

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101024\
 Data File : VW030535.D
 Acq On : 11 Oct 2024 02:20
 Operator : SY/MD
 Sample : P4352-06MSD
 Misc : 5.21g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 11 03:29:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 11 02:35:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	458068	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	397167	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	143642	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	173467	24.092	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.360%
7) Chloroethane-d5	2.893	69	147537	27.070	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.280%
11) 1,1-Dichloroethene-d2	4.015	65	72724	24.284	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.120%
21) 2-Butanone-d5	7.075	46	61526	47.483	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.960%
24) Chloroform-d	7.648	84	345829	26.400	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	8.307	65	176888	25.967	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.880%
32) Benzene-d6	8.270	84	643308	27.907	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.640%
36) 1,2-Dichloropropane-d6	9.270	67	192033	28.383	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.520%
41) Toluene-d8	10.319	98	598357	28.434	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.720%
43) trans-1,3-Dichloroprop...	10.575	79	74017	26.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.520%
47) 2-Hexanone-d5	10.922	63	51144	58.689	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	119756	24.102	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	13.849	152	119750	24.639	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	96614	16.508	ug/L	92
3) Chloromethane	2.223	50	126196	18.553	ug/L	99
5) Vinyl chloride	2.375	62	145450	17.388	ug/L	98
6) Bromomethane	2.783	94	102228	18.567	ug/L	99
8) Chloroethane	2.930	64	99806	19.518	ug/L	100
9) Trichlorofluoromethane	3.265	101	134446	17.963	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	114232	16.964	ug/L	98
13) Acetone	4.125	43	45165	23.808	ug/L	99
14) Carbon disulfide	4.393	76	288320	14.366	ug/L	99
15) Methyl Acetate	4.667	43	40050	17.091	ug/L	99
16) Methylene chloride	4.917	84	118524	17.115	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	122781	18.515	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	179255	19.314	ug/L	99
19) 1,1-Dichloroethane	6.216	63	237150	19.241	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	137076	19.379	ug/L	98
22) 2-Butanone	7.173	43	54891	26.844	ug/L	98
23) Bromochloromethane	7.508	128	55698	18.000	ug/L	87
25) Chloroform	7.673	83	247464	18.788	ug/L	97
27) 1,2-Dichloroethane	8.398	62	155792	17.929	ug/L	100

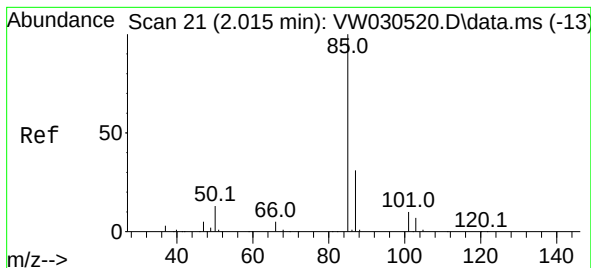
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101024\
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Quant Time: Oct 11 03:29:13 2024
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 Quant Title : SFAM01.0
 QLast Update : Fri Oct 11 02:35:02 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	194683	20.137	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	198481	18.825	ug/L	99
31) Carbon tetrachloride	8.069	117	175972	18.687	ug/L	100
33) Benzene	8.325	78	523733	20.264	ug/L	100
34) Trichloroethene	9.093	95	137757	19.158	ug/L	96
35) Methylcyclohexane	9.331	83	188482	16.656	ug/L	99
37) 1,2-Dichloropropane	9.368	63	128883	19.966	ug/L	100
38) Bromodichloromethane	9.642	83	165358	19.254	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	188055	19.314	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	126987	40.949	ug/L	98
42) Toluene	10.386	91	549357	19.923	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	151295	18.491	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	86267	18.491	ug/L	96
46) Tetrachloroethene	10.855	164	92814	17.501	ug/L	94
48) 2-Hexanone	10.965	43	83800	33.044	ug/L	98
49) Dibromochloromethane	11.130	129	91612	17.599	ug/L	93
50) 1,2-Dibromoethane	11.227	107	76937	17.674	ug/L	94
51) Chlorobenzene	11.654	112	305938	17.236	ug/L	95
52) Ethylbenzene	11.727	91	588726	18.712	ug/L	100
53) m,p-Xylene	11.837	106	212639	18.039	ug/L	99
54) o-Xylene	12.160	106	199240	18.283	ug/L	88
55) Styrene	12.178	104	286670	15.388	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.709	83	87544	16.640	ug/L	96
59) Bromoform	12.343	173	44720	22.159	ug/L	94
60) Isopropylbenzene	12.459	105	533552	23.986	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	65195	23.325	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	401423	22.874	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	373661	21.746	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	175408	18.116	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	167952	16.799	ug/L	92
67) 1,2-Dichlorobenzene	13.861	146	144421	16.950	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.483	75	12150	19.495	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	73002	11.433	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	46457	9.038	ug/L	99
71) Naphthalene	15.360	128	99299	11.182	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	38083	8.546	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 16.508 ug/L

RT: 2.009 min Scan# 20

Delta R.T. -0.006 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Instrument :

MSVOA_W

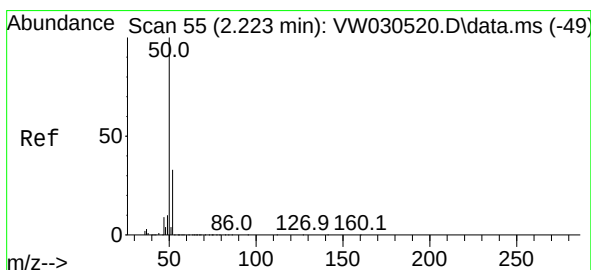
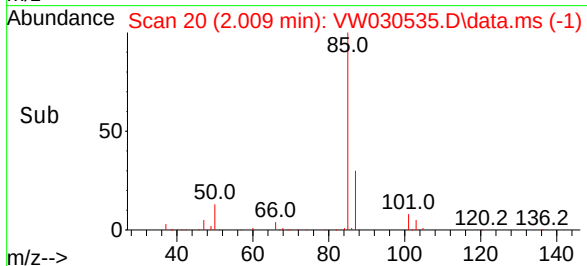
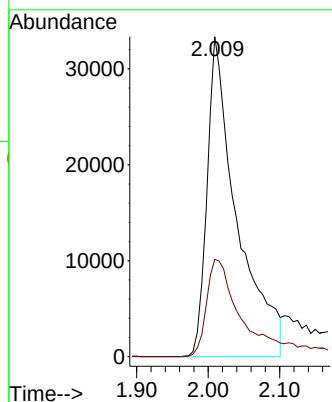
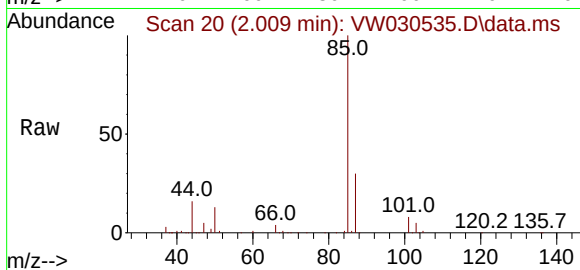
ClientSampleId :

Tgt Ion: 85 Resp: 96614

Ion Ratio Lower Upper

85 100

87 34.1 23.8 35.6



#3

Chloromethane

Concen: 18.553 ug/L

RT: 2.223 min Scan# 55

Delta R.T. 0.000 min

Lab File: VW030535.D

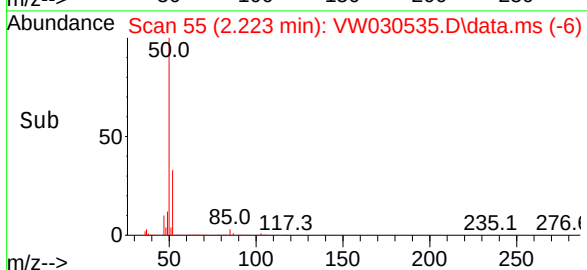
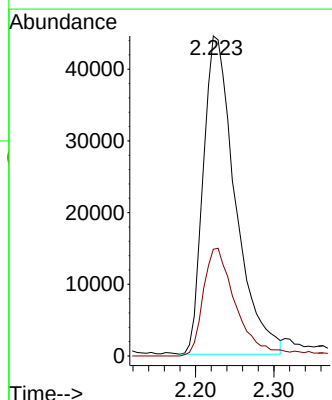
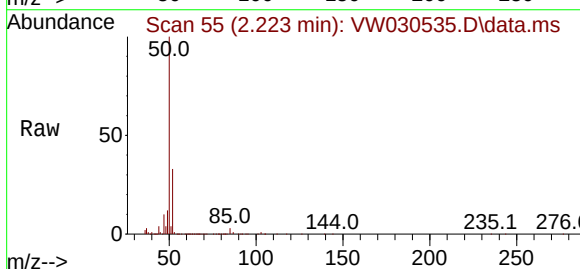
Acq: 11 Oct 2024 02:20

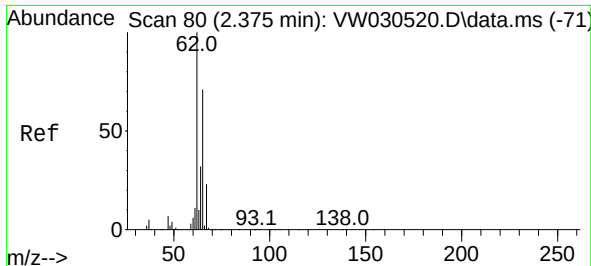
Tgt Ion: 50 Resp: 126196

Ion Ratio Lower Upper

50 100

52 33.4 23.7 43.9

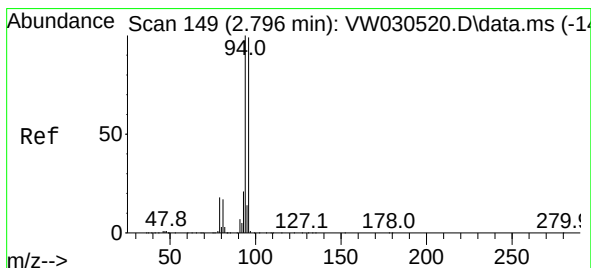
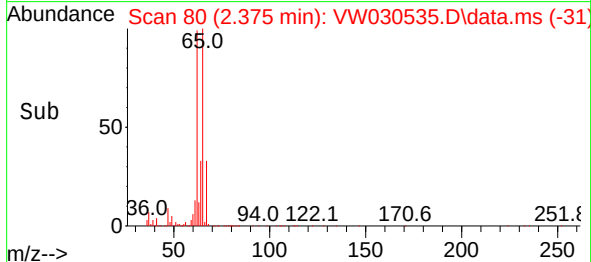
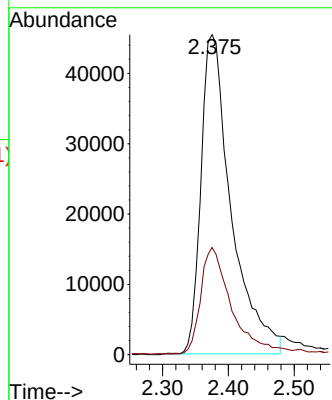
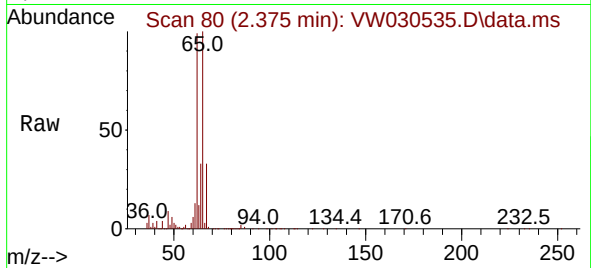




#5
 Vinyl chloride
 Concen: 17.388 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030535.D
 Acq: 11 Oct 2024 02:20

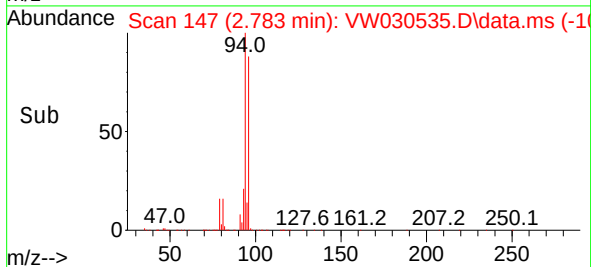
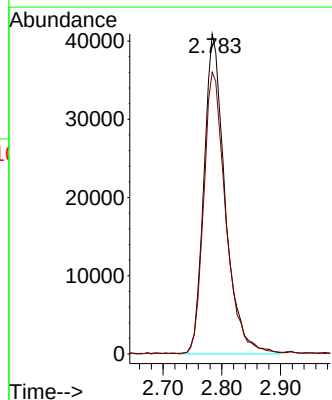
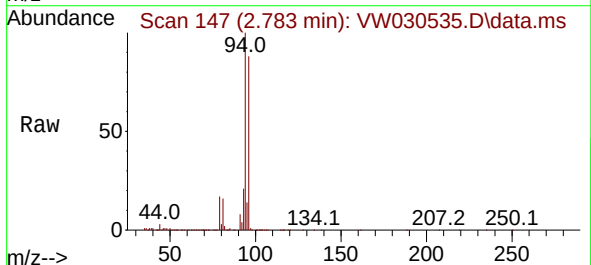
Instrument :
 MSVOA_W
 ClientSampleId :

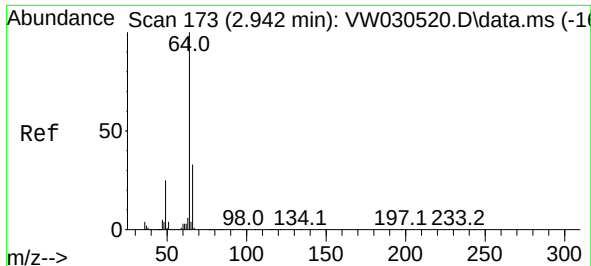
Tgt Ion: 62 Resp: 145450
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.6 42.0



#6
 Bromomethane
 Concen: 18.567 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.012 min
 Lab File: VW030535.D
 Acq: 11 Oct 2024 02:20

Tgt Ion: 94 Resp: 102228
 Ion Ratio Lower Upper
 94 100
 96 88.1 62.6 116.2

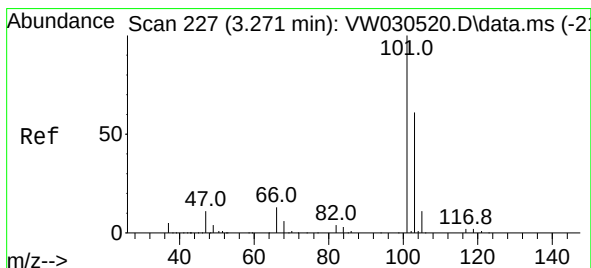
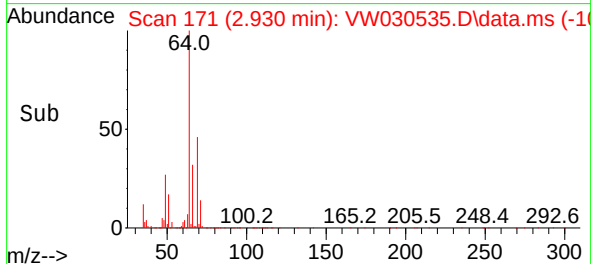
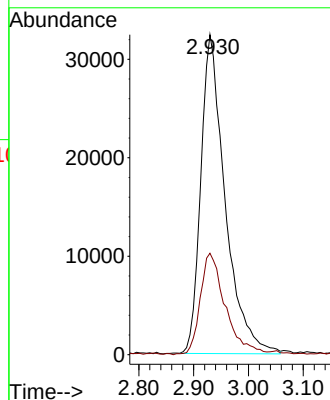
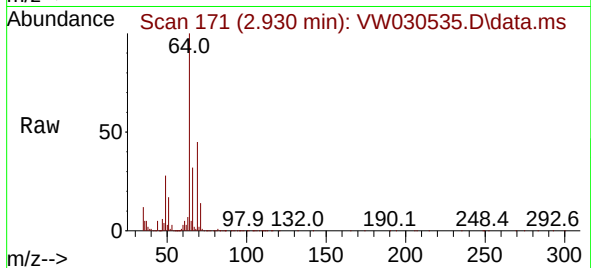




#8
Chloroethane
Concen: 19.518 ug/L
RT: 2.930 min Scan# 173
Delta R.T. -0.012 min
Lab File: VW030535.D
Acq: 11 Oct 2024 02:20

