

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052024\
 Data File : VW028654.D
 Acq On : 20 May 2024 15:30
 Operator : SY/MD
 Sample : VSTD025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 21 01:29:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 21 01:28:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	272306	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	257021	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	126808	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	88814	17.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.720%
7) Chloroethane-d5	2.899	69	78089	19.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.880%
11) 1,1-Dichloroethene-d2	4.021	65	40282	18.646	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.600%
21) 2-Butanone-d5	7.075	46	57720	42.785	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.580%
24) Chloroform-d	7.648	84	199543	23.452	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	8.307	65	112227	23.039	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.160%
32) Benzene-d6	8.276	84	369001	21.518	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.080%
36) 1,2-Dichloropropane-d6	9.270	67	116811	22.637	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.560%
41) Toluene-d8	10.324	98	323429	21.298	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	10.574	79	45145	21.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.000%
47) 2-Hexanone-d5	10.922	63	39619	44.517	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	97814	22.606	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	106473	22.030	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.120%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	82526	20.855	ug/L	96
3) Chloromethane	2.222	50	110573	22.555	ug/L	99
5) Vinyl chloride	2.375	62	127468	23.095	ug/L	99
6) Bromomethane	2.789	94	78539	24.599	ug/L	96
8) Chloroethane	2.936	64	79542	25.270	ug/L	100
9) Trichlorofluoromethane	3.265	101	95425	21.059	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	98296	23.528	ug/L	96
12) 1,1-Dichloroethene	4.045	96	88793	23.693	ug/L	88
13) Acetone	4.118	43	43440	35.396	ug/L	97
14) Carbon disulfide	4.393	76	283398	22.375	ug/L	99
15) Methyl Acetate	4.667	43	47557	22.273	ug/L	100
16) Methylene chloride	4.917	84	105367	25.019	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	96885	24.832	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	151139	26.249	ug/L	99
19) 1,1-Dichloroethane	6.215	63	200748	25.946	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	106164	25.999	ug/L	95
22) 2-Butanone	7.167	43	62682	39.792	ug/L	100
23) Bromochloromethane	7.514	128	46897	26.329	ug/L	98
25) Chloroform	7.679	83	201514	26.928	ug/L	96

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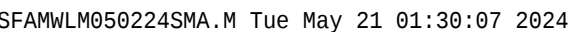
Instrument :
 MSVOA_W
 ClientSampleId :

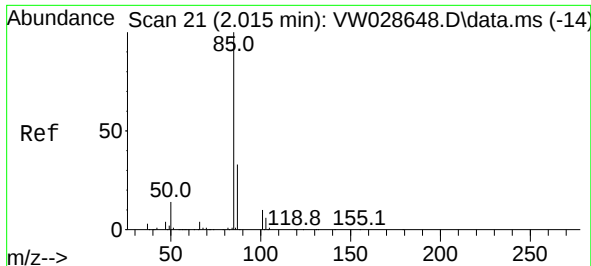
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 Quant Title : SFAM01.0
 QLast Update : Tue May 21 01:28:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	144910	26.639	ug/L	98
29) Cyclohexane	7.959	56	165347	22.563	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	156937	24.366	ug/L	99
31) Carbon tetrachloride	8.069	117	141097	24.027	ug/L	99
33) Benzene	8.325	78	428233	25.694	ug/L	100
34) Trichloroethene	9.093	95	108376	24.253	ug/L	95
35) Methylcyclohexane	9.337	83	183458	23.493	ug/L	99
37) 1,2-Dichloropropane	9.367	63	115346	26.560	ug/L	100
38) Bromodichloromethane	9.642	83	144764	27.345	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	171671	27.579	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	139075	47.052	ug/L	98
42) Toluene	10.385	91	453238	26.329	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	140147	26.703	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	79876	25.389	ug/L	96
46) Tetrachloroethene	10.861	164	81424	25.291	ug/L	96
48) 2-Hexanone	10.965	43	96372	46.183	ug/L	98
49) Dibromochloromethane	11.129	129	86543	27.425	ug/L	94
50) 1,2-Dibromoethane	11.233	107	75126	25.492	ug/L	98
51) Chlorobenzene	11.654	112	280280	26.322	ug/L	97
52) Ethylbenzene	11.727	91	512418	26.304	ug/L	95
53) m,p-Xylene	11.836	106	188103	26.342	ug/L	96
54) o-Xylene	12.160	106	183281	27.744	ug/L	100
55) Styrene	12.178	104	313167	27.977	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	95697	24.245	ug/L	98
59) Bromoform	12.349	173	47941	25.914	ug/L	100
60) Isopropylbenzene	12.458	105	504718	26.235	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	69080	22.541	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	367249	26.980	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	403185	27.491	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	214683	26.824	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	215713	26.363	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	193160	26.965	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	14979	20.905	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	133726	24.900	ug/L	96
70) 1,2,4-trichlorobenzene	15.122	180	114025	26.277	ug/L	98
71) Naphthalene	15.360	128	226869	24.539	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	99608	25.438	ug/L	98

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

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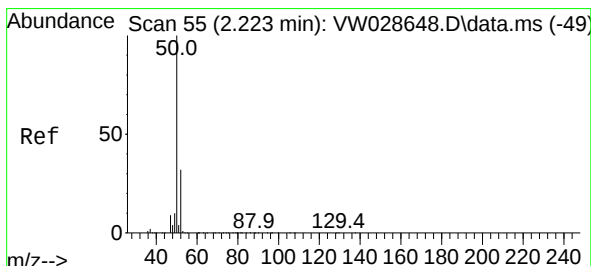
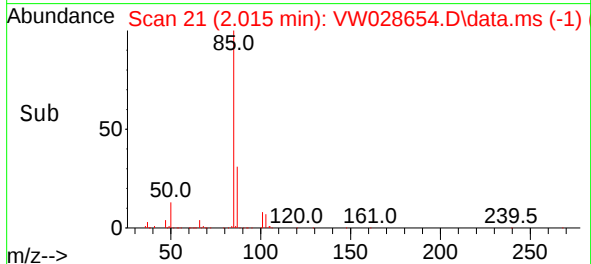
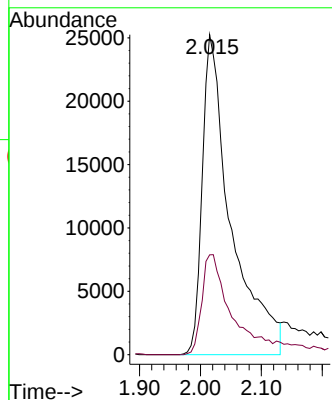
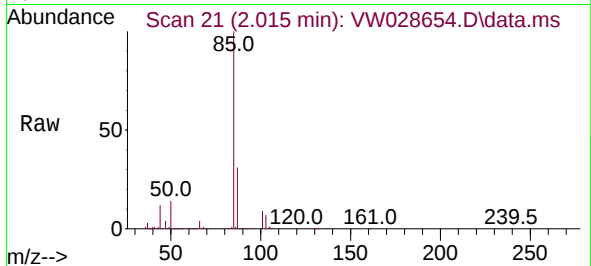




#2
 Dichlorodifluoromethane
 Concen: 20.855 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028654.D
 Acq: 20 May 2024 15:30

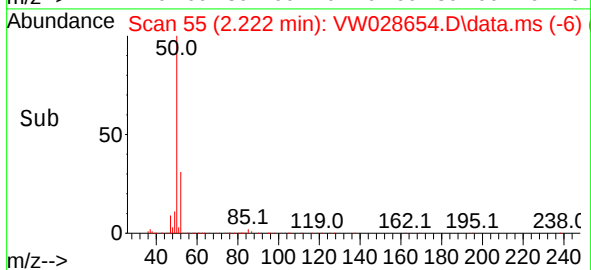
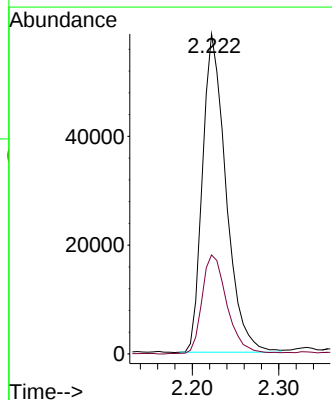
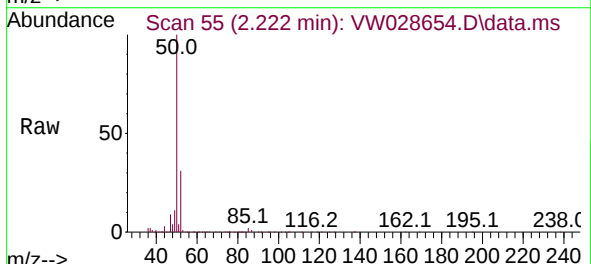
Instrument :
 MSVOA_W
 ClientSampleId :

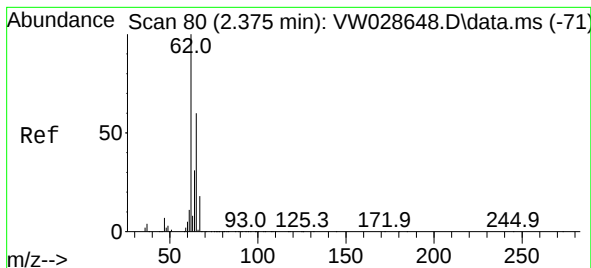
Tgt Ion: 85 Resp: 82526
 Ion Ratio Lower Upper
 85 100
 87 29.3 21.9 32.9



#3
 Chloromethane
 Concen: 22.555 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028654.D
 Acq: 20 May 2024 15:30

Tgt Ion: 50 Resp: 110573
 Ion Ratio Lower Upper
 50 100
 52 30.9 22.0 41.0





#5

Vinyl chloride

Concen: 23.095 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

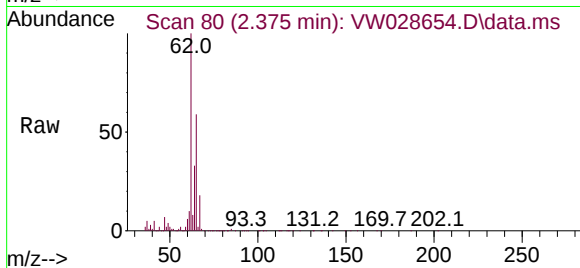
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Acq: 20 May 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :

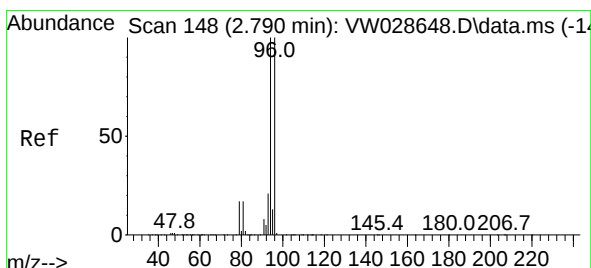
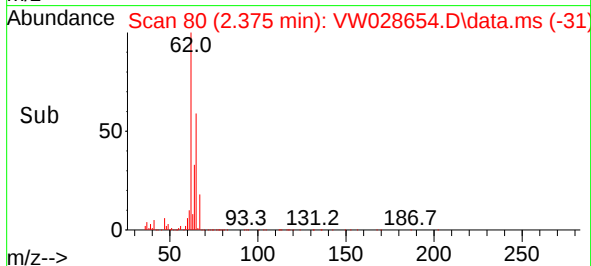
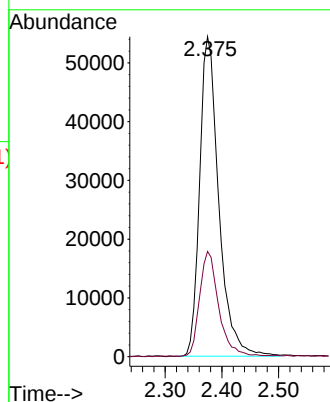


Tgt Ion: 62 Resp: 127468

Ion Ratio Lower Upper

62 100

64 32.9 23.3 43.3



#6

Bromomethane

Concen: 24.599 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW028654.D

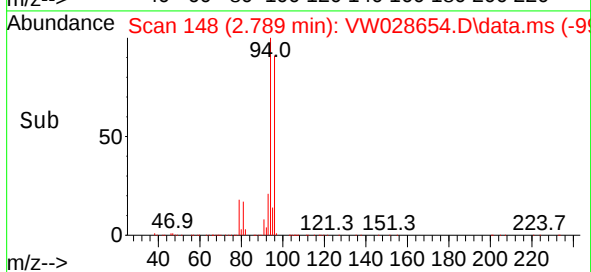
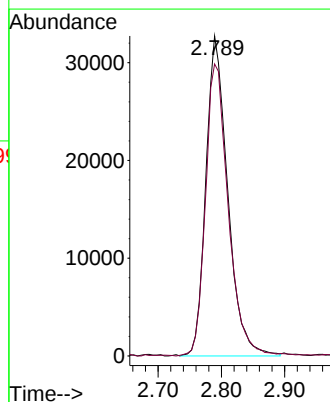
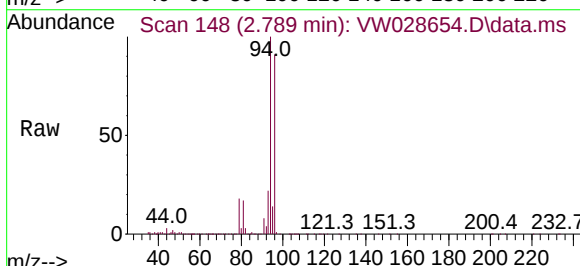
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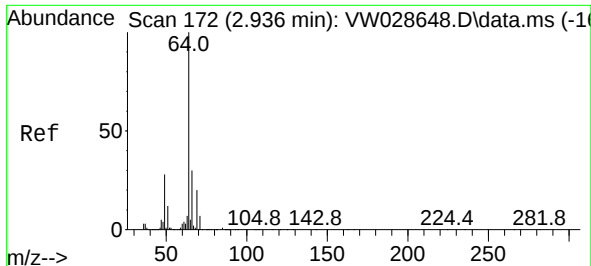
Tgt Ion: 94 Resp: 78539

