

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
 Data File : VW030256.D
 Acq On : 26 Sep 2024 13:06
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 27 04:10:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 04:06:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	173239	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	162123	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	78092	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	6298	2.694	ug/L	0.00
7) Chloroethane-d5	2.905	69	4664	2.707	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	2887	2.493	ug/L	0.00
21) 2-Butanone-d5	7.094	46	2447	4.073	ug/L	0.01
24) Chloroform-d	7.648	84	13243	2.582	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	7117	2.720	ug/L	0.00
32) Benzene-d6	8.276	84	24727	2.414	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	7761	2.448	ug/L	0.00
41) Toluene-d8	10.325	98	20627	2.266	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	2977	2.477	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	2237	5.040	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.684	84	5926	2.736	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	6868	2.527	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	4447	2.386	ug/L	96
3) Chloromethane	2.223	50	7598	2.855	ug/L	93
5) Vinyl chloride	2.375	62	7812	2.914	ug/L	98
6) Bromomethane	2.790	94	4756	2.924	ug/L	86
8) Chloroethane	2.936	64	4747	3.025	ug/L	96
9) Trichlorofluoromethane	3.271	101	6663	2.812	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	4872	2.261	ug/L	89
12) 1,1-Dichloroethene	4.045	96	5945	2.706	ug/L	81
13) Acetone	4.125	43	3784	4.941	ug/L	84
14) Carbon disulfide	4.399	76	21279	2.685	ug/L	100
15) Methyl Acetate	4.679	43	2042	1.836	ug/L #	54
16) Methylene chloride	4.923	84	8974	3.382	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	6592	2.634	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	9372	2.733	ug/L #	87
19) 1,1-Dichloroethane	6.222	63	13595	2.694	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	7062	2.635	ug/L	89
22) 2-Butanone	7.252	43	249	0.260	ug/L	99
23) Bromochloromethane	7.514	128	3062	2.800	ug/L	97
25) Chloroform	7.679	83	13167	2.682	ug/L	94
27) 1,2-Dichloroethane	8.404	62	9206	2.895	ug/L	97
29) Cyclohexane	7.959	56	10288	2.494	ug/L	96
30) 1,1,1-Trichloroethane	7.880	97	10374	2.585	ug/L	96
31) Carbon tetrachloride	8.069	117	9548	2.626	ug/L	98
33) Benzene	8.325	78	28400	2.556	ug/L	100
34) Trichloroethene	9.093	95	7646	2.653	ug/L	95
35) Methylcyclohexane	9.337	83	11543	2.547	ug/L	96
37) 1,2-Dichloropropane	9.368	63	7960	2.703	ug/L #	97
38) Bromodichloromethane	9.642	83	8980	2.618	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	10170	2.432	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	8237	5.671	ug/L	94
42) Toluene	10.386	91	27662	2.413	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	8617	2.536	ug/L	98

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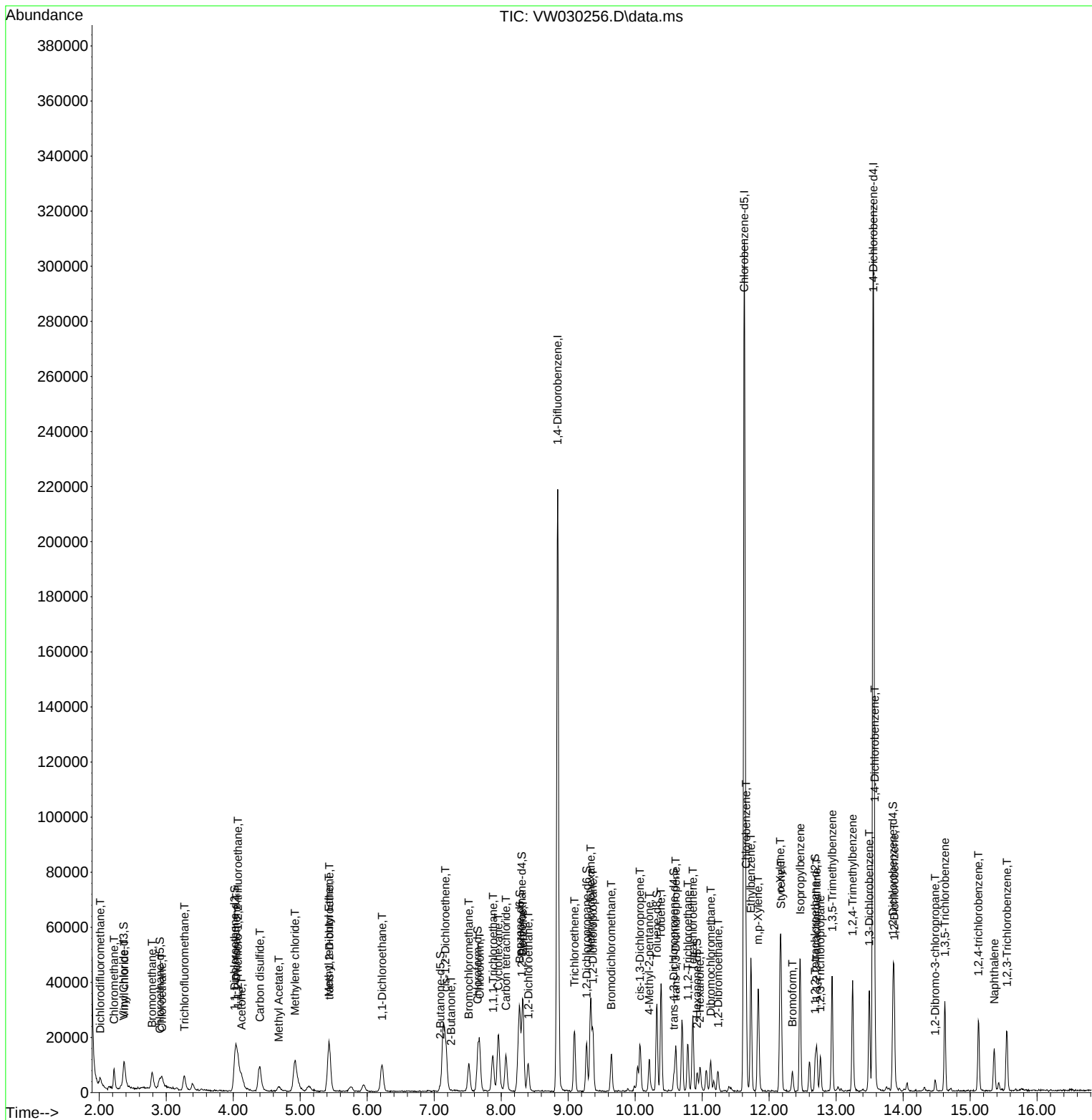
Quant Time: Sep 27 04:10:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 04:06:56 2024
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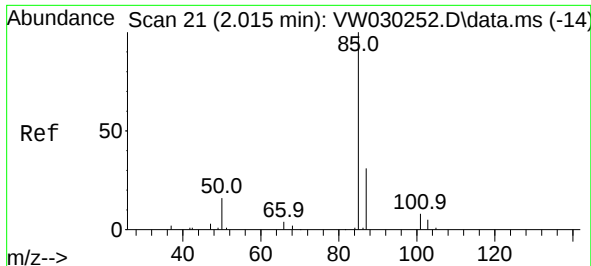
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.788	97	5290	2.820	ug/L	91
46) Tetrachloroethene	10.861	164	5325	2.642	ug/L	94
48) 2-Hexanone	10.965	43	5920	4.846	ug/L #	96
49) Dibromochloromethane	11.130	129	5179	2.572	ug/L	95
50) 1,2-Dibromoethane	11.239	107	5086	2.885	ug/L	91
51) Chlorobenzene	11.654	112	18430	2.614	ug/L	96
52) Ethylbenzene	11.727	91	30623	2.363	ug/L	98
53) m,p-Xylene	11.837	106	10979	2.338	ug/L	94
54) o-Xylene	12.166	106	9942	2.254	ug/L	86
55) Styrene	12.178	104	16568	2.231	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.708	83	6680	3.009	ug/L	95
59) Bromoform	12.349	173	3150	2.897	ug/L	99
60) Isopropylbenzene	12.465	105	27776	2.328	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	4753	3.097	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	21042	2.266	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	20363	2.236	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	12783	2.519	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	14561	2.804	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	11883	2.688	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	1096	3.243	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.623	180	8594	2.593	ug/L	91
70) 1,2,4-trichlorobenzene	15.123	180	7580	2.824	ug/L	98
71) Naphthalene	15.360	128	12383	2.658	ug/L	96
72) 1,2,3-Trichlorobenzene	15.549	180	6499	2.777	ug/L	93

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

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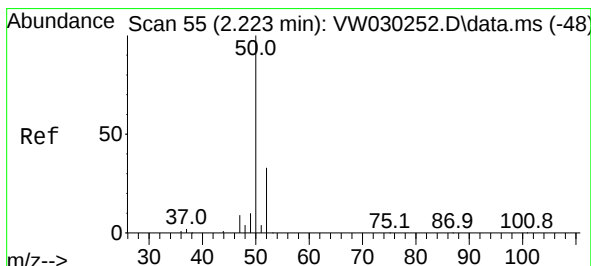
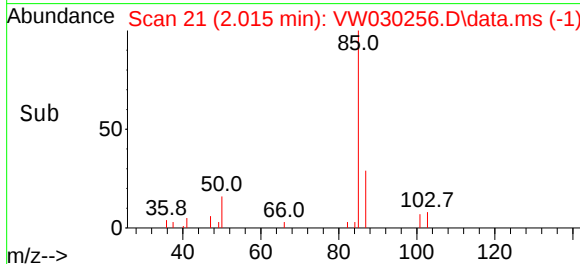
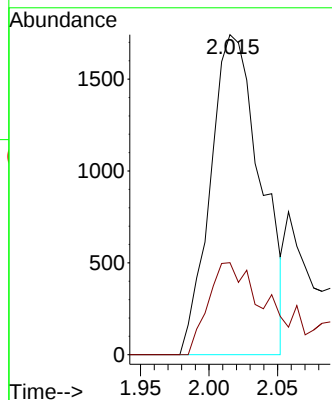
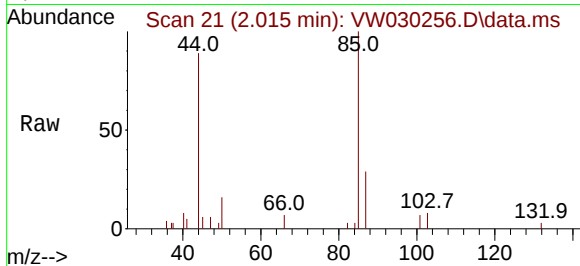




#2
 Dichlorodifluoromethane
 Concen: 2.386 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030256.D
 Acq: 26 Sep 2024 13:06

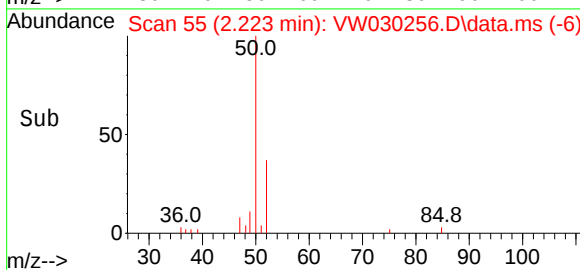
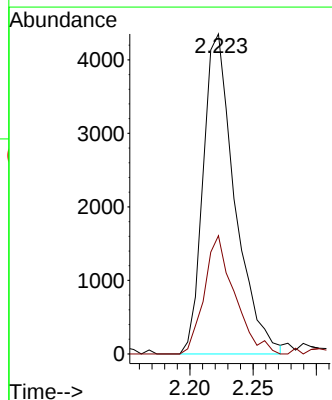
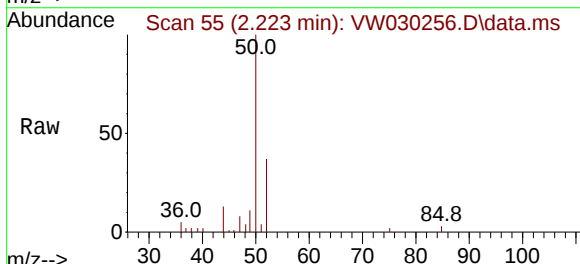
Instrument :
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 ClientSampleId :

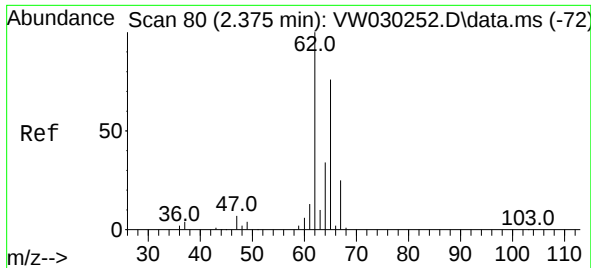
Tgt Ion: 85 Resp: 4447
 Ion Ratio Lower Upper
 85 100
 87 25.6 22.2 33.4



#3
 Chloromethane
 Concen: 2.855 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030256.D
 Acq: 26 Sep 2024 13:06

Tgt Ion: 50 Resp: 7598
 Ion Ratio Lower Upper
 50 100
 52 36.9 23.0 42.6

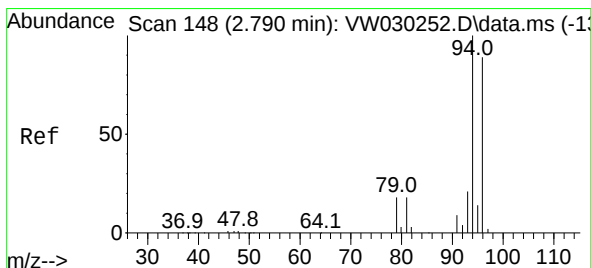
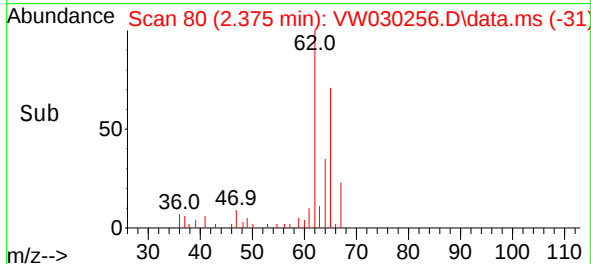
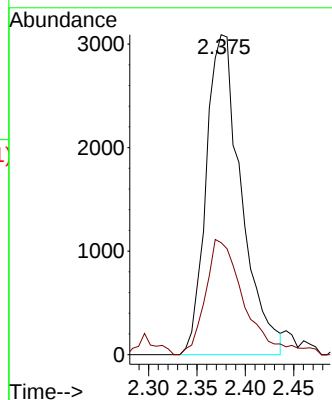
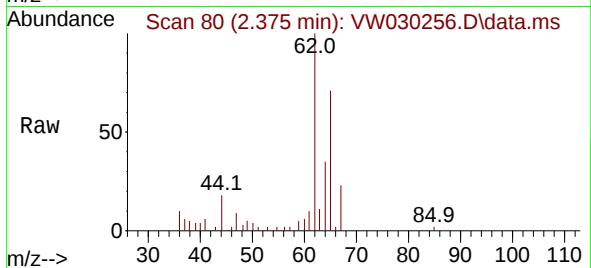




#5
 Vinyl chloride
 Concen: 2.914 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030256.D
 Acq: 26 Sep 2024 13:06

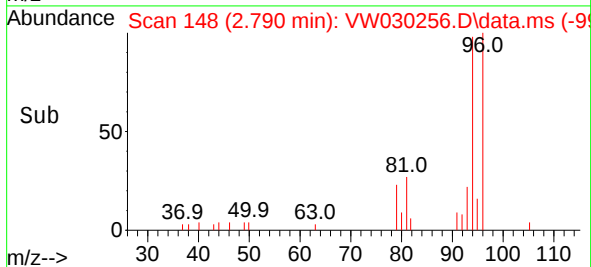
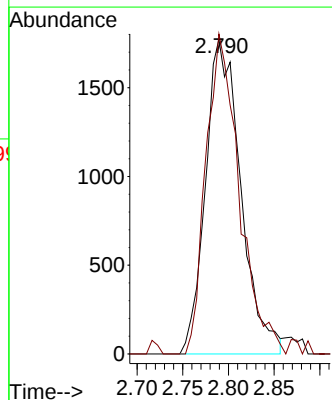
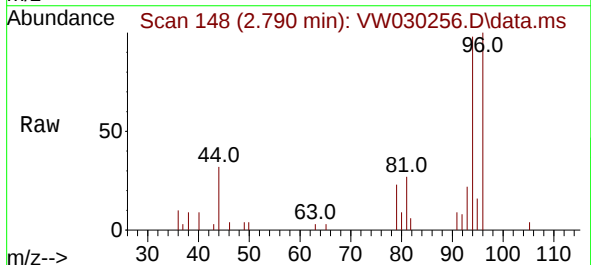
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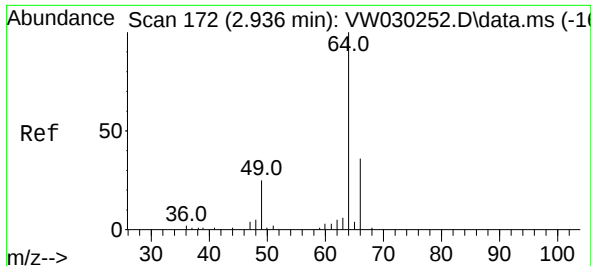
Tgt Ion: 62 Resp: 7812
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.7 44.1