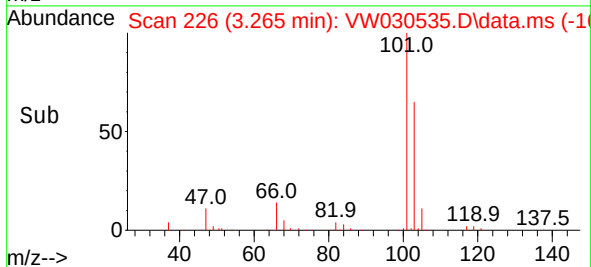
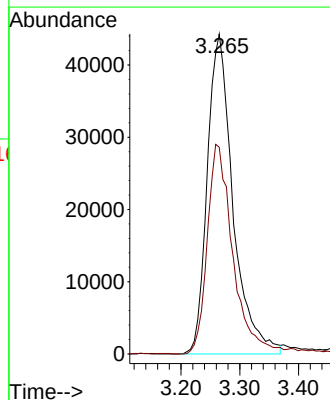
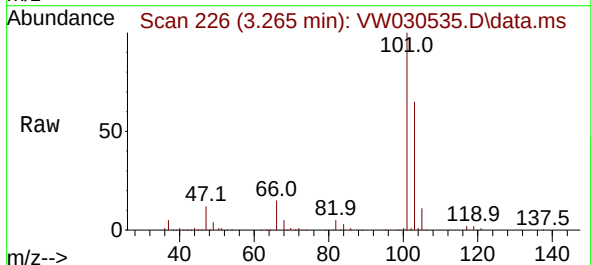
Instrument :
MSVOA_W
ClientSampleId :

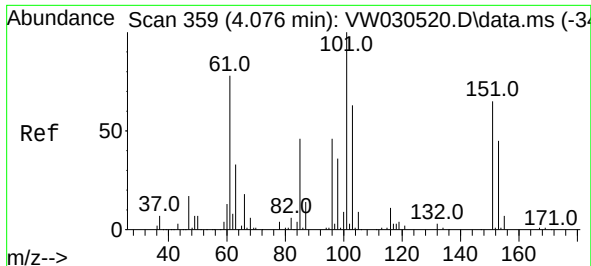
Tgt Ion: 64 Resp: 99806
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 17.963 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030535.D
Acq: 11 Oct 2024 02:20

Tgt Ion:101 Resp: 134446
Ion Ratio Lower Upper
101 100
103 64.7 51.1 76.7





#10

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

Concen: 16.964 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Instrument :

MSVOA_W

ClientSampleId :

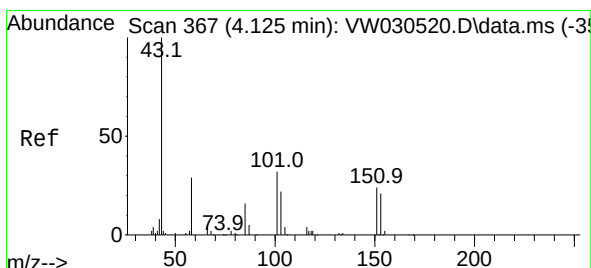
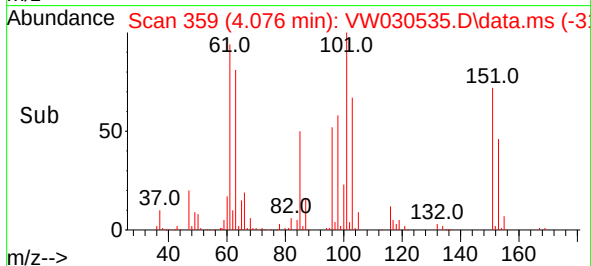
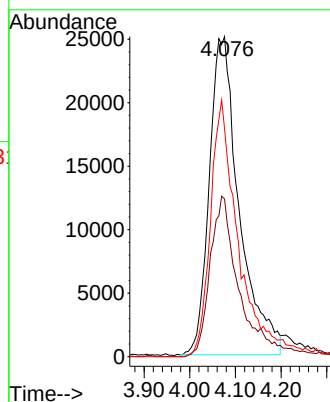
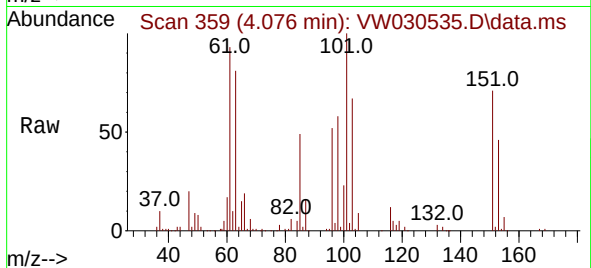
Tgt Ion:101 Resp: 114232

Ion Ratio Lower Upper

101 100

85 44.0 35.7 53.5

151 72.5 56.1 84.1



#13

Acetone

Concen: 23.808 ug/L

RT: 4.125 min Scan# 367

Delta R.T. 0.000 min

Lab File: VW030535.D

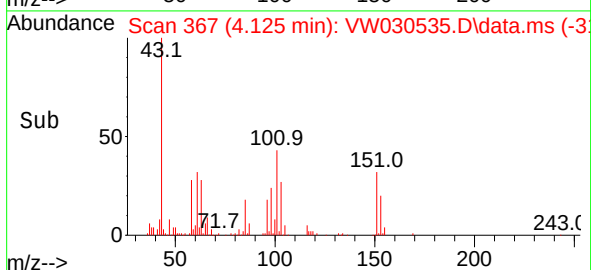
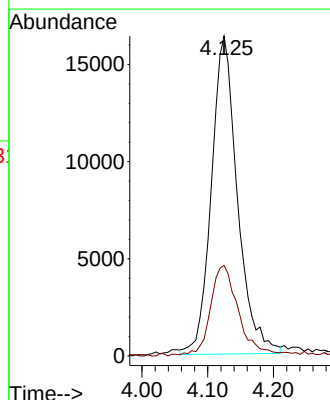
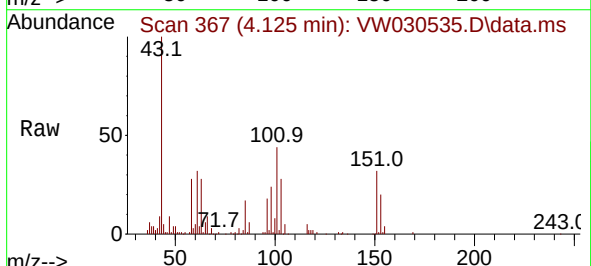
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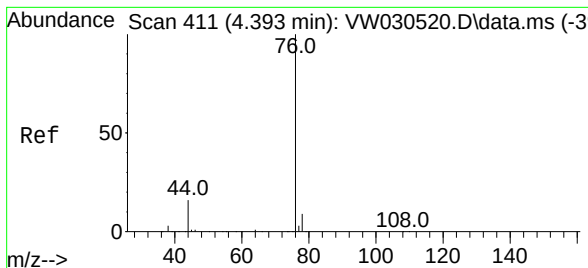
Tgt Ion: 43 Resp: 45165

Ion Ratio Lower Upper

43 100

58 29.3 0.0 57.6





#14

Carbon disulfide

Concen: 14.366 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Instrument :

MSVOA_W

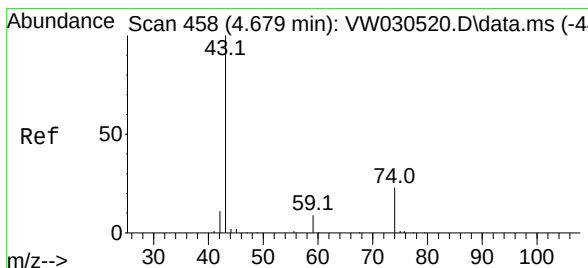
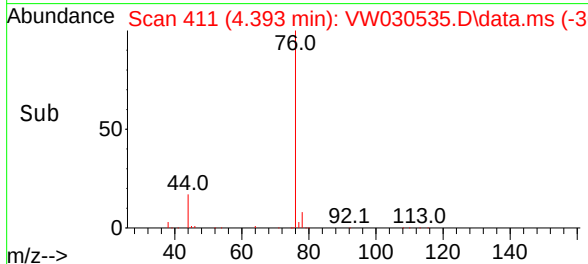
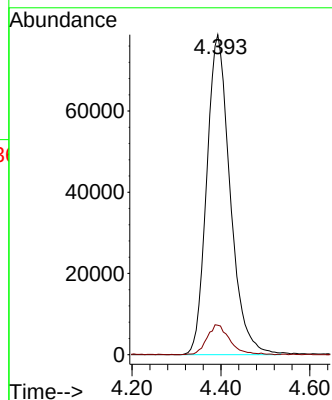
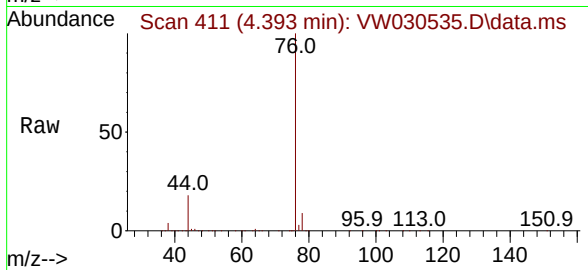
ClientSampleId :

Tgt Ion: 76 Resp: 288320

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



#15

Methyl Acetate

Concen: 17.091 ug/L

RT: 4.667 min Scan# 456

Delta R.T. -0.012 min

Lab File: VW030535.D

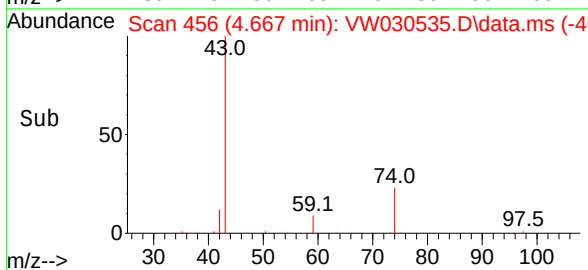
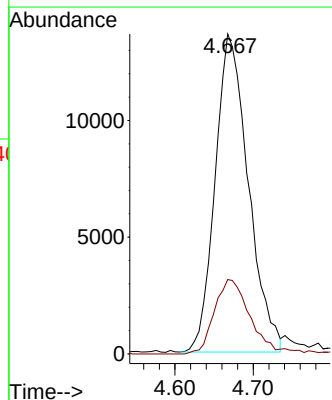
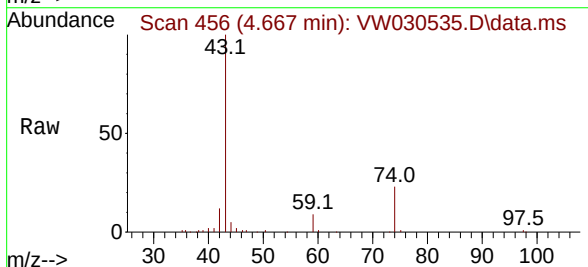
Acq: 11 Oct 2024 02:20

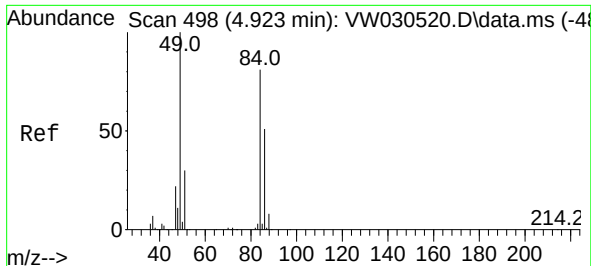
Tgt Ion: 43 Resp: 40050

Ion Ratio Lower Upper

43 100

74 24.4 19.3 28.9

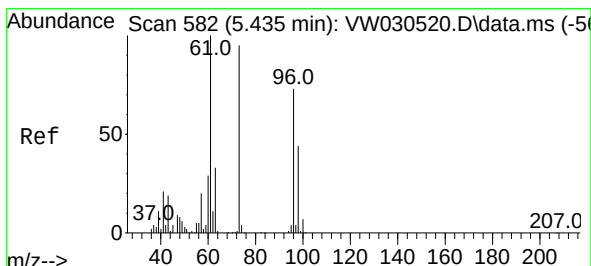
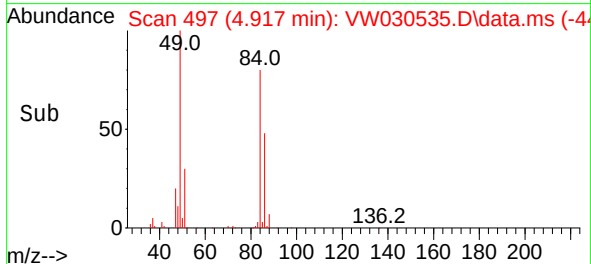
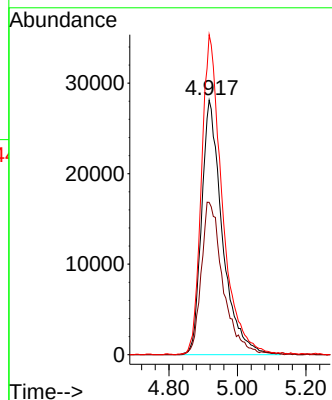
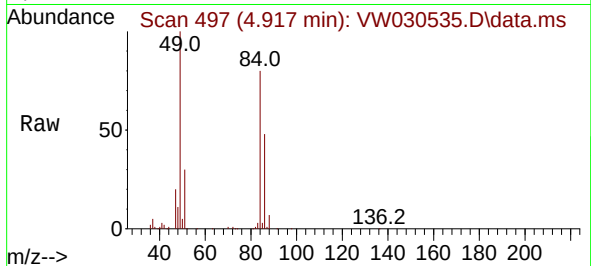




#16
Methylene chloride
Concen: 17.115 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030535.D
Acq: 11 Oct 2024 02:20

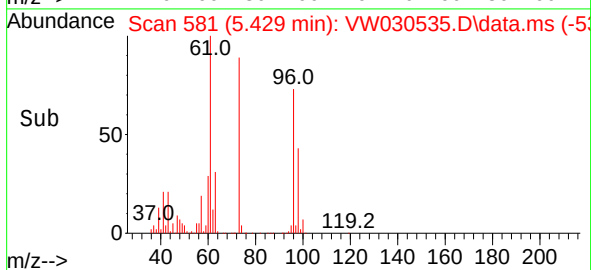
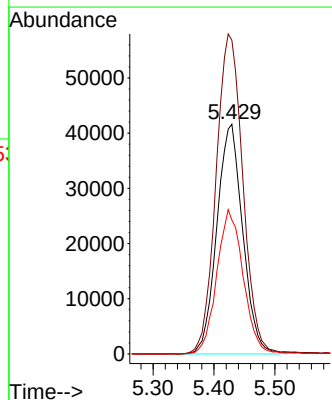
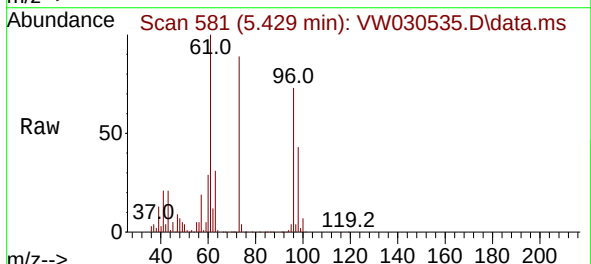
Instrument :
MSVOA_W
ClientSampleId :

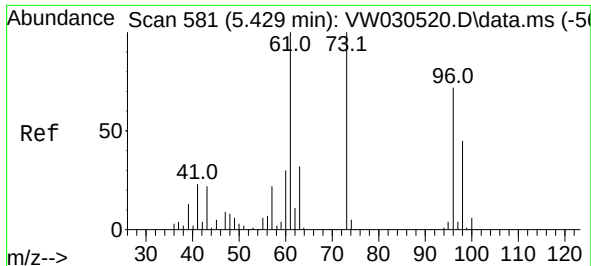
Tgt Ion: 84 Resp: 118524
Ion Ratio Lower Upper
84 100
86 59.9 43.8 81.3
49 125.7 88.3 164.1



#17
trans-1,2-Dichloroethene
Concen: 18.515 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW030535.D
Acq: 11 Oct 2024 02:20

Tgt Ion: 96 Resp: 122781
Ion Ratio Lower Upper
96 100
61 136.5 96.9 179.9
98 58.3 42.2 78.4

