

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030899.D
 Acq On : 04 Nov 2024 10:15
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 05 00:09:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:08:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	434671	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	403458	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	190312	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	19458	2.729	ug/L	0.00
7) Chloroethane-d5	2.899	69	13546	2.477	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	7016	2.385	ug/L	0.00
21) 2-Butanone-d5	7.100	46	4447	3.827	ug/L	0.02
24) Chloroform-d	7.648	84	28419	2.218	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	14273	2.240	ug/L	0.00
32) Benzene-d6	8.270	84	52096	2.078	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	15795	2.138	ug/L	0.00
41) Toluene-d8	10.325	98	43280	1.925	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	5735	1.915	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	2671	2.789	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	10535	2.046	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	14691	2.119	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	8387	1.944	ug/L #	83
3) Chloromethane	2.223	50	15927	2.553	ug/L	100
5) Vinyl chloride	2.375	62	19218	2.599	ug/L	98
6) Bromomethane	2.789	94	13474	2.775	ug/L	92
8) Chloroethane	2.930	64	11631	2.595	ug/L	94
9) Trichlorofluoromethane	3.271	101	15194	2.281	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	13701	2.304	ug/L #	65
12) 1,1-Dichloroethene	4.039	96	13530	2.408	ug/L	99
13) Acetone	4.143	43	6578	4.770	ug/L	69
14) Carbon disulfide	4.387	76	45665	2.472	ug/L #	95
15) Methyl Acetate	4.679	43	4770	2.270	ug/L #	64
16) Methylene chloride	4.917	84	17710	2.882	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	14495	2.352	ug/L	92
18) Methyl tert-butyl Ether	5.411	73	6766	0.813	ug/L #	69
19) 1,1-Dichloroethane	6.216	63	28530	2.480	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	14709	2.250	ug/L	98
22) 2-Butanone	7.179	43	6523	4.098	ug/L	95
23) Bromochloromethane	7.520	128	6788	2.370	ug/L	97
25) Chloroform	7.673	83	31246	2.582	ug/L	92
27) 1,2-Dichloroethane	8.398	62	19024	2.524	ug/L	97
29) Cyclohexane	7.953	56	19225	1.988	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	25573	2.468	ug/L	100
31) Carbon tetrachloride	8.069	117	23145	2.485	ug/L	99
33) Benzene	8.325	78	58983	2.268	ug/L	100
34) Trichloroethene	9.087	95	17225	2.402	ug/L	93
35) Methylcyclohexane	9.331	83	25102	2.209	ug/L	96
37) 1,2-Dichloropropane	9.368	63	15366	2.364	ug/L #	92
38) Bromodichloromethane	9.642	83	20216	2.369	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	19604	2.016	ug/L	91
40) 4-Methyl-2-pentanone	10.209	43	11496	3.898	ug/L	96
42) Toluene	10.386	91	59940	2.177	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	16826	2.083	ug/L	97

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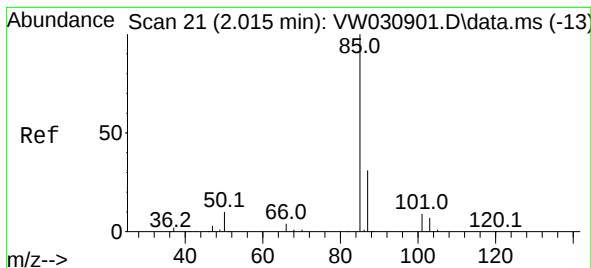
Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 05 00:09:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:08:46 2024
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	10.788	97	11520	2.469	ug/L	93
46) Tetrachloroethene	10.861	164	13263	2.419	ug/L	94
48) 2-Hexanone	10.971	43	8342	3.689	ug/L	94
49) Dibromochloromethane	11.129	129	11776	2.315	ug/L	98
50) 1,2-Dibromoethane	11.233	107	9829	2.285	ug/L #	98
51) Chlorobenzene	11.654	112	42208	2.395	ug/L	95
52) Ethylbenzene	11.727	91	65938	2.119	ug/L	94
53) m,p-Xylene	11.837	106	24543	2.097	ug/L	90
54) o-Xylene	12.166	106	21499	1.997	ug/L	96
55) Styrene	12.178	104	35407	1.925	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	12083	2.373	ug/L #	97
59) Bromoform	12.349	173	6176	2.273	ug/L	98
60) Isopropylbenzene	12.458	105	60248	2.075	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	8731	2.447	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	45334	1.983	ug/L	96
63) 1,2,4-Trimethylbenzene	13.251	105	42286	1.900	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	30653	2.405	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	33217	2.538	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	28477	2.507	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.483	75	1783	2.360	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	21099	2.494	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	15937	2.373	ug/L	98
71) Naphthalene	15.360	128	19773	1.816	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	13392	2.314	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 1.944 ug/L

RT: 2.015 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW030899.D

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Instrument :

MSVOA_W

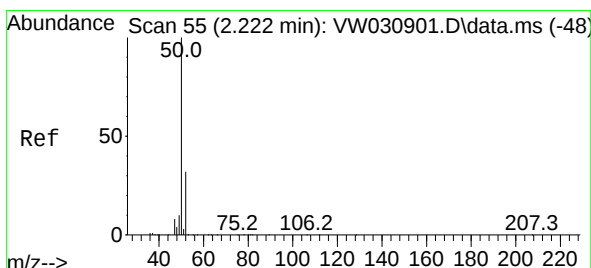
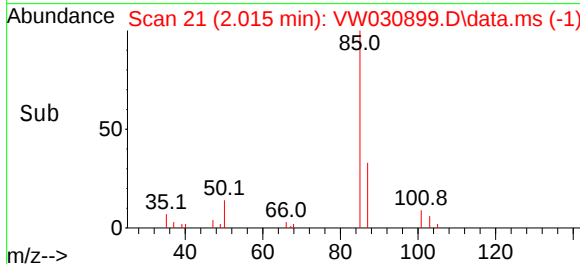
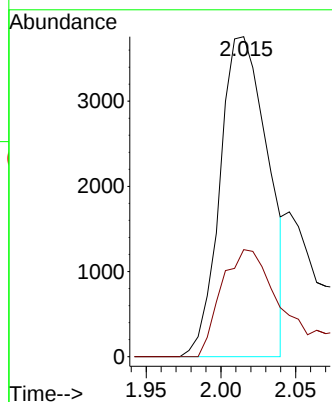
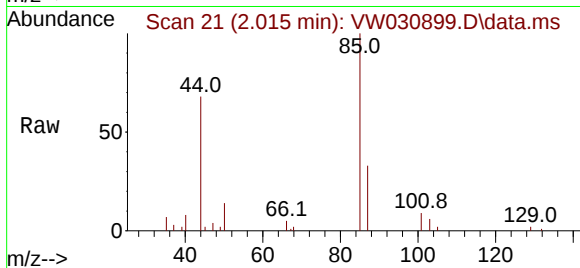
ClientSampleId :

Tgt Ion: 85 Resp: 8387

Ion Ratio Lower Upper

85 100

87 39.4 24.2 36.4#



#3

Chloromethane

Concen: 2.553 ug/L

RT: 2.223 min Scan# 55

Delta R.T. 0.000 min

Lab File: VW030899.D

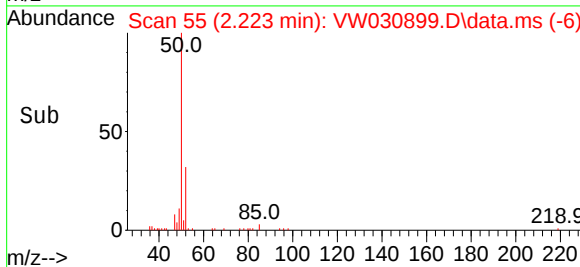
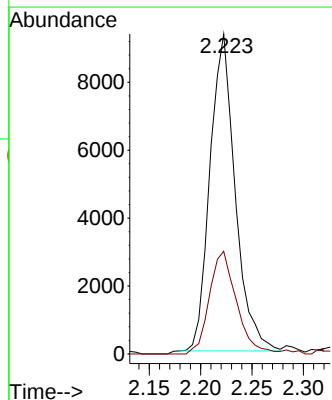
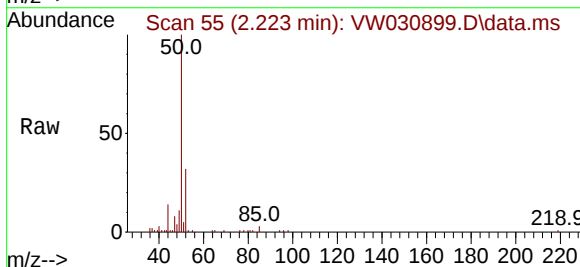
Acq: 04 Nov 2024 10:15

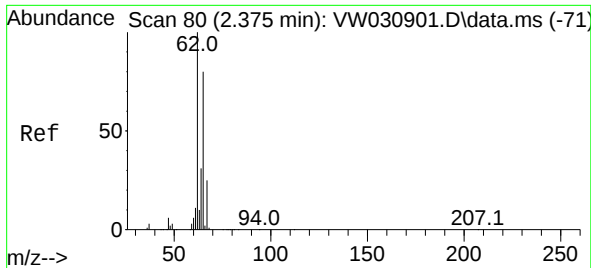
Tgt Ion: 50 Resp: 15927

Ion Ratio Lower Upper

50 100

52 32.1 22.5 41.9

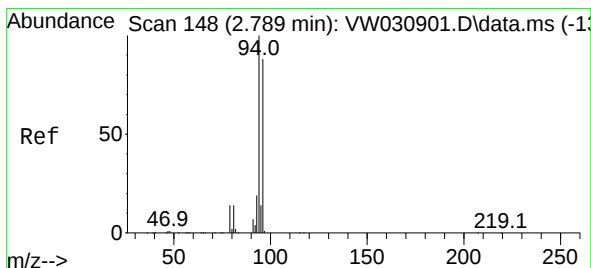
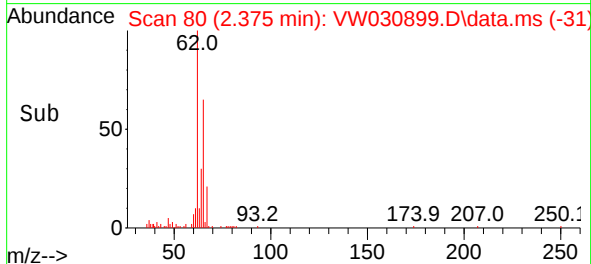
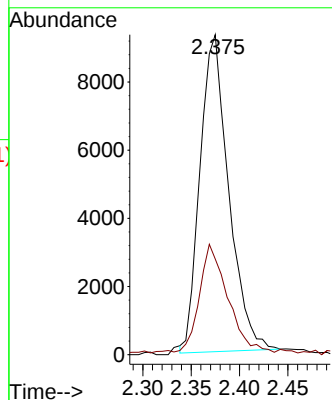
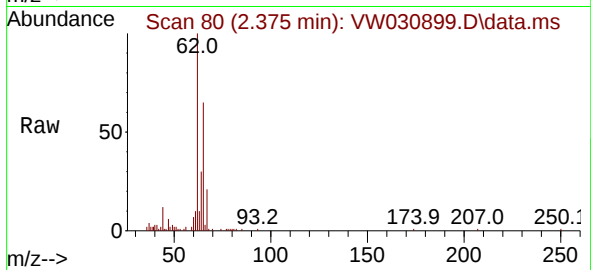




#5
 Vinyl chloride
 Concen: 2.599 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030899.D
 Acq: 04 Nov 2024 10:15

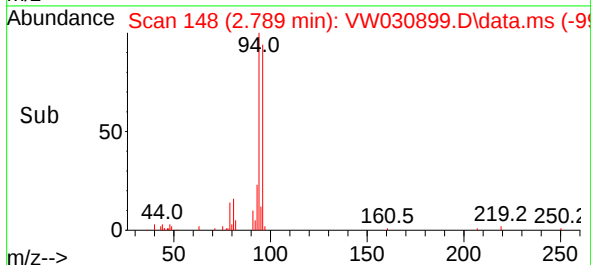
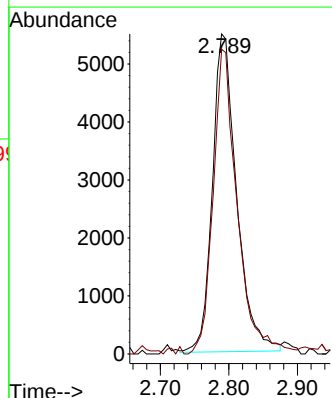
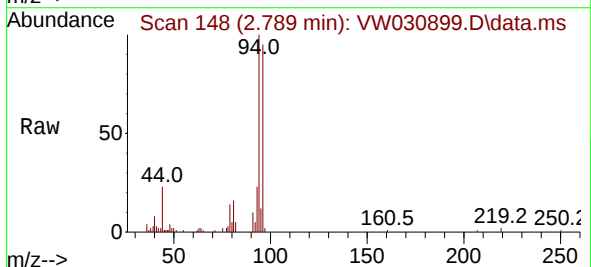
Instrument :
 MSVOA_W
 ClientSampleId :

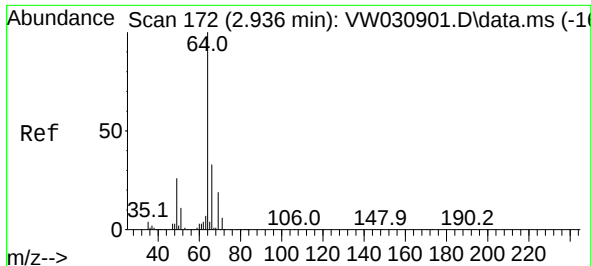
Tgt Ion: 62 Resp: 19218
 Ion Ratio Lower Upper
 62 100
 64 29.9 21.7 40.3



#6
 Bromomethane
 Concen: 2.775 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030899.D
 Acq: 04 Nov 2024 10:15

Tgt Ion: 94 Resp: 13474
 Ion Ratio Lower Upper
 94 100
 96 95.2 61.6 114.4

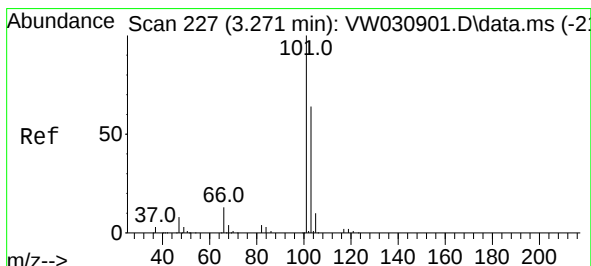
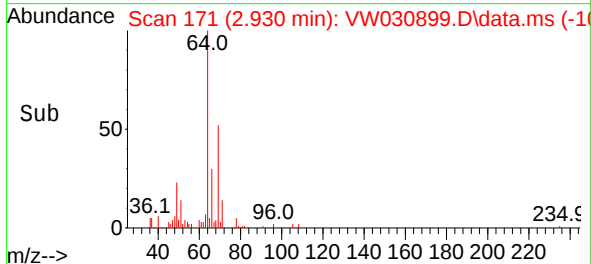
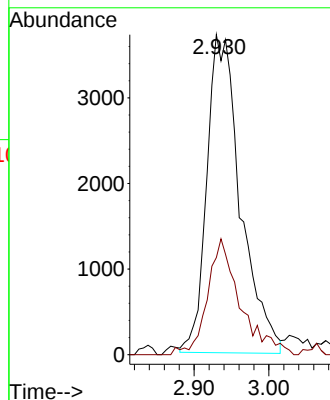
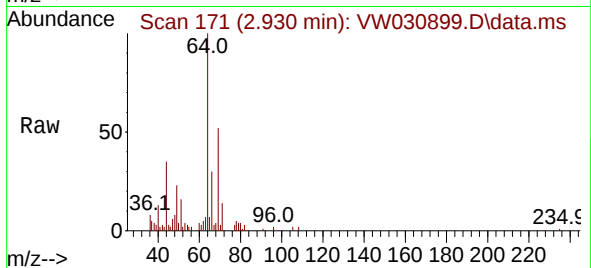




#8
Chloroethane
Concen: 2.595 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW030899.D
Acq: 04 Nov 2024 10:15