#6
 Bromomethane
 Concen: 2.924 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW030256.D
 Acq: 26 Sep 2024 13:06

Tgt Ion: 94 Resp: 4756
 Ion Ratio Lower Upper
 94 100
 96 101.6 62.0 115.2

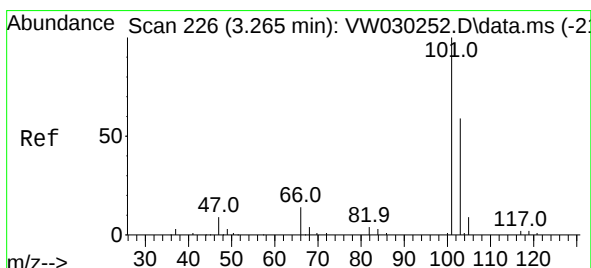
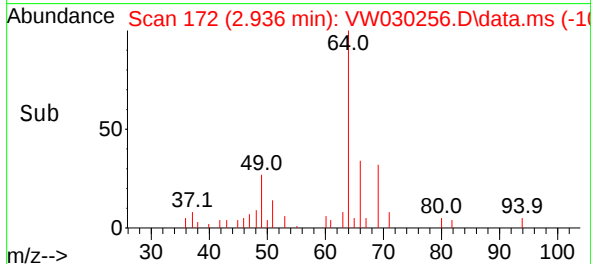
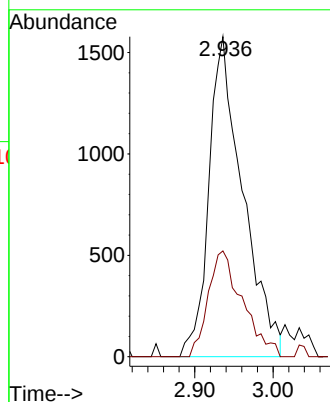
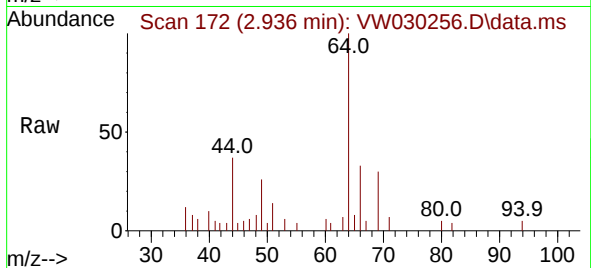




#8
Chloroethane
Concen: 3.025 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW030256.D
Acq: 26 Sep 2024 13:06

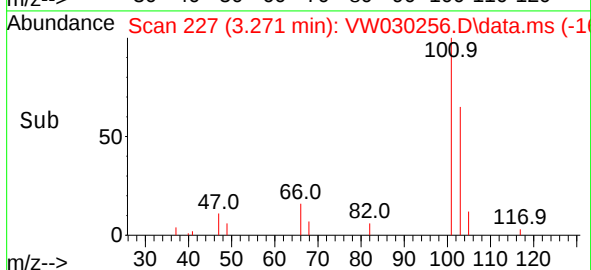
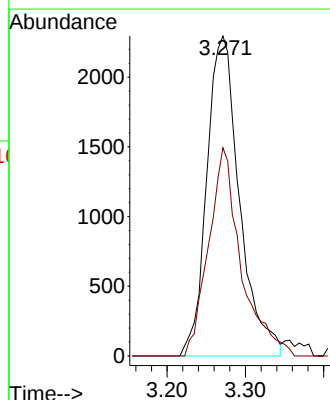
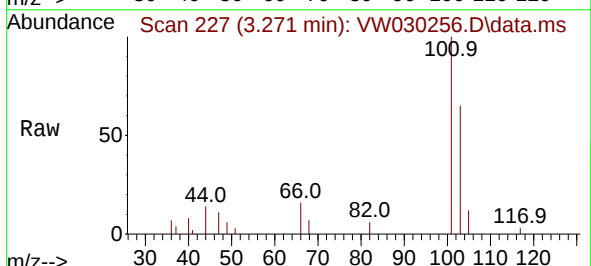
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ClientSampleId :

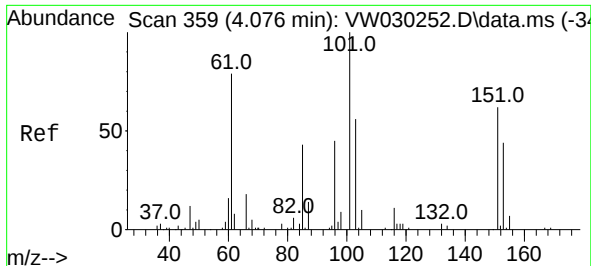
Tgt Ion: 64 Resp: 4747
Ion Ratio Lower Upper
64 100
66 33.1 25.0 46.4



#9
Trichlorofluoromethane
Concen: 2.812 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW030256.D
Acq: 26 Sep 2024 13:06

Tgt Ion:101 Resp: 6663
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3





#10

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

Concen: 2.261 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :

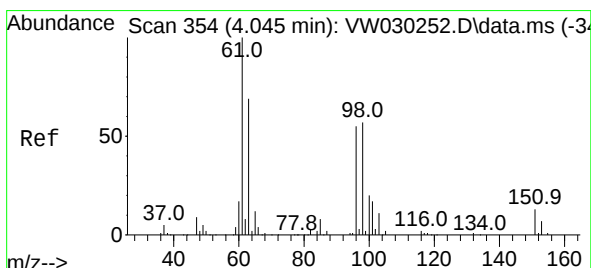
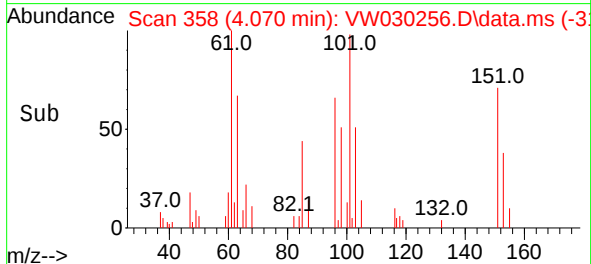
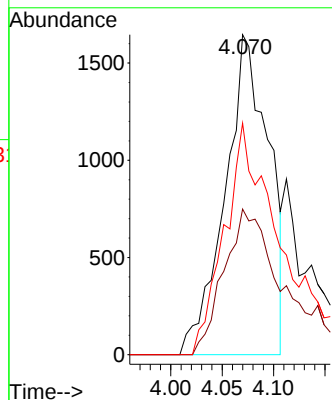
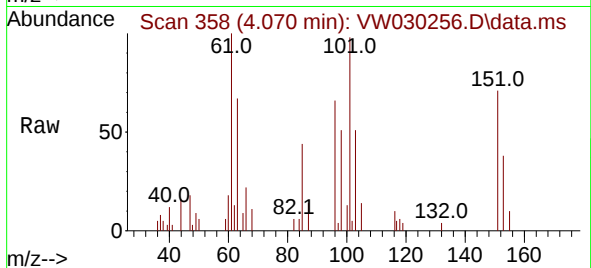
Tgt Ion:101 Resp: 4872

Ion Ratio Lower Upper

101 100

85 56.9 38.6 57.8

151 48.2 33.8 50.8



#12

1,1-Dichloroethene

Concen: 2.706 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

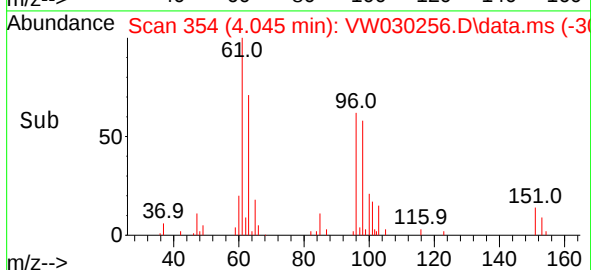
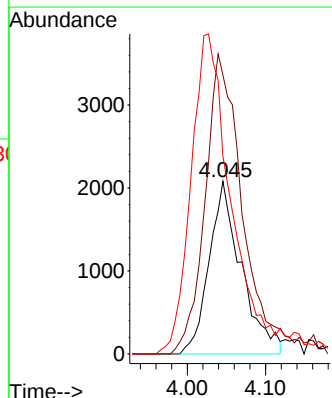
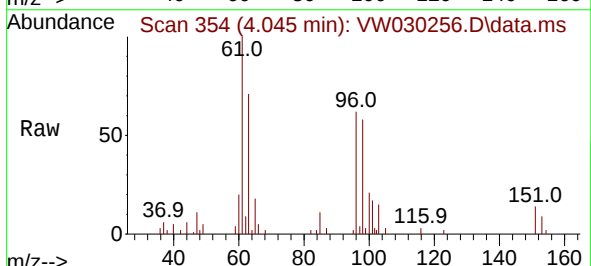
Tgt Ion: 96 Resp: 5945

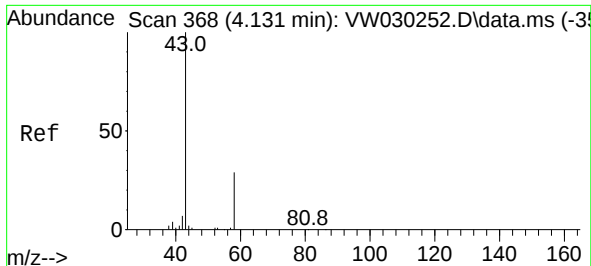
Ion Ratio Lower Upper

96 100

61 161.6 129.4 240.2

63 114.5 100.0 185.8





#13

Acetone

Concen: 4.941 ug/L

RT: 4.125 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Instrument :

MSVOA_W

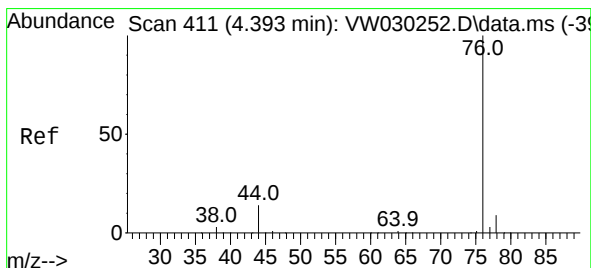
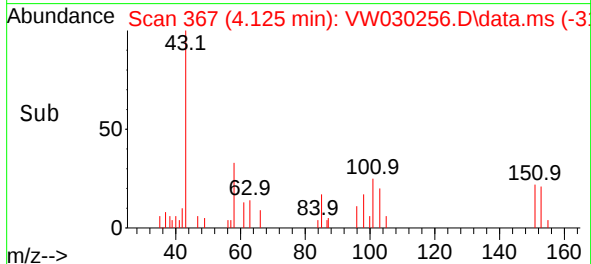
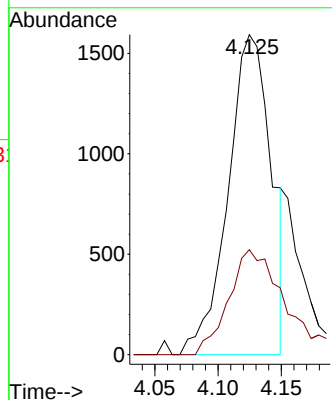
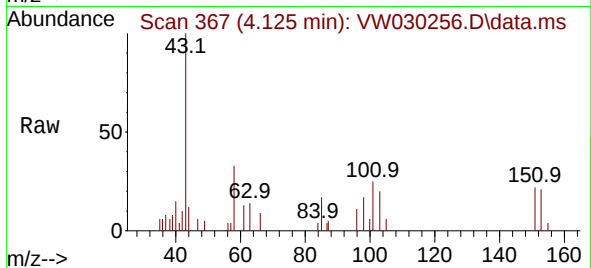
ClientSampleId :

Tgt Ion: 43 Resp: 3784

Ion Ratio Lower Upper

43 100

58 40.0 0.0 62.0



#14

Carbon disulfide

Concen: 2.685 ug/L

RT: 4.399 min Scan# 412

Delta R.T. 0.006 min

Lab File: VW030256.D

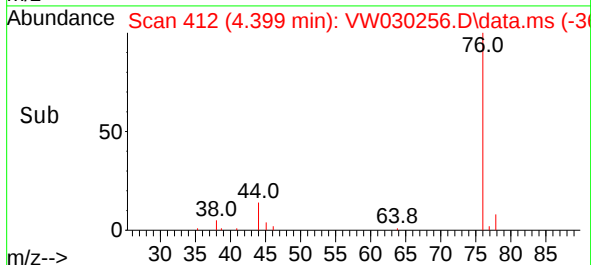
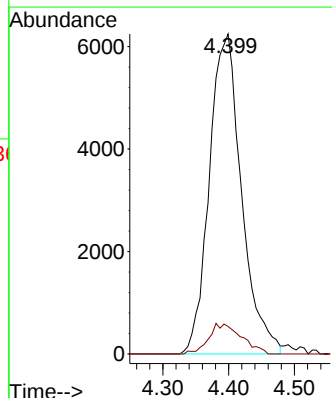
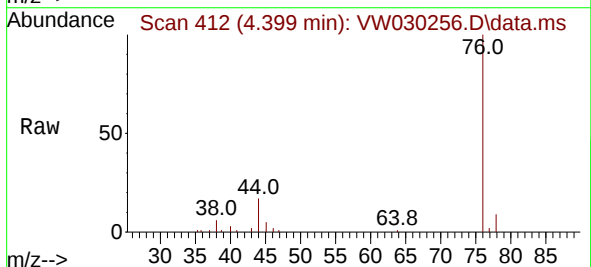
Acq: 26 Sep 2024 13:06

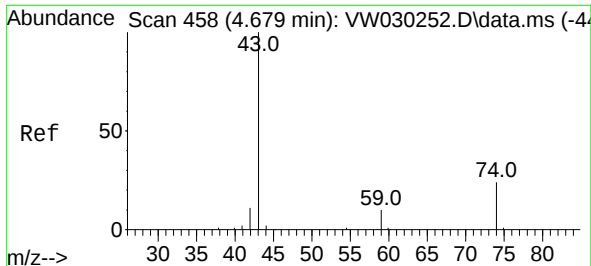
Tgt Ion: 76 Resp: 21279

Ion Ratio Lower Upper

76 100

78 8.6 6.8 10.2





#15

Methyl Acetate

Concen: 1.836 ug/L

RT: 4.679 min Scan# 4

Delta R.T. 0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Instrument :

MSVOA_W

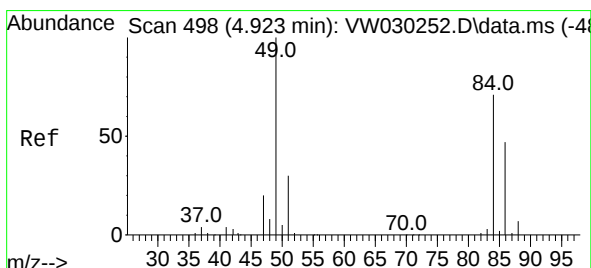
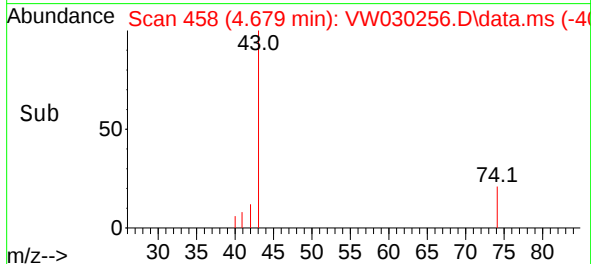
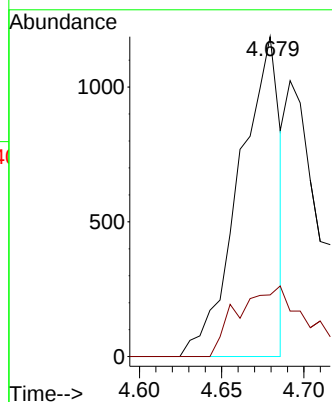
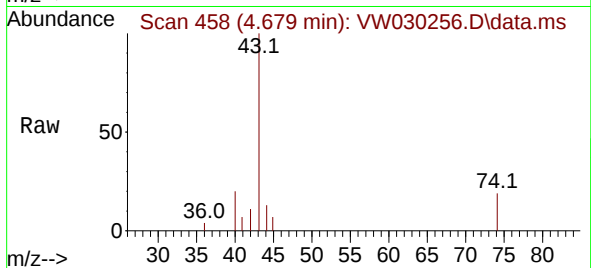
ClientSampleId :

