

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030922.D
 Acq On : 04 Nov 2024 21:50
 Operator : SY/MD
 Sample : P4603-03MSD
 Misc : 6.05g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 05 00:45:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:39:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	342136	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	296626	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	130534	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	112018	19.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.840%
7) Chloroethane-d5	2.899	69	101603	23.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.440%
11) 1,1-Dichloroethene-d2	4.021	65	50353	21.747	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.000%
21) 2-Butanone-d5	7.075	46	73764	79.881	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	159.760%#
24) Chloroform-d	7.648	84	279240	27.685	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.760%
26) 1,2-Dichloroethane-d4	8.306	65	153654	30.640	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.560%
32) Benzene-d6	8.276	84	512789	27.827	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.320%
36) 1,2-Dichloropropane-d6	9.270	67	164512	30.283	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.120%#
41) Toluene-d8	10.324	98	426067	25.777	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.120%
43) trans-1,3-Dichloroprop...	10.574	79	70505	32.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	128.080%
47) 2-Hexanone-d5	10.922	63	62564	88.864	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	177.720%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	139522	36.864	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	147.440%#
66) 1,2-Dichlorobenzene-d4	13.848	152	138317	29.090	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	100020	27.445	ug/L	90
3) Chloromethane	2.228	50	130239	26.522	ug/L	99
5) Vinyl chloride	2.375	62	138814	23.852	ug/L	99
6) Bromomethane	2.789	94	99713	26.094	ug/L	95
8) Chloroethane	2.929	64	89513	25.372	ug/L	98
9) Trichlorofluoromethane	3.265	101	126733	23.861	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	129810	26.549	ug/L	96
12) 1,1-Dichloroethene	4.045	96	113930	25.763	ug/L	98
13) Acetone	4.124	43	65349	57.942	ug/L	99
14) Carbon disulfide	4.392	76	355323	24.442	ug/L	99
15) Methyl Acetate	4.673	43	63703	38.507	ug/L	99
16) Methylene chloride	4.923	84	141390	29.231	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	131975	27.203	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	233597	35.674	ug/L	99
19) 1,1-Dichloroethane	6.215	63	258844	28.591	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	153552	29.835	ug/L	97
22) 2-Butanone	7.166	43	92433	73.184	ug/L	98
23) Bromochloromethane	7.514	128	72068	31.974	ug/L	94
25) Chloroform	7.672	83	272687	28.626	ug/L	95

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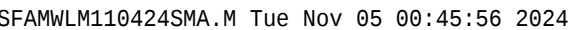
Instrument :
 MSVOA_W
 ClientSampleId :

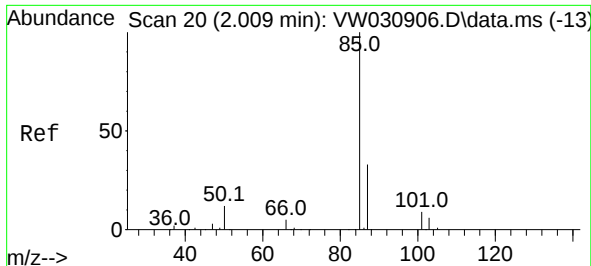
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	186980	31.518	ug/L	98
29) Cyclohexane	7.953	56	188253	26.483	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	200641	26.332	ug/L	99
31) Carbon tetrachloride	8.069	117	178174	26.023	ug/L	98
33) Benzene	8.325	78	565921	29.600	ug/L	100
34) Trichloroethene	9.087	95	137300	26.043	ug/L	95
35) Methylcyclohexane	9.337	83	209917	25.122	ug/L	98
37) 1,2-Dichloropropane	9.367	63	151127	31.628	ug/L	99
38) Bromodichloromethane	9.642	83	195550	31.164	ug/L	96
39) cis-1,3-Dichloropropene	10.074	75	226668	31.711	ug/L	97
40) 4-Methyl-2-pentanone	10.208	43	184859	84.597	ug/L	99
42) Toluene	10.385	91	545687	26.953	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	192445	32.408	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	119022	34.703	ug/L	98
46) Tetrachloroethene	10.861	164	91086	22.600	ug/L	94
48) 2-Hexanone	10.964	43	133894	80.539	ug/L	96
49) Dibromochloromethane	11.123	129	126889	33.933	ug/L	97
50) 1,2-Dibromoethane	11.233	107	111103	35.128	ug/L	98
51) Chlorobenzene	11.653	112	343594	26.517	ug/L	94
52) Ethylbenzene	11.727	91	556538	24.328	ug/L	96
53) m,p-Xylene	11.836	106	206486	23.999	ug/L	99
54) o-Xylene	12.165	106	208413	26.326	ug/L	96
55) Styrene	12.178	104	375482	27.759	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	142184	37.988	ug/L	96
59) Bromoform	12.348	173	73714	39.548	ug/L	99
60) Isopropylbenzene	12.458	105	496011	24.911	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	100844	41.207	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	389165	24.824	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	395418	25.900	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	232824	26.630	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	228965	25.509	ug/L	92
67) 1,2-Dichlorobenzene	13.866	146	225549	28.946	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	23290	44.951	ug/L	99
69) 1,3,5-Trichlorobenzene	14.622	180	150396	25.923	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	122106	26.506	ug/L	89
71) Naphthalene	15.360	128	323669	43.340	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	132544	33.384	ug/L	95

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

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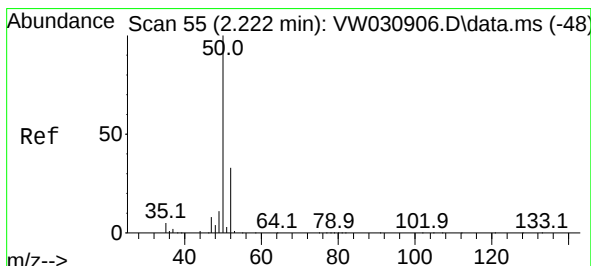
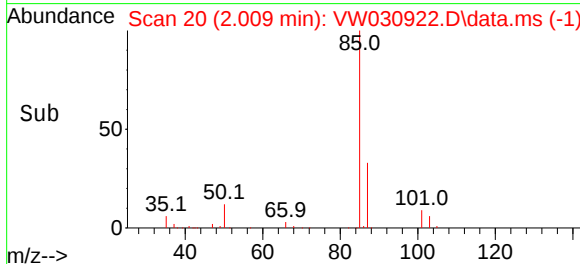
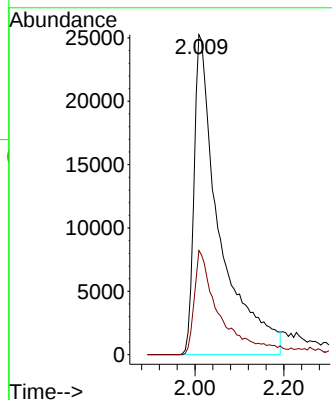
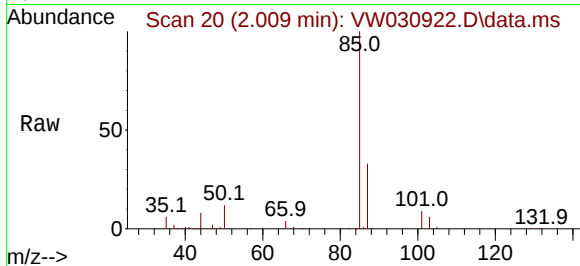




#2
 Dichlorodifluoromethane
 Concen: 27.445 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VW030922.D
 Acq: 04 Nov 2024 21:50

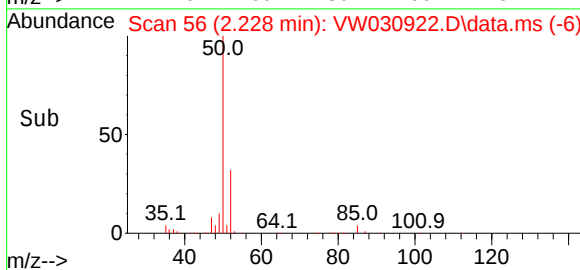
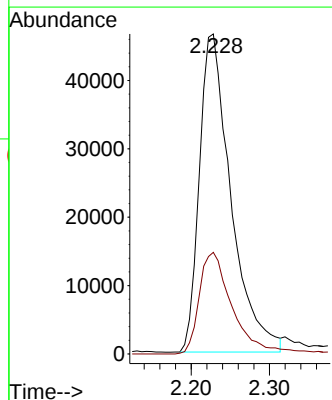
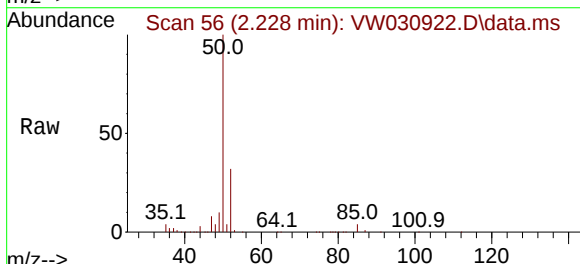
Instrument :
 MSVOA_W
 ClientSampleId :

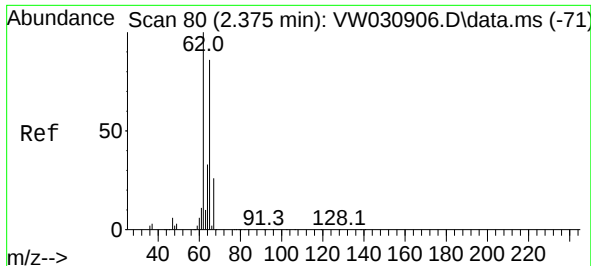
Tgt Ion: 85 Resp: 100020
 Ion Ratio Lower Upper
 85 100
 87 24.9 24.2 36.4



#3
 Chloromethane
 Concen: 26.522 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW030922.D
 Acq: 04 Nov 2024 21:50

Tgt Ion: 50 Resp: 130239
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.5 41.9

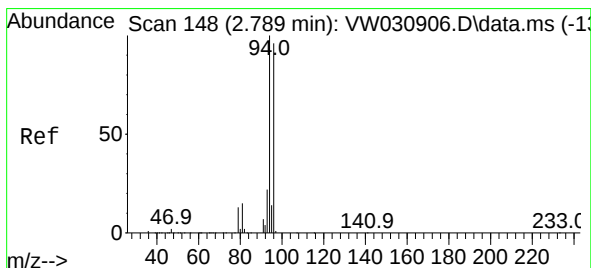
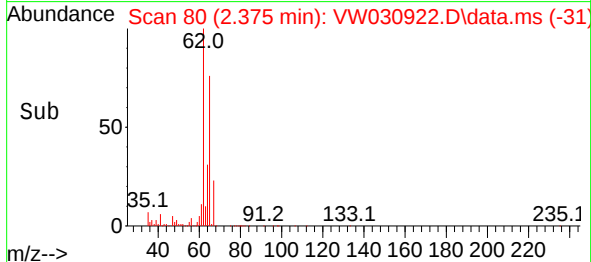
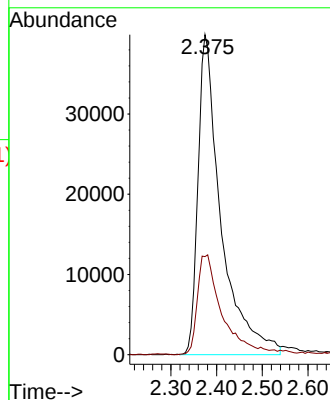
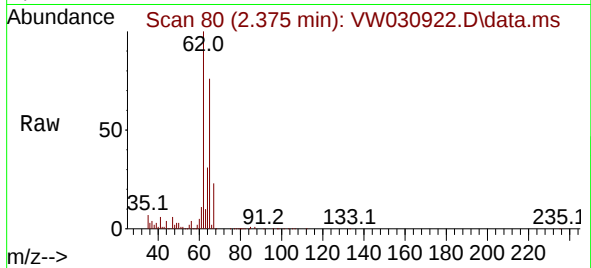




#5
 Vinyl chloride
 Concen: 23.852 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030922.D
 Acq: 04 Nov 2024 21:50

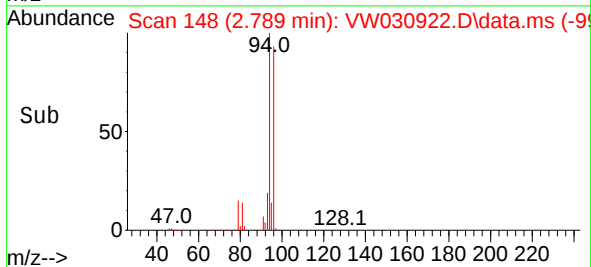
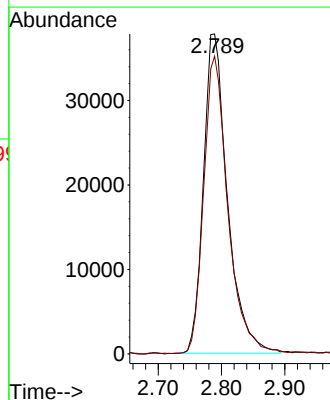
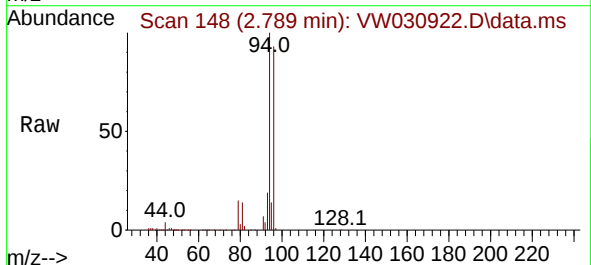
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 ClientSampleId :

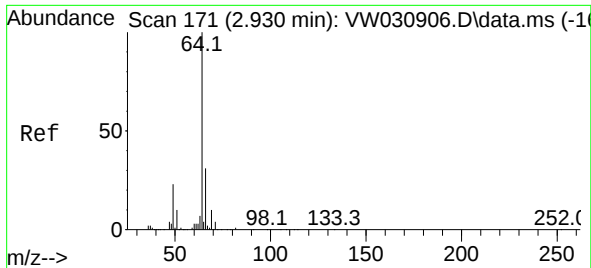
Tgt Ion: 62 Resp: 138814
 Ion Ratio Lower Upper
 62 100
 64 30.6 21.7 40.3



#6
 Bromomethane
 Concen: 26.094 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW030922.D
 Acq: 04 Nov 2024 21:50

Tgt Ion: 94 Resp: 99713
 Ion Ratio Lower Upper
 94 100
 96 93.1 61.6 114.4

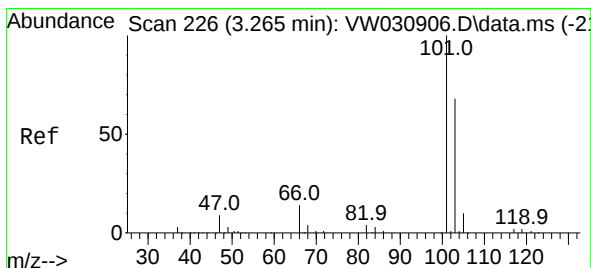
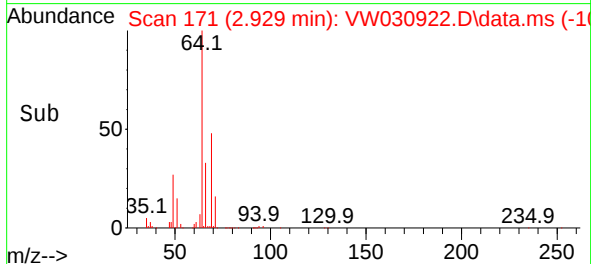
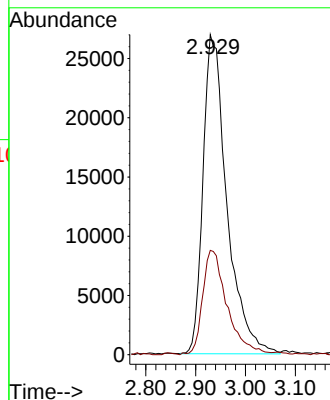
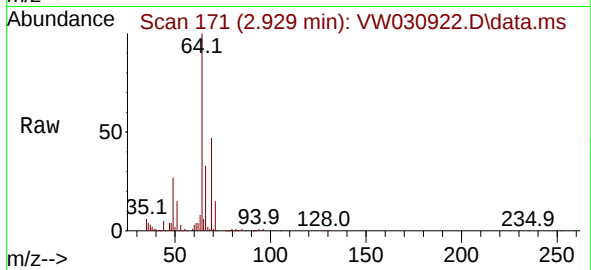