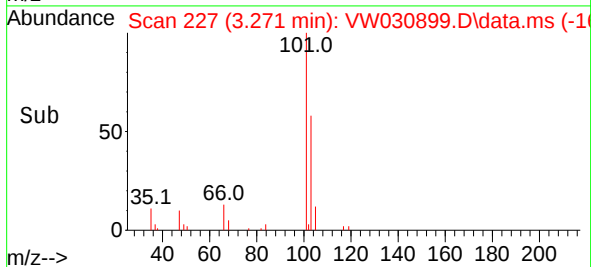
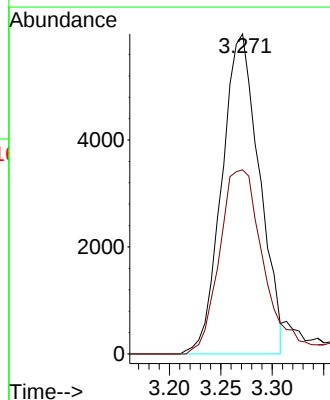
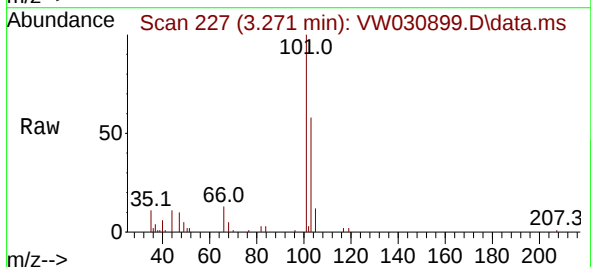
Instrument :
MSVOA_W
ClientSampleId :

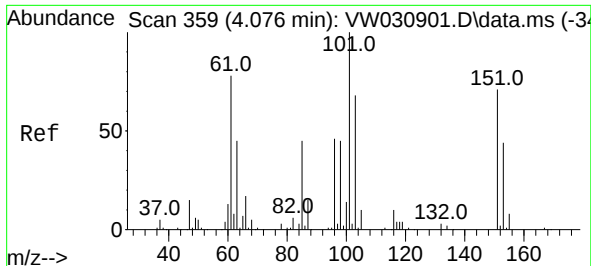
Tgt Ion: 64 Resp: 11631
Ion Ratio Lower Upper
64 100
66 30.4 23.5 43.7



#9
Trichlorofluoromethane
Concen: 2.281 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030899.D
Acq: 04 Nov 2024 10:15

Tgt Ion:101 Resp: 15194
Ion Ratio Lower Upper
101 100
103 68.2 51.8 77.6





#10

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

Concen: 2.304 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

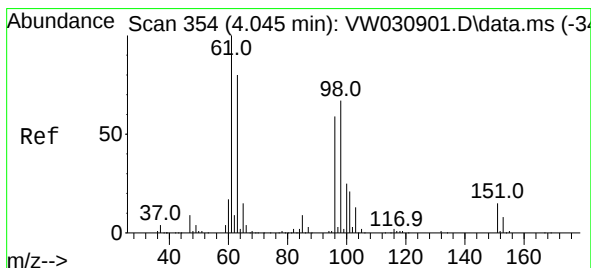
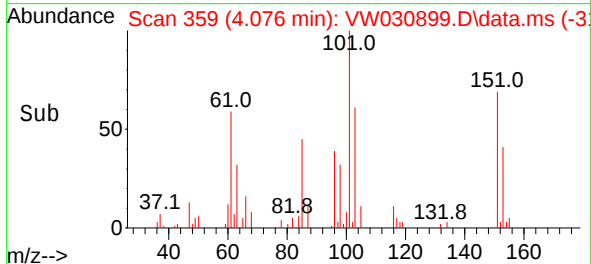
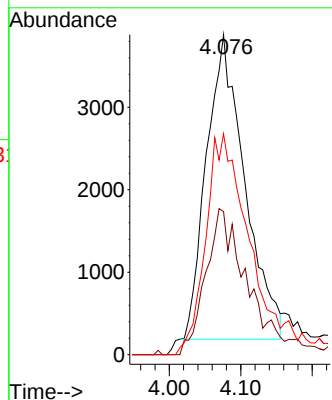
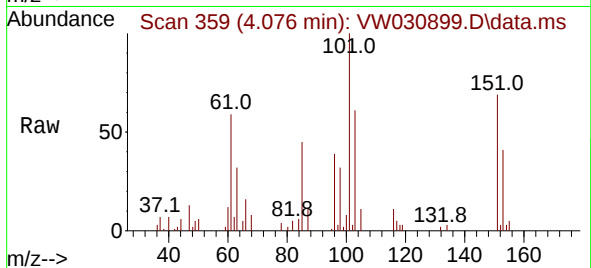
Tgt Ion:101 Resp: 13701

Ion Ratio Lower Upper

101 100

85 27.5 32.9 49.3#

151 29.2 51.0 76.6#



#12

1,1-Dichloroethene

Concen: 2.408 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

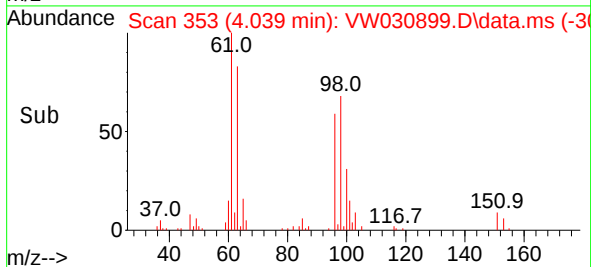
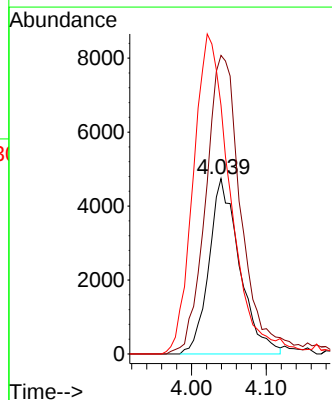
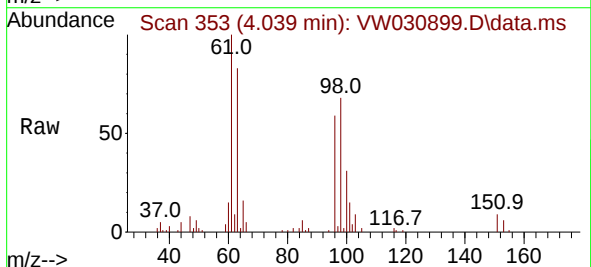
Tgt Ion: 96 Resp: 13530

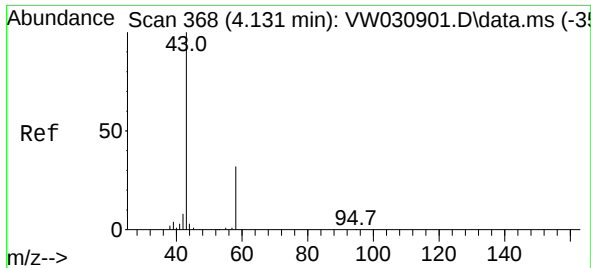
Ion Ratio Lower Upper

96 100

61 170.2 118.9 220.7

63 141.8 97.8 181.6





#13

Acetone

Concen: 4.770 ug/L

RT: 4.143 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

Instrument :

MSVOA_W

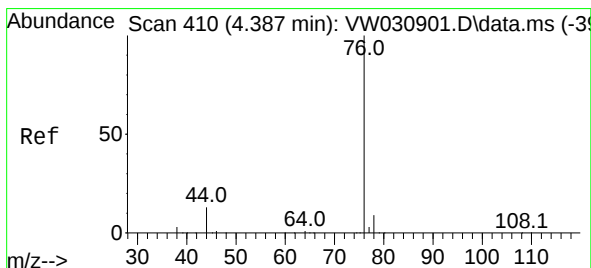
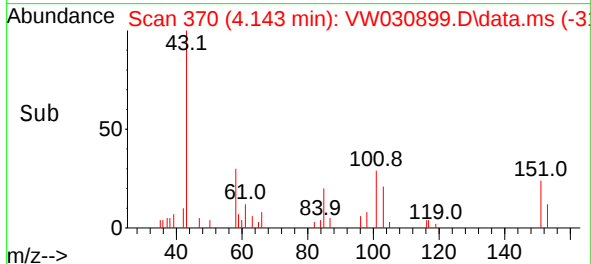
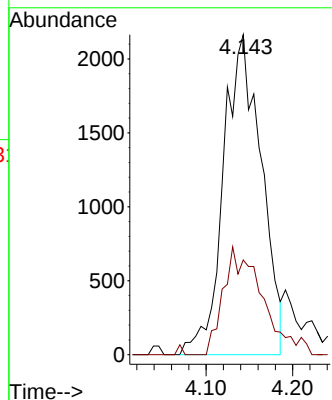
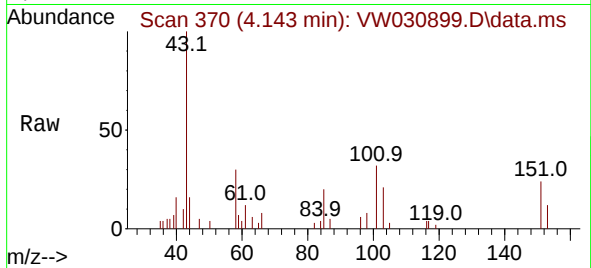
ClientSampleId :

Tgt Ion: 43 Resp: 6578

Ion Ratio Lower Upper

43 100

58 14.1 0.0 62.6



#14

Carbon disulfide

Concen: 2.472 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

Lab File: VW030899.D

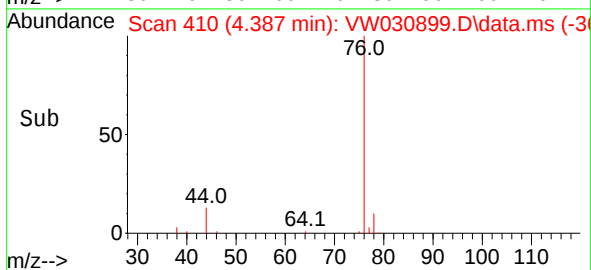
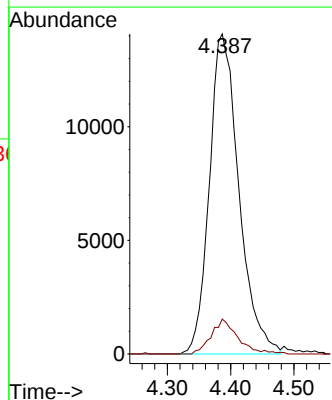
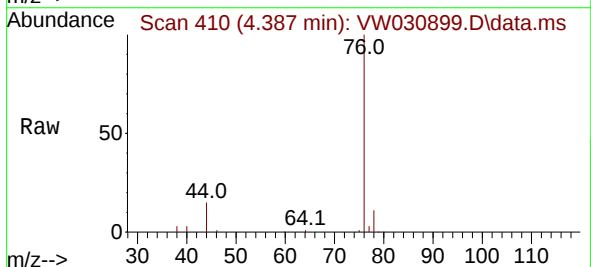
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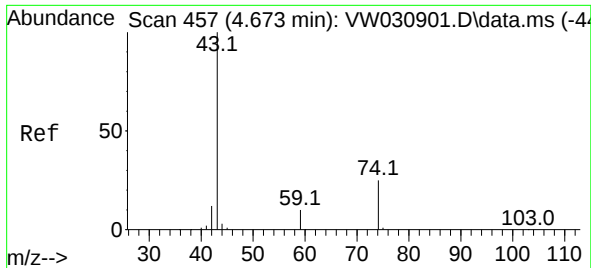
Tgt Ion: 76 Resp: 45665

Ion Ratio Lower Upper

76 100

78 10.9 7.1 10.7#

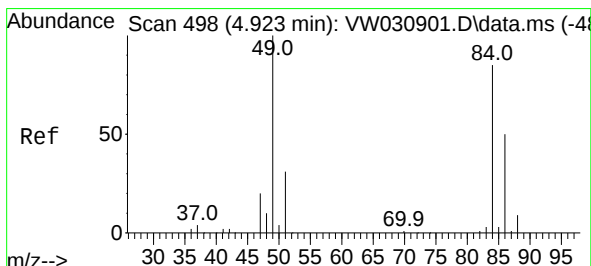
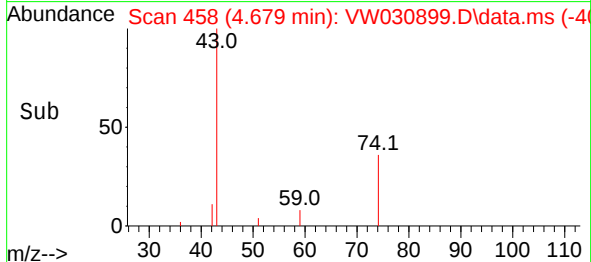
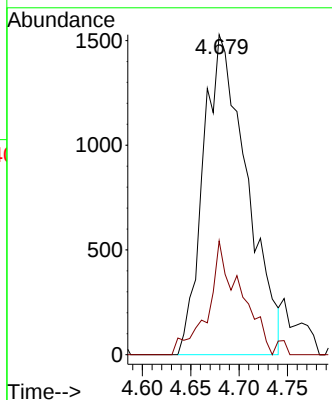
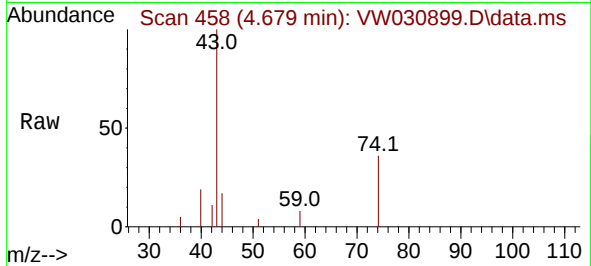




#15
Methyl Acetate
Concen: 2.270 ug/L
RT: 4.679 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW030899.D
Acq: 04 Nov 2024 10:15

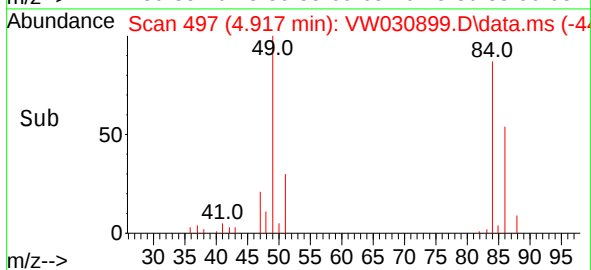
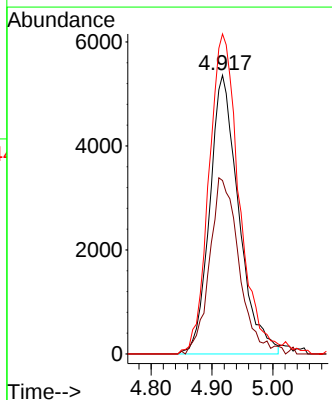
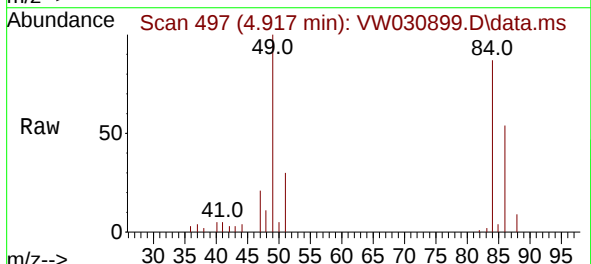
Instrument :
MSVOA_W
ClientSampleId :

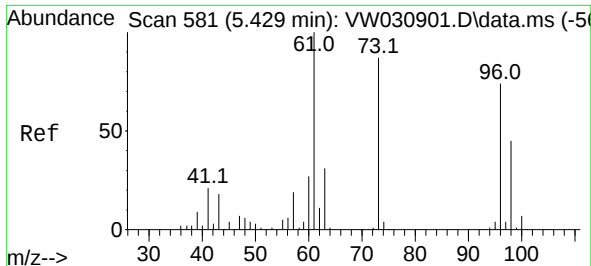
Tgt Ion: 43 Resp: 4770
Ion Ratio Lower Upper
43 100
74 7.1 20.2 30.2#



#16
Methylene chloride
Concen: 2.882 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030899.D
Acq: 04 Nov 2024 10:15

Tgt Ion: 84 Resp: 17710
Ion Ratio Lower Upper
84 100
86 62.2 41.8 77.6
49 114.8 82.8 153.8