Tgt Ion: 43 Resp: 2042

Ion Ratio Lower Upper

43 100

74 0.0 17.3 25.9#



#16

Methylene chloride

Concen: 3.382 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

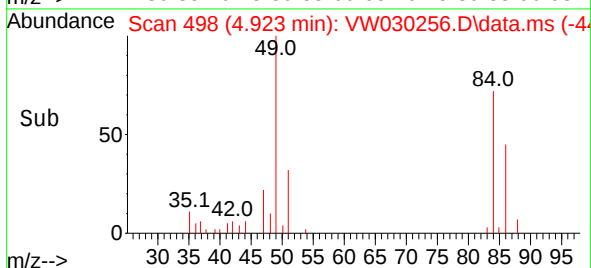
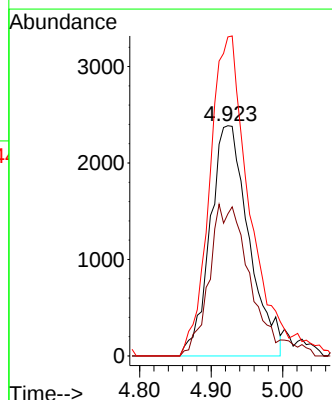
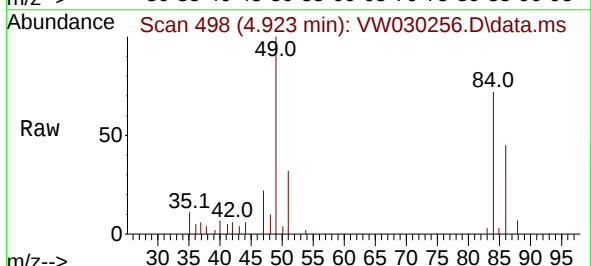
Tgt Ion: 84 Resp: 8974

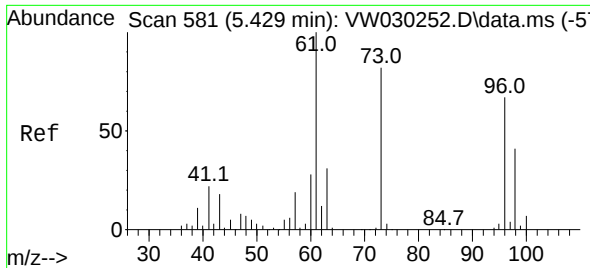
Ion Ratio Lower Upper

84 100

86 61.7 46.7 86.7

49 138.6 98.8 183.6





#17

trans-1,2-Dichloroethene

Concen: 2.634 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :

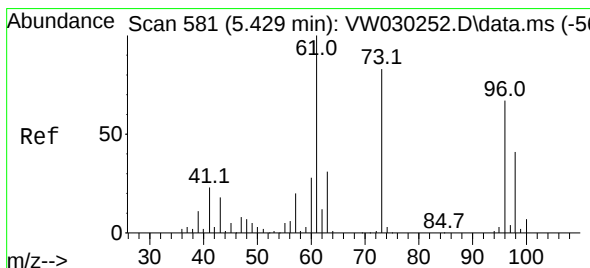
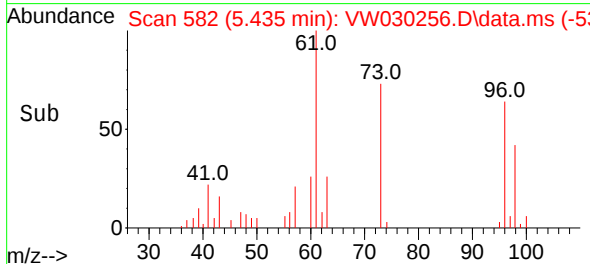
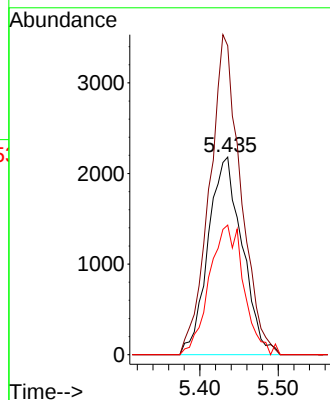
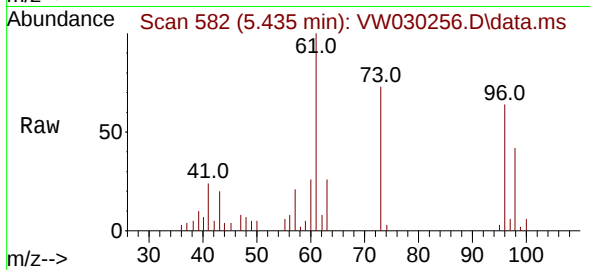
Tgt Ion: 96 Resp: 6592

Ion Ratio Lower Upper

96 100

61 156.4 104.3 193.7

98 65.6 42.6 79.0



#18

Methyl tert-butyl Ether

Concen: 2.733 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

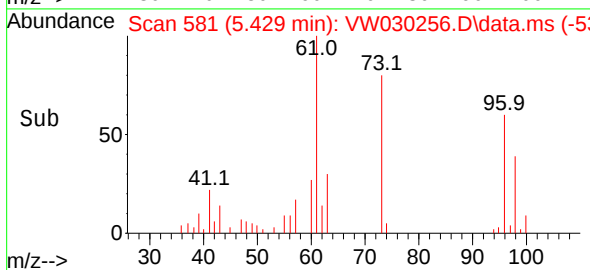
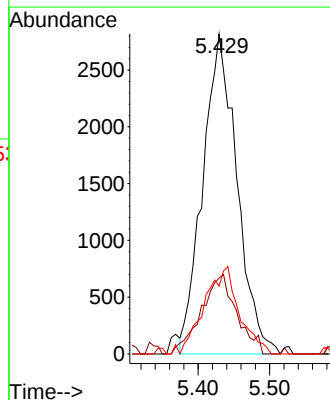
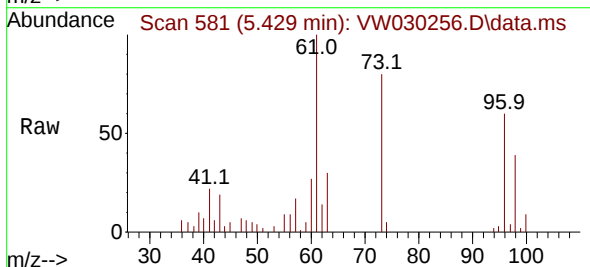
Tgt Ion: 73 Resp: 9372

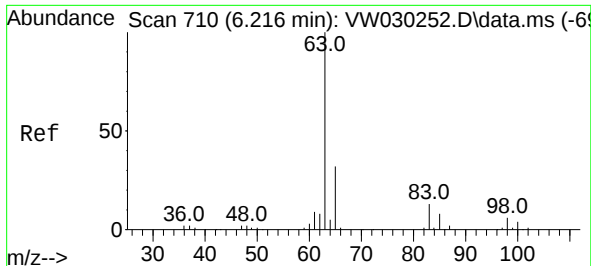
Ion Ratio Lower Upper

73 100

43 25.1 17.4 26.2

57 14.2 19.0 28.6#





#19

1,1-Dichloroethane

Concen: 2.694 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW030256.D

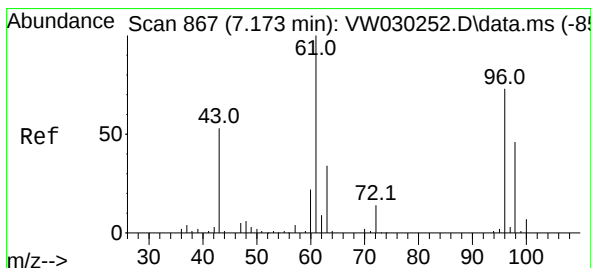
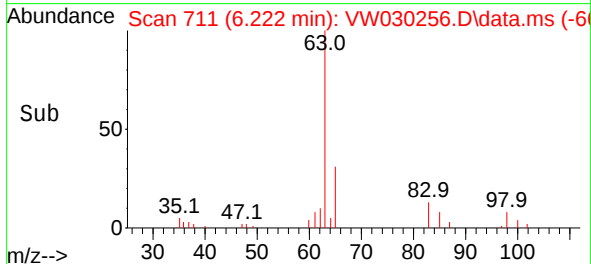
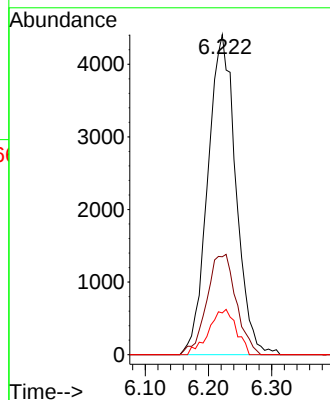
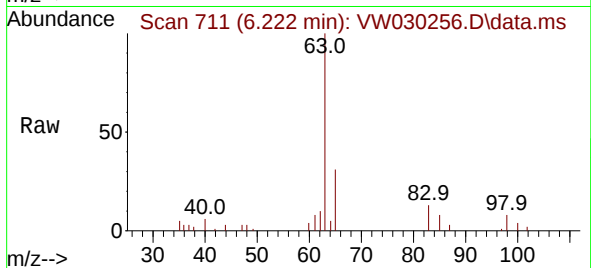
Acq: 26 Sep 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	13595
Ion	Ratio	Lower	Upper
63	100		
65	30.6	22.0	41.0
83	13.0	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 2.635 ug/L

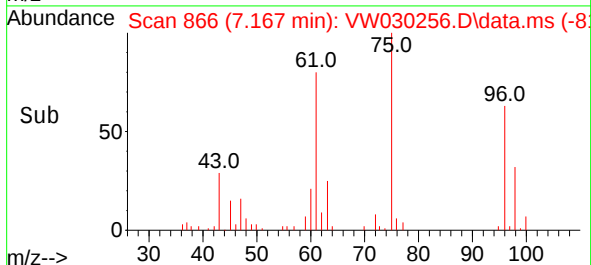
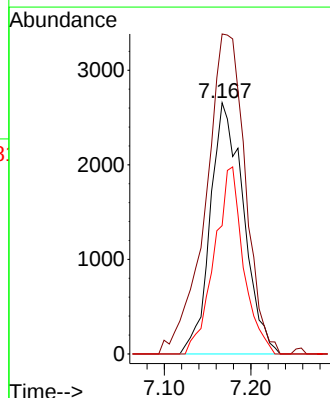
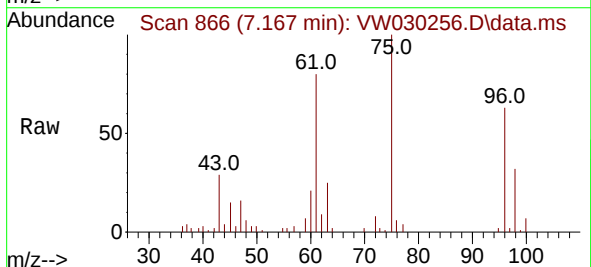
RT: 7.167 min Scan# 866

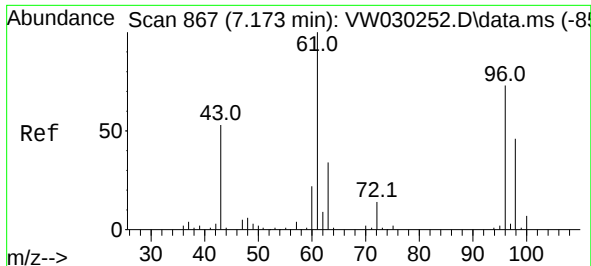
Delta R.T. -0.006 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Tgt Ion:	96	Resp:	7062
Ion	Ratio	Lower	Upper
96	100		
61	127.4	96.8	179.8
98	51.1	44.6	82.8





#22

2-Butanone

Concen: 0.260 ug/L

RT: 7.252 min Scan# 867

Delta R.T. 0.079 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Instrument :

MSVOA_W

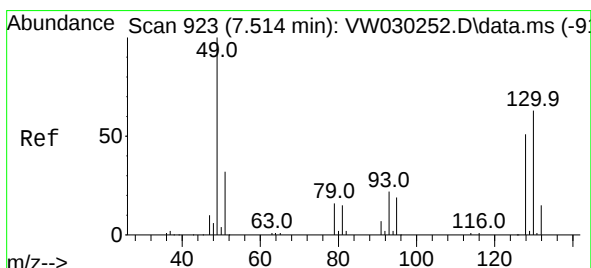
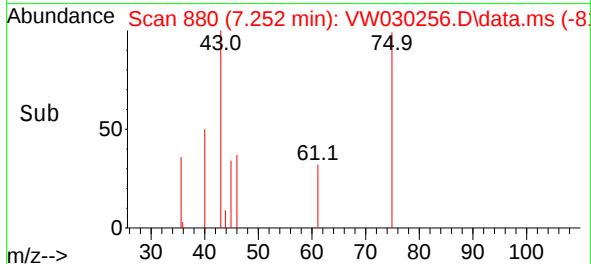
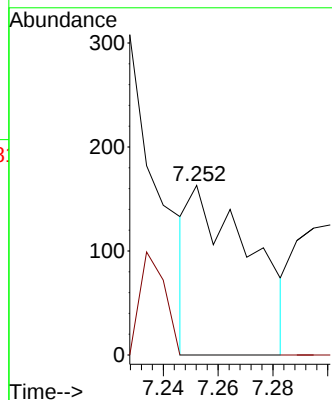
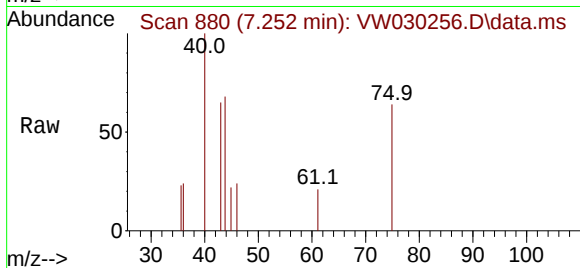
ClientSampleId :

Tgt Ion: 43 Resp: 249

Ion Ratio Lower Upper

43 100

72 25.3 13.0 39.0



#23

Bromochloromethane

Concen: 2.800 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Tgt Ion: 128 Resp: 3062

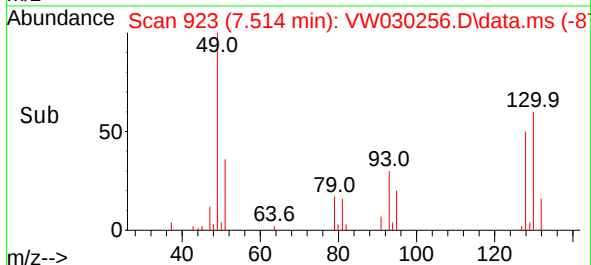
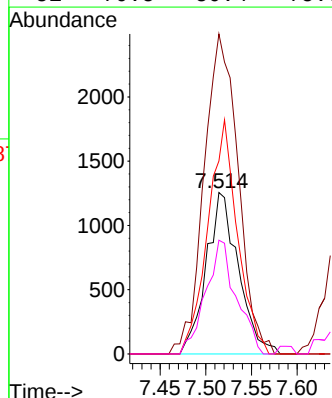
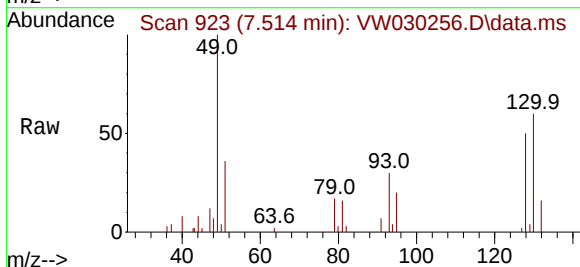
Ion Ratio Lower Upper

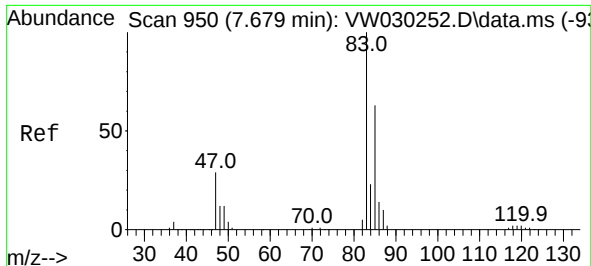
128 100

49 198.2 139.9 259.7

130 119.6 87.2 161.9

51 70.5 50.4 75.6





#25

Chloroform

Concen: 2.682 ug/L

RT: 7.679 min Scan# 90

Delta R.T. -0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Instrument :