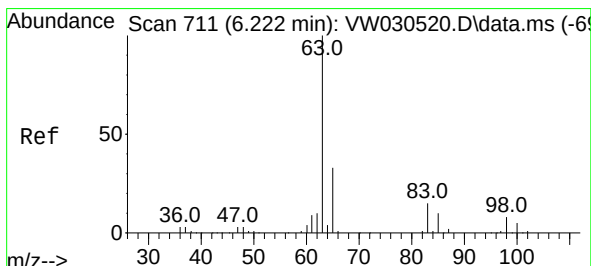
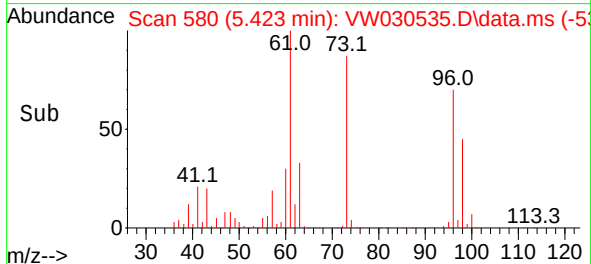
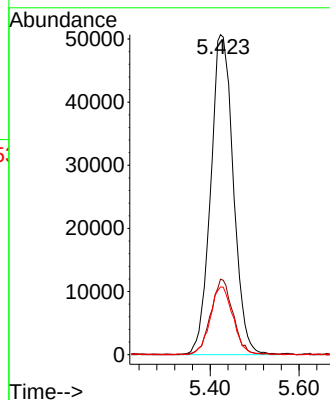
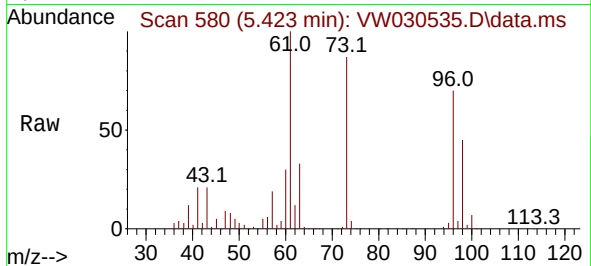




#18
Methyl tert-butyl Ether
Concen: 19.314 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW030535.D
Acq: 11 Oct 2024 02:20

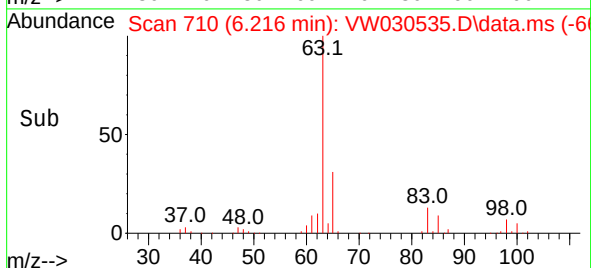
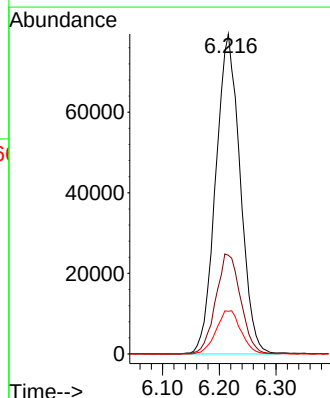
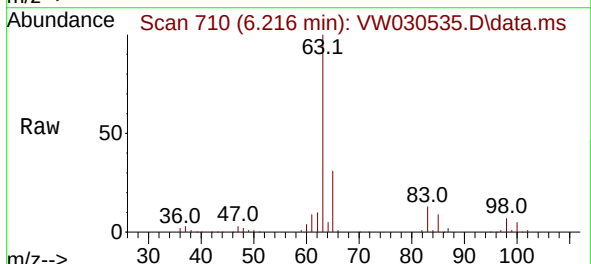
Instrument :
MSVOA_W
ClientSampleId :

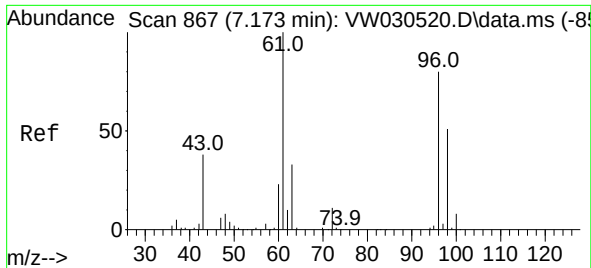
Tgt Ion: 73 Resp: 179255
Ion Ratio Lower Upper
73 100
43 22.8 18.1 27.1
57 21.3 17.7 26.5



#19
1,1-Dichloroethane
Concen: 19.241 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW030535.D
Acq: 11 Oct 2024 02:20

Tgt Ion: 63 Resp: 237150
Ion Ratio Lower Upper
63 100
65 30.9 22.5 41.9
83 13.3 9.8 18.2

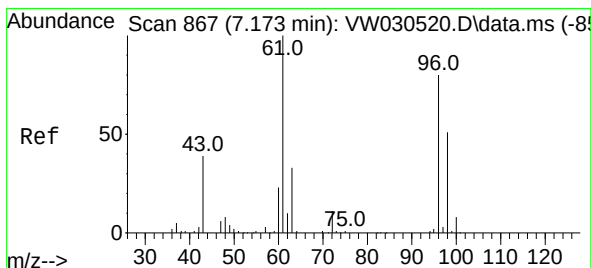
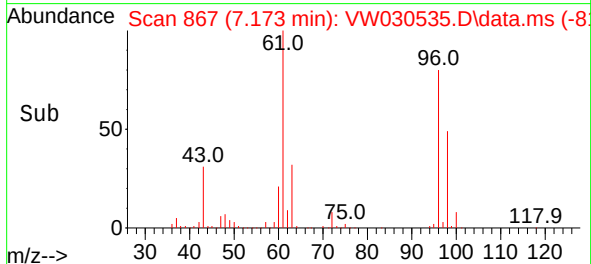
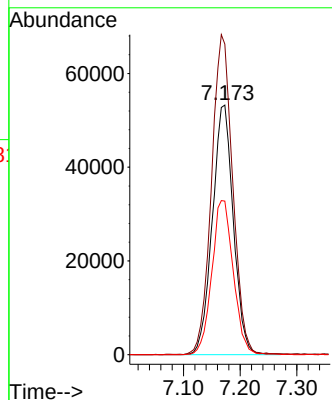
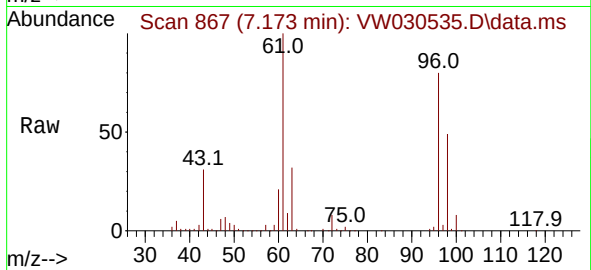




#20
 cis-1,2-Dichloroethene
 Concen: 19.379 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.000 min
 Lab File: VW030535.D
 Acq: 11 Oct 2024 02:20

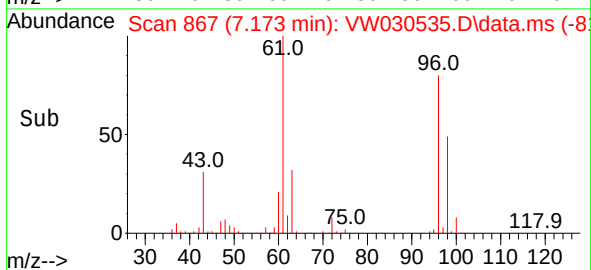
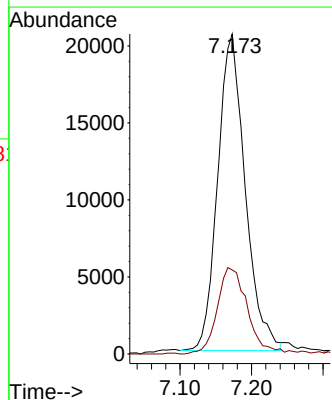
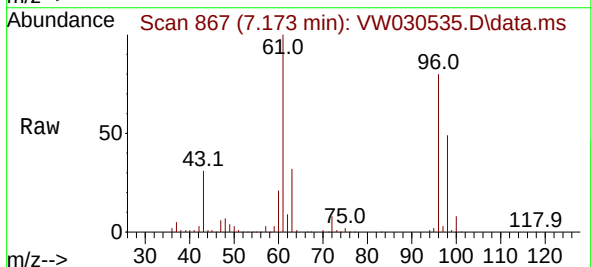
Instrument :
 MSVOA_W
 ClientSampleId :

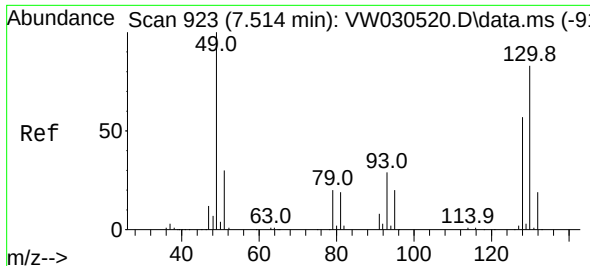
Tgt Ion: 96 Resp: 137076
 Ion Ratio Lower Upper
 96 100
 61 124.4 88.3 163.9
 98 61.5 41.3 76.7



#22
 2-Butanone
 Concen: 26.844 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.000 min
 Lab File: VW030535.D
 Acq: 11 Oct 2024 02:20

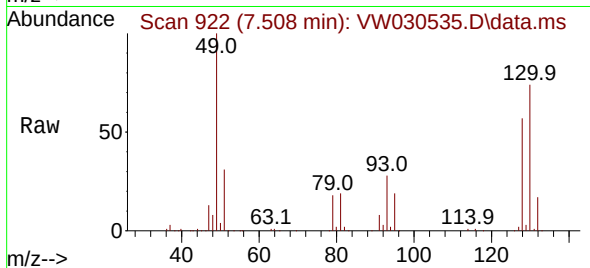
Tgt Ion: 43 Resp: 54891
 Ion Ratio Lower Upper
 43 100
 72 29.6 14.4 43.0





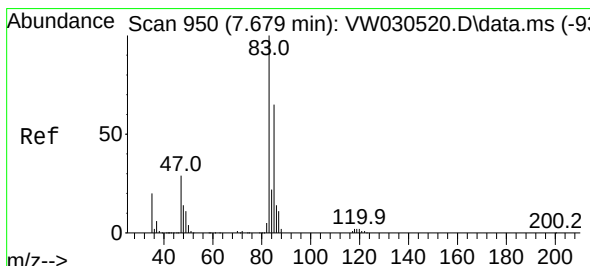
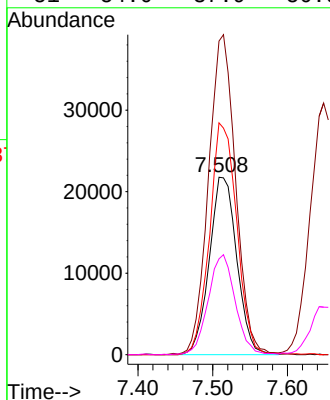
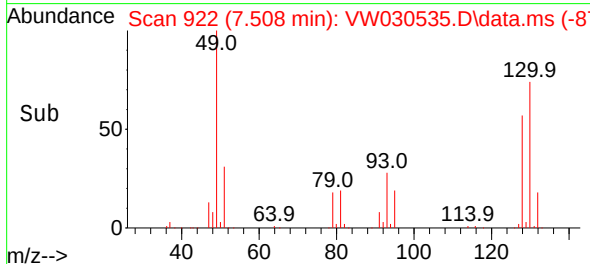
#23
Bromochloromethane
Concen: 18.000 ug/L
RT: 7.508 min Scan# 911
Delta R.T. -0.006 min
Lab File: VW030535.D
Acq: 11 Oct 2024 02:20

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 55698

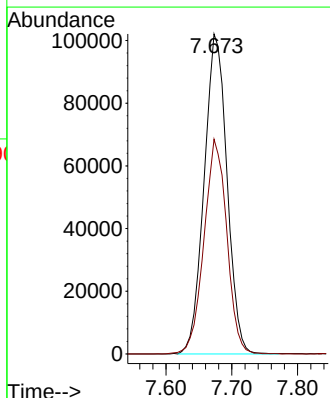
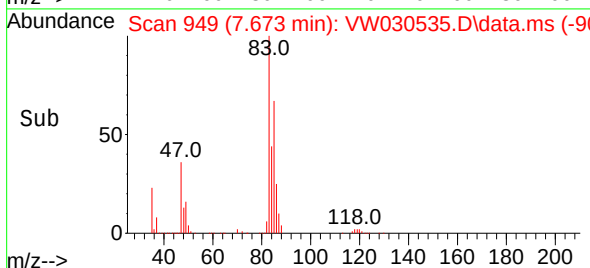
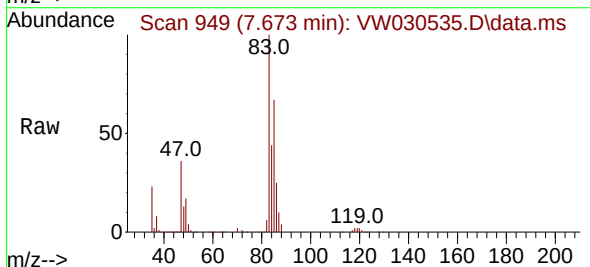
Ion	Ratio	Lower	Upper
128	100		
49	176.7	110.1	204.5
130	130.7	82.9	153.9
51	54.0	37.9	56.9

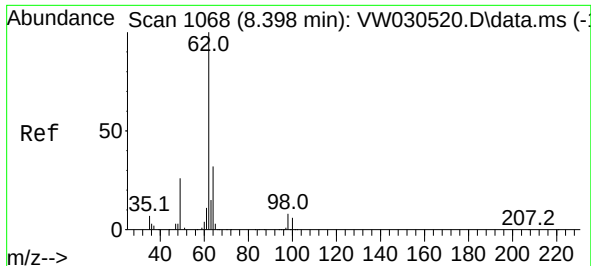


#25
Chloroform
Concen: 18.788 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW030535.D
Acq: 11 Oct 2024 02:20

Tgt Ion: 83 Resp: 247464

Ion	Ratio	Lower	Upper
83	100		
85	67.1	45.1	83.7





#27

1,2-Dichloroethane

Concen: 17.929 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Instrument :

MSVOA_W

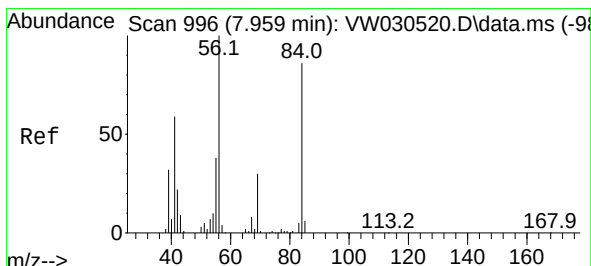
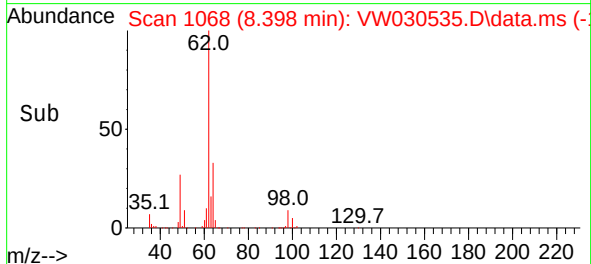
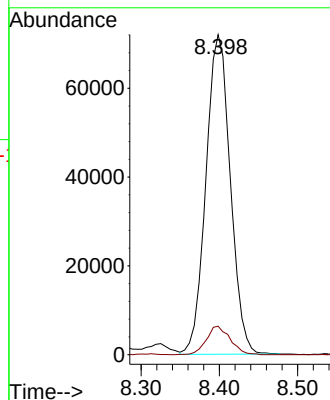
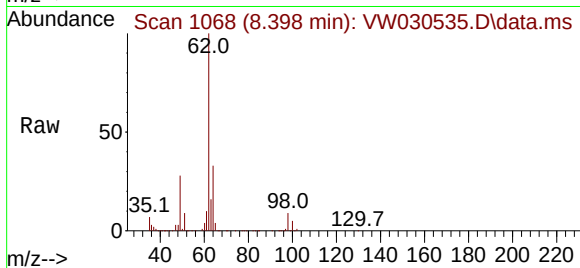
ClientSampleId :

