

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
 Data File : VW030257.D
 Acq On : 26 Sep 2024 13:54
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 27 04:34:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 04:25:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	174484	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	160103	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	75552	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	69017	29.315	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.280%
7) Chloroethane-d5	2.899	69	53012	30.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.200%
11) 1,1-Dichloroethene-d2	4.021	65	32442	27.818	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	111.280%#
21) 2-Butanone-d5	7.087	46	22167	39.321	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.640%
24) Chloroform-d	7.648	84	134417	26.017	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.080%
26) 1,2-Dichloroethane-d4	8.307	65	64385	24.433	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.720%
32) Benzene-d6	8.276	84	271882	26.883	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.520%
36) 1,2-Dichloropropane-d6	9.270	67	81064	25.889	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.560%
41) Toluene-d8	10.318	98	243193	27.057	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.240%
43) trans-1,3-Dichloroprop...	10.575	79	28302	23.847	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.400%
47) 2-Hexanone-d5	10.922	63	17190	39.220	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	44248	20.688	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	67018	25.490	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	57468	30.617	ug/L	96
3) Chloromethane	2.222	50	70581	26.333	ug/L	98
5) Vinyl chloride	2.375	62	76743	28.418	ug/L	95
6) Bromomethane	2.789	94	45308	27.656	ug/L	96
8) Chloroethane	2.936	64	44662	28.260	ug/L	89
9) Trichlorofluoromethane	3.271	101	64413	26.994	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	57757	24.494	ug/L #	56
12) 1,1-Dichloroethene	4.045	96	61124	27.497	ug/L	94
13) Acetone	4.137	43	33215	41.331	ug/L	99
14) Carbon disulfide	4.387	76	214827	26.918	ug/L	99
15) Methyl Acetate	4.673	43	20117	18.174	ug/L	98
16) Methylene chloride	4.923	84	62977	23.563	ug/L	90
17) trans-1,2-Dichloroethene	5.429	96	67020	26.587	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	73869	21.387	ug/L	99
19) 1,1-Dichloroethane	6.216	63	129974	25.573	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	68600	25.413	ug/L	95
22) 2-Butanone	7.173	43	37352	40.861	ug/L	96
23) Bromochloromethane	7.520	128	26358	23.933	ug/L	91
25) Chloroform	7.673	83	124977	25.271	ug/L	99

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 Response via : Initial Calibration

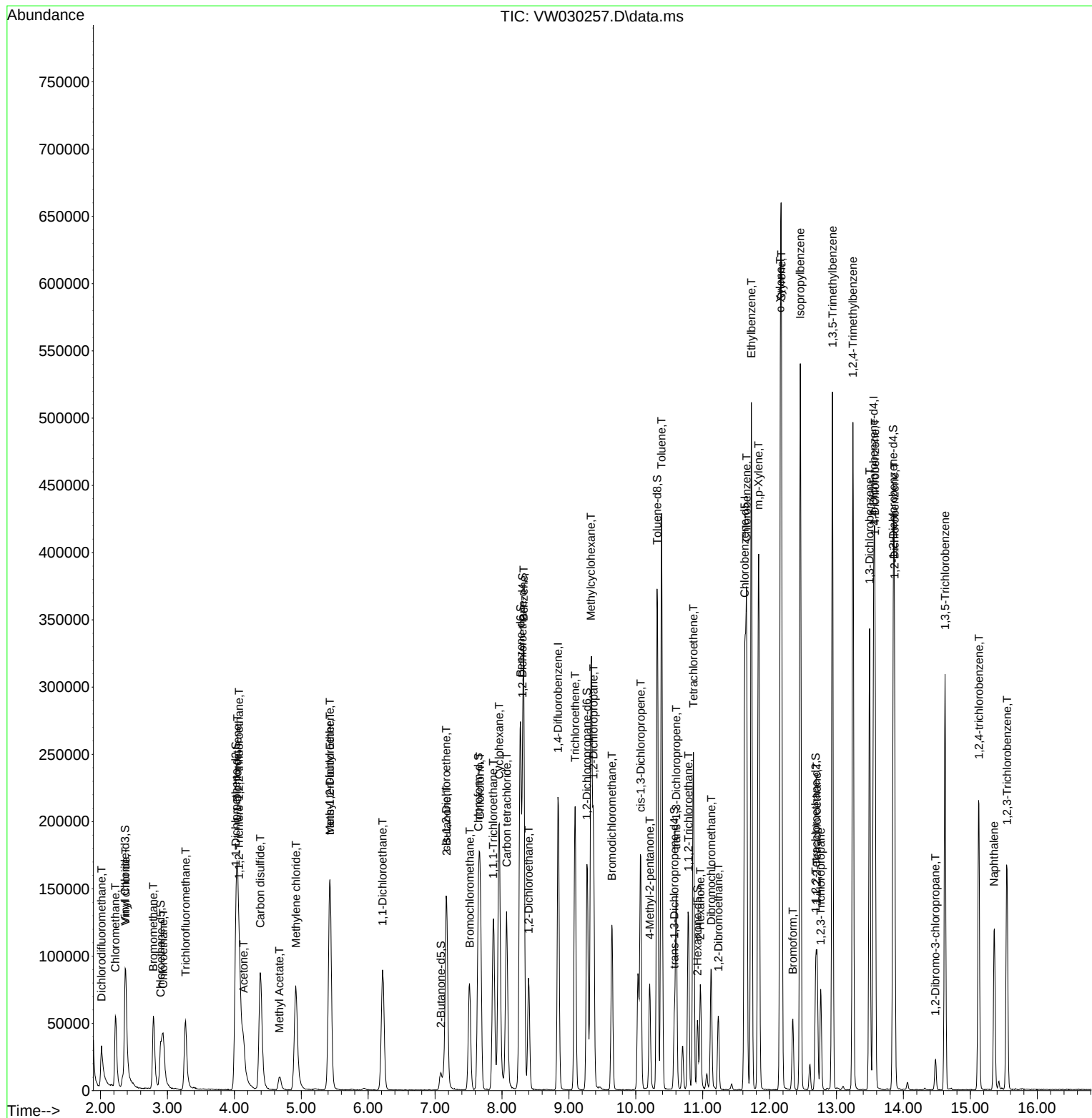
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	73691	23.011	ug/L	98
29) Cyclohexane	7.959	56	115999	28.474	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	105414	26.598	ug/L	99
31) Carbon tetrachloride	8.069	117	96753	26.946	ug/L	100
33) Benzene	8.325	78	286430	26.108	ug/L	100
34) Trichloroethene	9.093	95	74932	26.330	ug/L	96
35) Methylcyclohexane	9.331	83	127847	28.567	ug/L	99
37) 1,2-Dichloropropane	9.367	63	70704	24.314	ug/L	100
38) Bromodichloromethane	9.642	83	82552	24.375	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	102834	24.903	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	53959	37.616	ug/L	98
42) Toluene	10.386	91	305123	26.948	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	77665	23.148	ug/L	94
45) 1,1,2-Trichloroethane	10.788	97	41236	22.259	ug/L	98
46) Tetrachloroethene	10.861	164	52207	26.232	ug/L	91
48) 2-Hexanone	10.965	43	50087	41.520	ug/L	99
49) Dibromochloromethane	11.129	129	44555	22.409	ug/L	97
50) 1,2-Dibromoethane	11.233	107	37207	21.374	ug/L #	99
51) Chlorobenzene	11.654	112	176365	25.333	ug/L	98
52) Ethylbenzene	11.727	91	341067	26.652	ug/L	99
53) m,p-Xylene	11.836	106	127682	27.534	ug/L	91
54) o-Xylene	12.160	106	112641	25.861	ug/L	84
55) Styrene	12.178	104	194395	26.511	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	43672	19.919	ug/L	99
59) Bromoform	12.349	173	23369	22.216	ug/L	99
60) Isopropylbenzene	12.458	105	328467	28.460	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	30504	20.541	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	255270	28.418	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	254145	28.850	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	125020	25.466	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	132056	26.288	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	114294	26.724	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	6229	19.050	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	85104	26.543	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	66073	25.448	ug/L	99
71) Naphthalene	15.354	128	99430	22.063	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	55066	24.320	ug/L	98

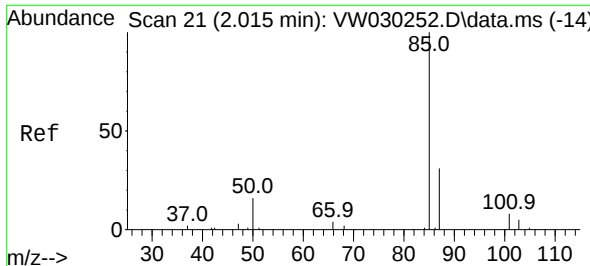
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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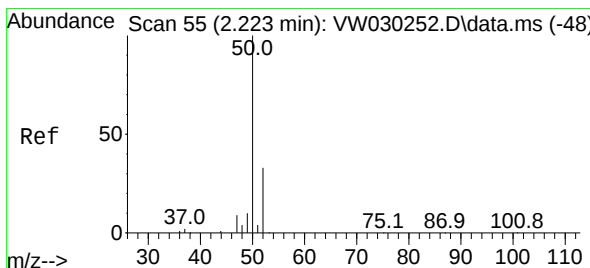
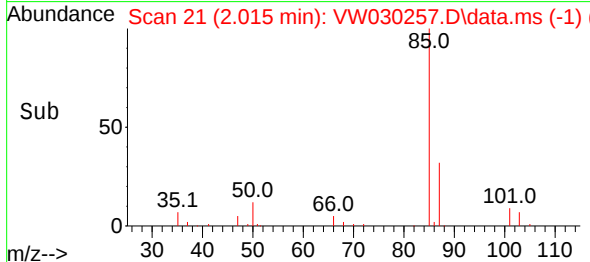
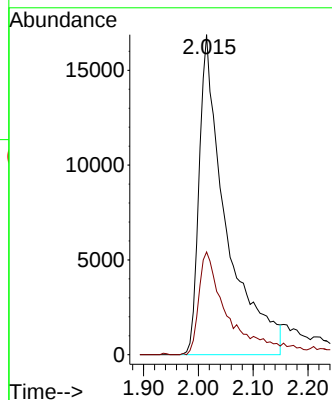
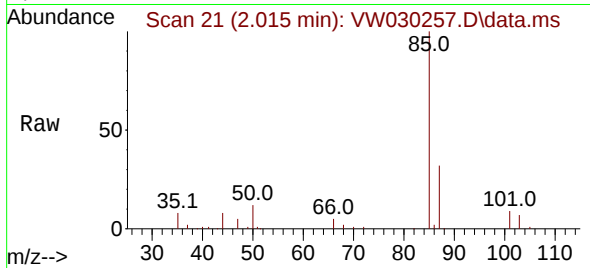




#2
Dichlorodifluoromethane
Concen: 30.617 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW030257.D
Acq: 26 Sep 2024 13:54

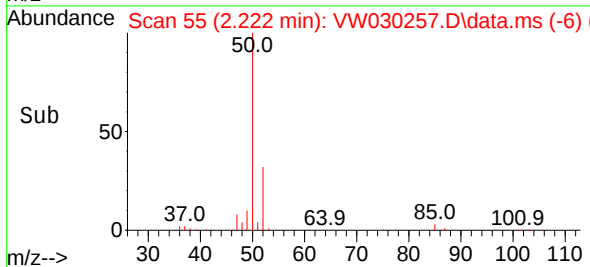
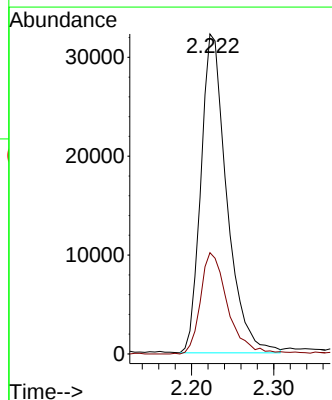
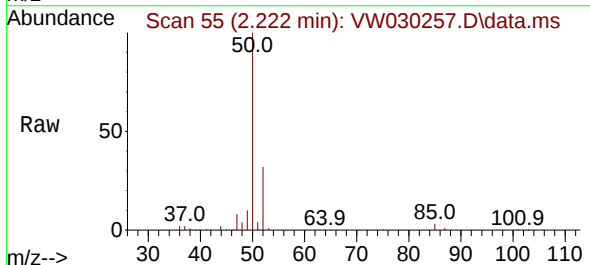
Instrument :
MSVOA_W
ClientSampleId :

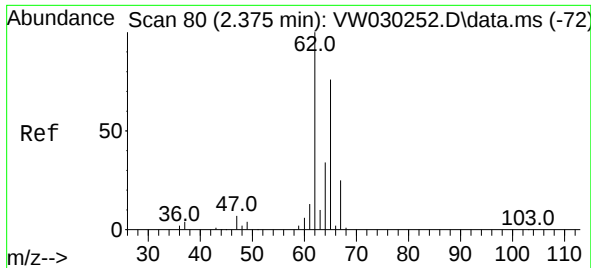
Tgt Ion: 85 Resp: 57468
Ion Ratio Lower Upper
85 100
87 25.7 22.2 33.4



#3
Chloromethane
Concen: 26.333 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW030257.D
Acq: 26 Sep 2024 13:54

Tgt Ion: 50 Resp: 70581
Ion Ratio Lower Upper
50 100
52 31.7 23.0 42.6

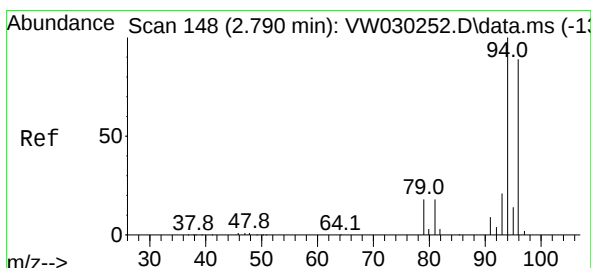
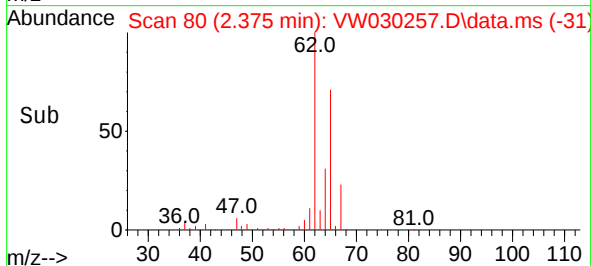
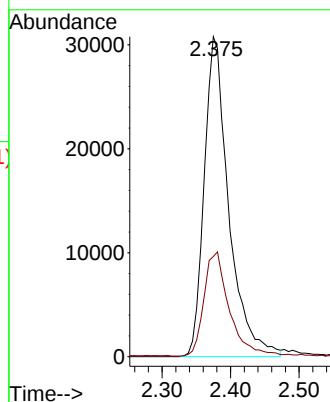
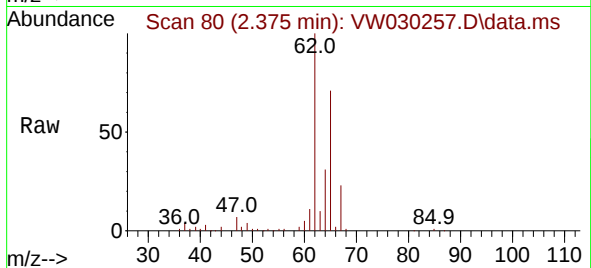




#5
 Vinyl chloride
 Concen: 28.418 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030257.D
 Acq: 26 Sep 2024 13:54

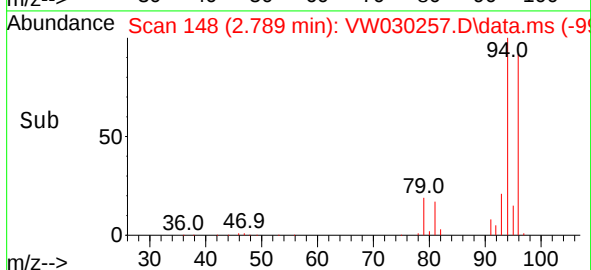
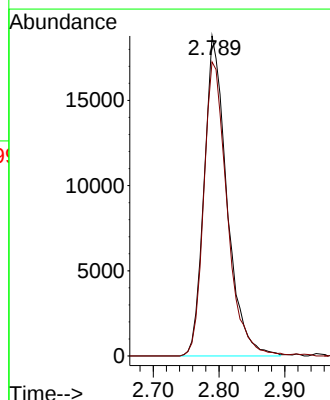
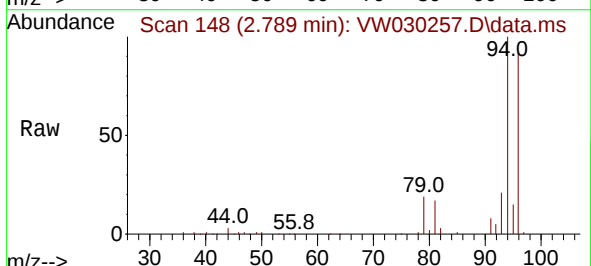
Instrument :
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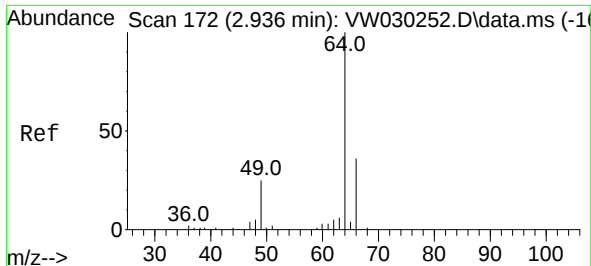
Tgt Ion: 62 Resp: 76743
 Ion Ratio Lower Upper
 62 100
 64 31.3 23.7 44.1