Ion Ratio Lower Upper

94 100

96 91.3 66.3 123.1

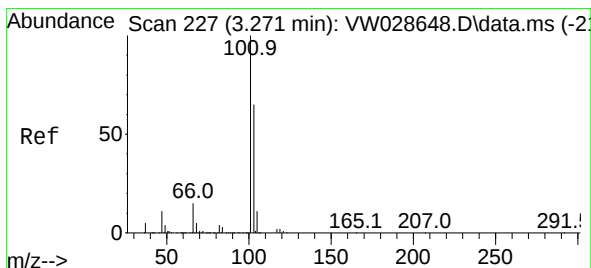
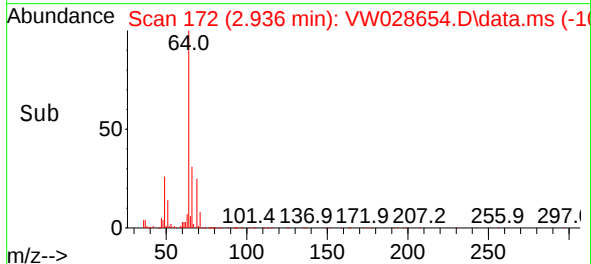
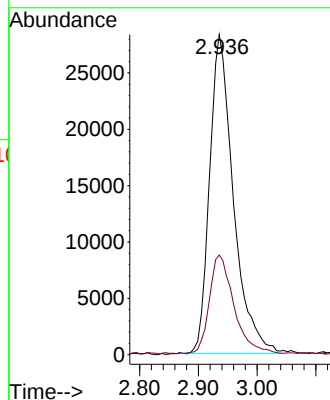
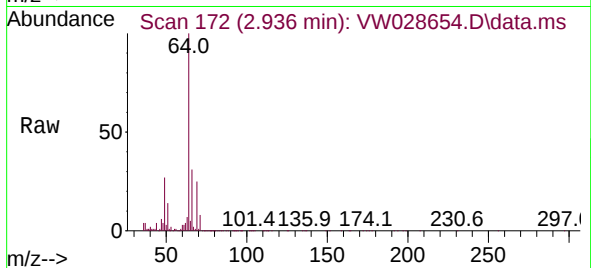




#8
Chloroethane
Concen: 25.270 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028654.D
Acq: 20 May 2024 15:30

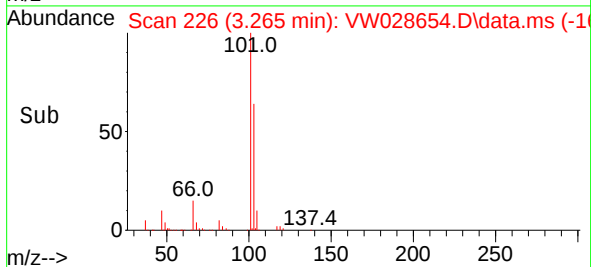
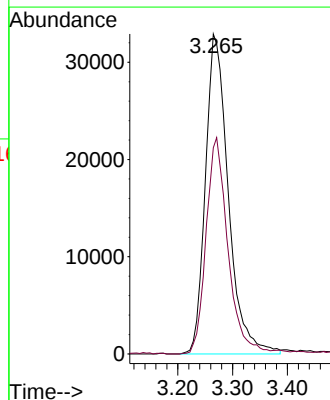
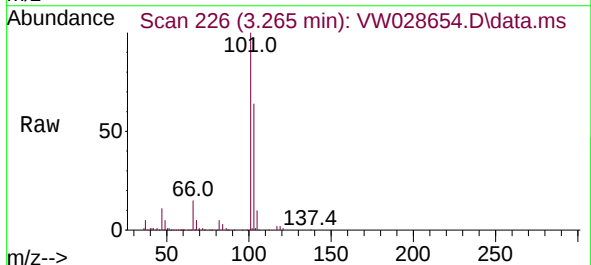
Instrument :
MSVOA_W
ClientSampleId :

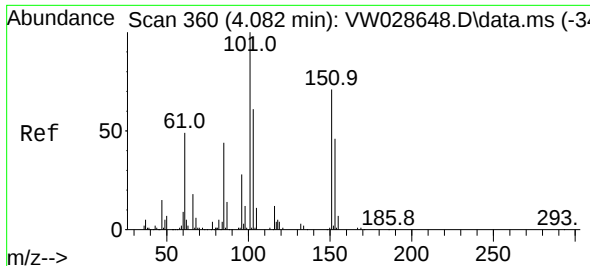
Tgt Ion: 64 Resp: 79542
Ion Ratio Lower Upper
64 100
66 31.1 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.059 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028654.D
Acq: 20 May 2024 15:30

Tgt Ion:101 Resp: 95425
Ion Ratio Lower Upper
101 100
103 64.3 50.4 75.6





#10

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

Concen: 23.528 ug/L

RT: 4.070 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :

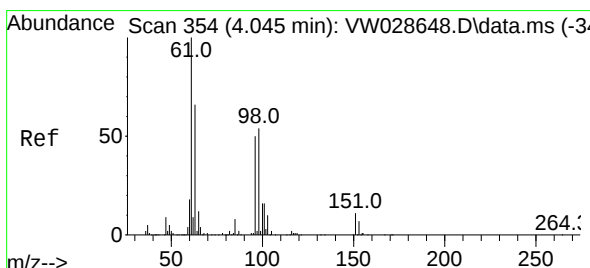
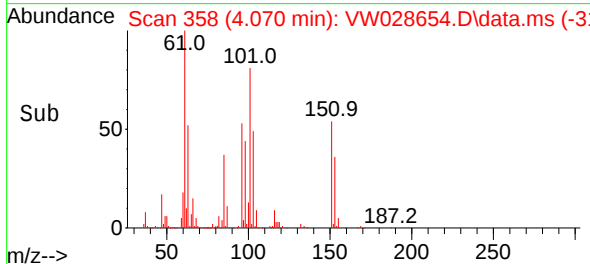
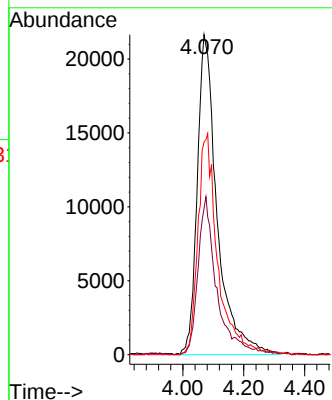
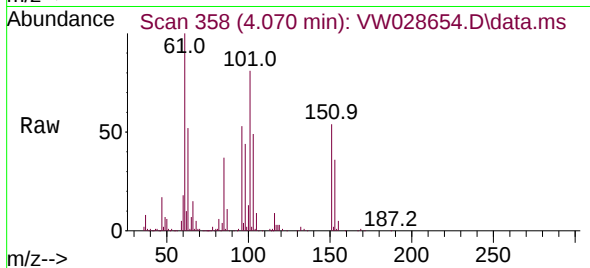
Tgt Ion:101 Resp: 98296

Ion Ratio Lower Upper

101 100

85 42.2 35.8 53.8

151 65.1 49.6 74.4



#12

1,1-Dichloroethene

Concen: 23.693 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

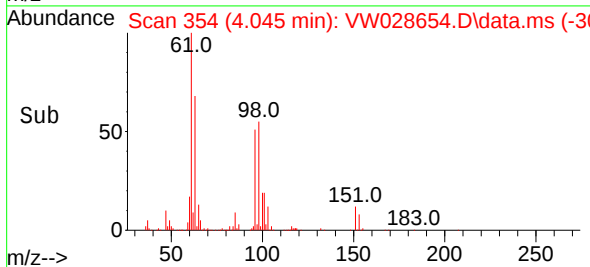
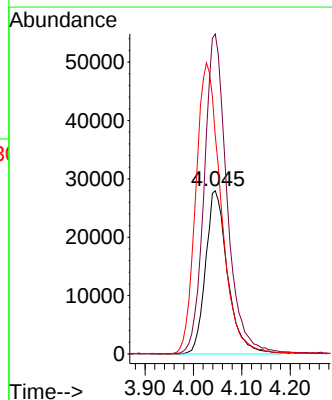
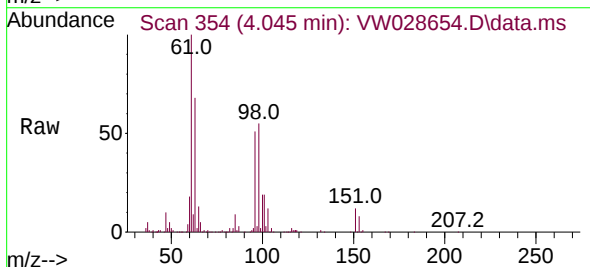
Tgt Ion: 96 Resp: 88793

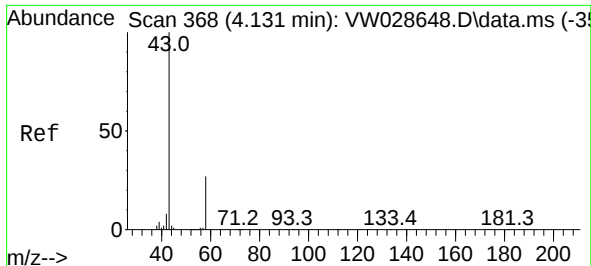
Ion Ratio Lower Upper

96 100

61 196.2 131.6 244.4

63 133.9 111.4 206.8

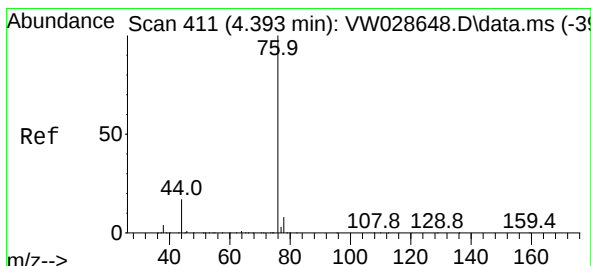
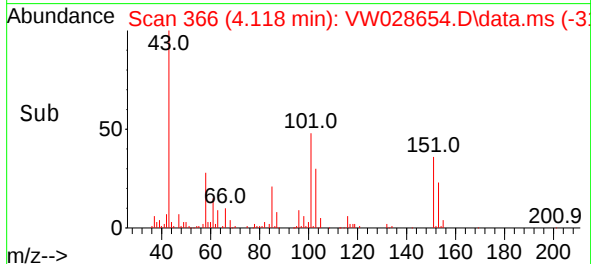
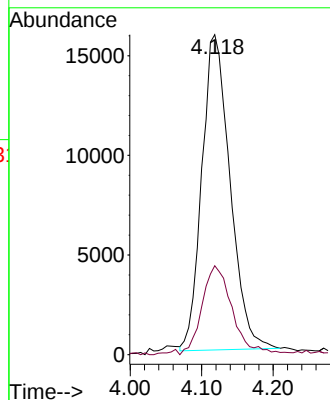
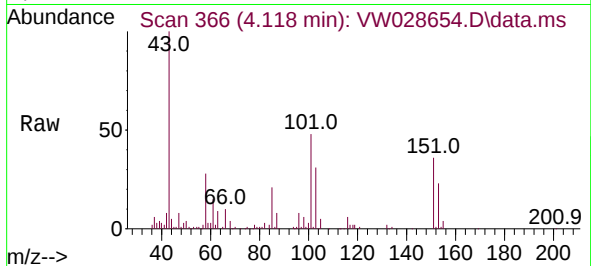




#13
Acetone
Concen: 35.396 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW028654.D
Acq: 20 May 2024 15:30

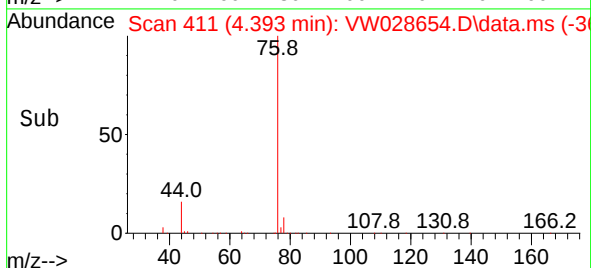
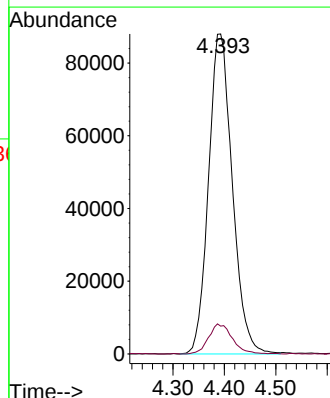
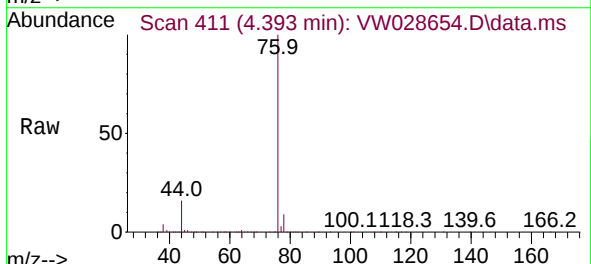
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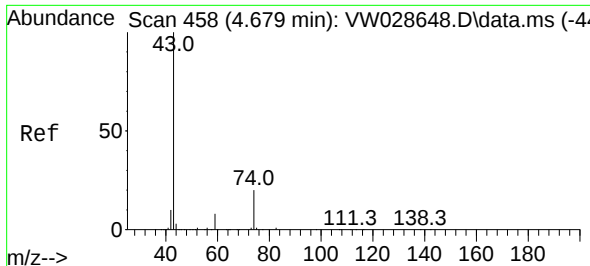
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Ion Ratio Lower Upper
43 100
58 29.0 0.0 54.4



#14
Carbon disulfide
Concen: 22.375 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW028654.D
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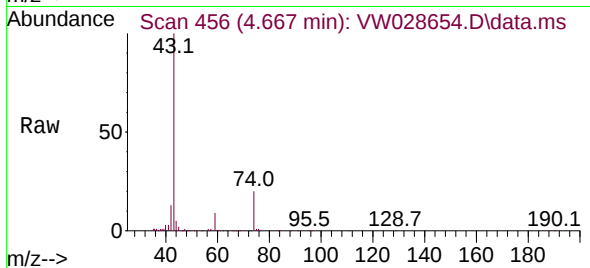
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Ion Ratio Lower Upper
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78 8.7 7.4 11.0