#17

trans-1,2-Dichloroethene

Concen: 2.352 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

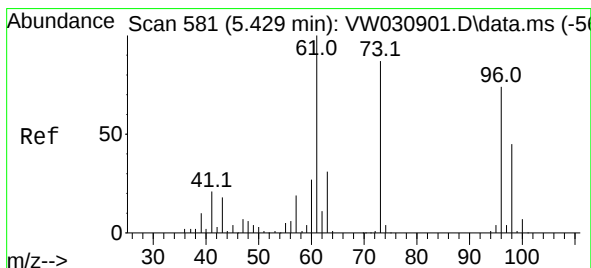
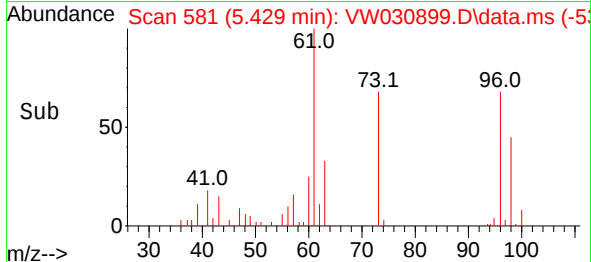
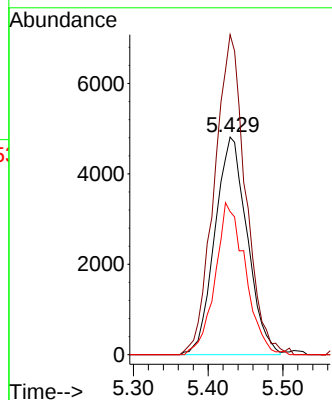
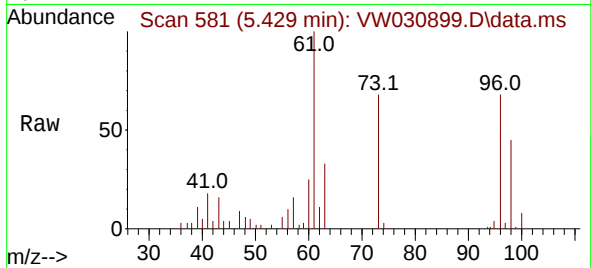
Tgt Ion: 96 Resp: 14495

Ion Ratio Lower Upper

96 100

61 147.1 95.2 176.8

98 65.7 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 0.813 ug/L

RT: 5.411 min Scan# 578

Delta R.T. -0.018 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

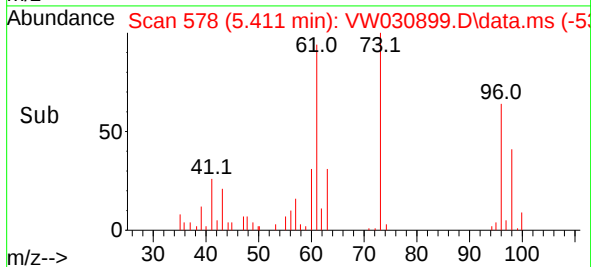
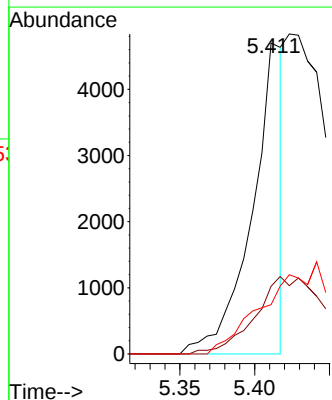
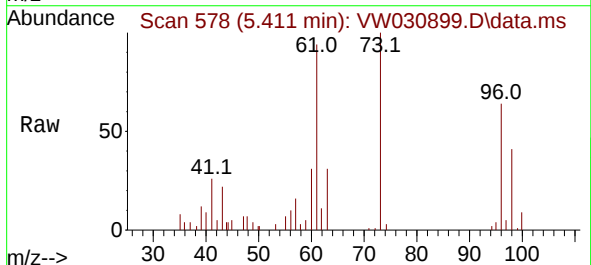
Tgt Ion: 73 Resp: 6766

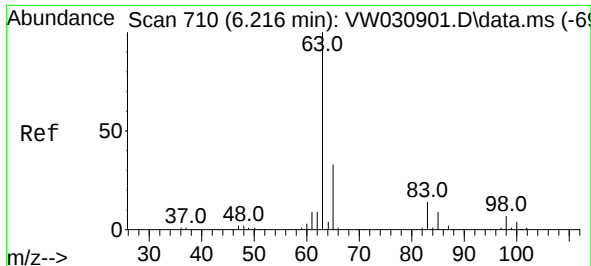
Ion Ratio Lower Upper

73 100

43 29.3 16.2 24.2#

57 41.5 17.3 25.9#

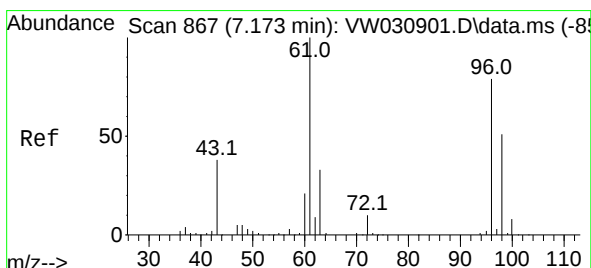
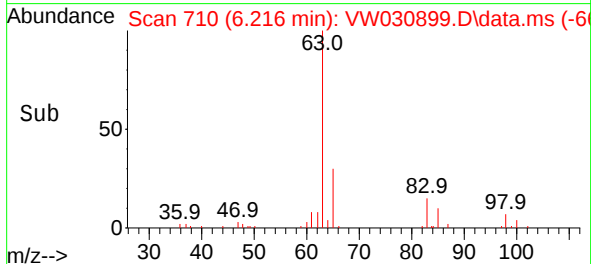
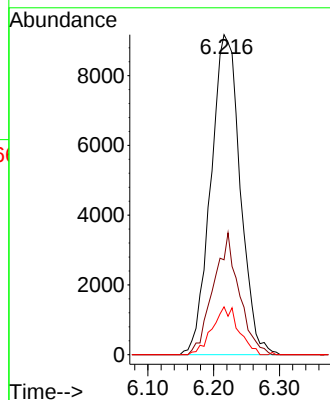
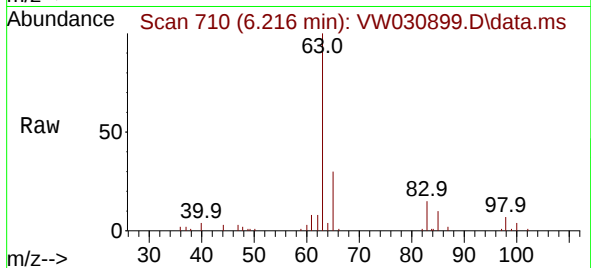




#19
1,1-Dichloroethane
Concen: 2.480 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW030899.D
Acq: 04 Nov 2024 10:15

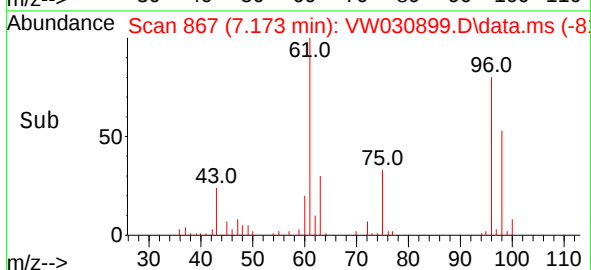
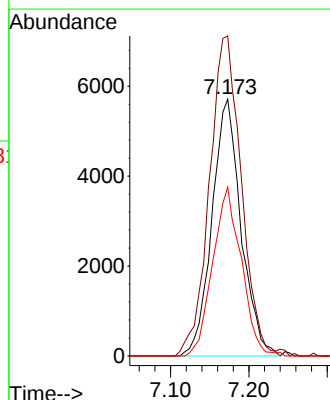
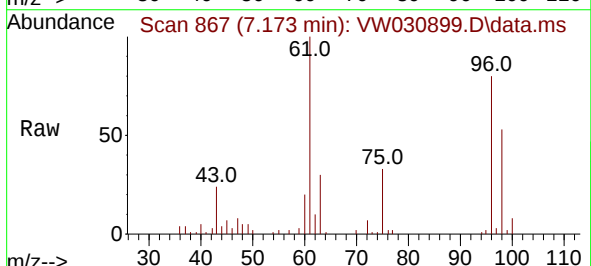
Instrument :
MSVOA_W
ClientSampleId :

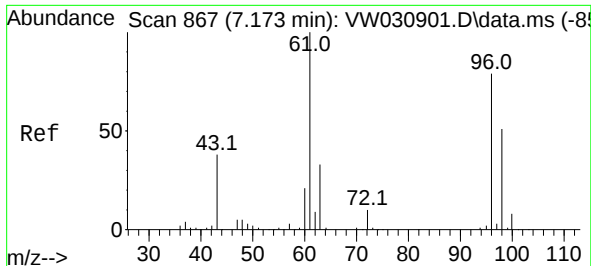
Tgt Ion:	63	Resp:	28530
Ion Ratio	Lower	Upper	
63	100		
65	29.7	23.0	42.8
83	15.0	9.8	18.2



#20
cis-1,2-Dichloroethene
Concen: 2.250 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW030899.D
Acq: 04 Nov 2024 10:15

Tgt Ion:	96	Resp:	14709
Ion Ratio	Lower	Upper	
96	100		
61	124.6	89.2	165.8
98	65.7	45.1	83.9

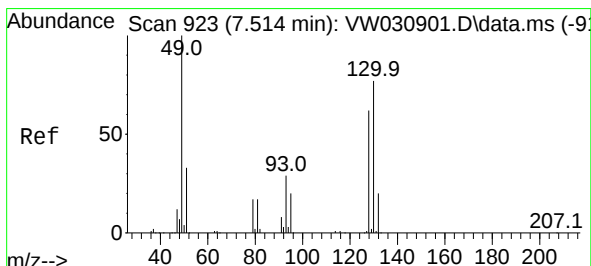
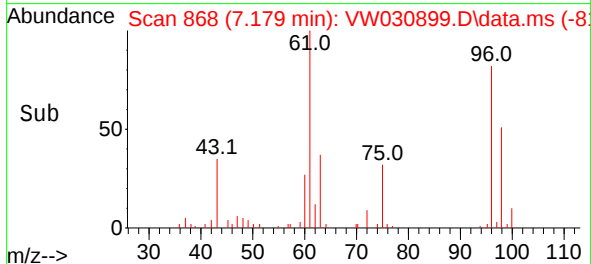
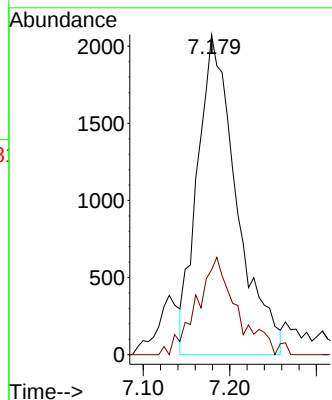
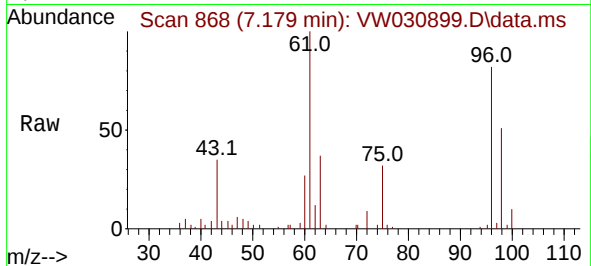




#22
2-Butanone
Concen: 4.098 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030899.D
Acq: 04 Nov 2024 10:15

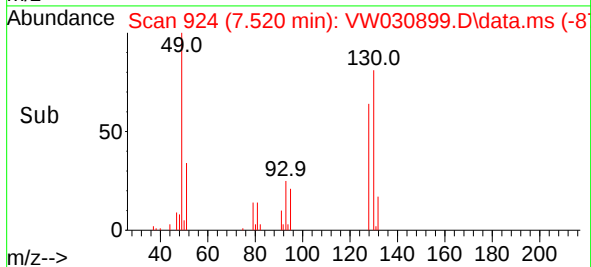
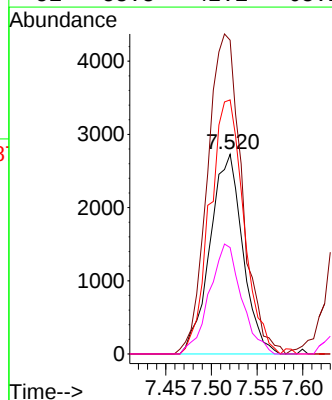
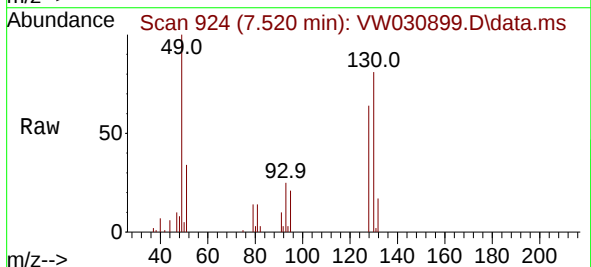
Instrument :
MSVOA_W
ClientSampleId :

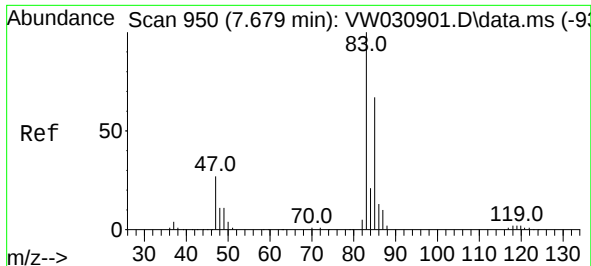
Tgt Ion: 43 Resp: 6523
Ion Ratio Lower Upper
43 100
72 26.4 14.5 43.6



#23
Bromochloromethane
Concen: 2.370 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW030899.D
Acq: 04 Nov 2024 10:15

Tgt Ion: 128 Resp: 6788
Ion Ratio Lower Upper
128 100
49 157.1 112.4 208.8
130 127.3 86.2 160.0
51 53.3 42.1 63.1





#25

Chloroform

Concen: 2.582 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

Instrument :

MSVOA_W

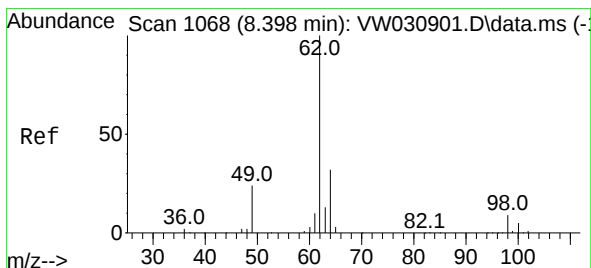
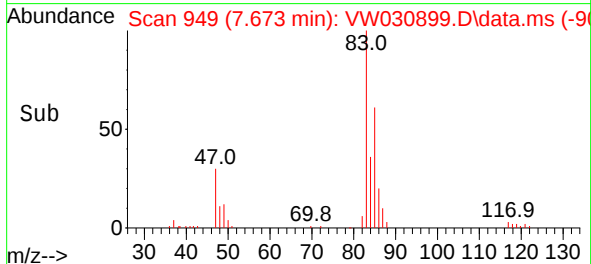
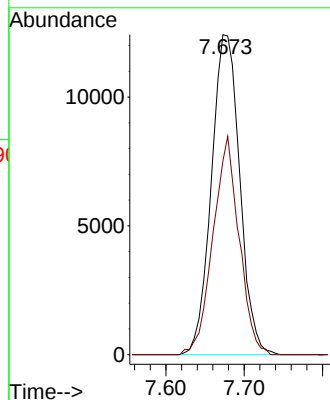
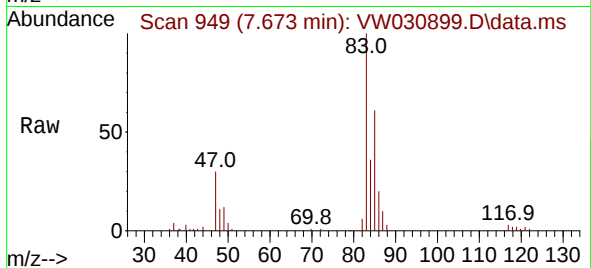
ClientSampleId :