#6
 Bromomethane
 Concen: 27.656 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW030257.D
 Acq: 26 Sep 2024 13:54

Tgt Ion: 94 Resp: 45308
 Ion Ratio Lower Upper
 94 100
 96 91.9 62.0 115.2

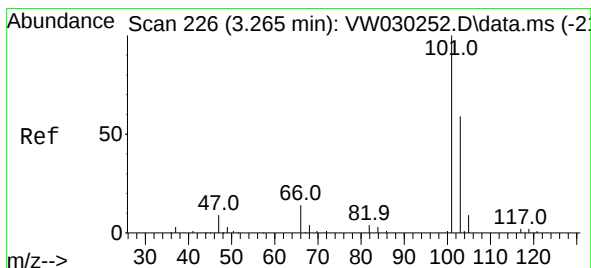
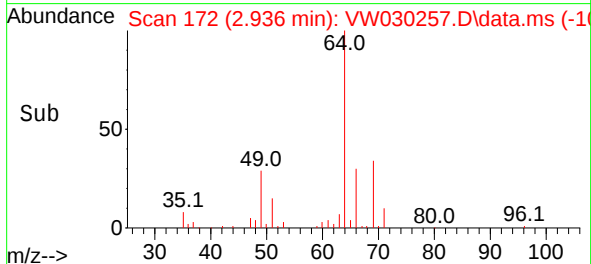
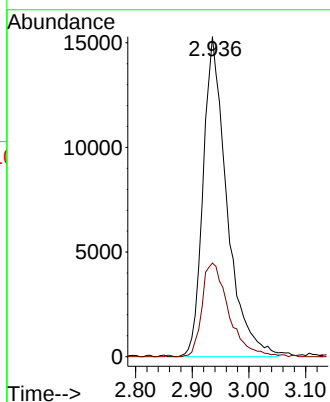
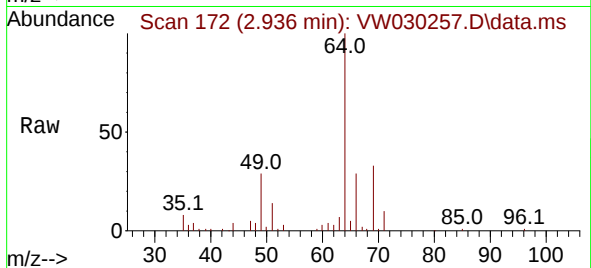




#8
Chloroethane
Concen: 28.260 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030257.D
Acq: 26 Sep 2024 13:54

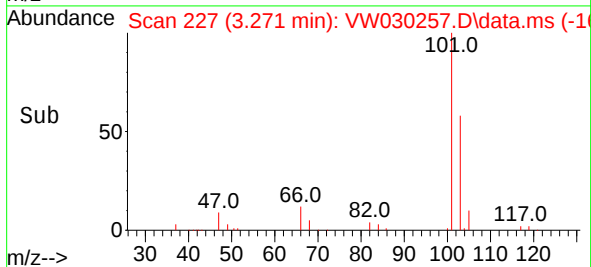
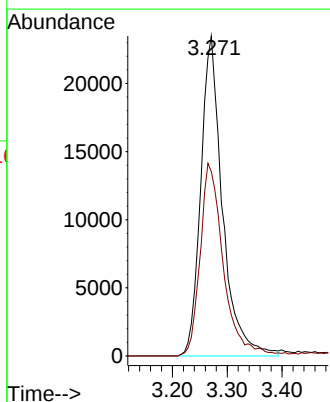
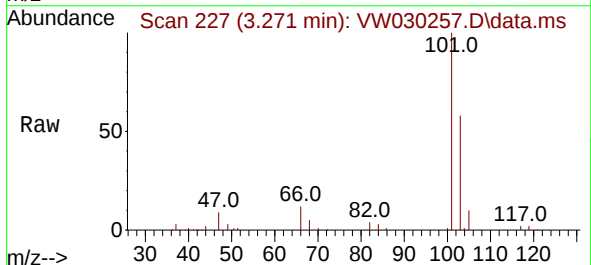
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MSVOA_W
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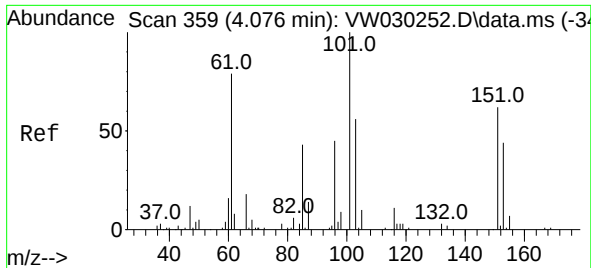
Tgt Ion: 64 Resp: 44662
Ion Ratio Lower Upper
64 100
66 29.3 25.0 46.4



#9
Trichlorofluoromethane
Concen: 26.994 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW030257.D
Acq: 26 Sep 2024 13:54

Tgt Ion:101 Resp: 64413
Ion Ratio Lower Upper
101 100
103 61.6 51.5 77.3





#10

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

Concen: 24.494 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Instrument :

MSVOA_W

ClientSampleId :

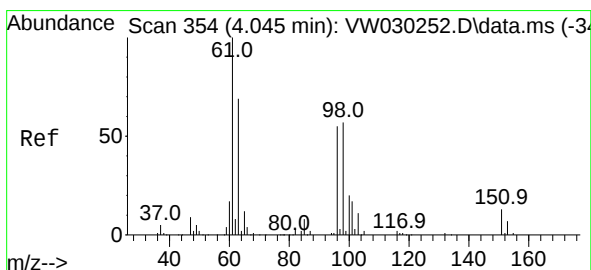
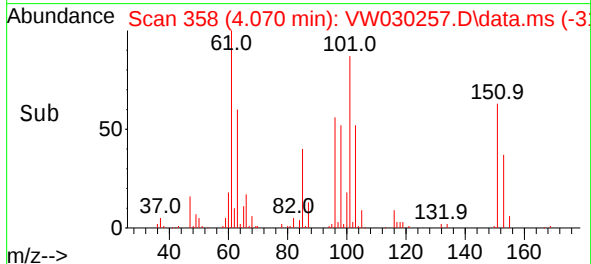
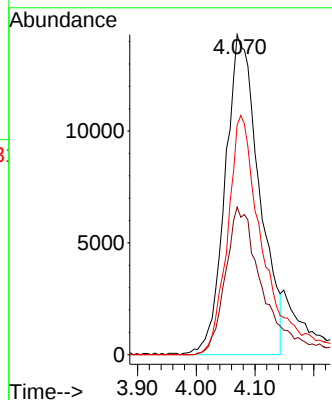
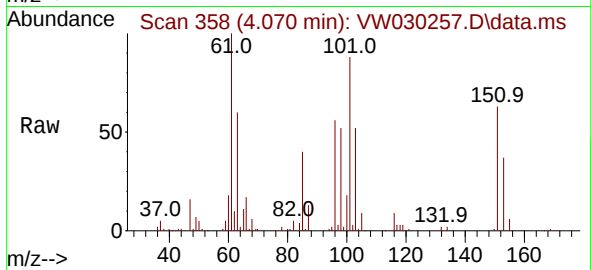
Tgt Ion:101 Resp: 57757

Ion Ratio Lower Upper

101 100

85 22.2 38.6 57.8#

151 74.1 33.8 50.8#



#12

1,1-Dichloroethene

Concen: 27.497 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

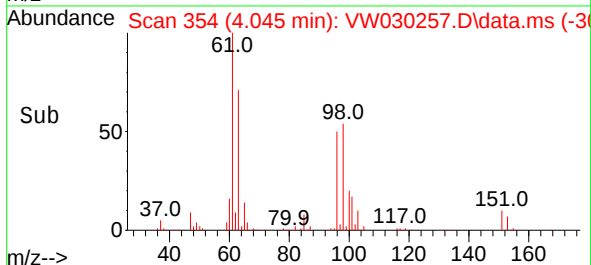
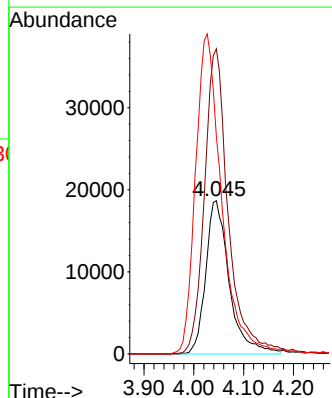
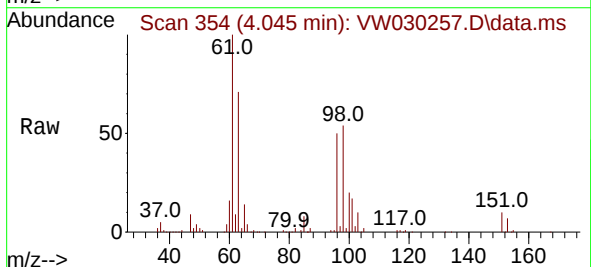
Tgt Ion: 96 Resp: 61124

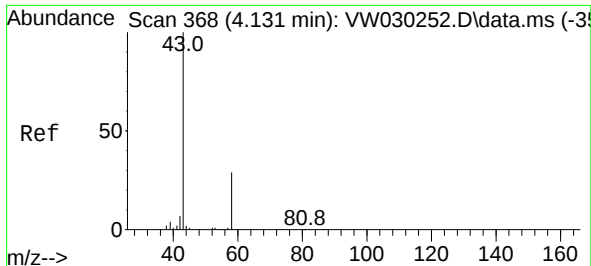
Ion Ratio Lower Upper

96 100

61 199.0 129.4 240.2

63 142.0 100.0 185.8

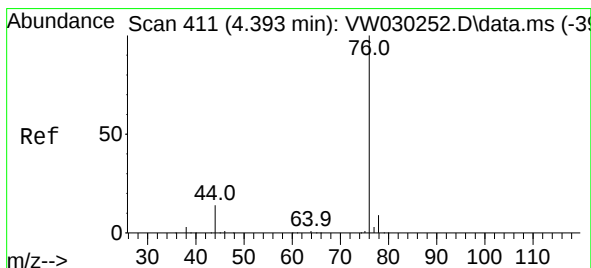
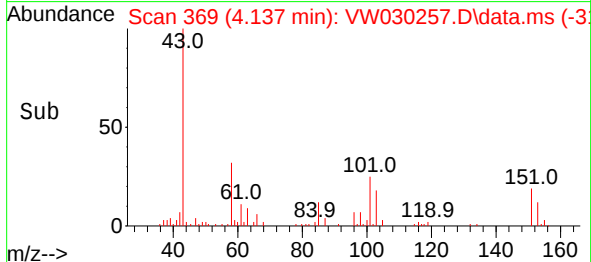
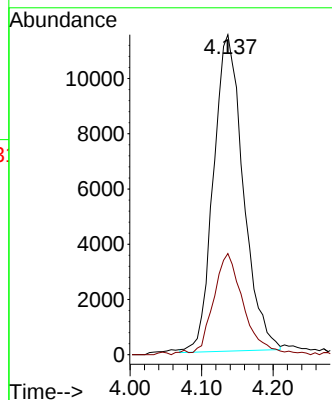
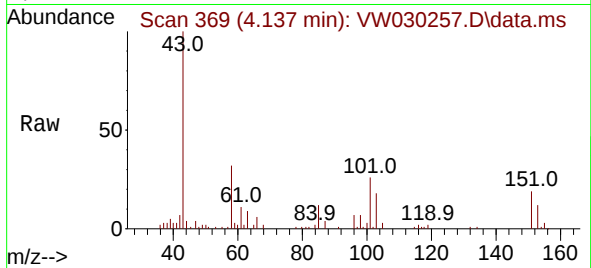




#13
Acetone
Concen: 41.331 ug/L
RT: 4.137 min Scan# 369
Delta R.T. 0.006 min
Lab File: VW030257.D
Acq: 26 Sep 2024 13:54

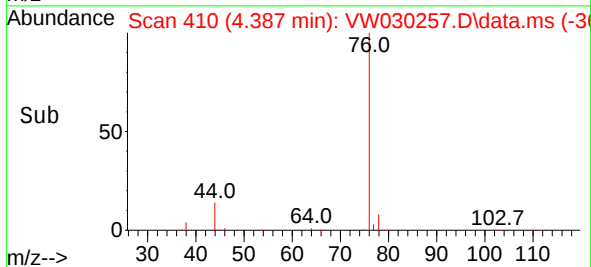
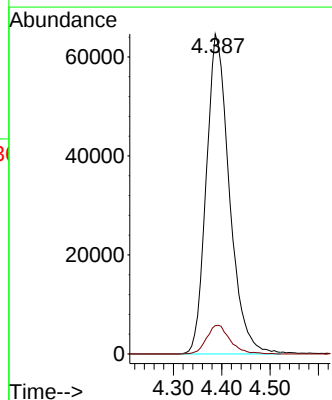
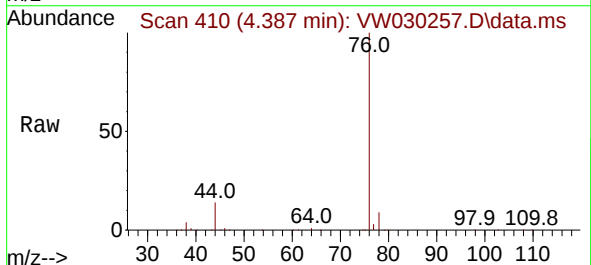
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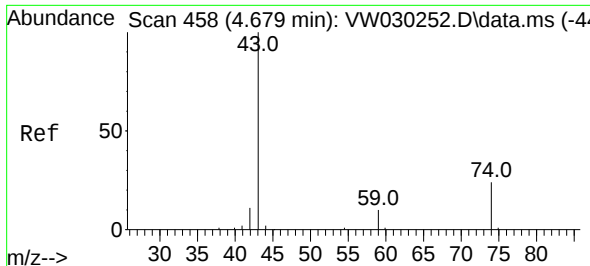
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Ion Ratio Lower Upper
43 100
58 30.6 0.0 62.0



#14
Carbon disulfide
Concen: 26.918 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 214827
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

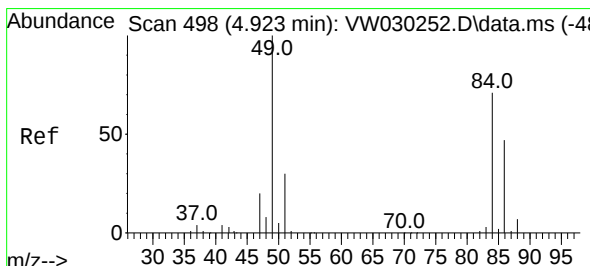
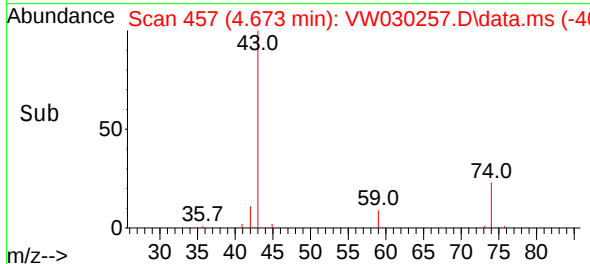
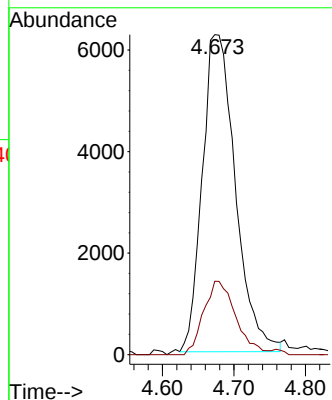
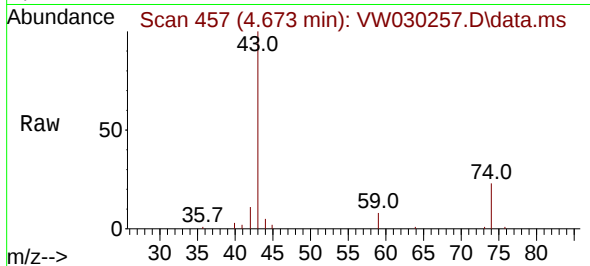