#8
Chloroethane
Concen: 25.372 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW030922.D
Acq: 04 Nov 2024 21:50

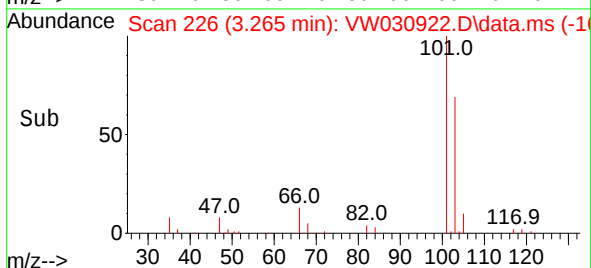
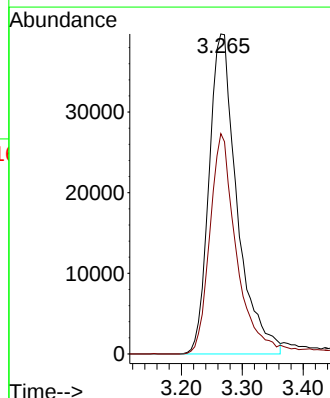
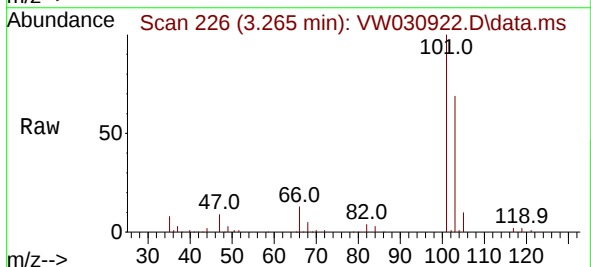
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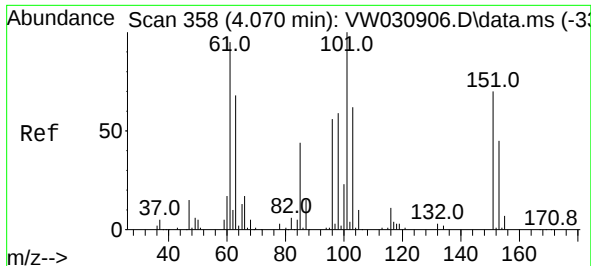
Tgt Ion: 64 Resp: 89513
Ion Ratio Lower Upper
64 100
66 32.6 23.5 43.7



#9
Trichlorofluoromethane
Concen: 23.861 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW030922.D
Acq: 04 Nov 2024 21:50

Tgt Ion:101 Resp: 126733
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6





#10

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

Concen: 26.549 ug/L

RT: 4.075 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

Instrument :

MSVOA_W

ClientSampleId :

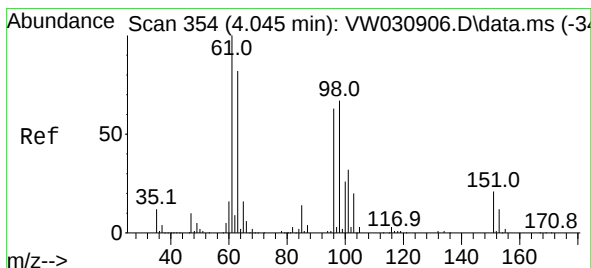
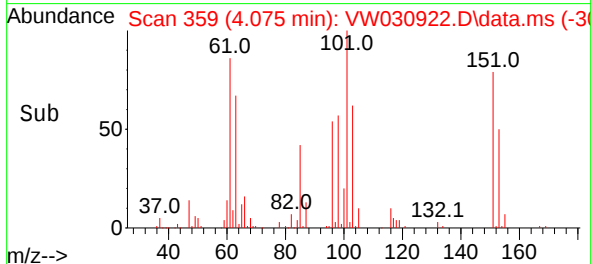
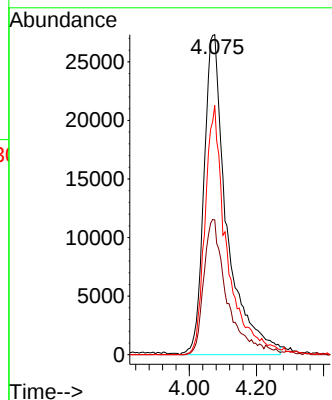
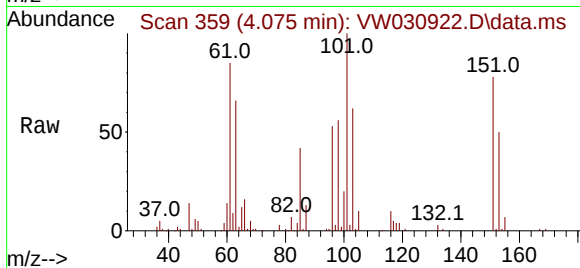
Tgt Ion:101 Resp: 129810

Ion Ratio Lower Upper

101 100

85 40.2 32.9 49.3

151 68.1 51.0 76.6



#12

1,1-Dichloroethene

Concen: 25.763 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030922.D

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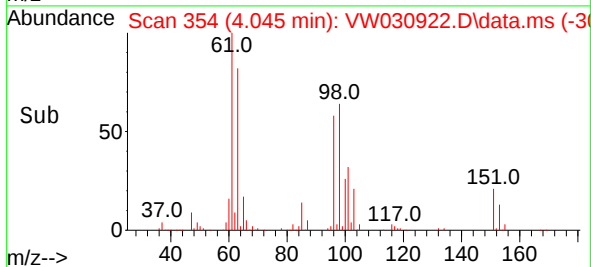
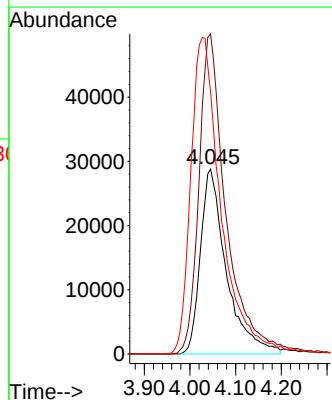
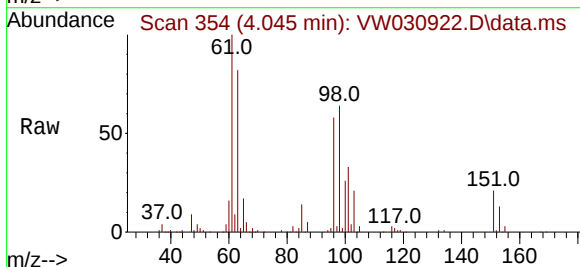
Tgt Ion: 96 Resp: 113930

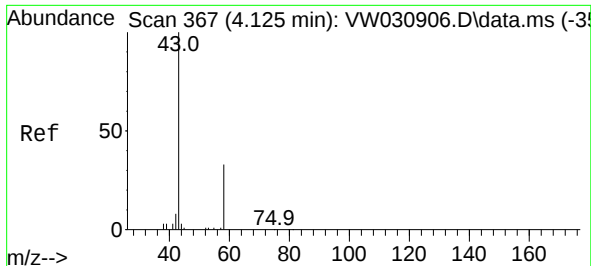
Ion Ratio Lower Upper

96 100

61 173.0 118.9 220.7

63 141.4 97.8 181.6

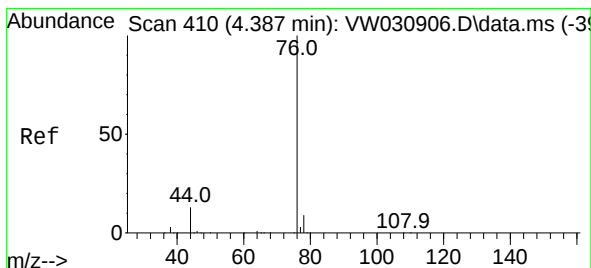
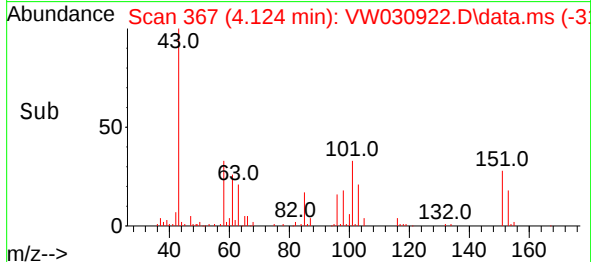
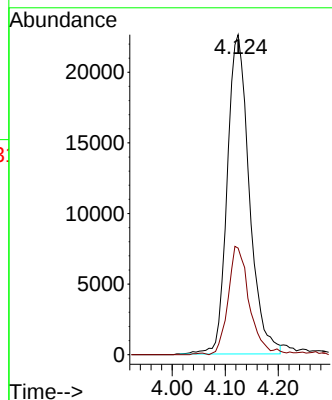
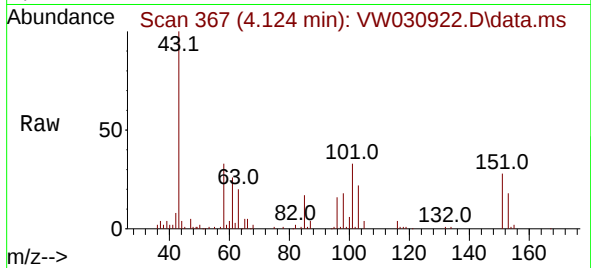




#13
Acetone
Concen: 57.942 ug/L
RT: 4.124 min Scan# 367
Delta R.T. -0.000 min
Lab File: VW030922.D
Acq: 04 Nov 2024 21:50

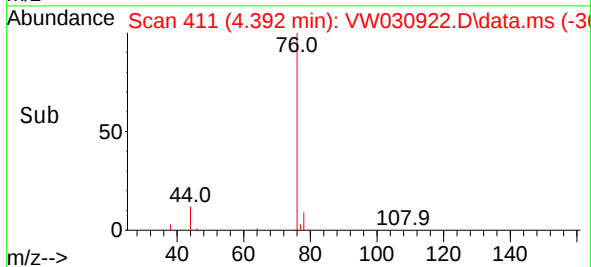
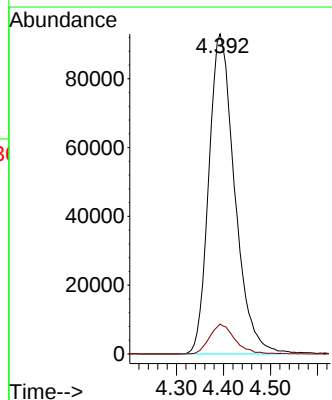
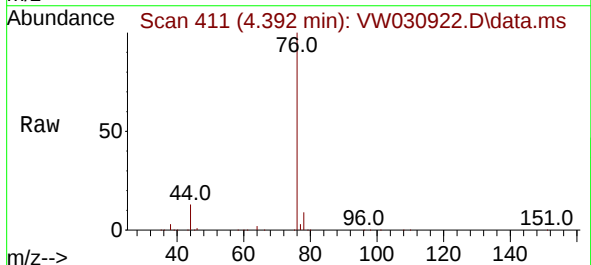
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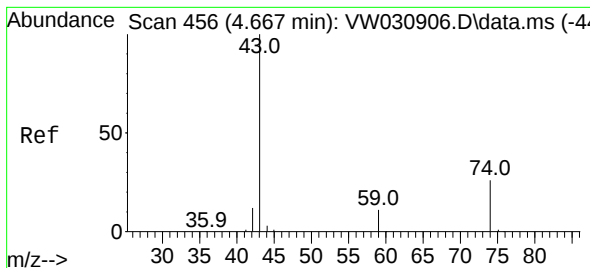
Tgt Ion: 43 Resp: 65349
Ion Ratio Lower Upper
43 100
58 31.9 0.0 62.6



#14
Carbon disulfide
Concen: 24.442 ug/L
RT: 4.392 min Scan# 411
Delta R.T. 0.006 min
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Acq: 04 Nov 2024 21:50

Tgt Ion: 76 Resp: 355323
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7





#15

Methyl Acetate

Concen: 38.507 ug/L

RT: 4.673 min Scan# 4

Delta R.T. 0.006 min

Lab File: VW030922.D

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Instrument :

MSVOA_W

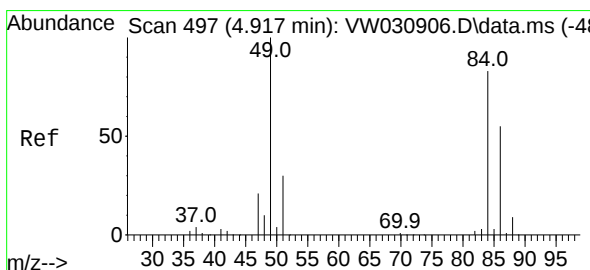
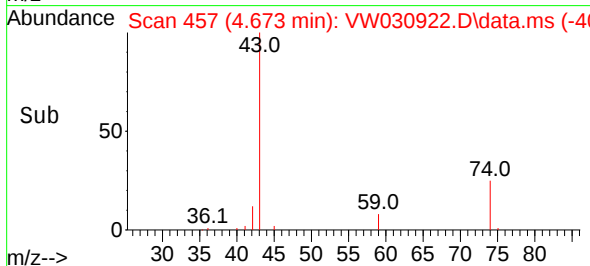
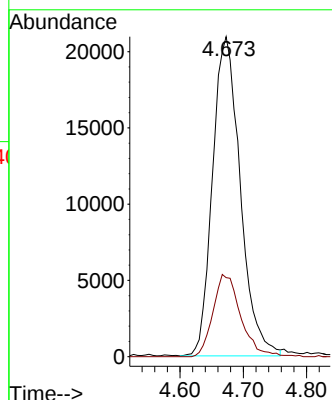
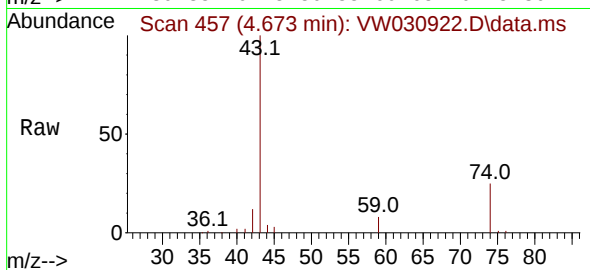
ClientSampleId :

Tgt Ion: 43 Resp: 63703

Ion Ratio Lower Upper

43 100

74 25.8 20.2 30.2



#16

Methylene chloride

Concen: 29.231 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

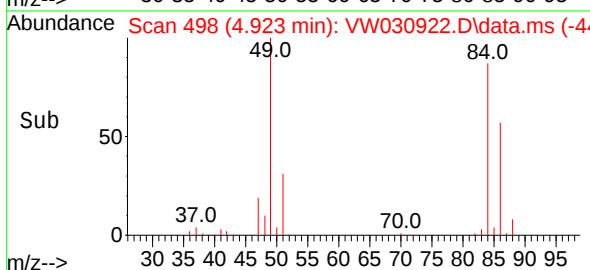
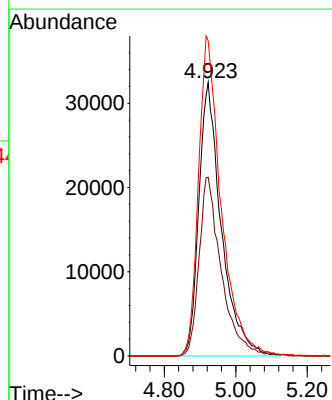
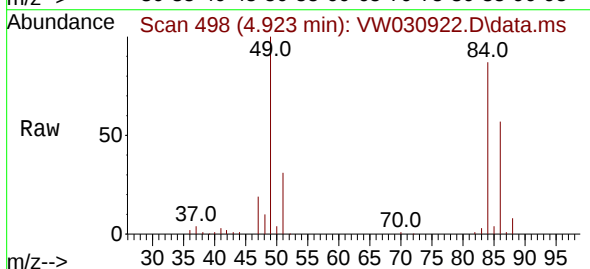
Tgt Ion: 84 Resp: 141390

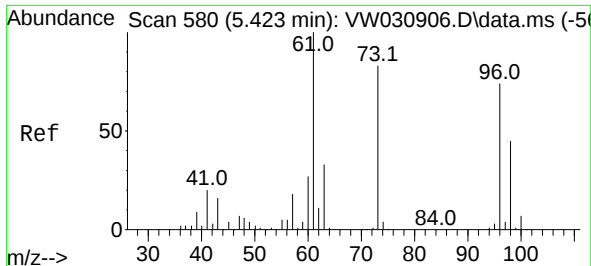
Ion Ratio Lower Upper

84 100

86 65.4 41.8 77.6

49 115.2 82.8 153.8





#17

trans-1,2-Dichloroethene

Concen: 27.203 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

Instrument :

