

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030918.D
 Acq On : 04 Nov 2024 20:13
 Operator : SY/MD
 Sample : P4622-13MS
 Misc : 4.61g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 05 00:43:18 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	8.837	114	587794	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	505322	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	225915	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	194991	20.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.920%
7) Chloroethane-d5	2.893	69	153832	20.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.240%
11) 1,1-Dichloroethene-d2	4.021	65	79281	19.930	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.720%
21) 2-Butanone-d5	7.075	46	104450	65.838	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.680%
24) Chloroform-d	7.648	84	367197	21.191	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.760%
26) 1,2-Dichloroethane-d4	8.307	65	206924	24.017	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.080%
32) Benzene-d6	8.270	84	709701	22.607	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.440%
36) 1,2-Dichloropropane-d6	9.270	67	216346	23.377	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.520%
41) Toluene-d8	10.318	98	592906	21.056	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.240%
43) trans-1,3-Dichloroprop...	10.575	79	90731	24.187	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.760%
47) 2-Hexanone-d5	10.922	63	86273	71.931	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.860%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	189238	29.350	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	181452	22.050	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	90083	14.388	ug/L	92
3) Chloromethane	2.222	50	141830	16.811	ug/L	99
5) Vinyl chloride	2.375	62	163769	16.379	ug/L	96
6) Bromomethane	2.783	94	106003	16.147	ug/L	98
8) Chloroethane	2.930	64	97587	16.100	ug/L	96
9) Trichlorofluoromethane	3.259	101	145574	15.954	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	133419	15.883	ug/L	96
13) Acetone	4.118	43	97858	50.504	ug/L	97
14) Carbon disulfide	4.393	76	389658	15.601	ug/L	99
15) Methyl Acetate	4.673	43	69010	24.281	ug/L	99
16) Methylene chloride	4.917	84	141604	17.040	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	142028	17.040	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	233004	20.712	ug/L	99
19) 1,1-Dichloroethane	6.216	63	267327	17.187	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	156102	17.654	ug/L	96
22) 2-Butanone	7.167	43	122533	56.470	ug/L	99
23) Bromochloromethane	7.514	128	73161	18.893	ug/L	96
25) Chloroform	7.673	83	283506	17.324	ug/L	95
27) 1,2-Dichloroethane	8.398	62	192471	18.884	ug/L	99

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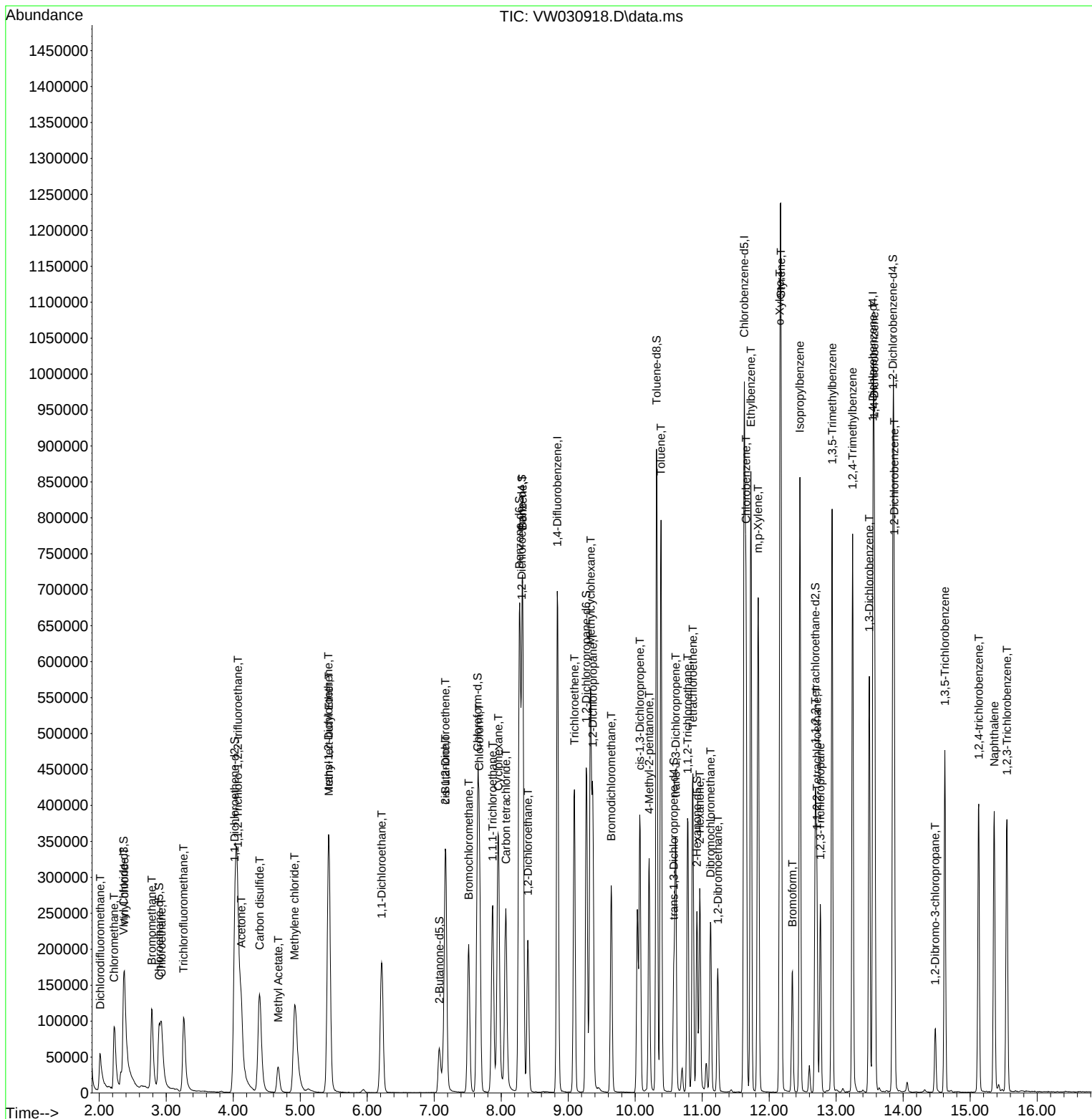
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 ClientSampleId :

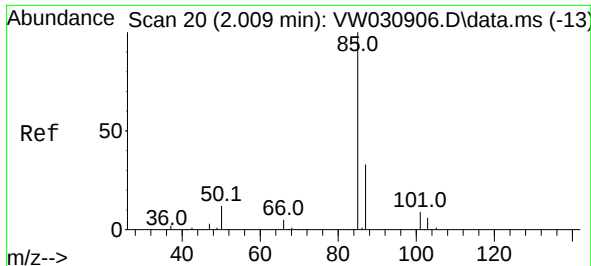
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	212115	17.516	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	216835	16.705	ug/L	99
31) Carbon tetrachloride	8.069	117	193658	16.603	ug/L	99
33) Benzene	8.319	78	587107	18.026	ug/L	100
34) Trichloroethene	9.093	95	148239	16.505	ug/L	95
35) Methylcyclohexane	9.337	83	235806	16.565	ug/L	97
37) 1,2-Dichloropropane	9.367	63	152299	18.710	ug/L	99
38) Bromodichloromethane	9.642	83	198395	18.559	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	235314	19.325	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	207453	55.728	ug/L	99
42) Toluene	10.386	91	592995	17.193	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	201367	19.906	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	120157	20.565	ug/L	98
46) Tetrachloroethene	10.861	164	102780	14.969	ug/L	96
48) 2-Hexanone	10.965	43	173368	61.215	ug/L	98
49) Dibromochloromethane	11.123	129	128522	20.175	ug/L	98
50) 1,2-Dibromoethane	11.233	107	116995	21.714	ug/L #	93
51) Chlorobenzene	11.654	112	358720	16.251	ug/L	98
52) Ethylbenzene	11.727	91	592330	15.199	ug/L	100
53) m,p-Xylene	11.836	106	214847	14.658	ug/L	84
54) o-Xylene	12.160	106	214498	15.904	ug/L	99
55) Styrene	12.178	104	390072	16.928	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	148355	23.267	ug/L	98
59) Bromoform	12.349	173	76376	23.676	ug/L	99
60) Isopropylbenzene	12.458	105	543766	15.779	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	107691	25.426	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	418581	15.427	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	405726	15.355	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	239940	15.857	ug/L	88
65) 1,4-Dichlorobenzene	13.568	146	244076	15.712	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	235012	17.427	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	24275	27.071	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	137619	13.706	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	127274	15.963	ug/L	99
71) Naphthalene	15.360	128	333513	25.804	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	127671	18.580	ug/L	97

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

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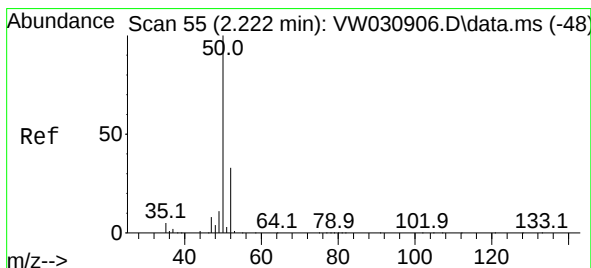
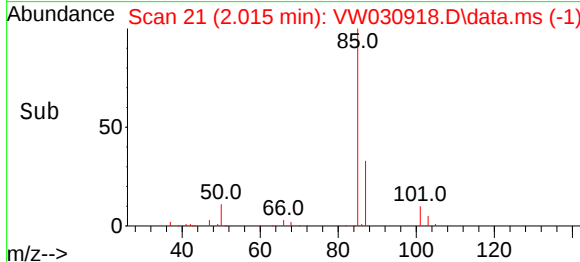
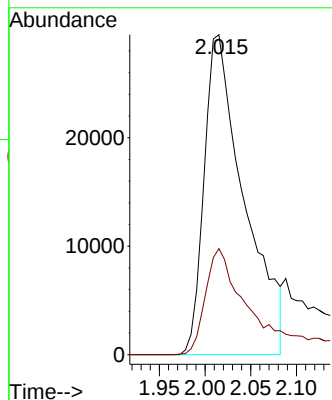
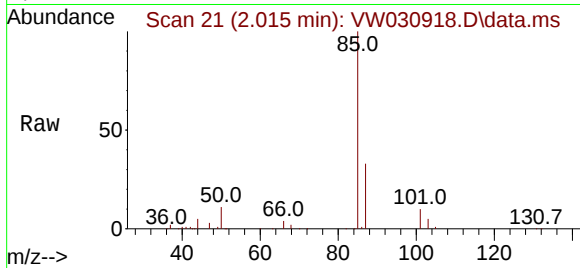




#2
 Dichlorodifluoromethane
 Concen: 14.388 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW030918.D
 Acq: 04 Nov 2024 20:13

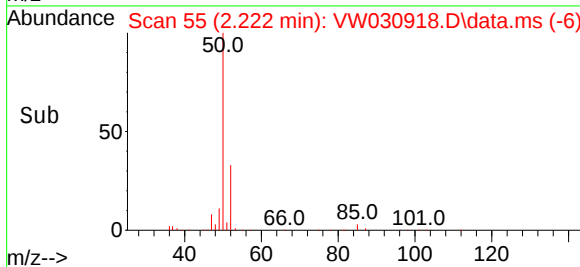
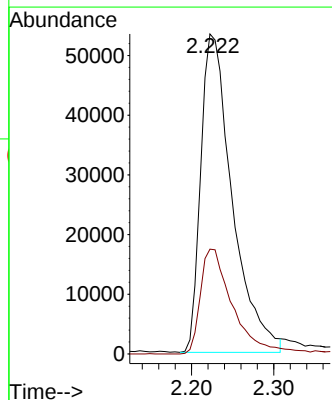
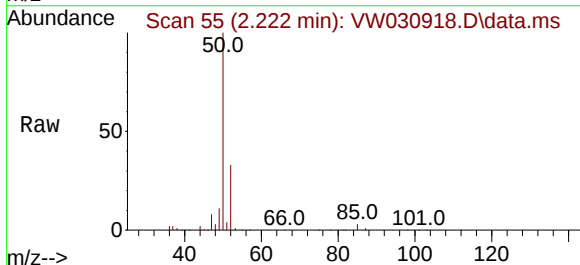
Instrument :
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 ClientSampleId :

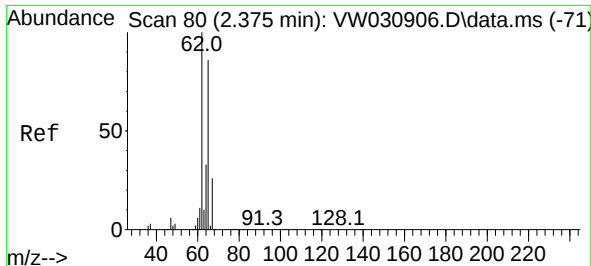
Tgt Ion: 85 Resp: 90083
 Ion Ratio Lower Upper
 85 100
 87 34.6 24.2 36.4



#3
 Chloromethane
 Concen: 16.811 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW030918.D
 Acq: 04 Nov 2024 20:13

Tgt Ion: 50 Resp: 141830
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.5 41.9

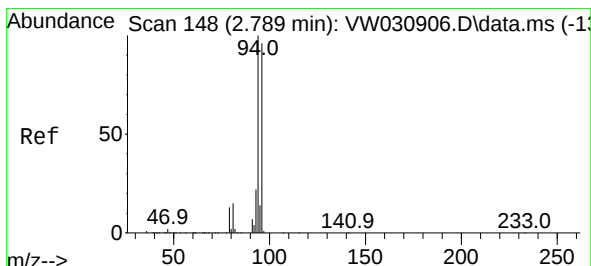
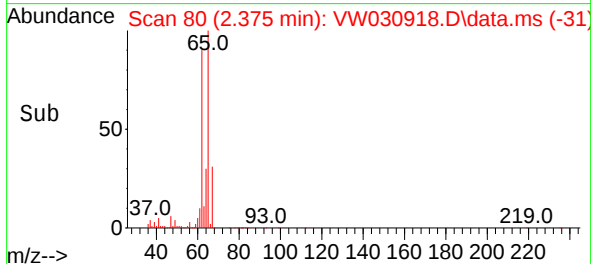
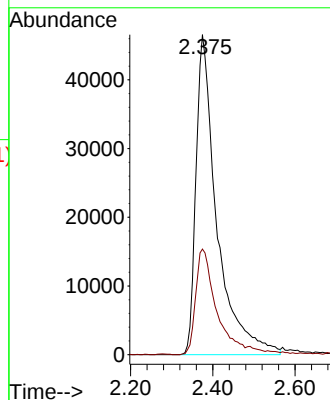
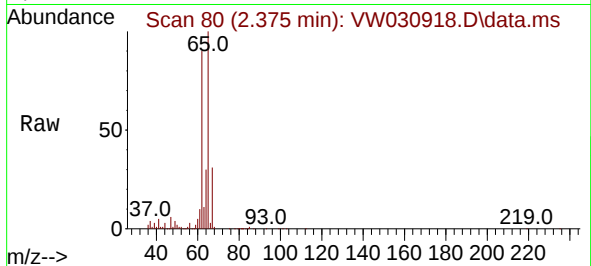




#5
 Vinyl chloride
 Concen: 16.379 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030918.D
 Acq: 04 Nov 2024 20:13

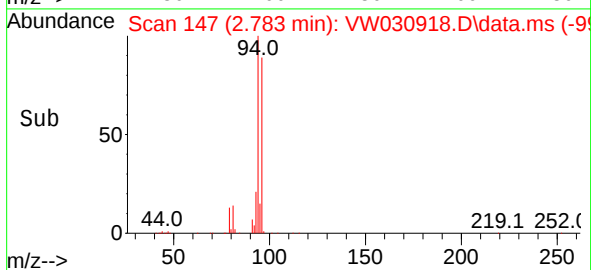
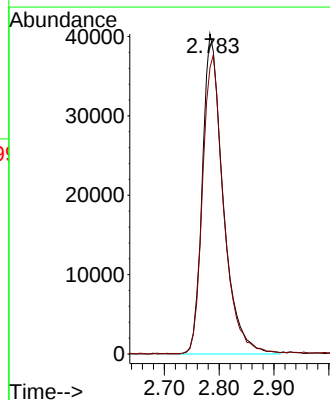
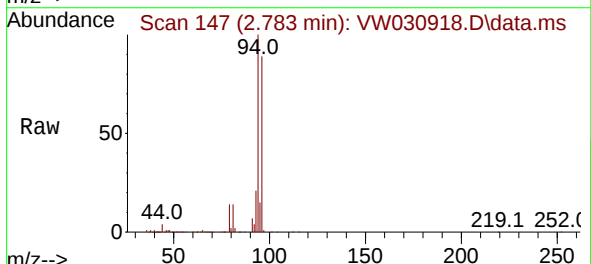
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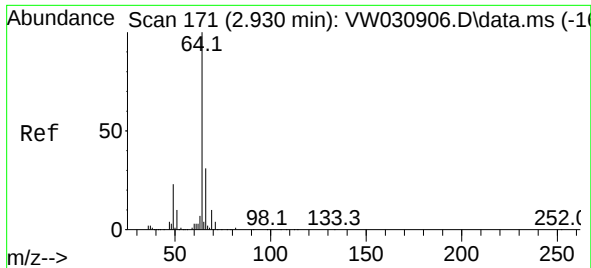
Tgt Ion: 62 Resp: 163769
 Ion Ratio Lower Upper
 62 100
 64 33.0 21.7 40.3