Tgt Ion: 83 Resp: 31246

Ion Ratio Lower Upper

83 100

85 60.6 47.2 87.6



#27

1,2-Dichloroethane

Concen: 2.524 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030899.D

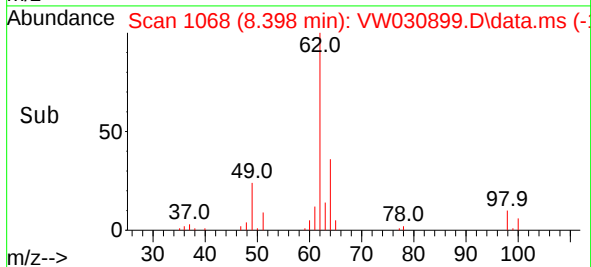
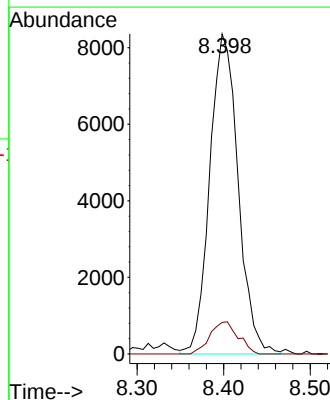
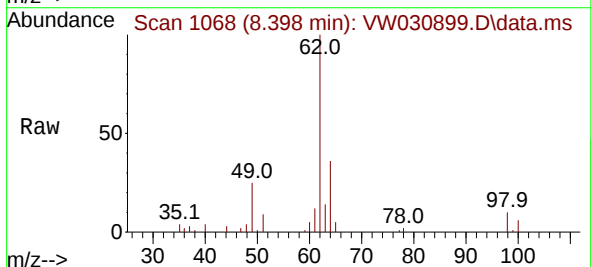
Acq: 04 Nov 2024 10:15

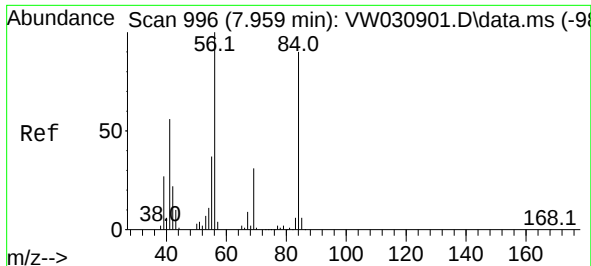
Tgt Ion: 62 Resp: 19024

Ion Ratio Lower Upper

62 100

98 9.8 7.1 10.7





#29

Cyclohexane

Concen: 1.988 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

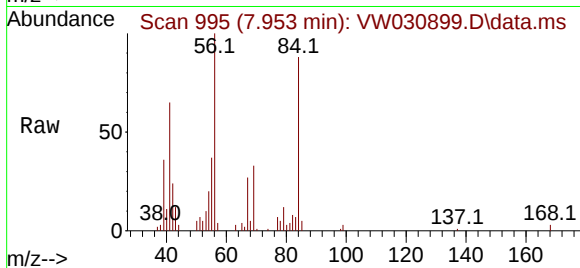
Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :



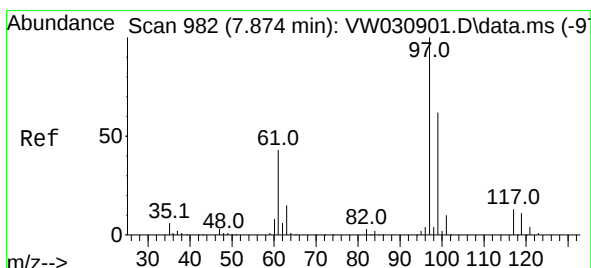
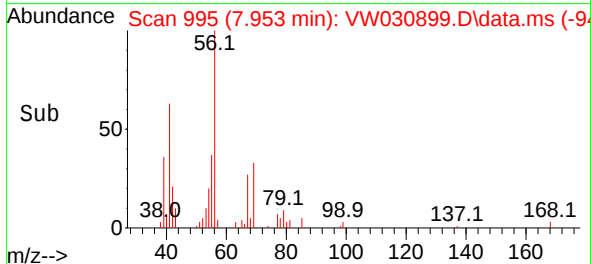
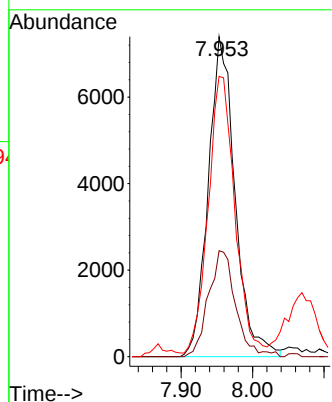
Tgt Ion: 56 Resp: 19225

Ion Ratio Lower Upper

56 100

69 32.7 24.8 37.2

84 88.6 69.5 104.3



#30

1,1,1-Trichloroethane

Concen: 2.468 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

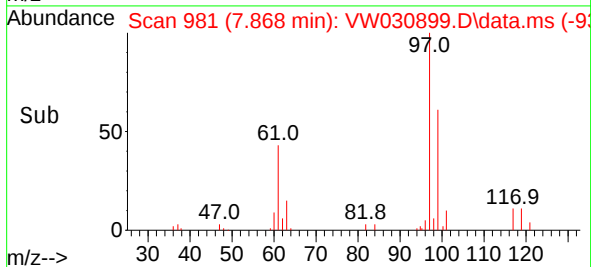
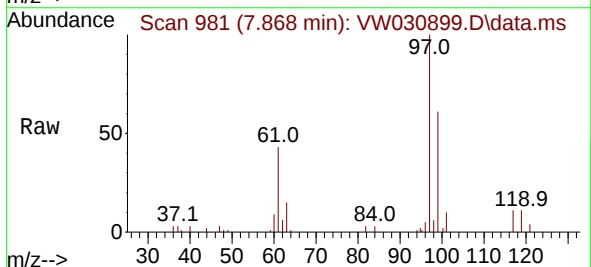
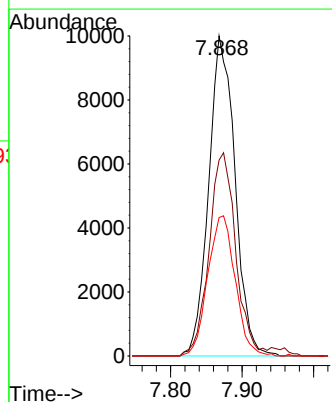
Tgt Ion: 97 Resp: 25573

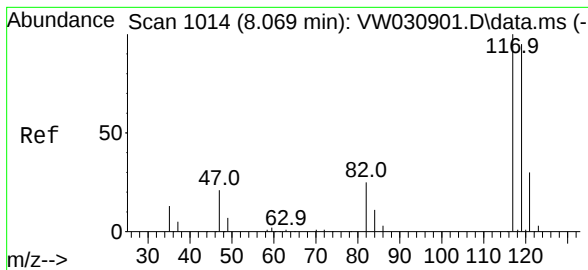
Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 45.6 36.2 54.4

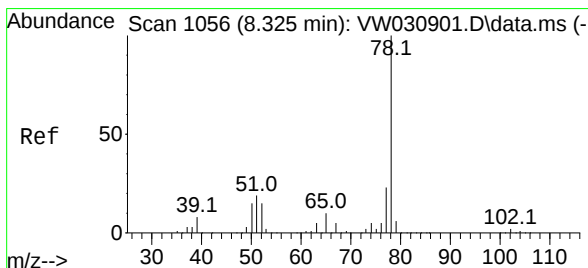
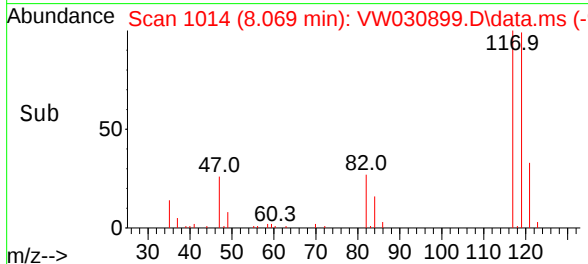
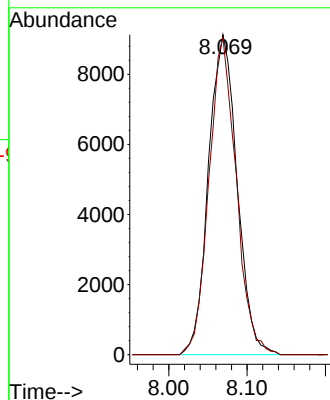
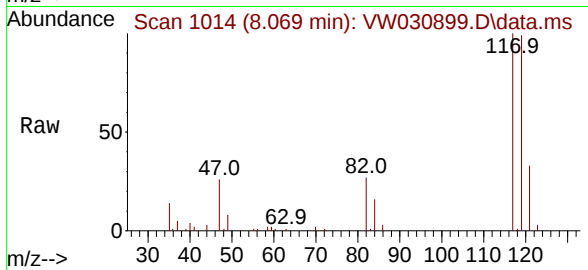




#31
Carbon tetrachloride
Concen: 2.485 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030899.D
Acq: 04 Nov 2024 10:15

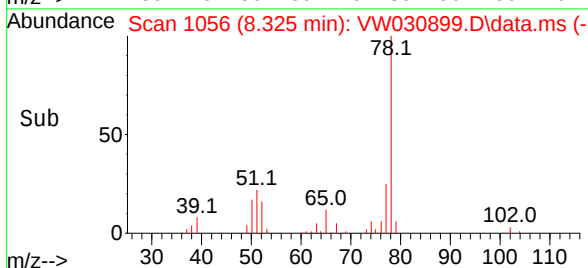
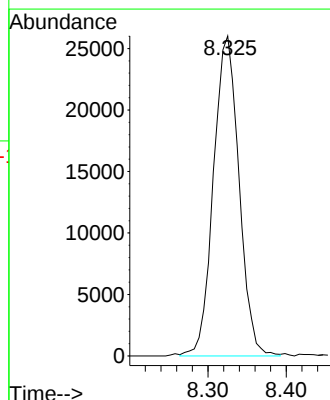
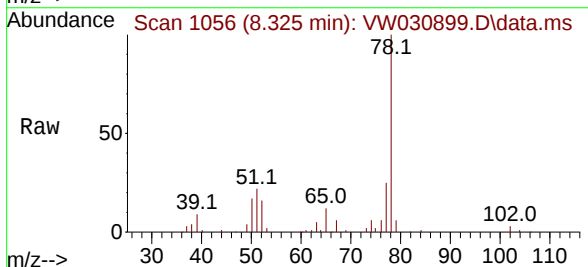
Instrument :
MSVOA_W
ClientSampleId :

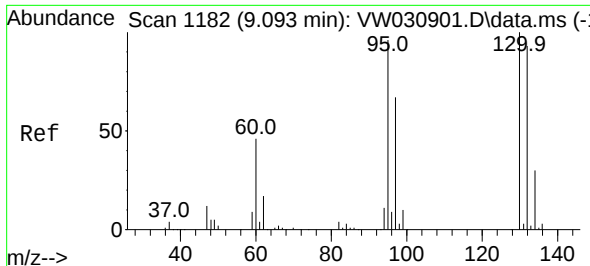
Tgt Ion:117 Resp: 23145
Ion Ratio Lower Upper
117 100
119 94.4 76.2 114.2



#33
Benzene
Concen: 2.268 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030899.D
Acq: 04 Nov 2024 10:15

Tgt Ion: 78 Resp: 58983

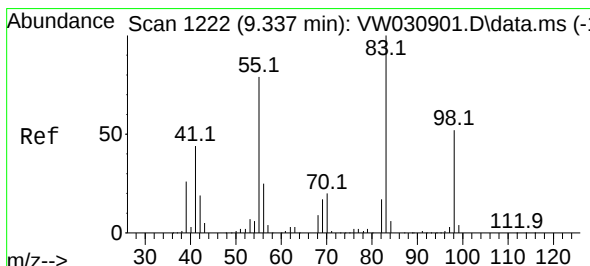
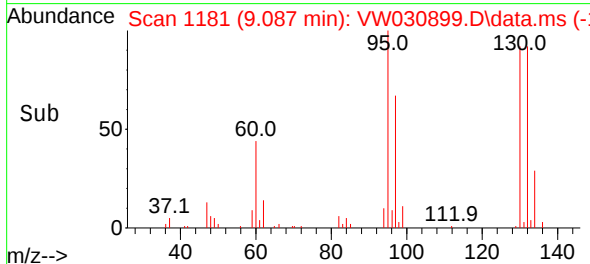
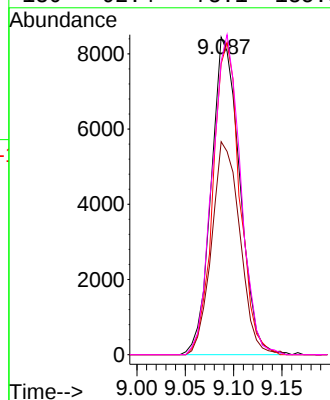
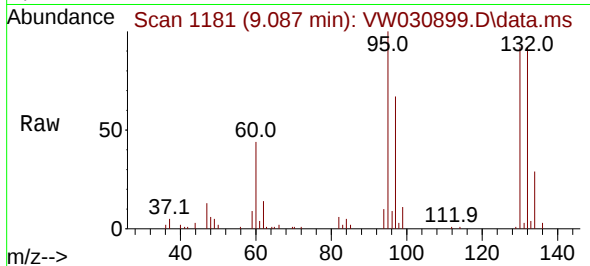




#34
Trichloroethene
Concen: 2.402 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW030899.D
Acq: 04 Nov 2024 10:15

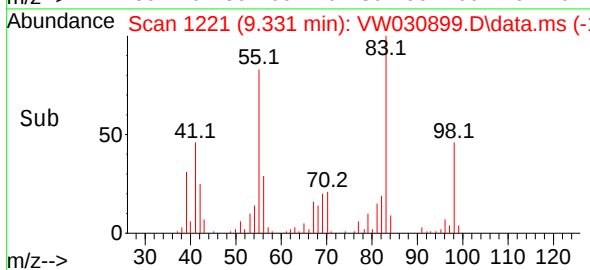
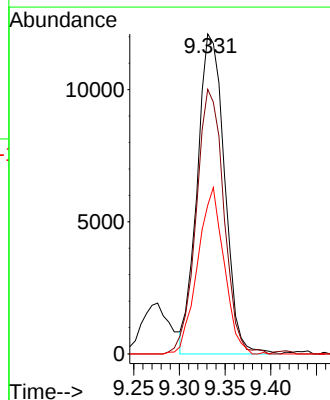
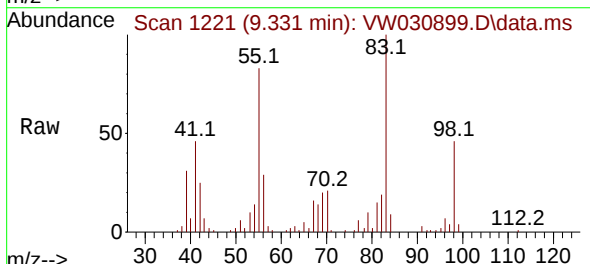
Instrument :
MSVOA_W
ClientSampleId :

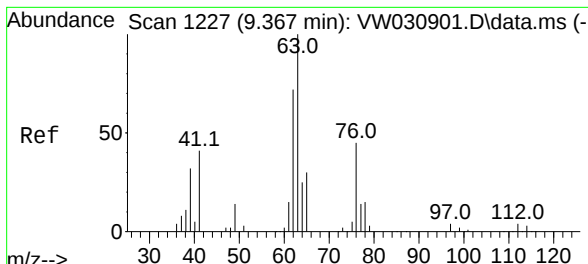
Tgt Ion: 95 Resp: 17225
Ion Ratio Lower Upper
95 100
97 67.1 48.9 90.7
132 91.6 67.7 125.7
130 92.4 73.1 135.8



#35
Methylcyclohexane
Concen: 2.209 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW030899.D
Acq: 04 Nov 2024 10:15

Tgt Ion: 83 Resp: 25102
Ion Ratio Lower Upper
83 100
55 83.4 62.8 94.2
98 50.5 39.4 59.2



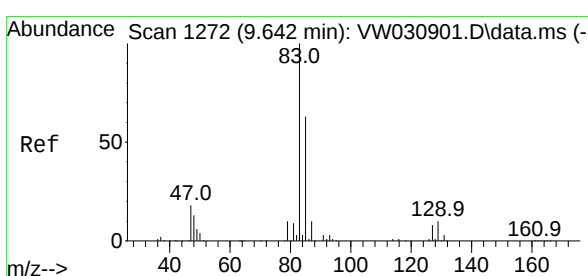
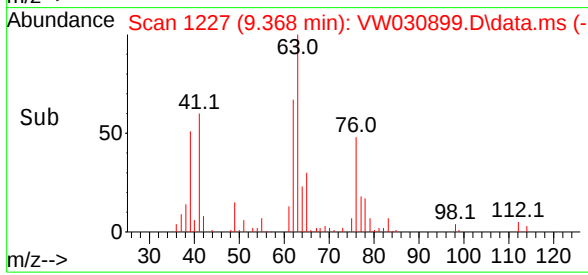
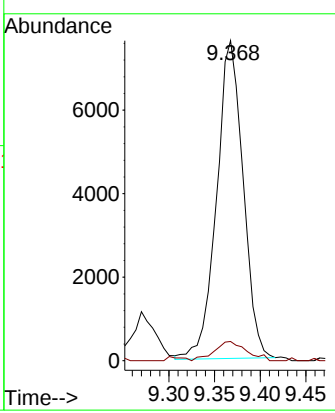
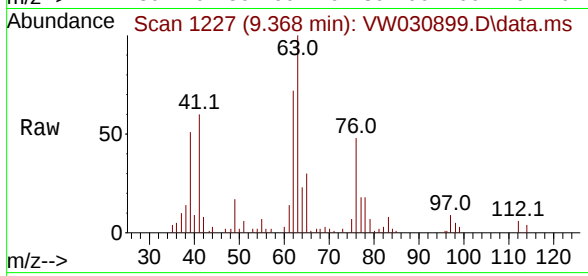