MSVOA_W

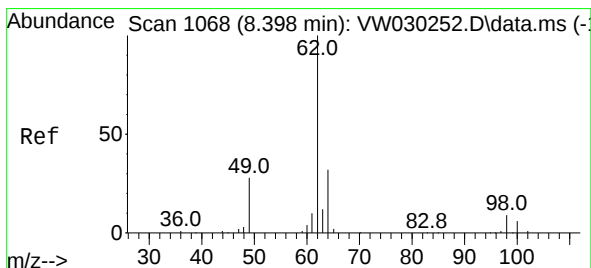
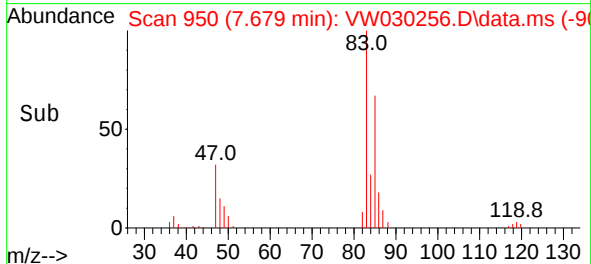
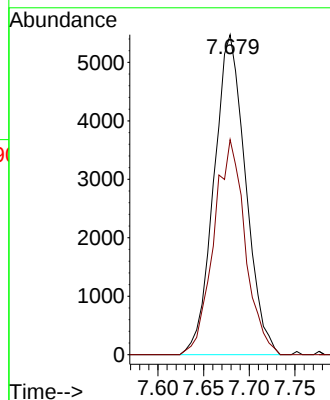
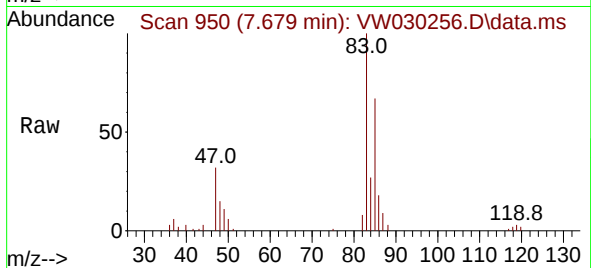
ClientSampleId :

Tgt Ion: 83 Resp: 13167

Ion Ratio Lower Upper

83 100

85 67.2 43.8 81.4



#27

1,2-Dichloroethane

Concen: 2.895 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW030256.D

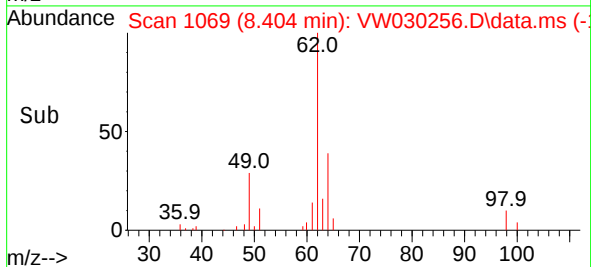
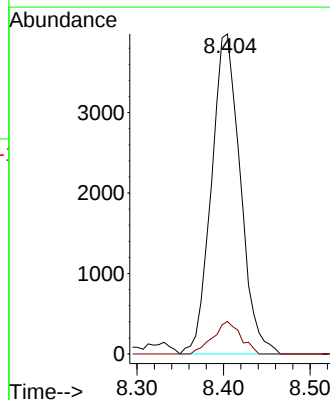
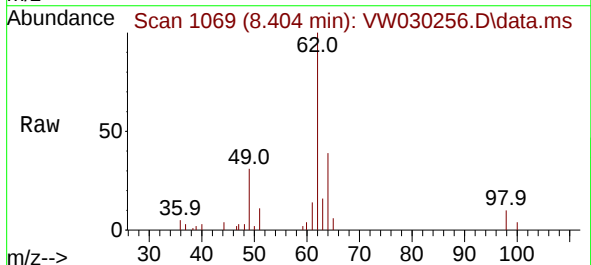
Acq: 26 Sep 2024 13:06

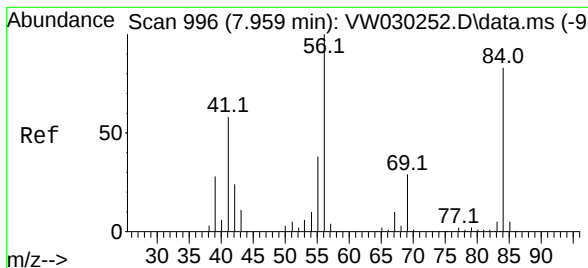
Tgt Ion: 62 Resp: 9206

Ion Ratio Lower Upper

62 100

98 10.2 7.4 11.0





#29

Cyclohexane

Concen: 2.494 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :

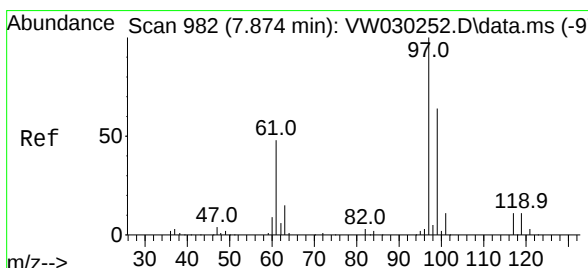
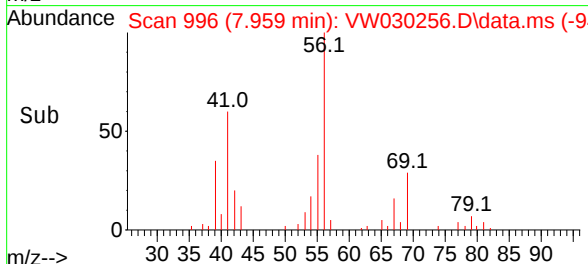
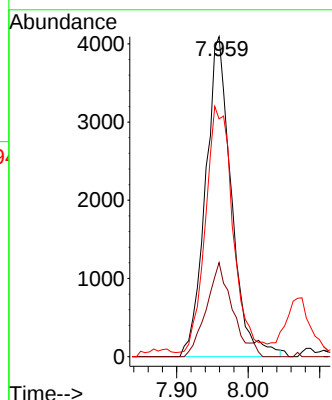
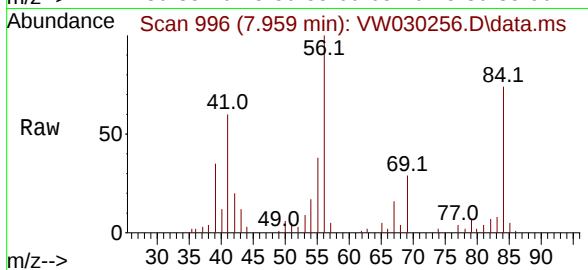
Tgt Ion: 56 Resp: 10288

Ion Ratio Lower Upper

56 100

69 28.7 23.4 35.0

84 86.0 65.2 97.8



#30

1,1,1-Trichloroethane

Concen: 2.585 ug/L

RT: 7.880 min Scan# 983

Delta R.T. 0.006 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

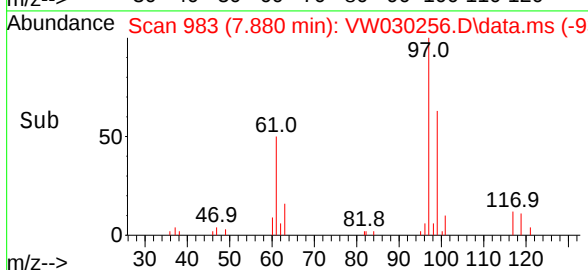
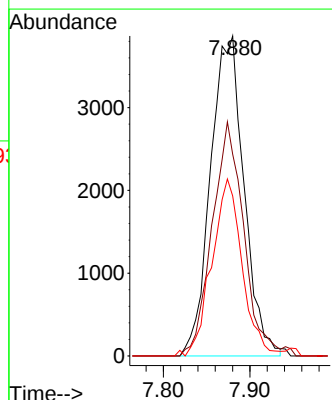
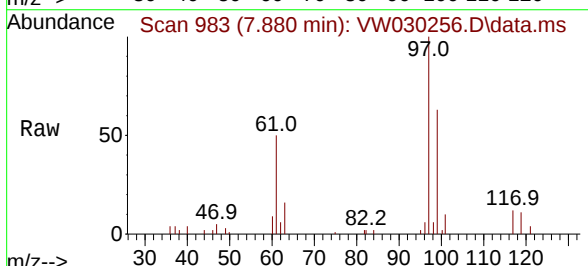
Tgt Ion: 97 Resp: 10374

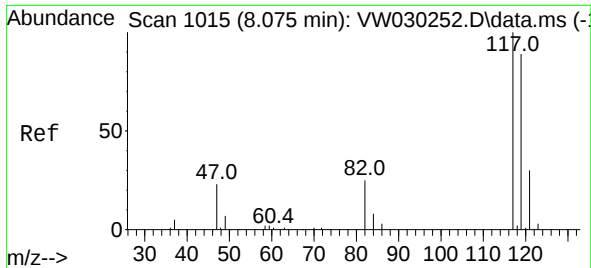
Ion Ratio Lower Upper

97 100

99 68.6 50.8 76.2

61 49.7 38.8 58.2

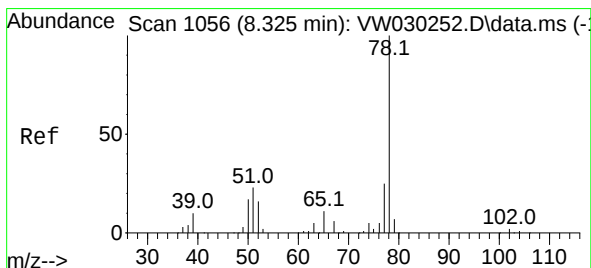
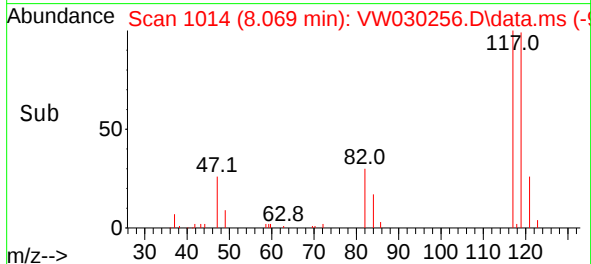
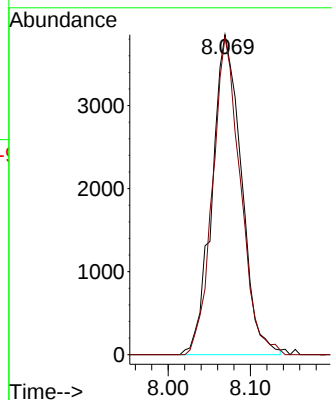
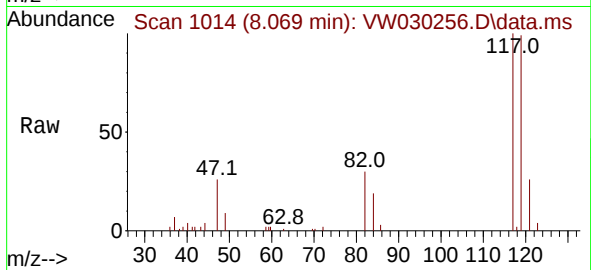




#31
Carbon tetrachloride
Concen: 2.626 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW030256.D
Acq: 26 Sep 2024 13:06

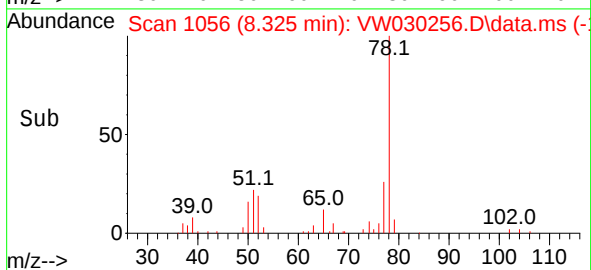
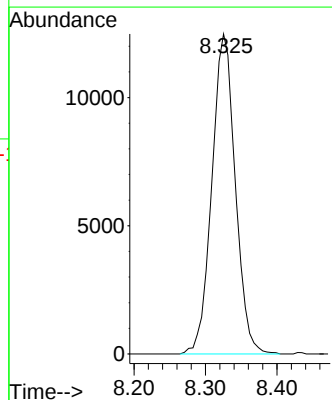
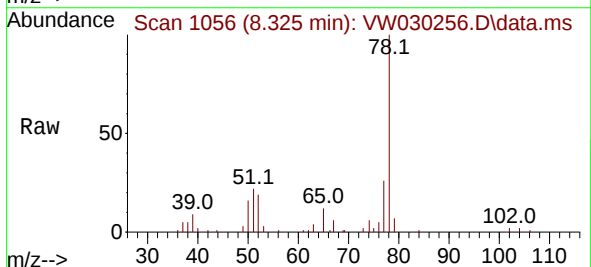
Instrument :
MSVOA_W
ClientSampleId :

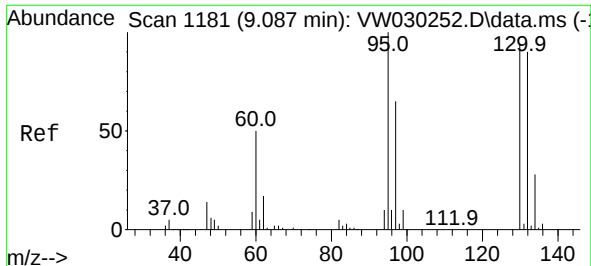
Tgt Ion:117 Resp: 9548
Ion Ratio Lower Upper
117 100
119 94.2 73.8 110.6



#33
Benzene
Concen: 2.556 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030256.D
Acq: 26 Sep 2024 13:06

Tgt Ion: 78 Resp: 28400





#34

Trichloroethene

Concen: 2.653 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 7646

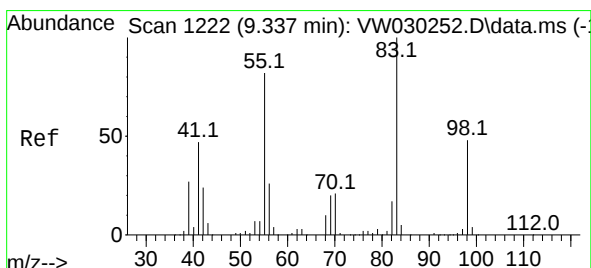
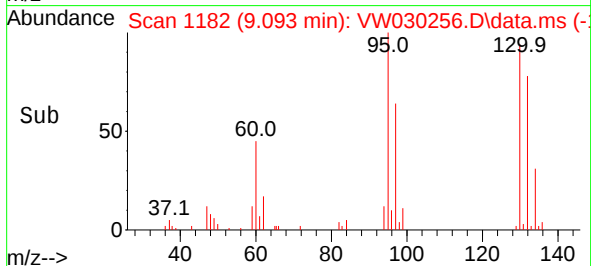
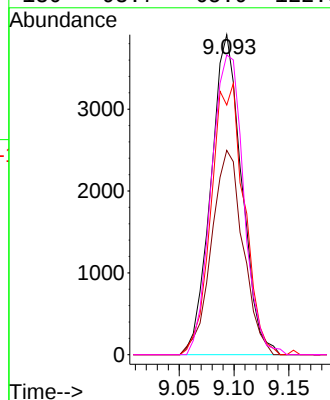
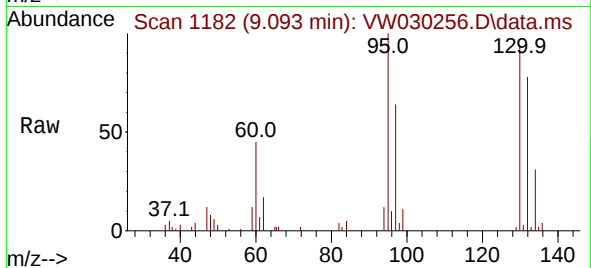
Ion Ratio Lower Upper

95 100

97 63.8 45.6 84.8

132 78.0 63.0 117.0

130 93.7 65.9 122.5



#35

Methylcyclohexane

Concen: 2.547 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

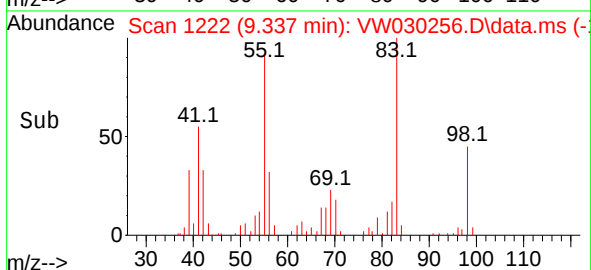
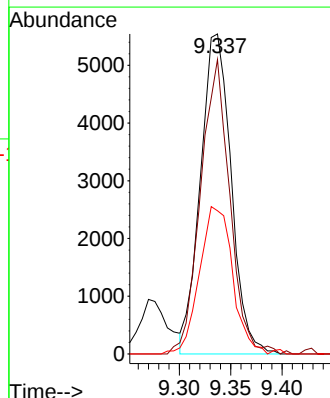
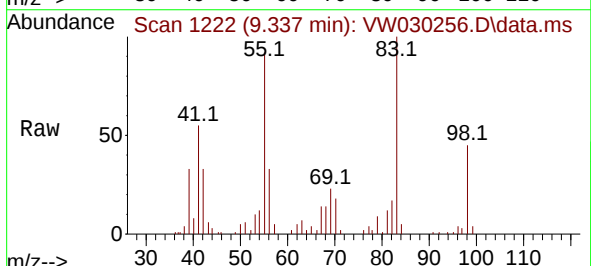
Tgt Ion: 83 Resp: 11543