#6
 Bromomethane
 Concen: 16.147 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW030918.D
 Acq: 04 Nov 2024 20:13

Tgt Ion: 94 Resp: 106003
 Ion Ratio Lower Upper
 94 100
 96 89.4 61.6 114.4

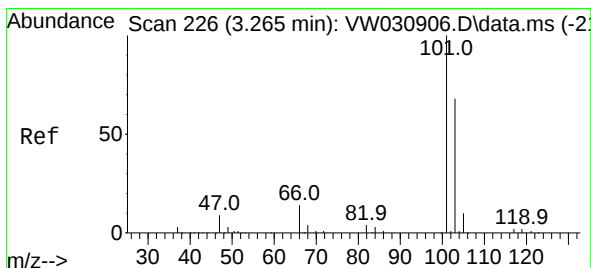
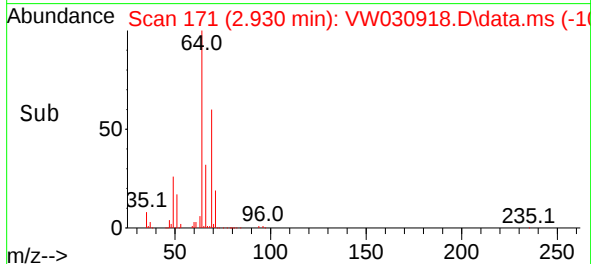
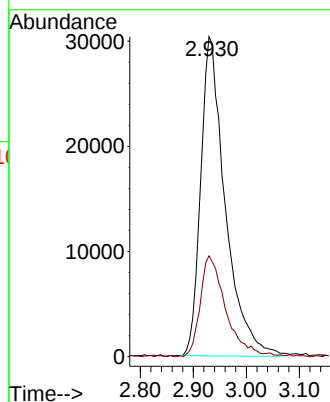
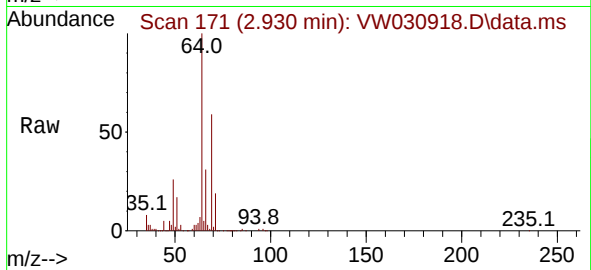




#8
Chloroethane
Concen: 16.100 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW030918.D
Acq: 04 Nov 2024 20:13

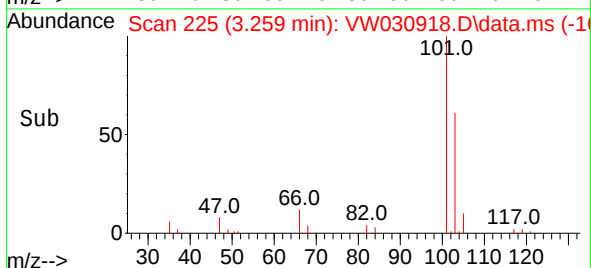
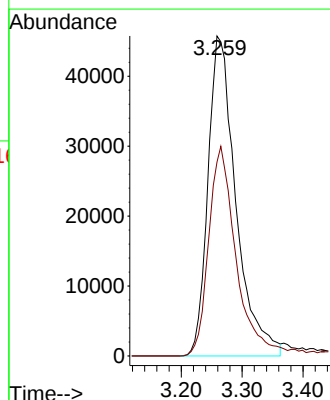
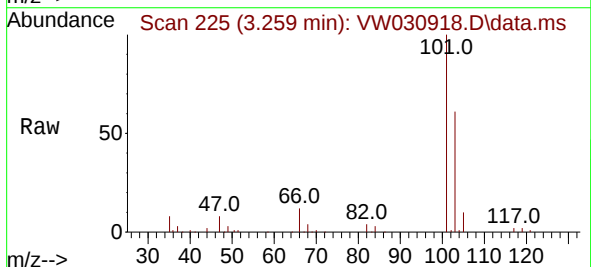
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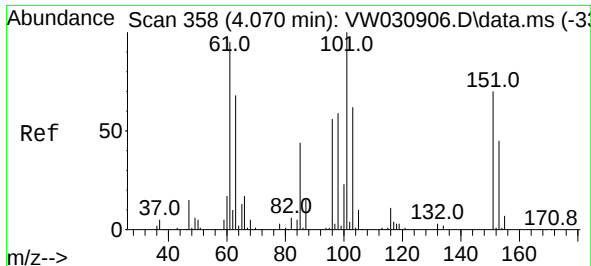
Tgt Ion: 64 Resp: 97587
Ion Ratio Lower Upper
64 100
66 31.5 23.5 43.7



#9
Trichlorofluoromethane
Concen: 15.954 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW030918.D
Acq: 04 Nov 2024 20:13

Tgt Ion:101 Resp: 145574
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.6





#10

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

Concen: 15.883 ug/L

RT: 4.070 min Scan# 358

Delta R.T. -0.000 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

Instrument :

MSVOA_W

ClientSampleId :

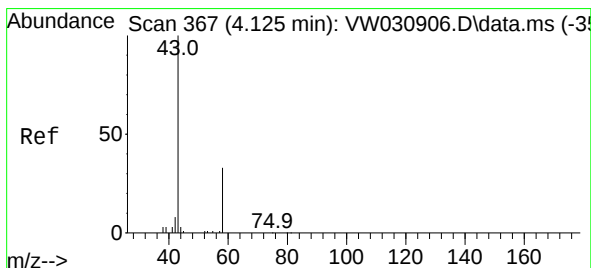
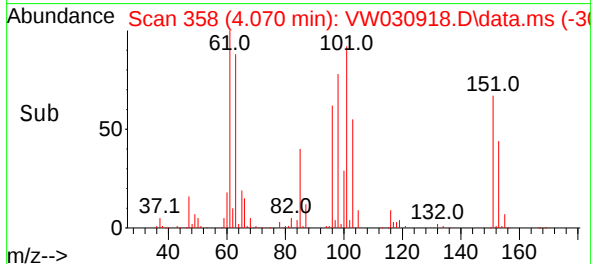
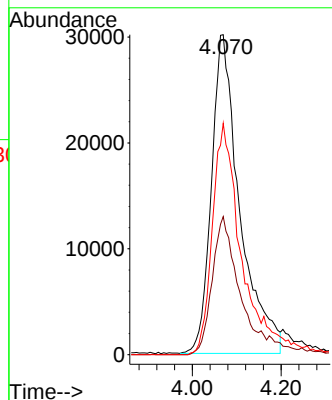
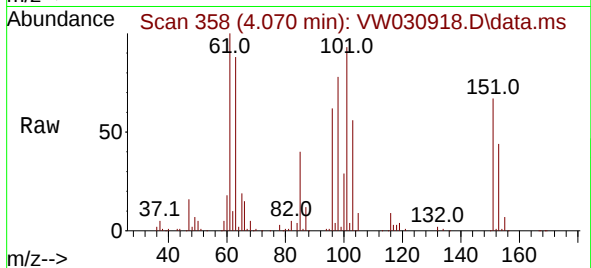
Tgt Ion:101 Resp: 133419

Ion Ratio Lower Upper

101 100

85 39.2 32.9 49.3

151 67.6 51.0 76.6



#13

Acetone

Concen: 50.504 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.006 min

Lab File: VW030918.D

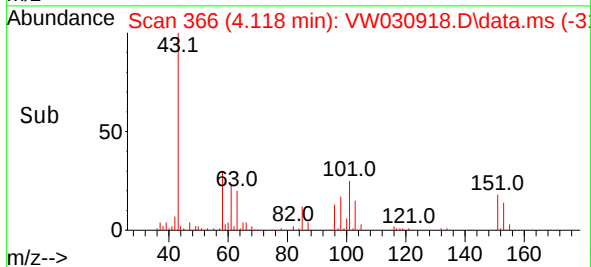
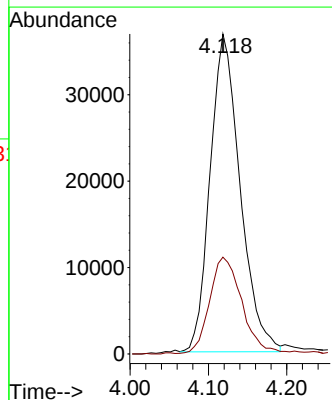
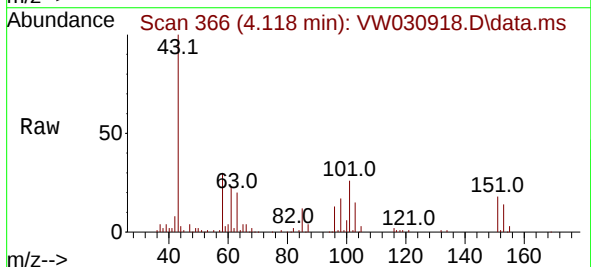
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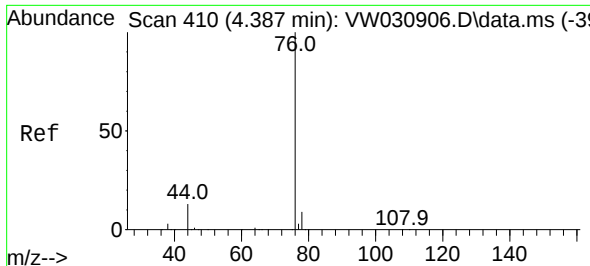
Tgt Ion: 43 Resp: 97858

Ion Ratio Lower Upper

43 100

58 32.9 0.0 62.6

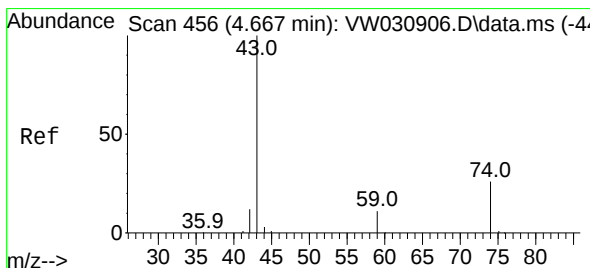
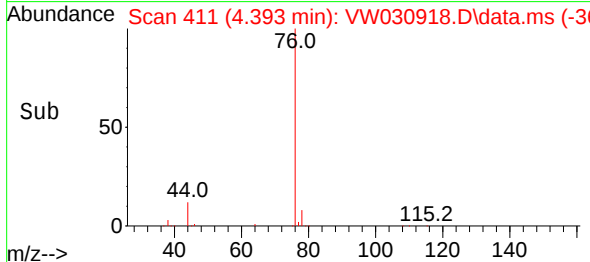
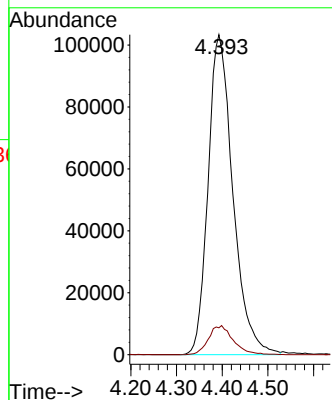
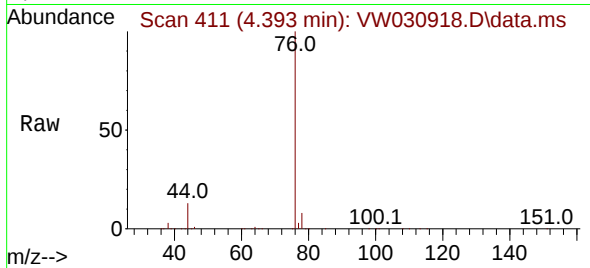




#14
Carbon disulfide
Concen: 15.601 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW030918.D
Acq: 04 Nov 2024 20:13

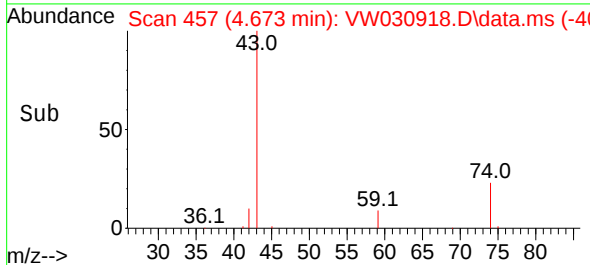
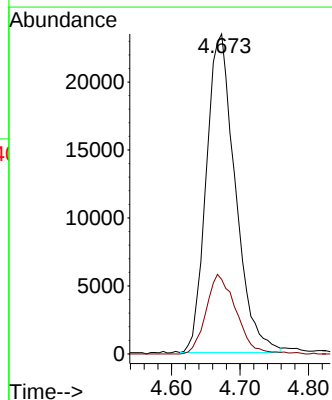
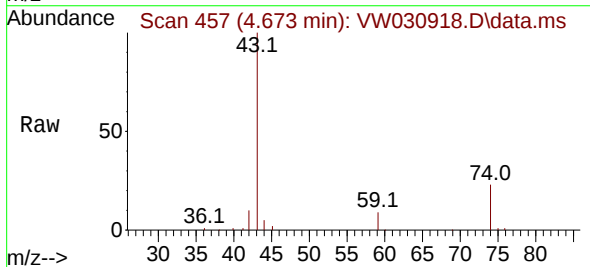
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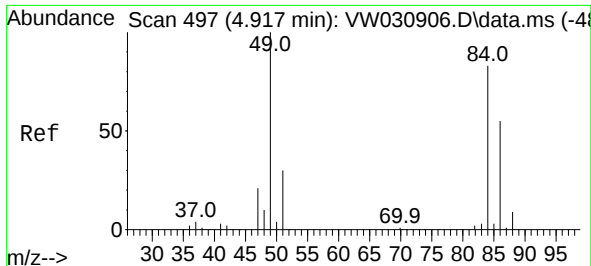
Tgt Ion: 76 Resp: 389658
Ion Ratio Lower Upper
76 100
78 8.4 7.1 10.7



#15
Methyl Acetate
Concen: 24.281 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW030918.D
Acq: 04 Nov 2024 20:13

Tgt Ion: 43 Resp: 69010
Ion Ratio Lower Upper
43 100
74 25.6 20.2 30.2

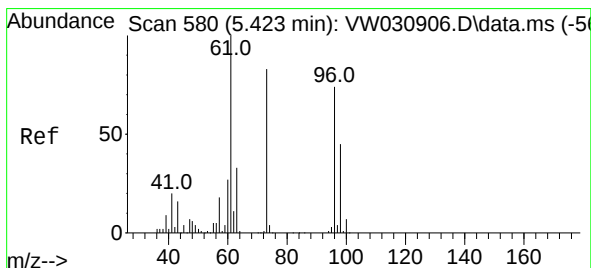
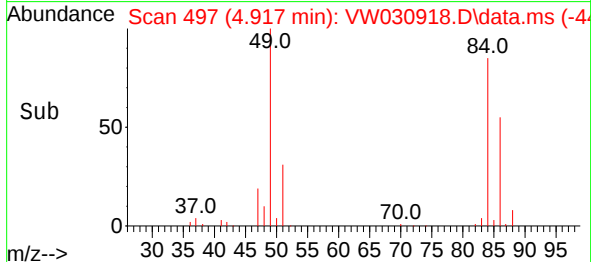
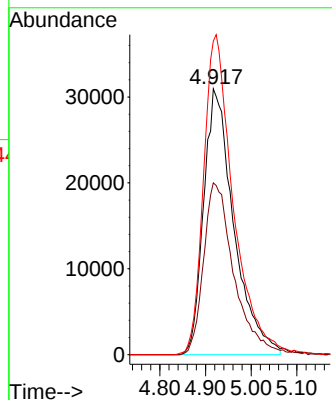
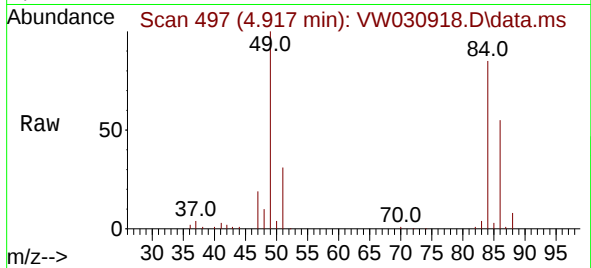