MSVOA_W

ClientSampleId :

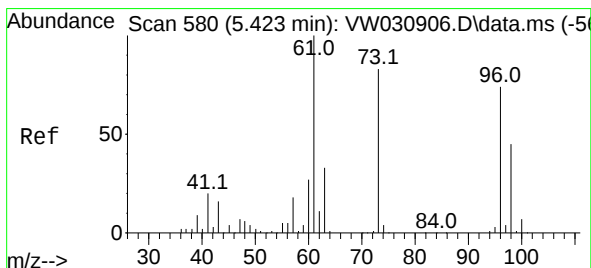
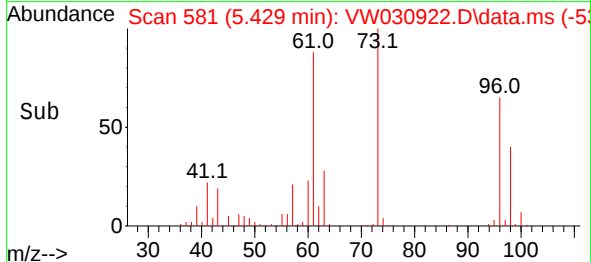
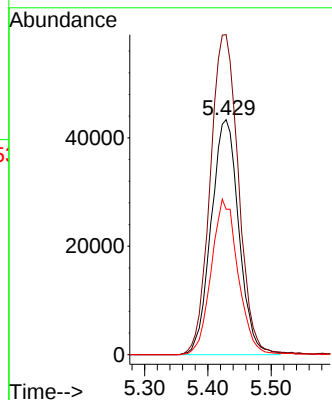
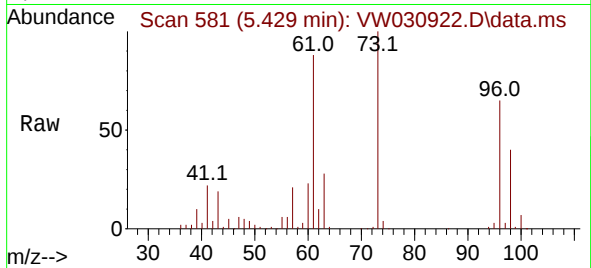
Tgt Ion: 96 Resp: 131975

Ion Ratio Lower Upper

96 100

61 136.1 95.2 176.8

98 61.9 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 35.674 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.000 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

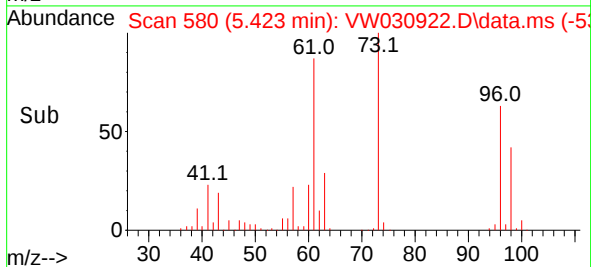
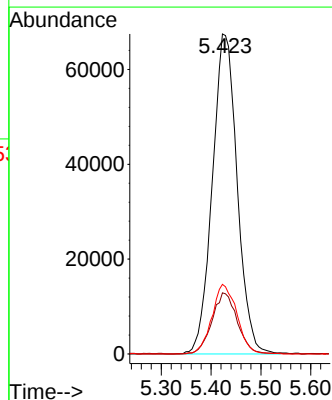
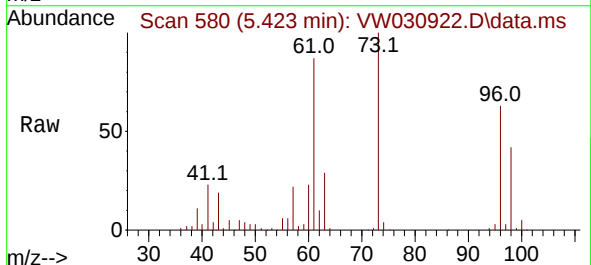
Tgt Ion: 73 Resp: 233597

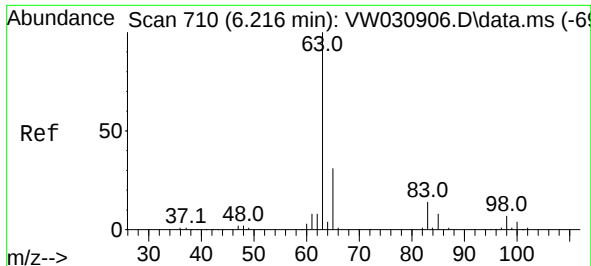
Ion Ratio Lower Upper

73 100

43 19.2 16.2 24.2

57 21.9 17.3 25.9





#19

1,1-Dichloroethane

Concen: 28.591 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

Instrument :

MSVOA_W

ClientSampleId :

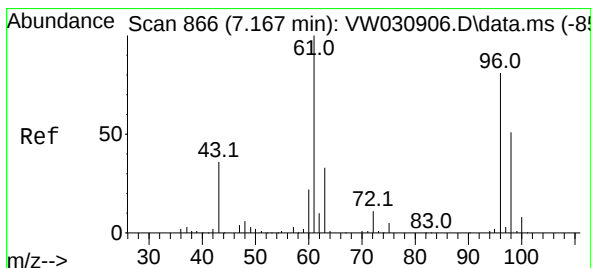
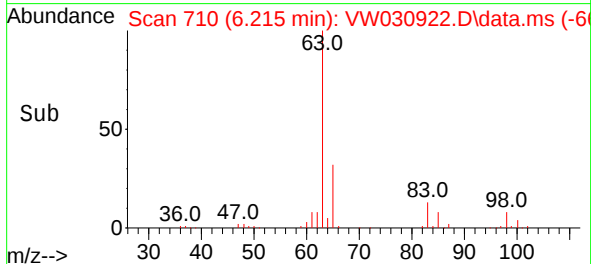
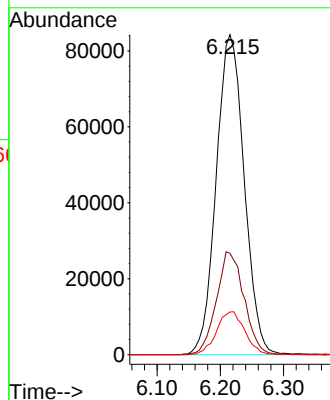
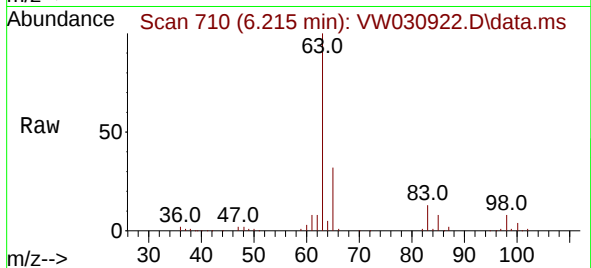
Tgt Ion: 63 Resp: 258844

Ion Ratio Lower Upper

63 100

65 31.7 23.0 42.8

83 13.4 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 29.835 ug/L

RT: 7.172 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

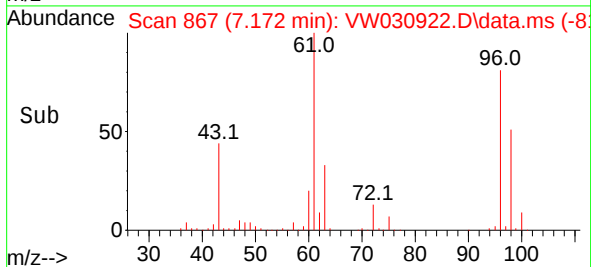
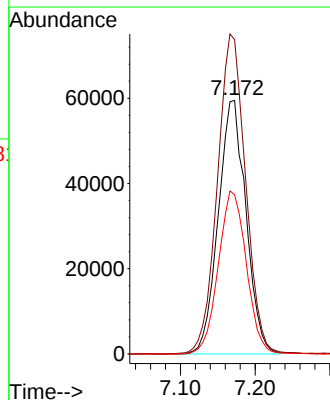
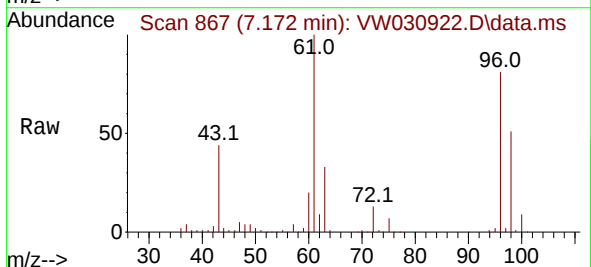
Tgt Ion: 96 Resp: 153552

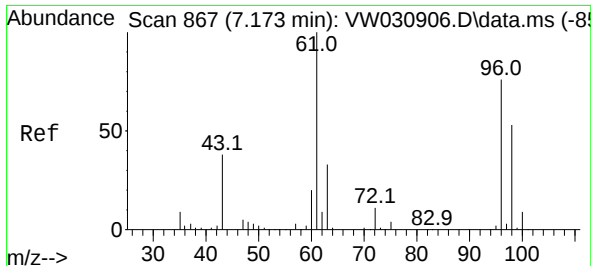
Ion Ratio Lower Upper

96 100

61 123.9 89.2 165.8

98 62.8 45.1 83.9





#22

2-Butanone

Concen: 73.184 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

Instrument :

MSVOA_W

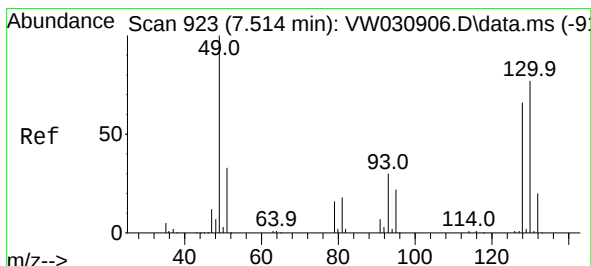
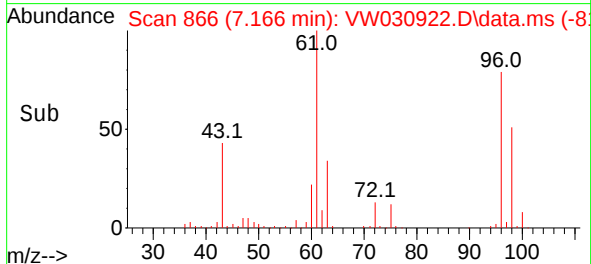
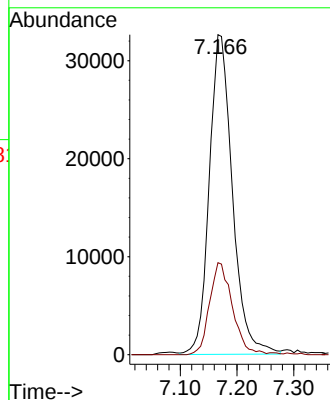
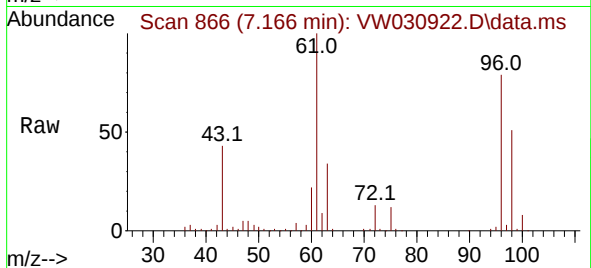
ClientSampleId :

Tgt Ion: 43 Resp: 92433

Ion Ratio Lower Upper

43 100

72 28.0 14.5 43.6



#23

Bromochloromethane

Concen: 31.974 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

Tgt Ion: 128 Resp: 72068

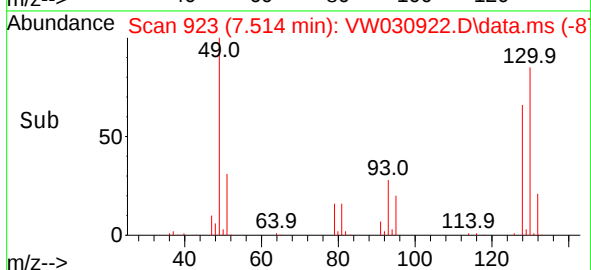
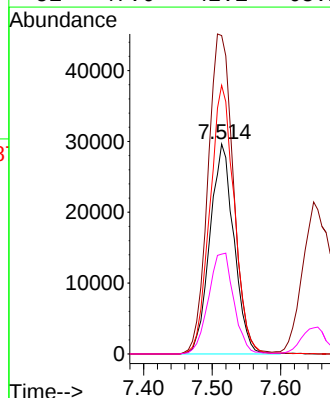
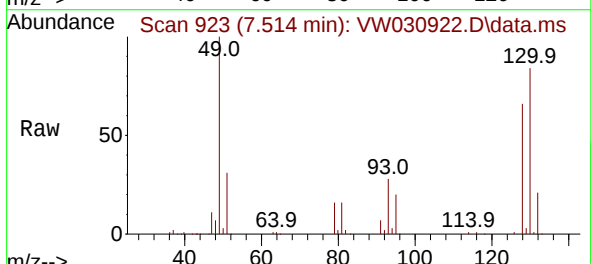
Ion Ratio Lower Upper

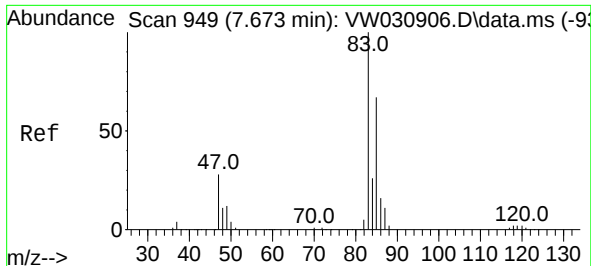
128 100

49 151.6 112.4 208.8

130 127.9 86.2 160.0

51 47.6 42.1 63.1

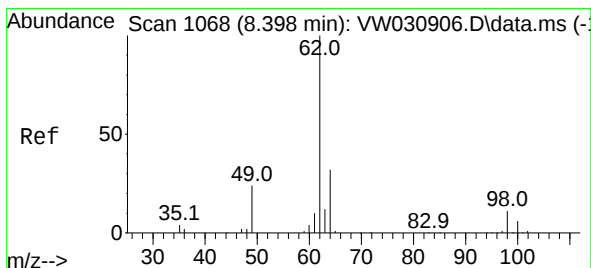
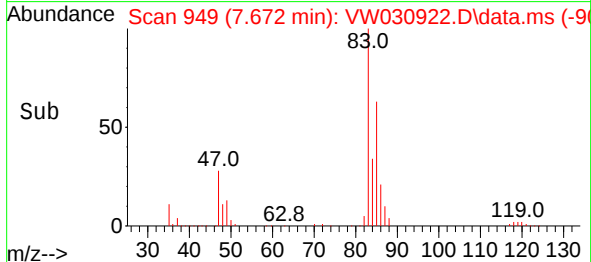
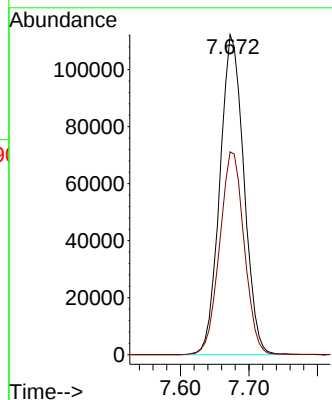
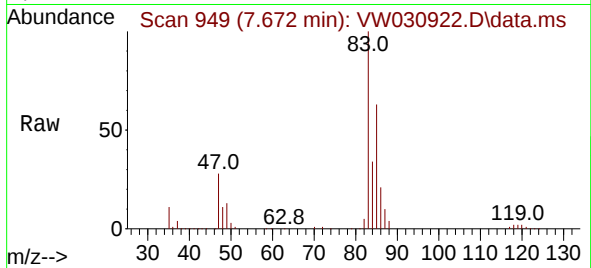




#25
Chloroform
Concen: 28.626 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW030922.D
Acq: 04 Nov 2024 21:50