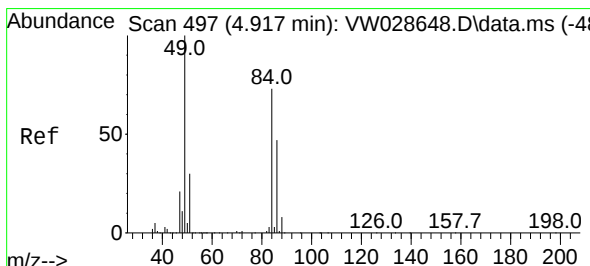
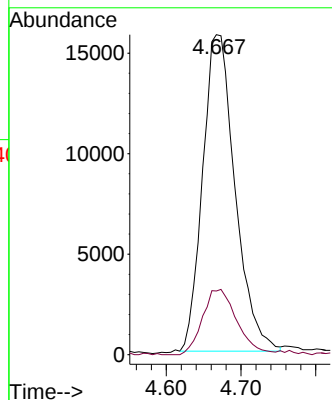
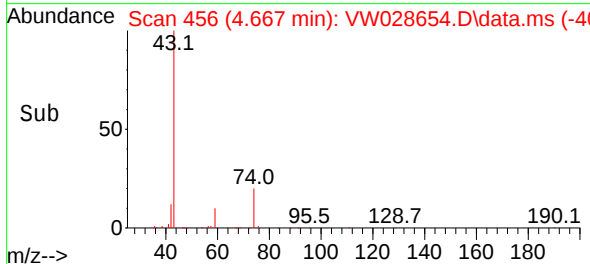


#15
Methyl Acetate
Concen: 22.273 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW028654.D
Acq: 20 May 2024 15:30

Instrument :
MSVOA_W
ClientSampleId :

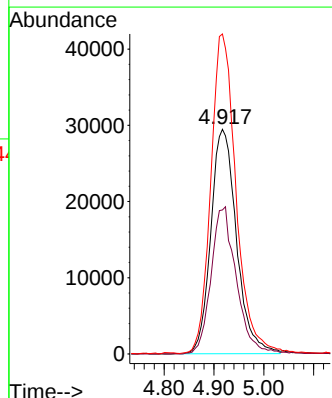
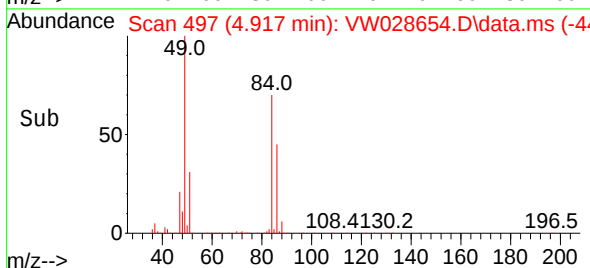
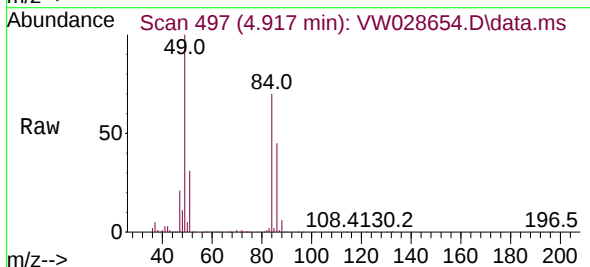


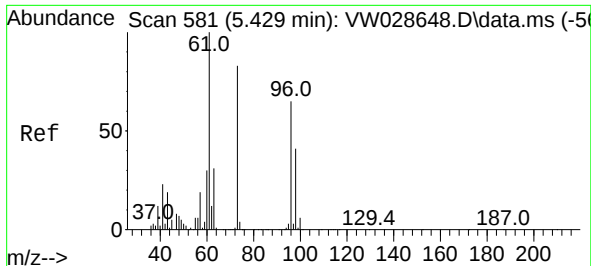
Tgt Ion: 43 Resp: 47557
Ion Ratio Lower Upper
43 100
74 21.9 17.6 26.4



#16
Methylene chloride
Concen: 25.019 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW028654.D
Acq: 20 May 2024 15:30

Tgt Ion: 84 Resp: 105367
Ion Ratio Lower Upper
84 100
86 64.1 44.4 82.4
49 142.4 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 24.832 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :

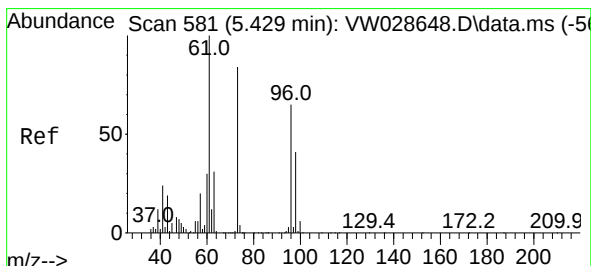
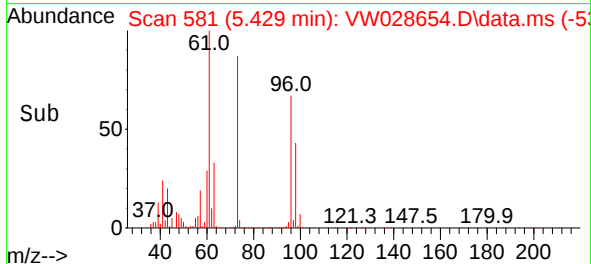
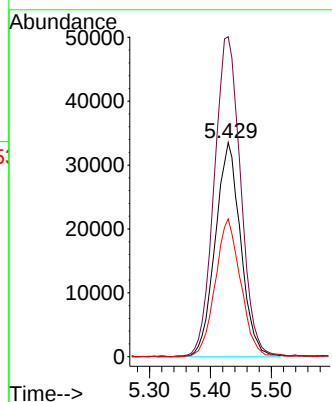
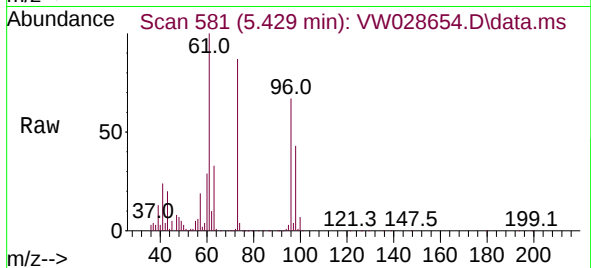
Tgt Ion: 96 Resp: 96885

Ion Ratio Lower Upper

96 100

61 149.4 109.0 202.4

98 64.4 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 26.249 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

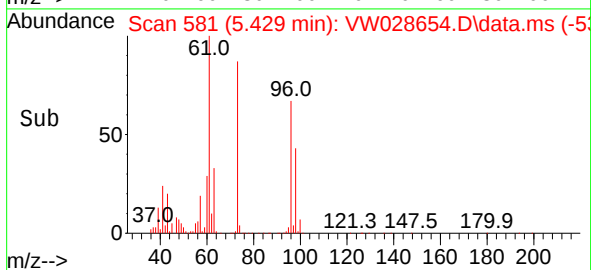
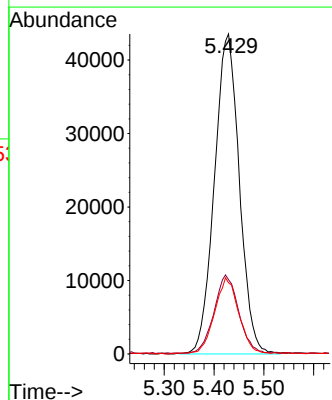
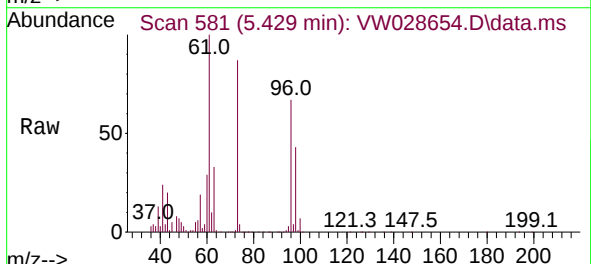
Tgt Ion: 73 Resp: 151139

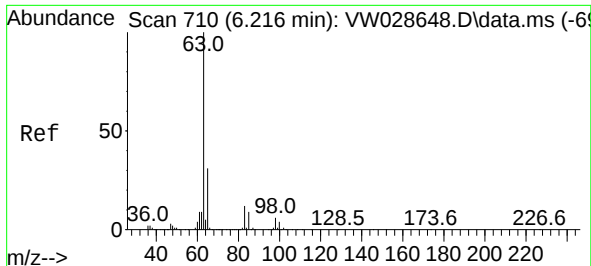
Ion Ratio Lower Upper

73 100

43 23.9 19.2 28.8

57 22.6 18.5 27.7

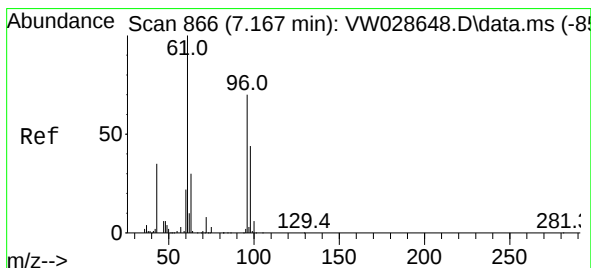
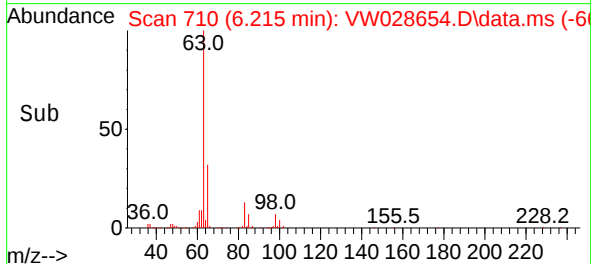
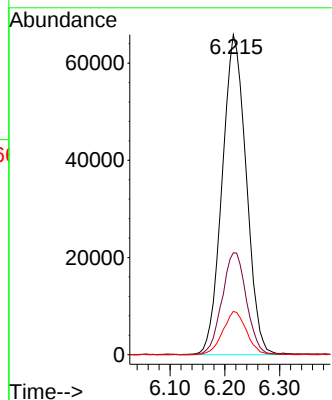
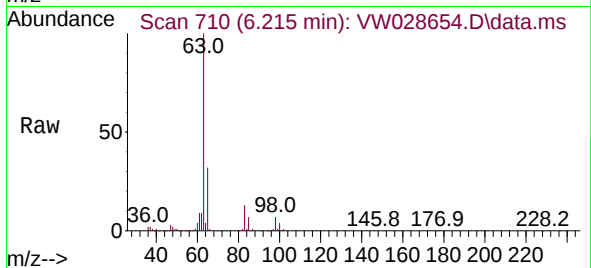




#19
1,1-Dichloroethane
Concen: 25.946 ug/L
RT: 6.215 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW028654.D
Acq: 20 May 2024 15:30

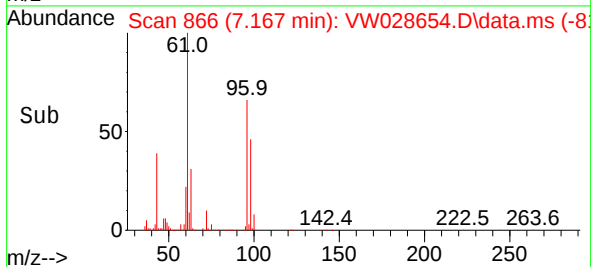
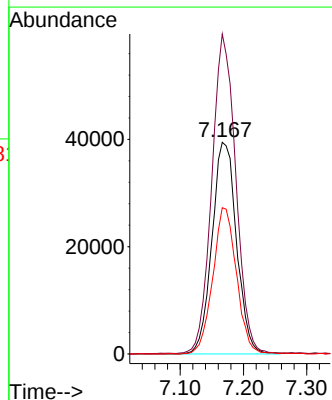
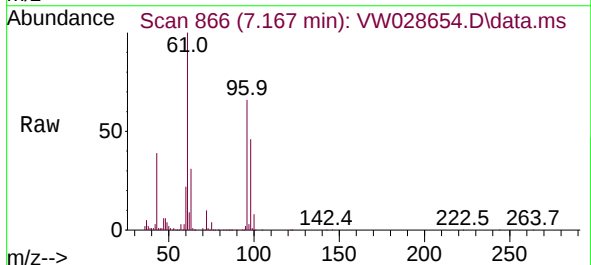
Instrument :
MSVOA_W
ClientSampleId :

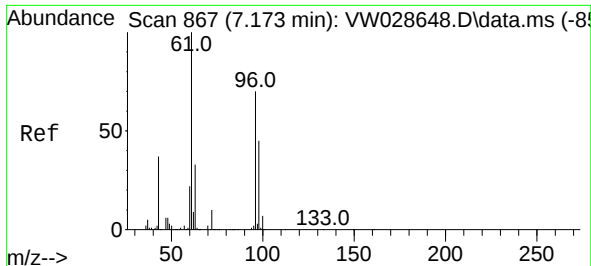
Tgt Ion: 63 Resp: 200748
Ion Ratio Lower Upper
63 100
65 31.9 22.9 42.5
83 13.5 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 25.999 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW028654.D
Acq: 20 May 2024 15:30

Tgt Ion: 96 Resp: 106164
Ion Ratio Lower Upper
96 100
61 151.2 102.8 191.0
98 69.1 44.3 82.3





#22

2-Butanone

Concen: 39.792 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

Instrument :

MSVOA_W

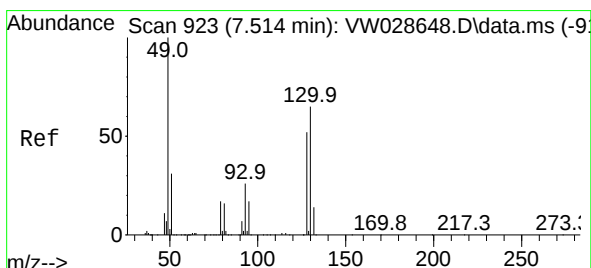
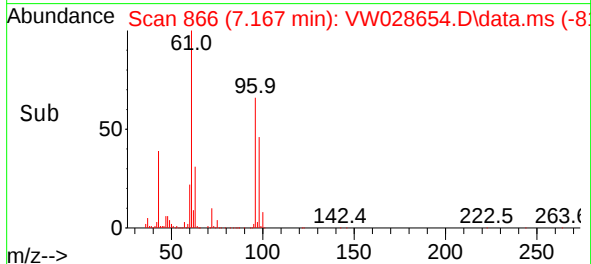
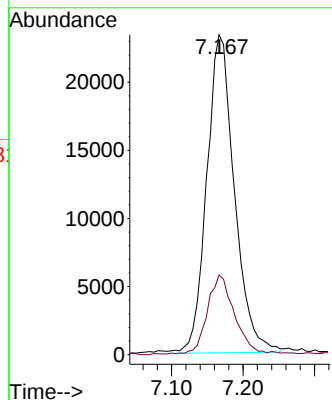
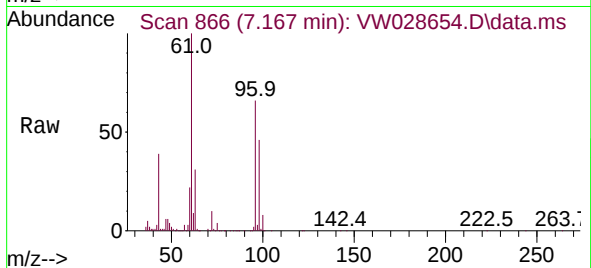
ClientSampleId :