#16
Methylene chloride
Concen: 17.040 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW030918.D
Acq: 04 Nov 2024 20:13

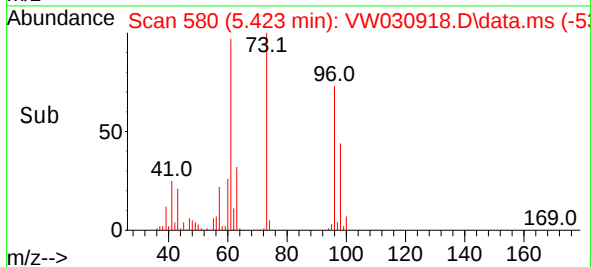
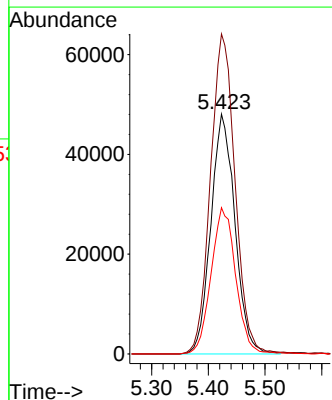
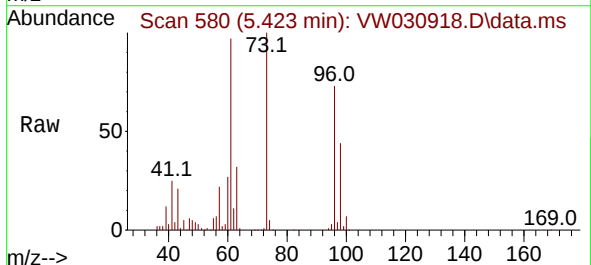
Instrument :
MSVOA_W
ClientSampleId :

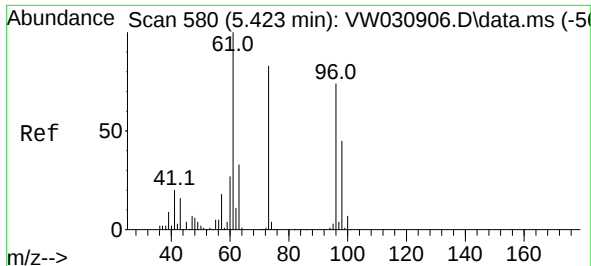
Tgt Ion: 84 Resp: 141604
Ion Ratio Lower Upper
84 100
86 64.6 41.8 77.6
49 117.9 82.8 153.8



#17
trans-1,2-Dichloroethene
Concen: 17.040 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW030918.D
Acq: 04 Nov 2024 20:13

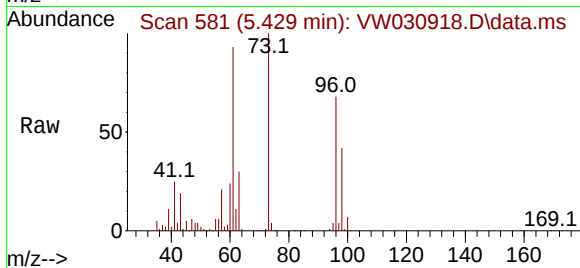
Tgt Ion: 96 Resp: 142028
Ion Ratio Lower Upper
96 100
61 133.5 95.2 176.8
98 61.0 42.6 79.2



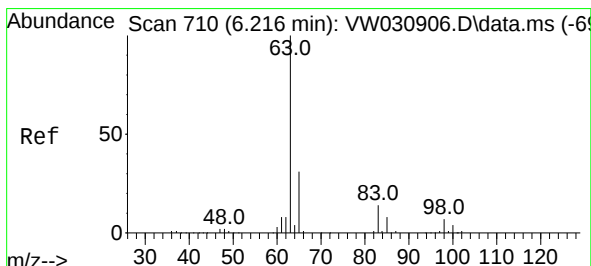
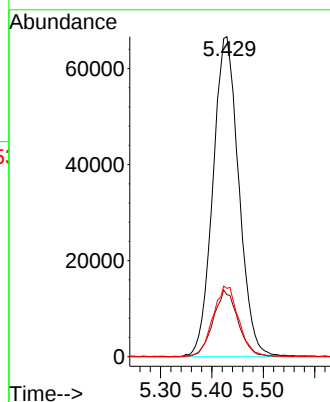
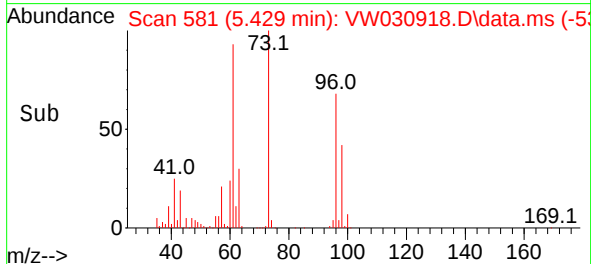


#18
Methyl tert-butyl Ether
Concen: 20.712 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW030918.D
Acq: 04 Nov 2024 20:13

Instrument :
MSVOA_W
ClientSampleId :

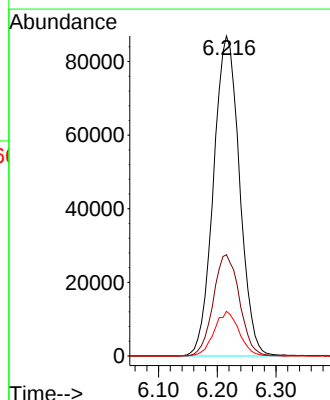
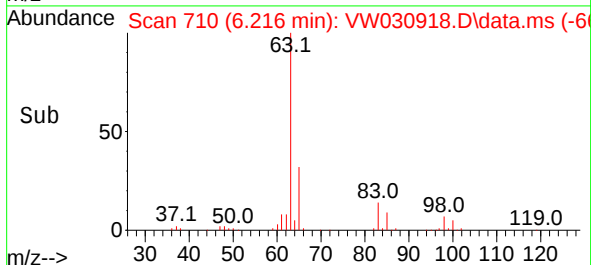
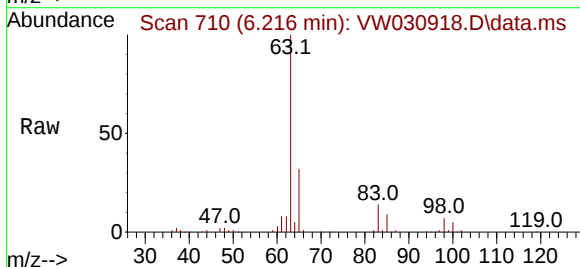


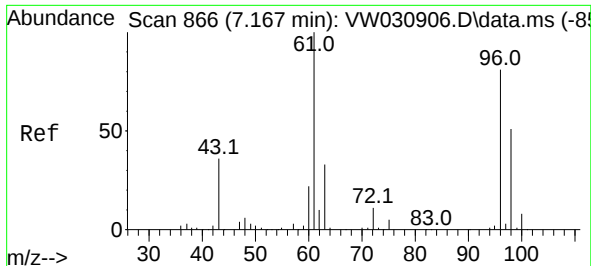
Tgt Ion: 73 Resp: 233004
Ion Ratio Lower Upper
73 100
43 19.8 16.2 24.2
57 22.0 17.3 25.9



#19
1,1-Dichloroethane
Concen: 17.187 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW030918.D
Acq: 04 Nov 2024 20:13

Tgt Ion: 63 Resp: 267327
Ion Ratio Lower Upper
63 100
65 31.6 23.0 42.8
83 14.0 9.8 18.2





#20

cis-1,2-Dichloroethene

Concen: 17.654 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

Instrument :

MSVOA_W

ClientSampleId :

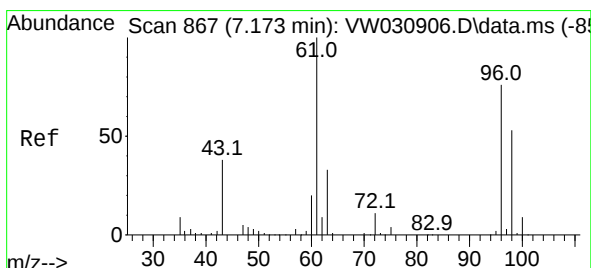
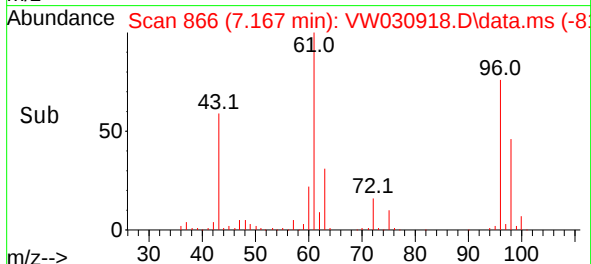
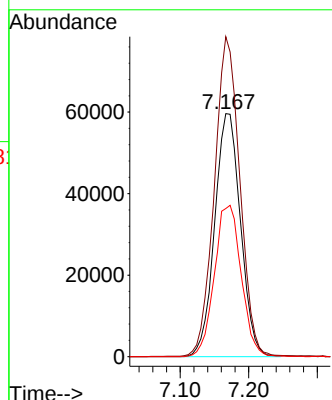
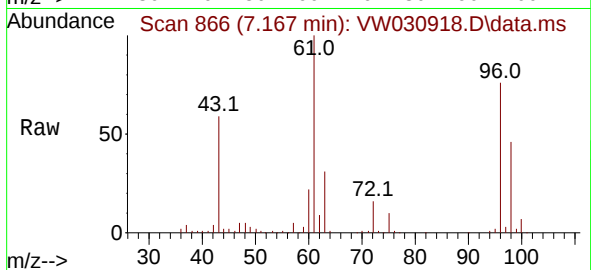
Tgt Ion: 96 Resp: 156102

Ion Ratio Lower Upper

96 100

61 131.6 89.2 165.8

98 61.0 45.1 83.9



#22

2-Butanone

Concen: 56.470 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030918.D

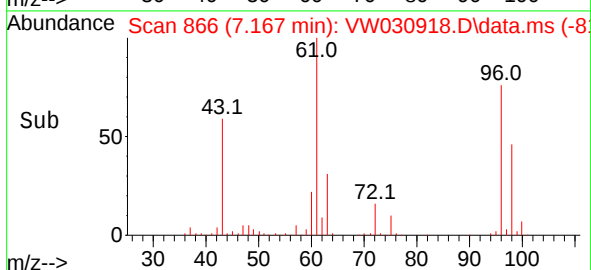
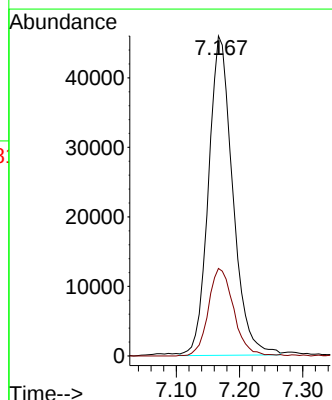
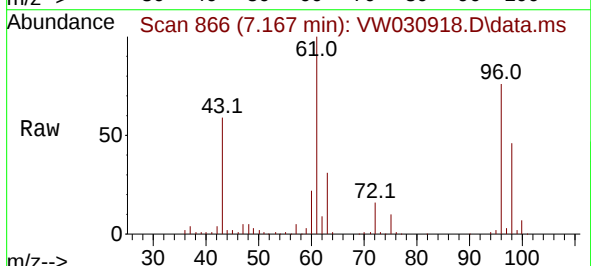
Acq: 04 Nov 2024 20:13

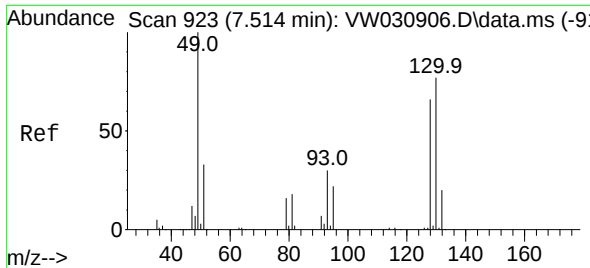
Tgt Ion: 43 Resp: 122533

Ion Ratio Lower Upper

43 100

72 28.4 14.5 43.6

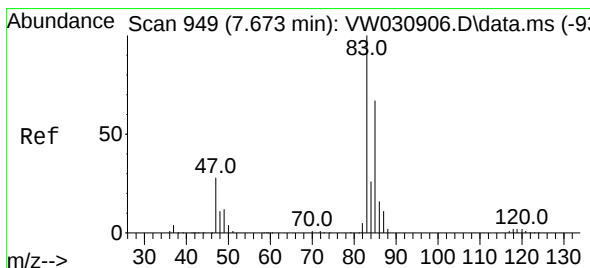
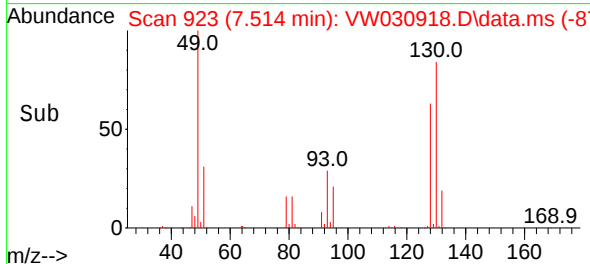
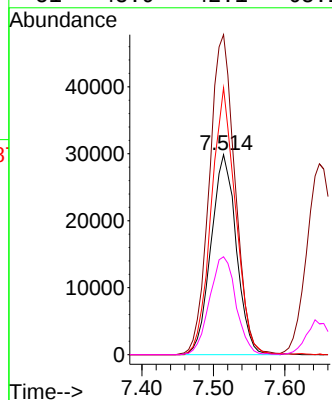
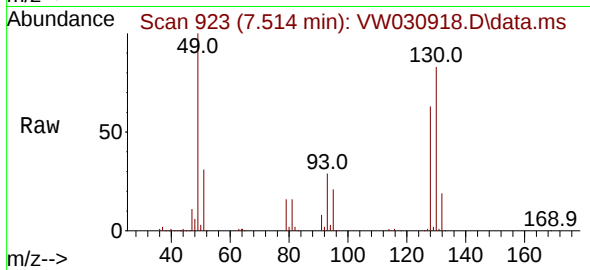




#23
Bromochloromethane
Concen: 18.893 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW030918.D
Acq: 04 Nov 2024 20:13

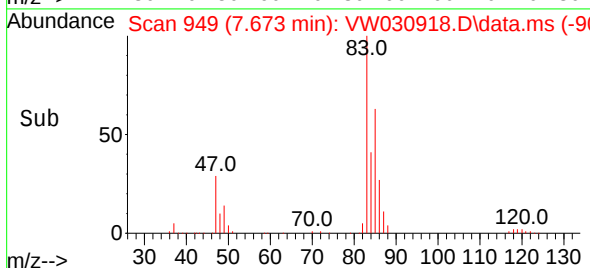
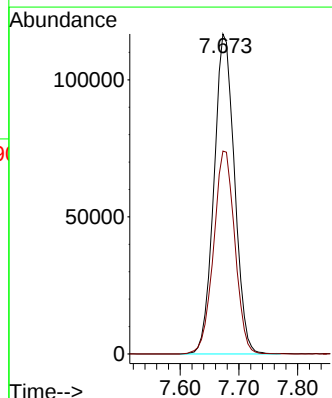
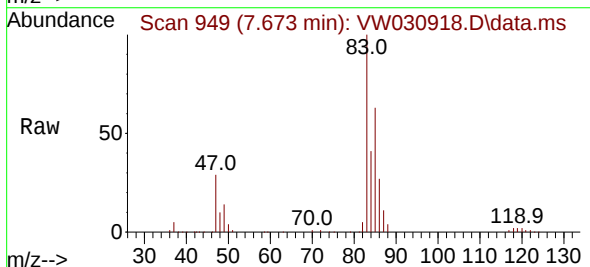
Instrument :
MSVOA_W
ClientSampleId :

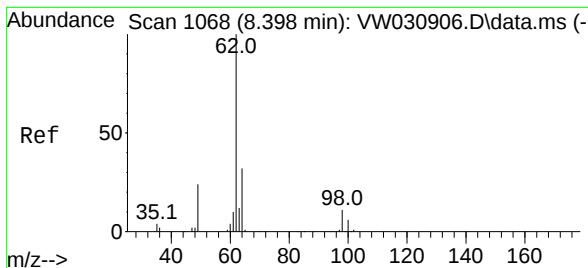
Tgt Ion:128	Resp:	73161
Ion	Ratio	Lower Upper
128	100	
49	160.0	112.4 208.8
130	133.4	86.2 160.0
51	48.9	42.1 63.1



#25
Chloroform
Concen: 17.324 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW030918.D
Acq: 04 Nov 2024 20:13

Tgt Ion: 83	Resp:	283506
Ion	Ratio	Lower Upper
83	100	
85	63.4	47.2 87.6





#27

1,2-Dichloroethane

Concen: 18.884 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

Instrument :