#15
Methyl Acetate
Concen: 18.174 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.006 min
Lab File: VW030257.D
Acq: 26 Sep 2024 13:54

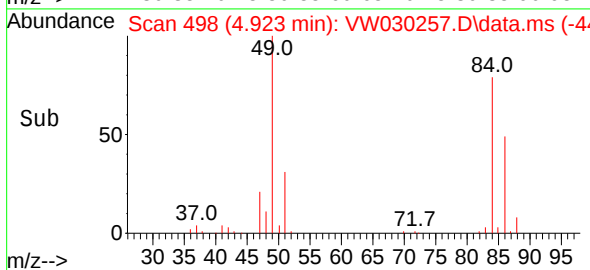
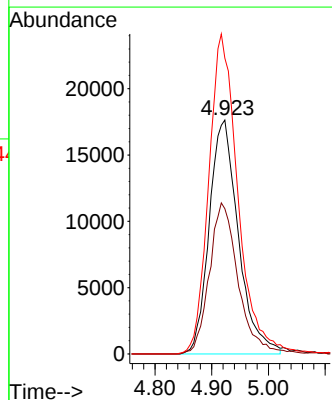
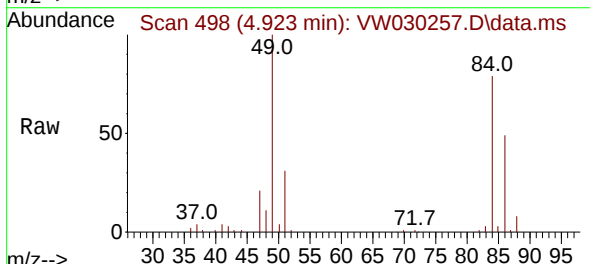
Instrument :
MSVOA_W
ClientSampleId :

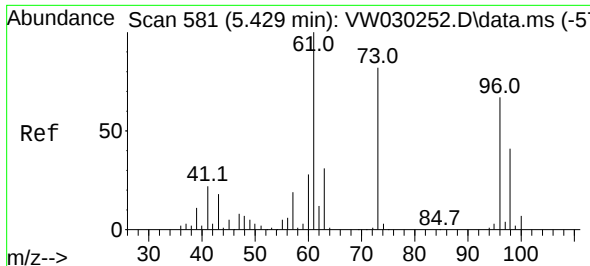
Tgt Ion: 43 Resp: 20117
Ion Ratio Lower Upper
43 100
74 22.4 17.3 25.9



#16
Methylene chloride
Concen: 23.563 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW030257.D
Acq: 26 Sep 2024 13:54

Tgt Ion: 84 Resp: 62977
Ion Ratio Lower Upper
84 100
86 62.1 46.7 86.7
49 126.5 98.8 183.6





#17

trans-1,2-Dichloroethene

Concen: 26.587 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Instrument :

MSVOA_W

ClientSampleId :

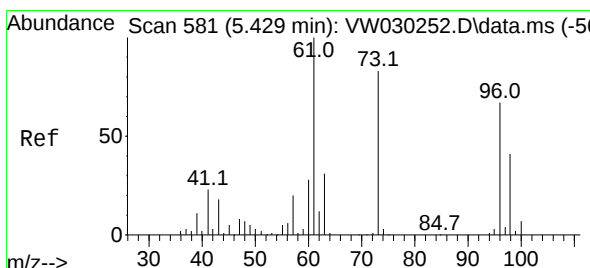
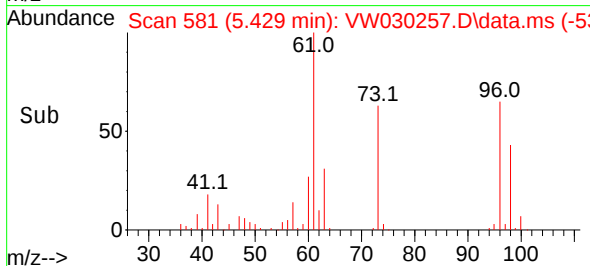
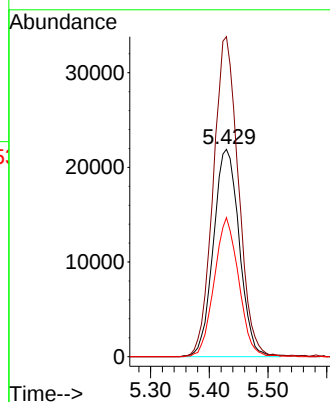
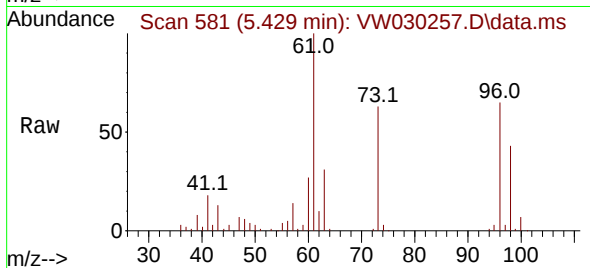
Tgt Ion: 96 Resp: 67020

Ion Ratio Lower Upper

96 100

61 154.3 104.3 193.7

98 67.0 42.6 79.0



#18

Methyl tert-butyl Ether

Concen: 21.387 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

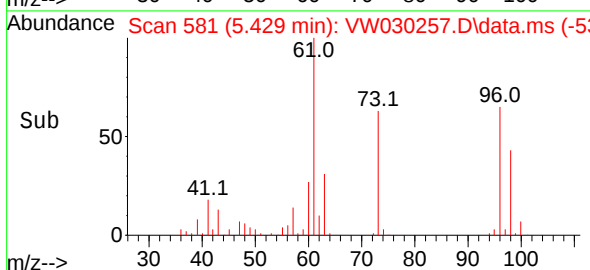
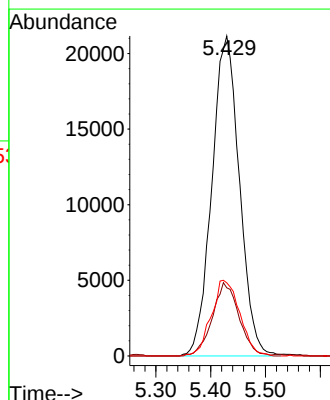
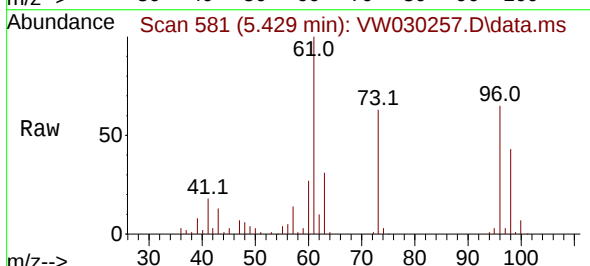
Tgt Ion: 73 Resp: 73869

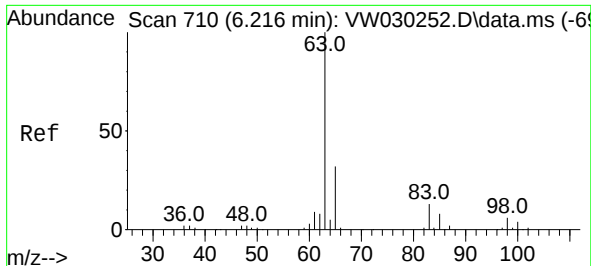
Ion Ratio Lower Upper

73 100

43 22.2 17.4 26.2

57 24.4 19.0 28.6





#19

1,1-Dichloroethane

Concen: 25.573 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Instrument :

MSVOA_W

ClientSampleId :

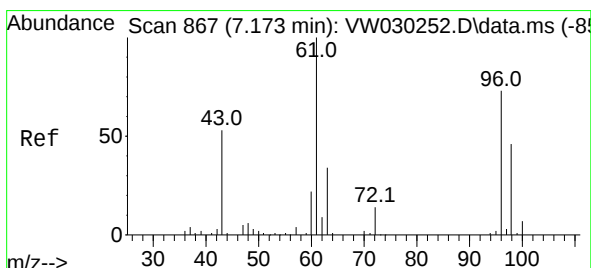
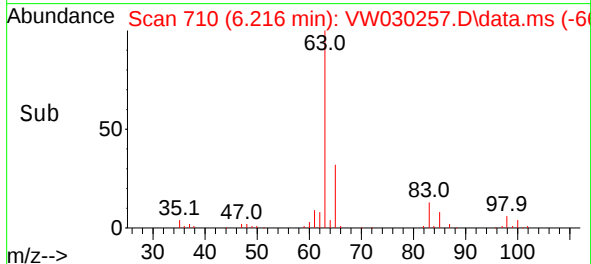
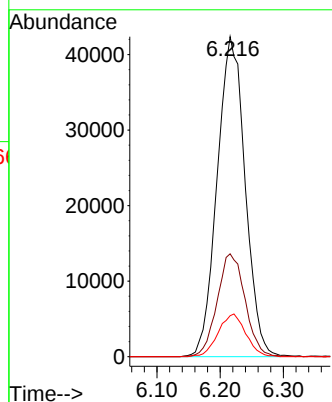
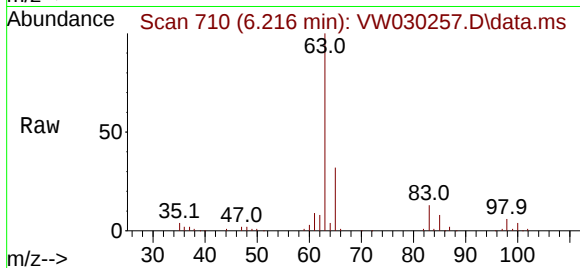
Tgt Ion: 63 Resp: 129974

Ion Ratio Lower Upper

63 100

65 32.1 22.0 41.0

83 12.8 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 25.413 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

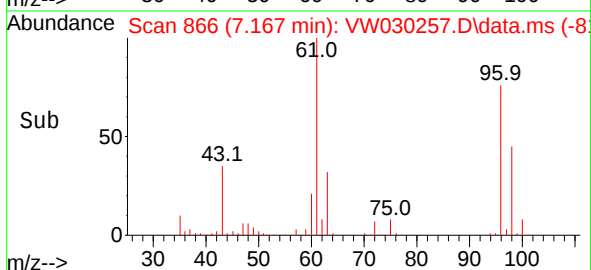
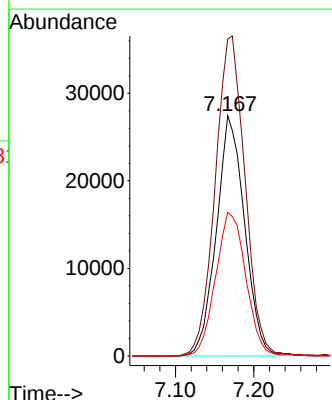
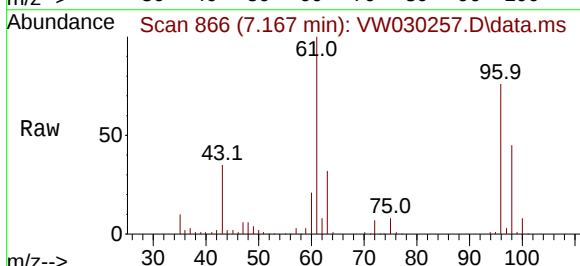
Tgt Ion: 96 Resp: 68600

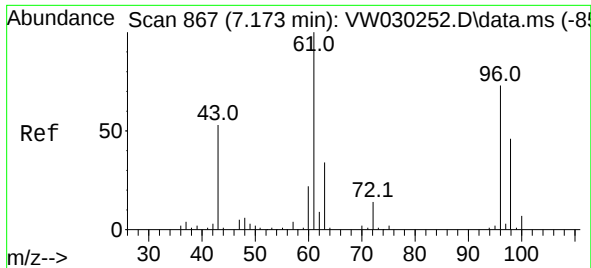
Ion Ratio Lower Upper

96 100

61 132.0 96.8 179.8

98 59.8 44.6 82.8





#22

2-Butanone

Concen: 40.861 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Instrument :

MSVOA_W

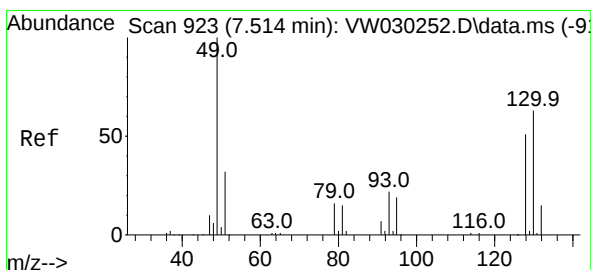
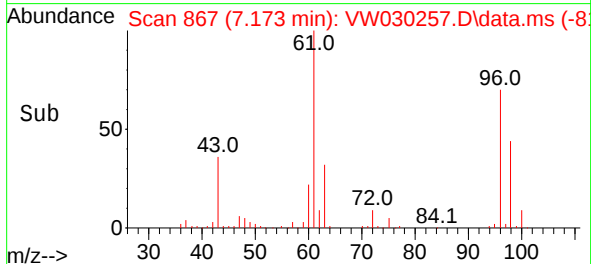
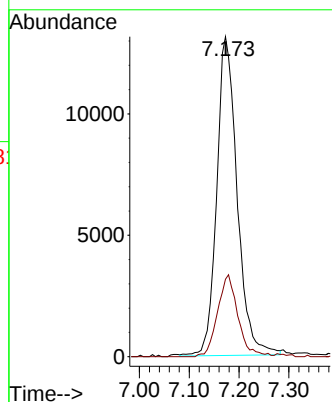
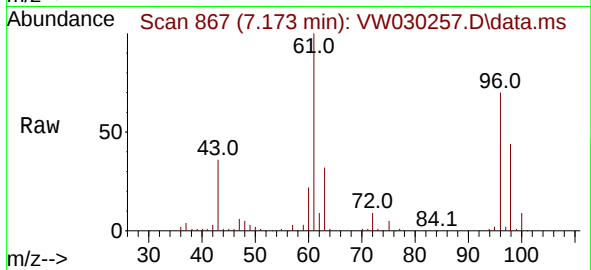
ClientSampleId :

Tgt Ion: 43 Resp: 37352

Ion Ratio Lower Upper

43 100

72 23.8 13.0 39.0



#23

Bromochloromethane

Concen: 23.933 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Tgt Ion: 128 Resp: 26358

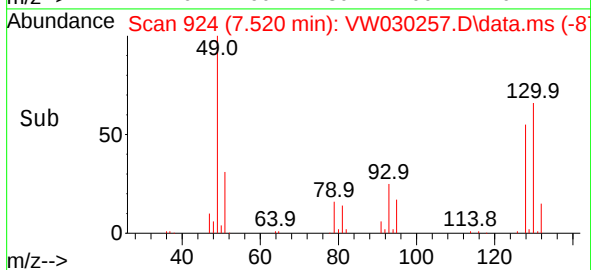
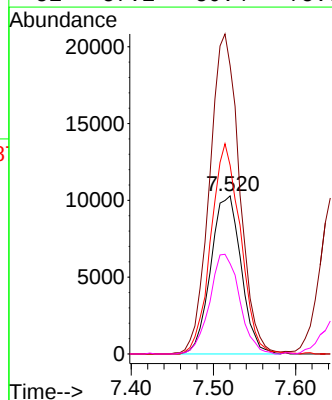
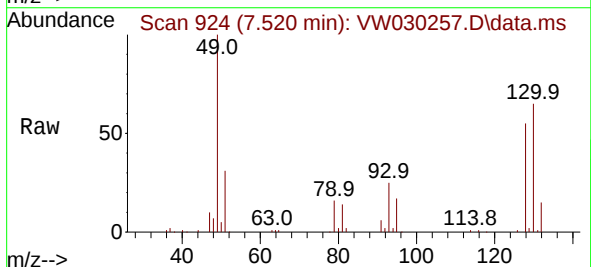
Ion Ratio Lower Upper

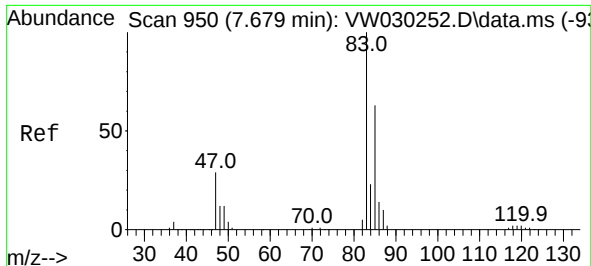
128 100

49 182.4 139.9 259.7

130 119.4 87.2 161.9

51 57.1 50.4 75.6





#25

Chloroform

Concen: 25.271 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Instrument :