Tgt Ion: 62 Resp: 155792

Ion Ratio Lower Upper

62 100

98 8.9 7.0 10.6



#29

Cyclohexane

Concen: 20.137 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

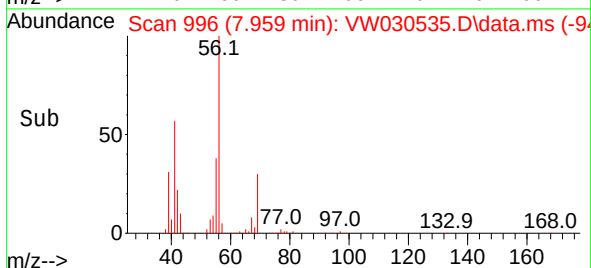
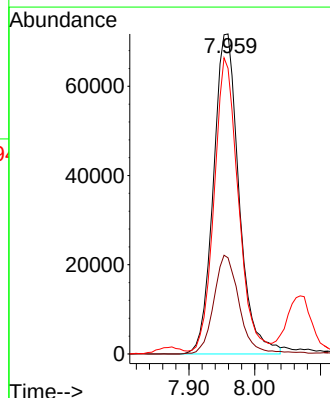
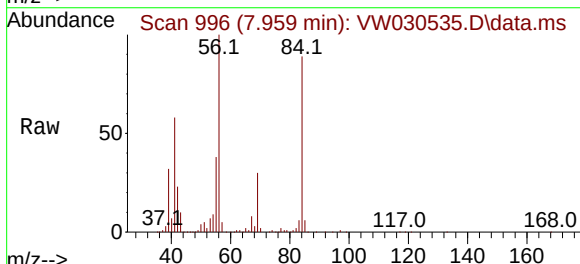
Tgt Ion: 56 Resp: 194683

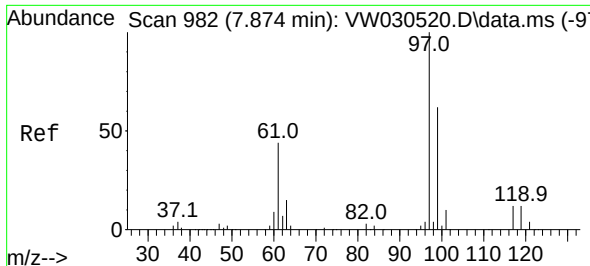
Ion Ratio Lower Upper

56 100

69 30.6 25.4 38.0

84 87.2 72.3 108.5





#30

1,1,1-Trichloroethane

Concen: 18.825 ug/L

RT: 7.868 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Instrument :

MSVOA_W

ClientSampleId :

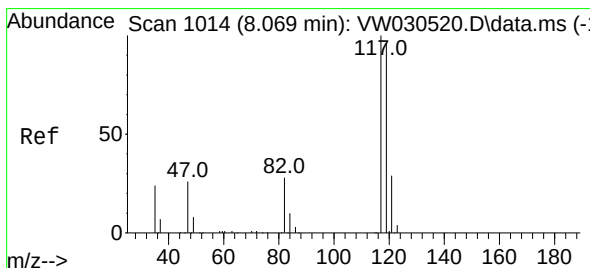
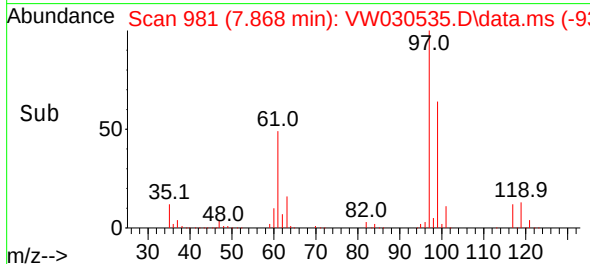
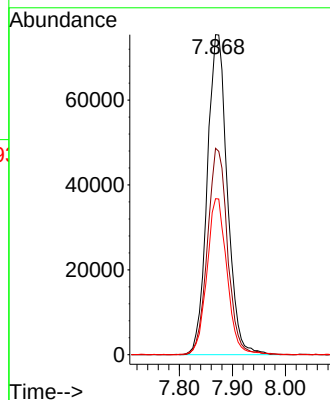
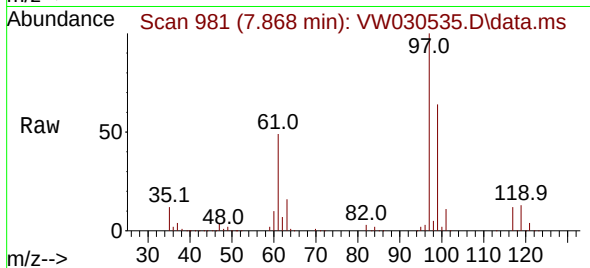
Tgt Ion: 97 Resp: 198481

Ion Ratio Lower Upper

97 100

99 64.0 52.3 78.5

61 48.7 38.5 57.7



#31

Carbon tetrachloride

Concen: 18.687 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW030535.D

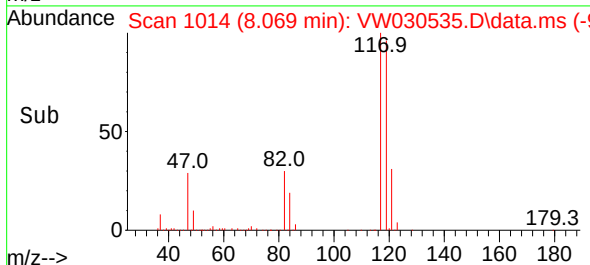
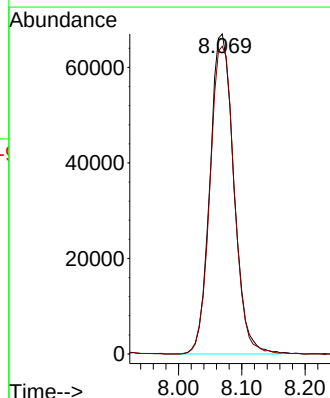
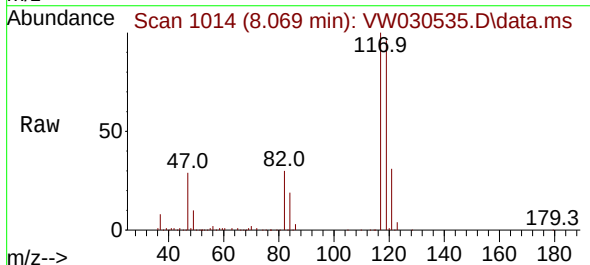
Acq: 11 Oct 2024 02:20

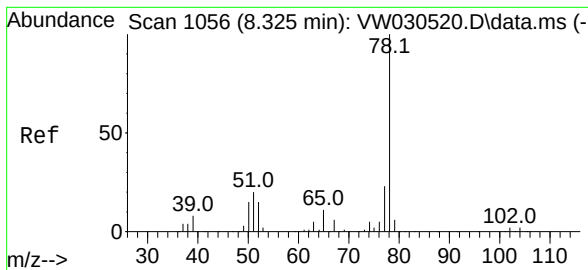
Tgt Ion: 117 Resp: 175972

Ion Ratio Lower Upper

117 100

119 97.3 77.8 116.8





#33

Benzene

Concen: 20.264 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VW030535.D

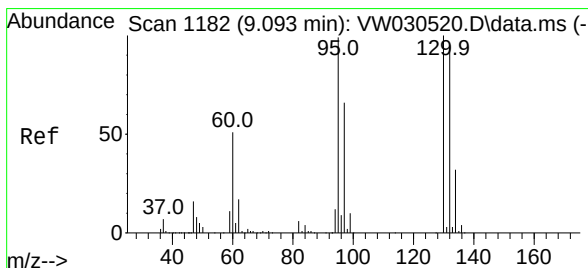
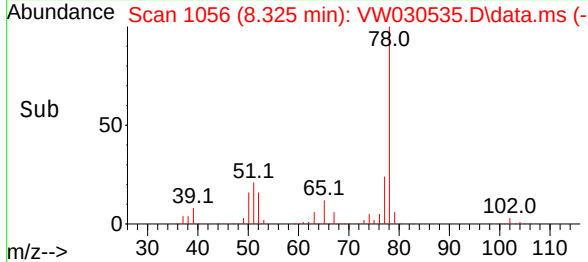
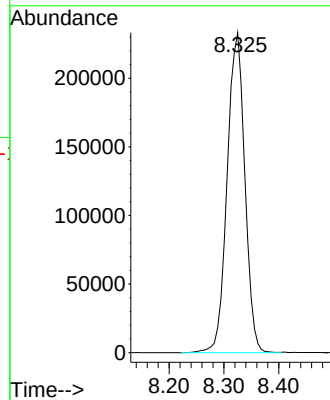
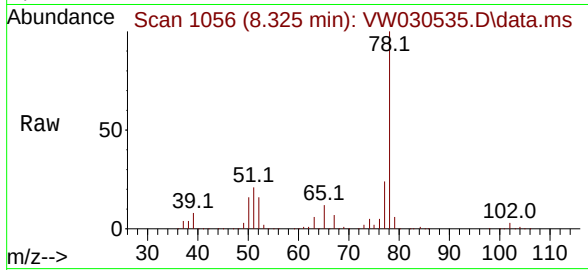
Acq: 11 Oct 2024 02:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 523733



#34

Trichloroethene

Concen: 19.158 ug/L

RT: 9.093 min Scan# 1182

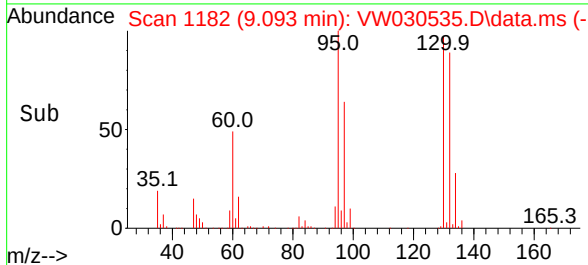
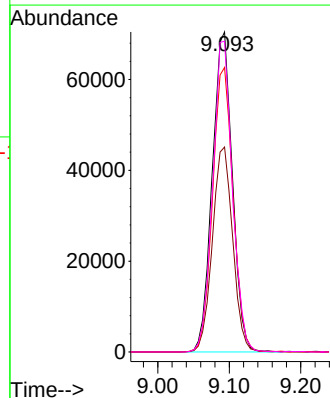
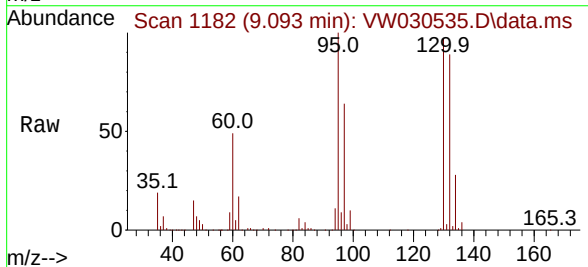
Delta R.T. 0.000 min

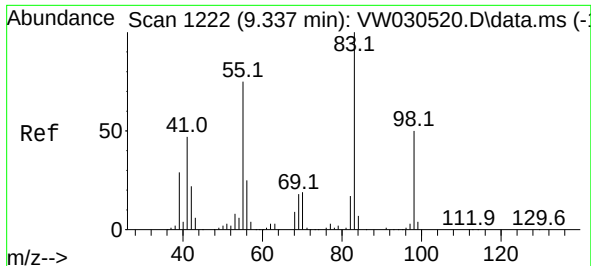
Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Tgt Ion: 95 Resp: 137757

Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.9	85.3
132	88.9	66.4	123.2
130	97.1	70.4	130.8





#35

Methylcyclohexane

Concen: 16.656 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Instrument :

MSVOA_W

ClientSampleId :

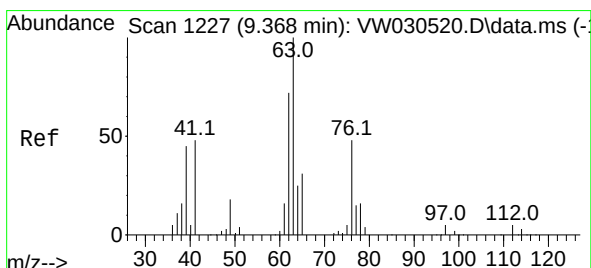
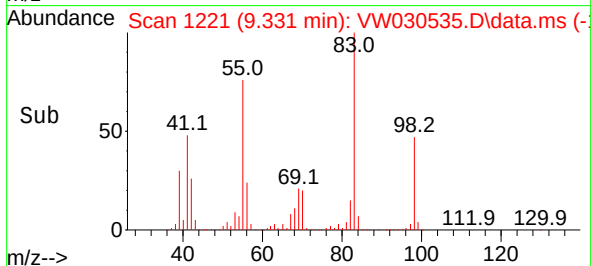
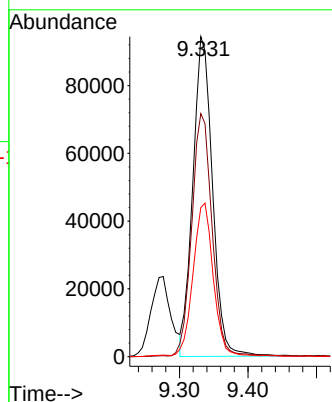
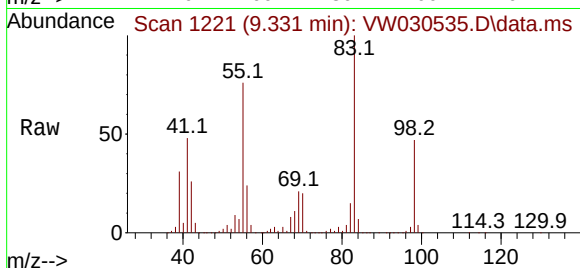
Tgt Ion: 83 Resp: 188482

Ion Ratio Lower Upper

83 100

55 78.9 61.8 92.8

98 49.3 39.3 58.9



#37

1,2-Dichloropropane

Concen: 19.966 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030535.D

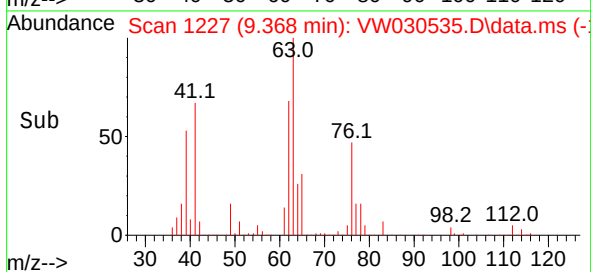
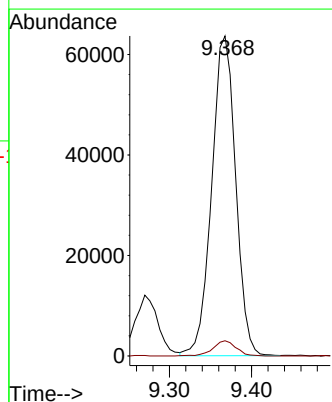
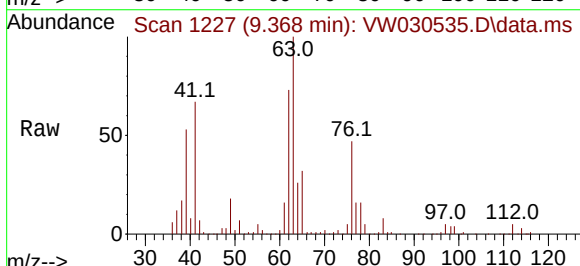
Acq: 11 Oct 2024 02:20

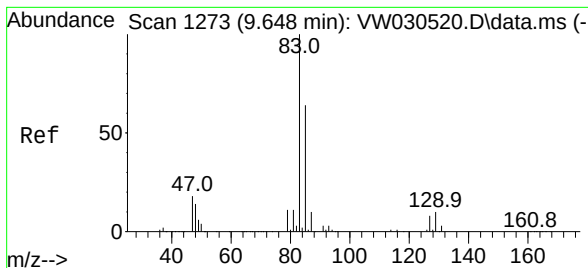
Tgt Ion: 63 Resp: 128883

Ion Ratio Lower Upper

63 100

112 4.5 3.7 5.5





#38

Bromodichloromethane

Concen: 19.254 ug/L

RT: 9.642 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Instrument :

MSVOA_W

ClientSampleId :