MSVOA_W

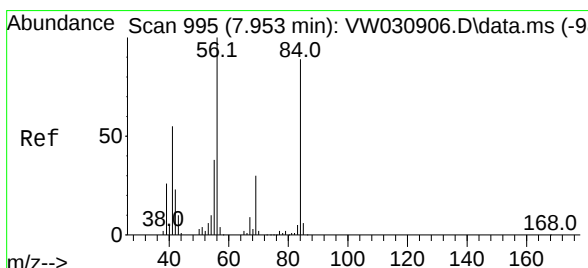
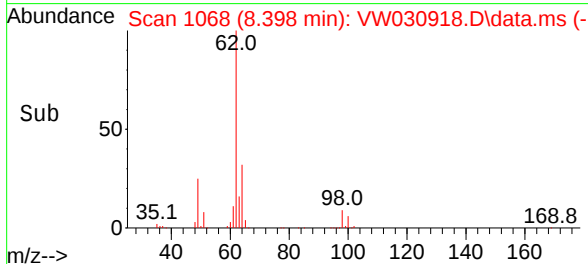
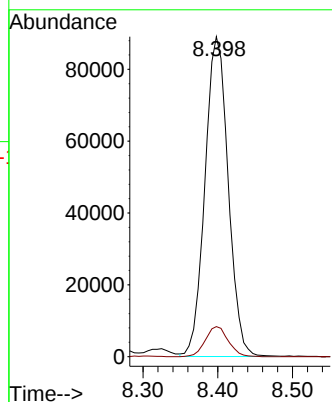
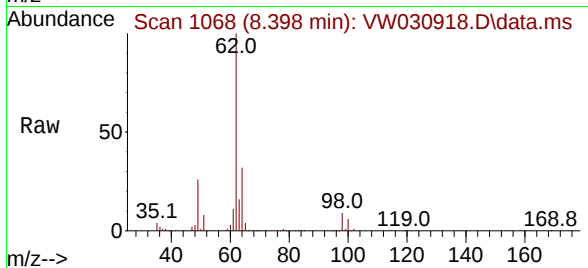
ClientSampleId :

Tgt Ion: 62 Resp: 192471

Ion Ratio Lower Upper

62 100

98 9.4 7.1 10.7



#29

Cyclohexane

Concen: 17.516 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.006 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

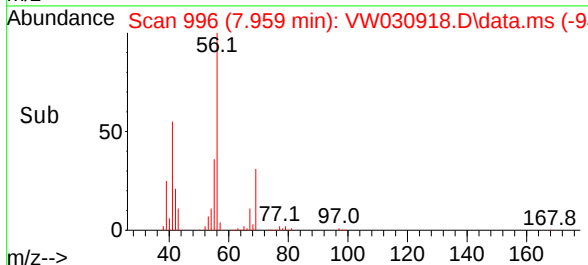
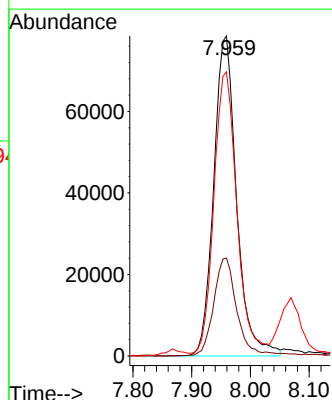
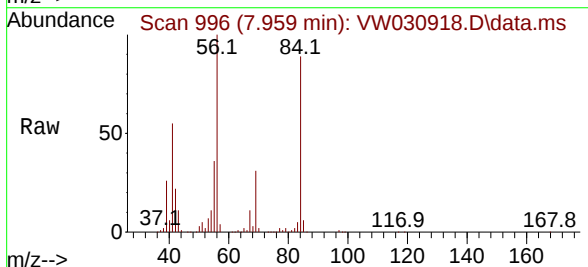
Tgt Ion: 56 Resp: 212115

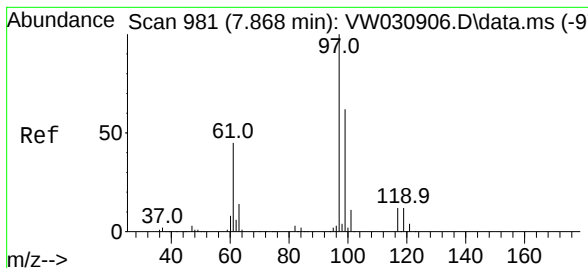
Ion Ratio Lower Upper

56 100

69 29.8 24.8 37.2

84 89.6 69.5 104.3





#30

1,1,1-Trichloroethane

Concen: 16.705 ug/L

RT: 7.874 min Scan# 9

Delta R.T. 0.006 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

Instrument :

MSVOA_W

ClientSampleId :

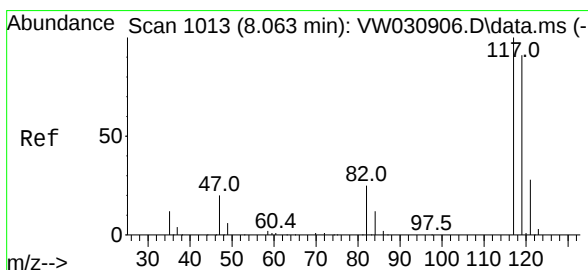
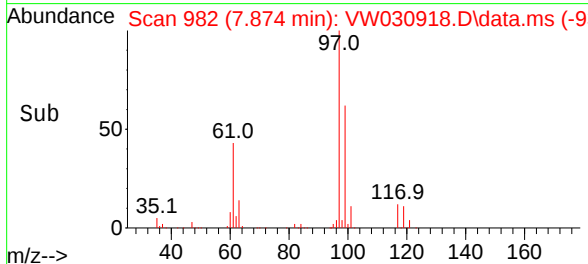
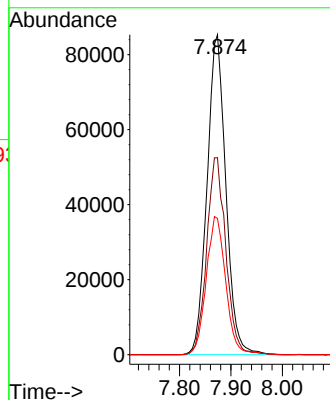
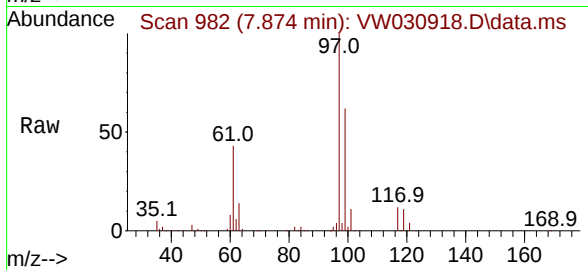
Tgt Ion: 97 Resp: 216835

Ion Ratio Lower Upper

97 100

99 62.9 51.3 76.9

61 44.7 36.2 54.4



#31

Carbon tetrachloride

Concen: 16.603 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW030918.D

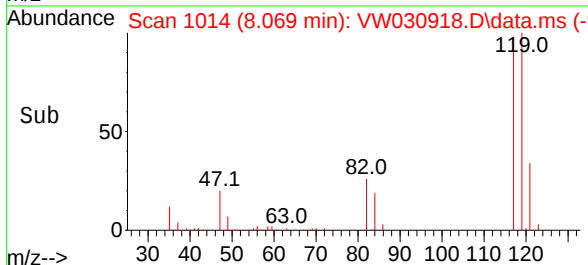
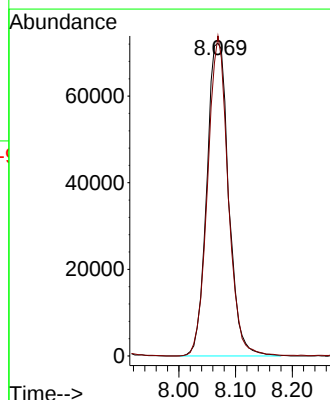
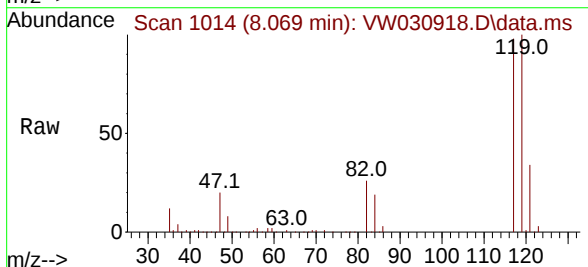
Acq: 04 Nov 2024 20:13

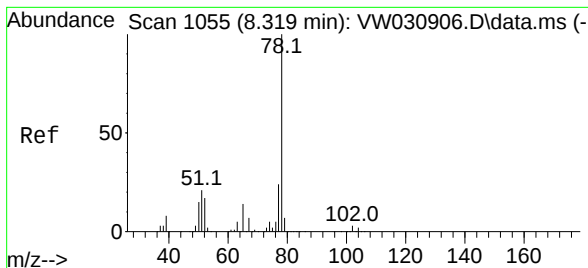
Tgt Ion:117 Resp: 193658

Ion Ratio Lower Upper

117 100

119 95.9 76.2 114.2





#33

Benzene

Concen: 18.026 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW030918.D

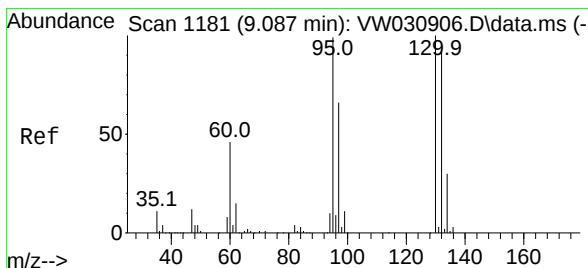
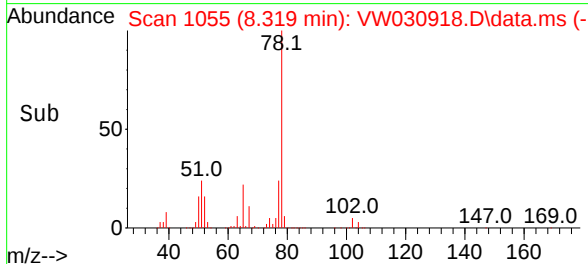
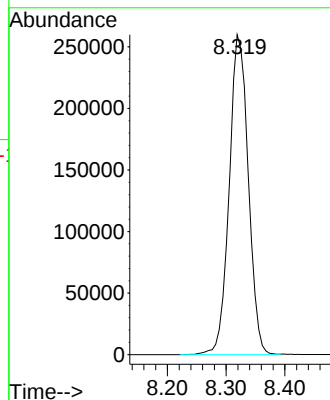
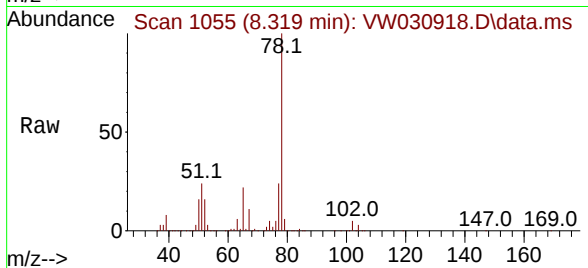
Acq: 04 Nov 2024 20:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 587107



#34

Trichloroethene

Concen: 16.505 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

Tgt Ion: 95 Resp: 148239

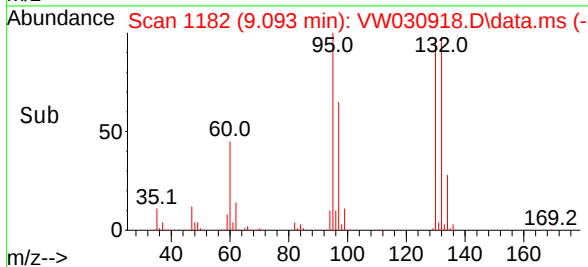
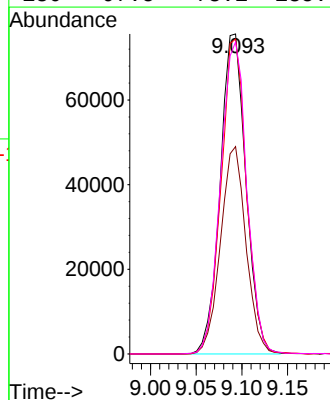
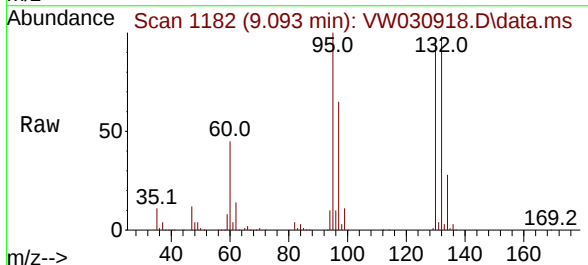
Ion Ratio Lower Upper

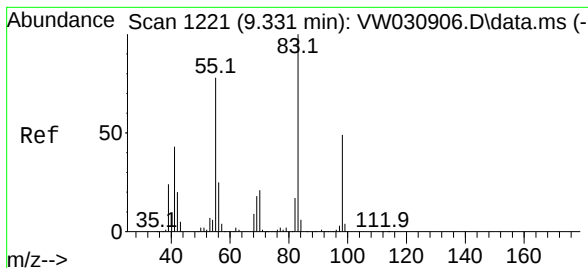
95 100

97 64.8 48.9 90.7

132 98.4 67.7 125.7

130 97.5 73.1 135.8





#35

Methylcyclohexane

Concen: 16.565 ug/L

RT: 9.337 min Scan# 1221

Delta R.T. 0.006 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

Instrument :

MSVOA_W

ClientSampleId :

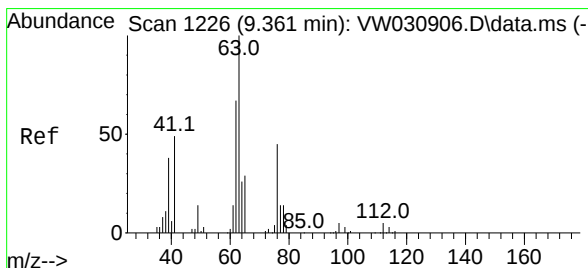
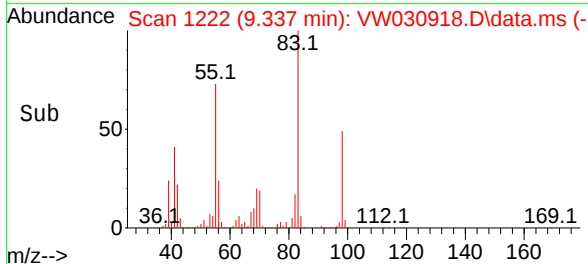
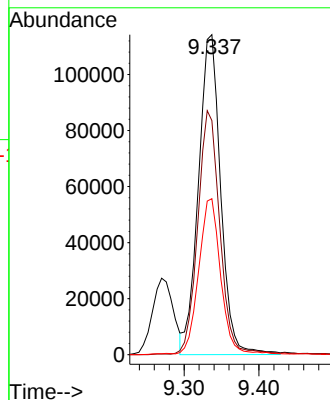
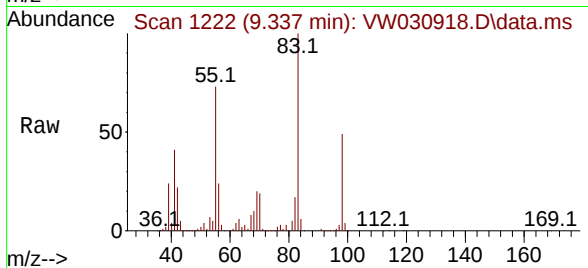
Tgt Ion: 83 Resp: 235806

Ion Ratio Lower Upper

83 100

55 75.5 62.8 94.2

98 48.5 39.4 59.2



#37

1,2-Dichloropropane

Concen: 18.710 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VW030918.D

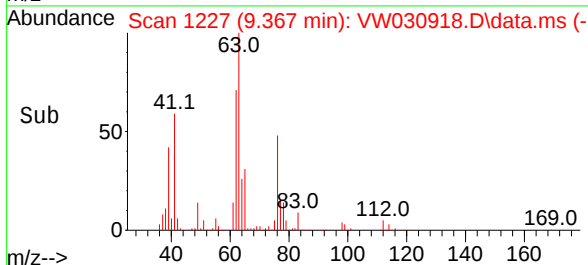
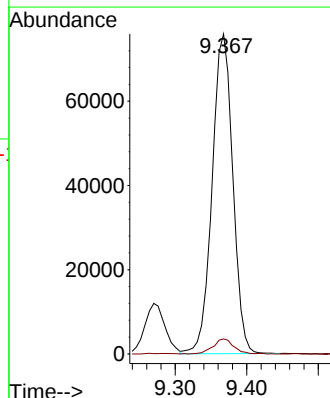
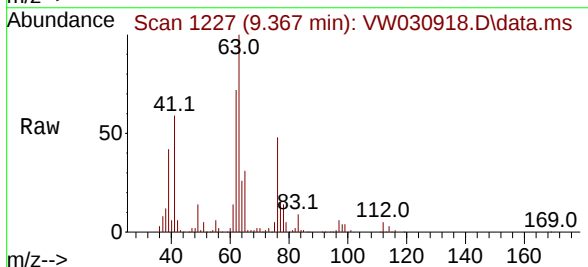
Acq: 04 Nov 2024 20:13