#37
 1,2-Dichloropropane
 Concen: 2.364 ug/L
 RT: 9.368 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW030899.D
 Acq: 04 Nov 2024 10:15

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 63 Resp: 15366

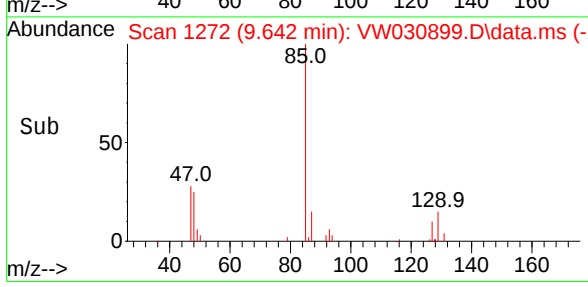
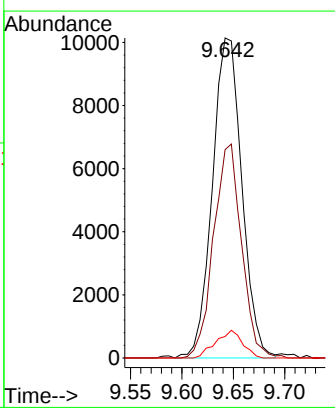
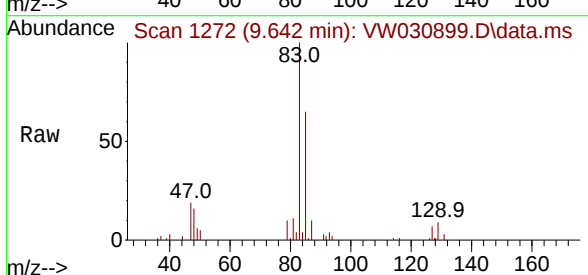
Ion	Ratio	Lower	Upper
63	100		
112	6.9	3.5	5.3#

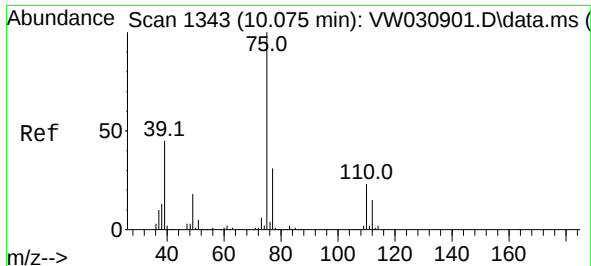


#38
 Bromodichloromethane
 Concen: 2.369 ug/L
 RT: 9.642 min Scan# 1272
 Delta R.T. 0.000 min
 Lab File: VW030899.D
 Acq: 04 Nov 2024 10:15

Tgt Ion: 83 Resp: 20216

Ion	Ratio	Lower	Upper
83	100		
85	65.1	44.1	81.9
127	7.6	6.4	9.6





#39

cis-1,3-Dichloropropene

Concen: 2.016 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

Instrument :

MSVOA_W

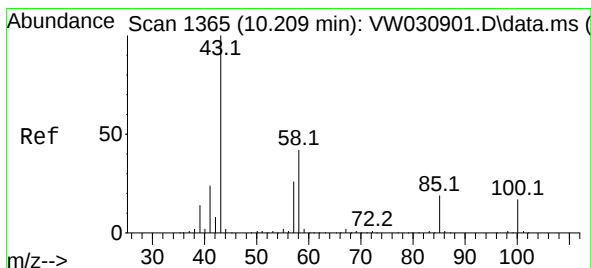
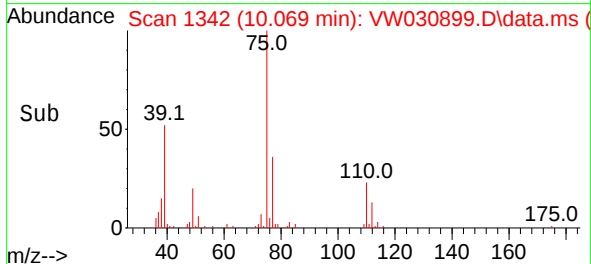
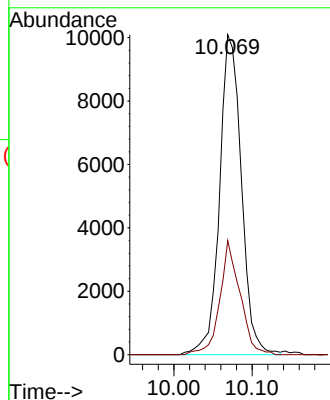
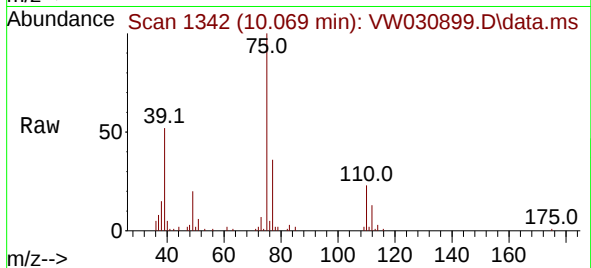
ClientSampleId :

Tgt Ion: 75 Resp: 19604

Ion Ratio Lower Upper

75 100

77 35.6 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 3.898 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

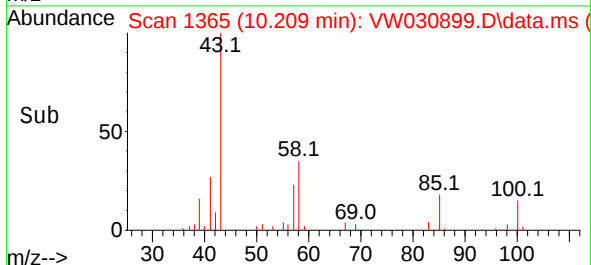
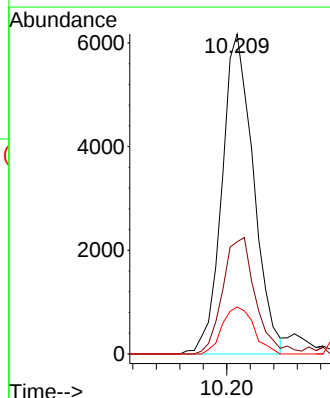
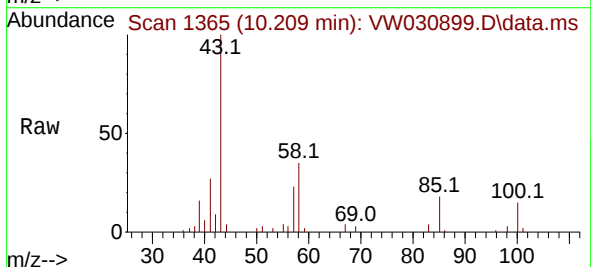
Tgt Ion: 43 Resp: 11496

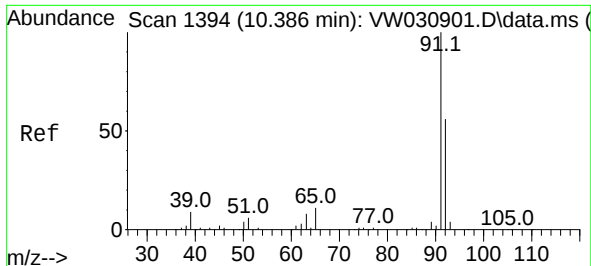
Ion Ratio Lower Upper

43 100

58 37.9 32.2 48.4

100 14.7 13.3 19.9

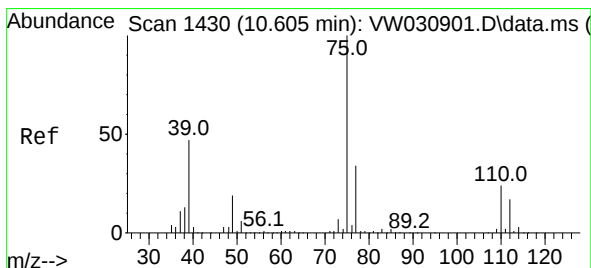
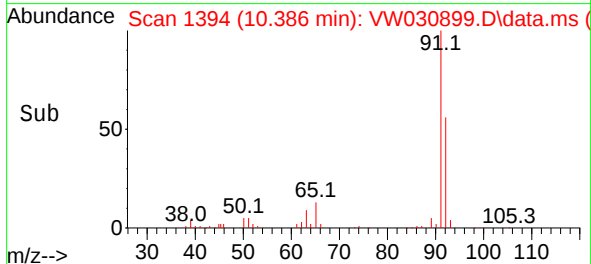
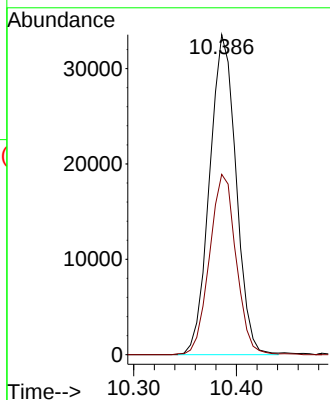
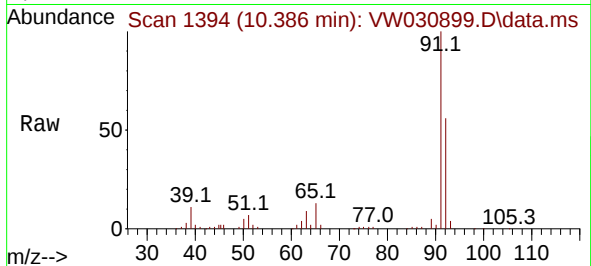




#42
Toluene
Concen: 2.177 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW030899.D
Acq: 04 Nov 2024 10:15

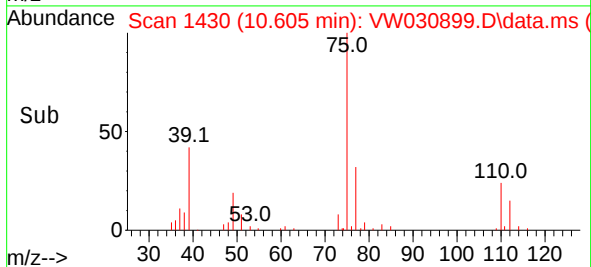
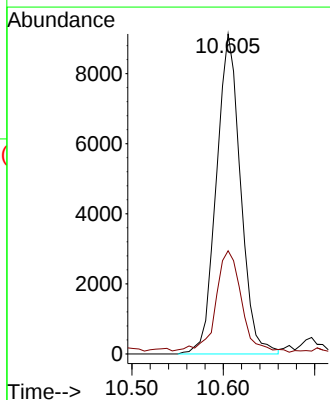
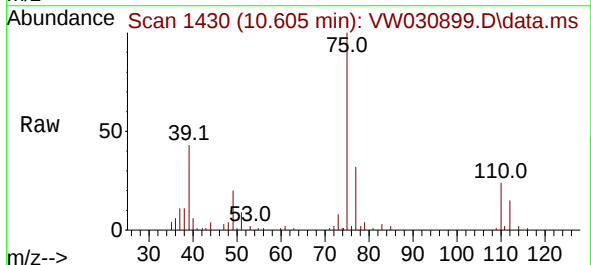
Instrument :
MSVOA_W
ClientSampleId :

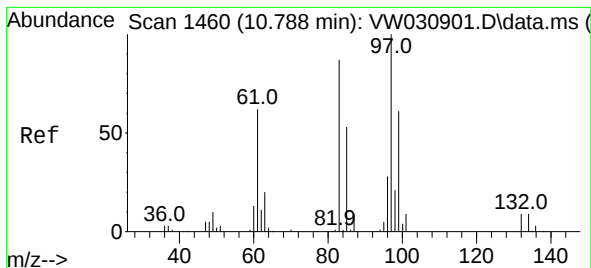
Tgt Ion: 91 Resp: 59940
Ion Ratio Lower Upper
91 100
92 56.4 39.4 73.2



#44
trans-1,3-Dichloropropene
Concen: 2.083 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030899.D
Acq: 04 Nov 2024 10:15

Tgt Ion: 75 Resp: 16826
Ion Ratio Lower Upper
75 100
77 32.2 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 2.469 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 11520

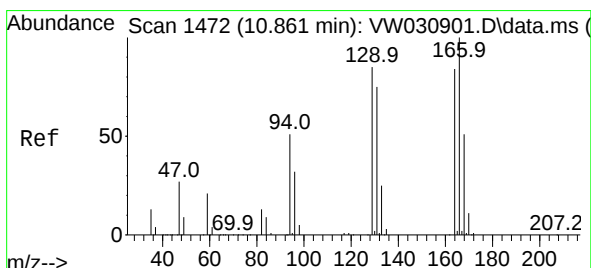
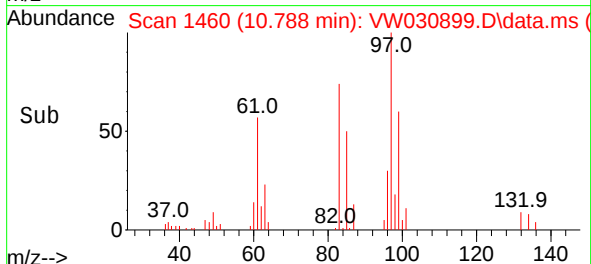
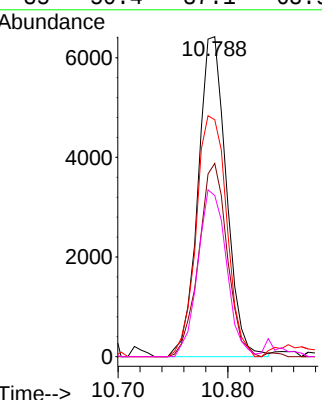
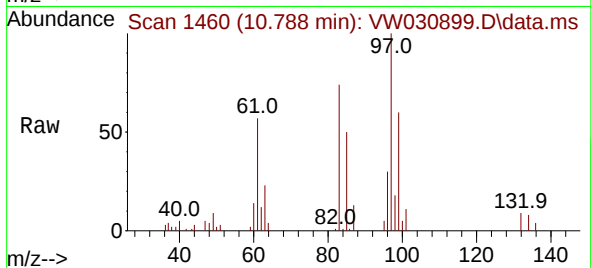
Ion Ratio Lower Upper

97 100

99 60.4 42.8 79.4

83 74.1 60.6 112.6

85 50.4 37.1 68.9



#46

Tetrachloroethene

Concen: 2.419 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

Tgt Ion:164 Resp: 13263

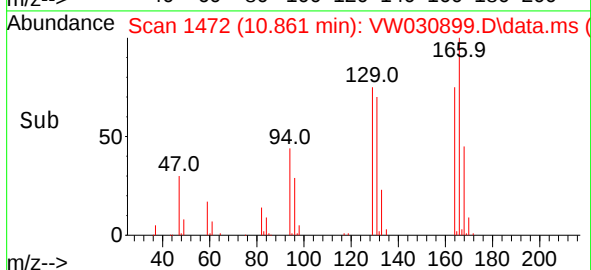
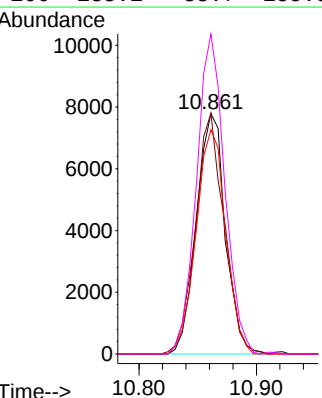
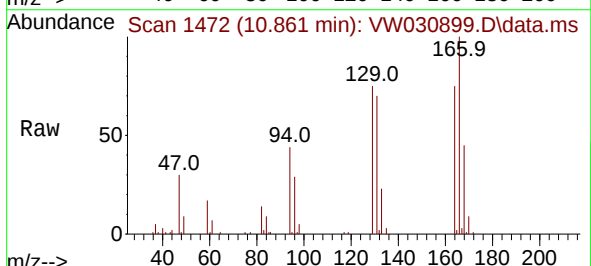
Ion Ratio Lower Upper