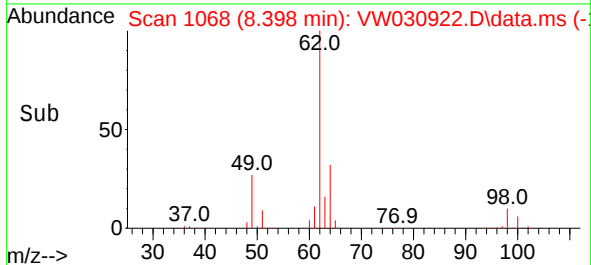
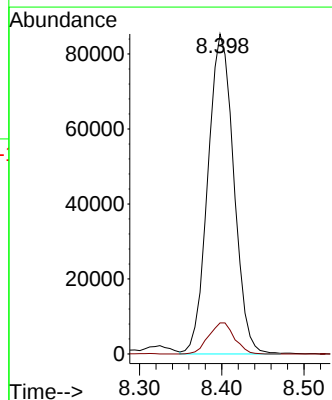
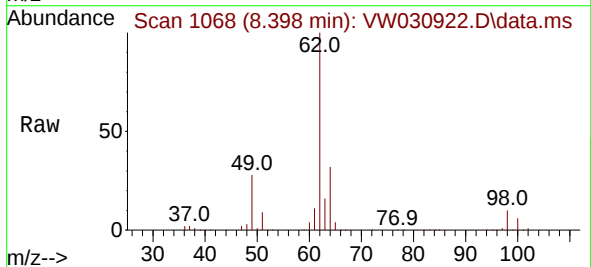
Instrument :
MSVOA_W
ClientSampleId :

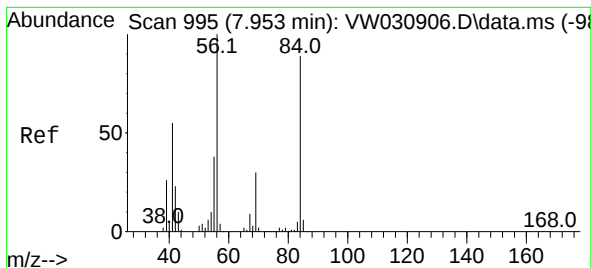
Tgt Ion: 83 Resp: 272687
Ion Ratio Lower Upper
83 100
85 63.4 47.2 87.6



#27
1,2-Dichloroethane
Concen: 31.518 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW030922.D
Acq: 04 Nov 2024 21:50

Tgt Ion: 62 Resp: 186980
Ion Ratio Lower Upper
62 100
98 9.7 7.1 10.7





#29

Cyclohexane

Concen: 26.483 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

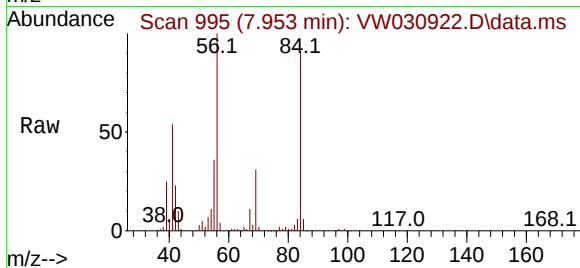
Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

Instrument :

MSVOA_W

ClientSampleId :



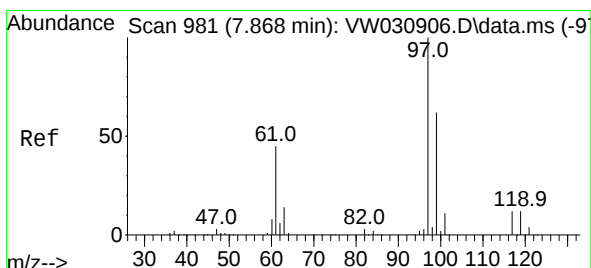
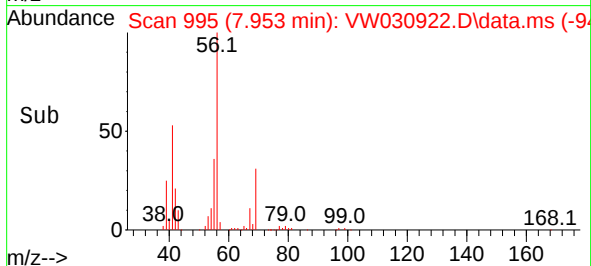
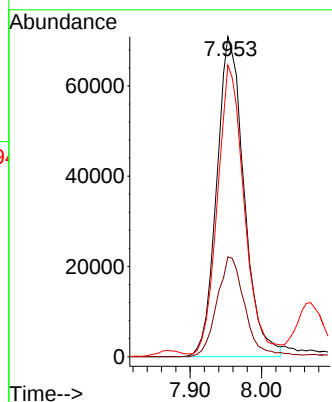
Tgt Ion: 56 Resp: 188253

Ion Ratio Lower Upper

56 100

69 31.9 24.8 37.2

84 88.5 69.5 104.3



#30

1,1,1-Trichloroethane

Concen: 26.332 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

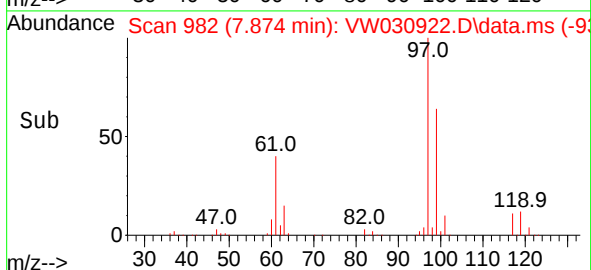
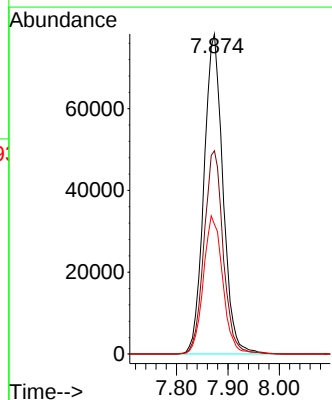
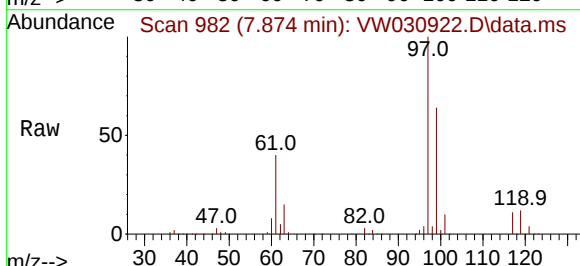
Tgt Ion: 97 Resp: 200641

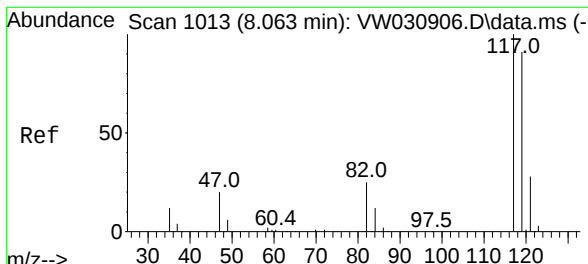
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 44.1 36.2 54.4

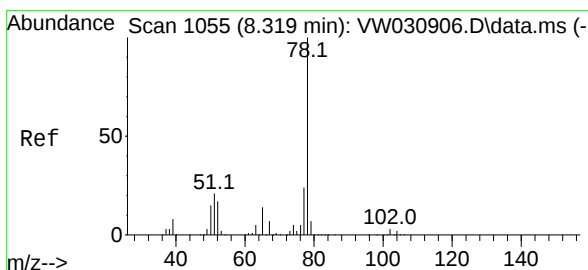
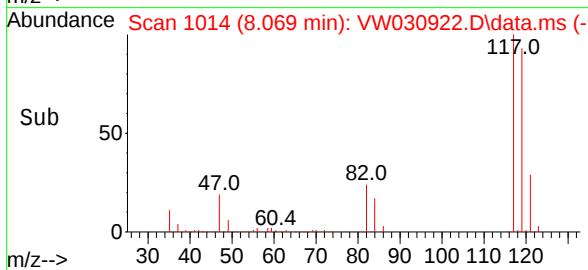
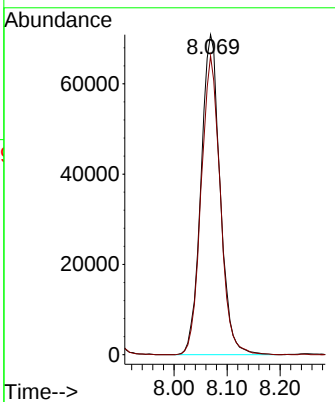
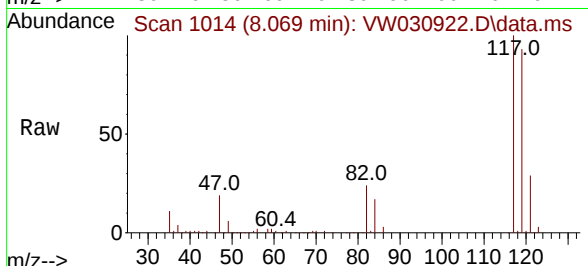




#31
Carbon tetrachloride
Concen: 26.023 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW030922.D
Acq: 04 Nov 2024 21:50

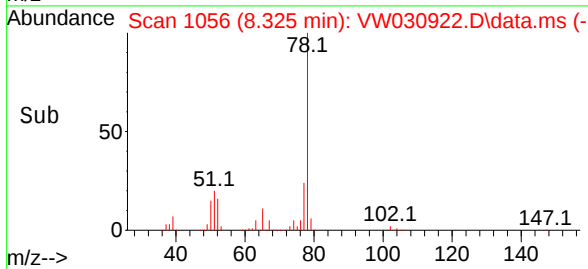
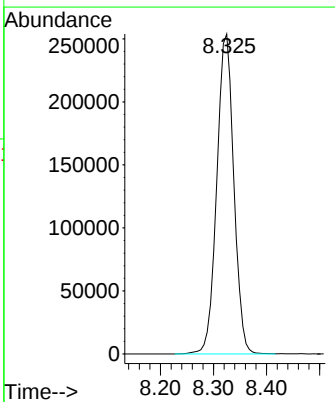
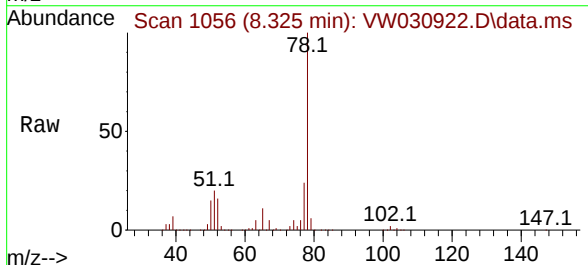
Instrument :
MSVOA_W
ClientSampleId :

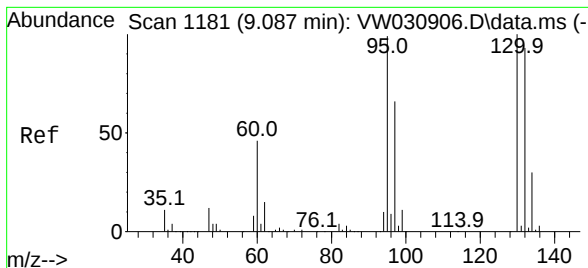
Tgt Ion:117 Resp: 178174
Ion Ratio Lower Upper
117 100
119 93.1 76.2 114.2



#33
Benzene
Concen: 29.600 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW030922.D
Acq: 04 Nov 2024 21:50

Tgt Ion: 78 Resp: 565921





#34

Trichloroethene

Concen: 26.043 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 137300

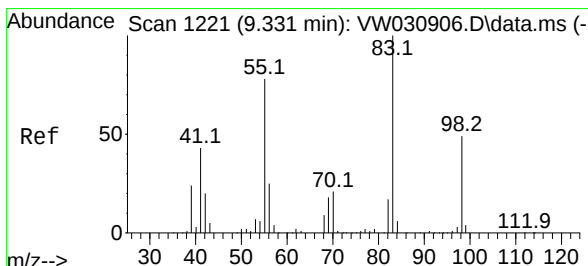
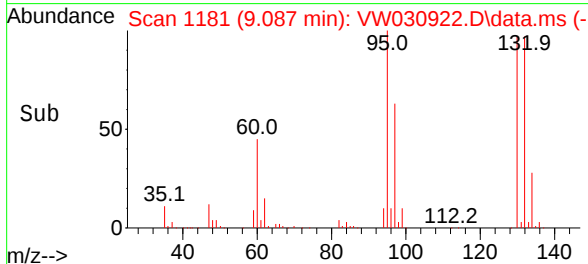
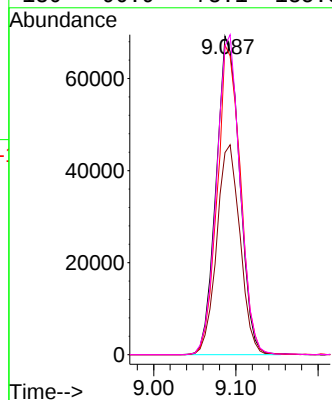
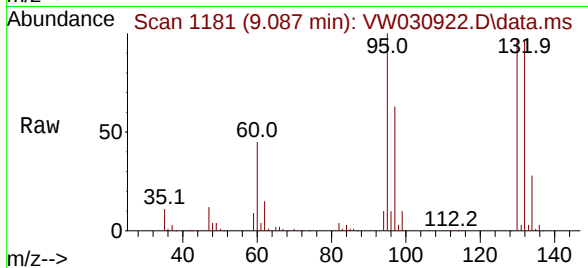
Ion Ratio Lower Upper

95 100

97 63.4 48.9 90.7

132 97.2 67.7 125.7

130 96.9 73.1 135.8



#35

Methylcyclohexane

Concen: 25.122 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

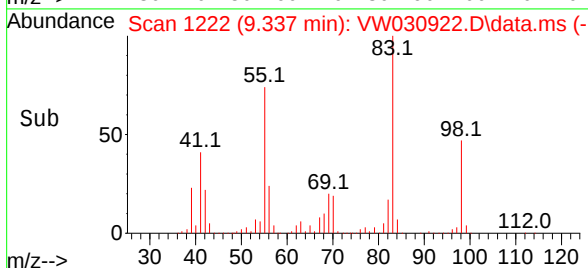
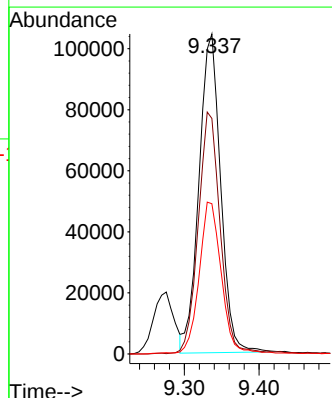
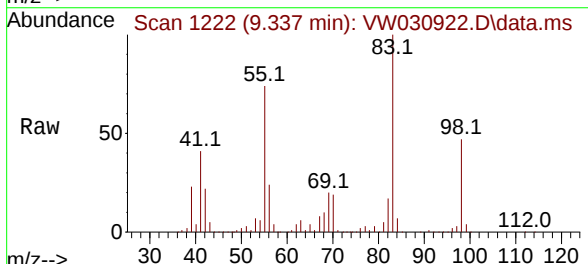
Tgt Ion: 83 Resp: 209917

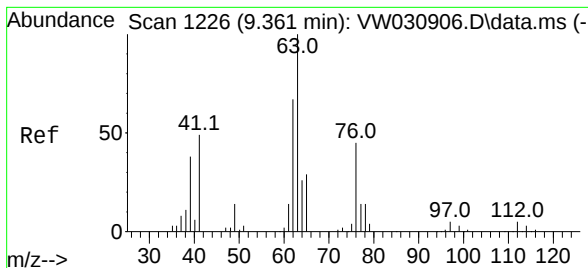
Ion Ratio Lower Upper

83 100

55 76.5 62.8 94.2

98 47.7 39.4 59.2





#37

1,2-Dichloropropane

Concen: 31.628 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

Instrument :