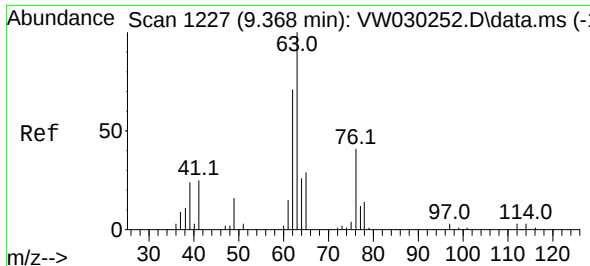
Ion Ratio Lower Upper

83 100

55 86.7 65.8 98.6

98 49.6 38.0 57.0





#37

1,2-Dichloropropane

Concen: 2.703 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Instrument :

MSVOA_W

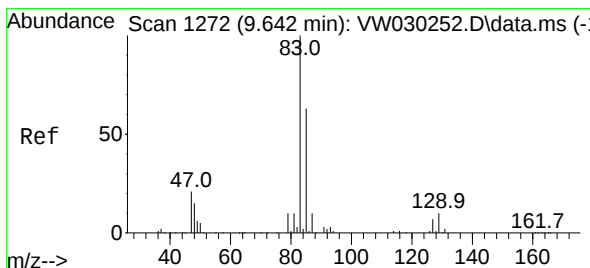
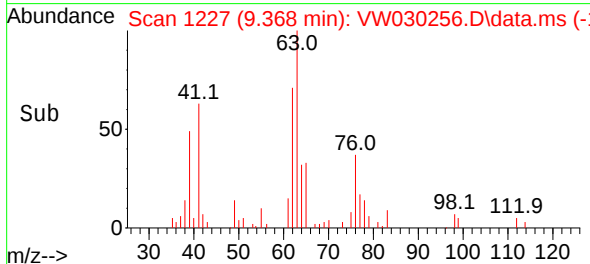
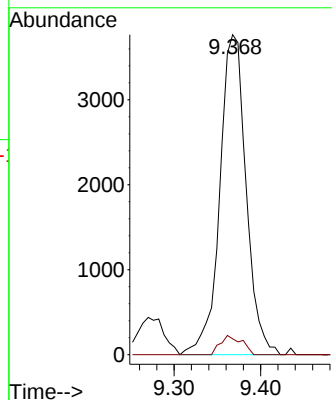
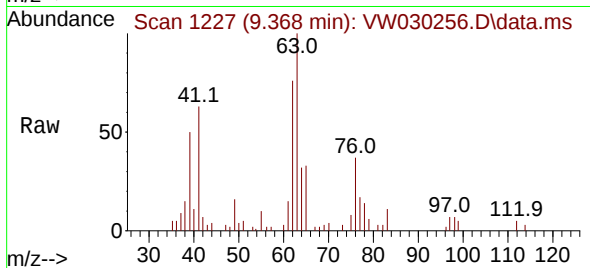
ClientSampleId :

Tgt Ion: 63 Resp: 7960

Ion Ratio Lower Upper

63 100

112 4.9 3.2 4.8#



#38

Bromodichloromethane

Concen: 2.618 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

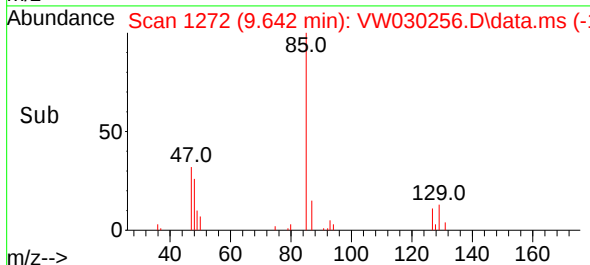
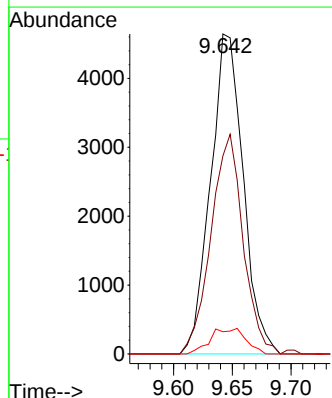
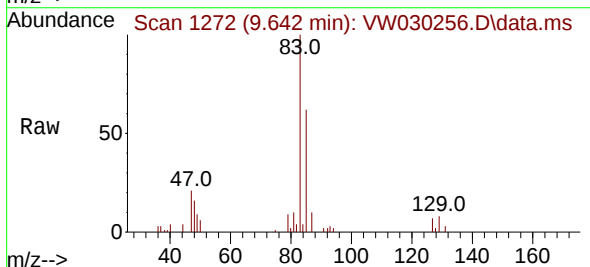
Tgt Ion: 83 Resp: 8980

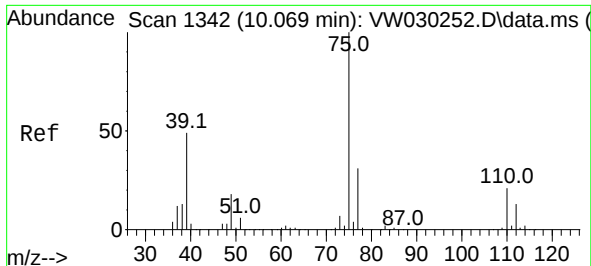
Ion Ratio Lower Upper

83 100

85 61.9 44.1 81.9

127 7.0 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 2.432 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Instrument :

MSVOA_W

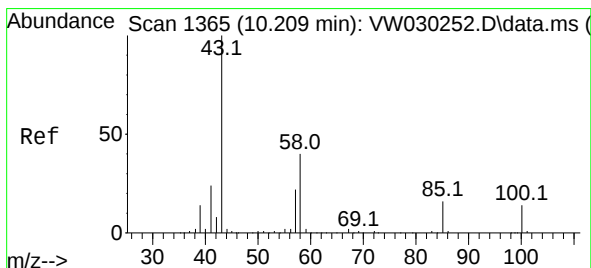
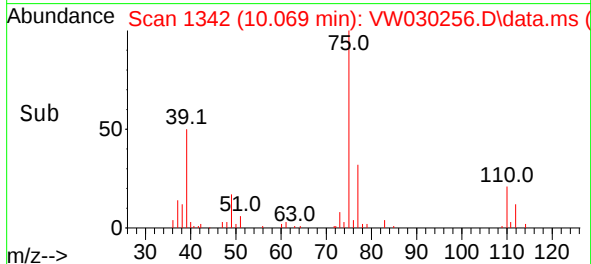
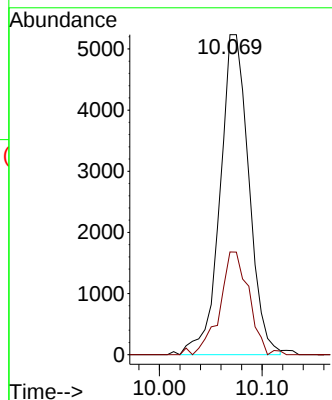
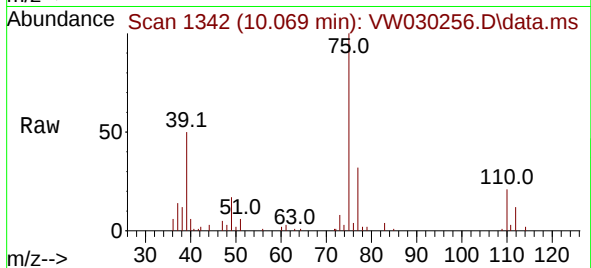
ClientSampleId :

Tgt Ion: 75 Resp: 10170

Ion Ratio Lower Upper

75 100

77 32.1 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 5.671 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

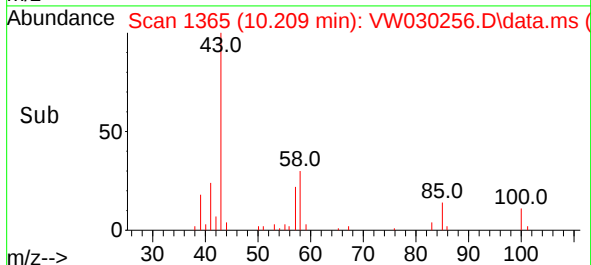
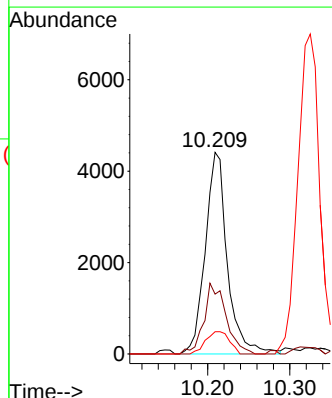
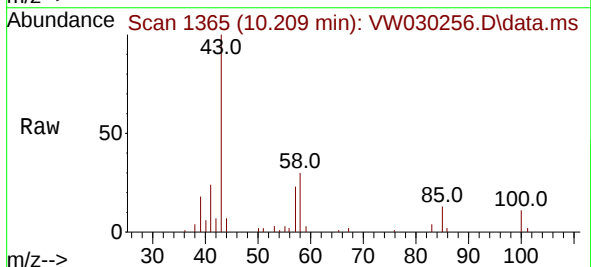
Tgt Ion: 43 Resp: 8237

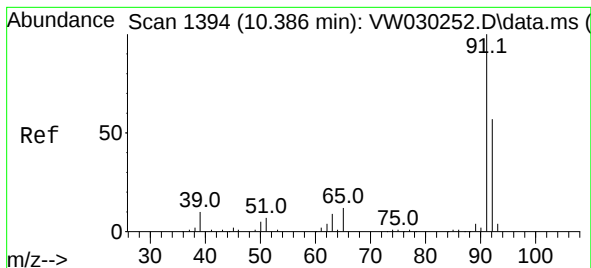
Ion Ratio Lower Upper

43 100

58 34.3 30.3 45.5

100 11.9 11.0 16.4





#42

Toluene

Concen: 2.413 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Instrument :

MSVOA_W

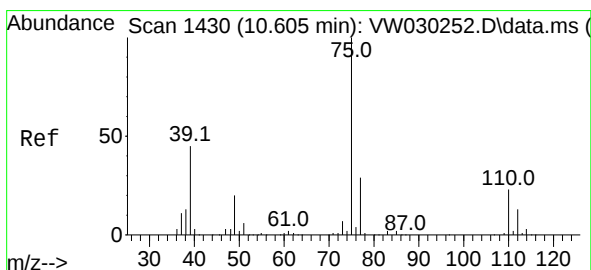
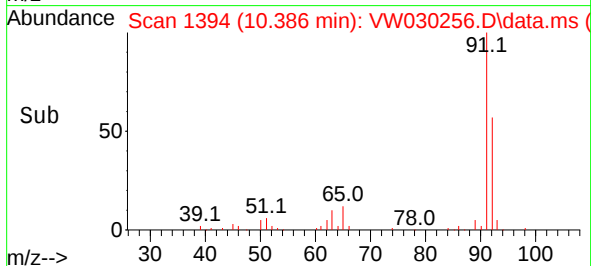
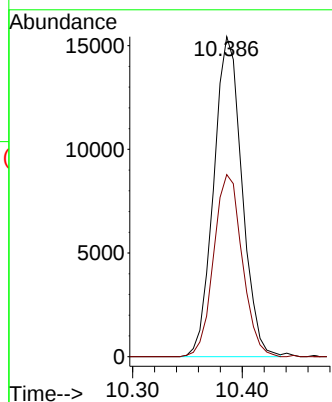
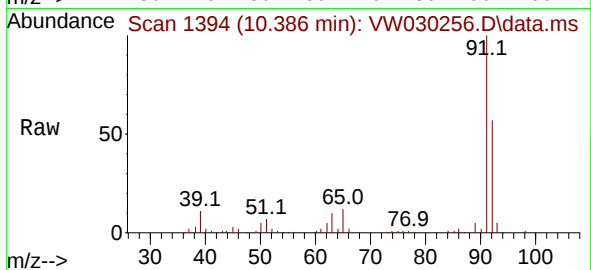
ClientSampleId :

Tgt Ion: 91 Resp: 27662

Ion Ratio Lower Upper

91 100

92 56.9 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 2.536 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030256.D

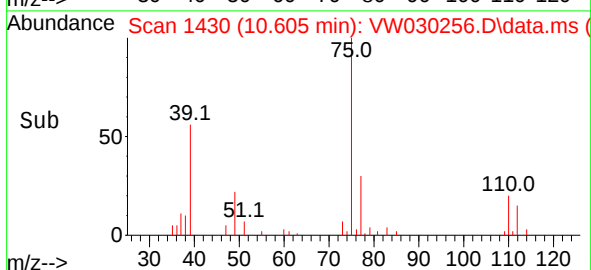
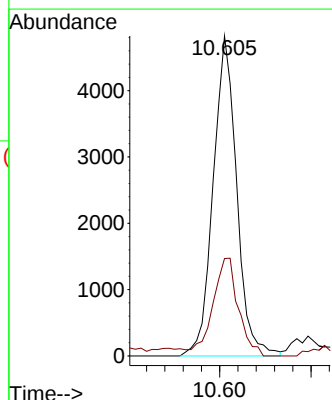
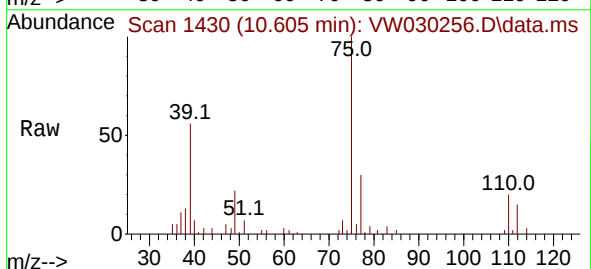
Acq: 26 Sep 2024 13:06

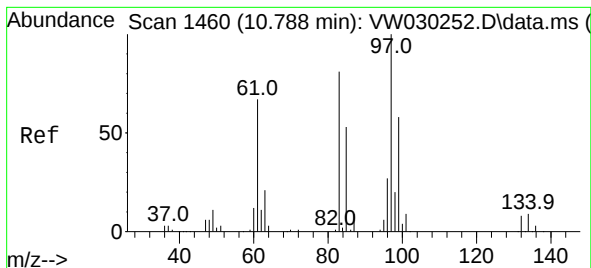
Tgt Ion: 75 Resp: 8617

Ion Ratio Lower Upper

75 100

77 30.5 20.7 38.5





#45

1,1,2-Trichloroethane

Concen: 2.820 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 5290

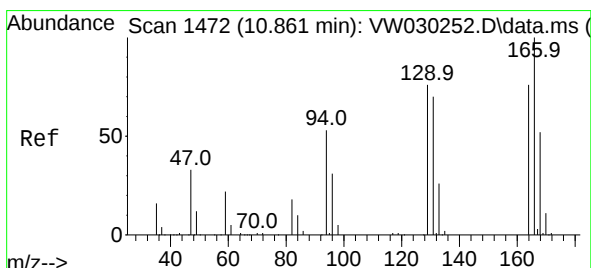
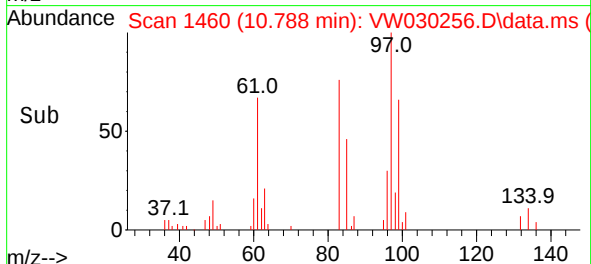
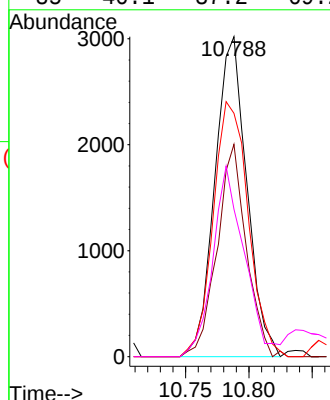
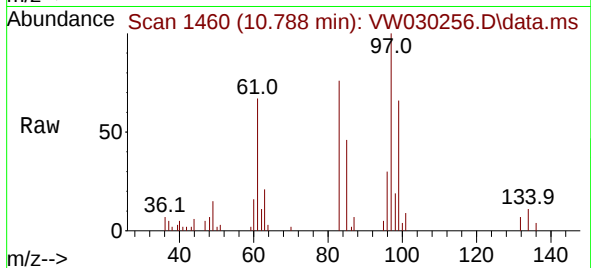
Ion Ratio Lower Upper

97 100

99 66.3 40.4 75.0

83 76.0 56.7 105.3

85 46.1 37.2 69.2



#46

Tetrachloroethene

Concen: 2.642 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Tgt Ion:164 Resp: 5325