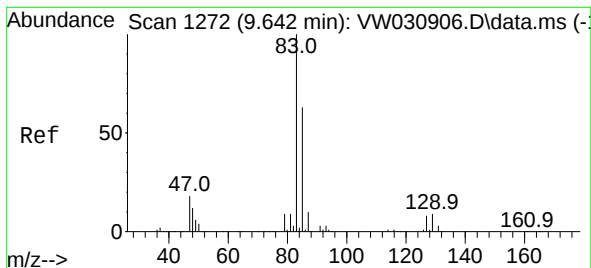
Tgt Ion: 63 Resp: 152299

Ion Ratio Lower Upper

63 100

112 4.7 3.5 5.3





#38

Bromodichloromethane

Concen: 18.559 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

Instrument :

MSVOA_W

ClientSampleId :

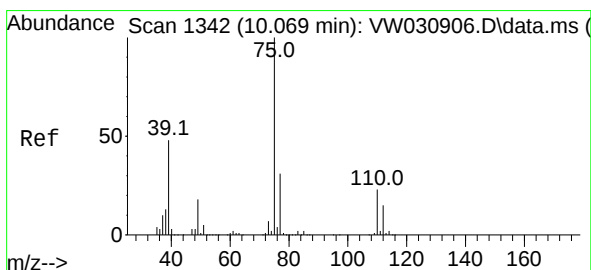
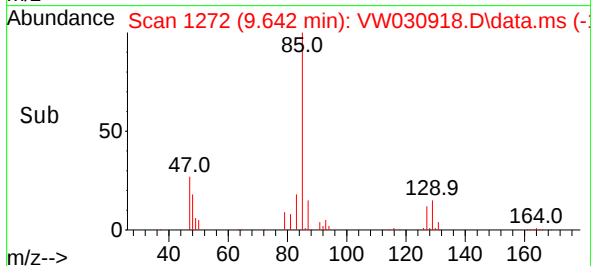
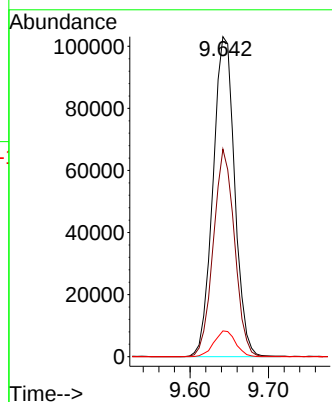
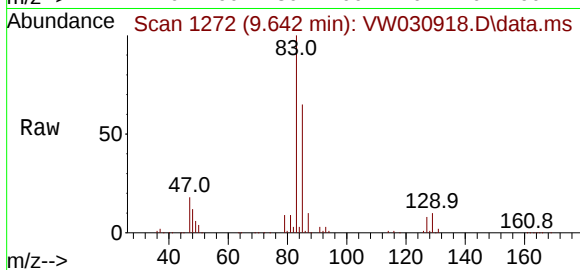
Tgt Ion: 83 Resp: 198395

Ion Ratio Lower Upper

83 100

85 64.9 44.1 81.9

127 8.1 6.4 9.6



#39

cis-1,3-Dichloropropene

Concen: 19.325 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW030918.D

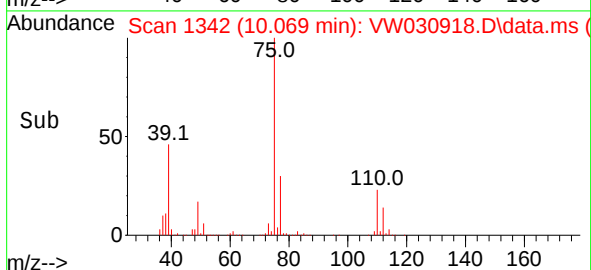
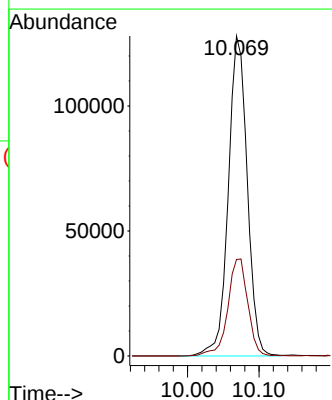
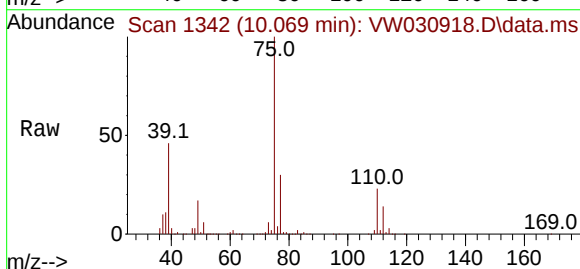
Acq: 04 Nov 2024 20:13

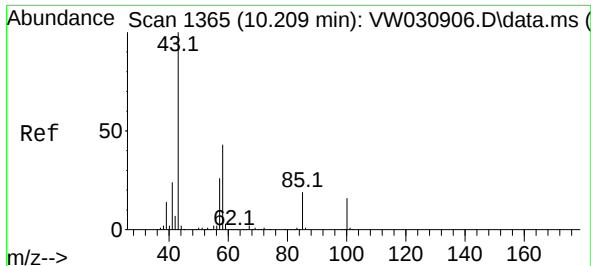
Tgt Ion: 75 Resp: 235314

Ion Ratio Lower Upper

75 100

77 30.1 21.3 39.6





#40

4-Methyl-2-pentanone

Concen: 55.728 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

Instrument :

MSVOA_W

ClientSampleId :

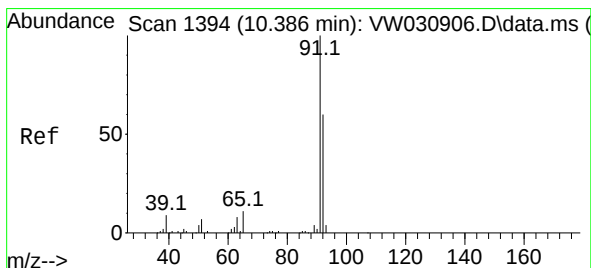
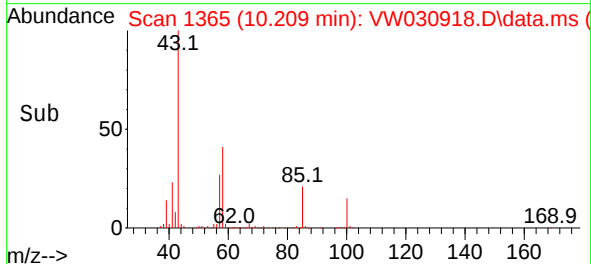
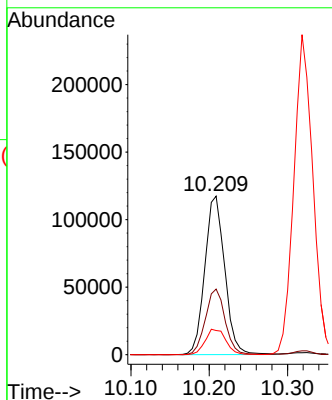
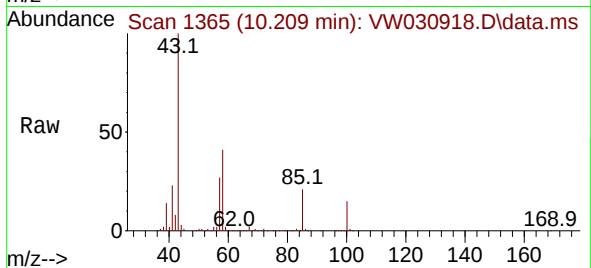
Tgt Ion: 43 Resp: 207453

Ion Ratio Lower Upper

43 100

58 41.1 32.2 48.4

100 16.8 13.3 19.9



#42

Toluene

Concen: 17.193 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW030918.D

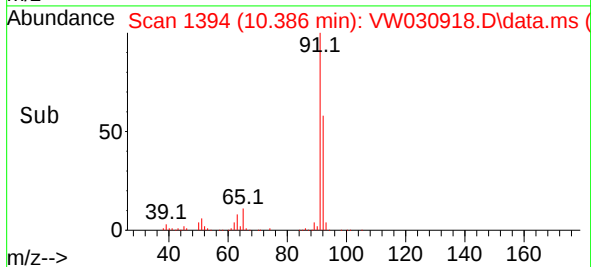
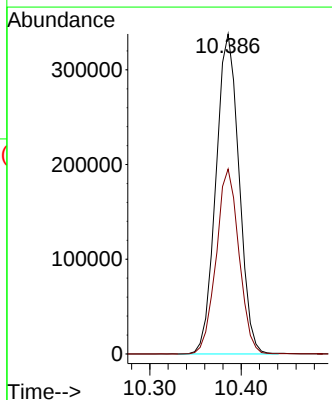
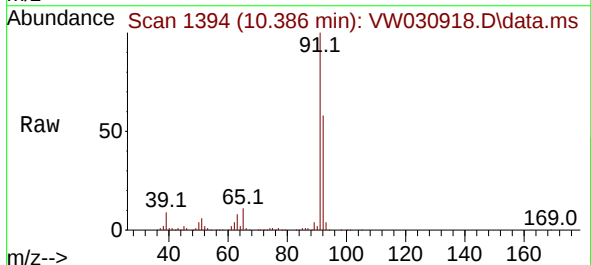
Acq: 04 Nov 2024 20:13

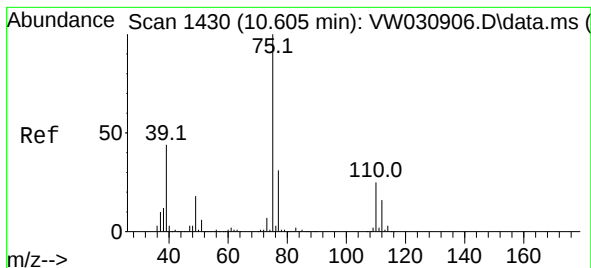
Tgt Ion: 91 Resp: 592995

Ion Ratio Lower Upper

91 100

92 57.8 39.4 73.2





#44

trans-1,3-Dichloropropene

Concen: 19.906 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

Instrument :

MSVOA_W

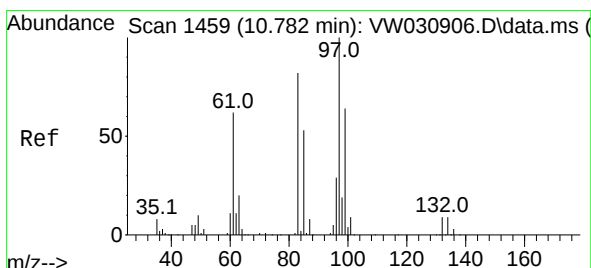
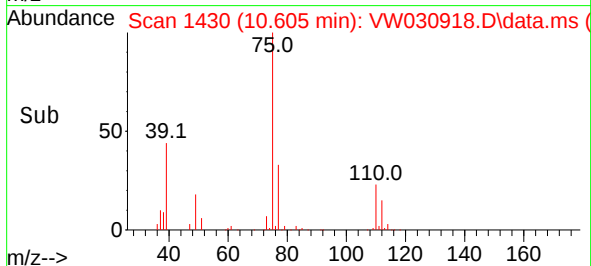
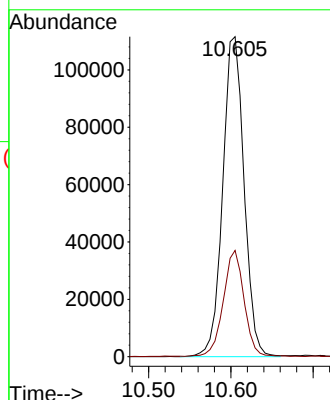
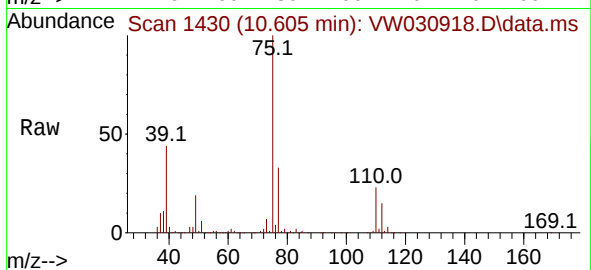
ClientSampleId :

Tgt Ion: 75 Resp: 201367

Ion Ratio Lower Upper

75 100

77 33.2 23.6 43.8



#45

1,1,2-Trichloroethane

Concen: 20.565 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

Tgt Ion: 97 Resp: 120157

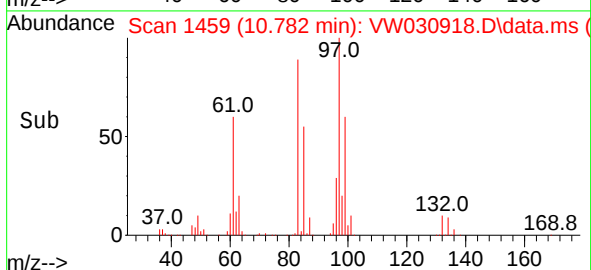
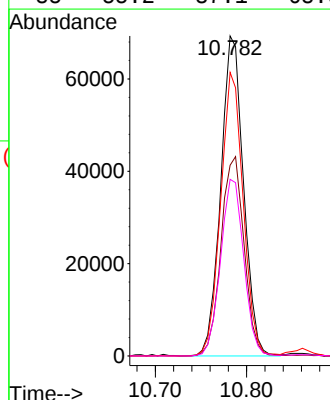
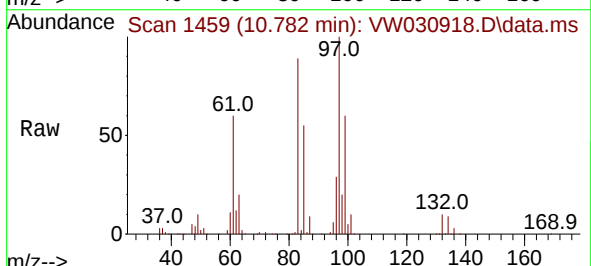
Ion Ratio Lower Upper

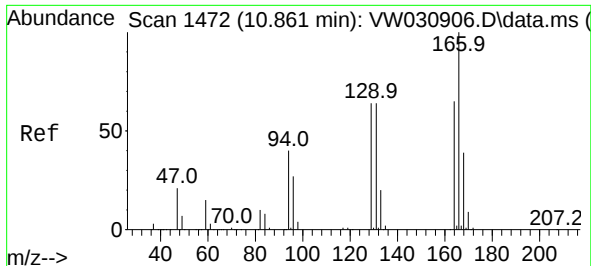
97 100

99 59.6 42.8 79.4

83 88.6 60.6 112.6

85 55.2 37.1 68.9





#46

Tetrachloroethene

Concen: 14.969 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

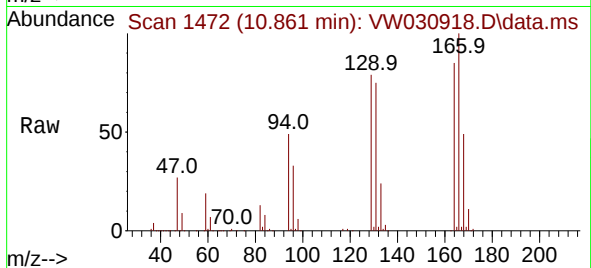
Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 102780

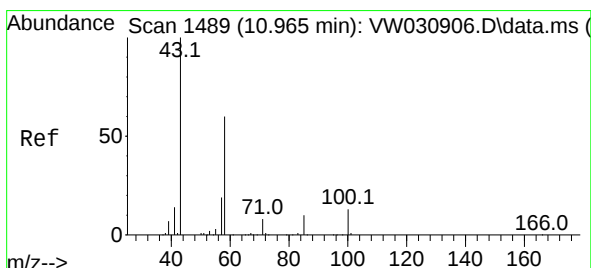
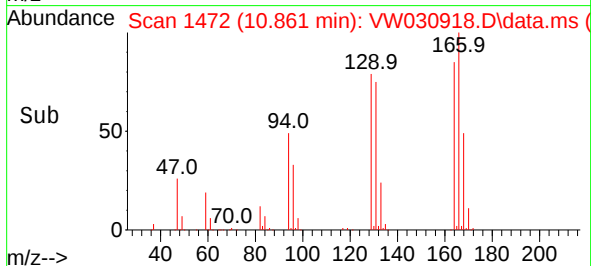
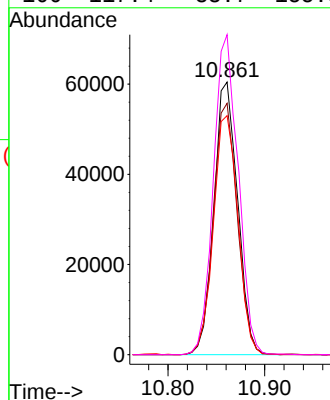
Ion Ratio Lower Upper