MSVOA_W

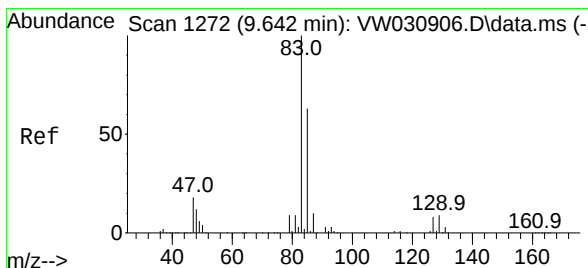
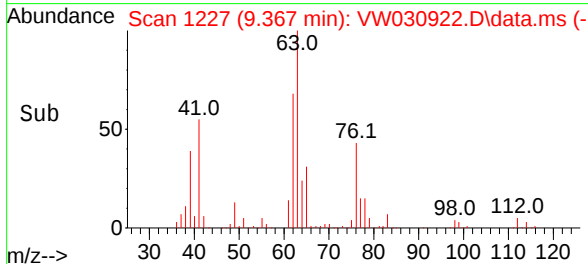
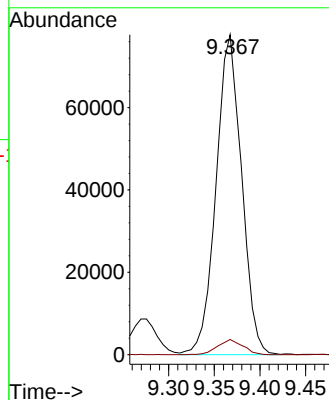
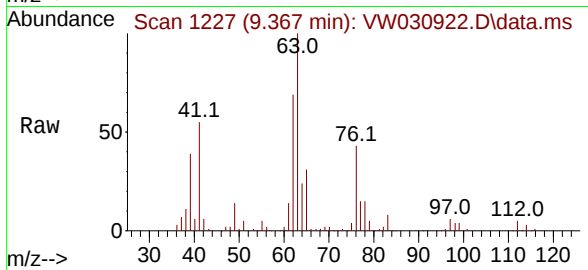
ClientSampleId :

Tgt Ion: 63 Resp: 151127

Ion Ratio Lower Upper

63 100

112 4.7 3.5 5.3



#38

Bromodichloromethane

Concen: 31.164 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

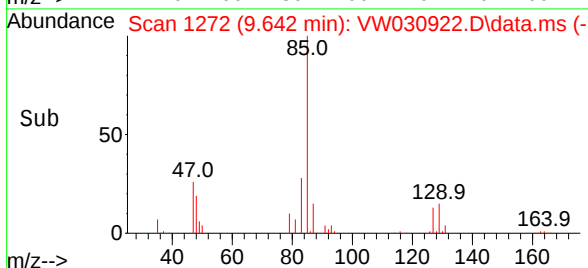
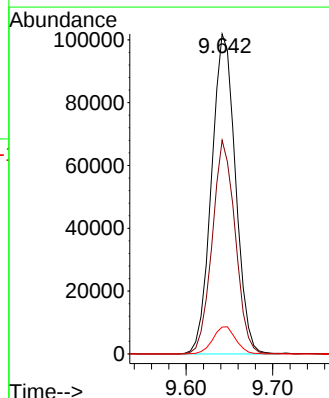
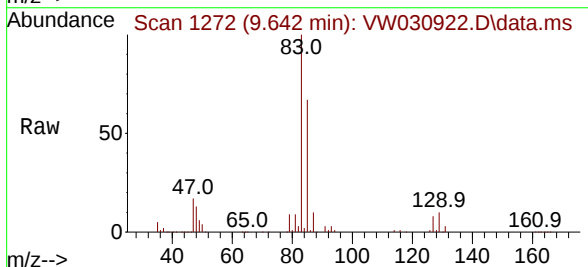
Tgt Ion: 83 Resp: 195550

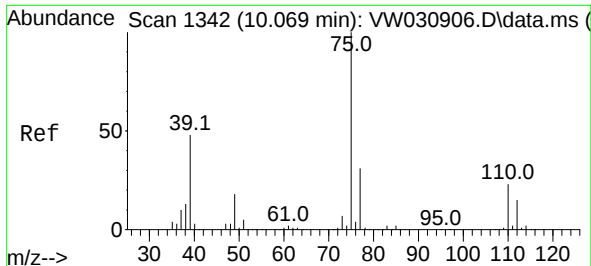
Ion Ratio Lower Upper

83 100

85 66.8 44.1 81.9

127 8.4 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 31.711 ug/L

RT: 10.074 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

Instrument :

MSVOA_W

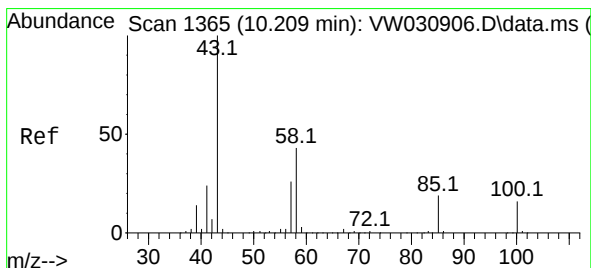
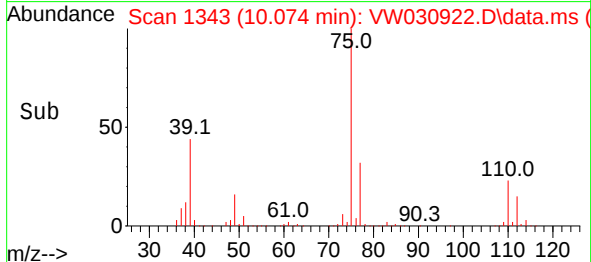
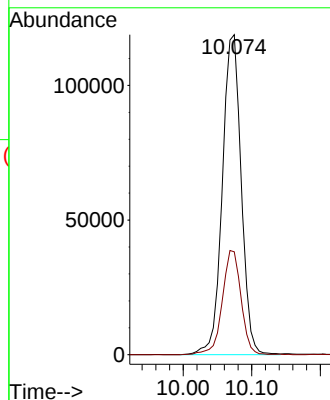
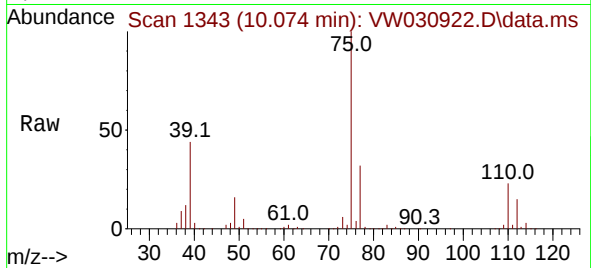
ClientSampleId :

Tgt Ion: 75 Resp: 226668

Ion Ratio Lower Upper

75 100

77 32.2 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 84.597 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

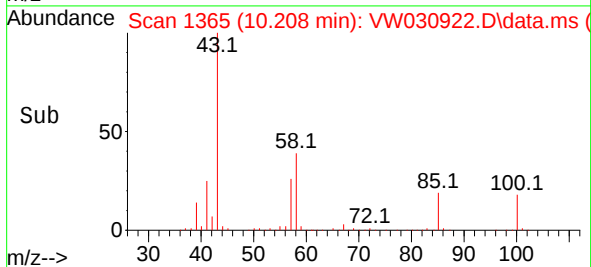
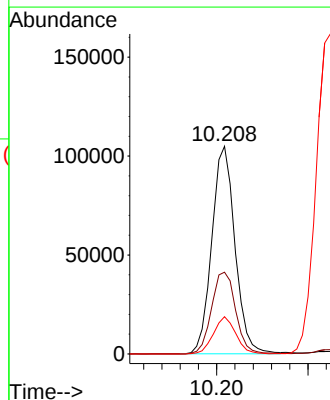
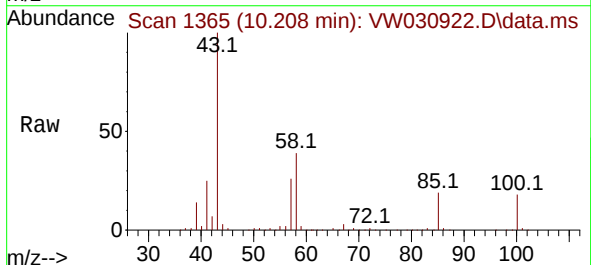
Tgt Ion: 43 Resp: 184859

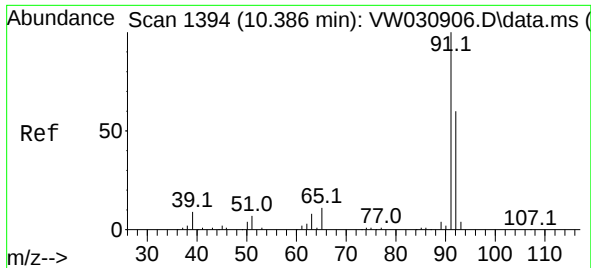
Ion Ratio Lower Upper

43 100

58 41.1 32.2 48.4

100 17.3 13.3 19.9





#42

Toluene

Concen: 26.953 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

Instrument :

MSVOA_W

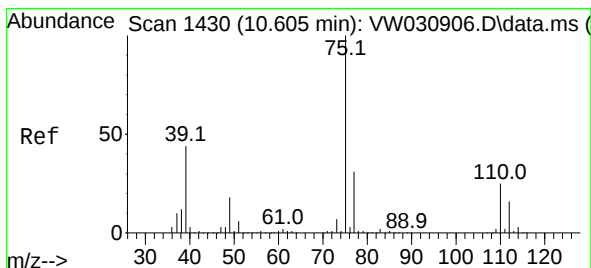
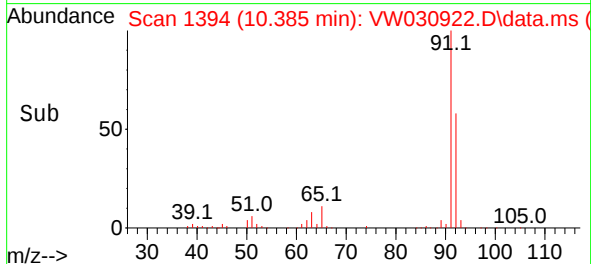
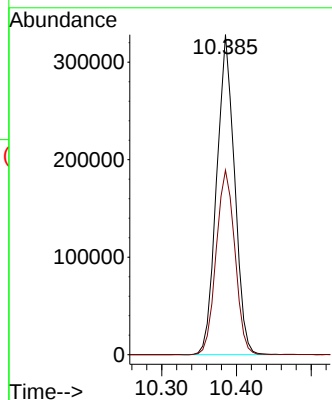
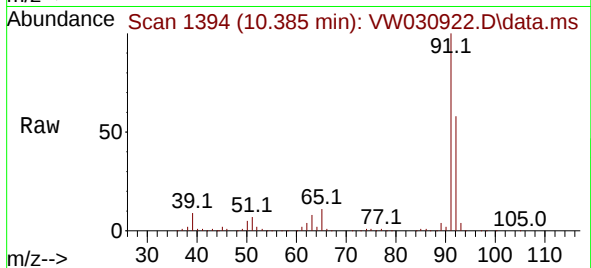
ClientSampleId :

Tgt Ion: 91 Resp: 545687

Ion Ratio Lower Upper

91 100

92 57.6 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 32.408 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030922.D

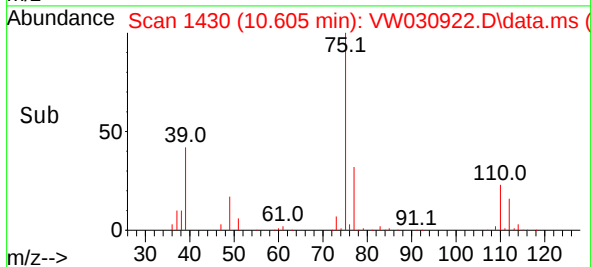
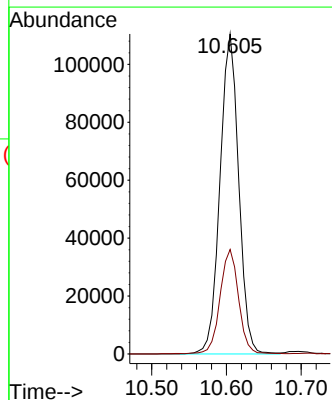
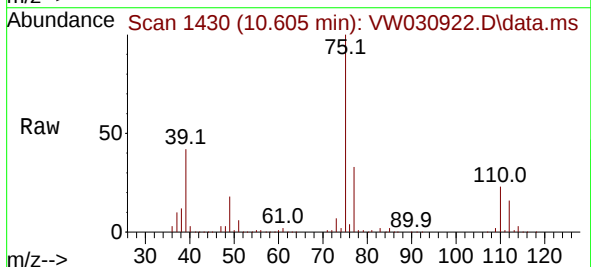
Acq: 04 Nov 2024 21:50

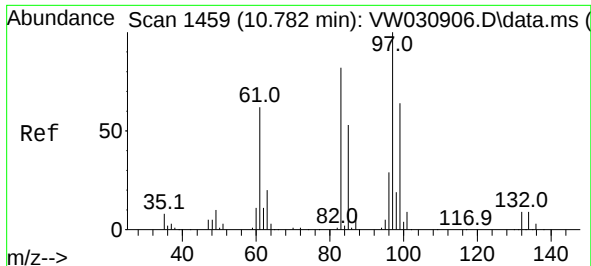
Tgt Ion: 75 Resp: 192445

Ion Ratio Lower Upper

75 100

77 32.7 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 34.703 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

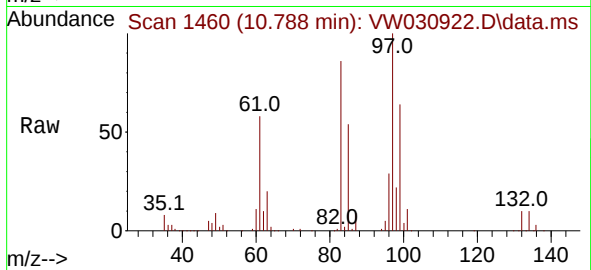
Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 119022

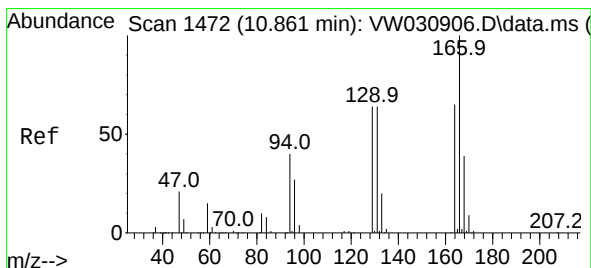
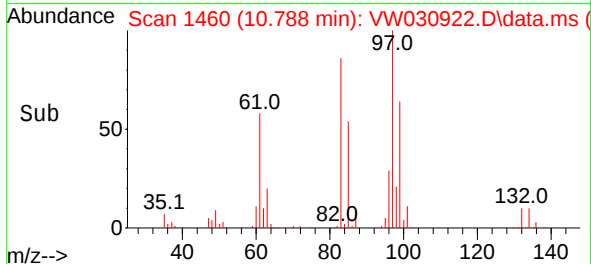
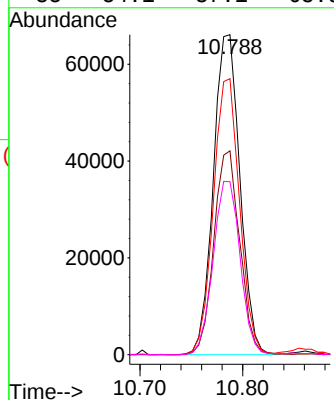
Ion Ratio Lower Upper

97 100

99 63.7 42.8 79.4

83 86.3 60.6 112.6

85 54.1 37.1 68.9



#46

Tetrachloroethene

Concen: 22.600 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

Tgt Ion:164 Resp: 91086

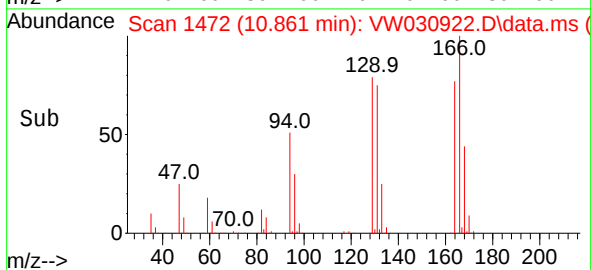
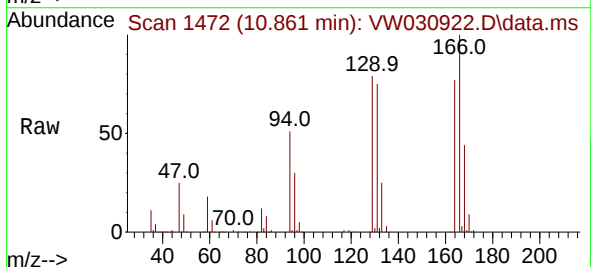
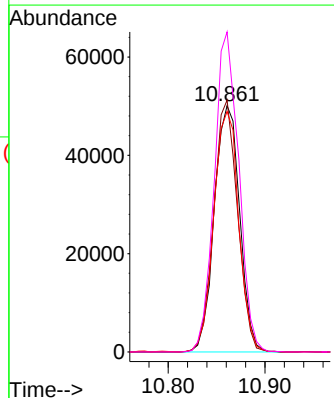
Ion Ratio Lower Upper