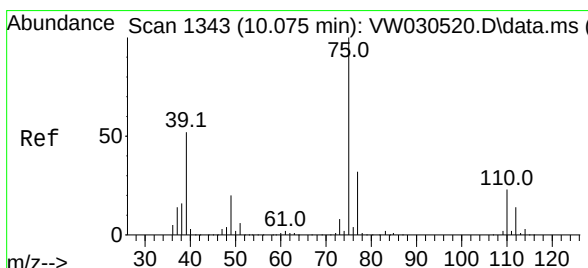
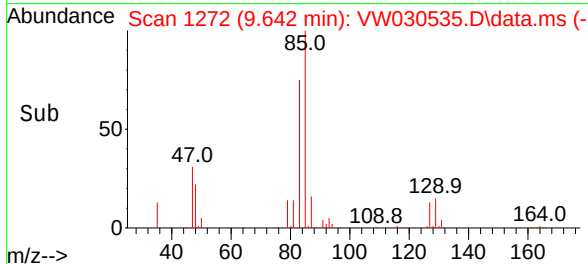
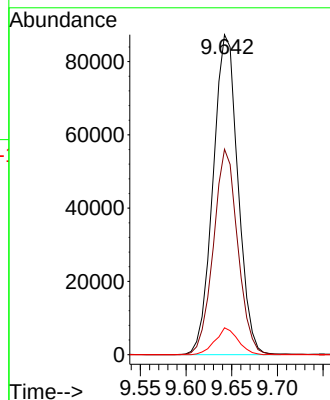
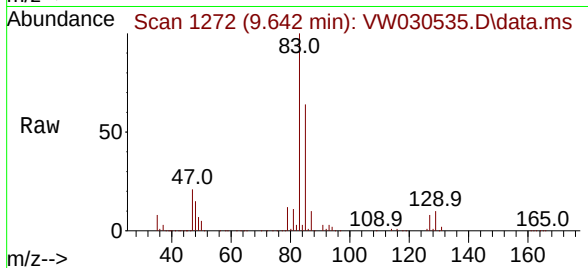
Tgt Ion: 83 Resp: 165358

Ion Ratio Lower Upper

83 100

85 64.2 44.2 82.0

127 8.4 6.2 9.4



#39

cis-1,3-Dichloropropene

Concen: 19.314 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW030535.D

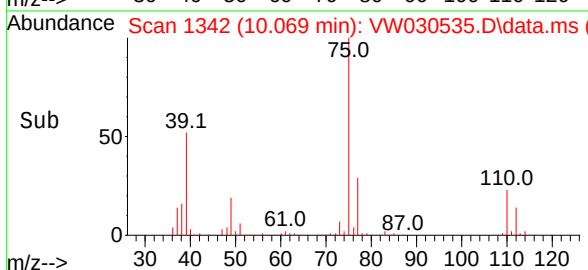
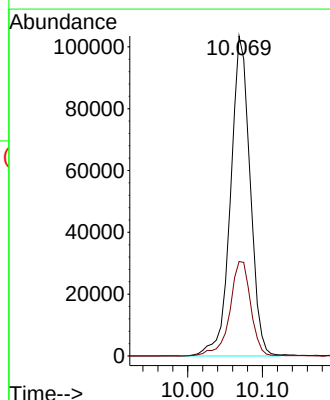
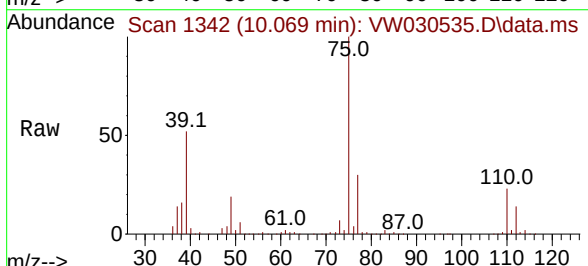
Acq: 11 Oct 2024 02:20

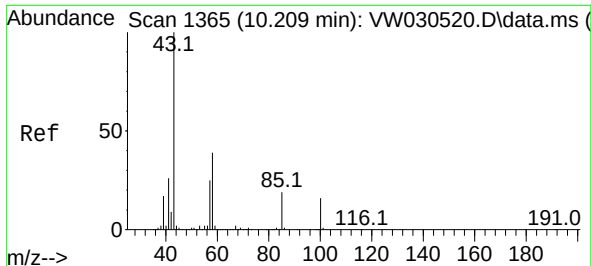
Tgt Ion: 75 Resp: 188055

Ion Ratio Lower Upper

75 100

77 29.5 21.1 39.1





#40

4-Methyl-2-pentanone

Concen: 40.949 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Instrument :

MSVOA_W

ClientSampleId :

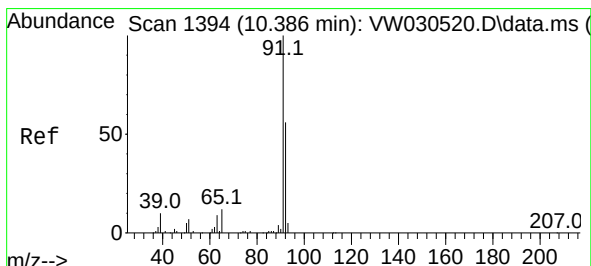
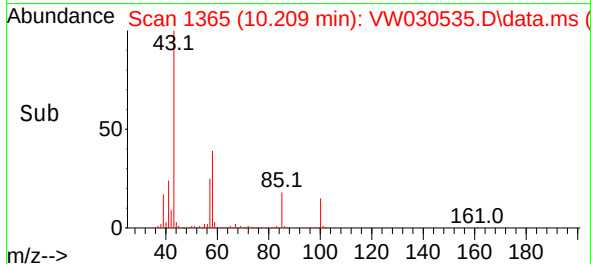
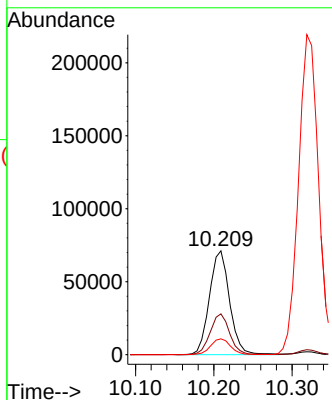
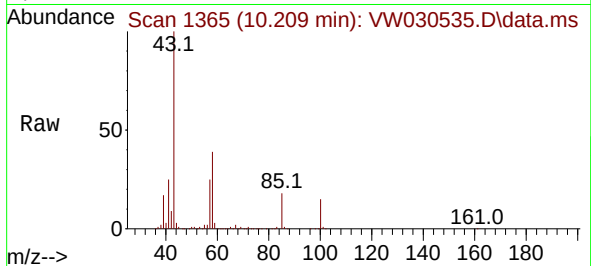
Tgt Ion: 43 Resp: 126987

Ion Ratio Lower Upper

43 100

58 38.0 31.4 47.2

100 15.2 13.1 19.7



#42

Toluene

Concen: 19.923 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030535.D

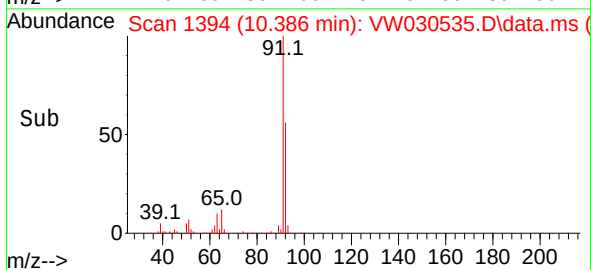
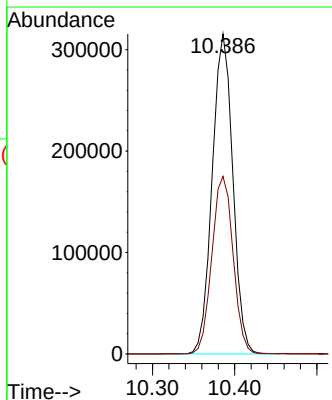
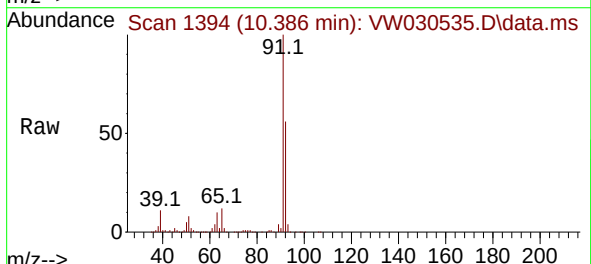
Acq: 11 Oct 2024 02:20

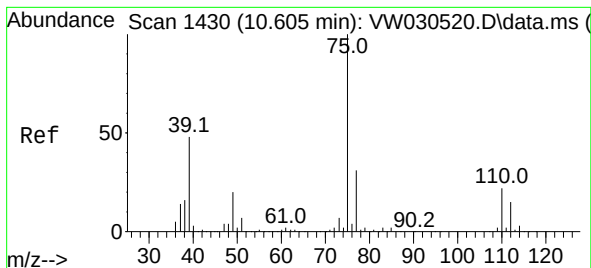
Tgt Ion: 91 Resp: 549357

Ion Ratio Lower Upper

91 100

92 55.5 40.3 74.8





#44

trans-1,3-Dichloropropene

Concen: 18.491 ug/L

RT: 10.605 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Instrument :

MSVOA_W

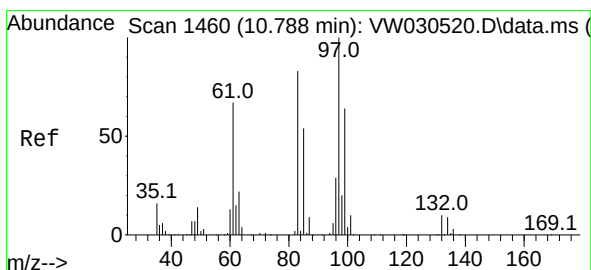
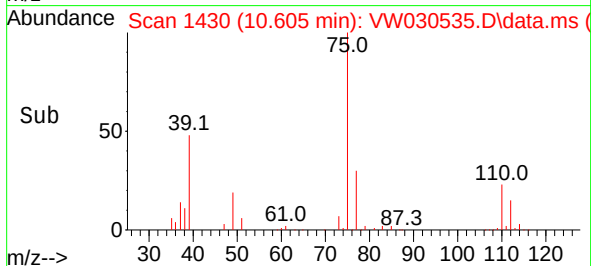
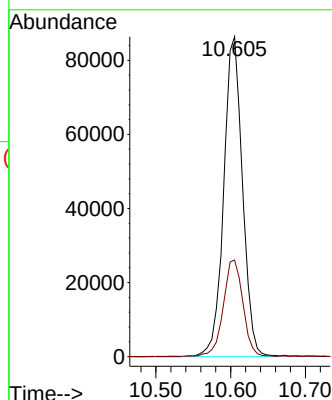
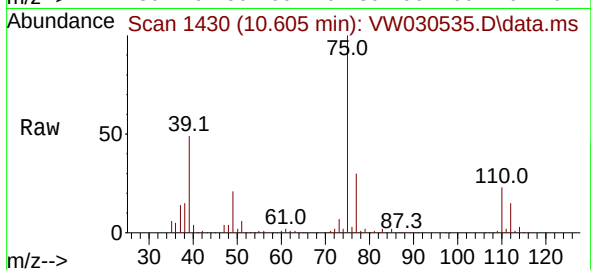
ClientSampleId :

Tgt Ion: 75 Resp: 151295

Ion Ratio Lower Upper

75 100

77 30.2 21.6 40.2



#45

1,1,2-Trichloroethane

Concen: 18.491 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Tgt Ion: 97 Resp: 86267

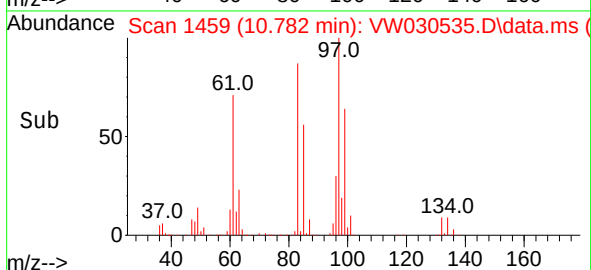
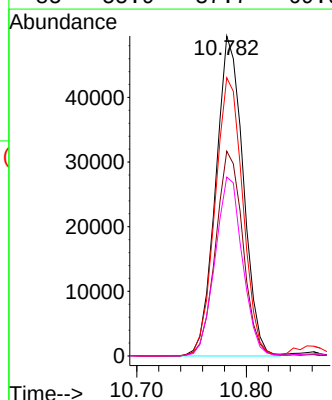
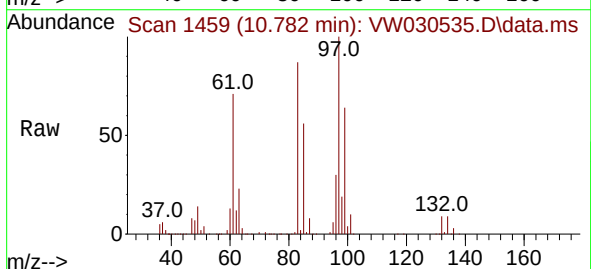
Ion Ratio Lower Upper

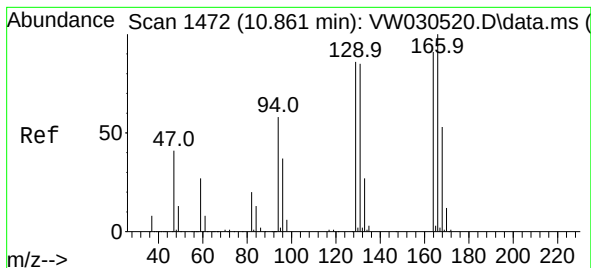
97 100

99 64.0 41.2 76.6

83 86.9 59.6 110.6

85 55.9 37.7 69.9





#46

Tetrachloroethene

Concen: 17.501 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

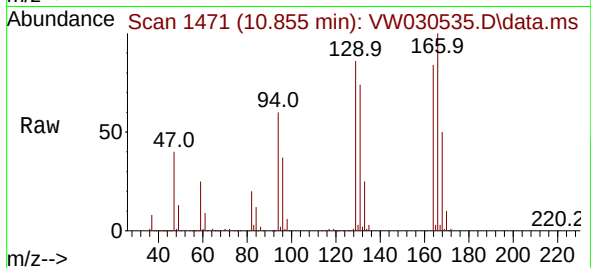
Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 92814

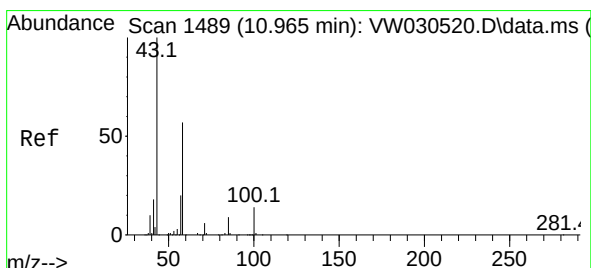
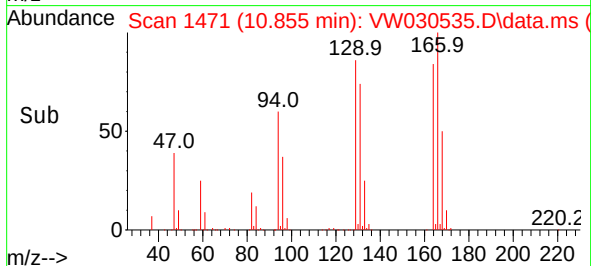
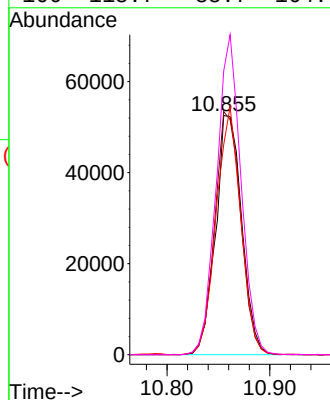
Ion Ratio Lower Upper

164 100

129 101.6 66.6 123.6

131 87.8 63.7 118.3

166 118.7 88.7 164.7



#48

2-Hexanone

Concen: 33.044 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Tgt Ion: 43 Resp: 83800