Tgt Ion: 43 Resp: 62682

Ion Ratio Lower Upper

43 100

72 24.4 12.2 36.6



#23

Bromochloromethane

Concen: 26.329 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

Tgt Ion: 128 Resp: 46897

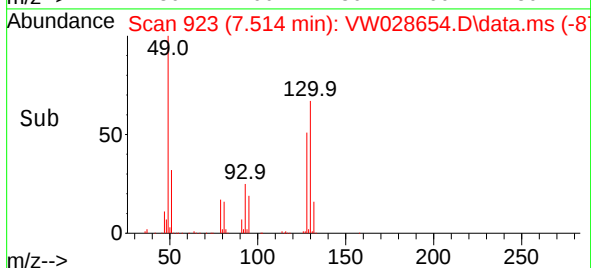
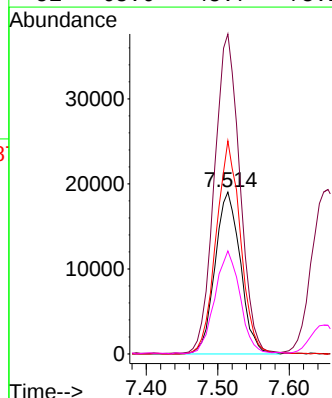
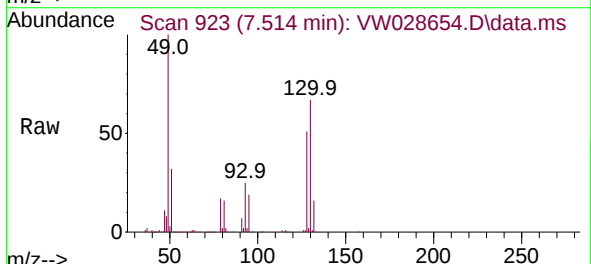
Ion Ratio Lower Upper

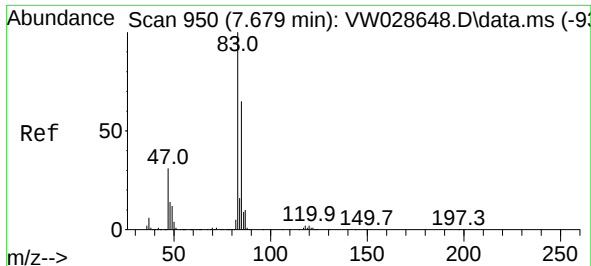
128 100

49 197.6 139.6 259.2

130 131.6 91.2 169.4

51 63.6 48.7 73.1





#25

Chloroform

Concen: 26.928 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

Instrument :

MSVOA_W

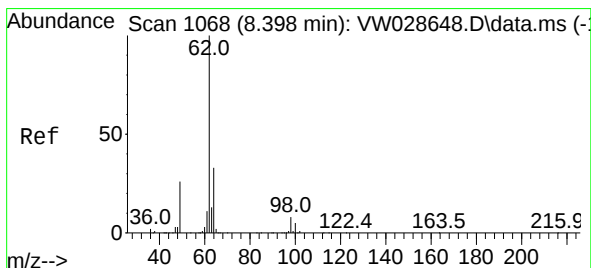
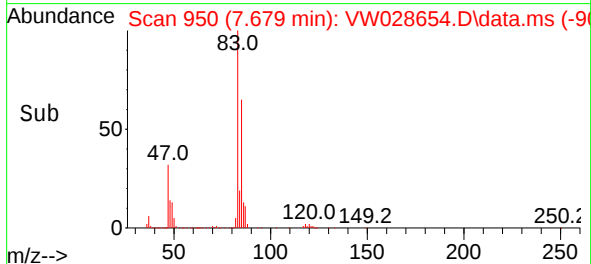
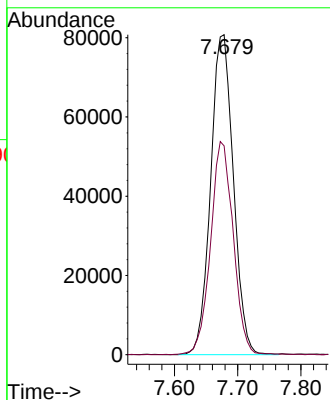
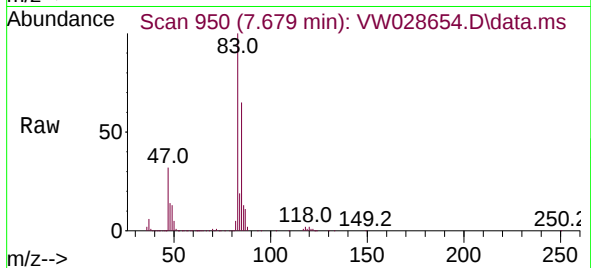
ClientSampleId :

Tgt Ion: 83 Resp: 201514

Ion Ratio Lower Upper

83 100

85 65.2 43.4 80.6



#27

1,2-Dichloroethane

Concen: 26.639 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028654.D

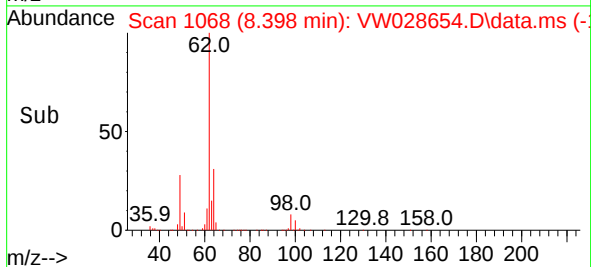
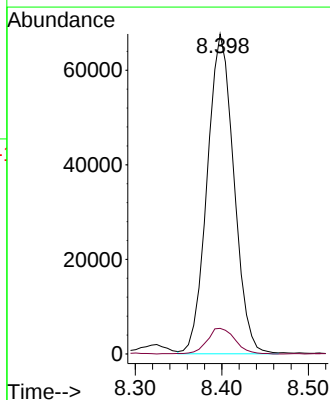
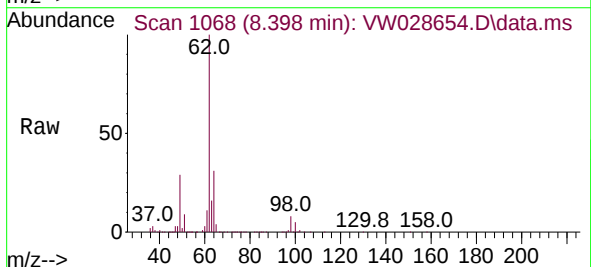
Acq: 20 May 2024 15:30

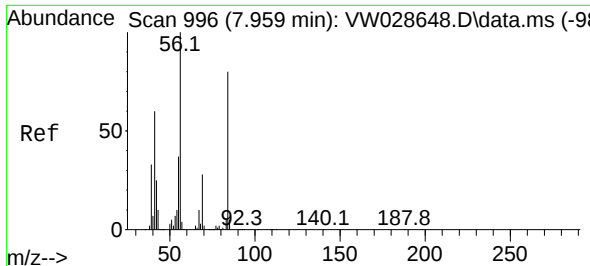
Tgt Ion: 62 Resp: 144910

Ion Ratio Lower Upper

62 100

98 8.0 7.0 10.6





#29

Cyclohexane

Concen: 22.563 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :

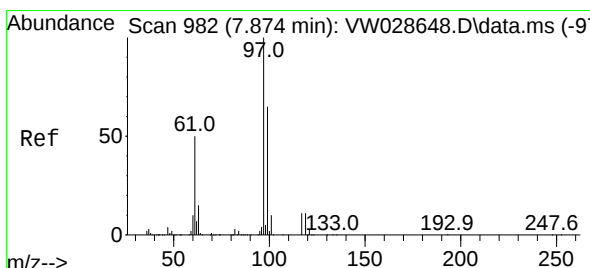
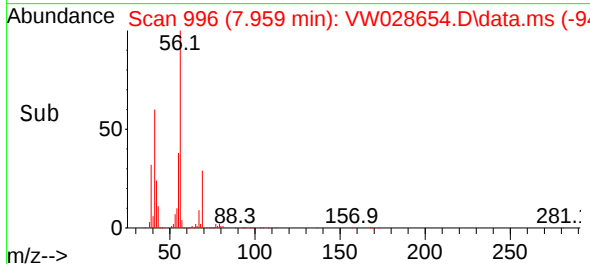
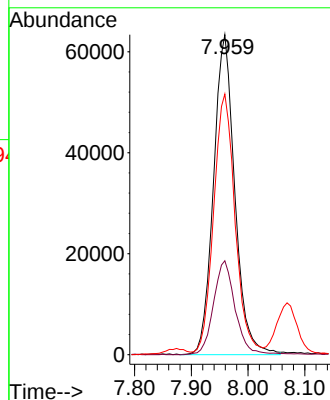
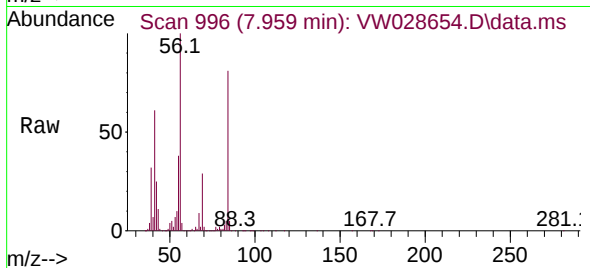
Tgt Ion: 56 Resp: 165347

Ion	Ratio	Lower	Upper
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56	100		
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69	29.5	23.4	35.0
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84	82.2	65.8	98.8
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#30

1,1,1-Trichloroethane

Concen: 24.366 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

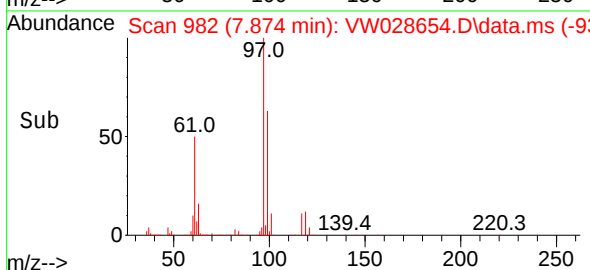
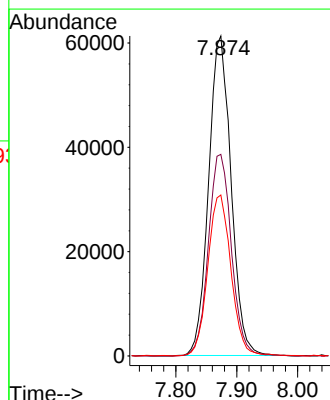
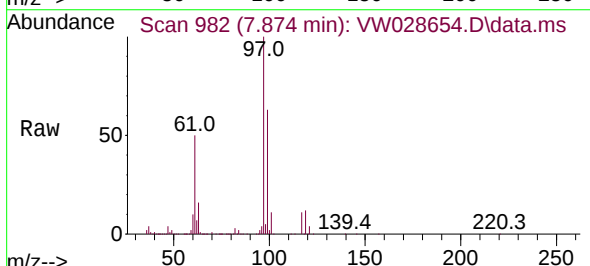
Tgt Ion: 97 Resp: 156937

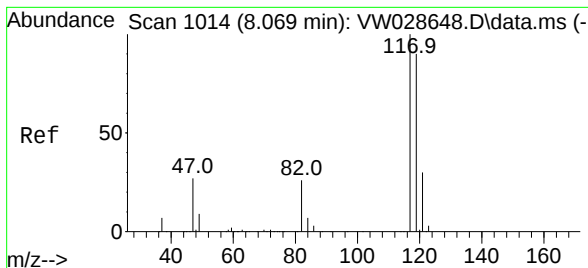
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

97	100		
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99	64.9	50.9	76.3
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61	52.0	41.0	61.6
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#31

Carbon tetrachloride

Concen: 24.027 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

Instrument :

MSVOA_W

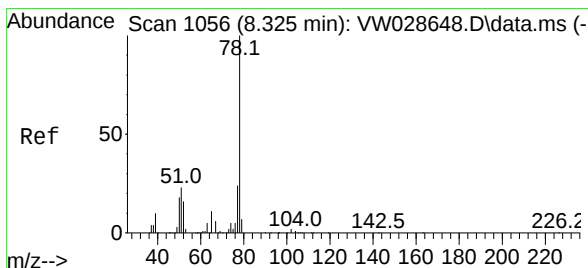
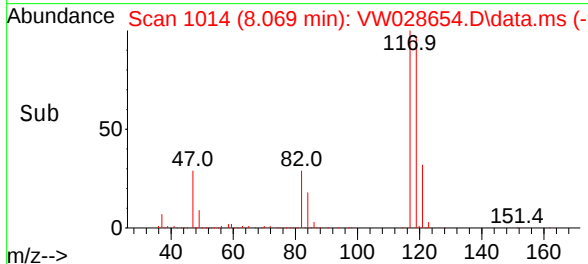
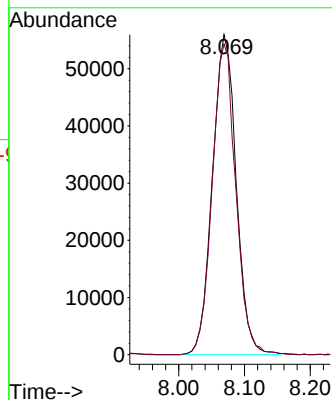
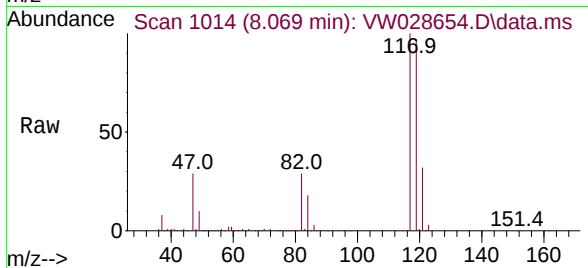
ClientSampleId :