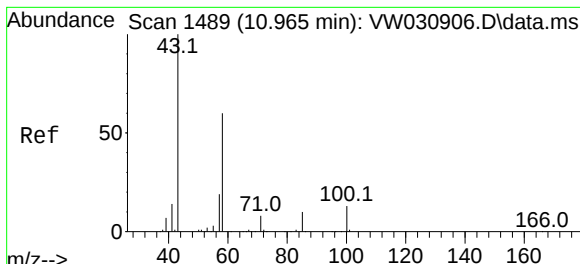
164 100

129 102.3 71.1 132.1

131 97.7 62.6 116.3

166 130.0 83.7 155.5



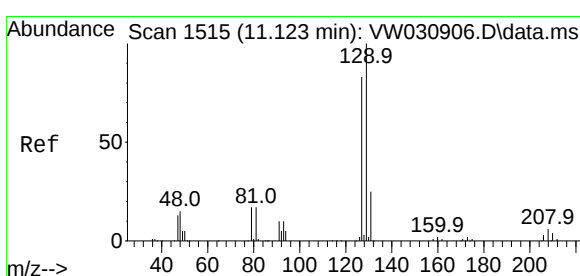
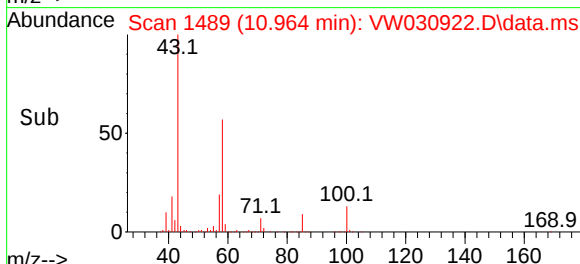
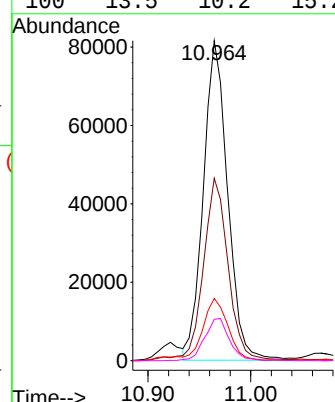
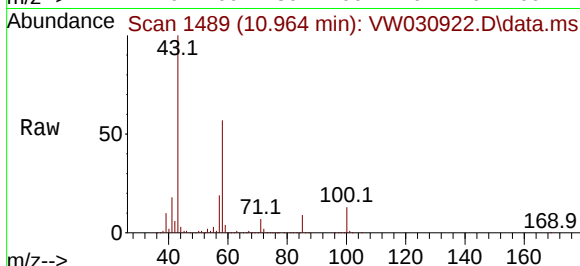


#48
2-Hexanone
Concen: 80.539 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030922.D
Acq: 04 Nov 2024 21:50

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 133894

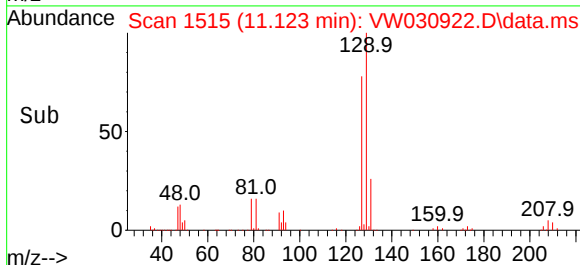
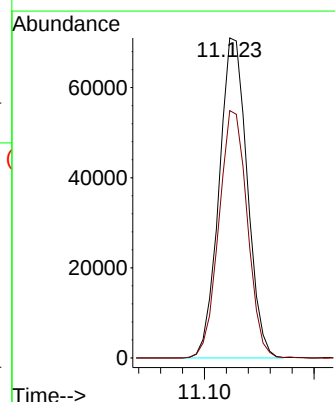
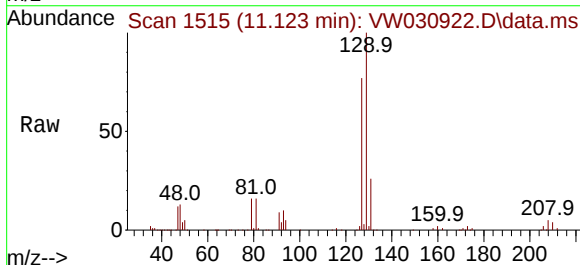
Ion	Ratio	Lower	Upper
43	100		
58	58.6	43.8	65.8
57	19.6	15.4	23.2
100	13.5	10.2	15.2

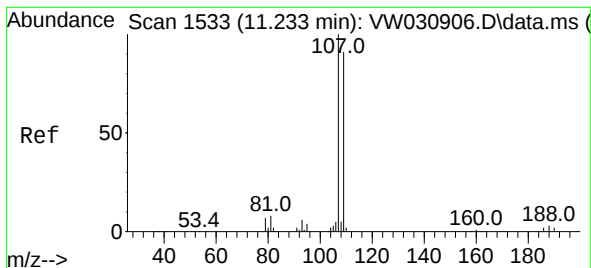


#49
Dibromochloromethane
Concen: 33.933 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW030922.D
Acq: 04 Nov 2024 21:50

Tgt Ion: 129 Resp: 126889

Ion	Ratio	Lower	Upper
129	100		
127	77.3	52.1	96.7





#50

1,2-Dibromoethane

Concen: 35.128 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

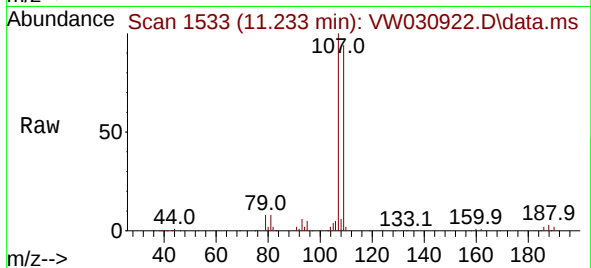
Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

Instrument :

MSVOA_W

ClientSampleId :



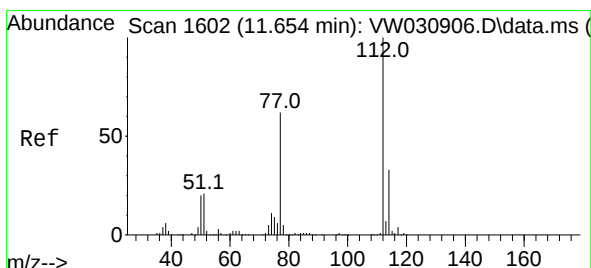
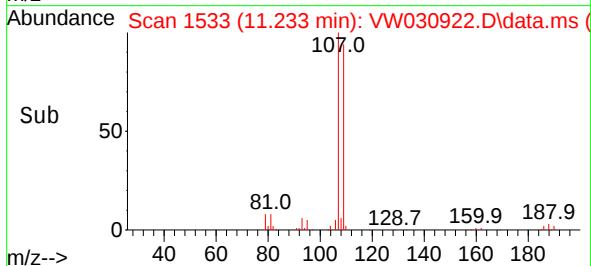
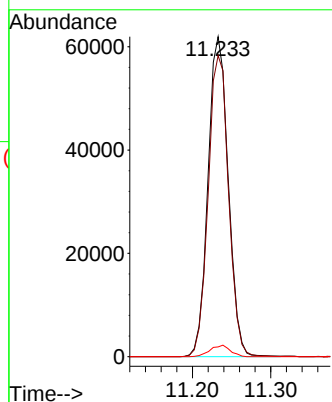
Tgt Ion:107 Resp: 111103

Ion Ratio Lower Upper

107 100

109 94.1 64.3 119.3

188 3.0 2.7 4.1



#51

Chlorobenzene

Concen: 26.517 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

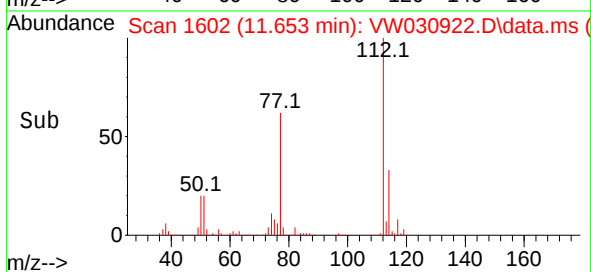
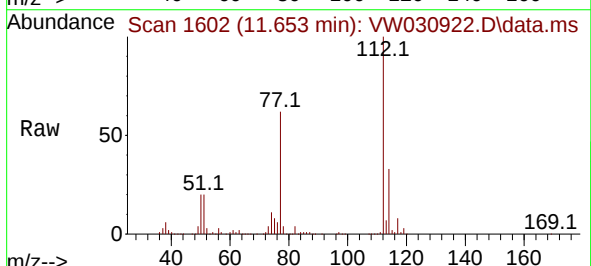
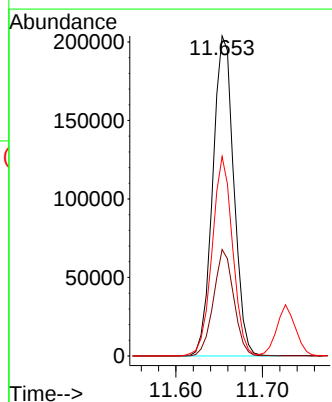
Tgt Ion:112 Resp: 343594

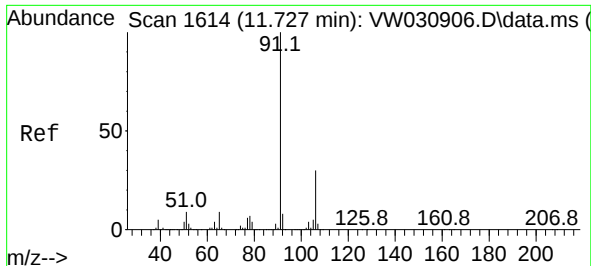
Ion Ratio Lower Upper

112 100

114 33.3 21.9 40.7

77 62.3 45.3 67.9





#52

Ethylbenzene

Concen: 24.328 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

Instrument :

MSVOA_W

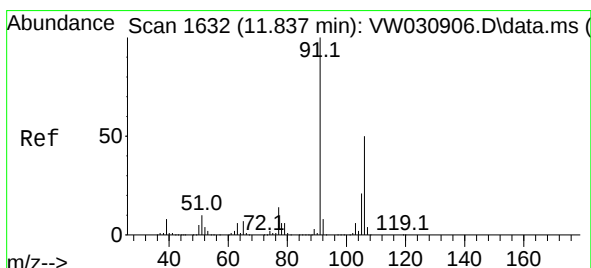
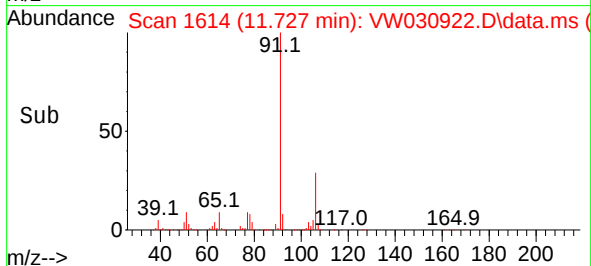
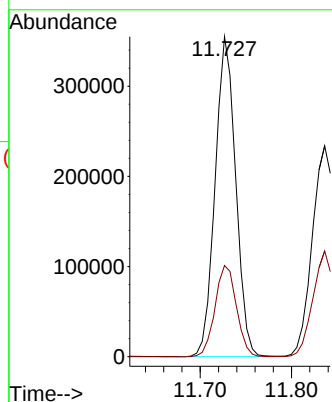
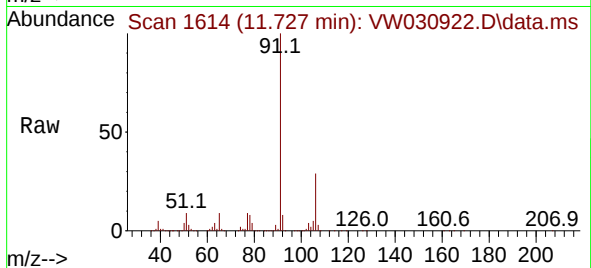
ClientSampleId :

Tgt Ion: 91 Resp: 556538

Ion Ratio Lower Upper

91 100

106 28.5 21.6 40.0



#53

m,p-Xylene

Concen: 23.999 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030922.D

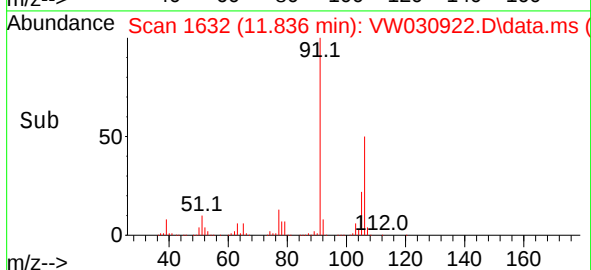
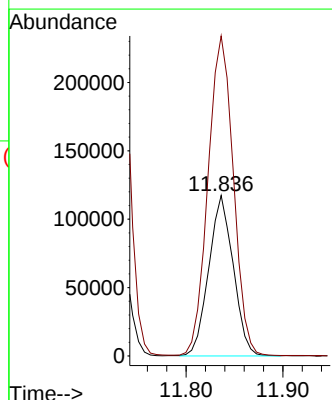
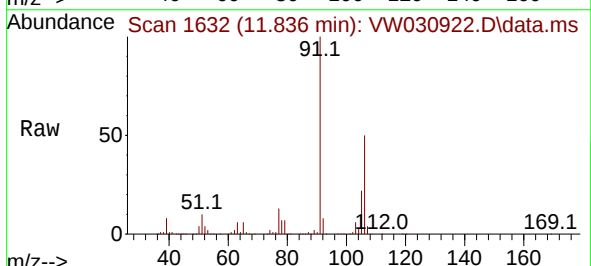
Acq: 04 Nov 2024 21:50

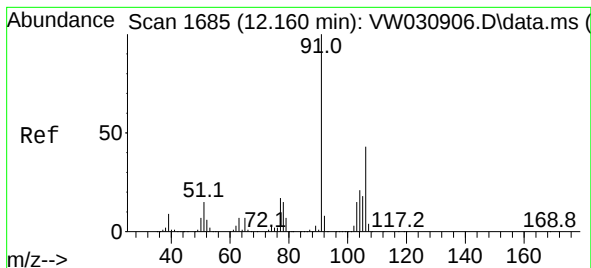
Tgt Ion:106 Resp: 206486

Ion Ratio Lower Upper

106 100

91 199.4 140.7 261.3





#54

o-Xylene

Concen: 26.326 ug/L

RT: 12.165 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

Instrument :

MSVOA_W

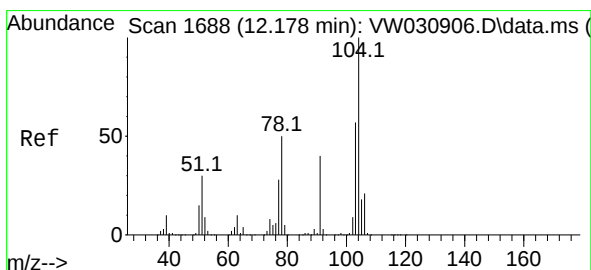
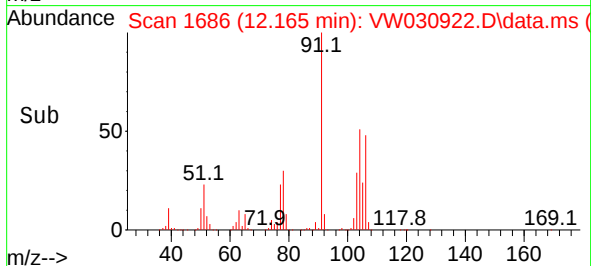
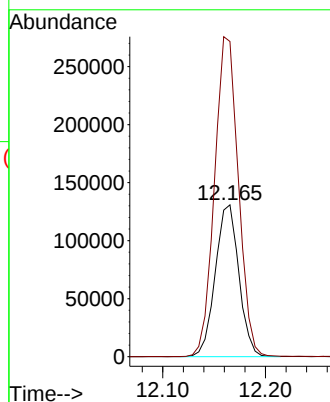
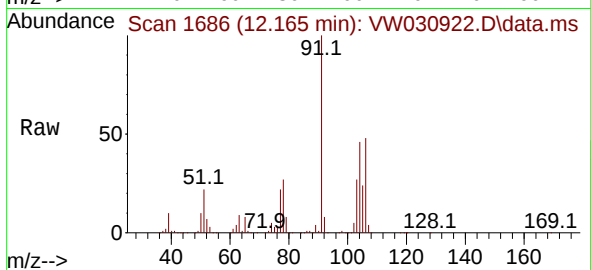
ClientSampleId :