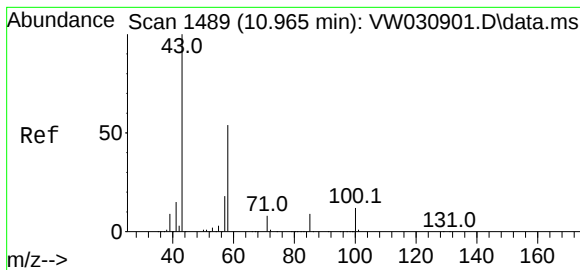
164 100

129 100.1 71.1 132.1

131 93.2 62.6 116.3

166 133.1 83.7 155.5

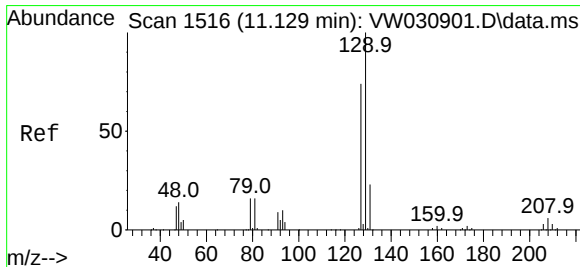
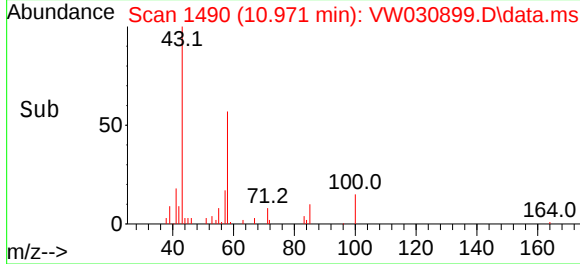
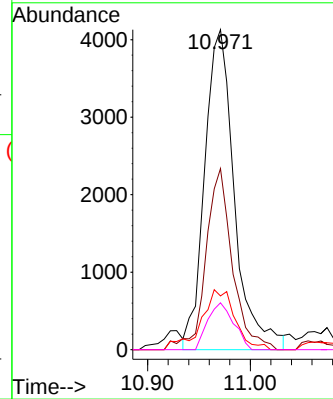
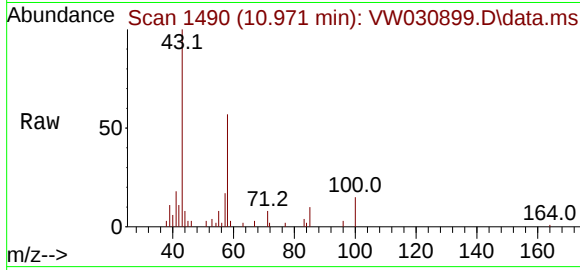




#48
2-Hexanone
Concen: 3.689 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW030899.D
Acq: 04 Nov 2024 10:15

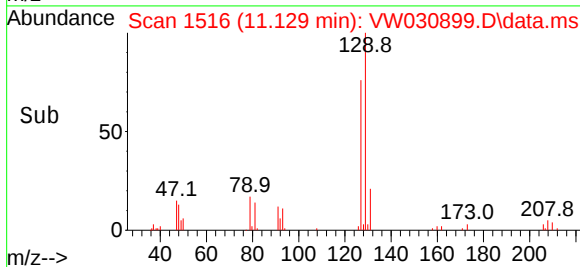
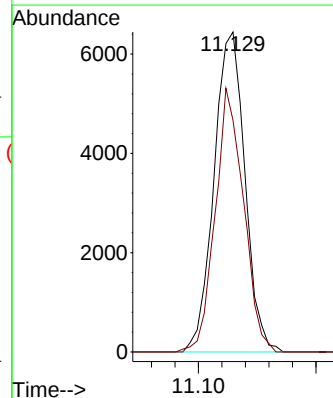
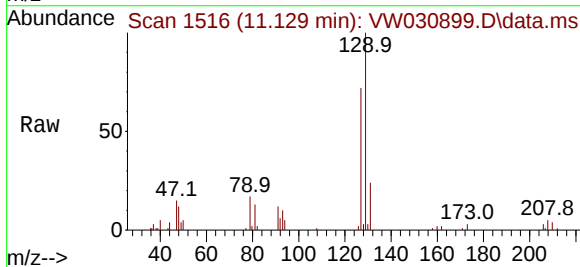
Instrument :
MSVOA_W
ClientSampleId :

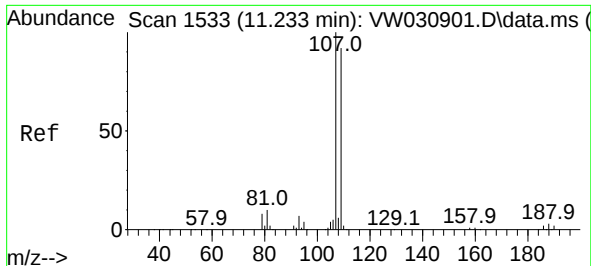
Tgt Ion:	43	Resp:	8342
Ion	Ratio	Lower	Upper
43	100		
58	48.1	43.8	65.8
57	18.8	15.4	23.2
100	12.7	10.2	15.2



#49
Dibromochloromethane
Concen: 2.315 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030899.D
Acq: 04 Nov 2024 10:15

Tgt Ion:	129	Resp:	11776
Ion	Ratio	Lower	Upper
129	100		
127	72.5	52.1	96.7





#50

1,2-Dibromoethane

Concen: 2.285 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030899.D

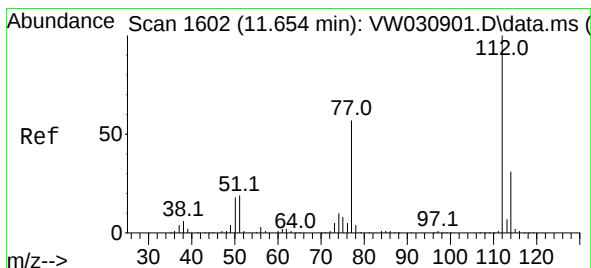
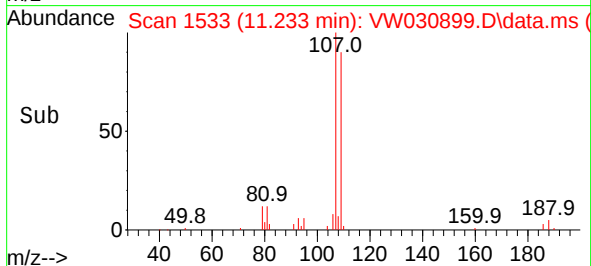
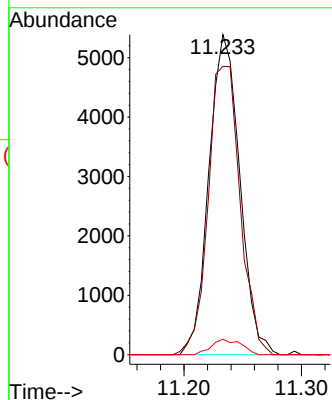
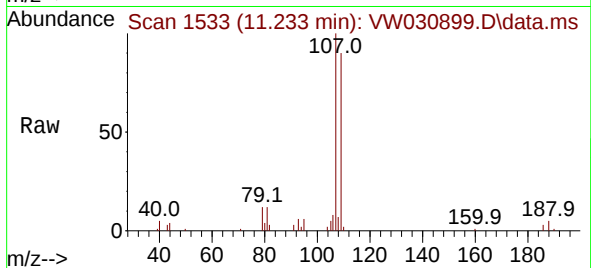
Acq: 04 Nov 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	9829
Ion Ratio	Lower	Upper	
107	100		
109	90.1	64.3	119.3
188	4.8	2.7	4.1#



#51

Chlorobenzene

Concen: 2.395 ug/L

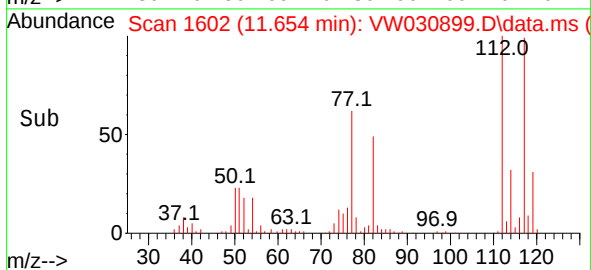
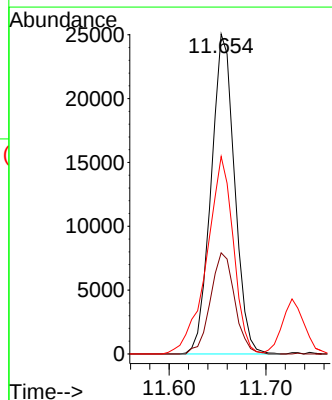
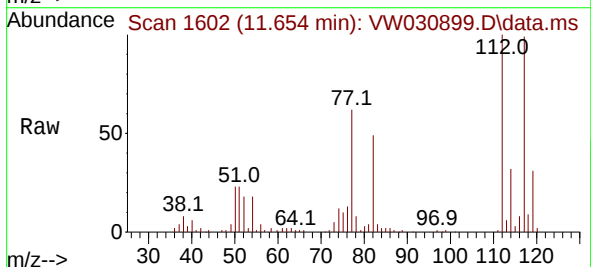
RT: 11.654 min Scan# 1602

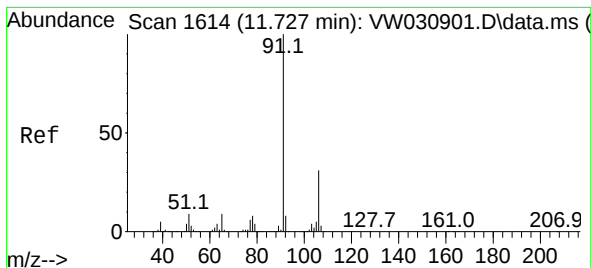
Delta R.T. 0.000 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

Tgt Ion:	112	Resp:	42208
Ion Ratio	Lower	Upper	
112	100		
114	31.6	21.9	40.7
77	61.7	45.3	67.9





#52

Ethylbenzene

Concen: 2.119 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

Instrument :

MSVOA_W

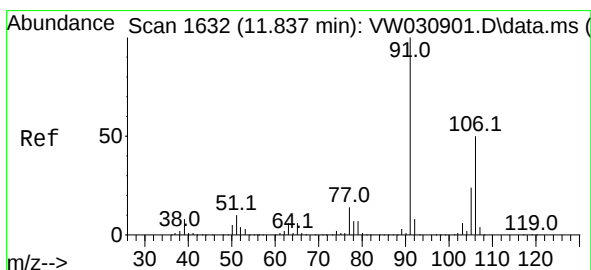
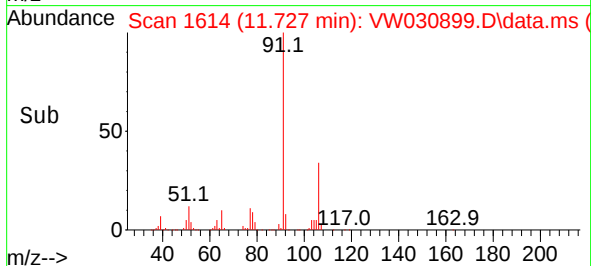
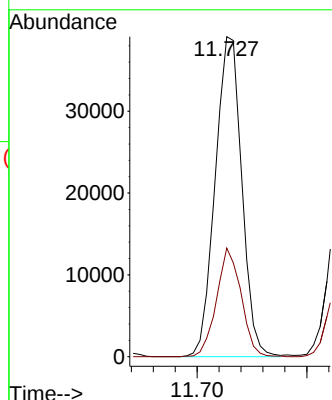
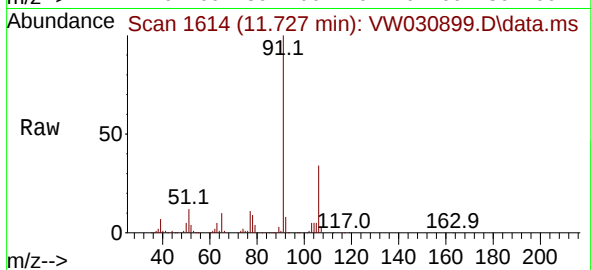
ClientSampleId :

Tgt Ion: 91 Resp: 65938

Ion Ratio Lower Upper

91 100

106 34.0 21.6 40.0



#53

m,p-Xylene

Concen: 2.097 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030899.D

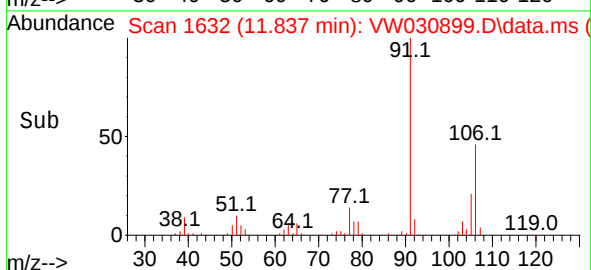
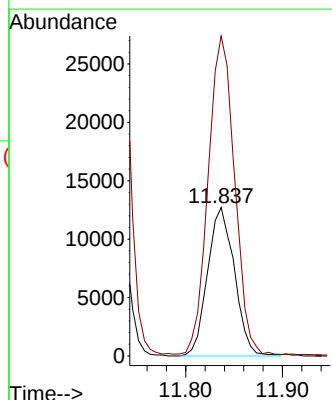
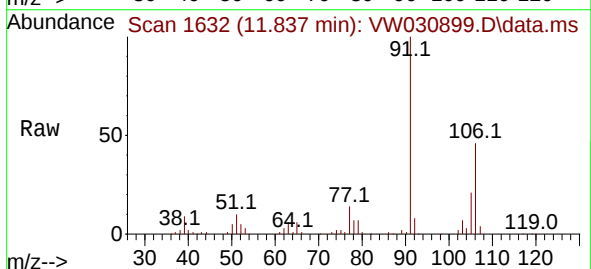
Acq: 04 Nov 2024 10:15

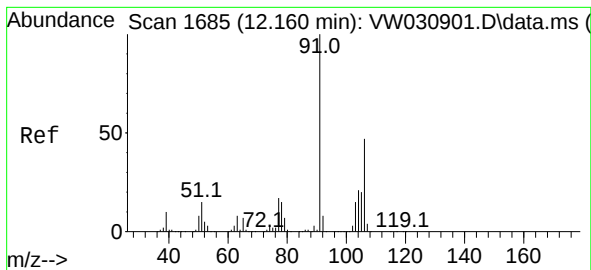
Tgt Ion:106 Resp: 24543

Ion Ratio Lower Upper

106 100

91 215.5 140.7 261.3





#54

o-Xylene

Concen: 1.997 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

Instrument :

MSVOA_W

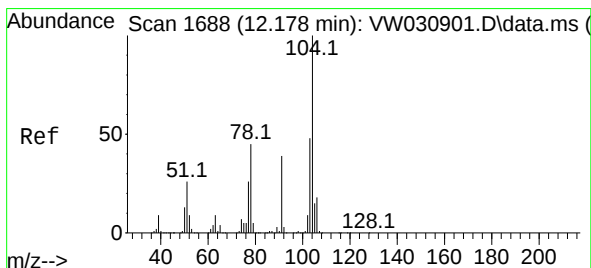
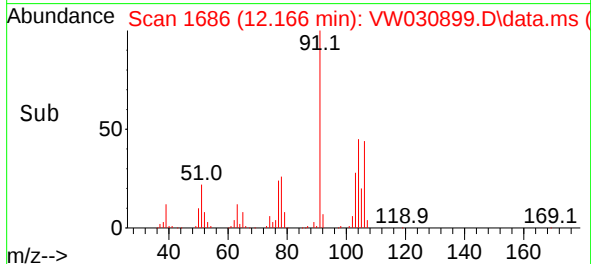
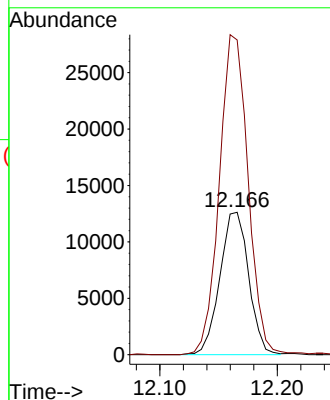
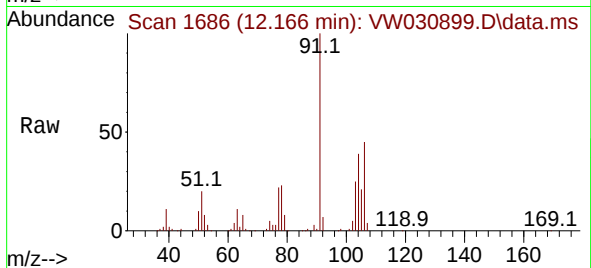
ClientSampleId :