MSVOA_W

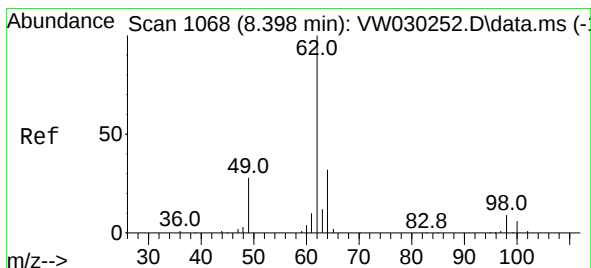
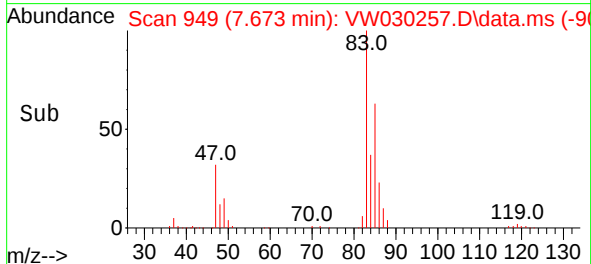
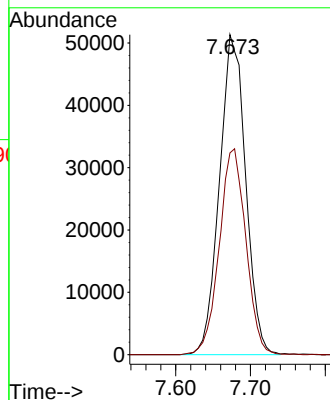
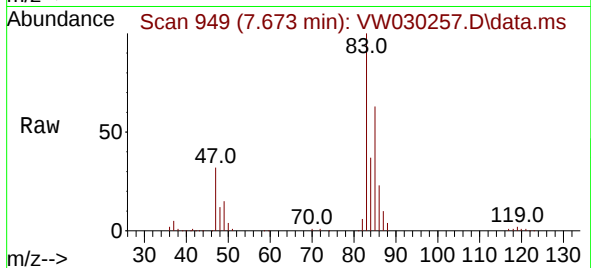
ClientSampleId :

Tgt Ion: 83 Resp: 124977

Ion Ratio Lower Upper

83 100

85 63.1 43.8 81.4



#27

1,2-Dichloroethane

Concen: 23.011 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030257.D

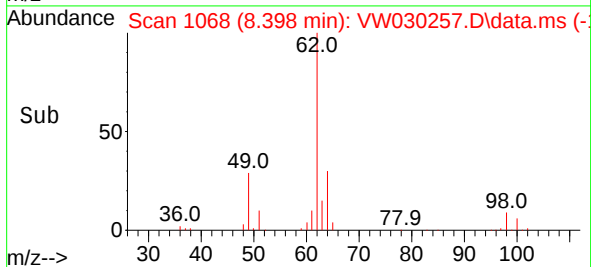
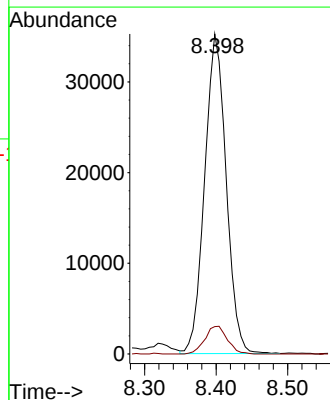
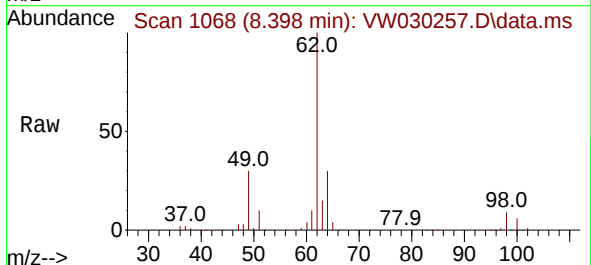
Acq: 26 Sep 2024 13:54

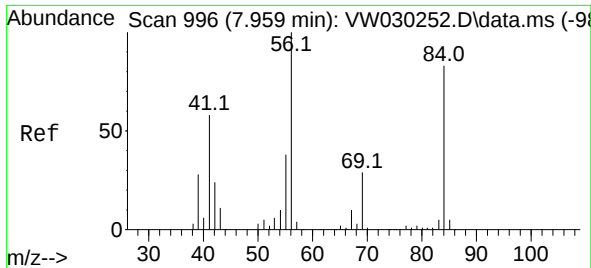
Tgt Ion: 62 Resp: 73691

Ion Ratio Lower Upper

62 100

98 8.5 7.4 11.0





#29

Cyclohexane

Concen: 28.474 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Instrument :

MSVOA_W

ClientSampleId :

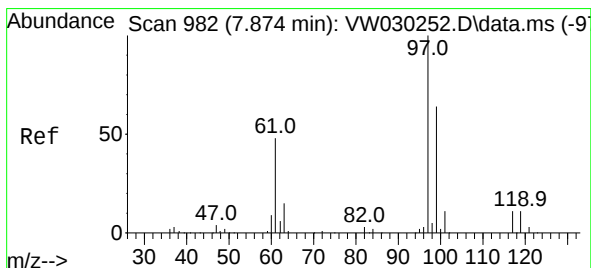
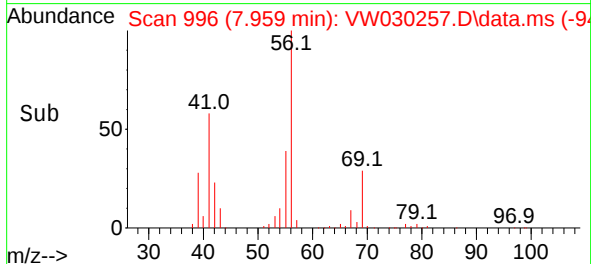
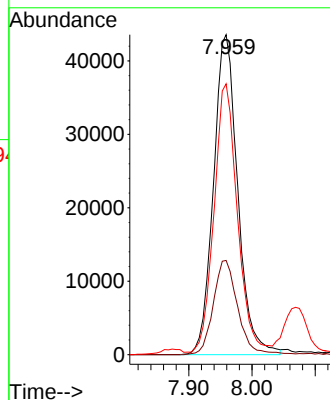
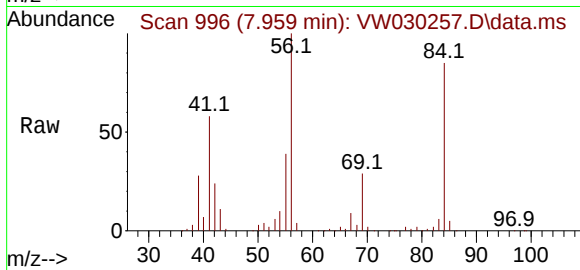
Tgt Ion: 56 Resp: 115999

Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.0

84 82.2 65.2 97.8



#30

1,1,1-Trichloroethane

Concen: 26.598 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

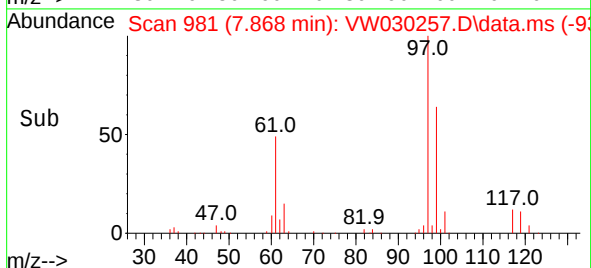
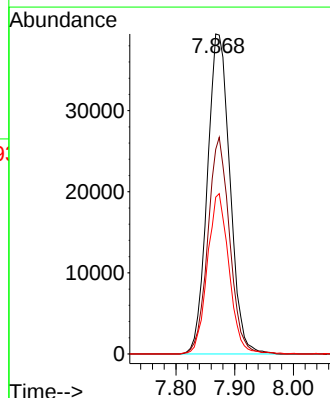
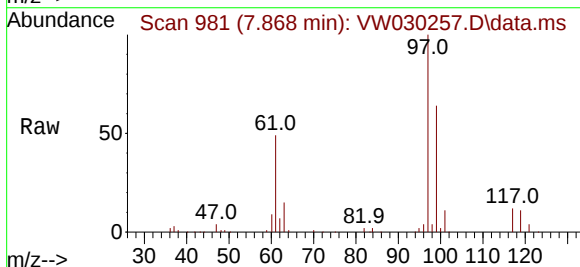
Tgt Ion: 97 Resp: 105414

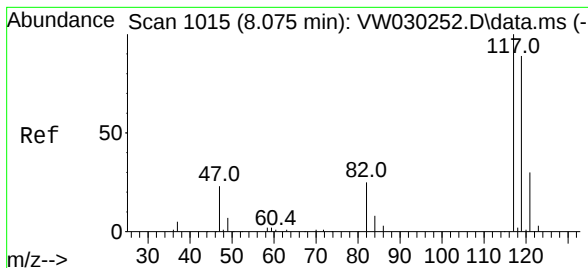
Ion Ratio Lower Upper

97 100

99 65.0 50.8 76.2

61 47.9 38.8 58.2





#31

Carbon tetrachloride

Concen: 26.946 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Instrument :

MSVOA_W

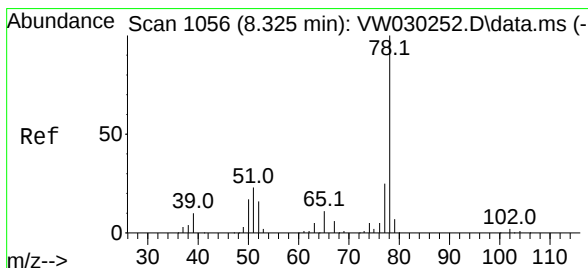
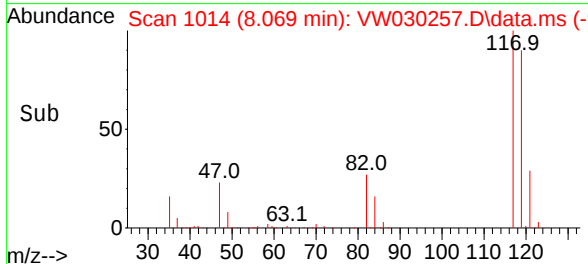
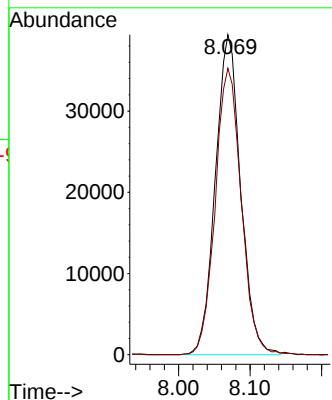
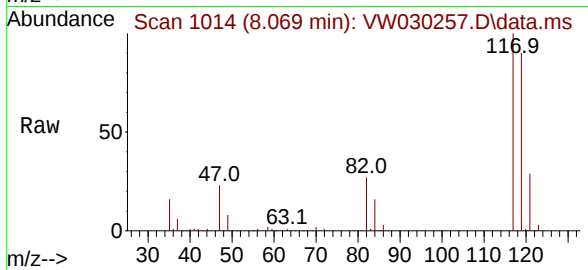
ClientSampleId :

Tgt Ion:117 Resp: 96753

Ion Ratio Lower Upper

117 100

119 92.0 73.8 110.6



#33

Benzene

Concen: 26.108 ug/L

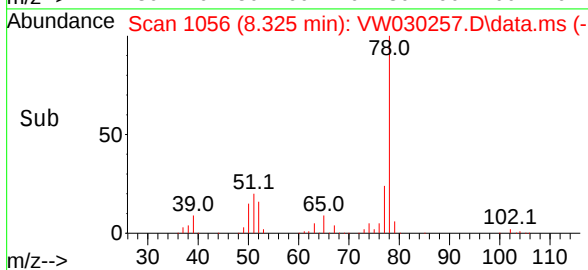
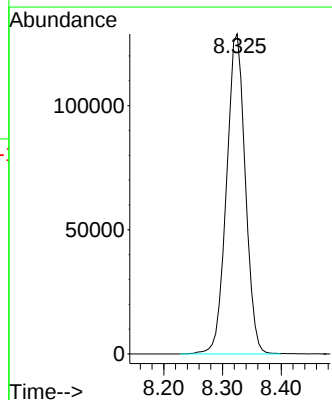
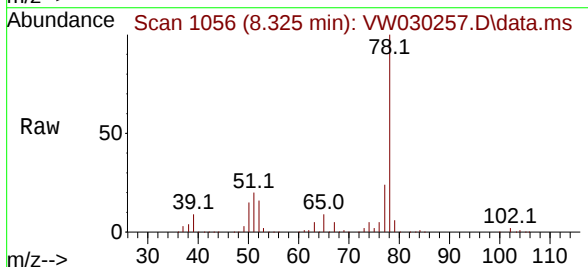
RT: 8.325 min Scan# 1056

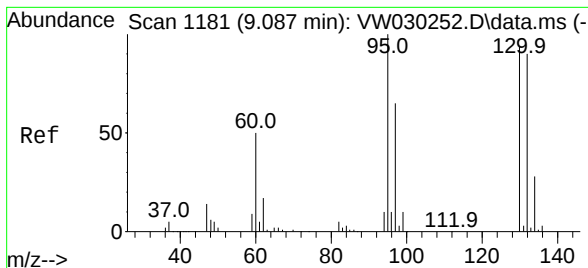
Delta R.T. -0.000 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Tgt Ion: 78 Resp: 286430





#34

Trichloroethene

Concen: 26.330 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 74932

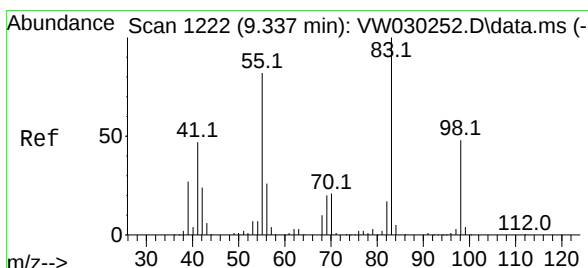
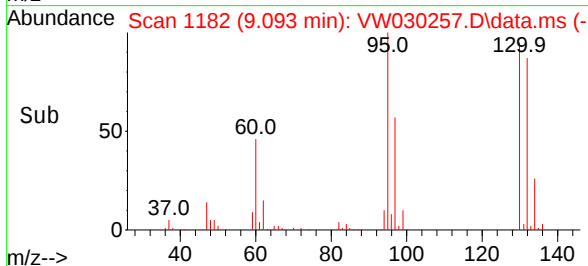
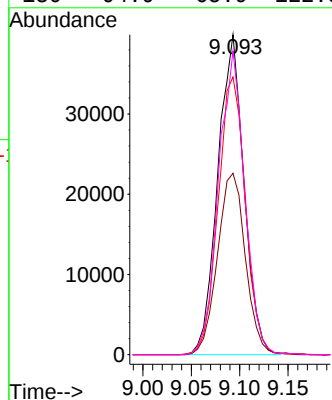
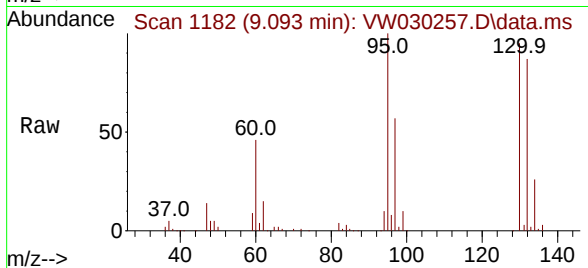
Ion Ratio Lower Upper

95 100

97 56.7 45.6 84.8

132 86.8 63.0 117.0

130 94.9 65.9 122.5



#35

Methylcyclohexane

Concen: 28.567 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

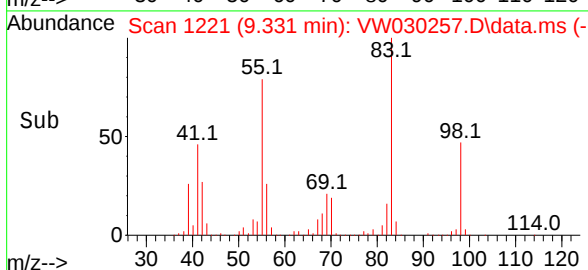
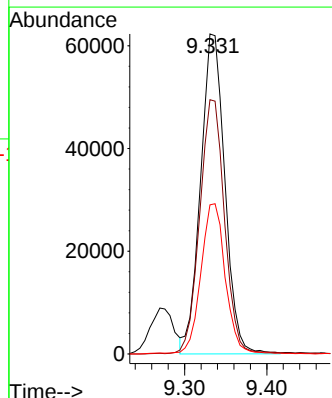
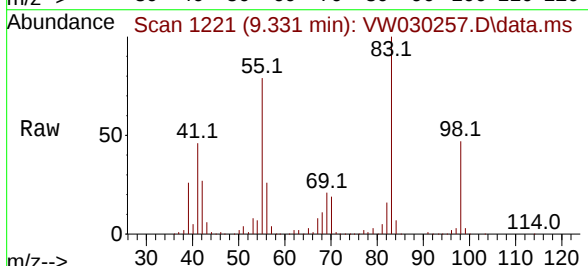
Tgt Ion: 83 Resp: 127847