Tgt Ion:106 Resp: 208413

Ion Ratio Lower Upper

106 100

91 207.6 149.9 278.3



#55

Styrene

Concen: 27.759 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW030922.D

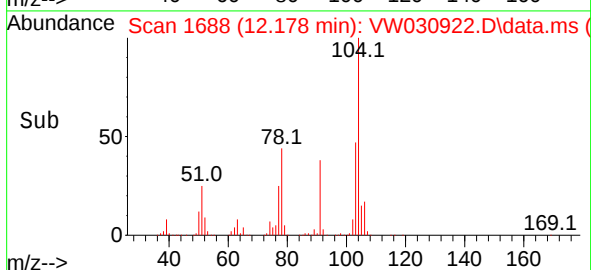
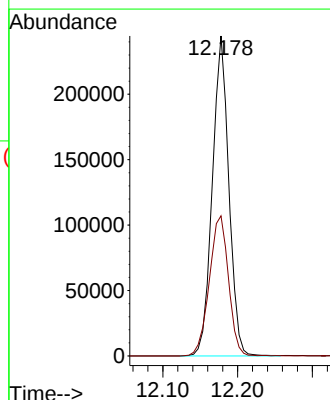
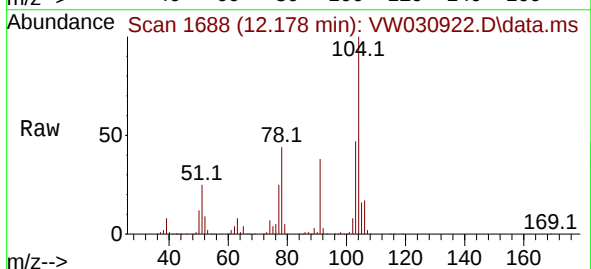
Acq: 04 Nov 2024 21:50

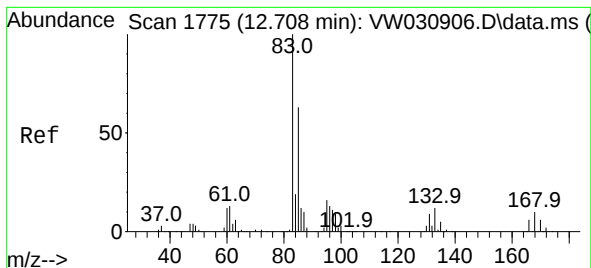
Tgt Ion:104 Resp: 375482

Ion Ratio Lower Upper

104 100

78 43.8 31.8 59.0

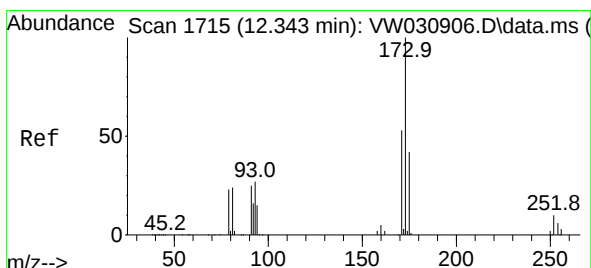
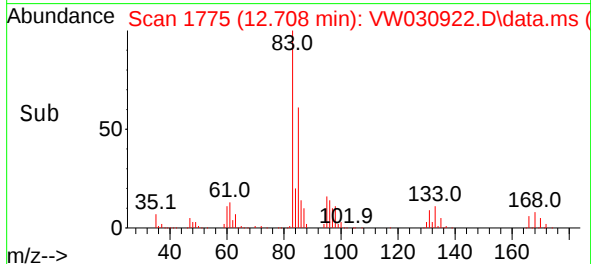
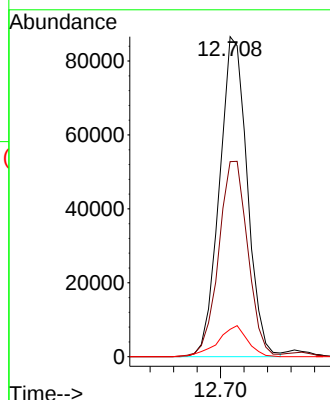
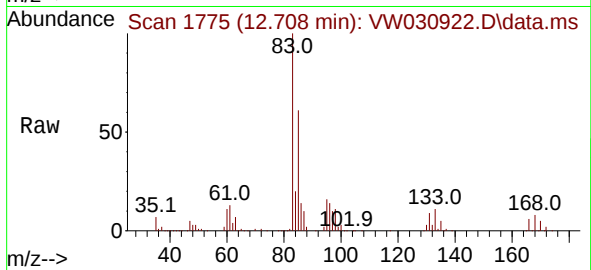




#57
1,1,2,2-Tetrachloroethane
Concen: 37.988 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW030922.D
Acq: 04 Nov 2024 21:50

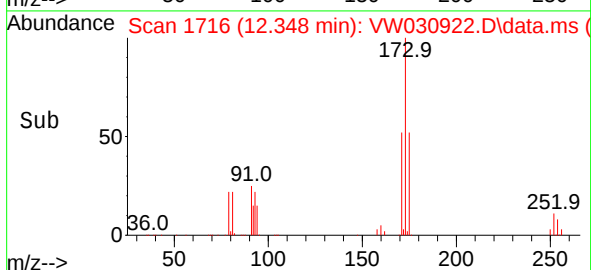
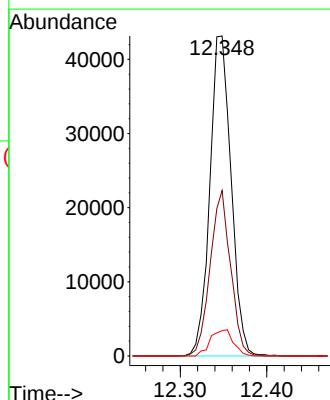
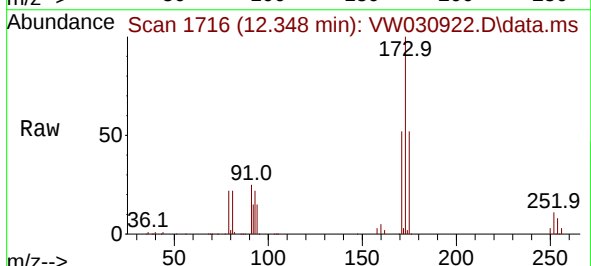
Instrument :
MSVOA_W
ClientSampleId :

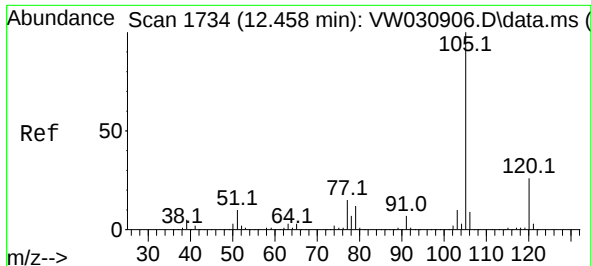
Tgt Ion: 83 Resp: 142184
Ion Ratio Lower Upper
83 100
85 60.9 45.1 83.7
131 8.6 7.7 11.5



#59
Bromoform
Concen: 39.548 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW030922.D
Acq: 04 Nov 2024 21:50

Tgt Ion:173 Resp: 73714
Ion Ratio Lower Upper
173 100
175 49.4 39.3 58.9
254 8.8 7.8 11.6





#60

Isopropylbenzene

Concen: 24.911 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

Instrument :

MSVOA_W

ClientSampleId :

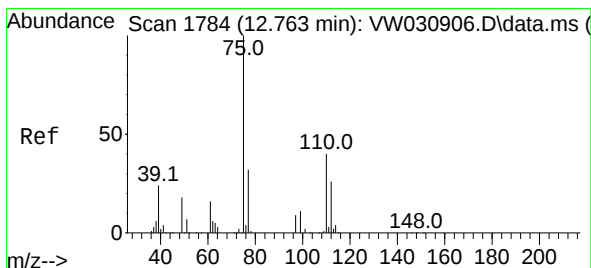
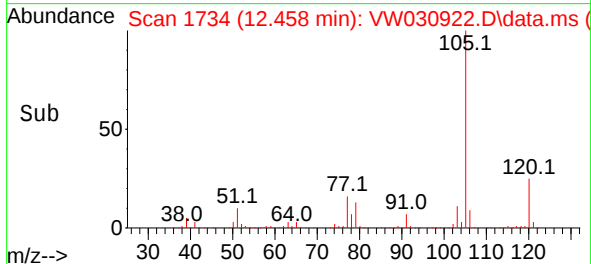
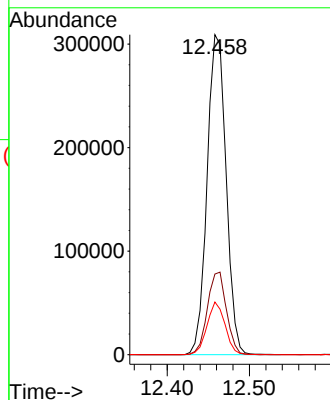
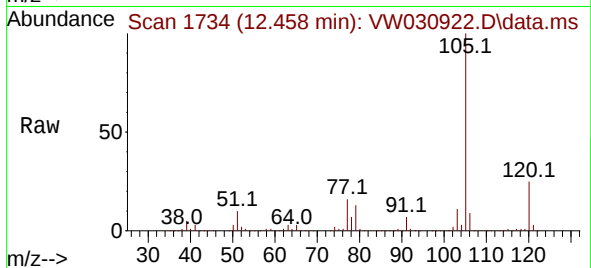
Tgt Ion:105 Resp: 496011

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

77 15.7 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 41.207 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

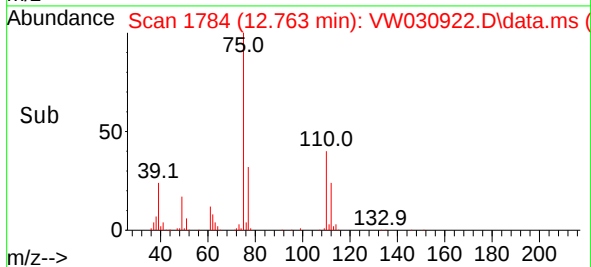
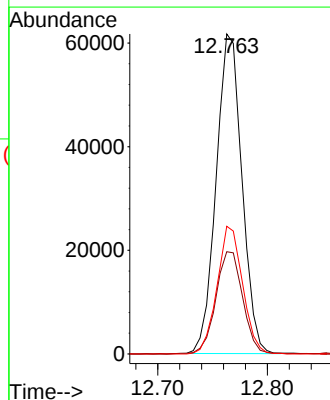
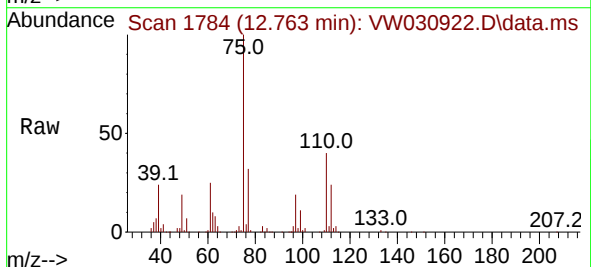
Tgt Ion: 75 Resp: 100844

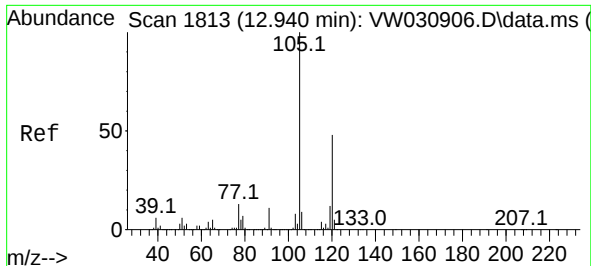
Ion Ratio Lower Upper

75 100

77 33.4 26.2 39.2

110 39.5 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 24.824 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

Instrument :

MSVOA_W

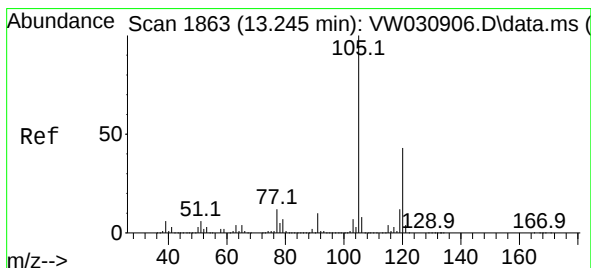
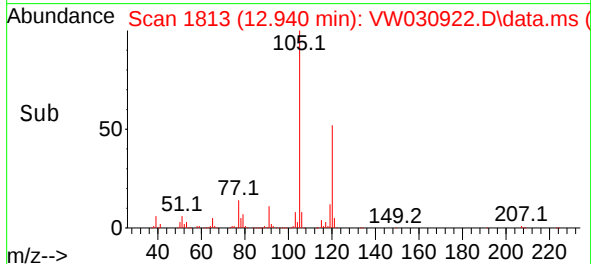
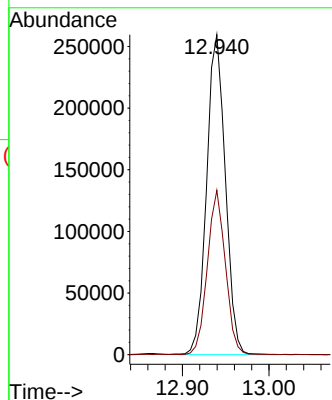
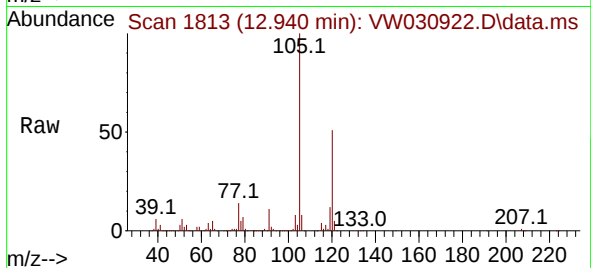
ClientSampleId :

Tgt Ion:105 Resp: 389165

Ion Ratio Lower Upper

105 100

120 49.6 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 25.900 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW030922.D

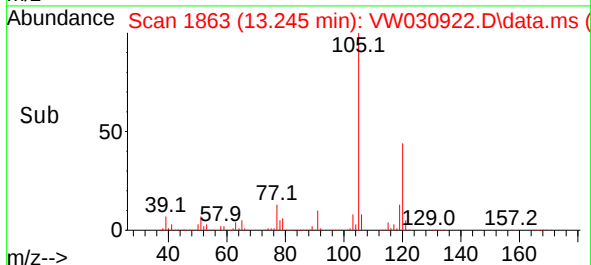
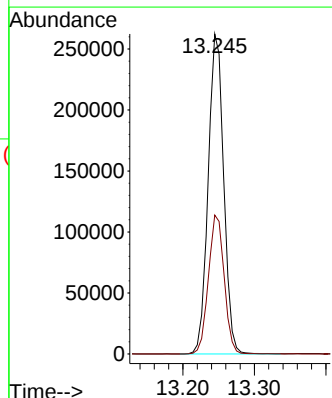
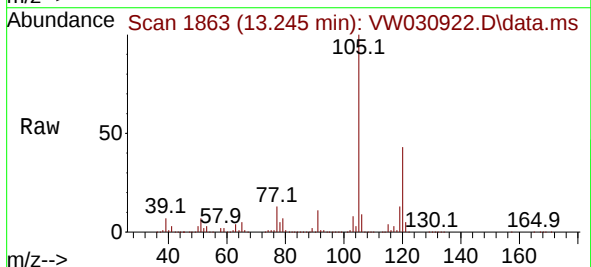
Acq: 04 Nov 2024 21:50