Tgt Ion:117 Resp: 141097

Ion Ratio Lower Upper

117 100

119 96.0 77.2 115.8



#33

Benzene

Concen: 25.694 ug/L

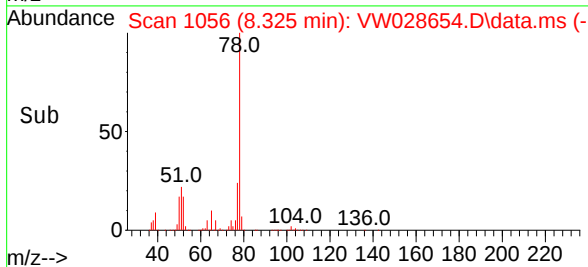
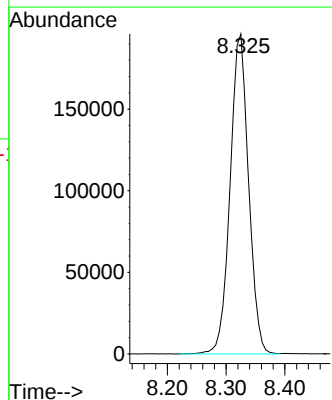
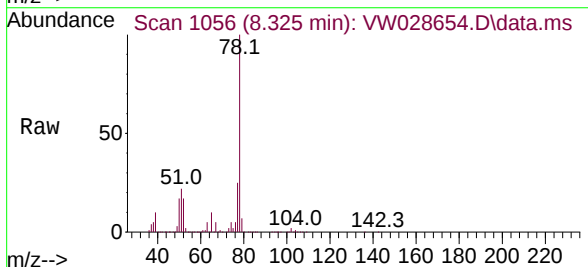
RT: 8.325 min Scan# 1056

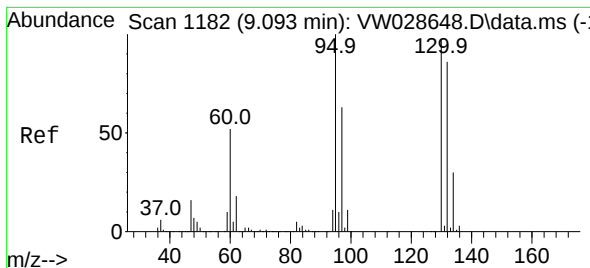
Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

Tgt Ion: 78 Resp: 428233





#34

Trichloroethene

Concen: 24.253 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

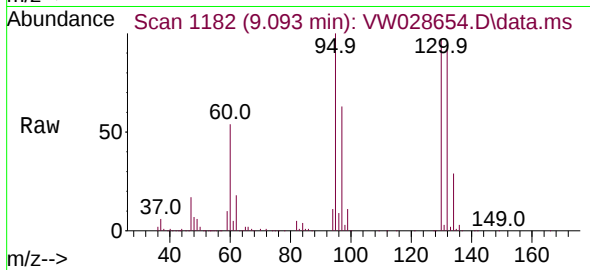
Lab File: VW028654.D

Acq: 20 May 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 108376

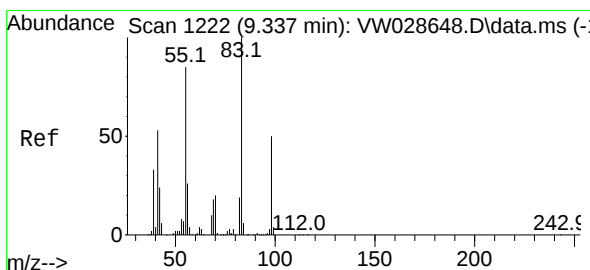
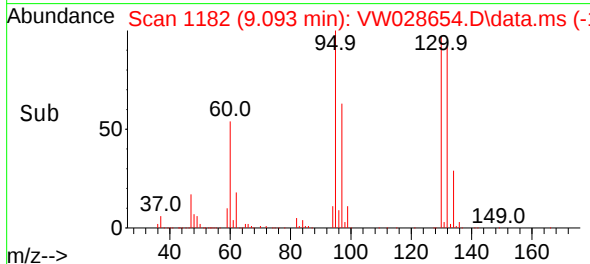
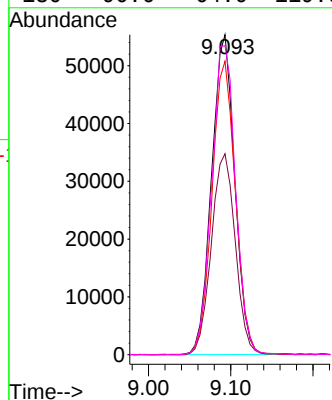
Ion Ratio Lower Upper

95 100

97 62.8 44.9 83.3

132 91.7 59.7 110.9

130 96.6 64.0 119.0



#35

Methylcyclohexane

Concen: 23.493 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

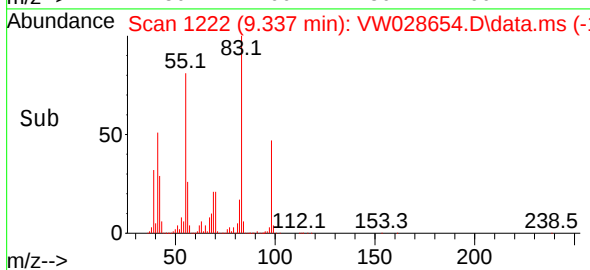
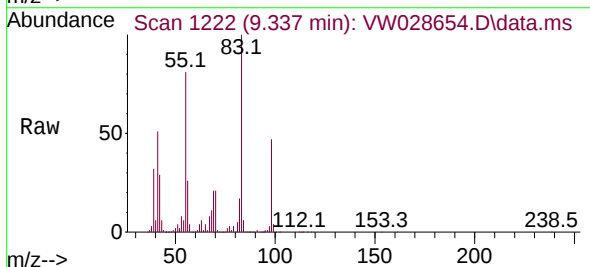
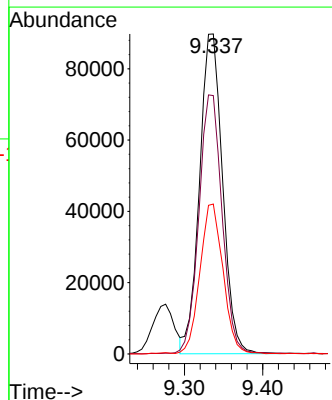
Tgt Ion: 83 Resp: 183458

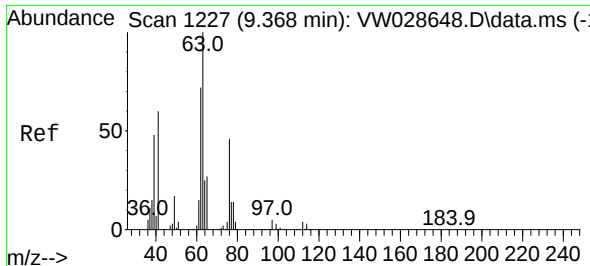
Ion Ratio Lower Upper

83 100

55 81.8 66.9 100.3

98 47.1 37.9 56.9





#37

1,2-Dichloropropane

Concen: 26.560 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

Instrument :

MSVOA_W

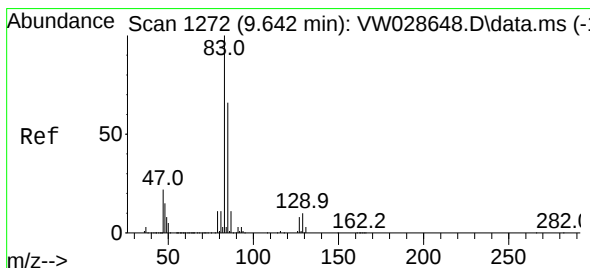
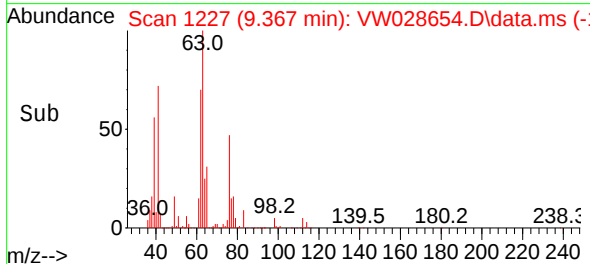
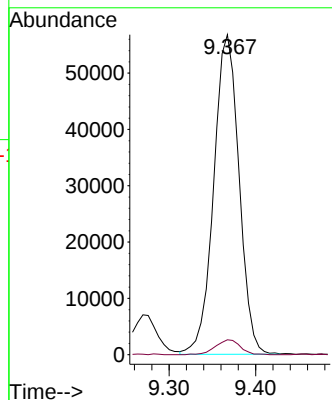
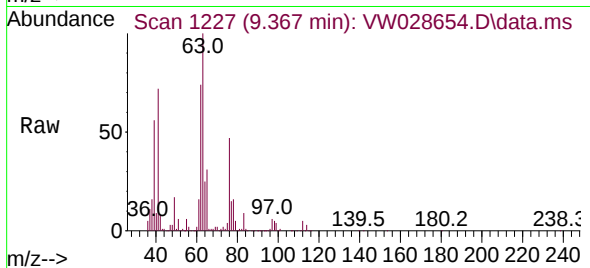
ClientSampleId :

Tgt Ion: 63 Resp: 115346

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 27.345 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

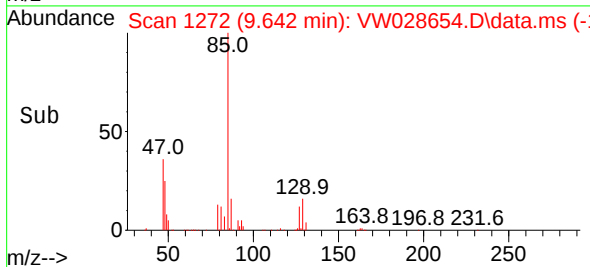
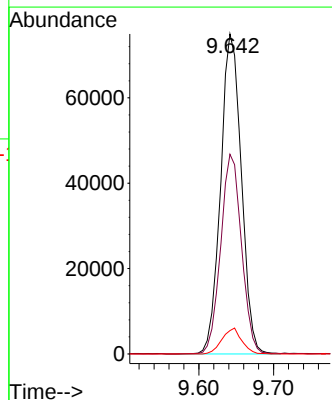
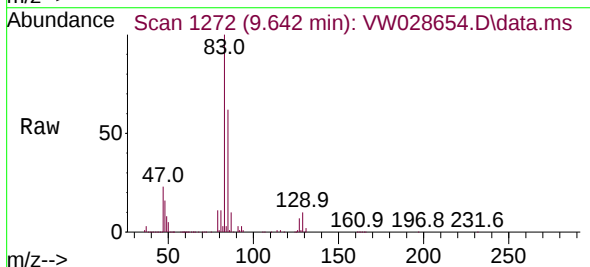
Tgt Ion: 83 Resp: 144764

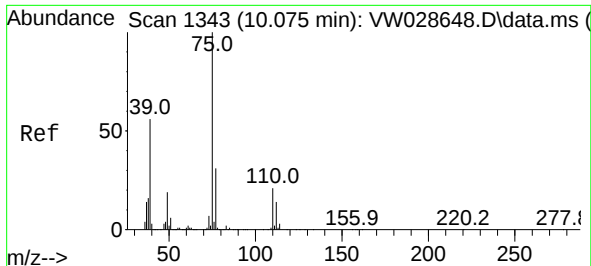
Ion Ratio Lower Upper

83 100

85 62.4 43.0 80.0

127 7.3 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 27.579 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

Instrument :

MSVOA_W

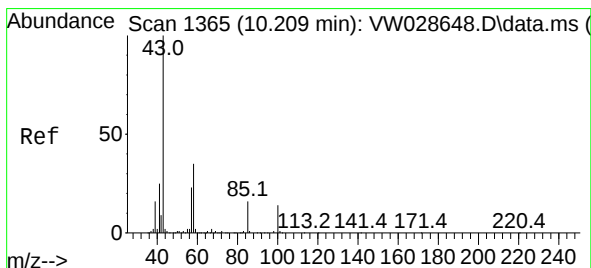
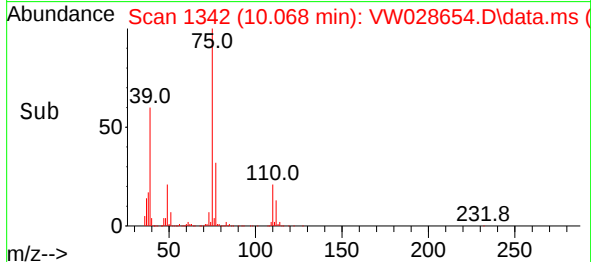
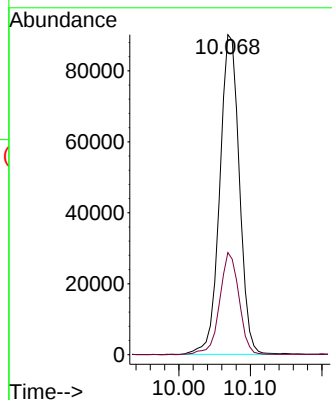
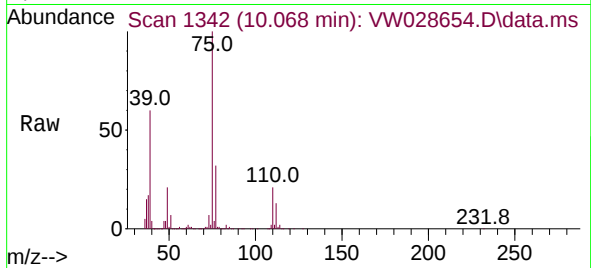
ClientSampleId :

Tgt Ion: 75 Resp: 171671

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 47.052 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