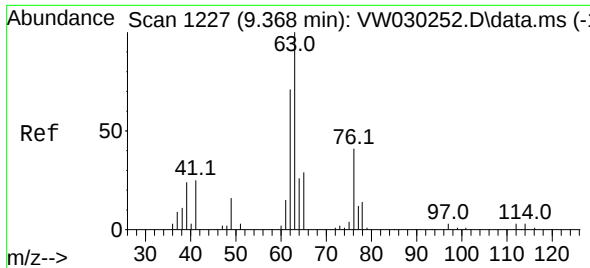
Ion Ratio Lower Upper

83 100

55 81.4 65.8 98.6

98 47.3 38.0 57.0





#37

1,2-Dichloropropane

Concen: 24.314 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Instrument :

MSVOA_W

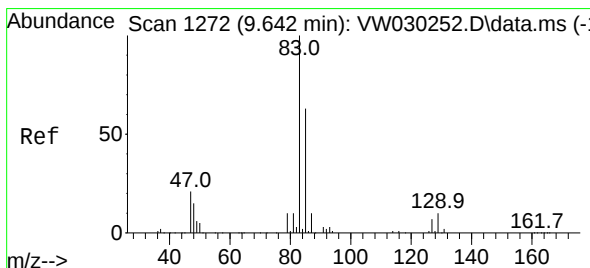
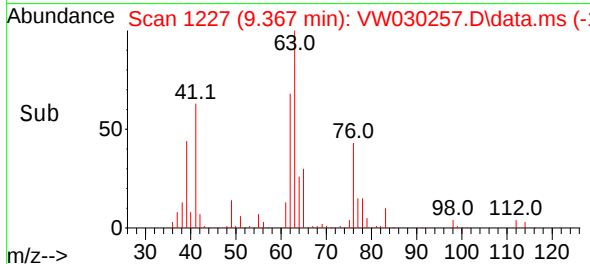
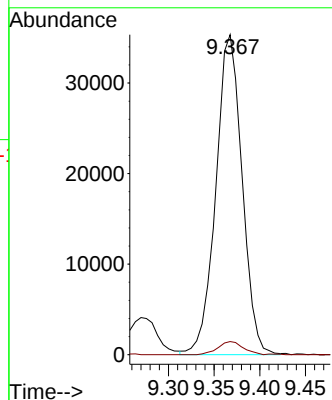
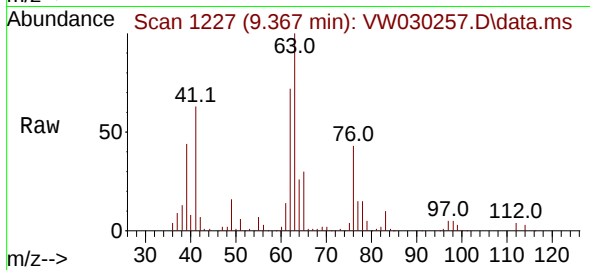
ClientSampleId :

Tgt Ion: 63 Resp: 70704

Ion Ratio Lower Upper

63 100

112 3.9 3.2 4.8



#38

Bromodichloromethane

Concen: 24.375 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

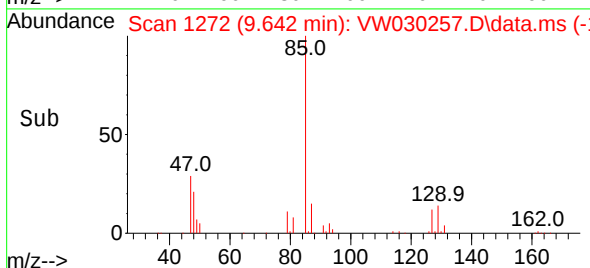
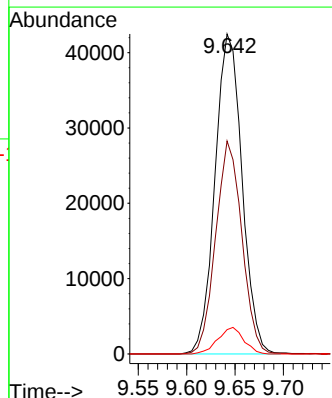
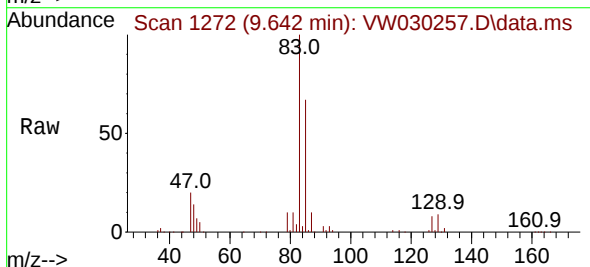
Tgt Ion: 83 Resp: 82552

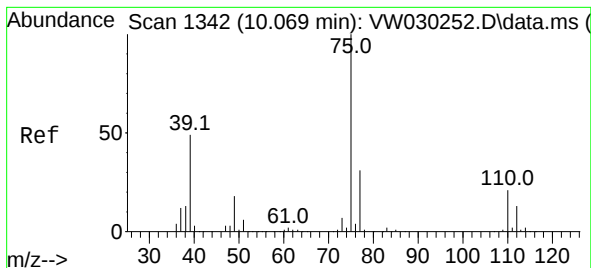
Ion Ratio Lower Upper

83 100

85 66.6 44.1 81.9

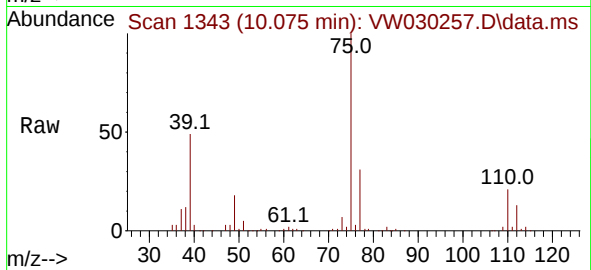
127 7.6 5.8 8.8



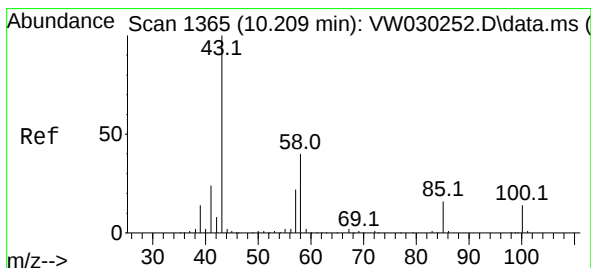
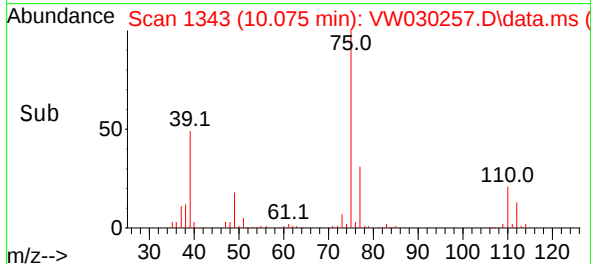
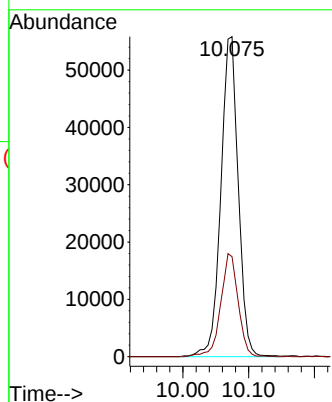


#39
cis-1,3-Dichloropropene
Concen: 24.903 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW030257.D
Acq: 26 Sep 2024 13:54

Instrument :
MSVOA_W
ClientSampleId :

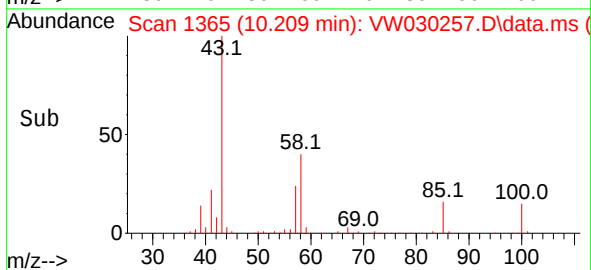
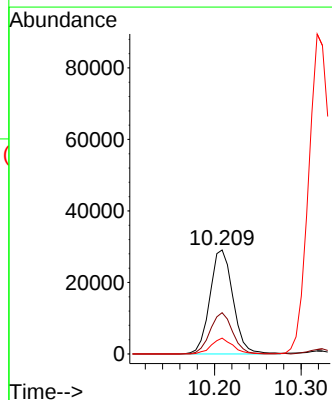
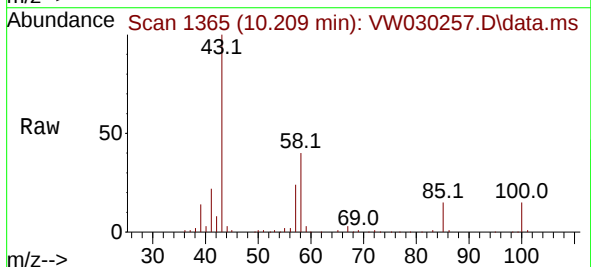


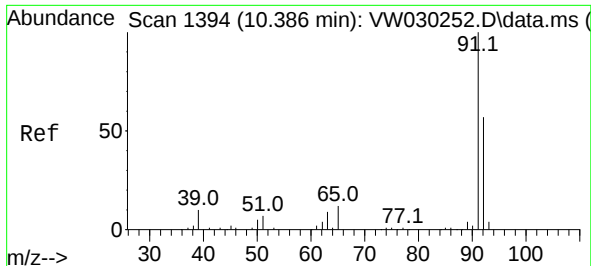
Tgt Ion: 75 Resp: 102834
Ion Ratio Lower Upper
75 100
77 31.3 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 37.616 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW030257.D
Acq: 26 Sep 2024 13:54

Tgt Ion: 43 Resp: 53959
Ion Ratio Lower Upper
43 100
58 39.1 30.3 45.5
100 14.1 11.0 16.4

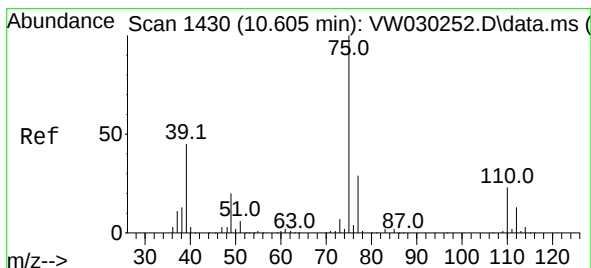
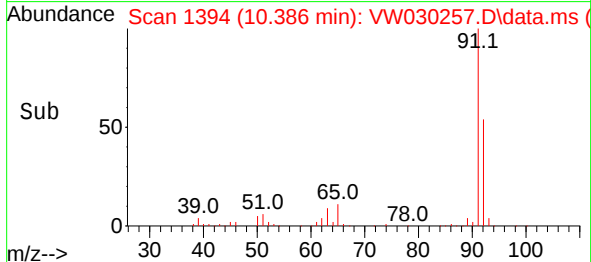
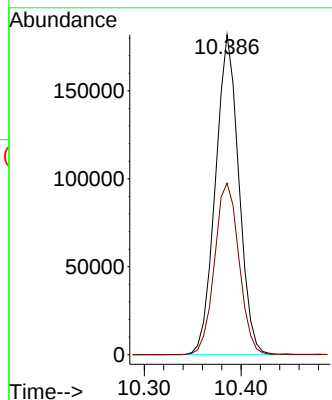
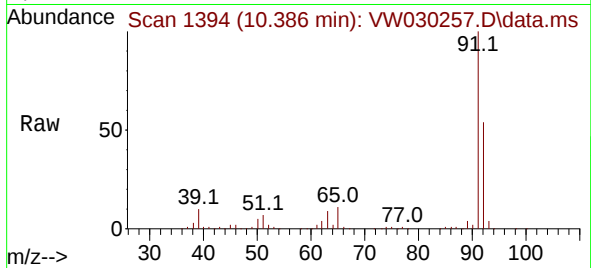




#42
Toluene
Concen: 26.948 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW030257.D
Acq: 26 Sep 2024 13:54

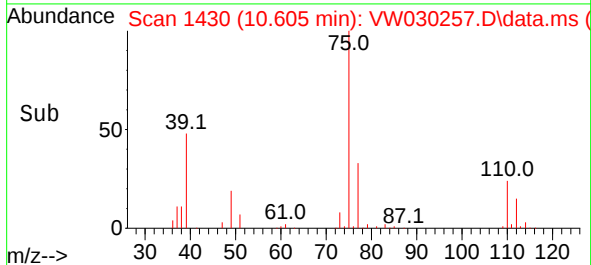
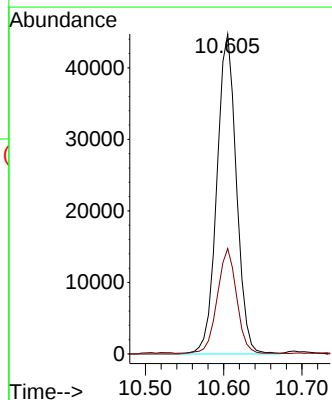
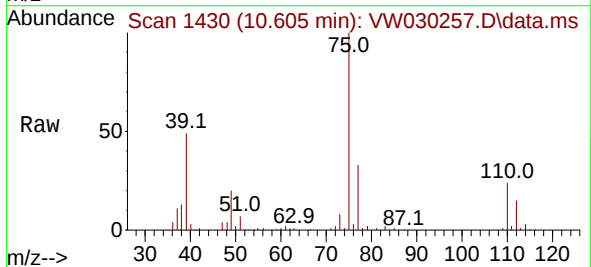
Instrument :
MSVOA_W
ClientSampleId :

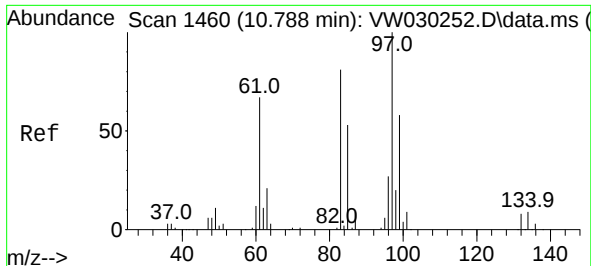
Tgt Ion: 91 Resp: 305123
Ion Ratio Lower Upper
91 100
92 53.6 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 23.148 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW030257.D
Acq: 26 Sep 2024 13:54

Tgt Ion: 75 Resp: 77665
Ion Ratio Lower Upper
75 100
77 32.9 20.7 38.5





#45

1,1,2-Trichloroethane

Concen: 22.259 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 41236

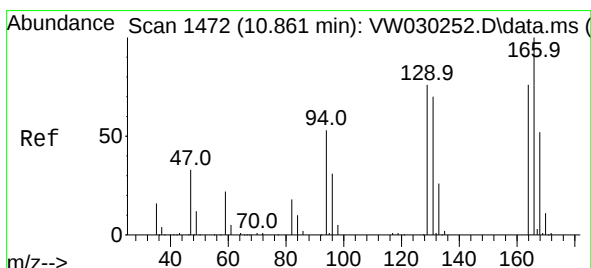
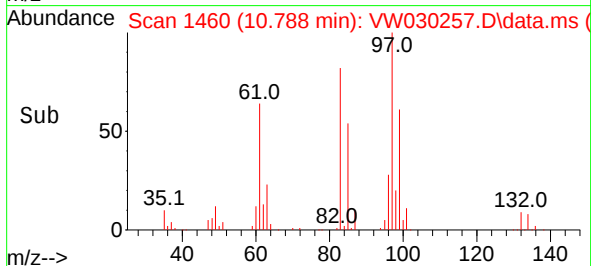
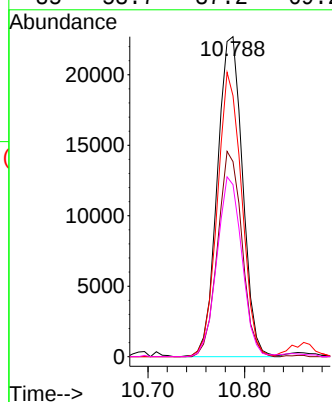
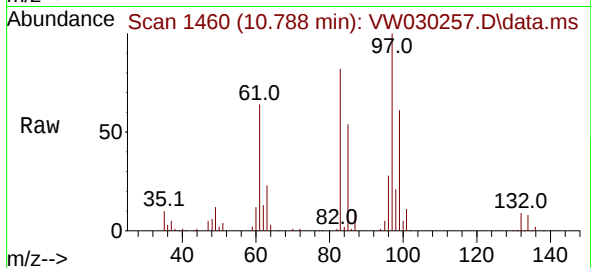
Ion Ratio Lower Upper

97 100

99 61.0 40.4 75.0

83 81.5 56.7 105.3

85 53.7 37.2 69.2



#46

Tetrachloroethene

Concen: 26.232 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Tgt Ion:164 Resp: 52207