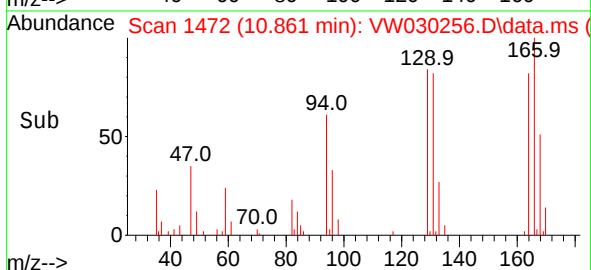
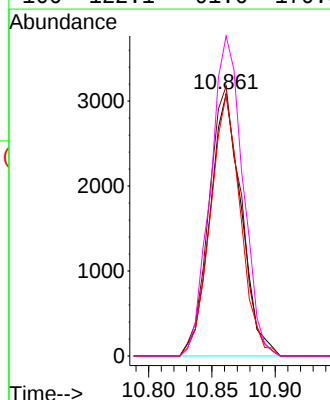
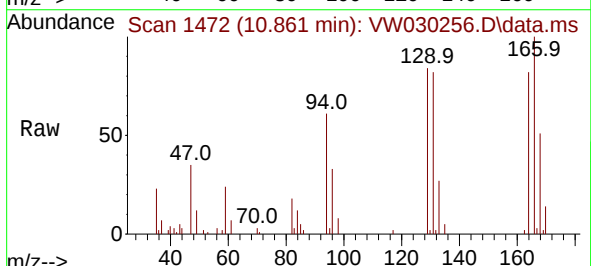
Ion Ratio Lower Upper

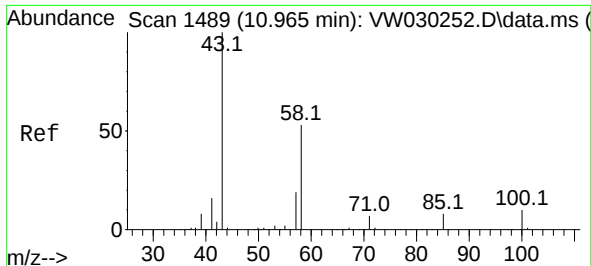
164 100

129 102.9 69.9 129.9

131 99.6 63.8 118.6

166 122.1 91.6 170.0





#48

2-Hexanone

Concen: 4.846 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

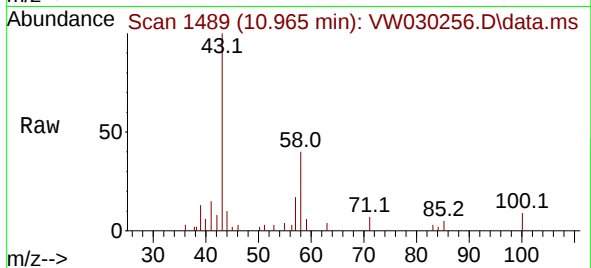
Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 5920

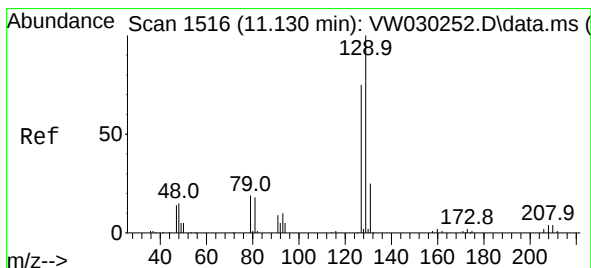
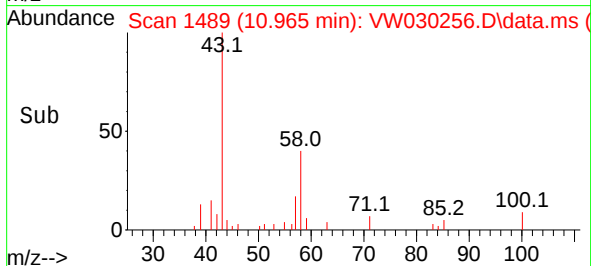
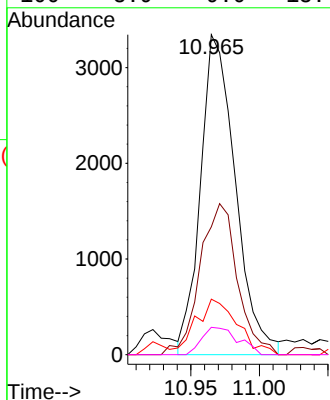
Ion Ratio Lower Upper

43 100

58 50.7 43.3 64.9

57 19.8 15.4 23.0

100 8.9 9.0 13.4#



#49

Dibromochloromethane

Concen: 2.572 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW030256.D

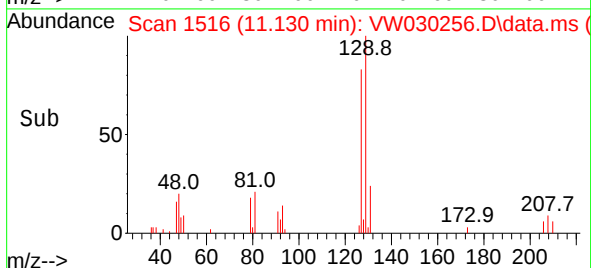
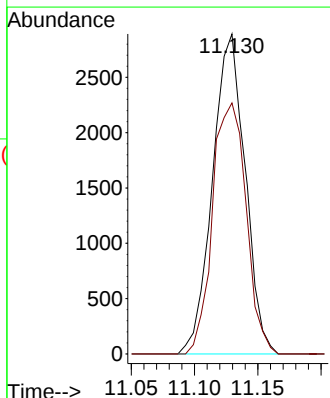
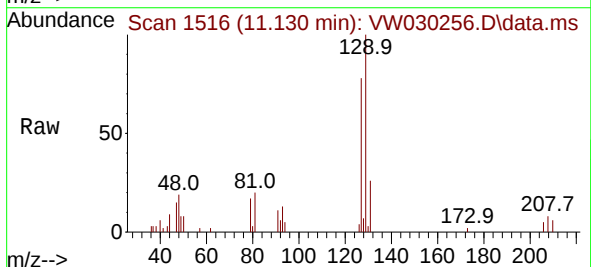
Acq: 26 Sep 2024 13:06

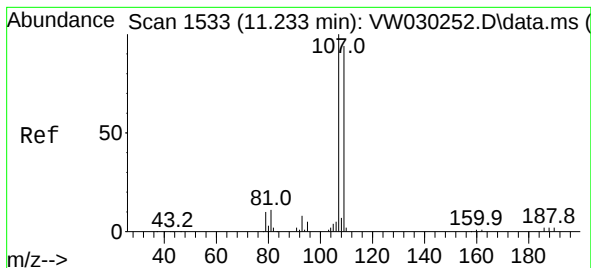
Tgt Ion: 129 Resp: 5179

Ion Ratio Lower Upper

129 100

127 78.5 52.2 97.0





#50

1,2-Dibromoethane

Concen: 2.885 ug/L

RT: 11.239 min Scan# 1533

Delta R.T. 0.006 min

Lab File: VW030256.D

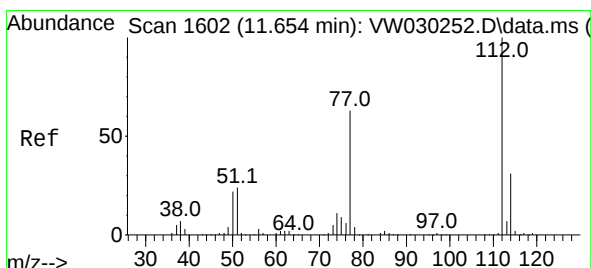
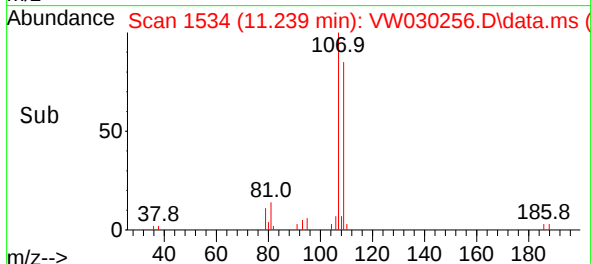
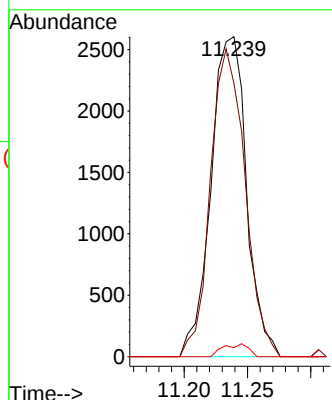
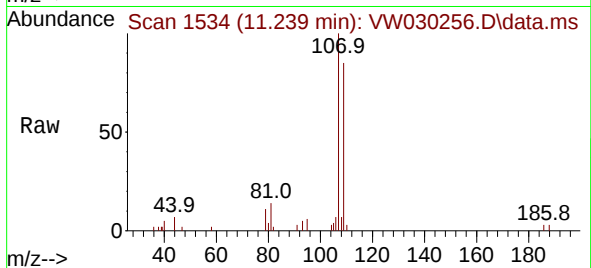
Acq: 26 Sep 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	5086
Ion Ratio	Lower	Upper
107	100	
109	85.4	65.9 122.5
188	2.8	1.9 2.9



#51

Chlorobenzene

Concen: 2.614 ug/L

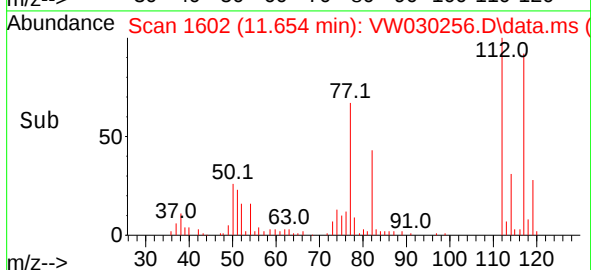
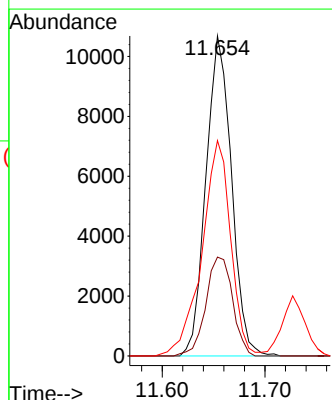
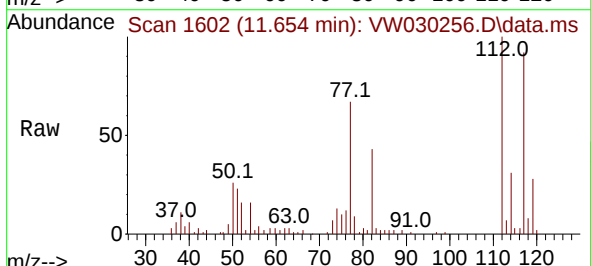
RT: 11.654 min Scan# 1602

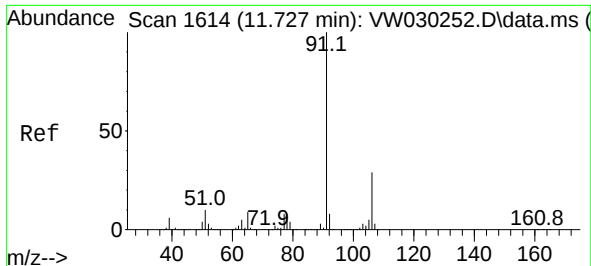
Delta R.T. 0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Tgt Ion:112	Resp:	18430
Ion Ratio	Lower	Upper
112	100	
114	30.9	21.5 39.9
77	67.3	50.6 75.8





#52

Ethylbenzene

Concen: 2.363 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Instrument :

MSVOA_W

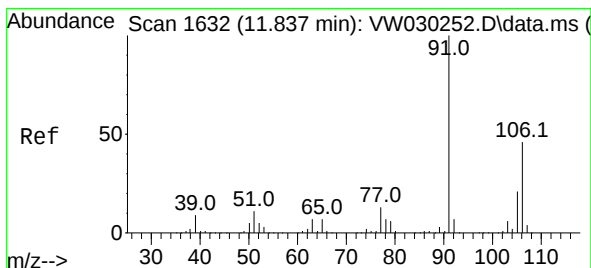
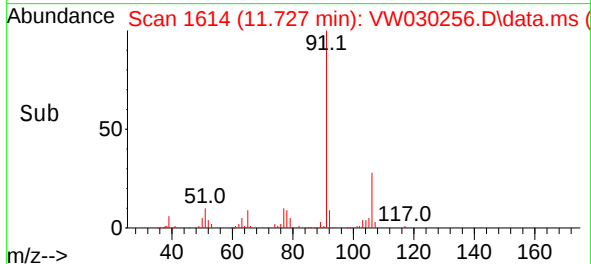
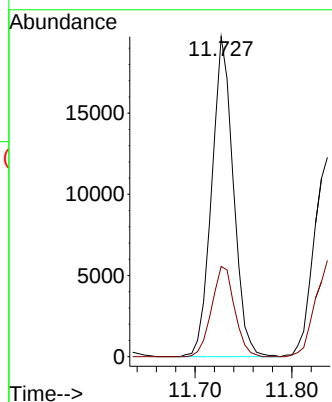
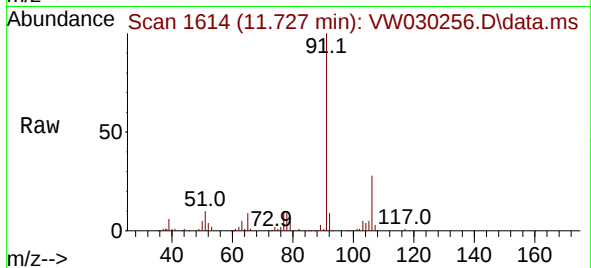
ClientSampleId :

Tgt Ion: 91 Resp: 30623

Ion Ratio Lower Upper

91 100

106 28.2 20.4 38.0



#53

m,p-Xylene

Concen: 2.338 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030256.D

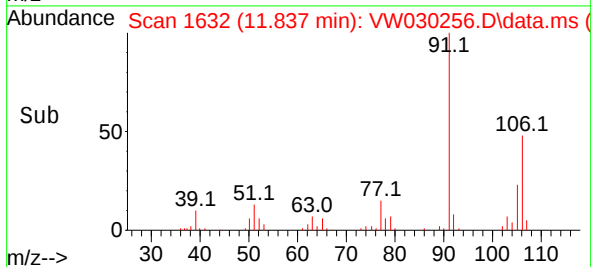
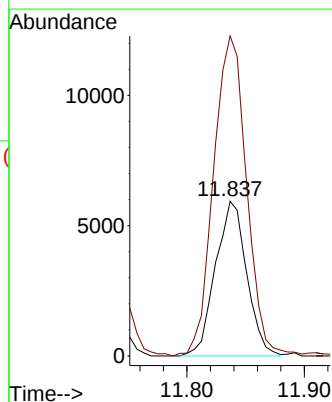
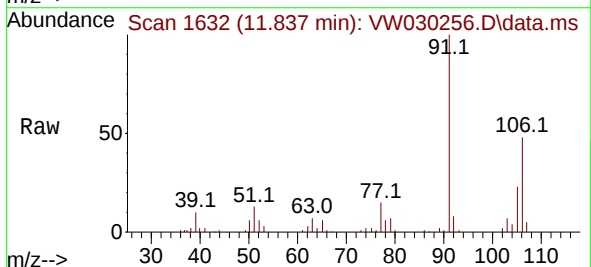
Acq: 26 Sep 2024 13:06

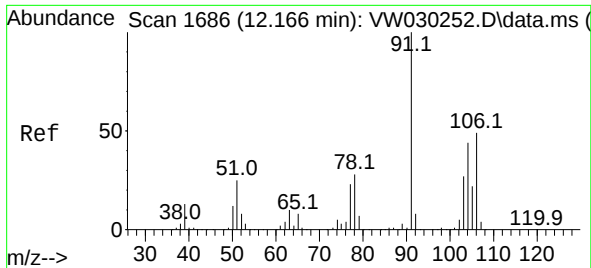
Tgt Ion:106 Resp: 10979

Ion Ratio Lower Upper

106 100

91 206.9 151.1 280.5

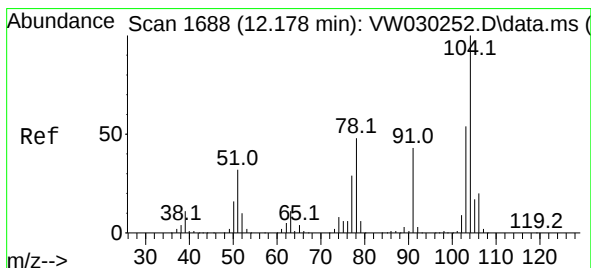
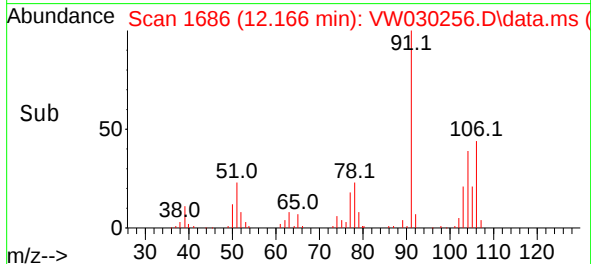
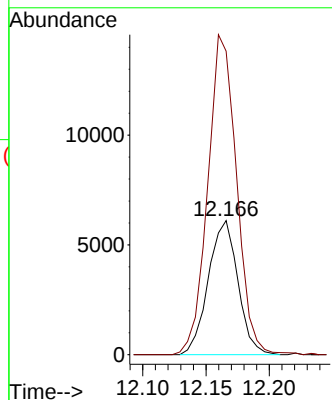
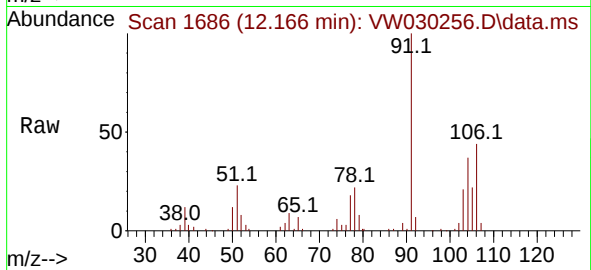