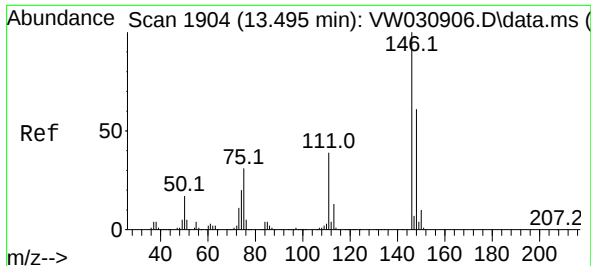
Tgt Ion:105 Resp: 395418

Ion Ratio Lower Upper

105 100

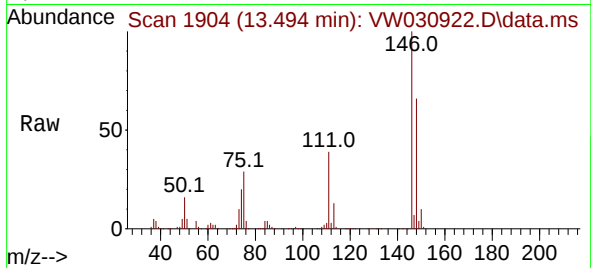
120 44.1 35.9 53.9



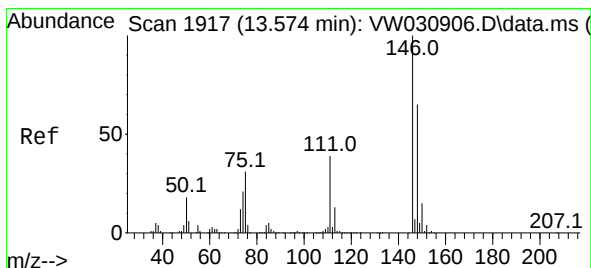
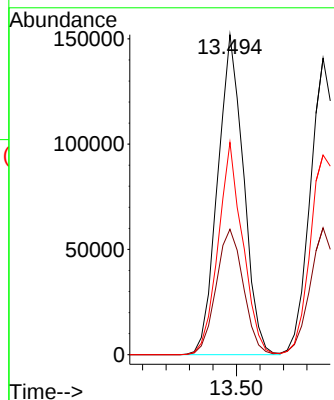
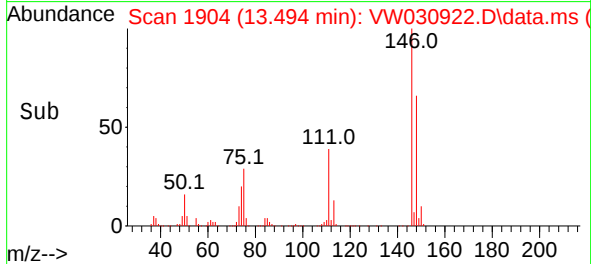


#64
1,3-Dichlorobenzene
Concen: 26.630 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030922.D
Acq: 04 Nov 2024 21:50

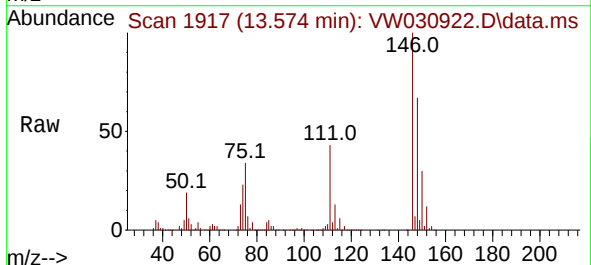
Instrument :
MSVOA_W
ClientSampleId :



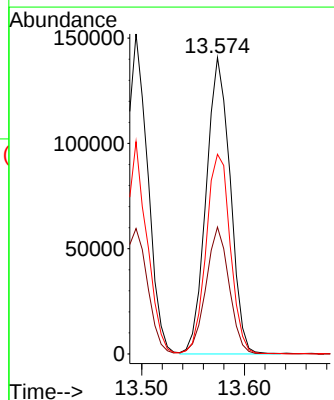
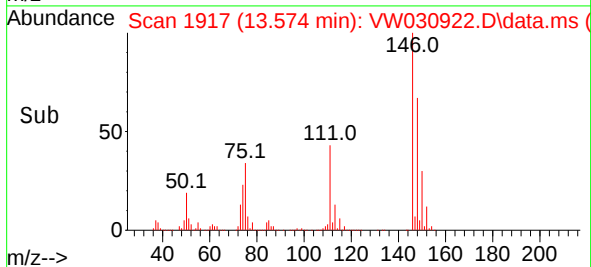
Tgt Ion:146 Resp: 232824
Ion Ratio Lower Upper
146 100
111 39.2 26.8 49.8
148 66.3 41.8 77.6

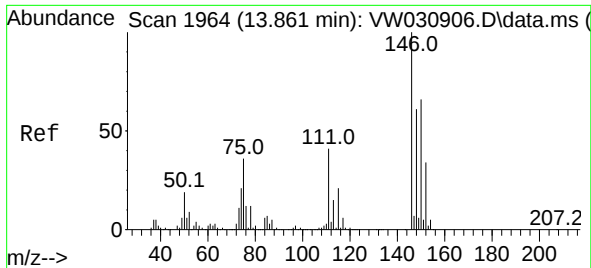


#65
1,4-Dichlorobenzene
Concen: 25.509 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030922.D
Acq: 04 Nov 2024 21:50



Tgt Ion:146 Resp: 228965
Ion Ratio Lower Upper
146 100
111 42.8 27.6 51.4
148 67.3 41.6 77.2





#67

1,2-Dichlorobenzene

Concen: 28.946 ug/L

RT: 13.866 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

Instrument :

MSVOA_W

ClientSampleId :

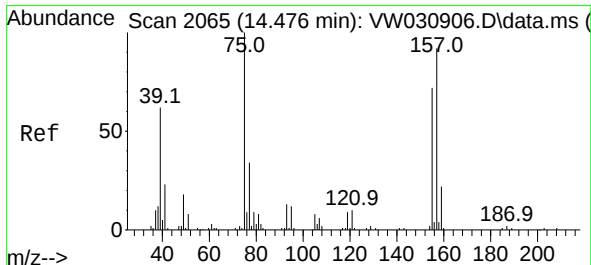
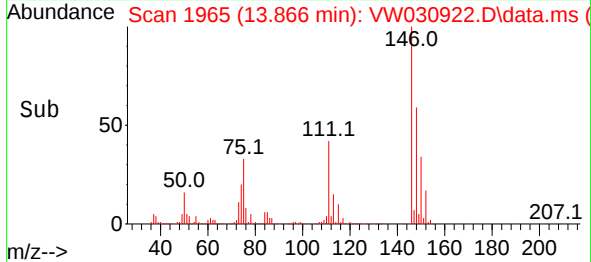
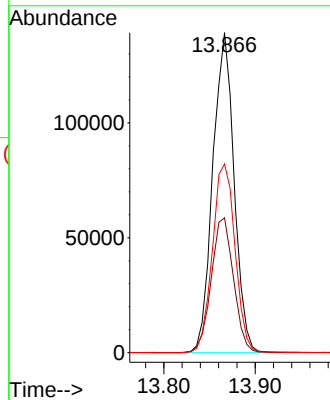
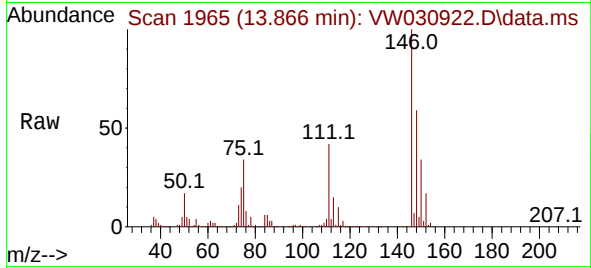
Tgt Ion:146 Resp: 225549

Ion Ratio Lower Upper

146 100

111 42.2 34.3 51.5

148 59.0 48.0 72.0



#68

1,2-Dibromo-3-chloropropane

Concen: 44.951 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

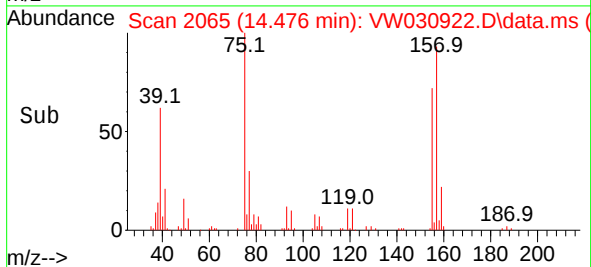
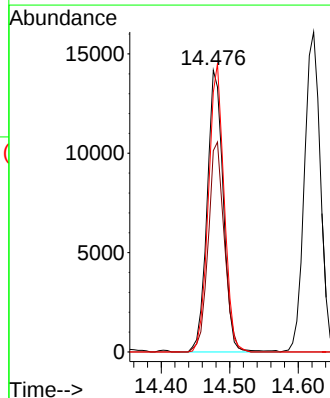
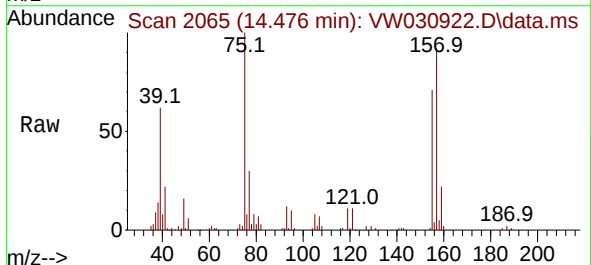
Tgt Ion: 75 Resp: 23290

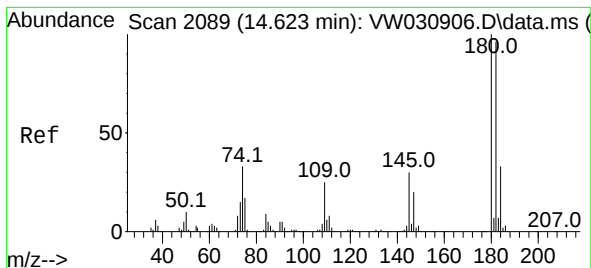
Ion Ratio Lower Upper

75 100

155 71.5 56.2 84.2

157 92.2 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 25.923 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

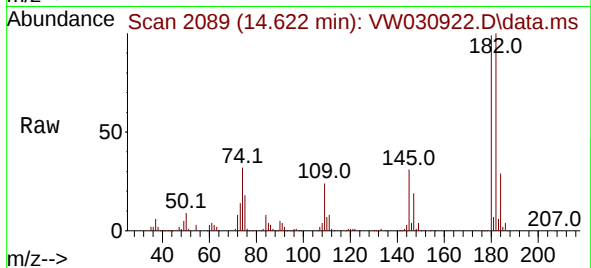
Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 150396

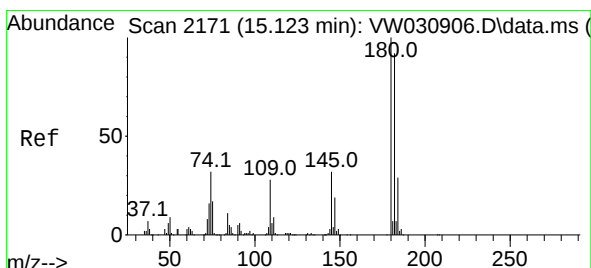
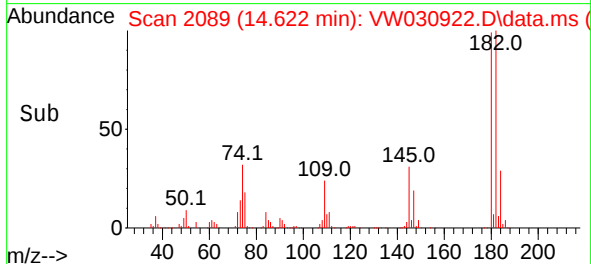
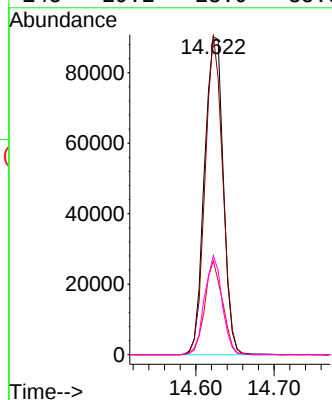
Ion Ratio Lower Upper

180 100

182 93.8 76.6 114.8

184 27.8 23.9 35.9

145 29.2 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 26.506 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030922.D

Acq: 04 Nov 2024 21:50

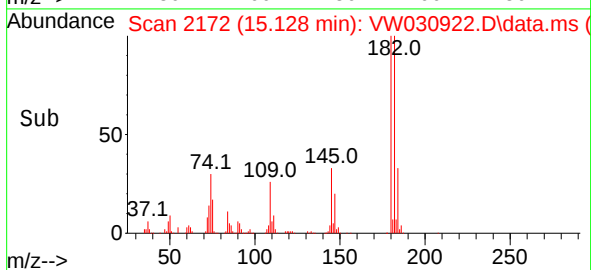
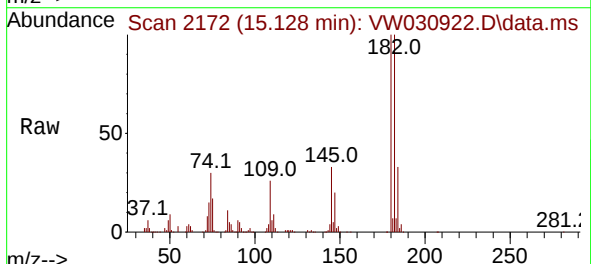
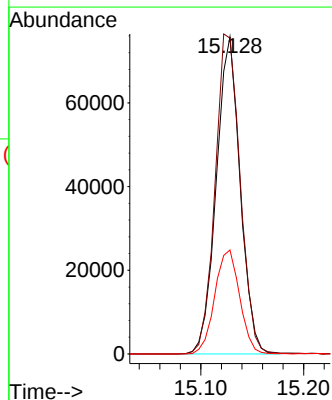
Tgt Ion:180 Resp: 122106

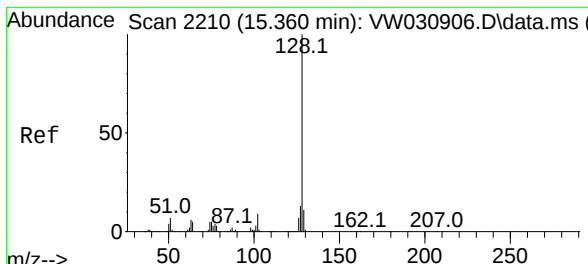
Ion Ratio Lower Upper

180 100

182 105.4 74.5 111.7

145 34.1 24.2 36.2



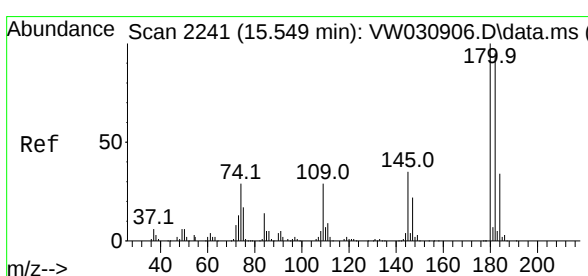
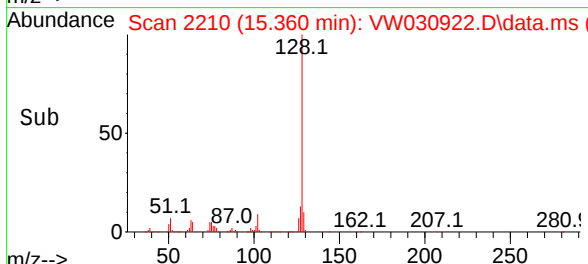
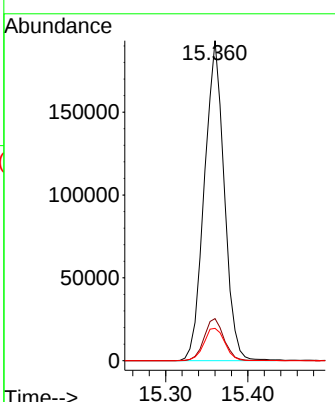
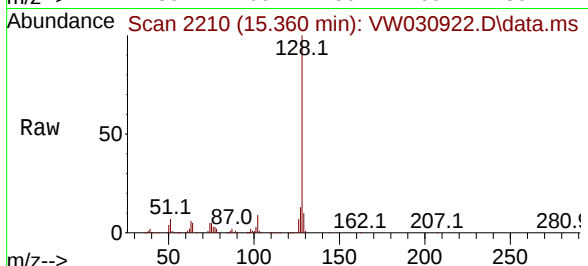


#71
Naphthalene
Concen: 43.340 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW030922.D
Acq: 04 Nov 2024 21:50

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 323669

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.7	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 33.384 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW030922.D
Acq: 04 Nov 2024 21:50

Tgt Ion:180 Resp: 132544

Ion	Ratio	Lower	Upper
180	100		
182	93.7	79.2	118.8
145	32.5	27.0	40.6