164 100

129 92.2 71.1 132.1

131 87.7 62.6 116.3

166 117.4 83.7 155.5



#48

2-Hexanone

Concen: 61.215 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

Tgt Ion: 43 Resp: 173368

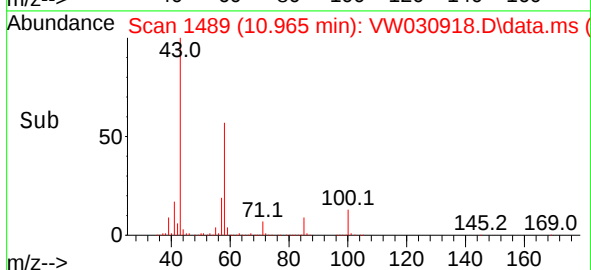
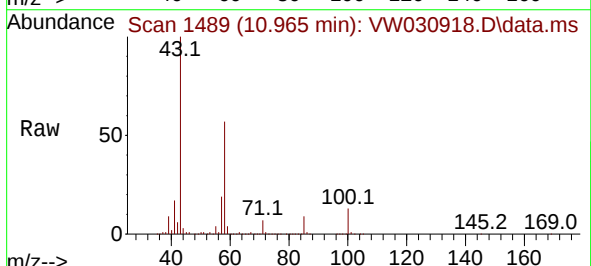
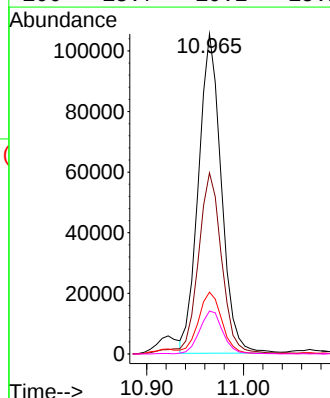
Ion Ratio Lower Upper

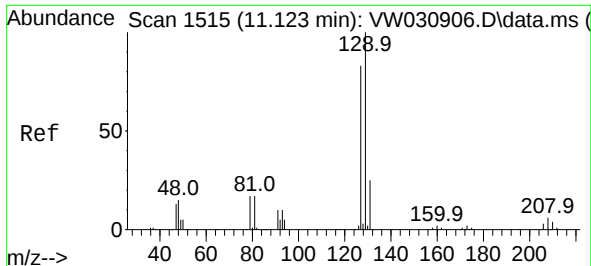
43 100

58 56.0 43.8 65.8

57 20.3 15.4 23.2

100 13.7 10.2 15.2





#49

Dibromochloromethane

Concen: 20.175 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

Instrument :

MSVOA_W

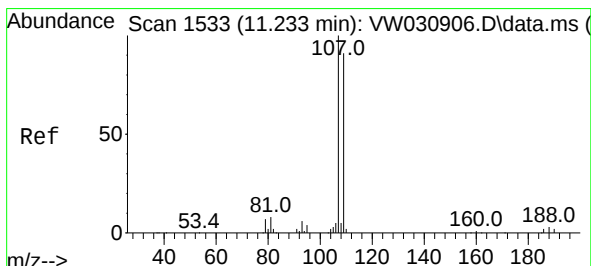
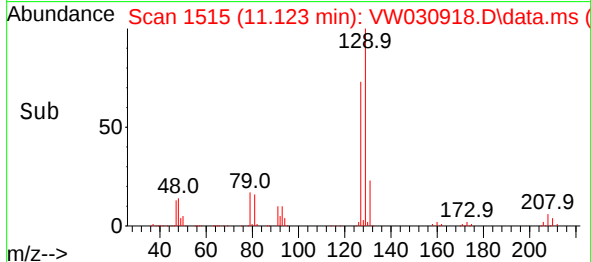
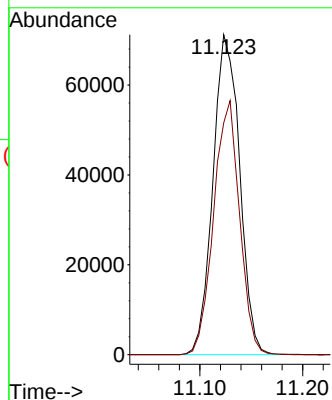
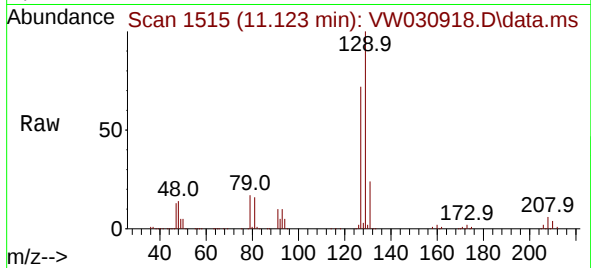
ClientSampleId :

Tgt Ion:129 Resp: 128522

Ion Ratio Lower Upper

129 100

127 72.4 52.1 96.7



#50

1,2-Dibromoethane

Concen: 21.714 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

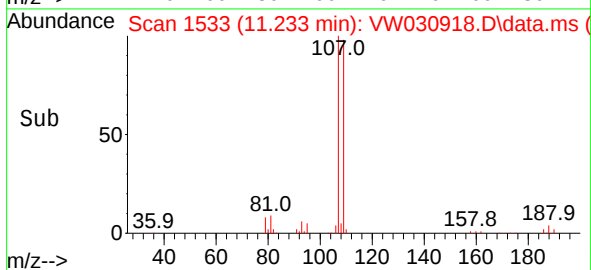
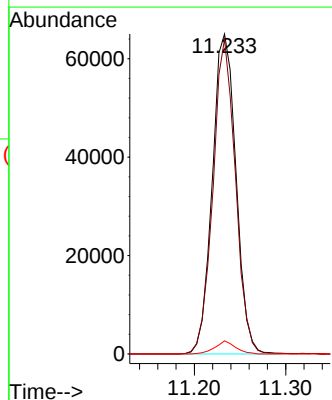
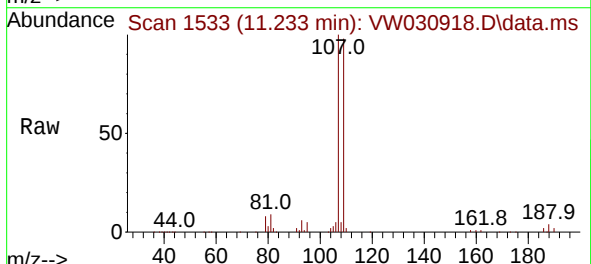
Tgt Ion:107 Resp: 116995

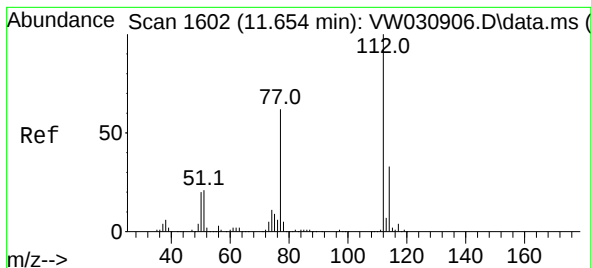
Ion Ratio Lower Upper

107 100

109 98.4 64.3 119.3

188 4.1 2.7 4.1#

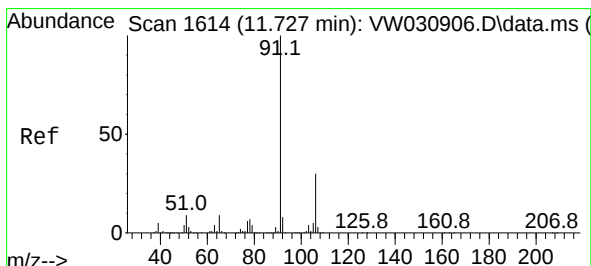
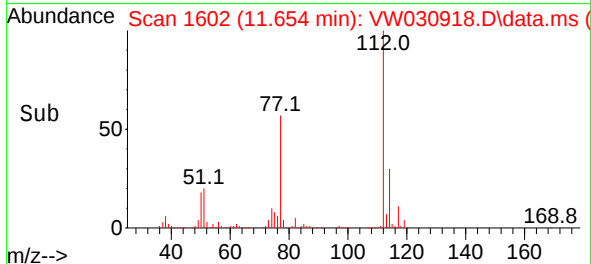
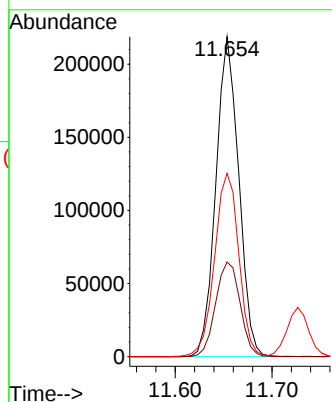
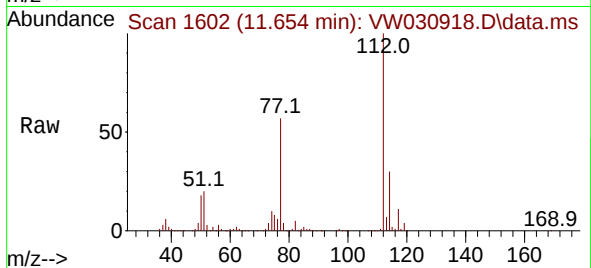




#51
Chlorobenzene
Concen: 16.251 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW030918.D
Acq: 04 Nov 2024 20:13

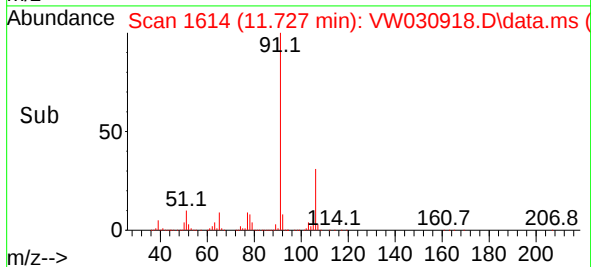
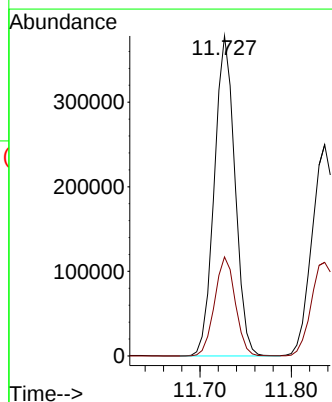
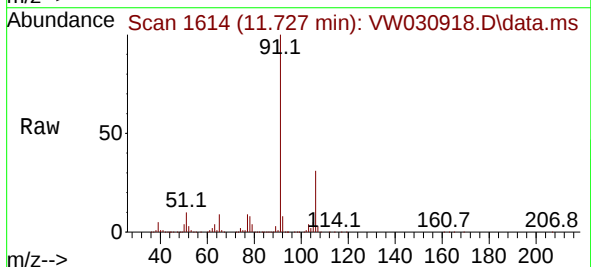
Instrument :
MSVOA_W
ClientSampleId :

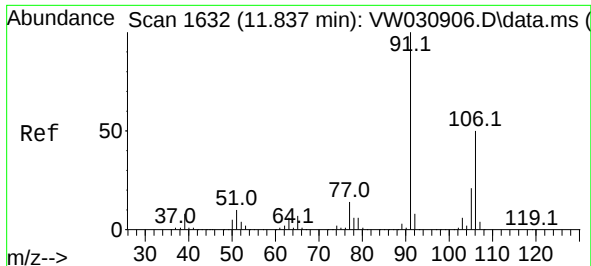
Tgt Ion:112 Resp: 358720
Ion Ratio Lower Upper
112 100
114 29.6 21.9 40.7
77 57.3 45.3 67.9



#52
Ethylbenzene
Concen: 15.199 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW030918.D
Acq: 04 Nov 2024 20:13

Tgt Ion: 91 Resp: 592330
Ion Ratio Lower Upper
91 100
106 30.9 21.6 40.0





#53

m,p-Xylene

Concen: 14.658 ug/L

RT: 11.836 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

Instrument :

MSVOA_W

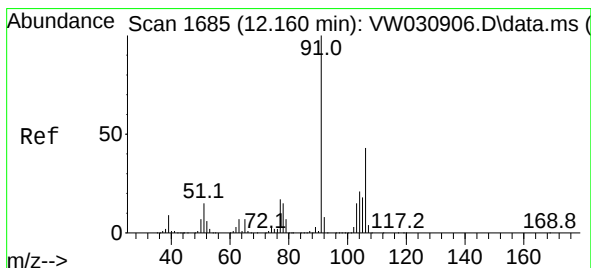
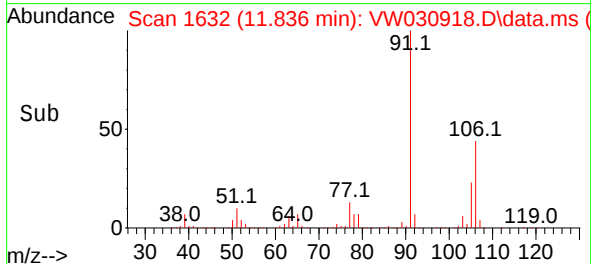
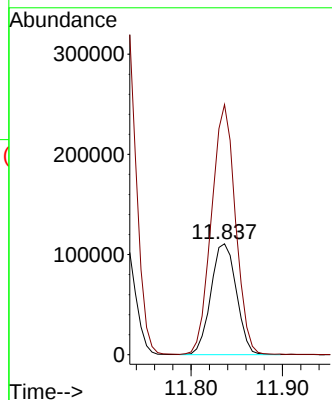
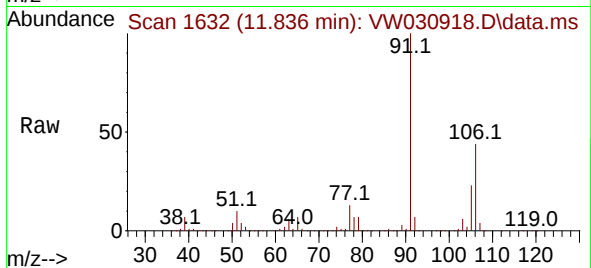
ClientSampleId :

Tgt Ion:106 Resp: 214847

Ion Ratio Lower Upper

106 100

91 225.6 140.7 261.3



#54

o-Xylene

Concen: 15.904 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW030918.D

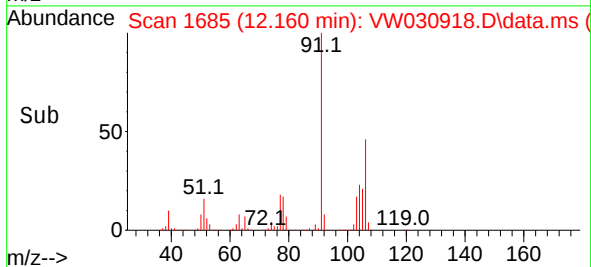
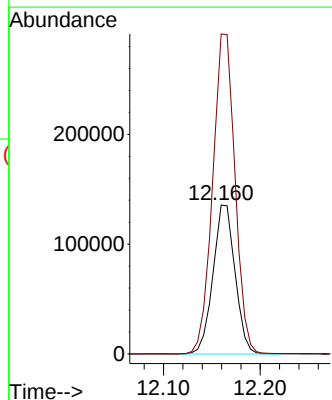
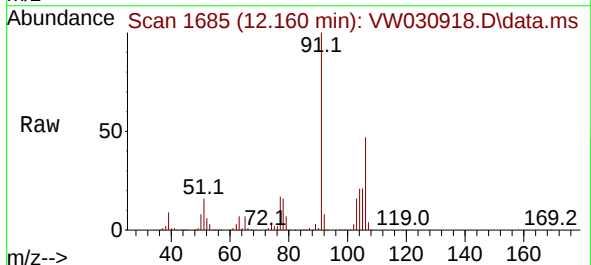
Acq: 04 Nov 2024 20:13

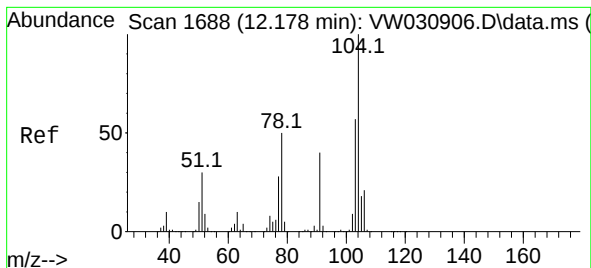
Tgt Ion:106 Resp: 214498

Ion Ratio Lower Upper

106 100

91 214.9 149.9 278.3





#55

Styrene

Concen: 16.928 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

Instrument :