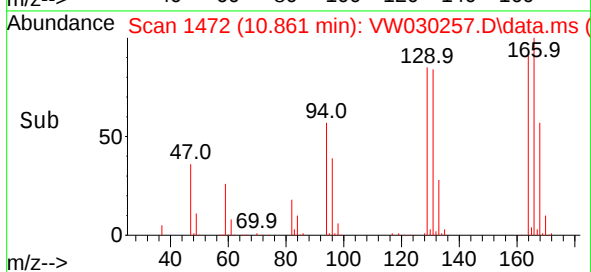
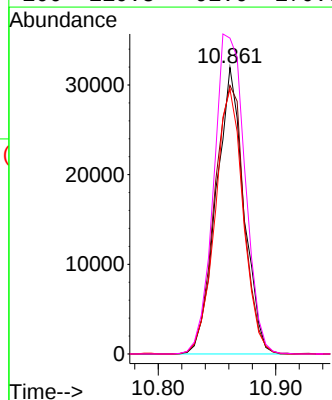
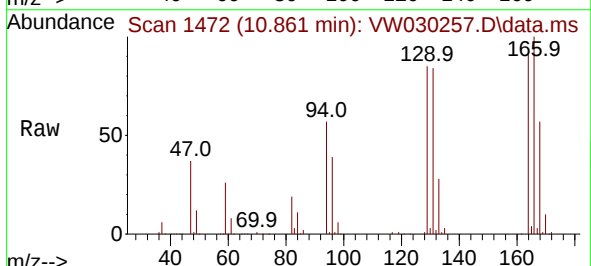
Ion Ratio Lower Upper

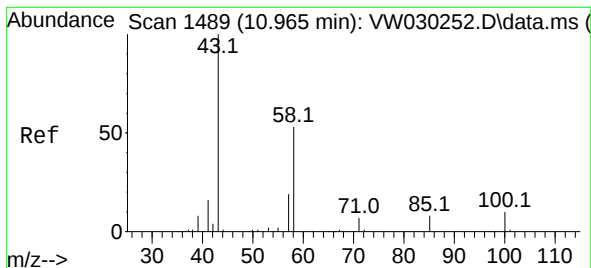
164 100

129 93.7 69.9 129.9

131 92.4 63.8 118.6

166 110.3 91.6 170.0





#48

2-Hexanone

Concen: 41.520 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 50087

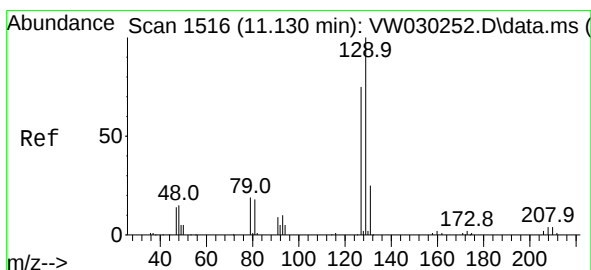
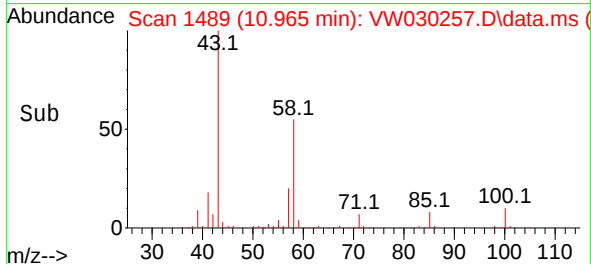
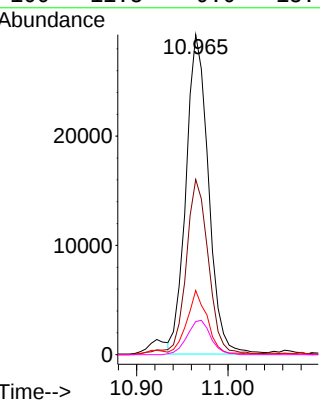
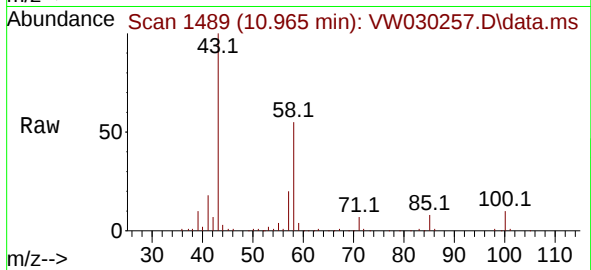
Ion Ratio Lower Upper

43 100

58 53.8 43.3 64.9

57 18.3 15.4 23.0

100 11.3 9.0 13.4



#49

Dibromochloromethane

Concen: 22.409 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW030257.D

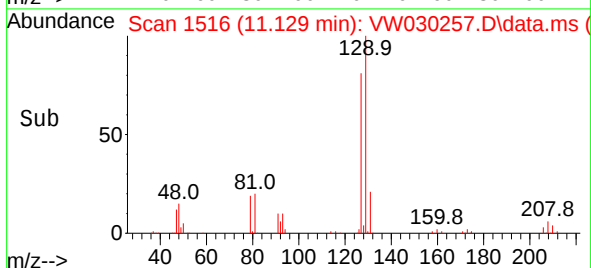
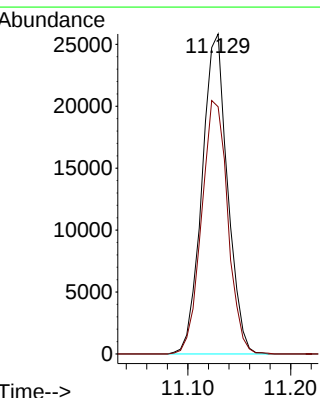
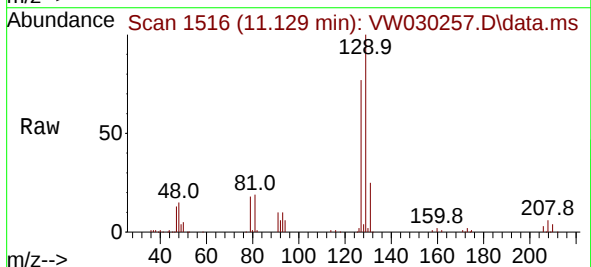
Acq: 26 Sep 2024 13:54

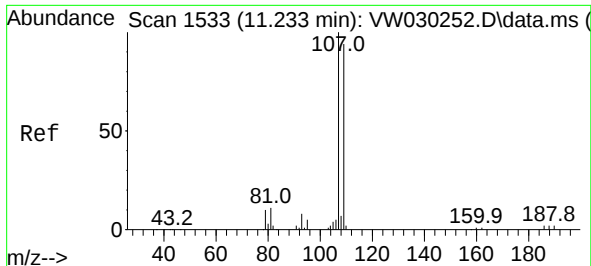
Tgt Ion:129 Resp: 44555

Ion Ratio Lower Upper

129 100

127 77.2 52.2 97.0





#50

1,2-Dibromoethane

Concen: 21.374 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

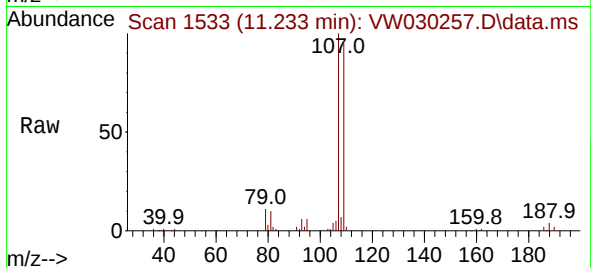
Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

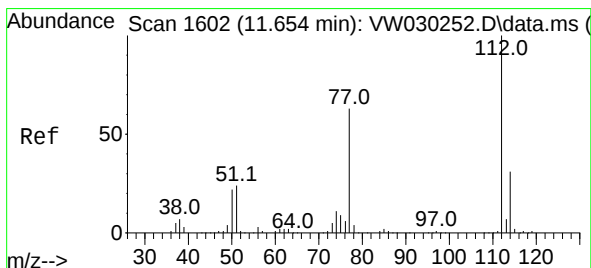
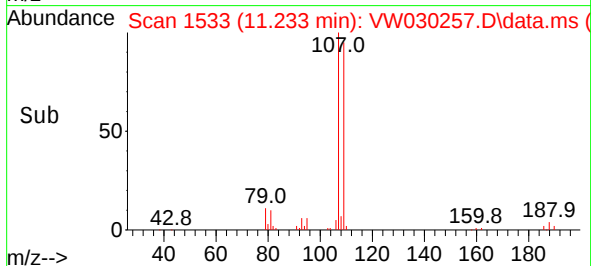
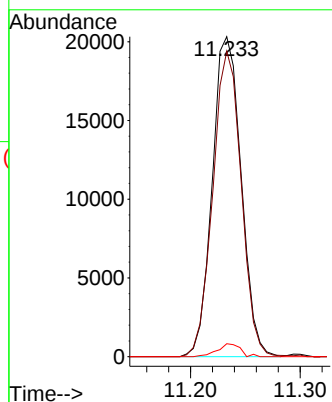
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	37207
Ion Ratio	Lower	Upper	
107	100		
109	95.5	65.9	122.5
188	4.0	1.9	2.9#



#51

Chlorobenzene

Concen: 25.333 ug/L

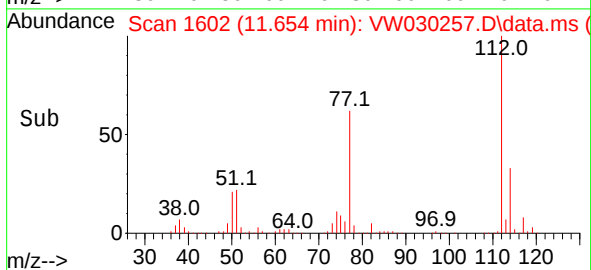
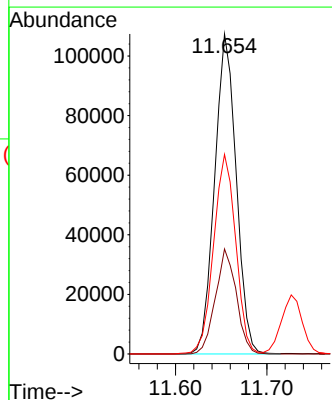
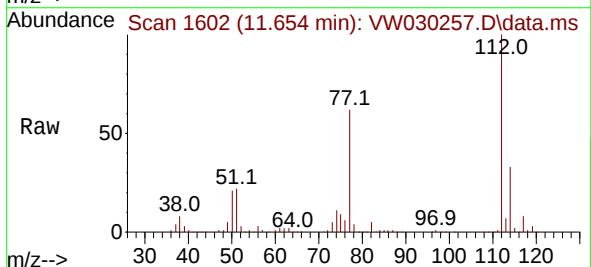
RT: 11.654 min Scan# 1602

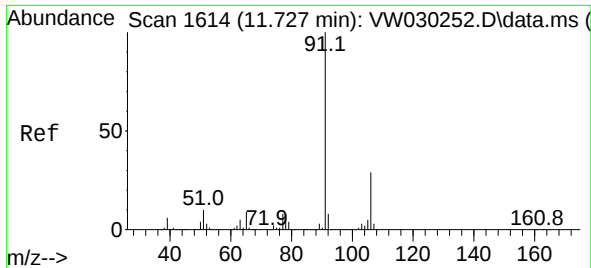
Delta R.T. -0.000 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Tgt Ion:	112	Resp:	176365
Ion Ratio	Lower	Upper	
112	100		
114	32.8	21.5	39.9
77	62.4	50.6	75.8





#52

Ethylbenzene

Concen: 26.652 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Instrument :

MSVOA_W

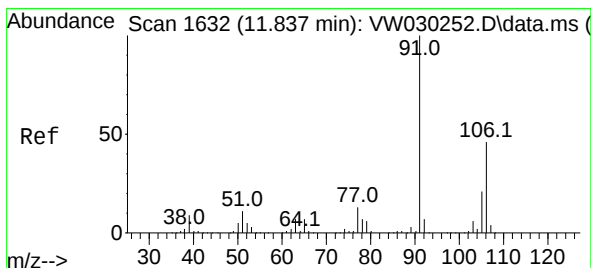
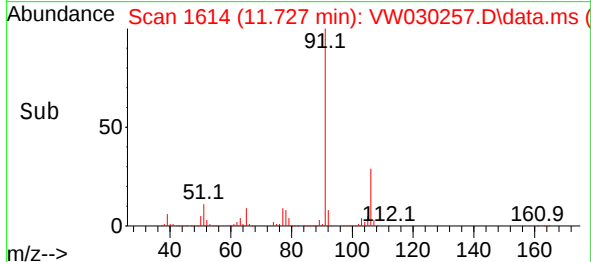
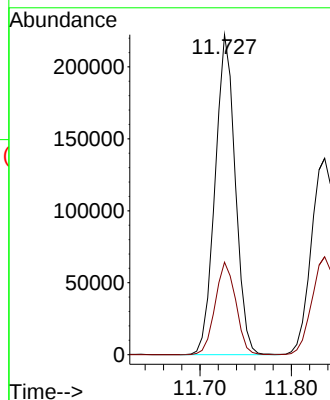
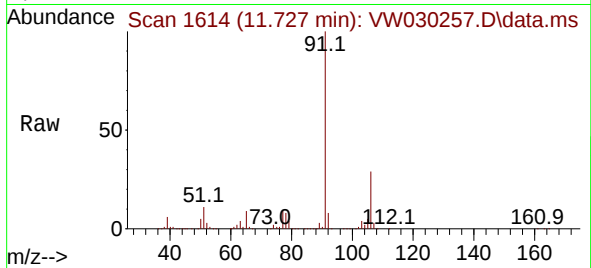
ClientSampleId :

Tgt Ion: 91 Resp: 341067

Ion Ratio Lower Upper

91 100

106 28.9 20.4 38.0



#53

m,p-Xylene

Concen: 27.534 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030257.D

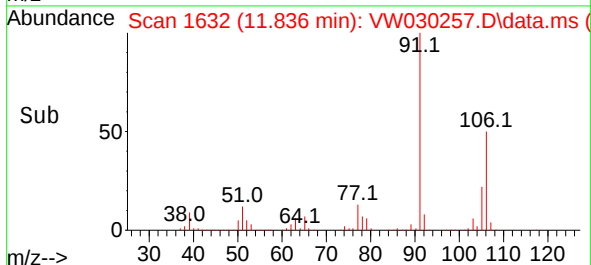
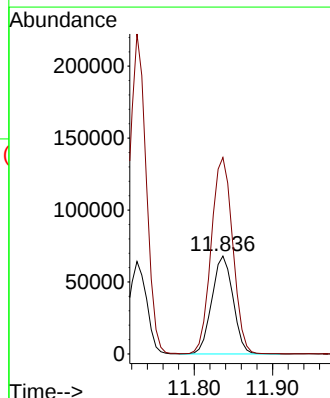
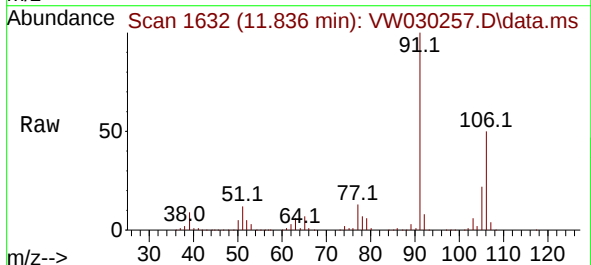
Acq: 26 Sep 2024 13:54

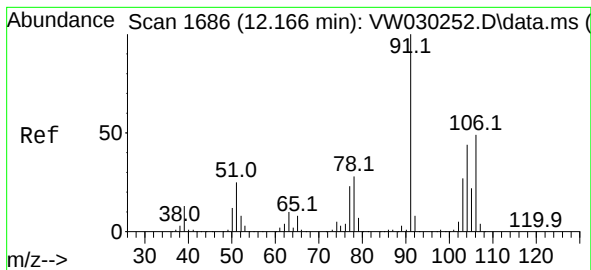
Tgt Ion:106 Resp: 127682

Ion Ratio Lower Upper

106 100

91 200.8 151.1 280.5





#54

o-Xylene

Concen: 25.861 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Instrument :