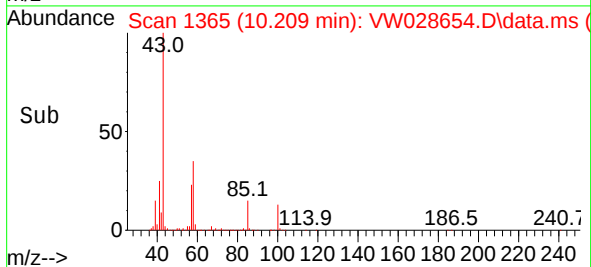
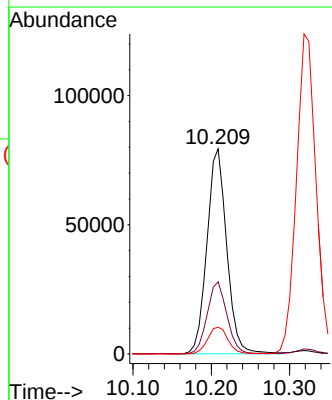
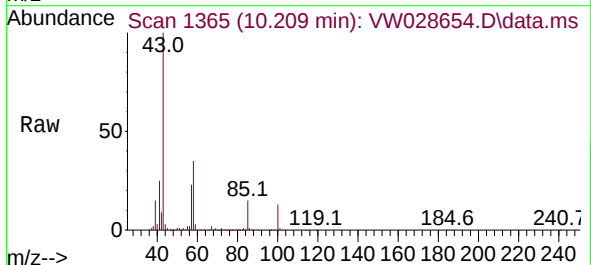
Tgt Ion: 43 Resp: 139075

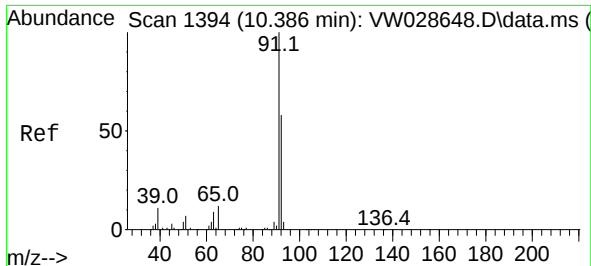
Ion Ratio Lower Upper

43 100

58 35.0 29.2 43.8

100 13.7 11.0 16.4





#42

Toluene

Concen: 26.329 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

Instrument :

MSVOA_W

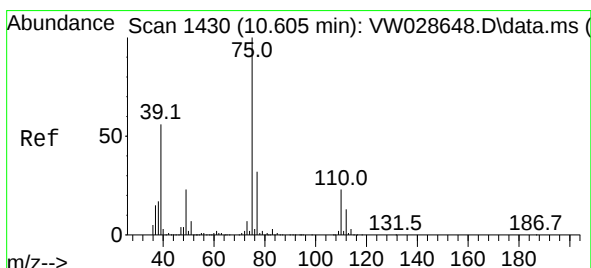
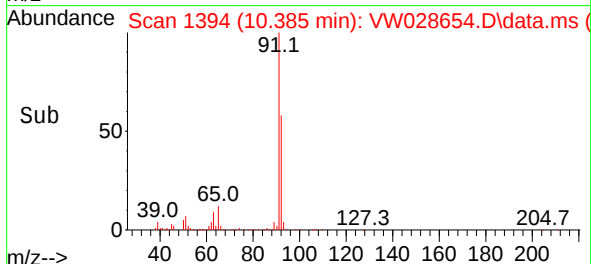
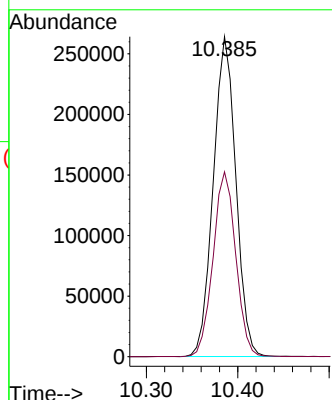
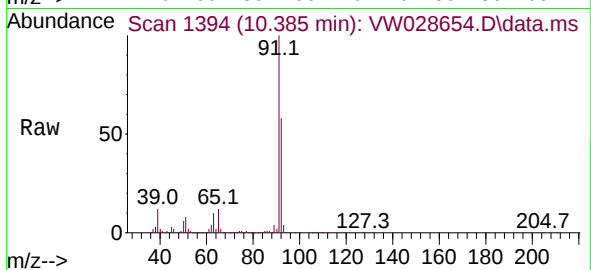
ClientSampleId :

Tgt Ion: 91 Resp: 453238

Ion Ratio Lower Upper

91 100

92 57.8 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 26.703 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028654.D

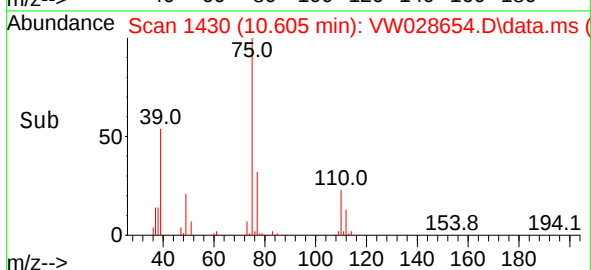
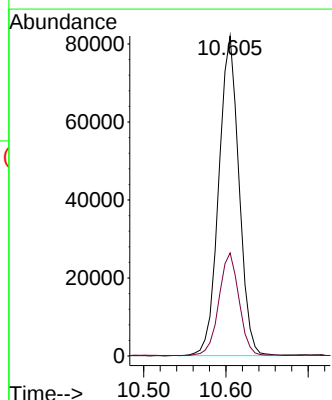
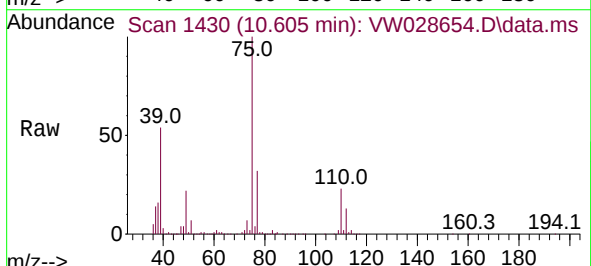
Acq: 20 May 2024 15:30

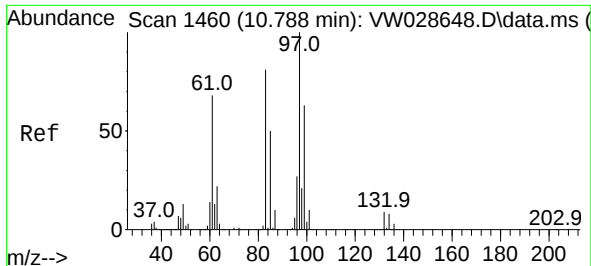
Tgt Ion: 75 Resp: 140147

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 25.389 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 79876

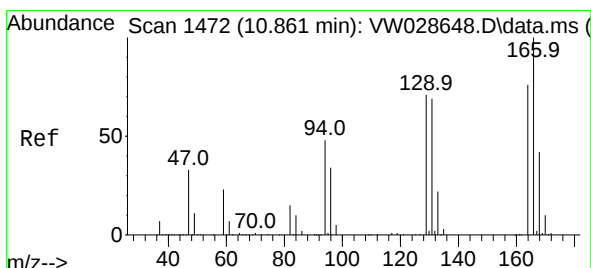
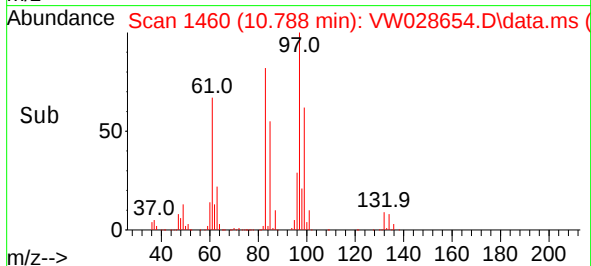
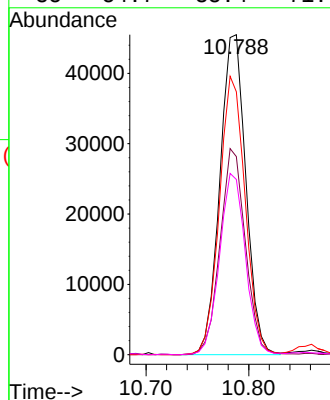
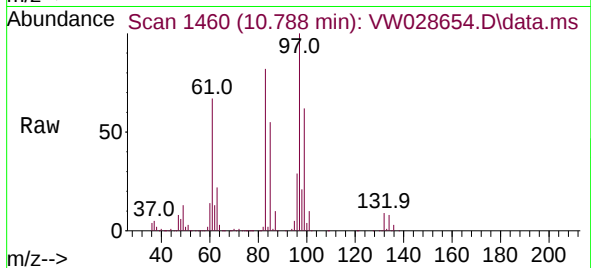
Ion Ratio Lower Upper

97 100

99 61.9 41.9 77.9

83 82.2 62.1 115.3

85 54.7 38.4 71.4



#46

Tetrachloroethene

Concen: 25.291 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

Tgt Ion:164 Resp: 81424

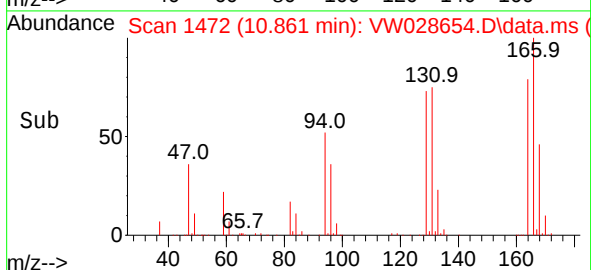
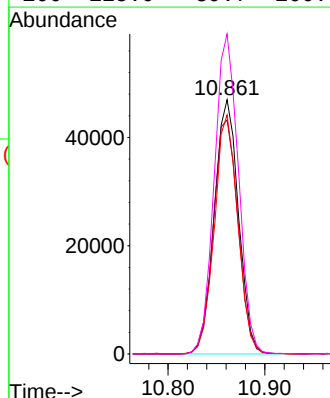
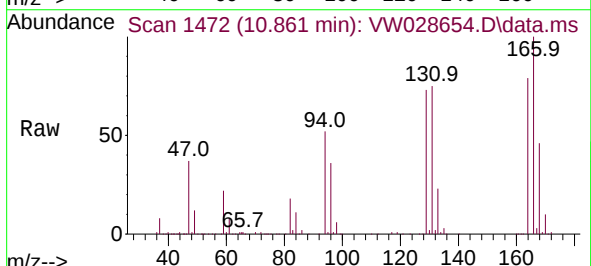
Ion Ratio Lower Upper

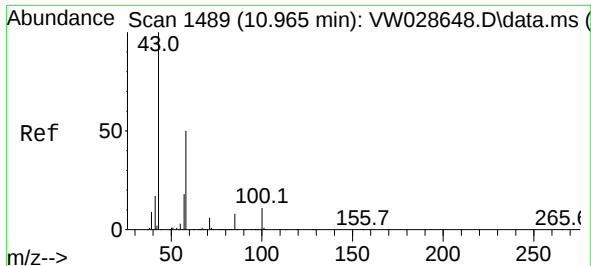
164 100

129 92.1 69.2 128.6

131 94.0 67.7 125.7

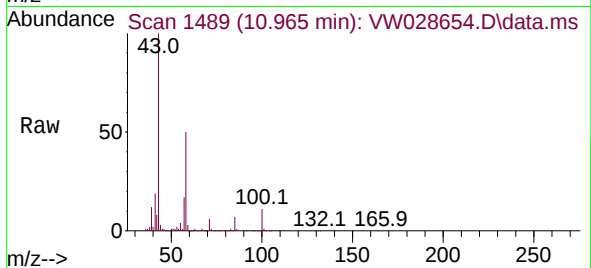
166 125.9 89.7 166.7



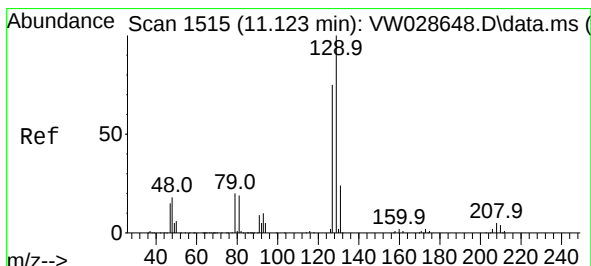
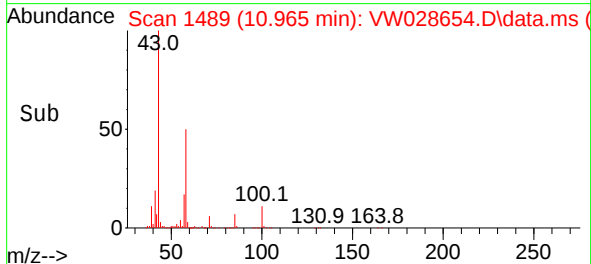
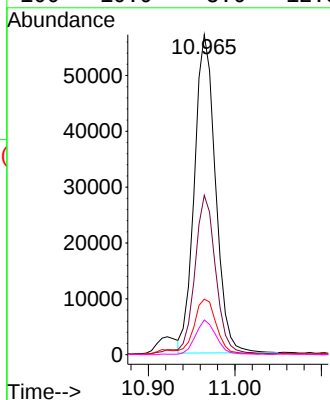


#48
2-Hexanone
Concen: 46.183 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028654.D
Acq: 20 May 2024 15:30

Instrument :
MSVOA_W
ClientSampleId :

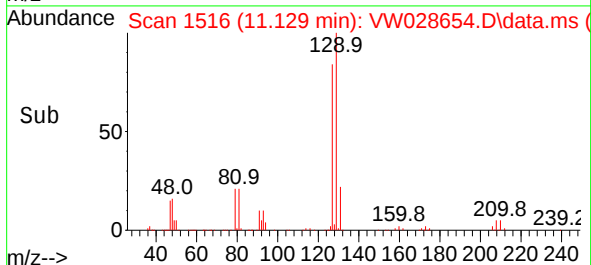
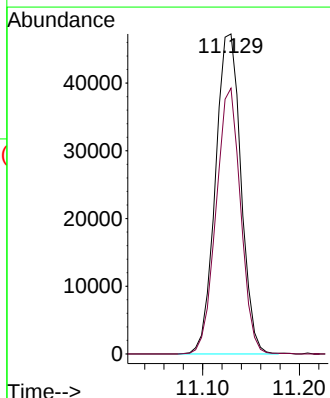
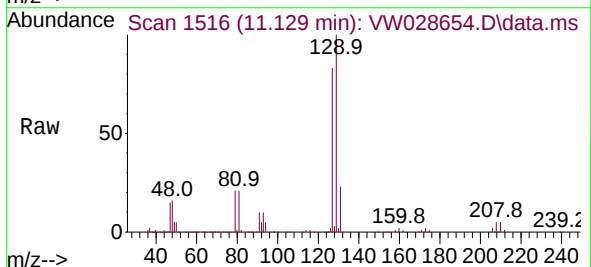