MSVOA_W

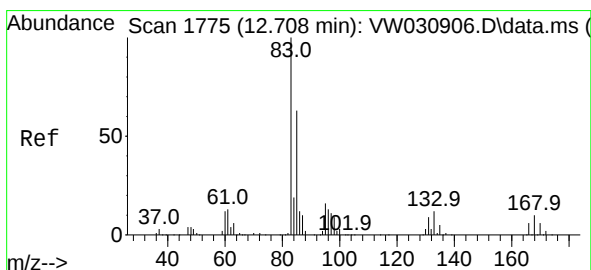
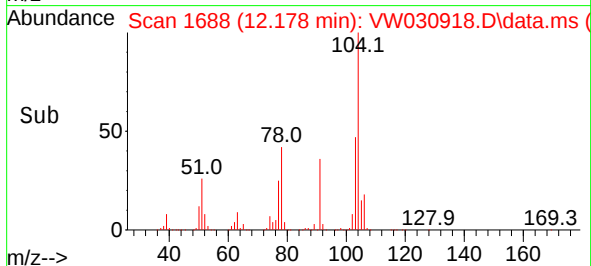
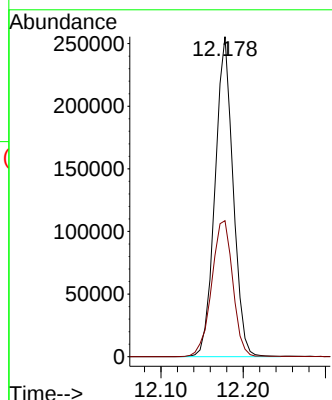
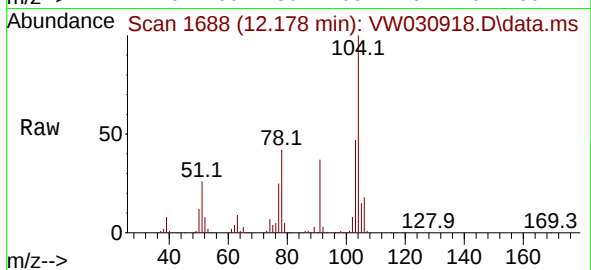
ClientSampleId :

Tgt Ion:104 Resp: 390072

Ion Ratio Lower Upper

104 100

78 42.5 31.8 59.0



#57

1,1,2,2-Tetrachloroethane

Concen: 23.267 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

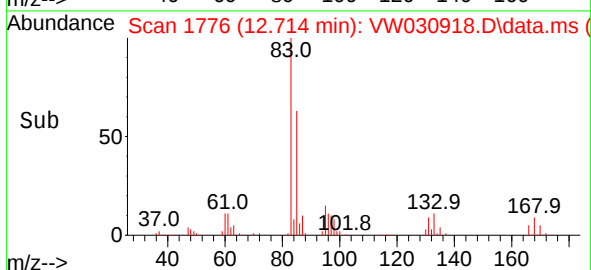
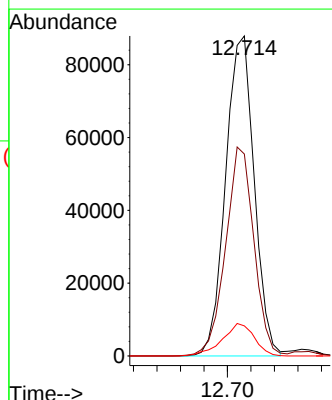
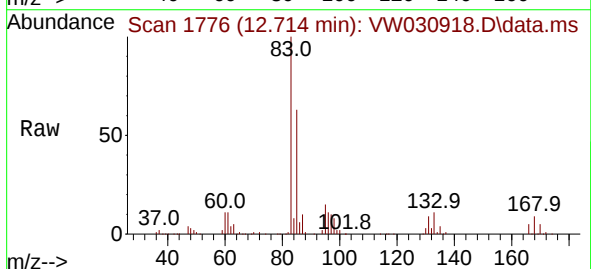
Tgt Ion: 83 Resp: 148355

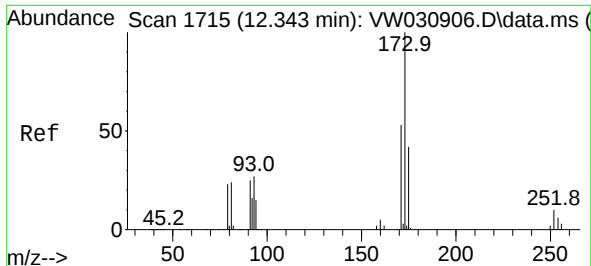
Ion Ratio Lower Upper

83 100

85 63.1 45.1 83.7

131 9.4 7.7 11.5





#59

Bromoform

Concen: 23.676 ug/L

RT: 12.349 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

Instrument :

MSVOA_W

ClientSampleId :

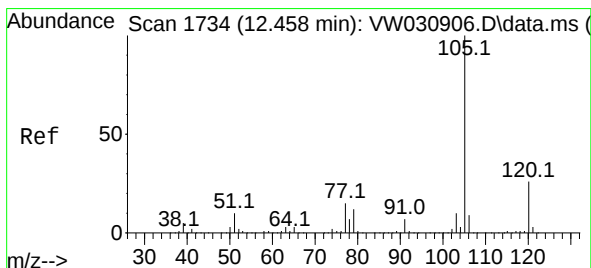
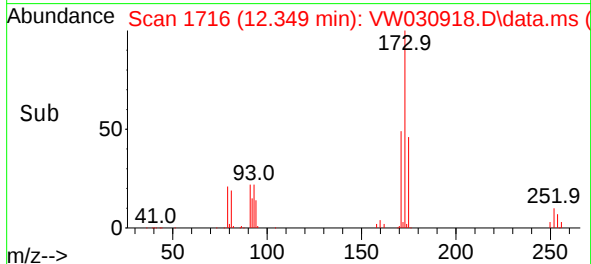
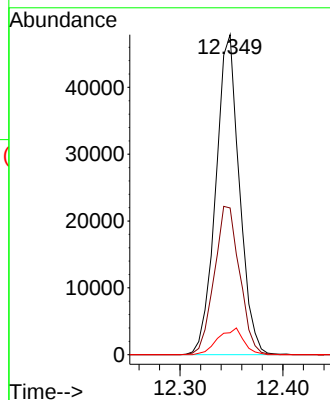
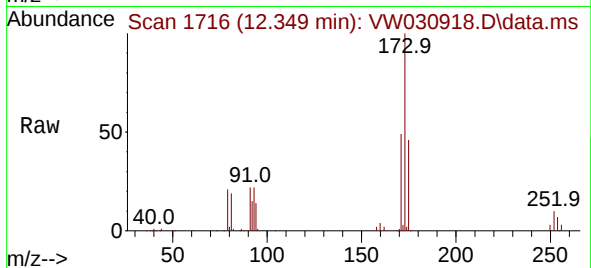
Tgt Ion:173 Resp: 76376

Ion Ratio Lower Upper

173 100

175 49.8 39.3 58.9

254 9.0 7.8 11.6



#60

Isopropylbenzene

Concen: 15.779 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

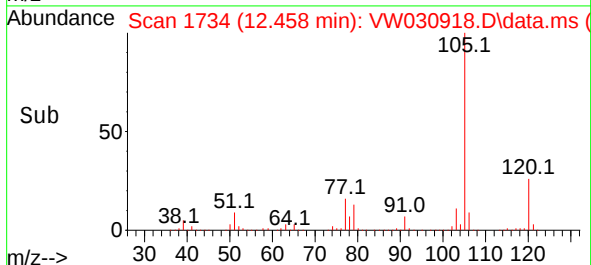
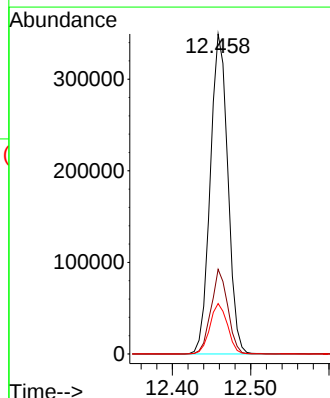
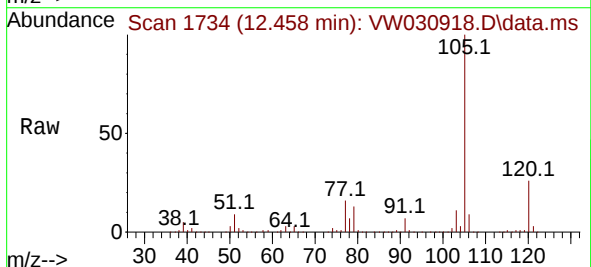
Tgt Ion:105 Resp: 543766

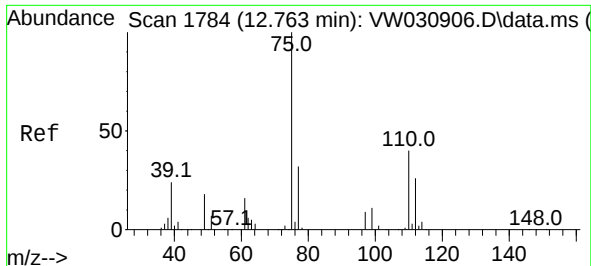
Ion Ratio Lower Upper

105 100

120 25.1 20.6 31.0

77 15.8 13.0 19.4





#61

1,2,3-Trichloropropane

Concen: 25.426 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

Instrument :

MSVOA_W

ClientSampleId :

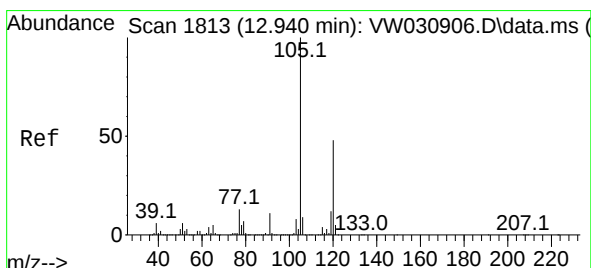
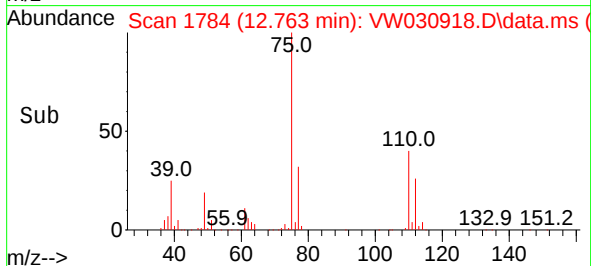
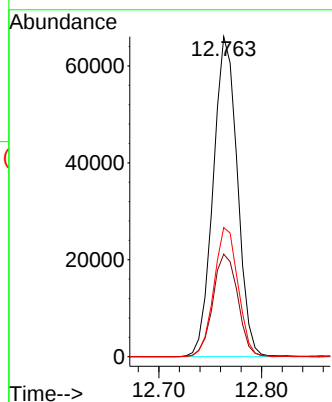
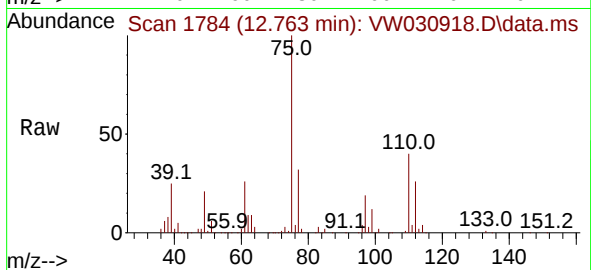
Tgt Ion: 75 Resp: 107691

Ion Ratio Lower Upper

75 100

77 33.2 26.2 39.2

110 40.2 31.8 47.8



#62

1,3,5-Trimethylbenzene

Concen: 15.427 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030918.D

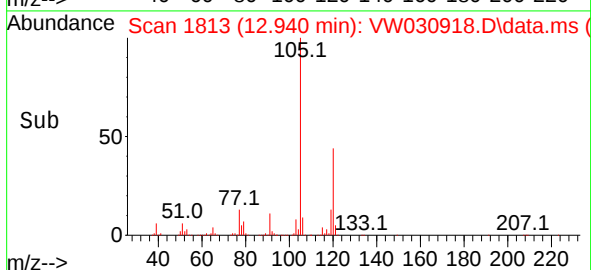
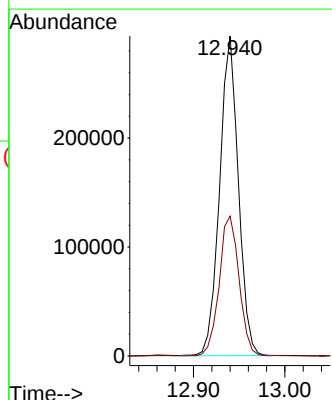
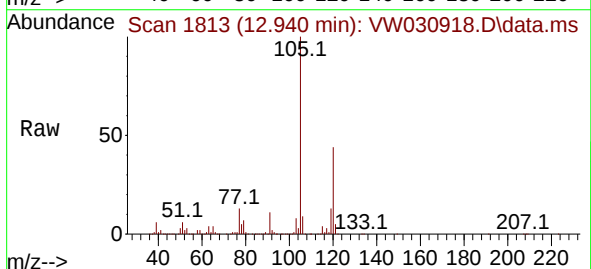
Acq: 04 Nov 2024 20:13

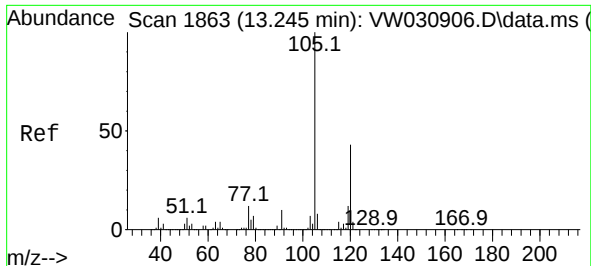
Tgt Ion:105 Resp: 418581

Ion Ratio Lower Upper

105 100

120 46.3 38.7 58.1





#63

1,2,4-Trimethylbenzene

Concen: 15.355 ug/L

RT: 13.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

Instrument :

MSVOA_W

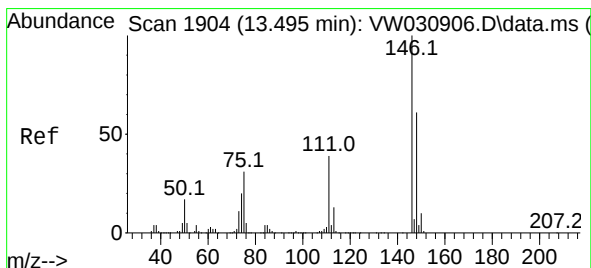
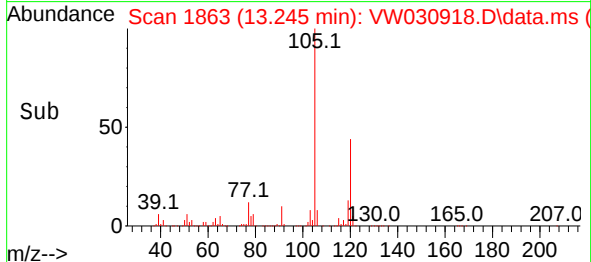
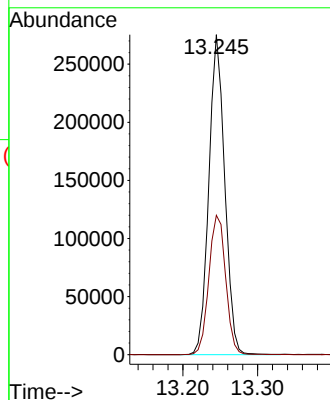
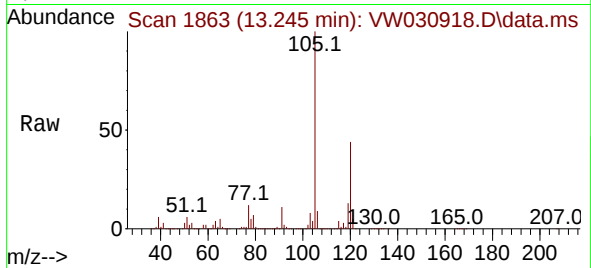
ClientSampleId :