MSVOA_W

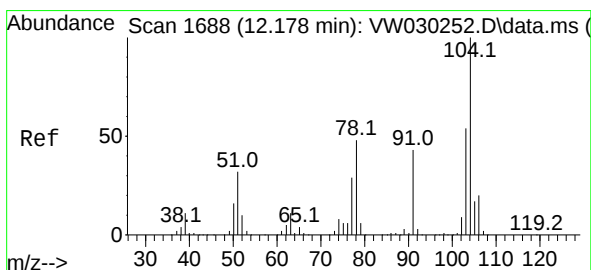
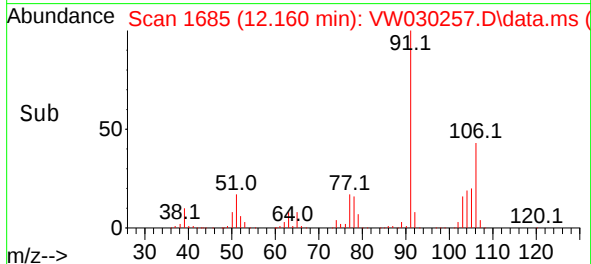
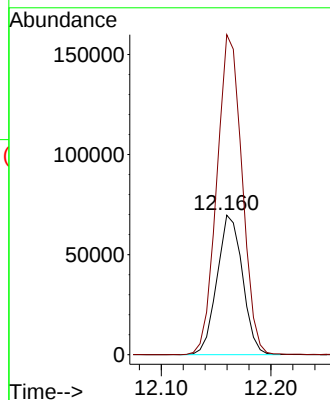
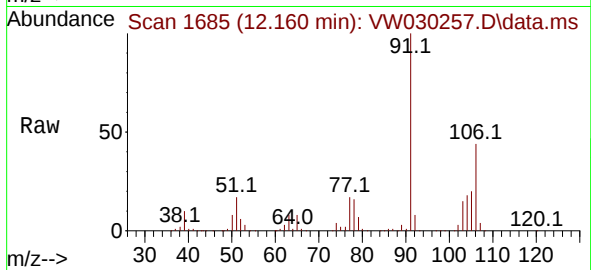
ClientSampleId :

Tgt Ion:106 Resp: 112641

Ion Ratio Lower Upper

106 100

91 229.4 143.1 265.9



#55

Styrene

Concen: 26.511 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW030257.D

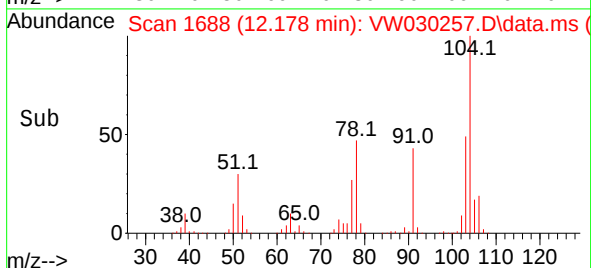
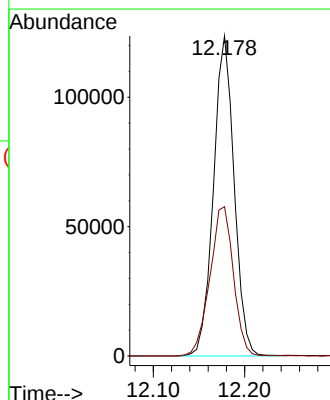
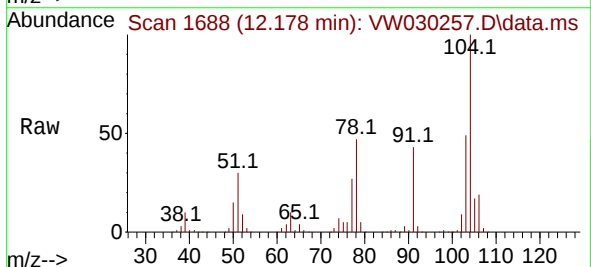
Acq: 26 Sep 2024 13:54

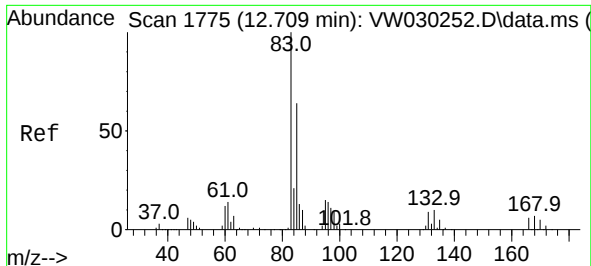
Tgt Ion:104 Resp: 194395

Ion Ratio Lower Upper

104 100

78 46.6 33.6 62.4





#57

1,1,2,2-Tetrachloroethane

Concen: 19.919 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Instrument :

MSVOA_W

ClientSampleId :

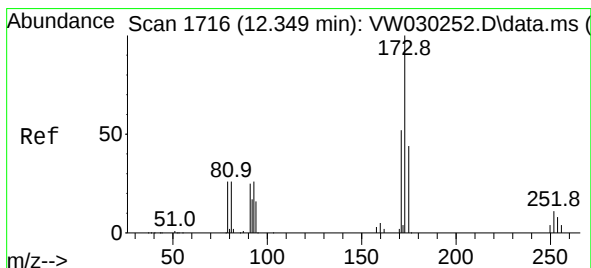
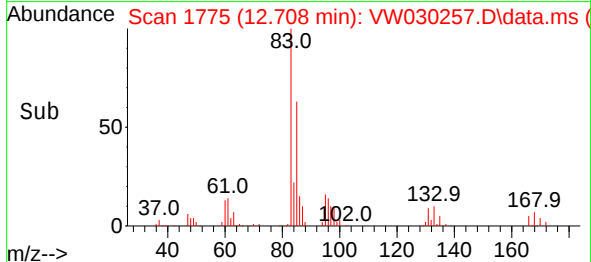
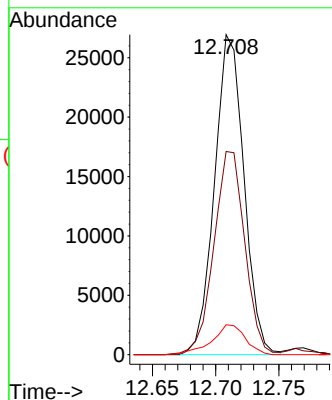
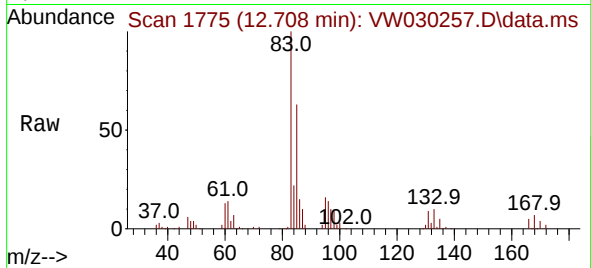
Tgt Ion: 83 Resp: 43672

Ion Ratio Lower Upper

83 100

85 63.5 44.9 83.5

131 9.3 7.3 10.9



#59

Bromoform

Concen: 22.216 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

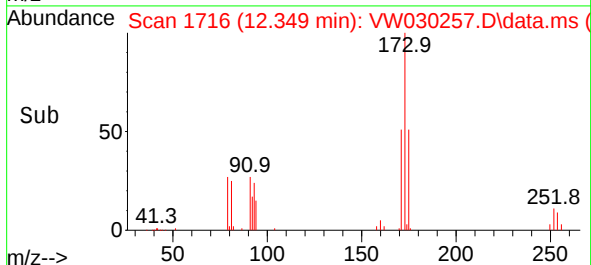
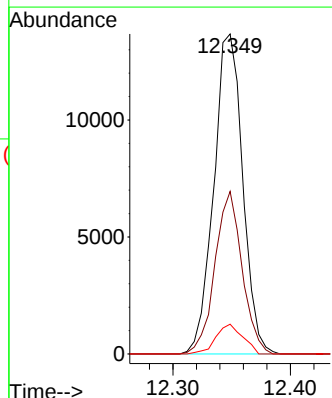
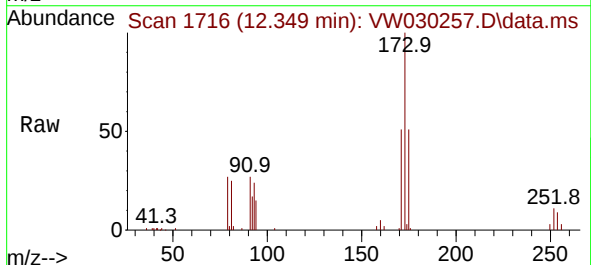
Tgt Ion:173 Resp: 23369

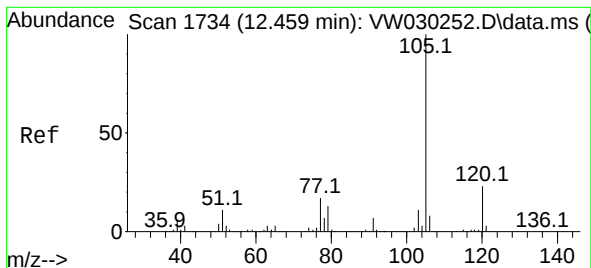
Ion Ratio Lower Upper

173 100

175 47.7 37.8 56.8

254 8.6 7.4 11.2





#60

Isopropylbenzene

Concen: 28.460 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Instrument :

MSVOA_W

ClientSampleId :

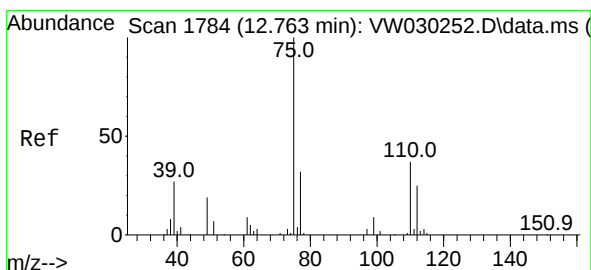
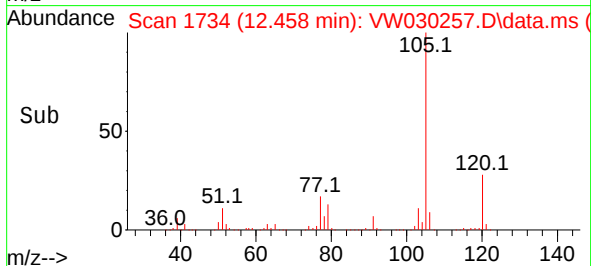
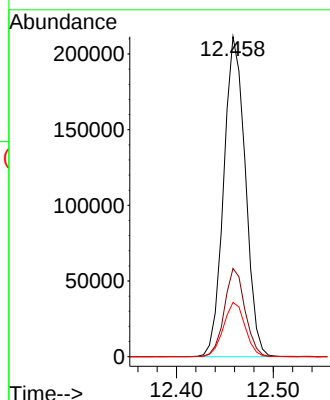
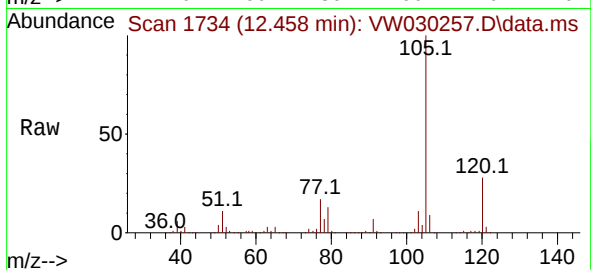
Tgt Ion:105 Resp: 328467

Ion Ratio Lower Upper

105 100

120 26.3 20.5 30.7

77 17.0 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 20.541 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

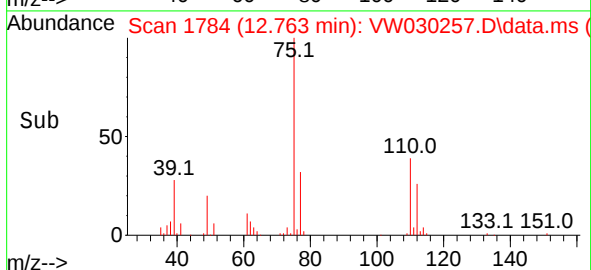
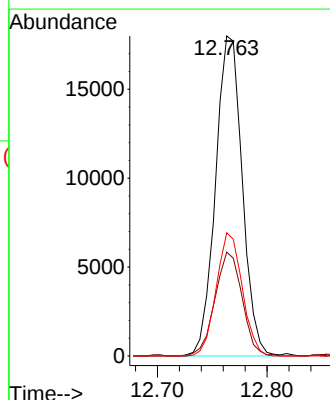
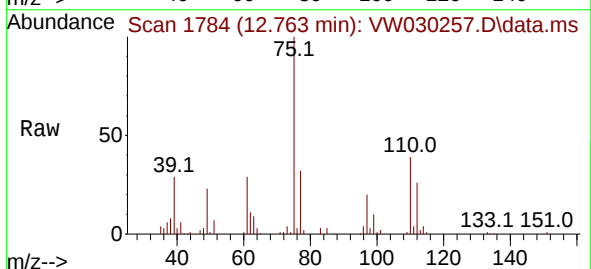
Tgt Ion: 75 Resp: 30504

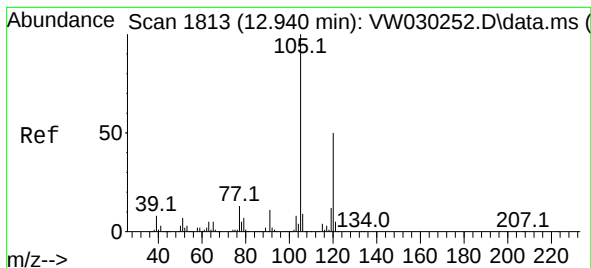
Ion Ratio Lower Upper

75 100

77 32.9 26.6 39.8

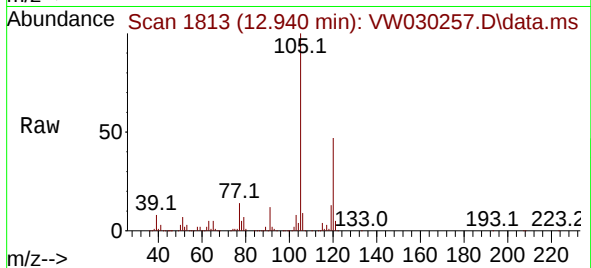
110 37.4 30.3 45.5



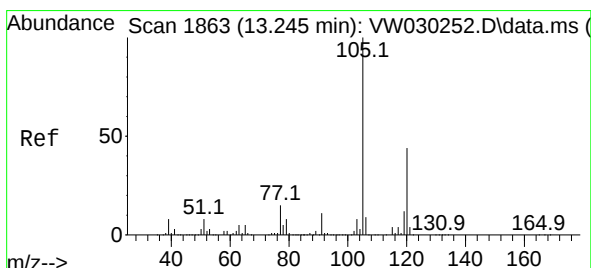
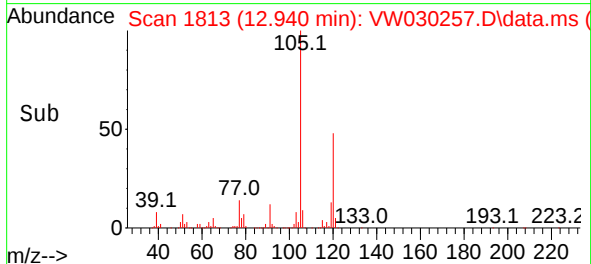
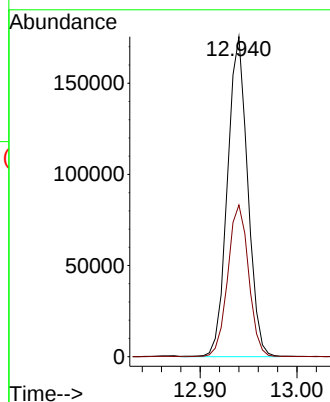


#62
1,3,5-Trimethylbenzene
Concen: 28.418 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030257.D
Acq: 26 Sep 2024 13:54

Instrument :
MSVOA_W
ClientSampleId :

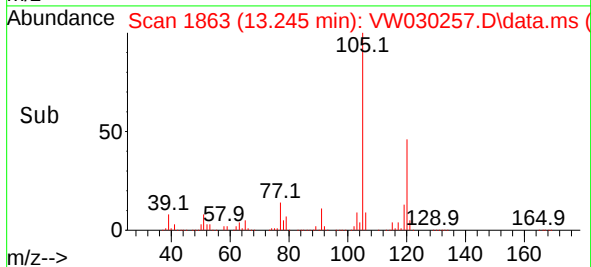
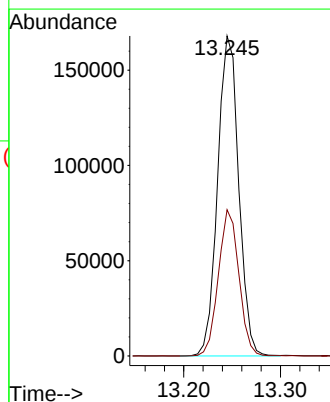
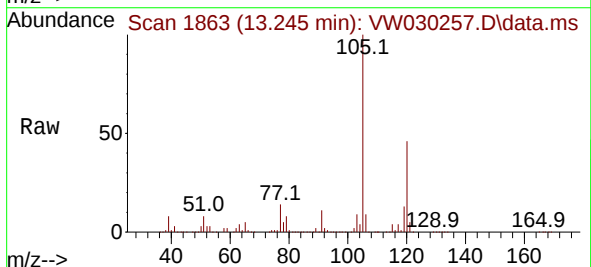