Tgt Ion:106 Resp: 21499

Ion Ratio Lower Upper

106 100

91 221.0 149.9 278.3



#55

Styrene

Concen: 1.925 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030899.D

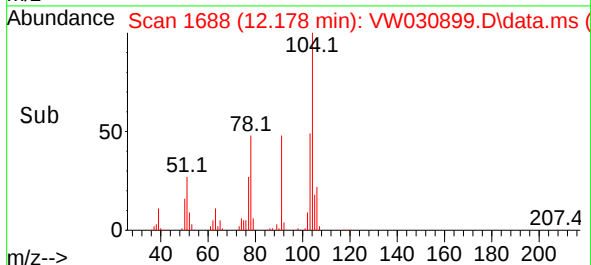
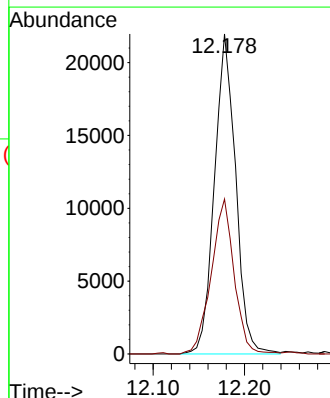
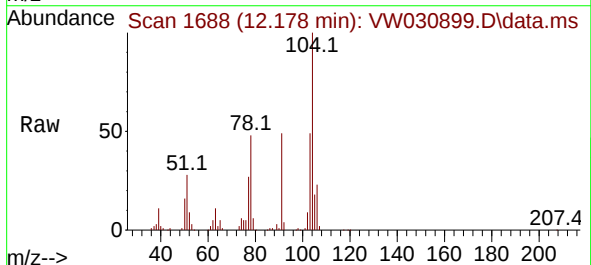
Acq: 04 Nov 2024 10:15

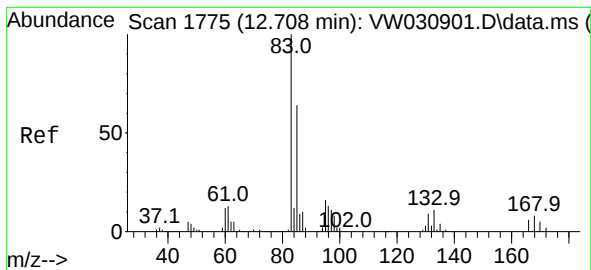
Tgt Ion:104 Resp: 35407

Ion Ratio Lower Upper

104 100

78 48.4 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 2.373 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

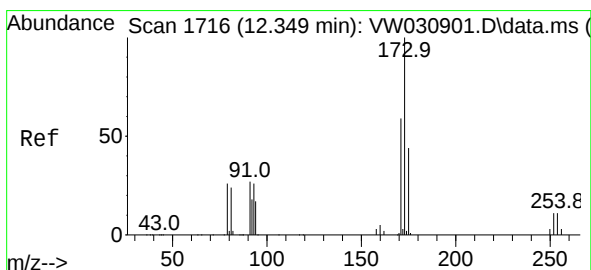
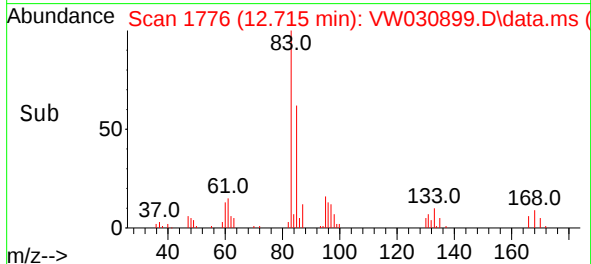
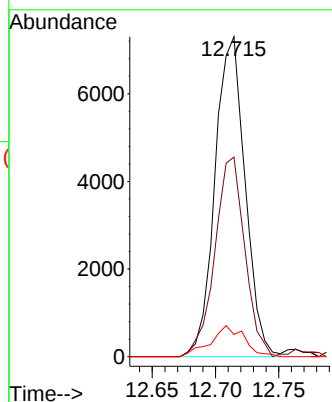
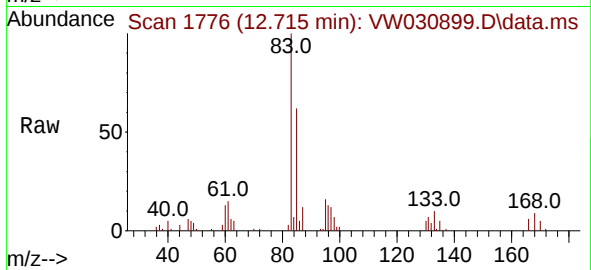
Tgt Ion: 83 Resp: 12083

Ion Ratio Lower Upper

83 100

85 62.4 45.1 83.7

131 7.0 7.7 11.5#



#59

Bromoform

Concen: 2.273 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

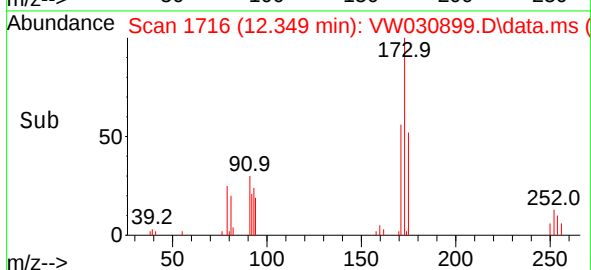
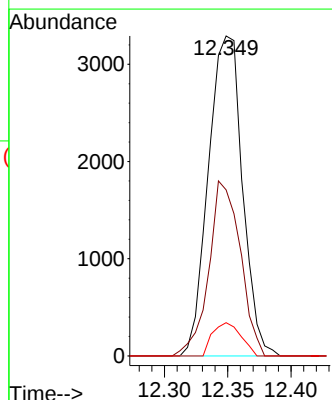
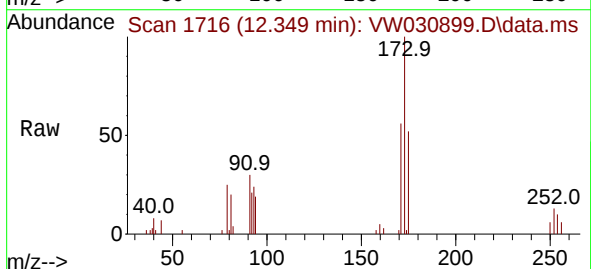
Tgt Ion:173 Resp: 6176

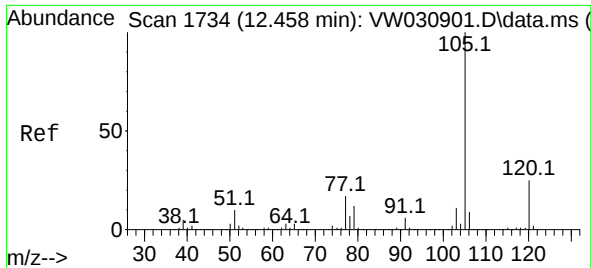
Ion Ratio Lower Upper

173 100

175 50.4 39.3 58.9

254 8.6 7.8 11.6

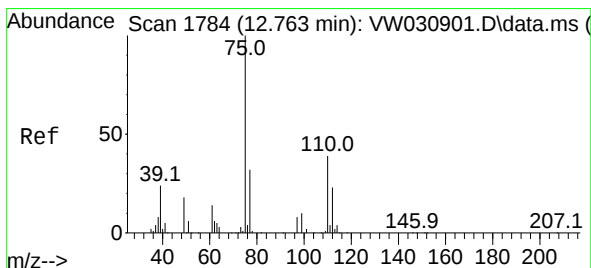
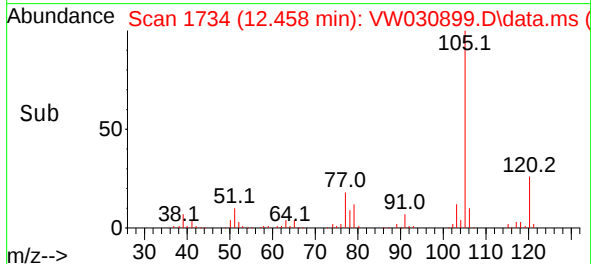
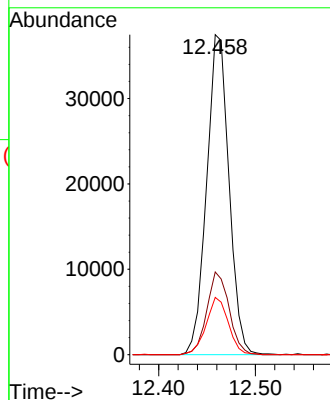
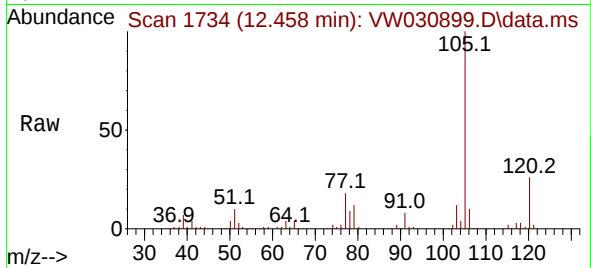




#60
Isopropylbenzene
Concen: 2.075 ug/L
RT: 12.458 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030899.D
Acq: 04 Nov 2024 10:15

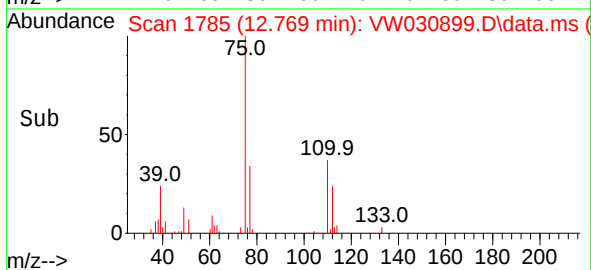
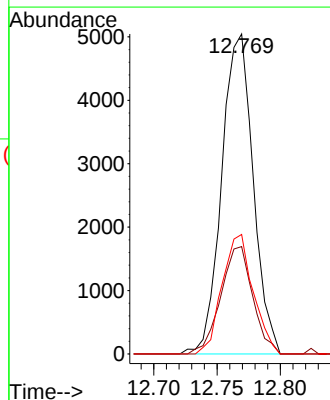
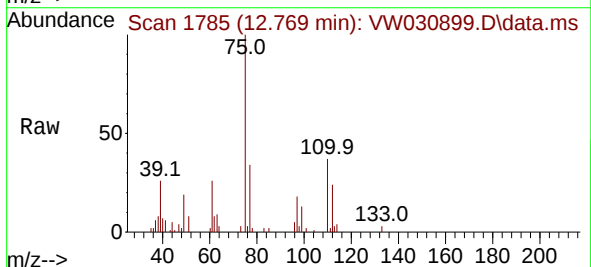
Instrument :
MSVOA_W
ClientSampleId :

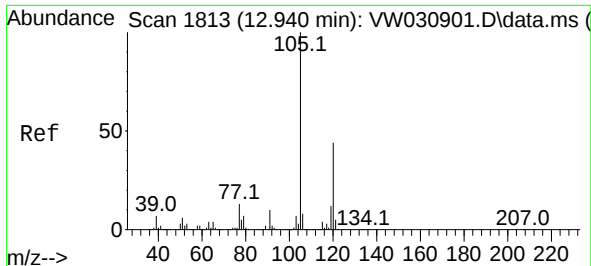
Tgt Ion:	105	Resp:	60248
Ion Ratio	Lower	Upper	
105	100		
120	25.8	20.6	31.0
77	17.9	13.0	19.4



#61
1,2,3-Trichloropropane
Concen: 2.447 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW030899.D
Acq: 04 Nov 2024 10:15

Tgt Ion:	75	Resp:	8731
Ion Ratio	Lower	Upper	
75	100		
77	34.1	26.2	39.2
110	36.7	31.8	47.8





#62

1,3,5-Trimethylbenzene

Concen: 1.983 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

Instrument :

MSVOA_W

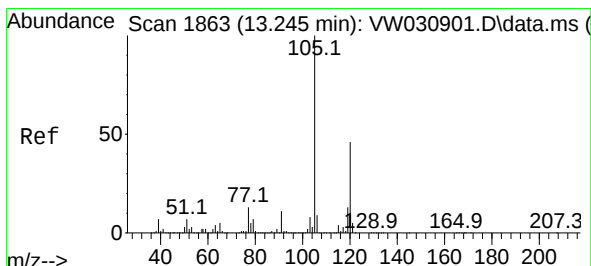
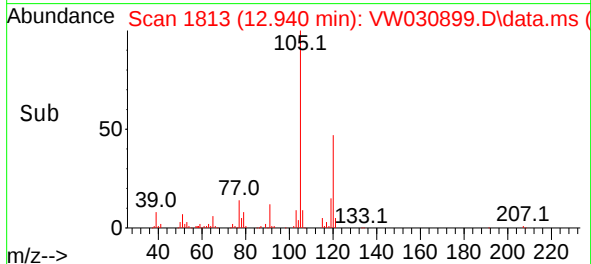
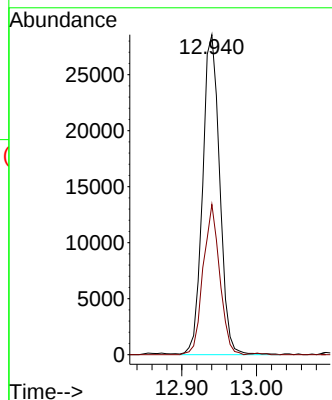
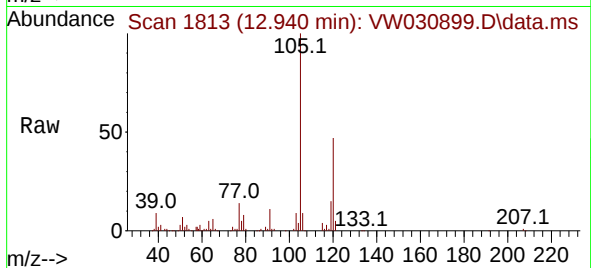
ClientSampleId :

Tgt Ion:105 Resp: 45334

Ion Ratio Lower Upper

105 100

120 45.4 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 1.900 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW030899.D

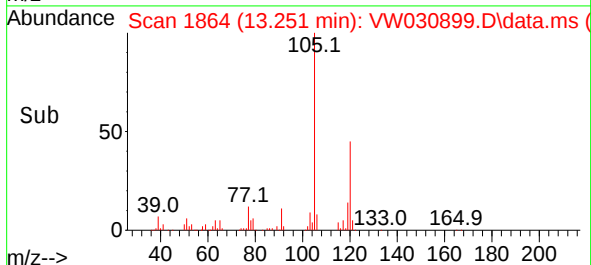
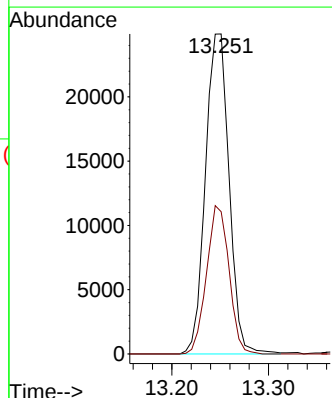
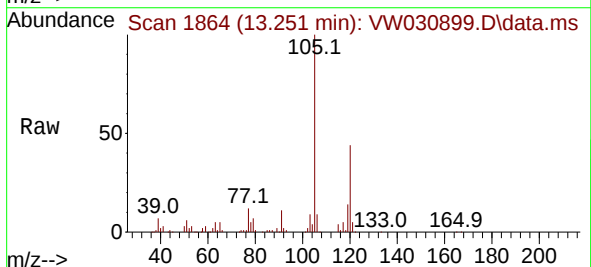
Acq: 04 Nov 2024 10:15

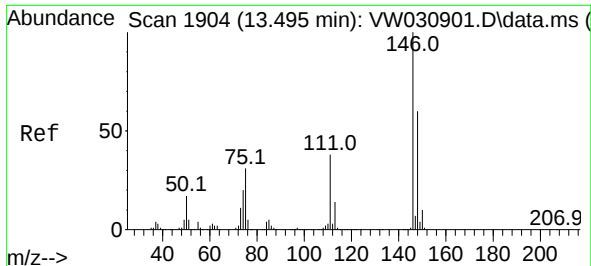
Tgt Ion:105 Resp: 42286

Ion Ratio Lower Upper

105 100

120 44.0 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 2.405 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