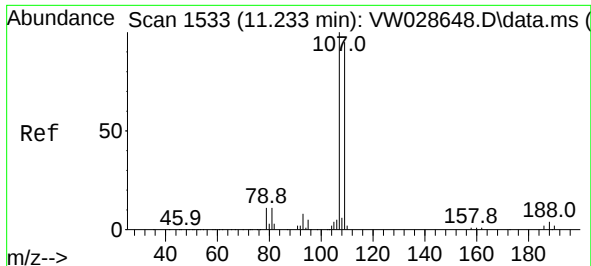
Tgt Ion: 43	Resp: 96372
Ion Ratio	Lower Upper
43 100	
58 49.2	41.0 61.4
57 18.7	14.8 22.2
100 10.9	8.6 12.8



#49
Dibromochloromethane
Concen: 27.425 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW028654.D
Acq: 20 May 2024 15:30

Tgt Ion:129	Resp:	86543	
Ion	Ratio	Lower	Upper
129	100		
127	83.1	54.3	100.8





#50

1,2-Dibromoethane

Concen: 25.492 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028654.D

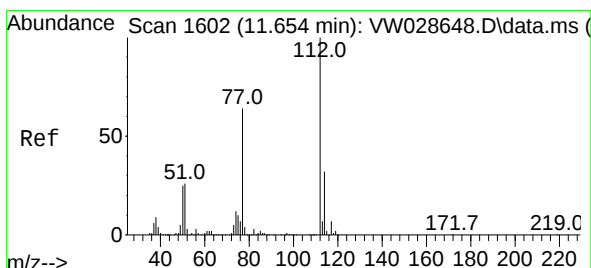
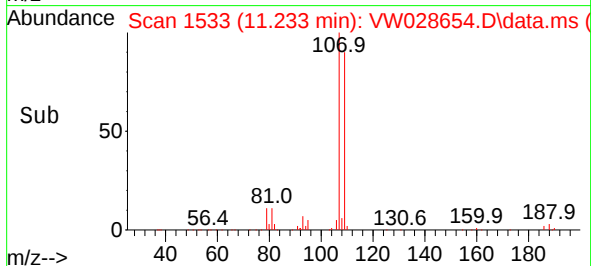
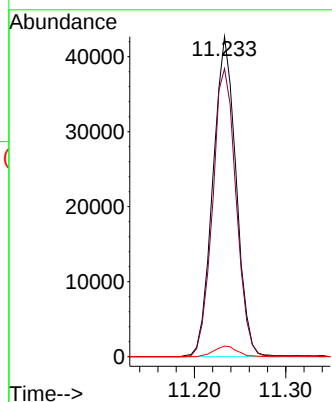
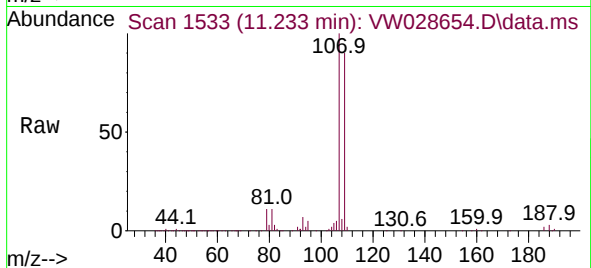
Acq: 20 May 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	75126
Ion Ratio	Lower	Upper	
107	100		
109	90.0	64.2	119.2
188	3.3	3.1	4.7



#51

Chlorobenzene

Concen: 26.322 ug/L

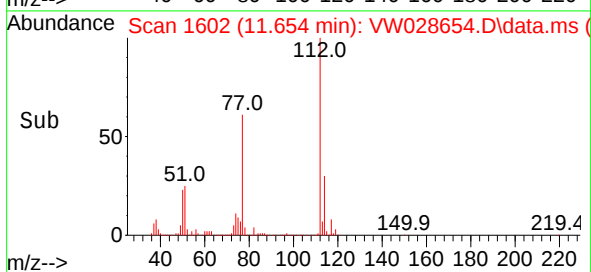
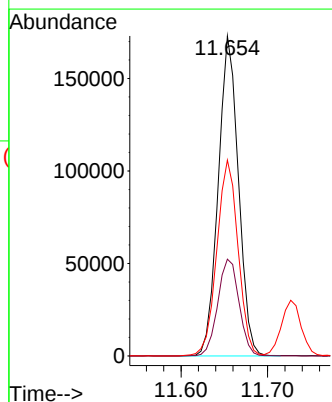
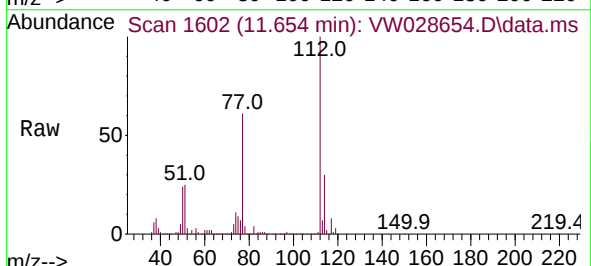
RT: 11.654 min Scan# 1602

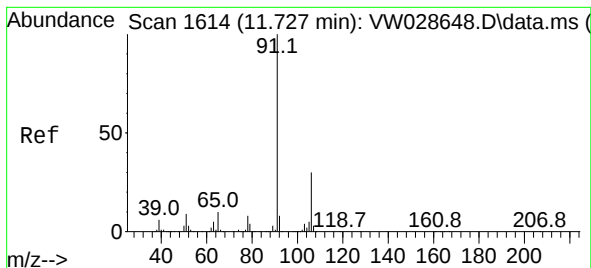
Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

Tgt Ion:	112	Resp:	280280
Ion Ratio	Lower	Upper	
112	100		
114	30.3	22.2	41.2
77	61.2	50.8	76.2

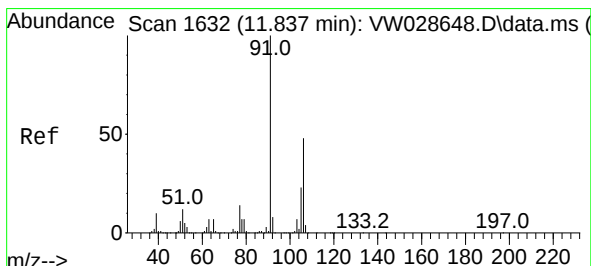
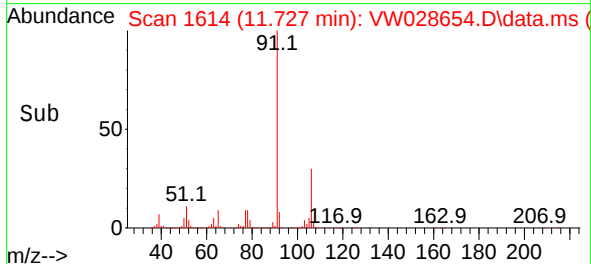
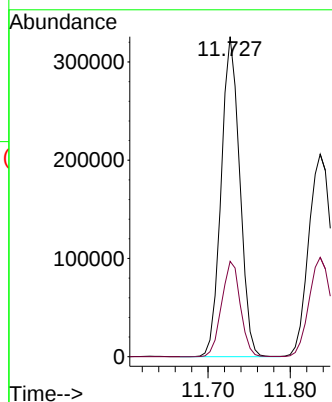
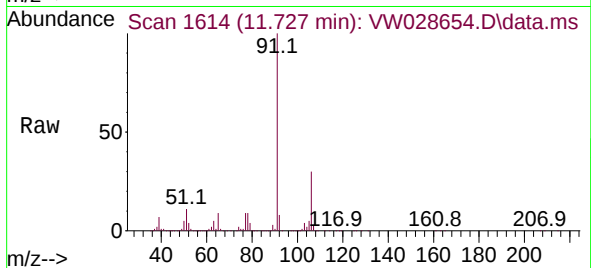




#52
Ethylbenzene
Concen: 26.304 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW028654.D
Acq: 20 May 2024 15:30

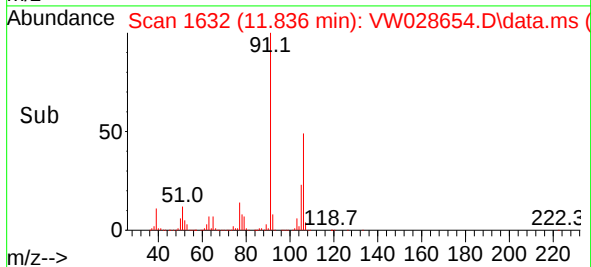
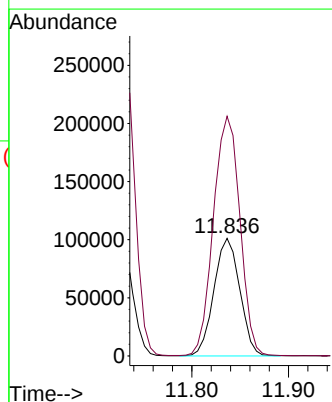
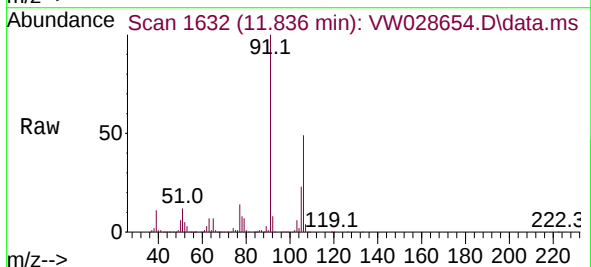
Instrument :
MSVOA_W
ClientSampleId :

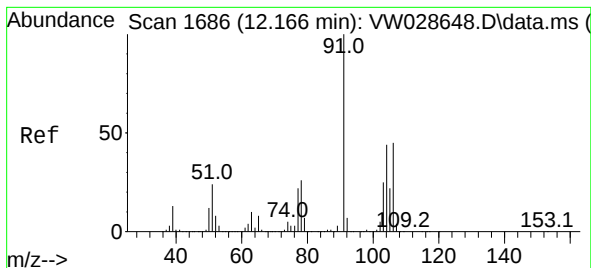
Tgt Ion: 91 Resp: 512418
Ion Ratio Lower Upper
91 100
106 29.8 22.7 42.1



#53
m,p-Xylene
Concen: 26.342 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028654.D
Acq: 20 May 2024 15:30

Tgt Ion:106 Resp: 188103
Ion Ratio Lower Upper
106 100
91 203.7 146.6 272.2





#54

o-Xylene

Concen: 27.744 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

Instrument :

MSVOA_W

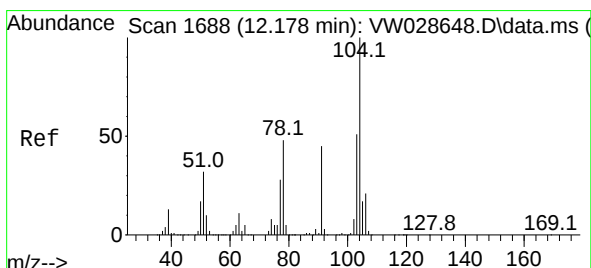
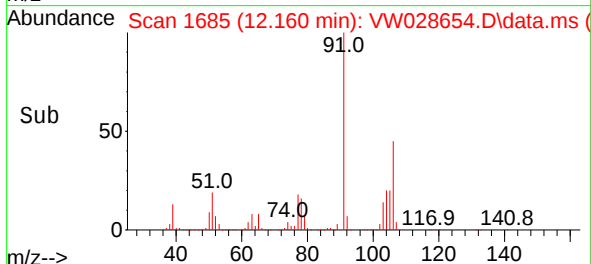
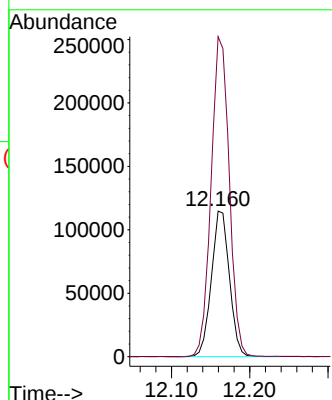
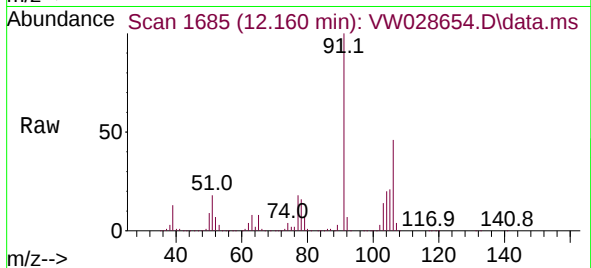
ClientSampleId :

Tgt Ion:106 Resp: 183281

Ion Ratio Lower Upper

106 100

91 219.6 154.3 286.5



#55

Styrene

Concen: 27.977 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028654.D

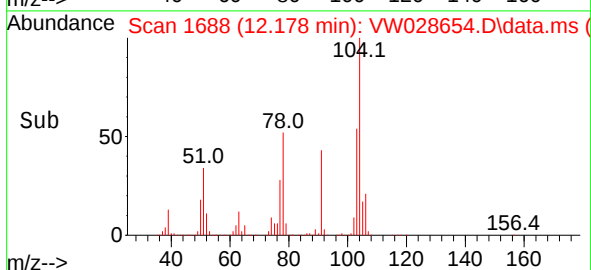
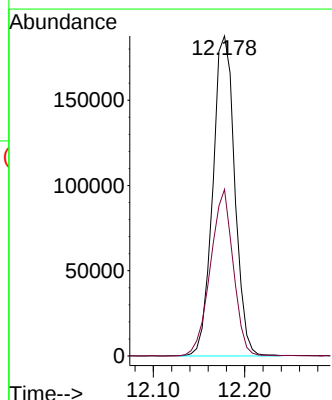
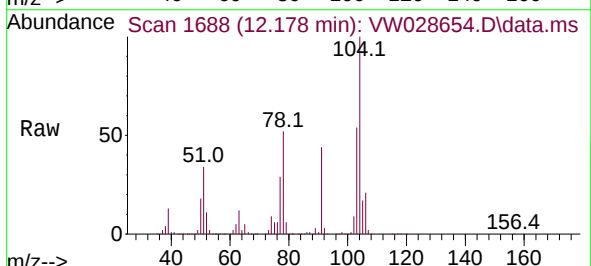
Acq: 20 May 2024 15:30