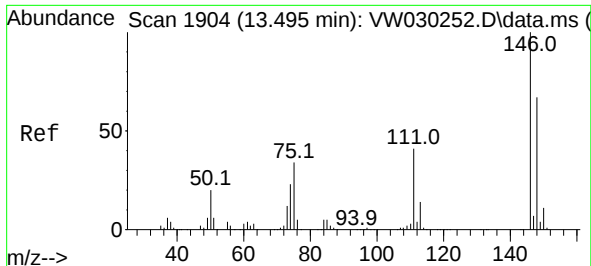
Tgt Ion:105 Resp: 255270
Ion Ratio Lower Upper
105 100
120 48.7 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 28.850 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030257.D
Acq: 26 Sep 2024 13:54

Tgt Ion:105 Resp: 254145
Ion Ratio Lower Upper
105 100
120 44.4 35.5 53.3





#64

1,3-Dichlorobenzene

Concen: 25.466 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

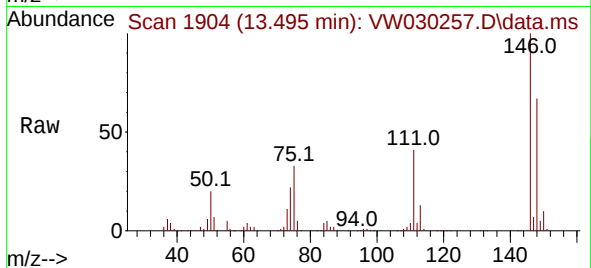
Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Instrument :

MSVOA_W

ClientSampleId :



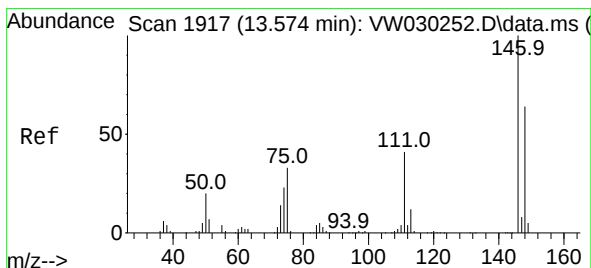
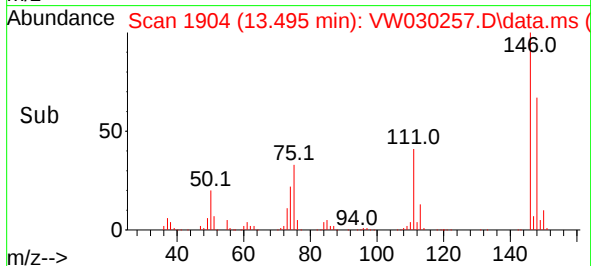
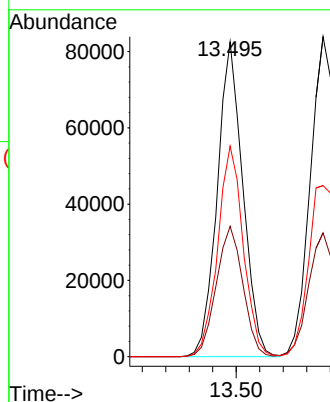
Tgt Ion:146 Resp: 125020

Ion Ratio Lower Upper

146 100

111 41.4 29.0 53.8

148 66.9 46.6 86.6



#65

1,4-Dichlorobenzene

Concen: 26.288 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

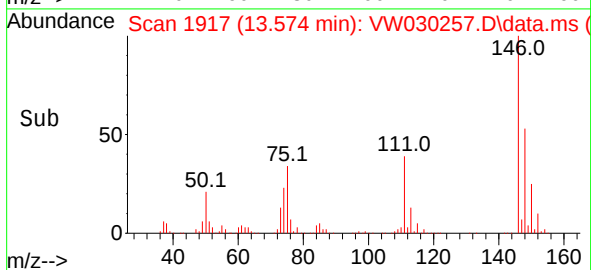
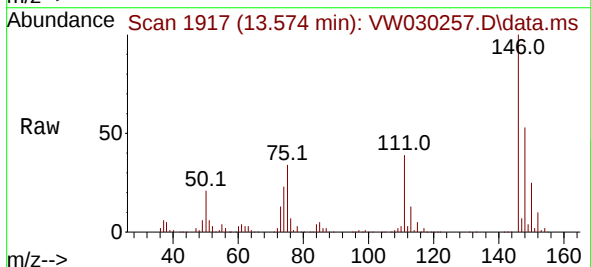
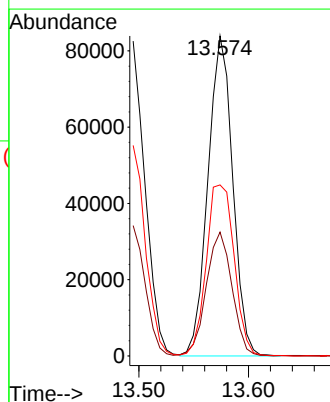
Tgt Ion:146 Resp: 132056

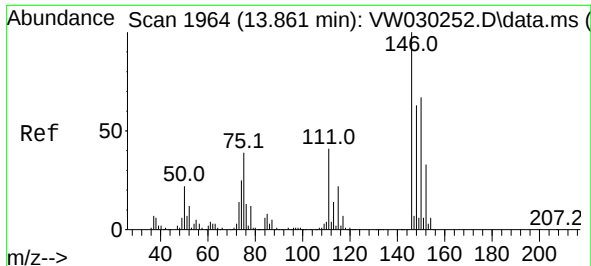
Ion Ratio Lower Upper

146 100

111 38.7 29.0 53.8

148 53.4 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 26.724 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

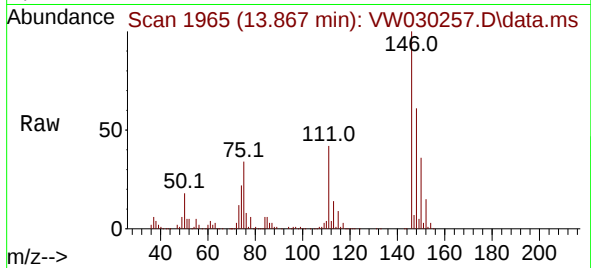
Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Instrument :

MSVOA_W

ClientSampleId :



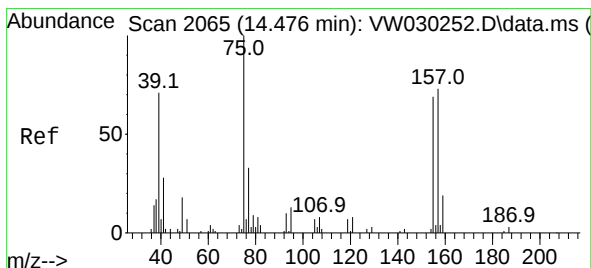
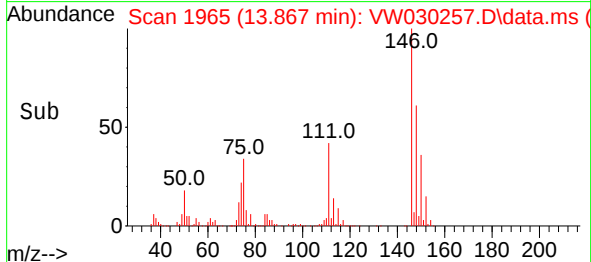
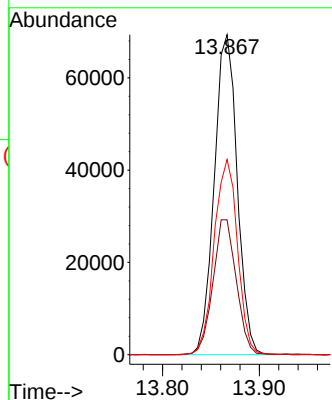
Tgt Ion:146 Resp: 114294

Ion Ratio Lower Upper

146 100

111 42.1 32.9 49.3

148 61.0 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 19.050 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

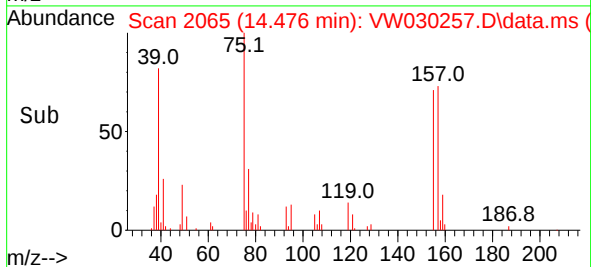
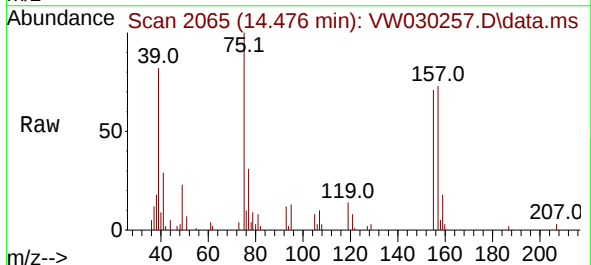
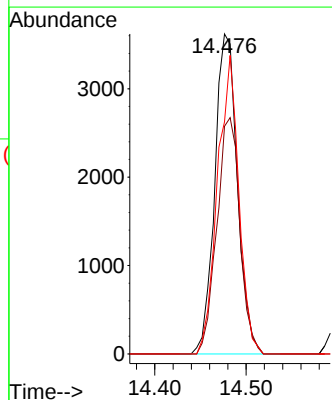
Tgt Ion: 75 Resp: 6229

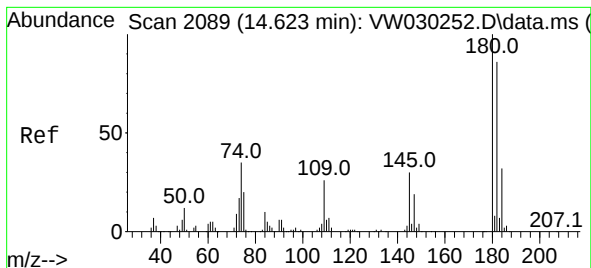
Ion Ratio Lower Upper

75 100

155 71.2 55.4 83.2

157 72.6 58.3 87.5





#69

1,3,5-Trichlorobenzene

Concen: 26.543 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

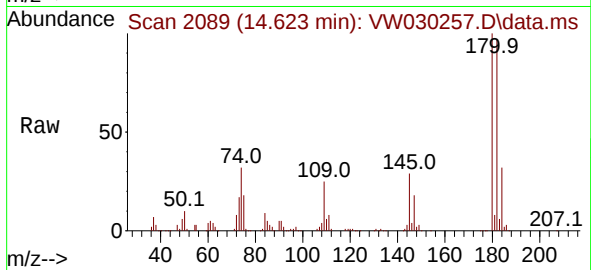
Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 85104

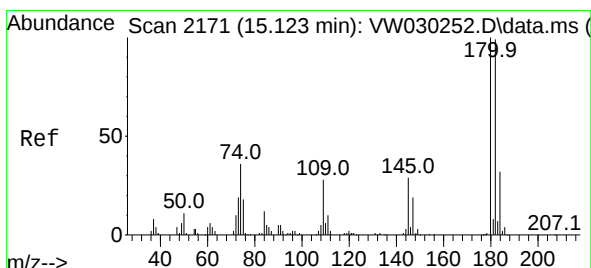
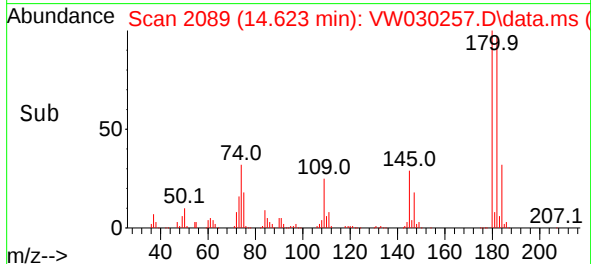
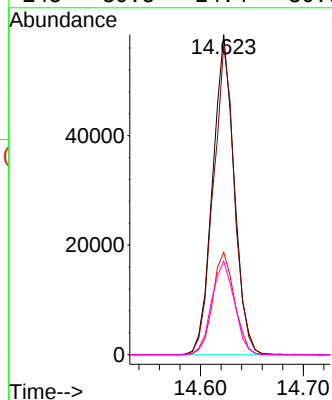
Ion Ratio Lower Upper

180 100

182 95.1 71.8 107.8

184 32.2 23.7 35.5

145 30.8 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 25.448 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

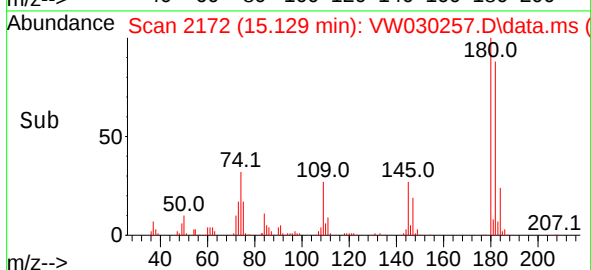
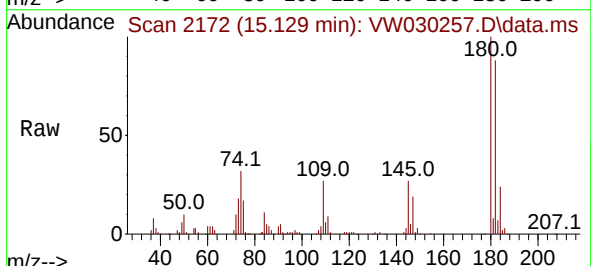
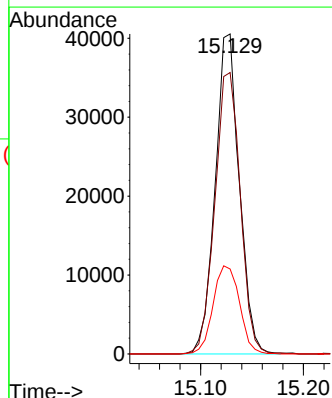
Tgt Ion:180 Resp: 66073

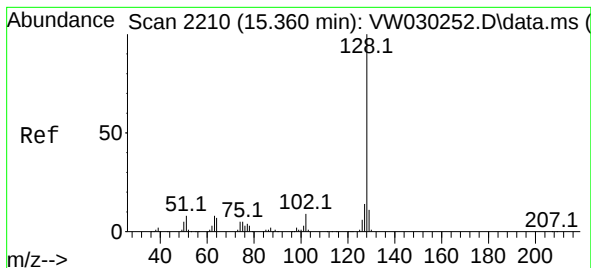
Ion Ratio Lower Upper

180 100

182 92.6 74.6 112.0

145 30.2 24.2 36.2





#71

Naphthalene

Concen: 22.063 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min MSVOA_W

Lab File: VW030257.D

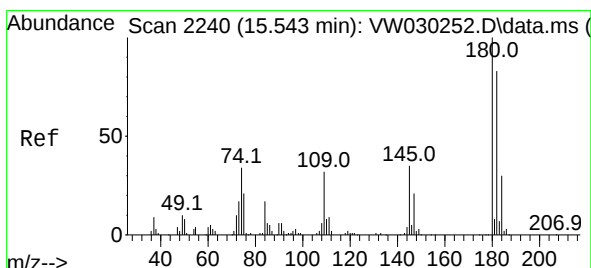
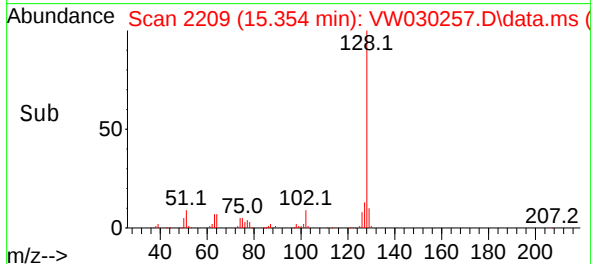
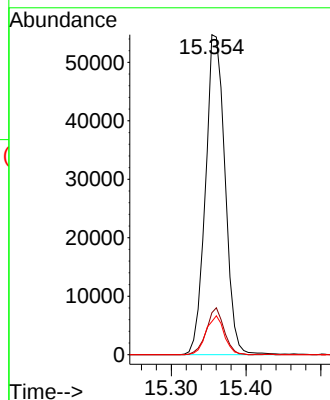
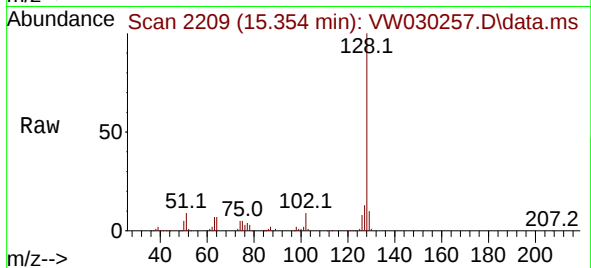
Acq: 26 Sep 2024 13:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	99430
Ion Ratio	Lower	Upper
128	100	
127	13.2	11.0 16.6
129	11.3	9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 24.320 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW030257.D

Acq: 26 Sep 2024 13:54

Tgt Ion:180	Resp:	55066
Ion Ratio	Lower	Upper
180	100	
182	93.8	73.4 110.2
145	32.6	27.5 41.3