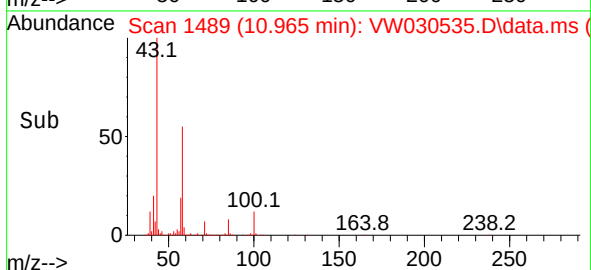
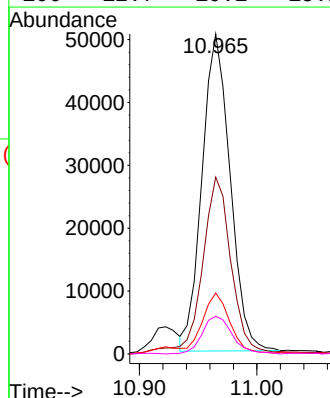
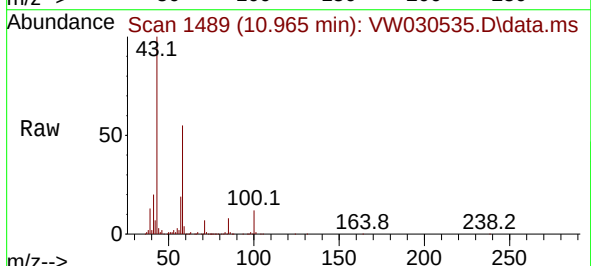
Ion Ratio Lower Upper

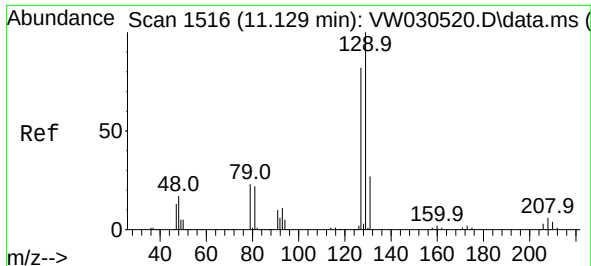
43 100

58 57.1 44.6 67.0

57 18.5 15.8 23.8

100 12.7 10.2 15.2





#49

Dibromochloromethane

Concen: 17.599 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Instrument :

MSVOA_W

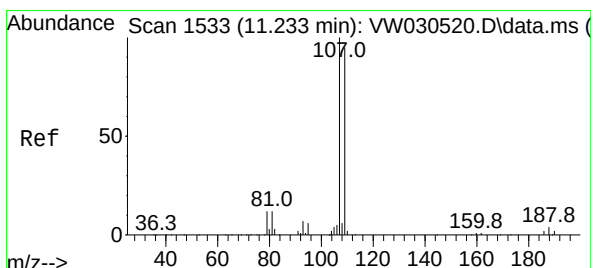
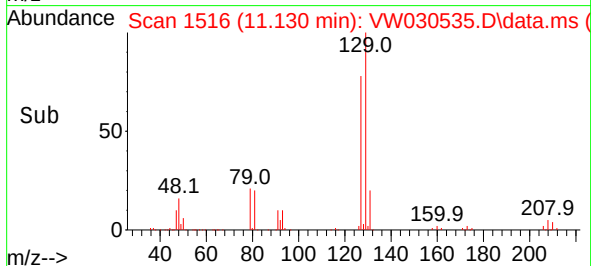
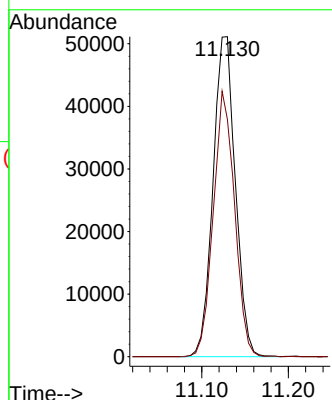
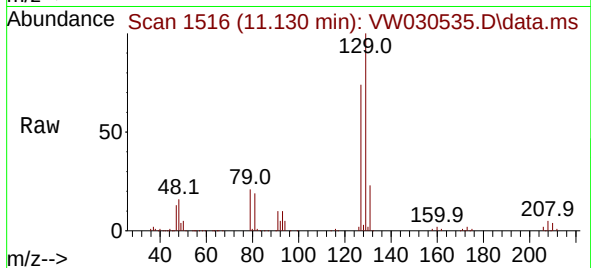
ClientSampleId :

Tgt Ion:129 Resp: 91612

Ion Ratio Lower Upper

129 100

127 74.2 56.5 104.9



#50

1,2-Dibromoethane

Concen: 17.674 ug/L

RT: 11.227 min Scan# 1532

Delta R.T. -0.006 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

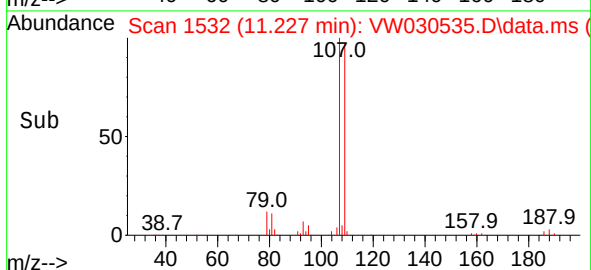
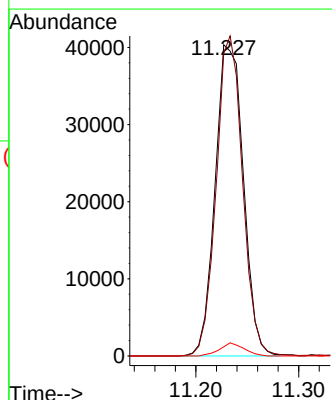
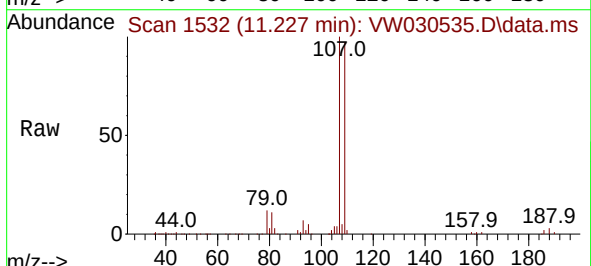
Tgt Ion:107 Resp: 76937

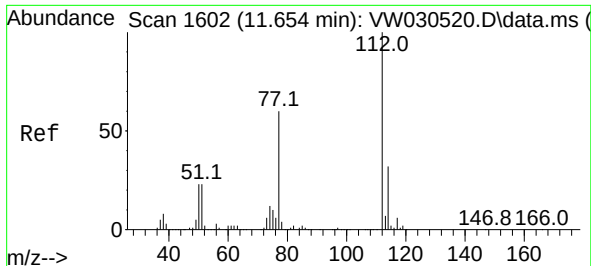
Ion Ratio Lower Upper

107 100

109 97.3 63.8 118.6

188 2.9 2.6 3.8

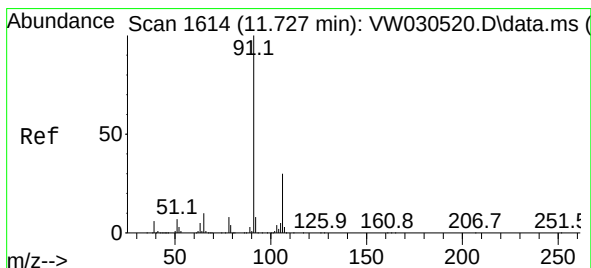
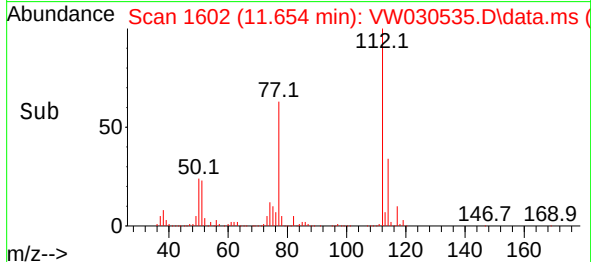
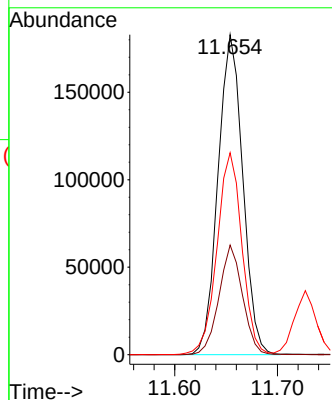
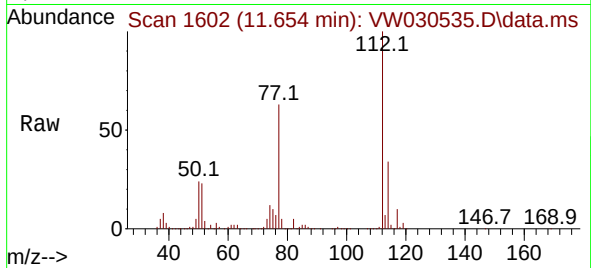




#51
Chlorobenzene
Concen: 17.236 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030535.D
Acq: 11 Oct 2024 02:20

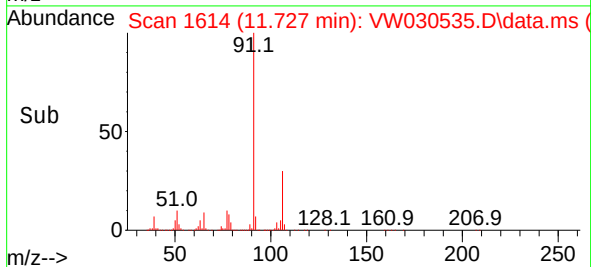
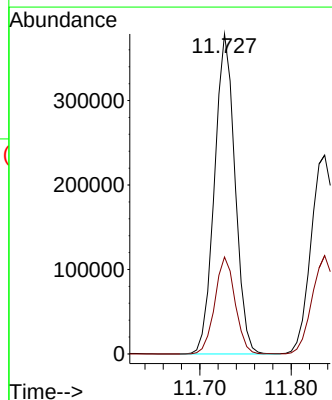
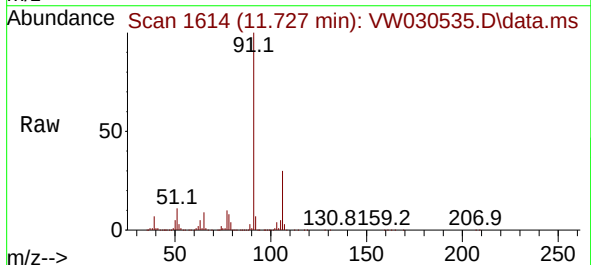
Instrument :
MSVOA_W
ClientSampleId :

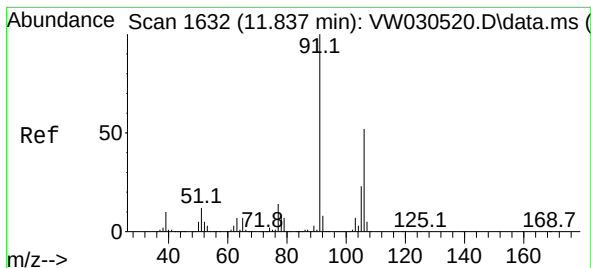
Tgt Ion:112 Resp: 305938
Ion Ratio Lower Upper
112 100
114 34.2 22.4 41.6
77 63.1 47.1 70.7



#52
Ethylbenzene
Concen: 18.712 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030535.D
Acq: 11 Oct 2024 02:20

Tgt Ion: 91 Resp: 588726
Ion Ratio Lower Upper
91 100
106 30.3 21.1 39.1





#53

m,p-Xylene

Concen: 18.039 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Instrument :

MSVOA_W

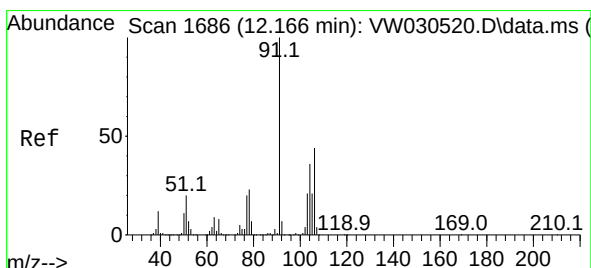
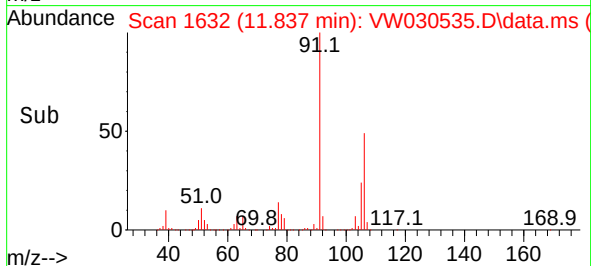
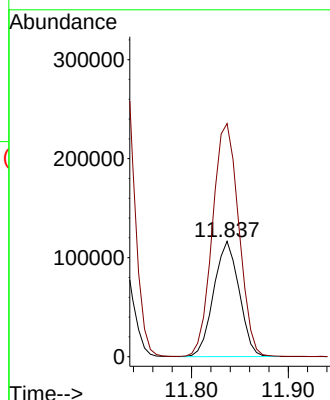
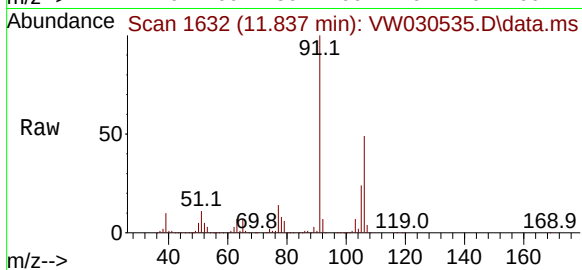
ClientSampleId :

Tgt Ion:106 Resp: 212639

Ion Ratio Lower Upper

106 100

91 202.2 140.6 261.2



#54

o-Xylene

Concen: 18.283 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW030535.D

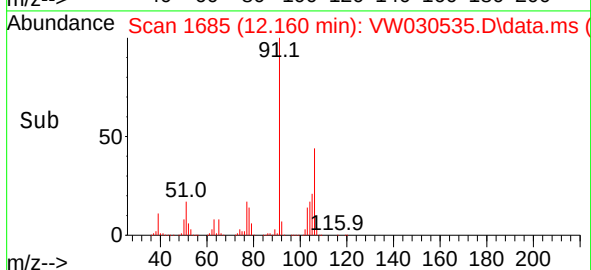
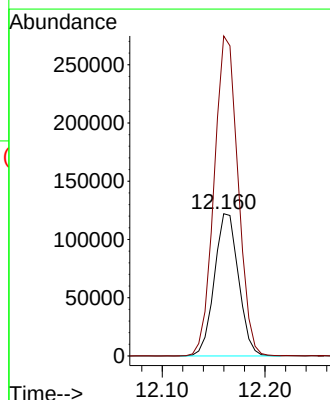
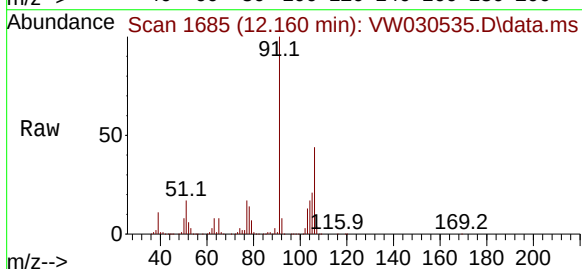
Acq: 11 Oct 2024 02:20

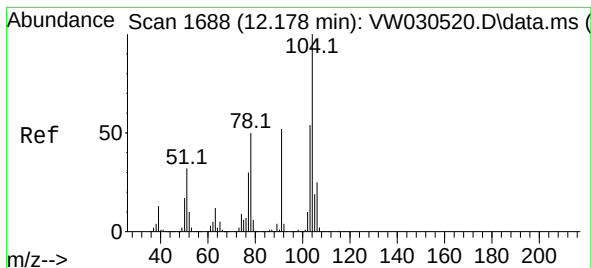
Tgt Ion:106 Resp: 199240

Ion Ratio Lower Upper

106 100

91 225.0 144.5 268.4





#55

Styrene

Concen: 15.388 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Instrument :