Tgt Ion:105 Resp: 405726

Ion Ratio Lower Upper

105 100

120 46.3 35.9 53.9



#64

1,3-Dichlorobenzene

Concen: 15.857 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

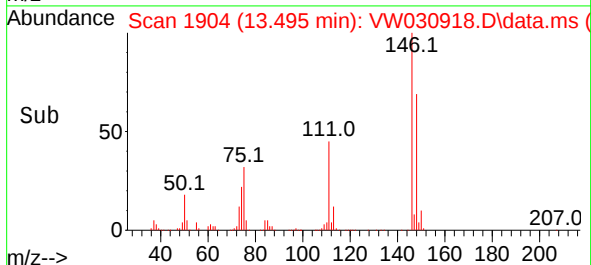
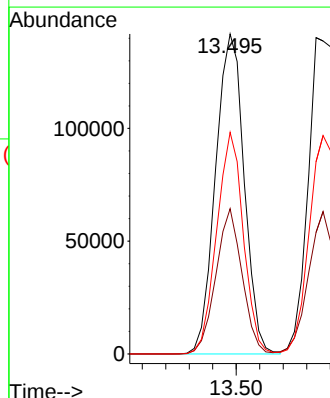
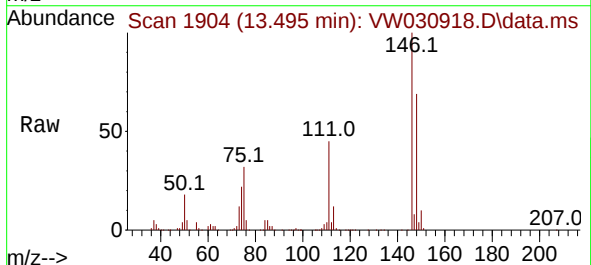
Tgt Ion:146 Resp: 239940

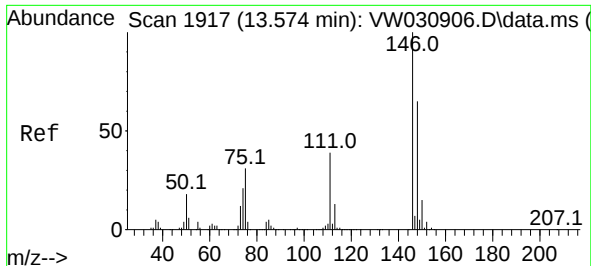
Ion Ratio Lower Upper

146 100

111 45.4 26.8 49.8

148 69.2 41.8 77.6

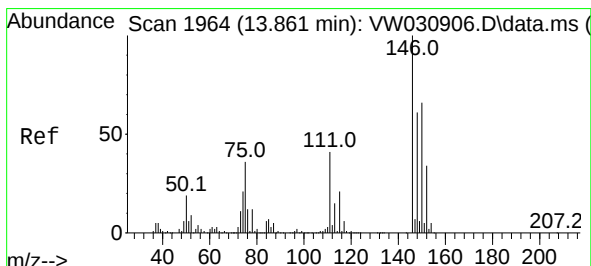
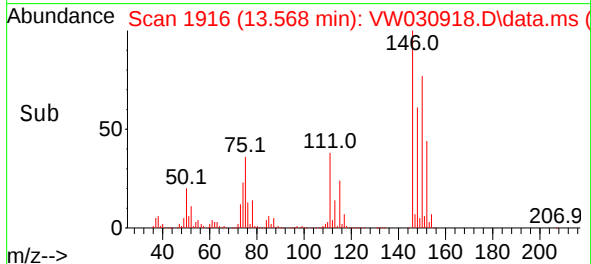
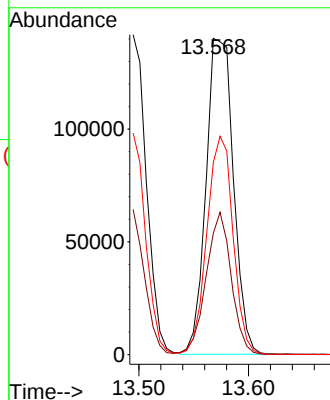
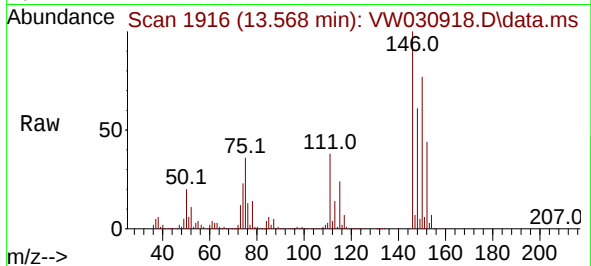




#65
1,4-Dichlorobenzene
Concen: 15.712 ug/L
RT: 13.568 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VW030918.D
Acq: 04 Nov 2024 20:13

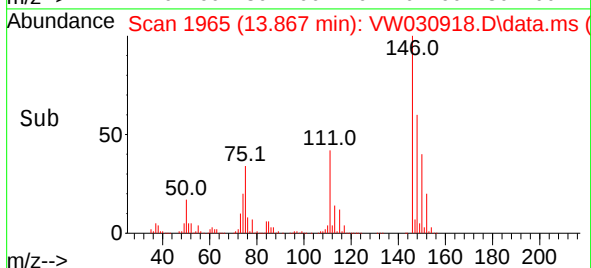
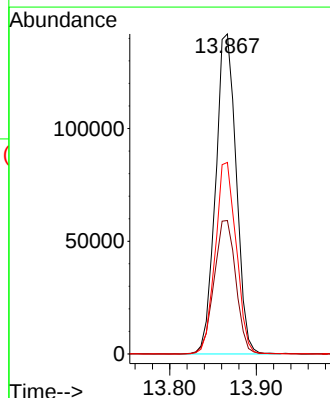
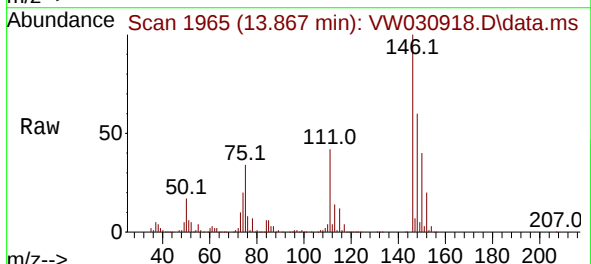
Instrument :
MSVOA_W
ClientSampleId :

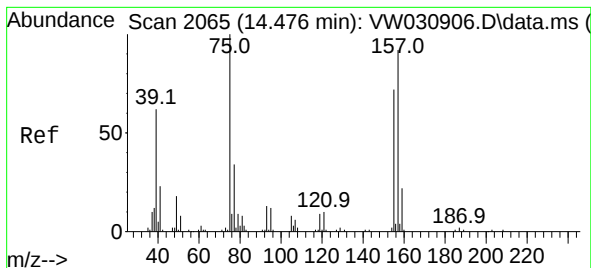
Tgt Ion:146 Resp: 244076
Ion Ratio Lower Upper
146 100
111 38.4 27.6 51.4
148 60.8 41.6 77.2



#67
1,2-Dichlorobenzene
Concen: 17.427 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW030918.D
Acq: 04 Nov 2024 20:13

Tgt Ion:146 Resp: 235012
Ion Ratio Lower Upper
146 100
111 41.7 34.3 51.5
148 59.9 48.0 72.0

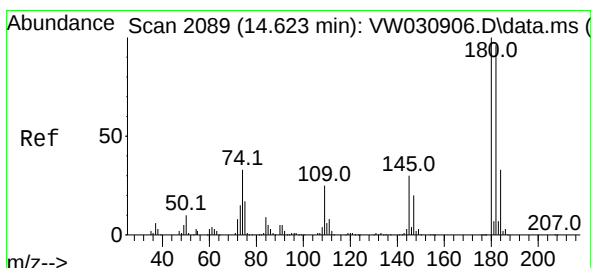
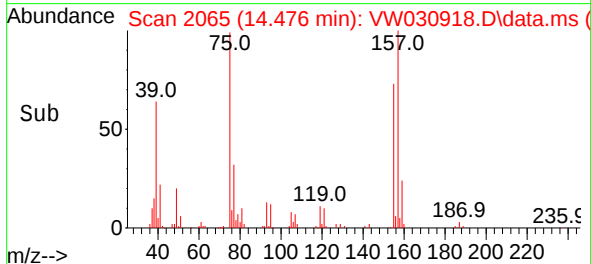
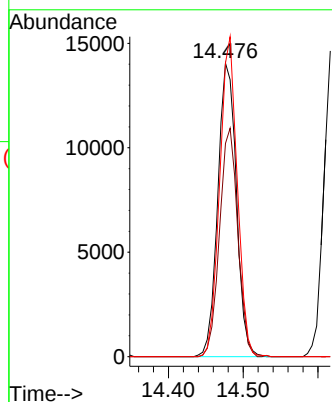
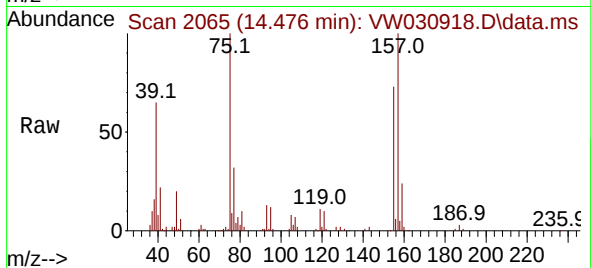




#68
1,2-Dibromo-3-chloropropane
Concen: 27.071 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW030918.D
Acq: 04 Nov 2024 20:13

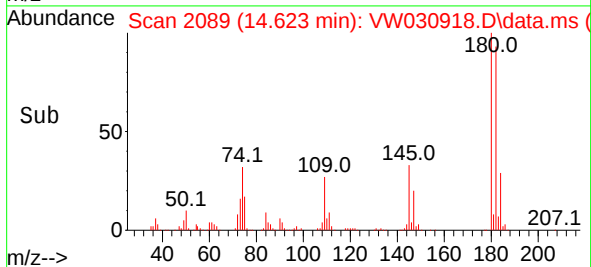
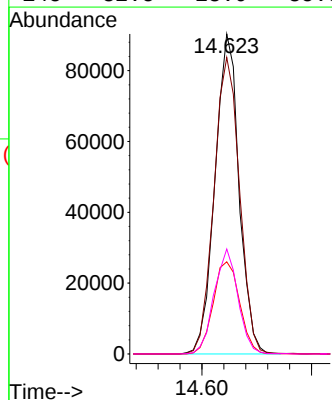
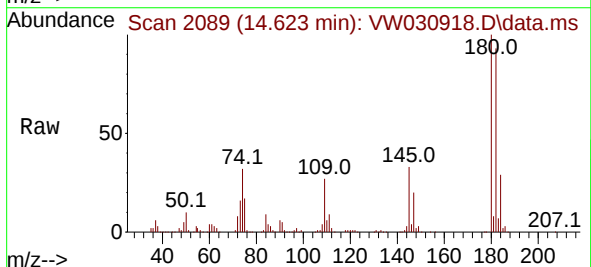
Instrument :
MSVOA_W
ClientSampleId :

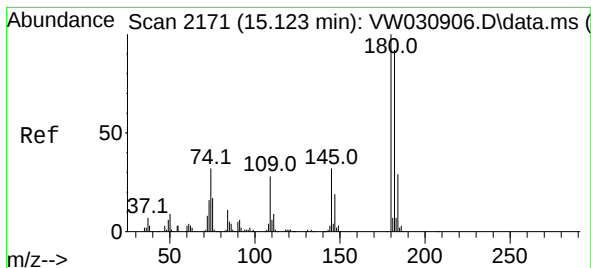
Tgt Ion: 75 Resp: 24275
Ion Ratio Lower Upper
75 100
155 72.6 56.2 84.2
157 100.0 74.9 112.3



#69
1,3,5-Trichlorobenzene
Concen: 13.706 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW030918.D
Acq: 04 Nov 2024 20:13

Tgt Ion:180 Resp: 137619
Ion Ratio Lower Upper
180 100
182 98.5 76.6 114.8
184 31.6 23.9 35.9
145 32.5 23.9 35.9





#70

1,2,4-trichlorobenzene

Concen: 15.963 ug/L

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

Instrument :

MSVOA_W

ClientSampleId :

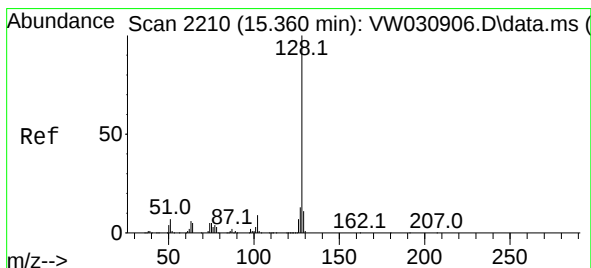
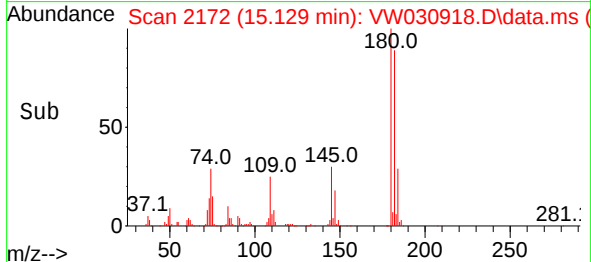
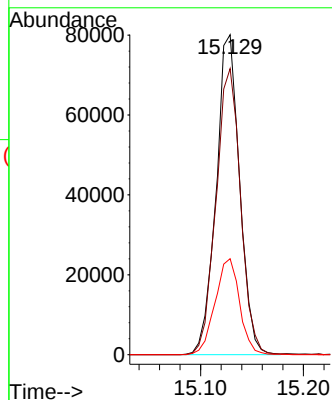
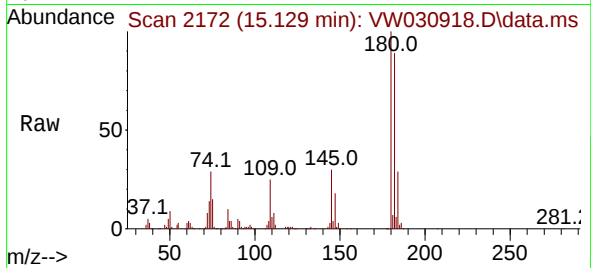
Tgt Ion:180 Resp: 127274

Ion Ratio Lower Upper

180 100

182 93.2 74.5 111.7

145 31.2 24.2 36.2



#71

Naphthalene

Concen: 25.804 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030918.D

Acq: 04 Nov 2024 20:13

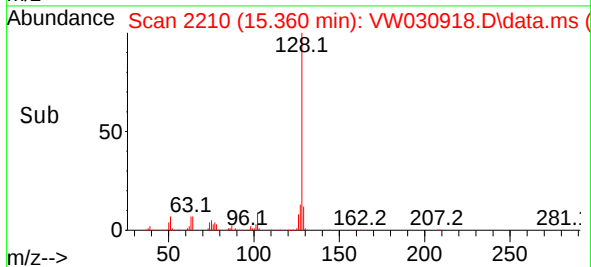
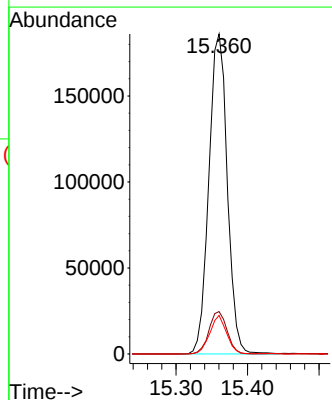
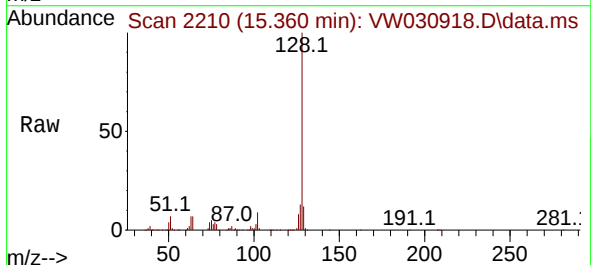
Tgt Ion:128 Resp: 333513

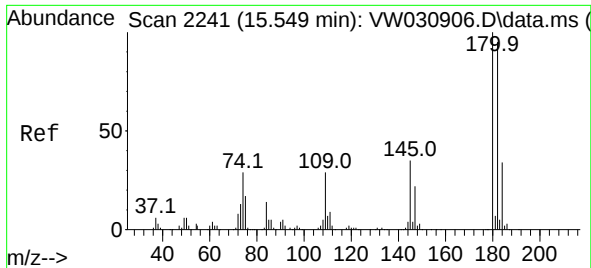
Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

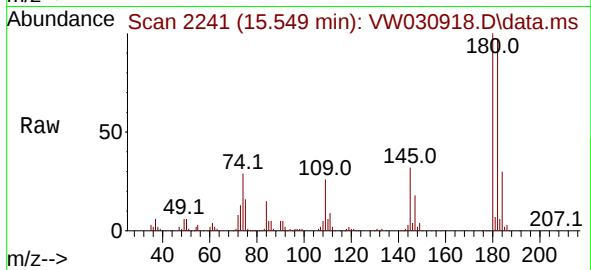
129 11.0 8.7 13.1





#72
1,2,3-Trichlorobenzene
Concen: 18.580 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW030918.D
Acq: 04 Nov 2024 20:13

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:180 Resp: 127671
Ion Ratio Lower Upper
180 100
182 95.1 79.2 118.8
145 32.7 27.0 40.6