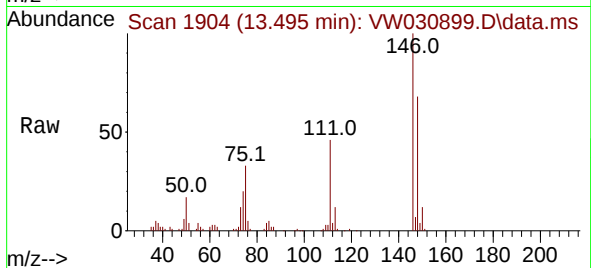
Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :



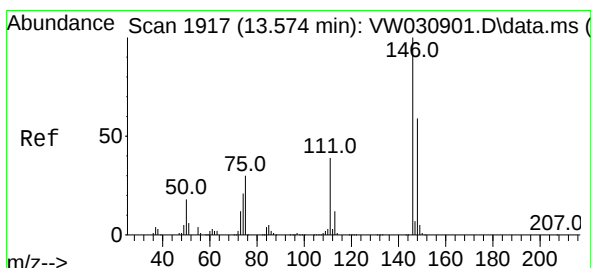
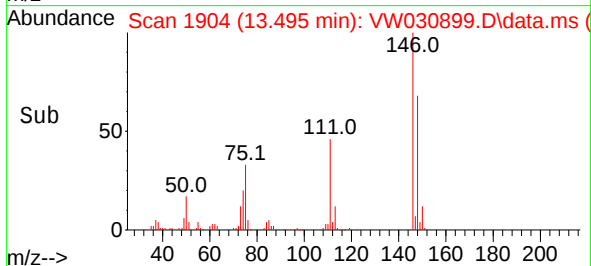
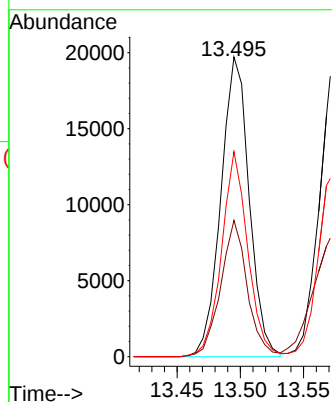
Tgt Ion:146 Resp: 30653

Ion Ratio Lower Upper

146 100

111 45.5 26.8 49.8

148 68.5 41.8 77.6



#65

1,4-Dichlorobenzene

Concen: 2.538 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

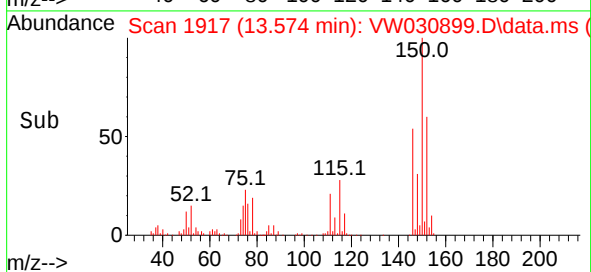
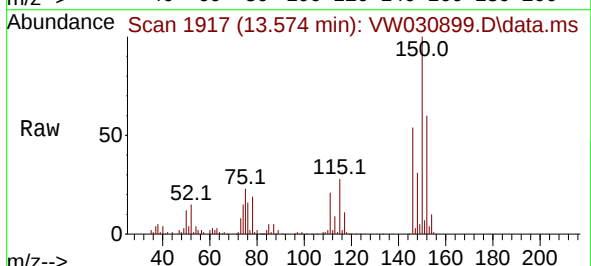
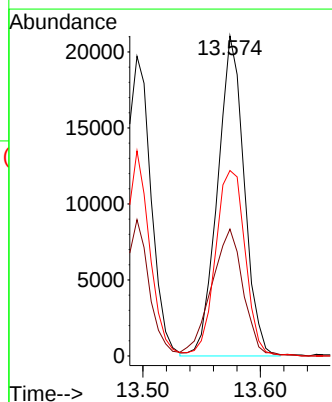
Tgt Ion:146 Resp: 33217

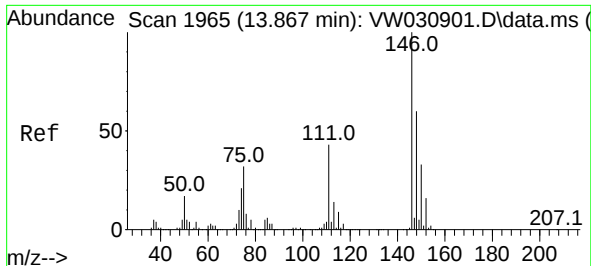
Ion Ratio Lower Upper

146 100

111 39.6 27.6 51.4

148 58.0 41.6 77.2

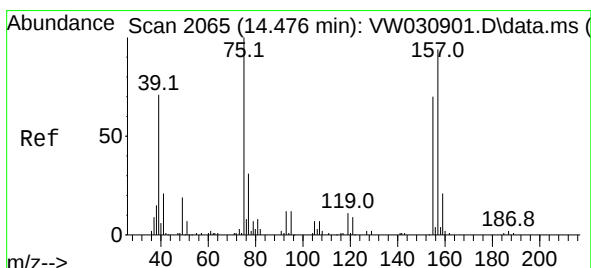
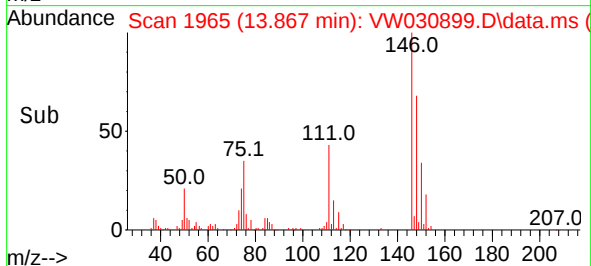
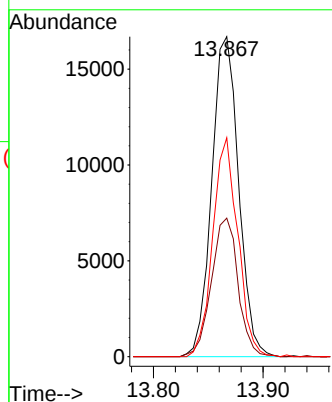
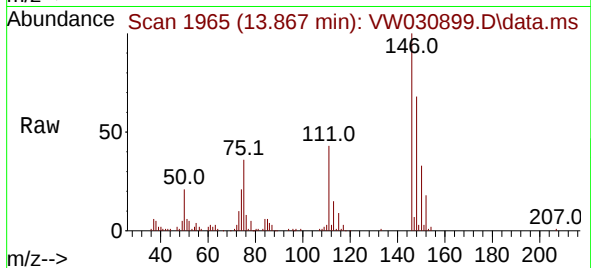




#67
1,2-Dichlorobenzene
Concen: 2.507 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030899.D
Acq: 04 Nov 2024 10:15

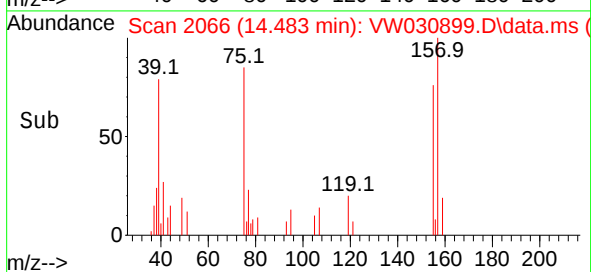
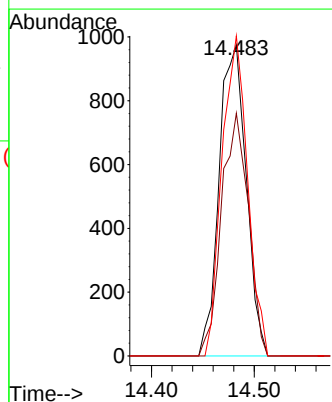
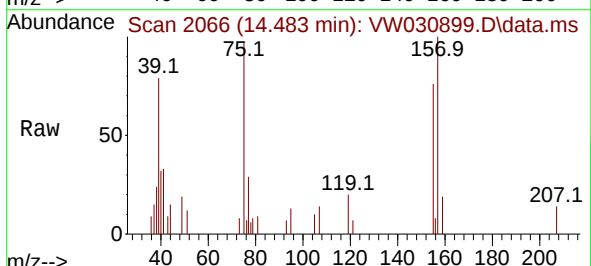
Instrument :
MSVOA_W
ClientSampleId :

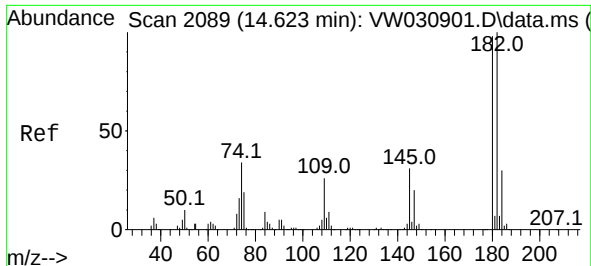
Tgt Ion:146 Resp: 28477
Ion Ratio Lower Upper
146 100
111 43.3 34.3 51.5
148 68.4 48.0 72.0



#68
1,2-Dibromo-3-chloropropane
Concen: 2.360 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW030899.D
Acq: 04 Nov 2024 10:15

Tgt Ion: 75 Resp: 1783
Ion Ratio Lower Upper
75 100
155 78.1 56.2 84.2
157 102.9 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 2.494 ug/L

RT: 14.623 min Scan# 21099

Delta R.T. 0.000 min

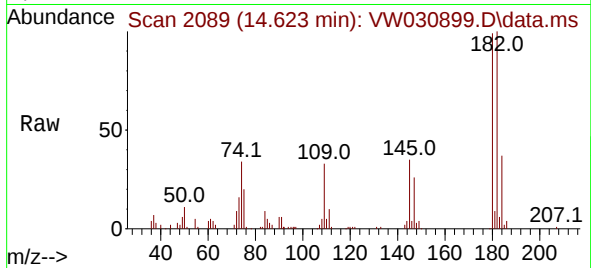
Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 21099

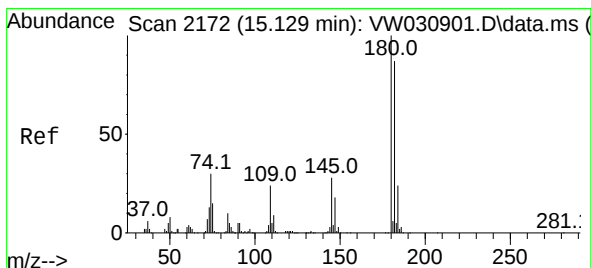
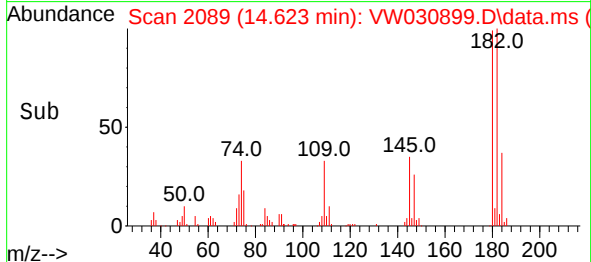
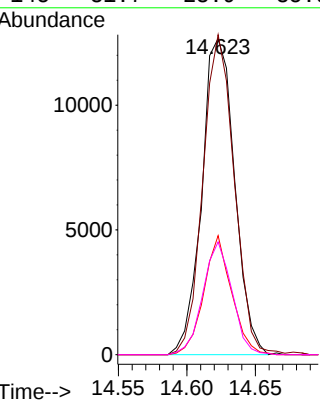
Ion Ratio Lower Upper

180 100

182 96.3 76.6 114.8

184 31.9 23.9 35.9

145 31.7 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 2.373 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

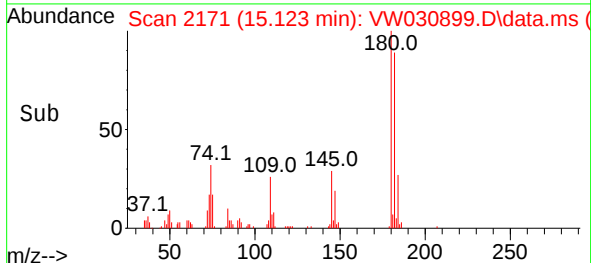
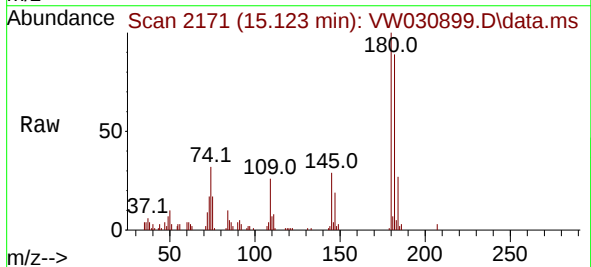
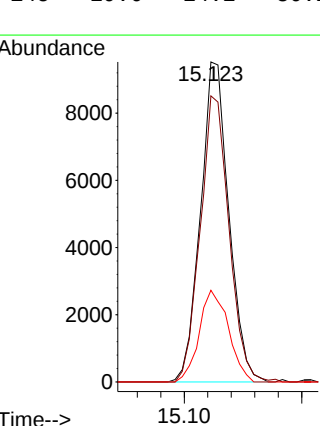
Tgt Ion:180 Resp: 15937

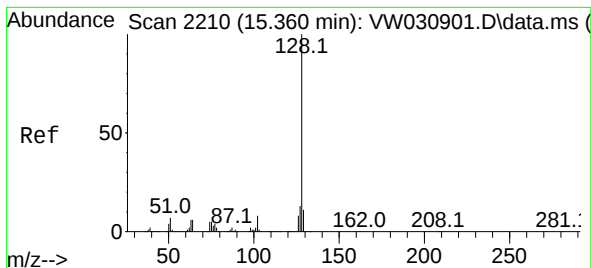
Ion Ratio Lower Upper

180 100

182 90.6 74.5 111.7

145 29.6 24.2 36.2





#71

Naphthalene

Concen: 1.816 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

Instrument :

MSVOA_W

ClientSampleId :

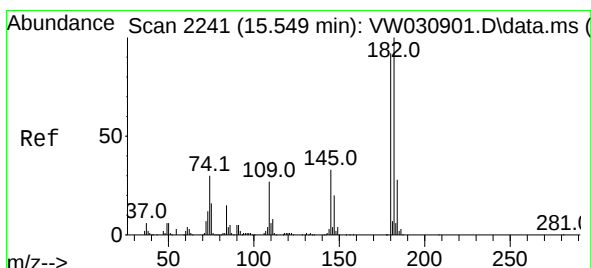
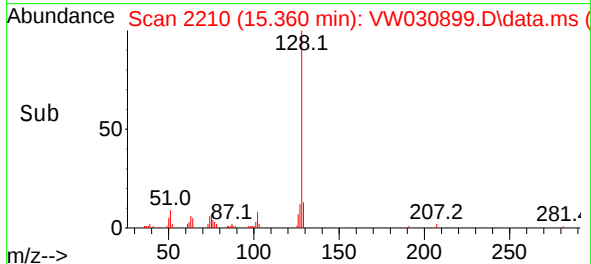
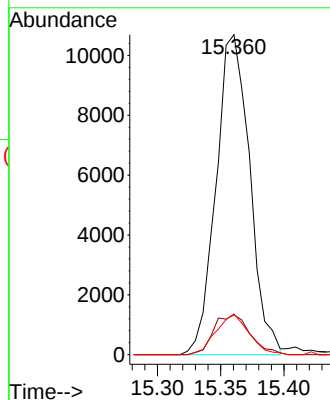
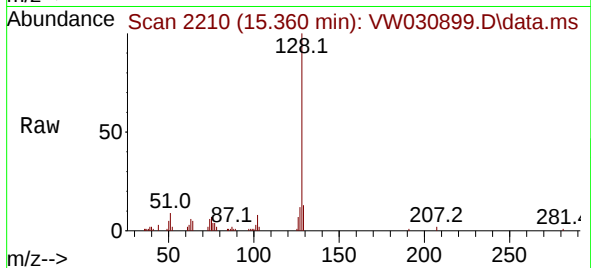
Tgt Ion:128 Resp: 19773

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 12.4 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 2.314 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030899.D

Acq: 04 Nov 2024 10:15

Tgt Ion:180 Resp: 13392

Ion Ratio Lower Upper

180 100

182 95.7 79.2 118.8

145 32.7 27.0 40.6