MSVOA_W

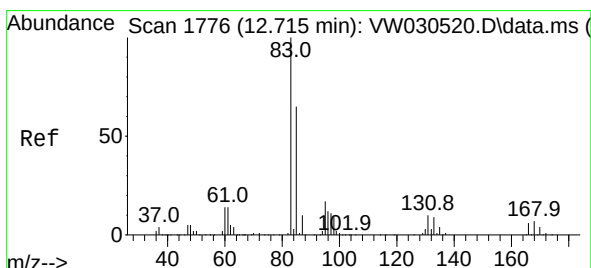
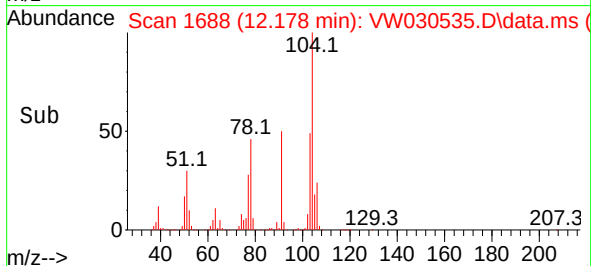
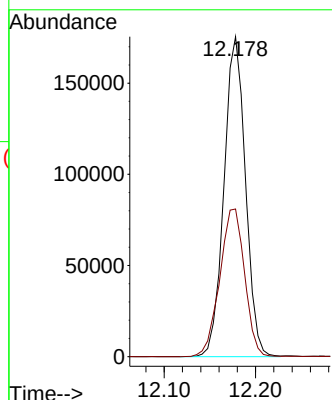
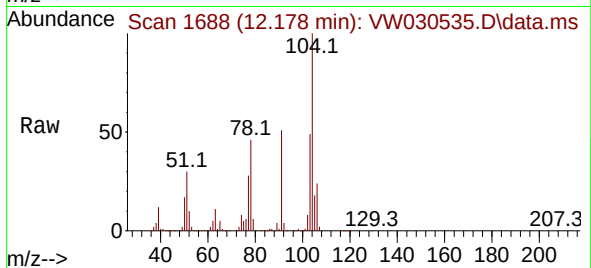
ClientSampleId :

Tgt Ion:104 Resp: 286670

Ion Ratio Lower Upper

104 100

78 46.1 34.3 63.7



#57

1,1,2,2-Tetrachloroethane

Concen: 16.640 ug/L

RT: 12.709 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

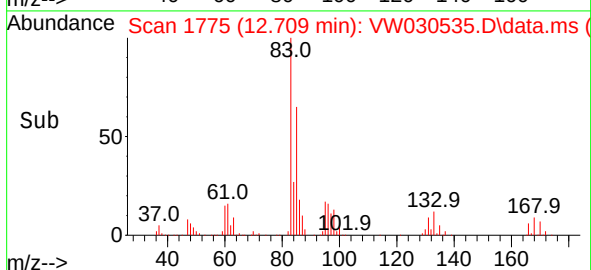
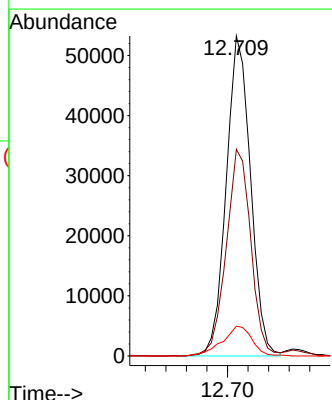
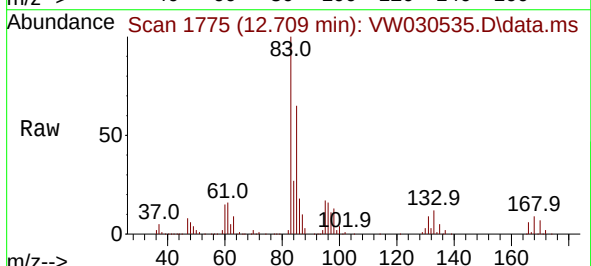
Tgt Ion: 83 Resp: 87544

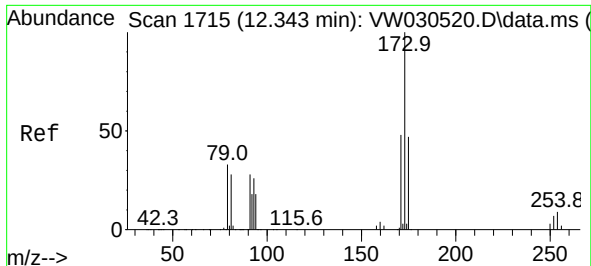
Ion Ratio Lower Upper

83 100

85 64.6 42.6 79.2

131 9.3 7.4 11.0





#59

Bromoform

Concen: 22.159 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. 0.000 min

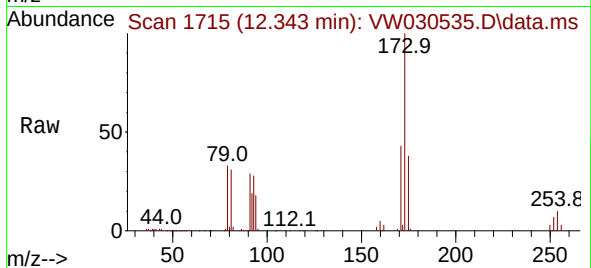
Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Instrument :

MSVOA_W

ClientSampleId :



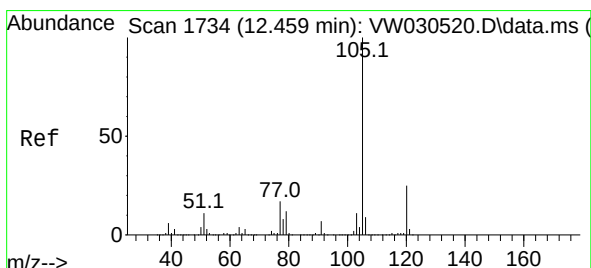
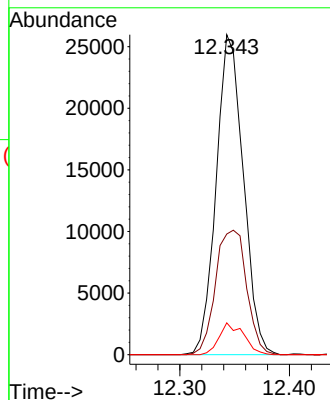
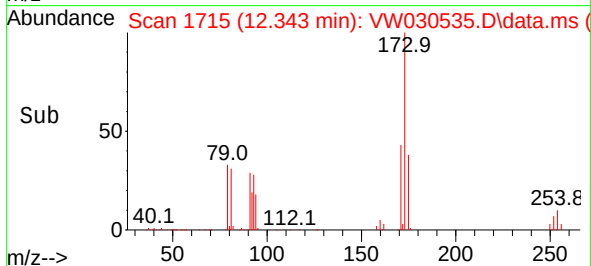
Tgt Ion:173 Resp: 44720

Ion Ratio Lower Upper

173 100

175 44.4 39.0 58.4

254 9.0 7.7 11.5



#60

Isopropylbenzene

Concen: 23.986 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

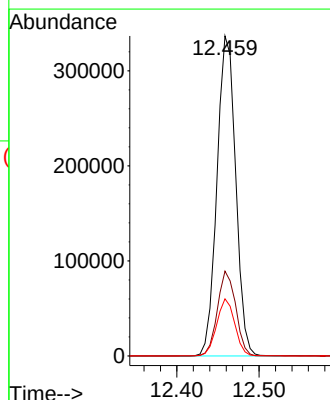
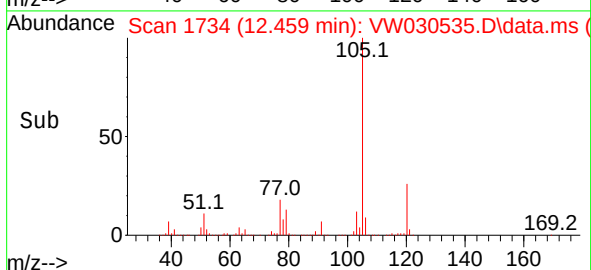
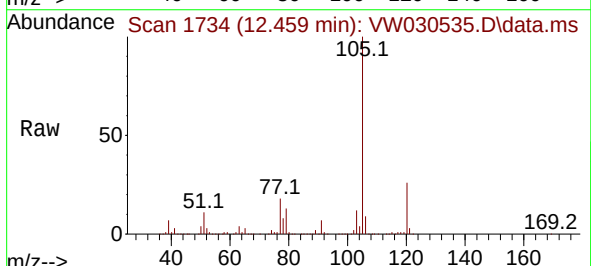
Tgt Ion:105 Resp: 533552

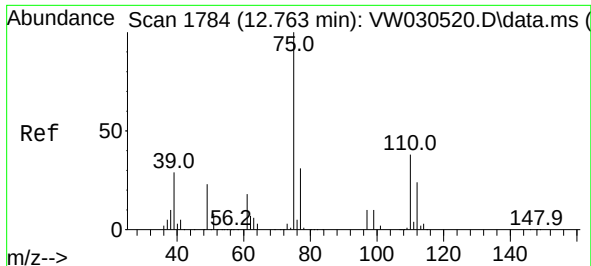
Ion Ratio Lower Upper

105 100

120 26.0 20.6 31.0

77 17.2 13.4 20.0





#61

1,2,3-Trichloropropane

Concen: 23.325 ug/L

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Instrument :

MSVOA_W

ClientSampleId :

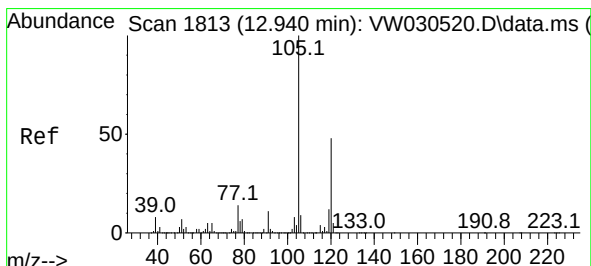
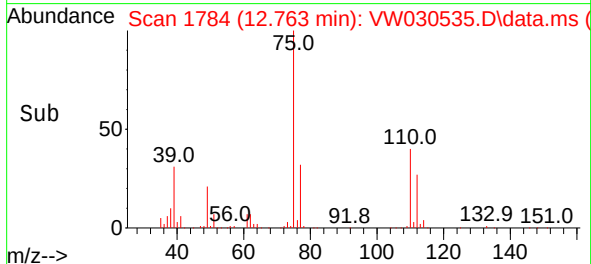
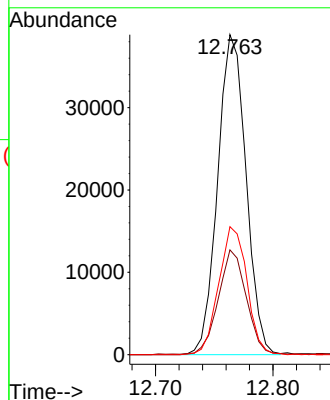
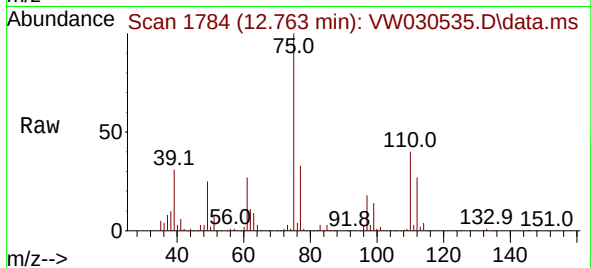
Tgt Ion: 75 Resp: 65195

Ion Ratio Lower Upper

75 100

77 32.4 25.7 38.5

110 39.7 32.3 48.5



#62

1,3,5-Trimethylbenzene

Concen: 22.874 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030535.D

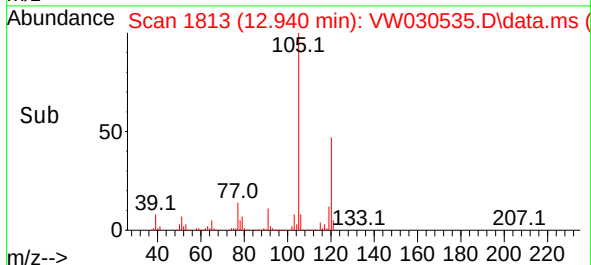
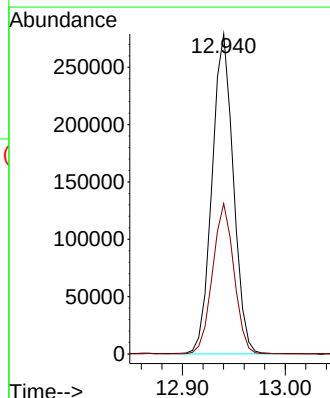
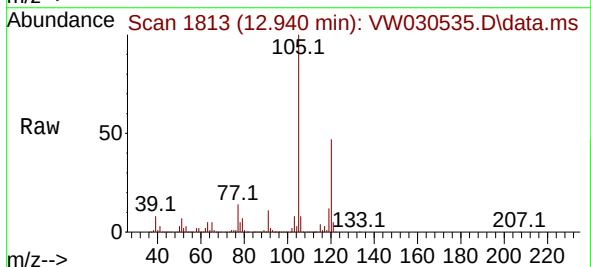
Acq: 11 Oct 2024 02:20

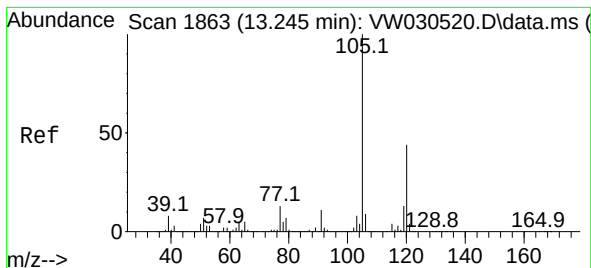
Tgt Ion:105 Resp: 401423

Ion Ratio Lower Upper

105 100

120 47.2 38.0 57.0





#63

1,2,4-Trimethylbenzene

Concen: 21.746 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Instrument :

MSVOA_W

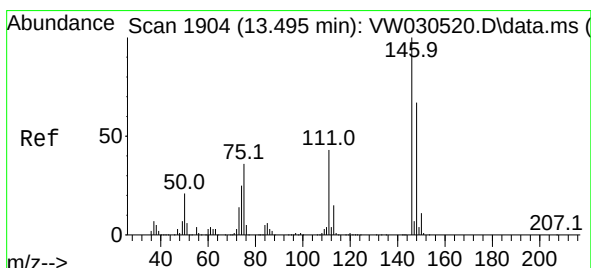
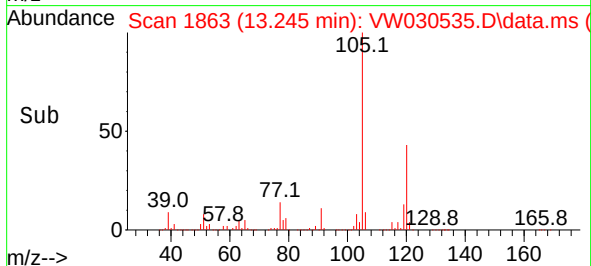
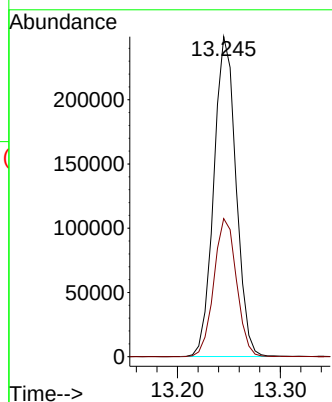
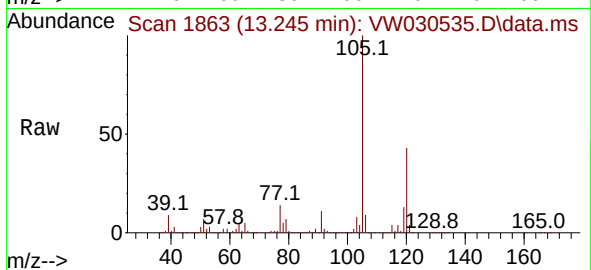
ClientSampleId :

