0 112.4

184 27.9 24.6 36.8

145 32.0 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 25.997 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

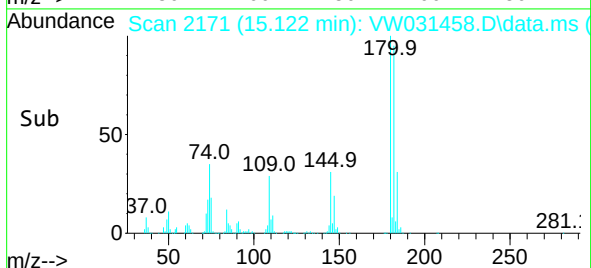
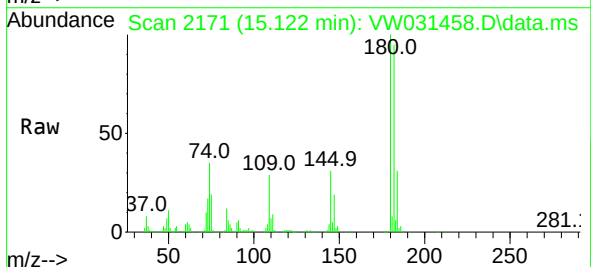
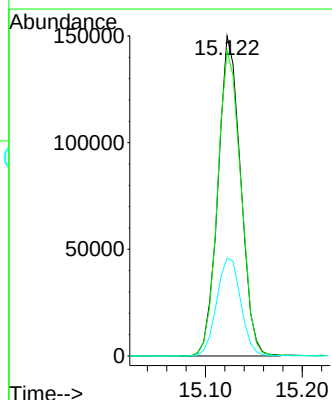
Tgt Ion:180 Resp: 243339

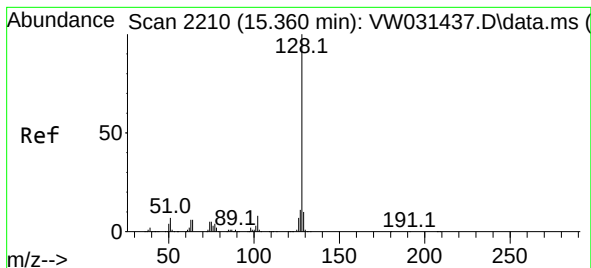
Ion Ratio Lower Upper

180 100

182 98.0 78.2 117.2

145 32.6 26.7 40.1





#71

Naphthalene

Concen: 29.530 ug/L

RT: 15.354 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

Instrument :

MSVOA_W

ClientSampleId :

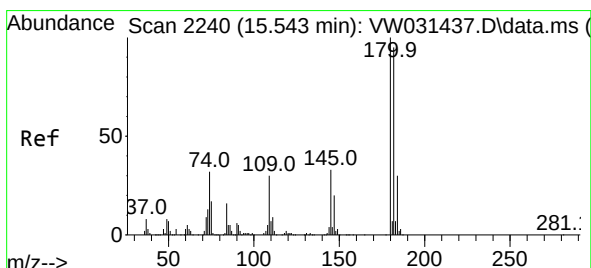
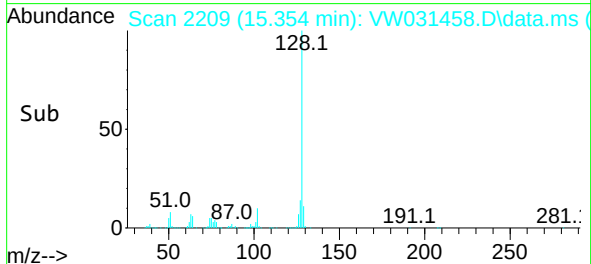
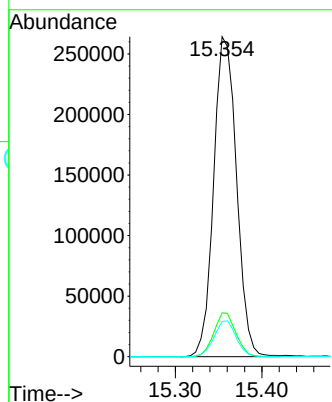
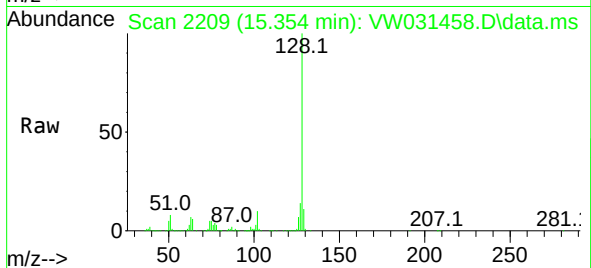
Tgt Ion:128 Resp: 484603

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 28.960 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW031458.D

Acq: 21 Dec 2024 04:15

Tgt Ion:180 Resp: 218402

Ion Ratio Lower Upper

180 100

182 93.3 75.0 112.4

145 34.2 27.8 41.6