#54
o-Xylene
Concen: 2.254 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW030256.D
Acq: 26 Sep 2024 13:06

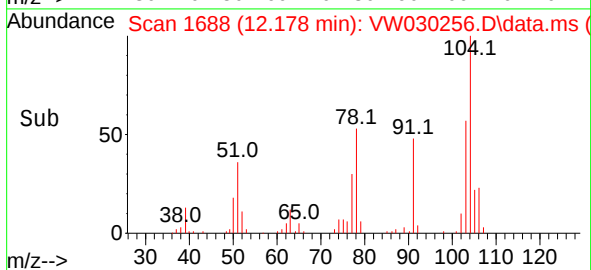
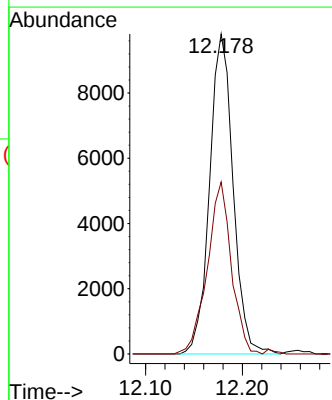
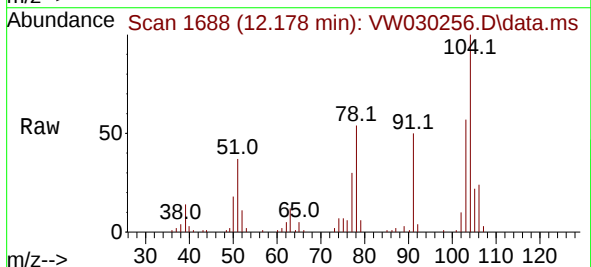
Instrument :
MSVOA_W
ClientSampleId :

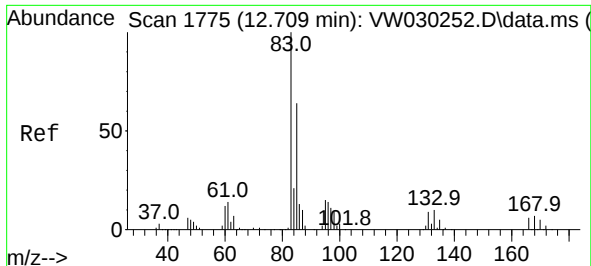
Tgt Ion:106 Resp: 9942
Ion Ratio Lower Upper
106 100
91 226.3 143.1 265.9



#55
Styrene
Concen: 2.231 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030256.D
Acq: 26 Sep 2024 13:06

Tgt Ion:104 Resp: 16568
Ion Ratio Lower Upper
104 100
78 53.8 33.6 62.4

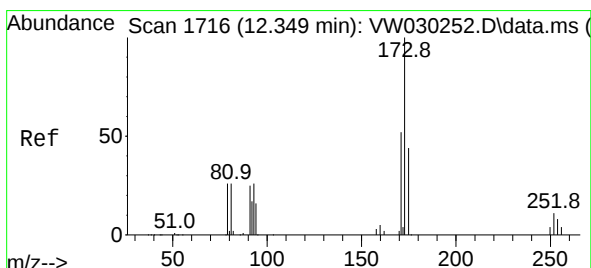
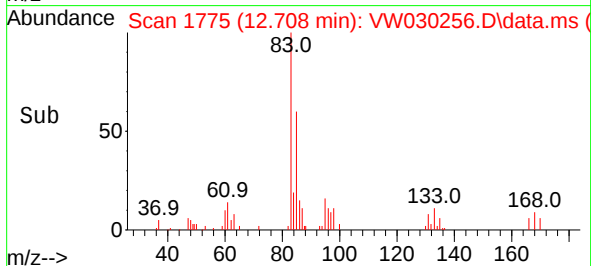
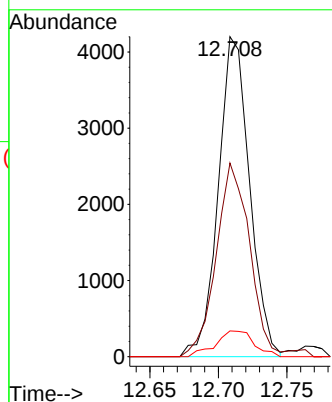
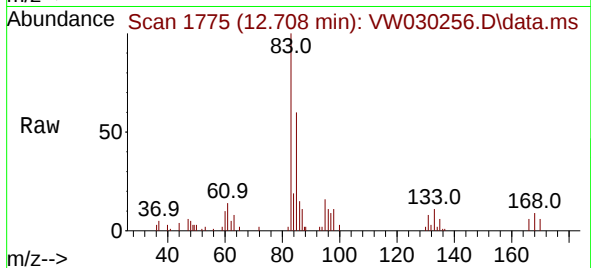




#57
1,1,2,2-Tetrachloroethane
Concen: 3.009 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW030256.D
Acq: 26 Sep 2024 13:06

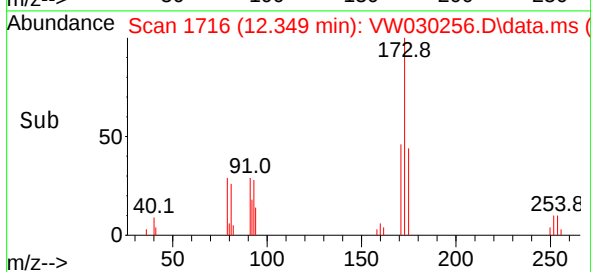
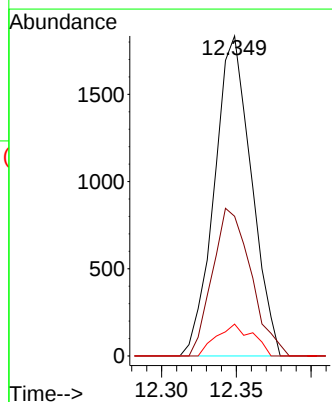
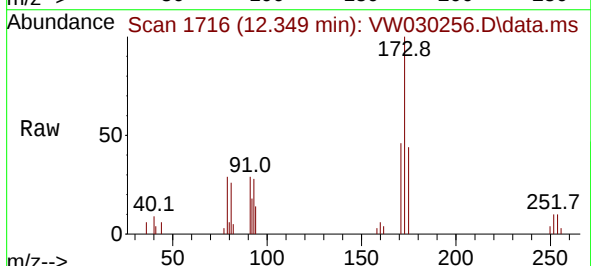
Instrument :
MSVOA_W
ClientSampleId :

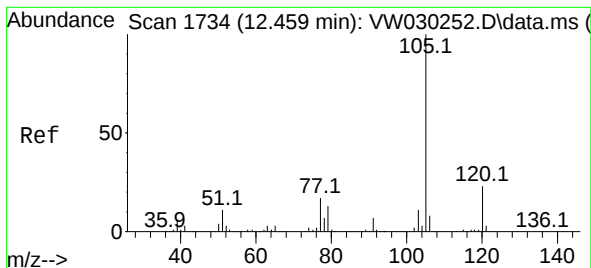
Tgt Ion:	83	Resp:	6680
Ion Ratio	Lower	Upper	
83	100		
85	60.5	44.9	83.5
131	8.1	7.3	10.9



#59
Bromoform
Concen: 2.897 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030256.D
Acq: 26 Sep 2024 13:06

Tgt Ion:	173	Resp:	3150
Ion Ratio	Lower	Upper	
173	100		
175	48.2	37.8	56.8
254	9.7	7.4	11.2





#60

Isopropylbenzene

Concen: 2.328 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030256.D

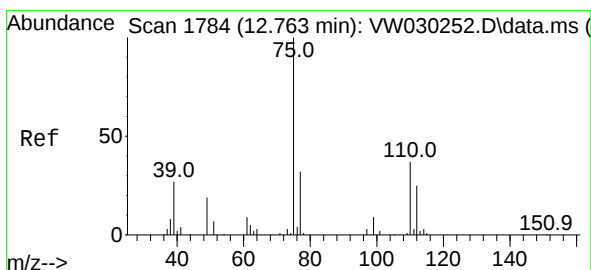
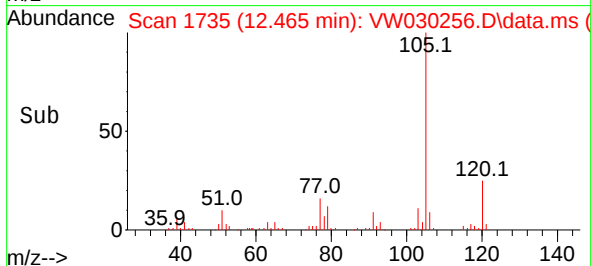
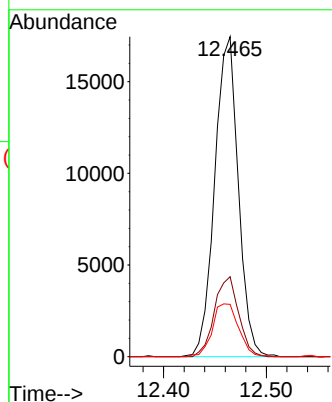
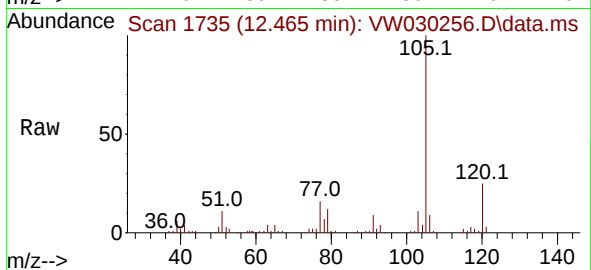
Acq: 26 Sep 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	27776
Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.5	30.7
77	18.4	13.6	20.4



#61

1,2,3-Trichloropropane

Concen: 3.097 ug/L

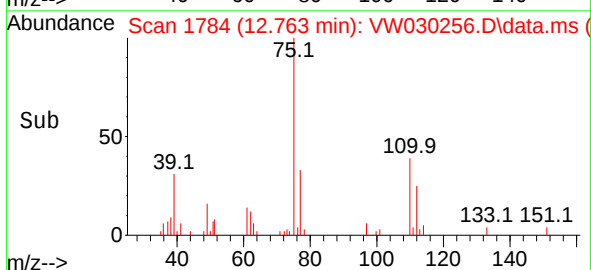
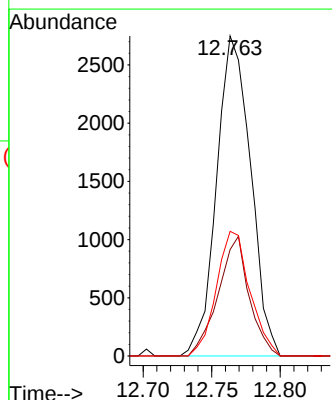
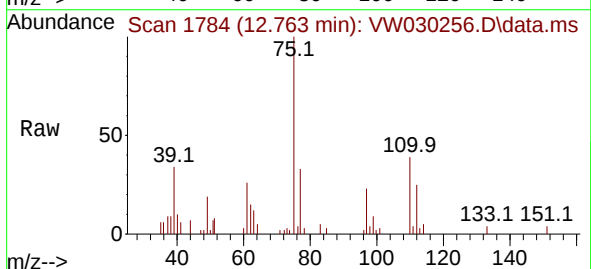
RT: 12.763 min Scan# 1784

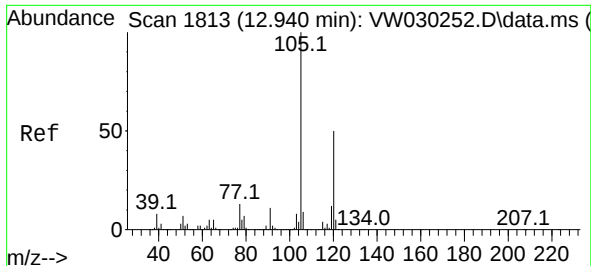
Delta R.T. 0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Tgt Ion:	75	Resp:	4753
Ion	Ratio	Lower	Upper
75	100		
77	33.9	26.6	39.8
110	38.4	30.3	45.5





#62

1,3,5-Trimethylbenzene

Concen: 2.266 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Instrument :

MSVOA_W

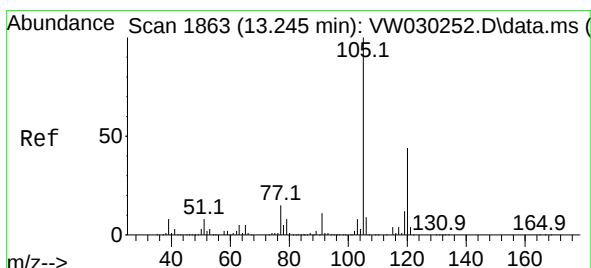
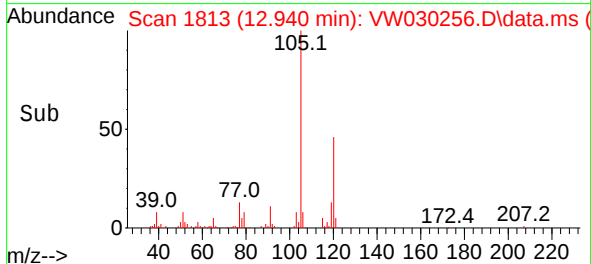
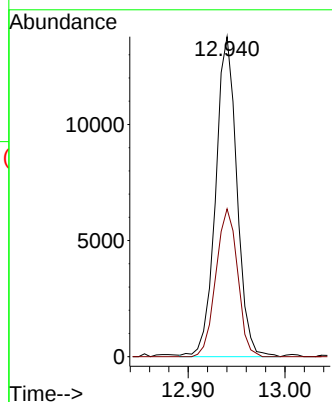
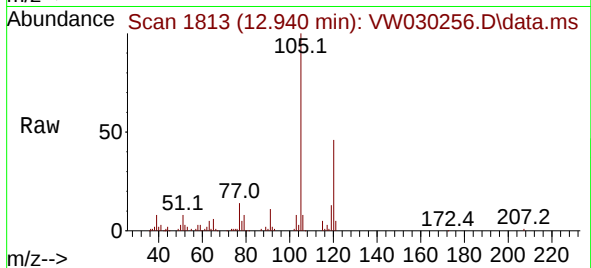
ClientSampleId :

Tgt Ion:105 Resp: 21042

Ion Ratio Lower Upper

105 100

120 47.0 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 2.236 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030256.D

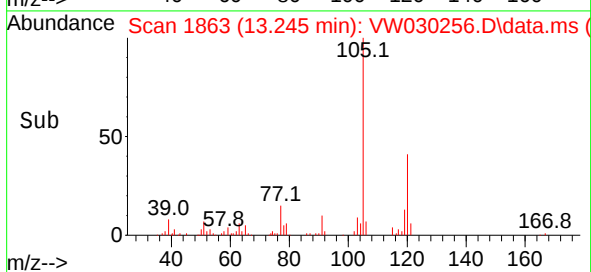
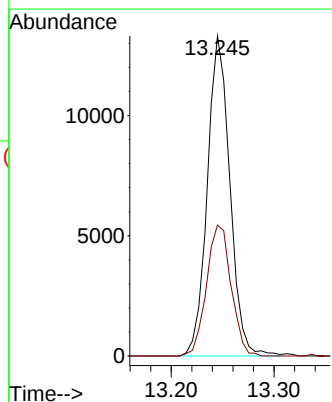
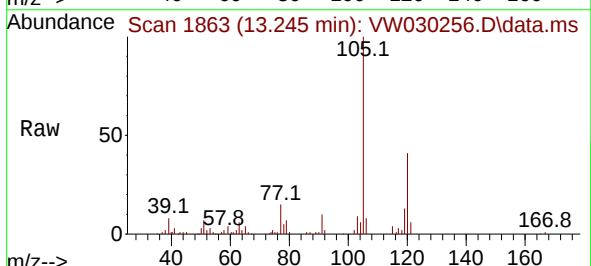
Acq: 26 Sep 2024 13:06