Tgt Ion:105 Resp: 373661

Ion Ratio Lower Upper

105 100

120 43.9 35.8 53.6



#64

1,3-Dichlorobenzene

Concen: 18.116 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

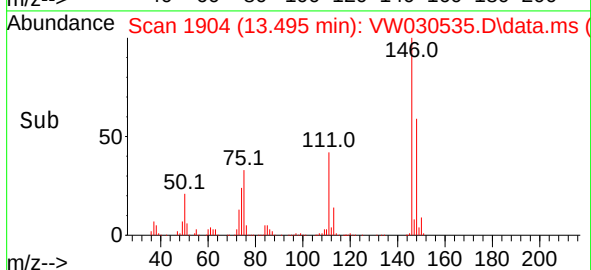
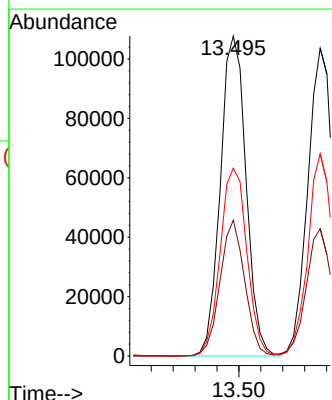
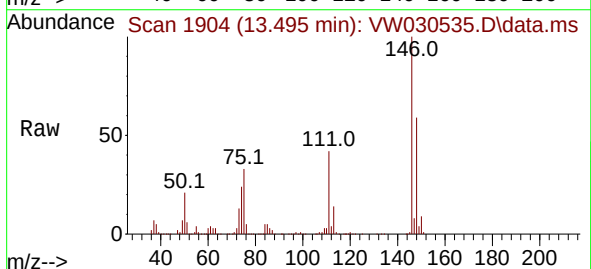
Tgt Ion:146 Resp: 175408

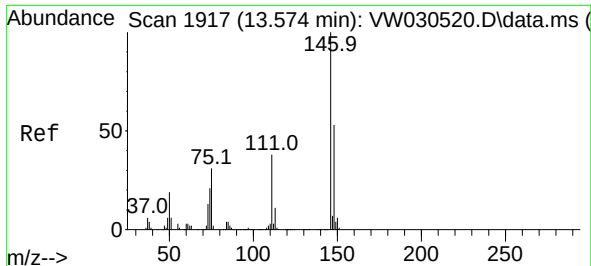
Ion Ratio Lower Upper

146 100

111 42.5 31.2 58.0

148 58.7 45.7 84.9





#65

1,4-Dichlorobenzene

Concen: 16.799 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Instrument :

MSVOA_W

ClientSampleId :

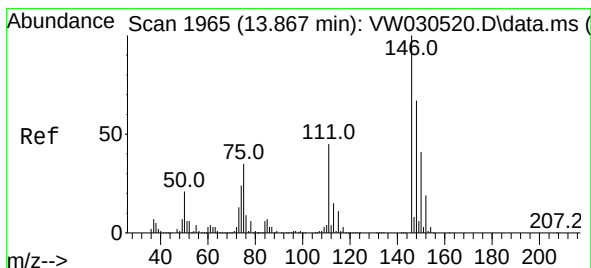
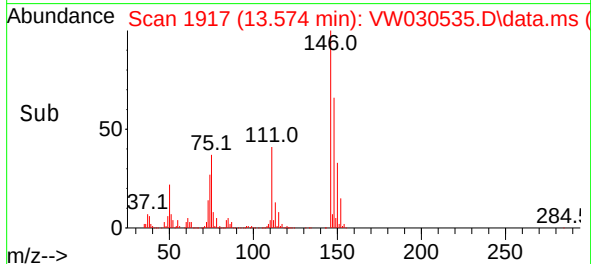
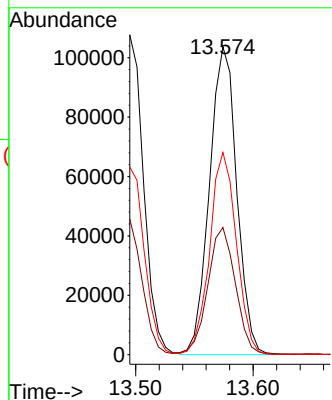
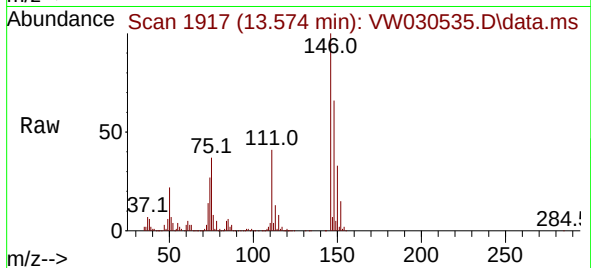
Tgt Ion:146 Resp: 167952

Ion Ratio Lower Upper

146 100

111 41.3 26.8 49.8

148 65.7 41.0 76.2



#67

1,2-Dichlorobenzene

Concen: 16.950 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. -0.006 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

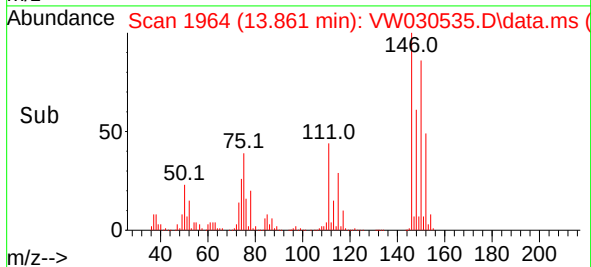
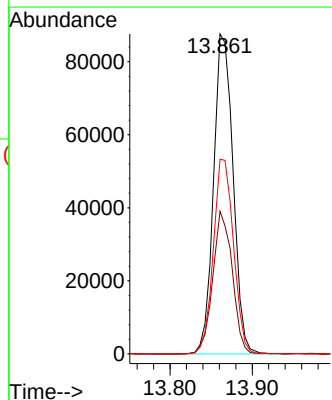
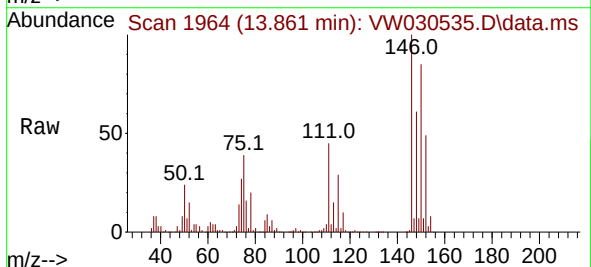
Tgt Ion:146 Resp: 144421

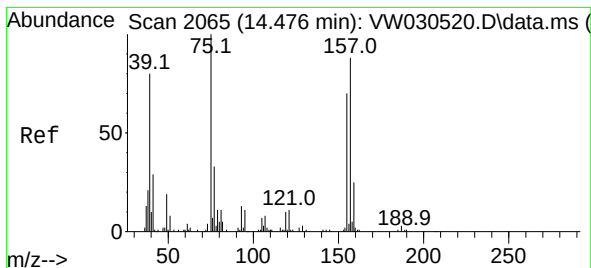
Ion Ratio Lower Upper

146 100

111 44.5 34.6 52.0

148 60.9 53.3 79.9

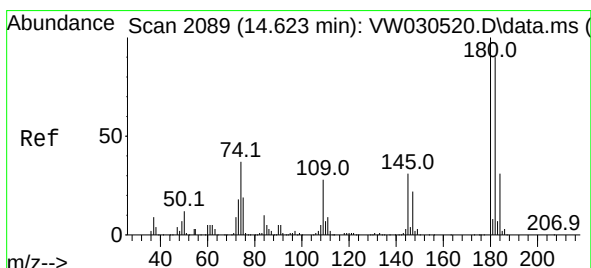
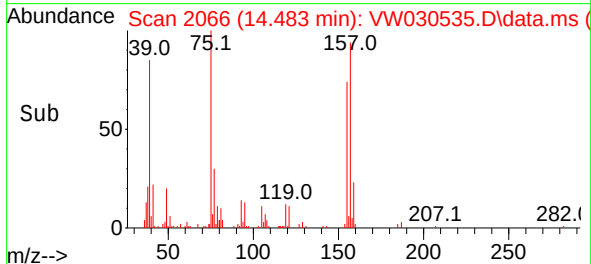
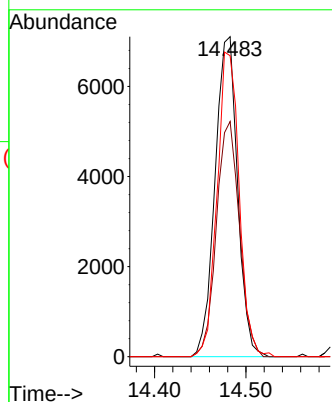
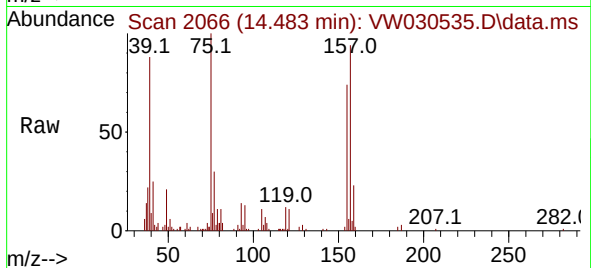




#68
1,2-Dibromo-3-chloropropane
Concen: 19.495 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW030535.D
Acq: 11 Oct 2024 02:20

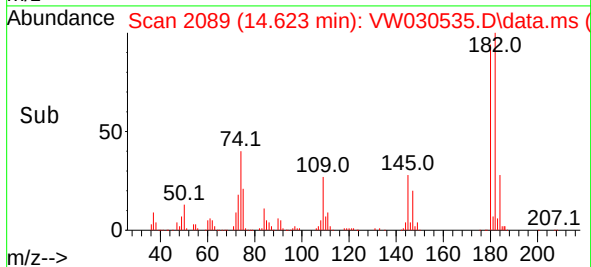
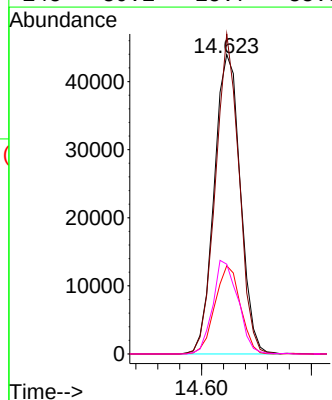
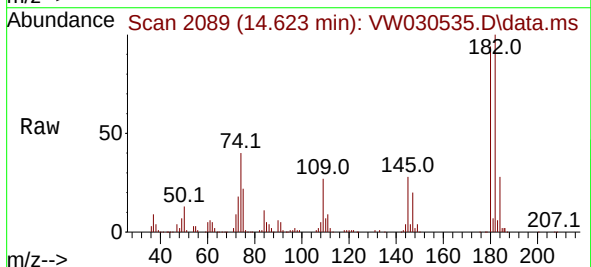
Instrument :
MSVOA_W
ClientSampleId :

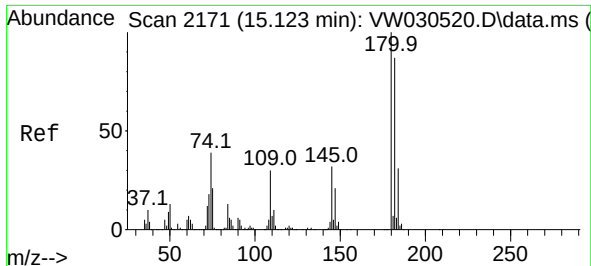
Tgt Ion: 75 Resp: 12150
Ion Ratio Lower Upper
75 100
155 73.5 57.9 86.9
157 94.0 69.0 103.6



#69
1,3,5-Trichlorobenzene
Concen: 11.433 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW030535.D
Acq: 11 Oct 2024 02:20

Tgt Ion:180 Resp: 73002
Ion Ratio Lower Upper
180 100
182 96.1 79.9 119.9
184 28.7 25.2 37.8
145 30.1 25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 9.038 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

Instrument :

MSVOA_W

ClientSampleId :

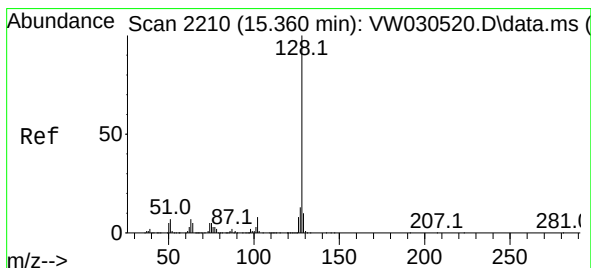
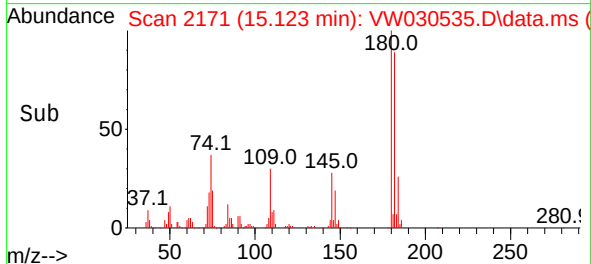
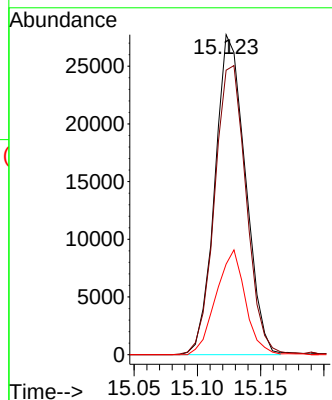
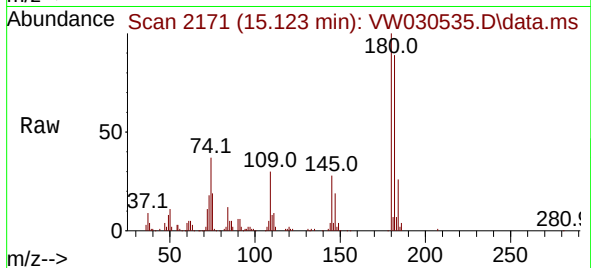
Tgt Ion:180 Resp: 46457

Ion Ratio Lower Upper

180 100

182 93.5 75.2 112.8

145 31.4 25.4 38.2



#71

Naphthalene

Concen: 11.182 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030535.D

Acq: 11 Oct 2024 02:20

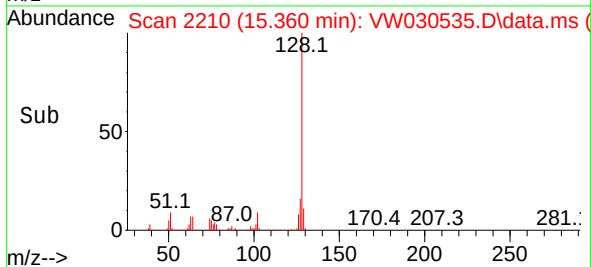
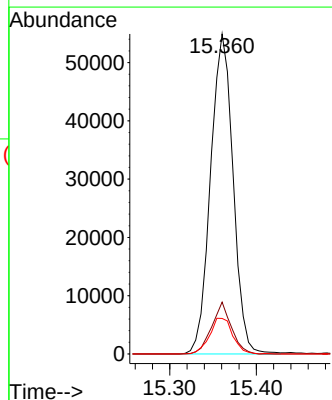
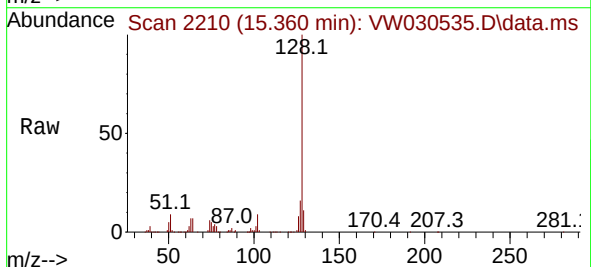
Tgt Ion:128 Resp: 99299

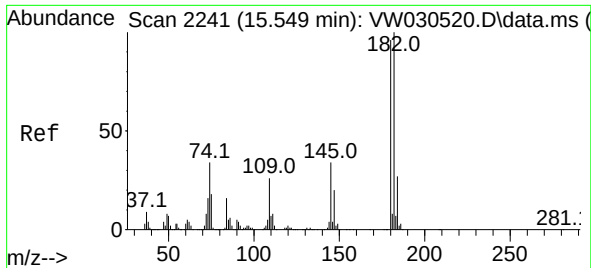
Ion Ratio Lower Upper

128 100

127 14.2 10.9 16.3

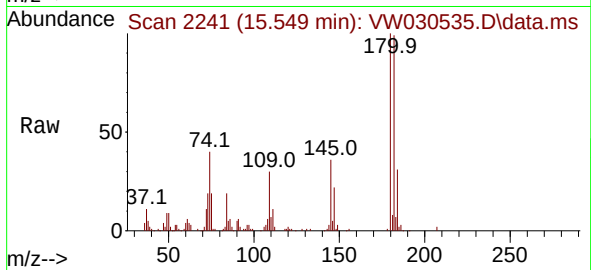
129 11.5 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 8.546 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030535.D
 Acq: 11 Oct 2024 02:20

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 38083
 Ion Ratio Lower Upper
 180 100
 182 91.6 76.2 114.4
 145 34.1 27.4 41.2