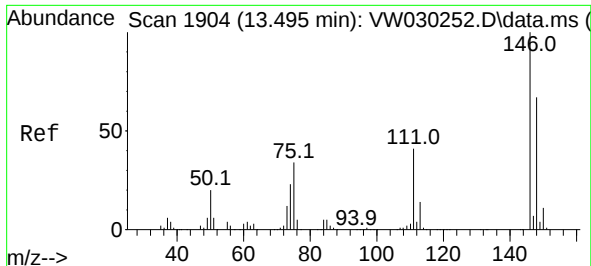
Tgt Ion:105 Resp: 20363

Ion Ratio Lower Upper

105 100

120 44.4 35.5 53.3





#64

1,3-Dichlorobenzene

Concen: 2.519 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :

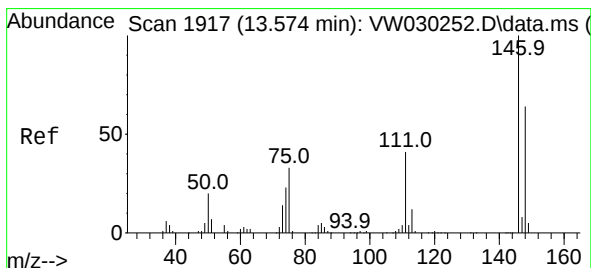
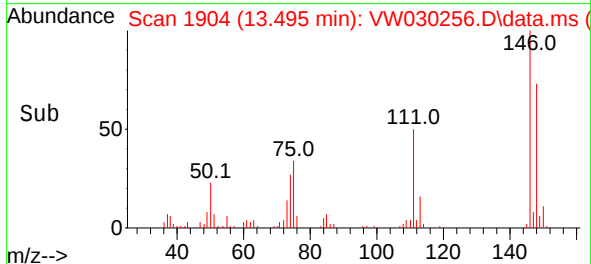
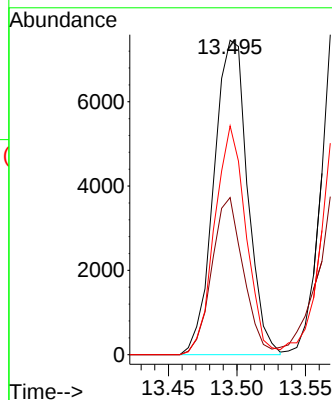
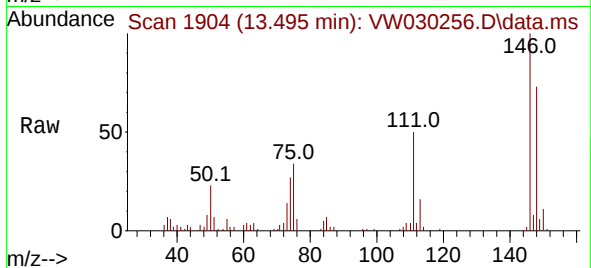
Tgt Ion:146 Resp: 12783

Ion Ratio Lower Upper

146 100

111 50.0 29.0 53.8

148 72.8 46.6 86.6



#65

1,4-Dichlorobenzene

Concen: 2.804 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

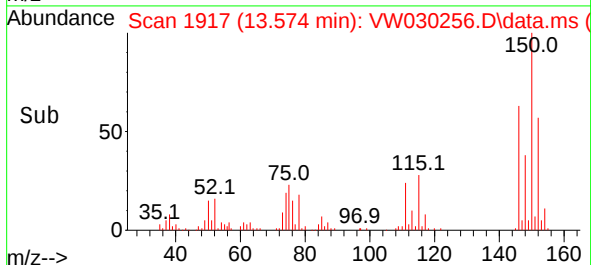
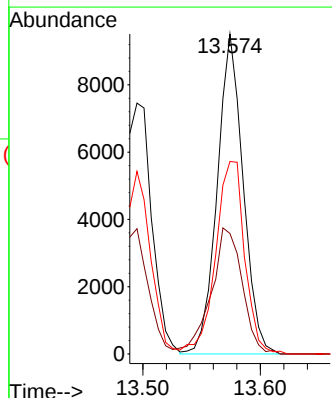
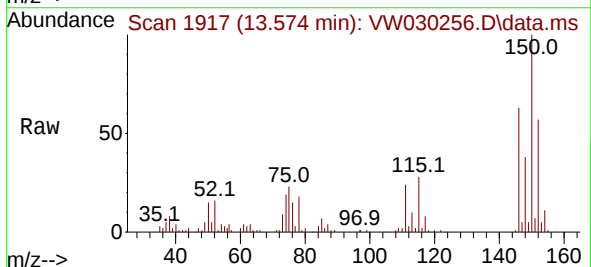
Tgt Ion:146 Resp: 14561

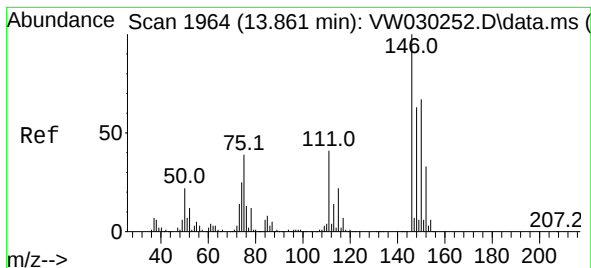
Ion Ratio Lower Upper

146 100

111 37.6 29.0 53.8

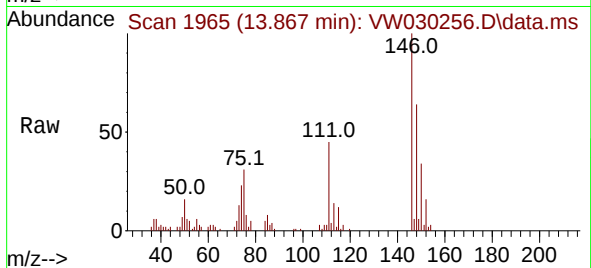
148 60.2 44.7 83.1



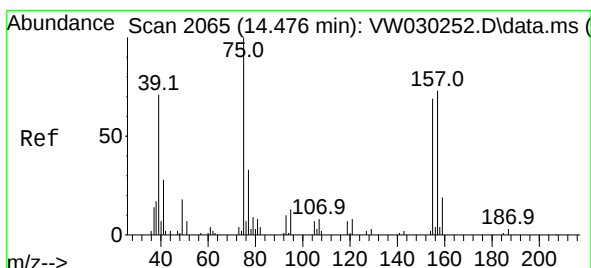
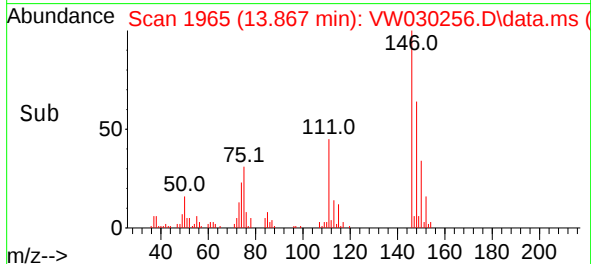
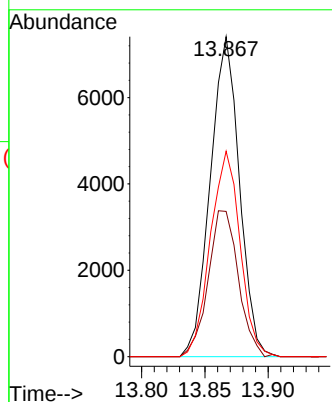


#67
1,2-Dichlorobenzene
Concen: 2.688 ug/L
RT: 13.867 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VW030256.D
Acq: 26 Sep 2024 13:06

Instrument :
MSVOA_W
ClientSampleId :

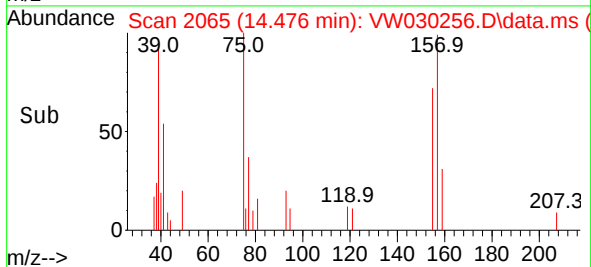
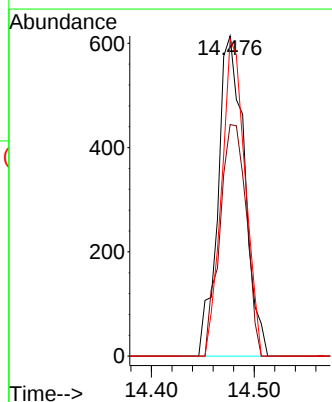
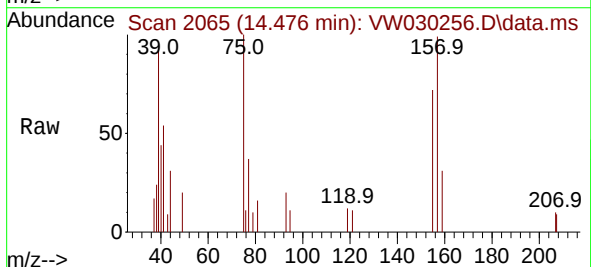


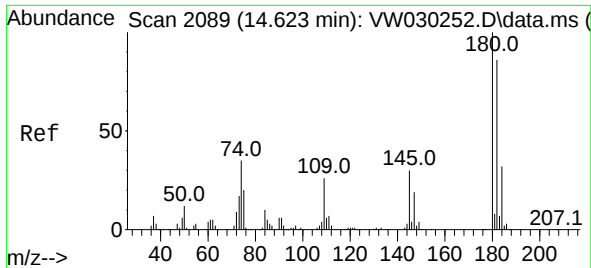
Tgt Ion:146 Resp: 11883
Ion Ratio Lower Upper
146 100
111 45.4 32.9 49.3
148 64.2 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 3.243 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030256.D
Acq: 26 Sep 2024 13:06

Tgt Ion: 75 Resp: 1096
Ion Ratio Lower Upper
75 100
155 72.3 55.4 83.2
157 99.0 58.3 87.5#





#69

1,3,5-Trichlorobenzene

Concen: 2.593 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

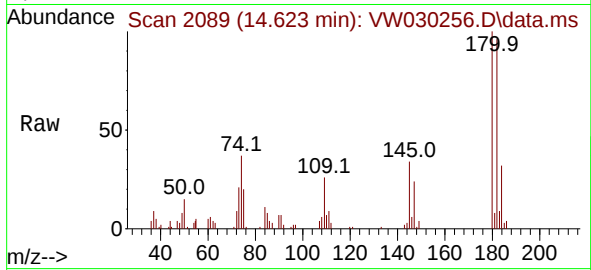
Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 8594

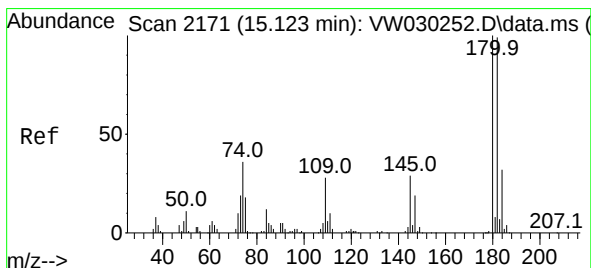
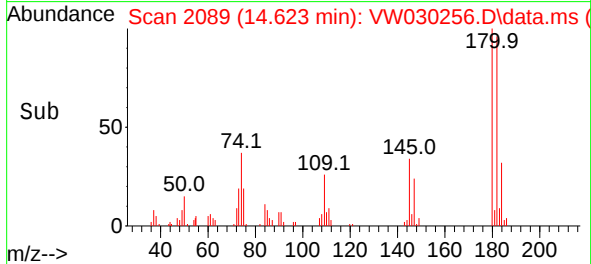
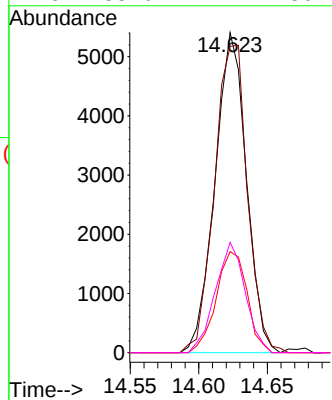
Ion Ratio Lower Upper

180 100

182 100.8 71.8 107.8

184 31.2 23.7 35.5

145 33.0 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 2.824 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW030256.D

Acq: 26 Sep 2024 13:06

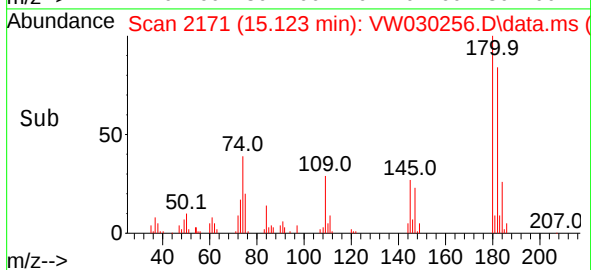
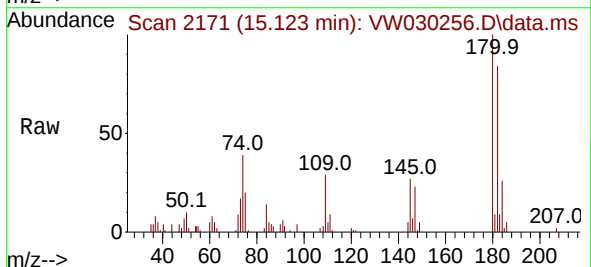
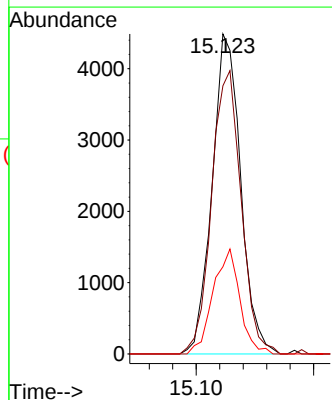
Tgt Ion:180 Resp: 7580

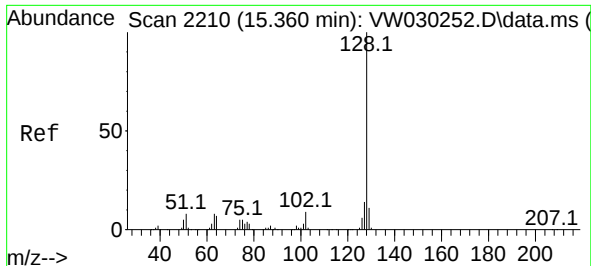
Ion Ratio Lower Upper

180 100

182 91.5 74.6 112.0

145 30.8 24.2 36.2

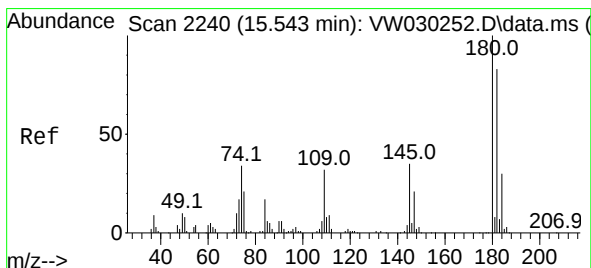
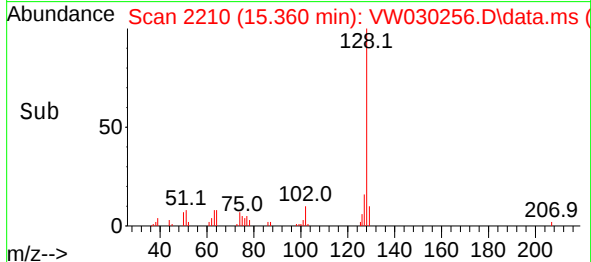
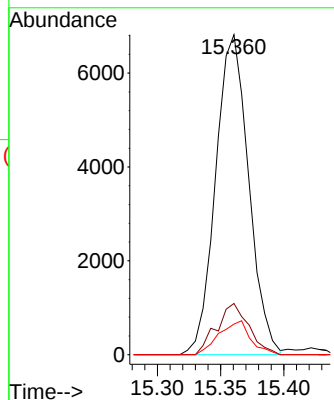
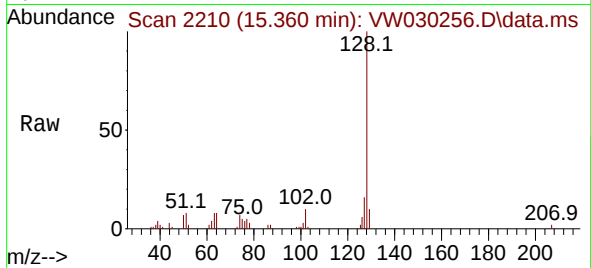




#71
Naphthalene
Concen: 2.658 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030256.D
Acq: 26 Sep 2024 13:06

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 12383
Ion Ratio Lower Upper
128 100
127 15.6 11.0 16.6
129 10.0 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 2.777 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW030256.D
Acq: 26 Sep 2024 13:06

Tgt Ion:180 Resp: 6499
Ion Ratio Lower Upper
180 100
182 100.3 73.4 110.2
145 36.2 27.5 41.3