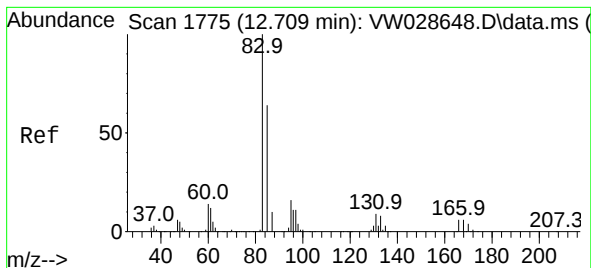
Tgt Ion:104 Resp: 313167

Ion Ratio Lower Upper

104 100

78 52.1 34.1 63.3

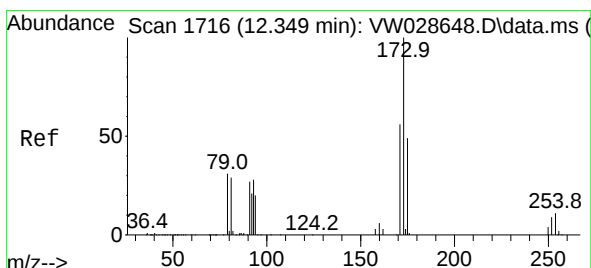
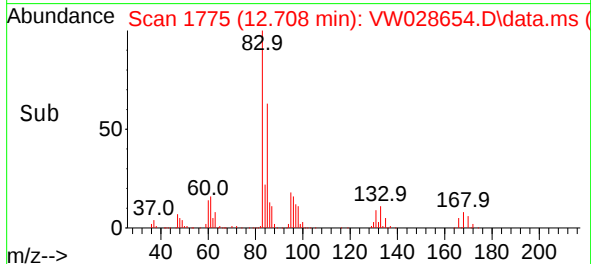
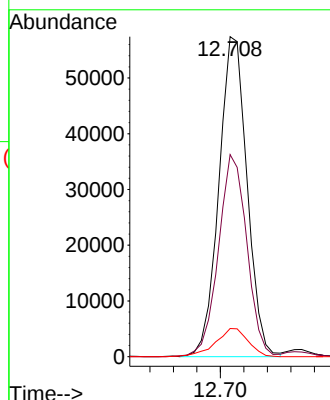
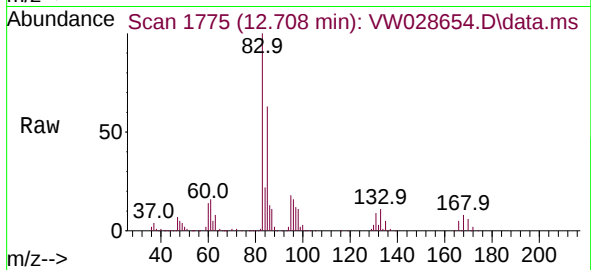




#57
1,1,2,2-Tetrachloroethane
Concen: 24.245 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW028654.D
Acq: 20 May 2024 15:30

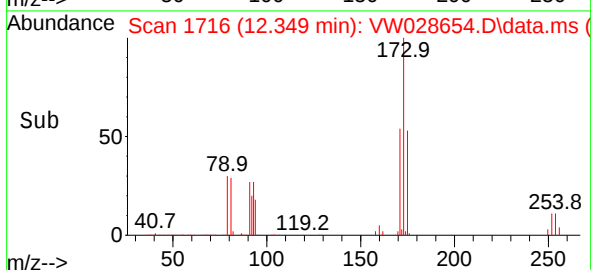
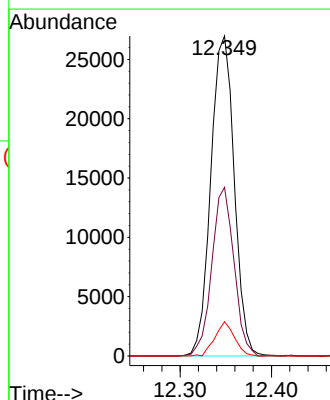
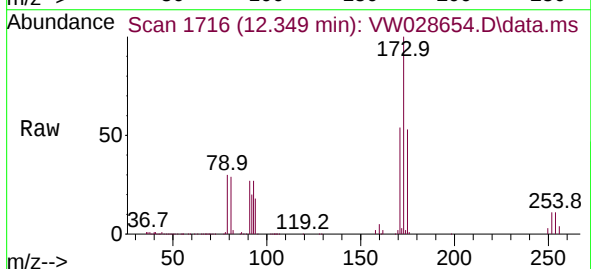
Instrument :
MSVOA_W
ClientSampleId :

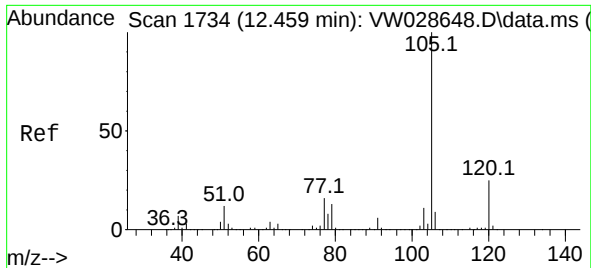
Tgt Ion: 83 Resp: 95697
Ion Ratio Lower Upper
83 100
85 63.2 45.6 84.6
131 8.8 7.3 10.9



#59
Bromoform
Concen: 25.914 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW028654.D
Acq: 20 May 2024 15:30

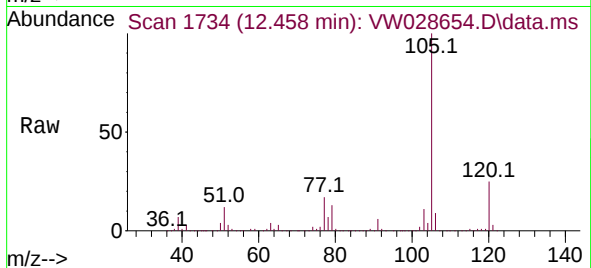
Tgt Ion:173 Resp: 47941
Ion Ratio Lower Upper
173 100
175 49.9 39.8 59.8
254 8.9 7.1 10.7



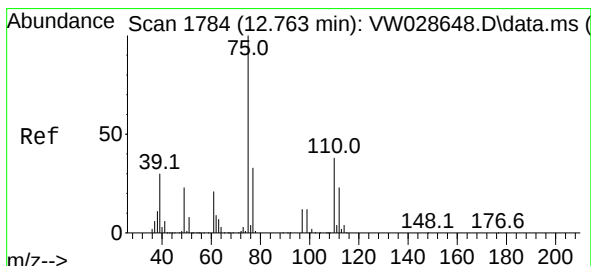
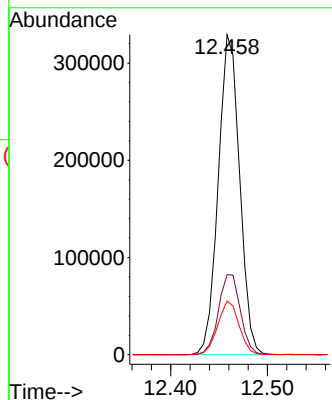
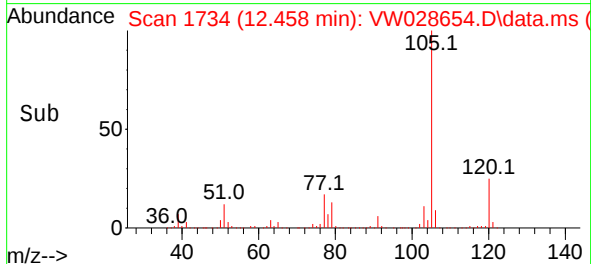


#60
Isopropylbenzene
Concen: 26.235 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028654.D
Acq: 20 May 2024 15:30

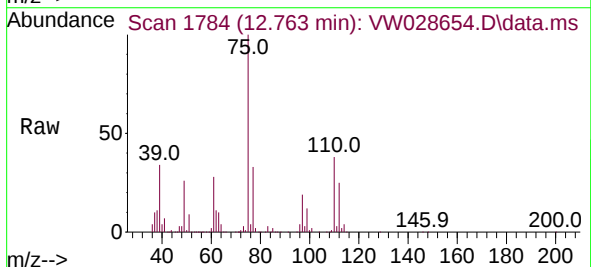
Instrument :
MSVOA_W
ClientSampleId :



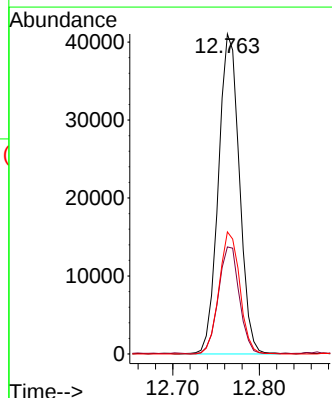
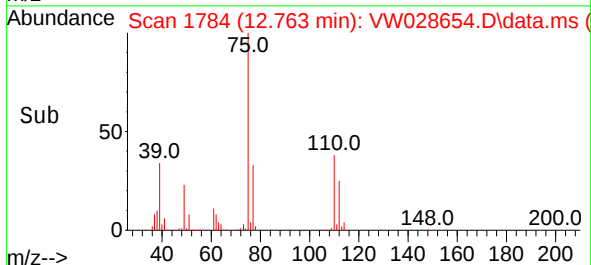
Tgt Ion:105 Resp: 504718
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7
77 16.8 13.4 20.2

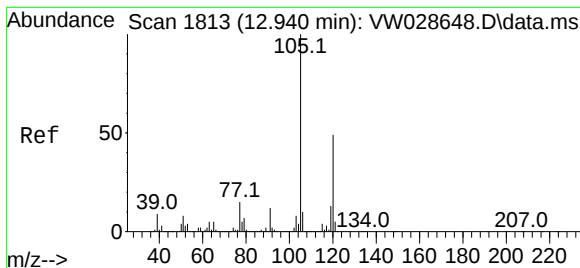


#61
1,2,3-Trichloropropane
Concen: 22.541 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028654.D
Acq: 20 May 2024 15:30



Tgt Ion: 75 Resp: 69080
Ion Ratio Lower Upper
75 100
77 33.5 25.9 38.9
110 37.6 30.6 45.8





#62

1,3,5-Trimethylbenzene

Concen: 26.980 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

Instrument :

MSVOA_W

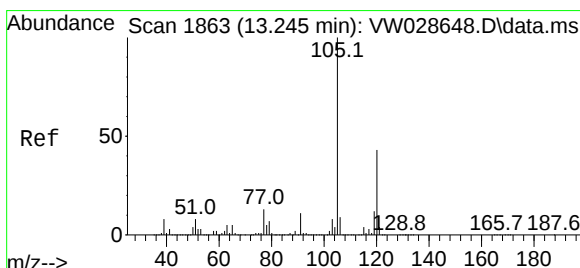
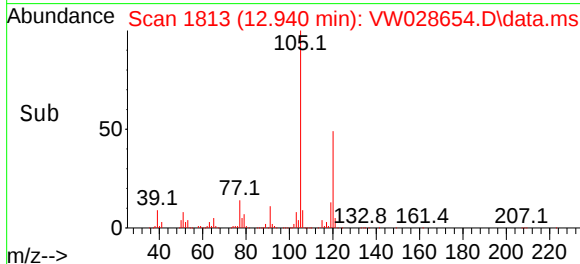
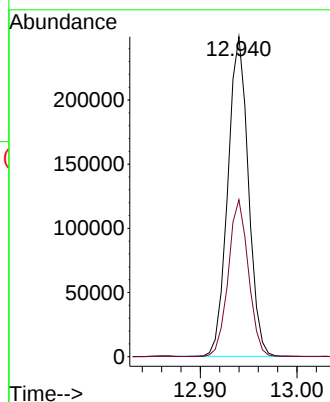
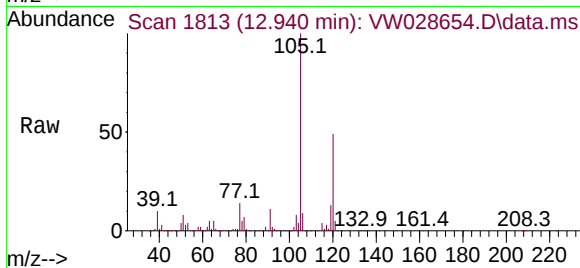
ClientSampleId :

Tgt Ion:105 Resp: 367249

Ion Ratio Lower Upper

105 100

120 48.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 27.491 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028654.D

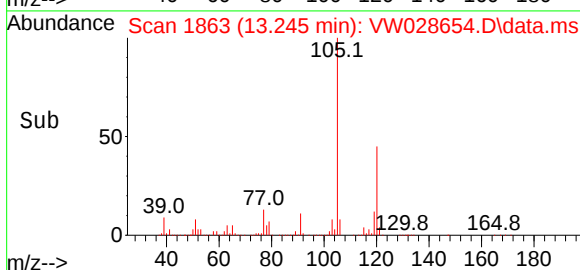
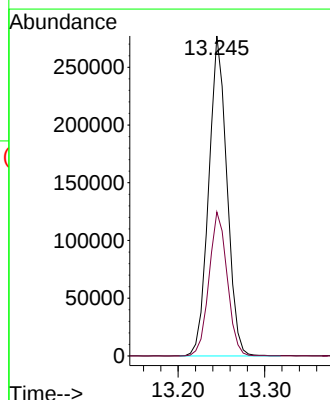
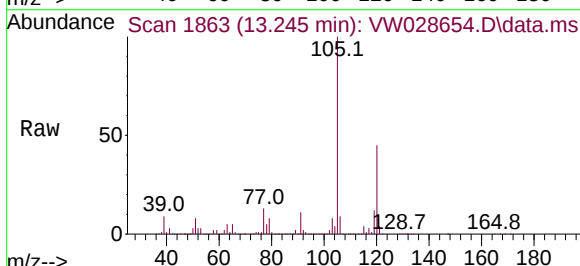
Acq: 20 May 2024 15:30

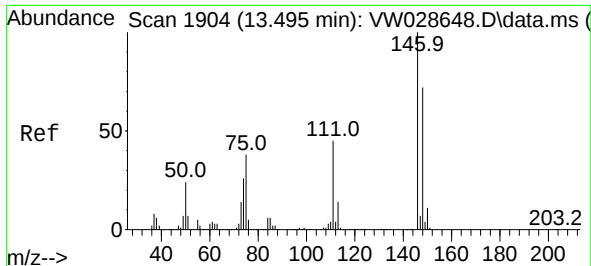
Tgt Ion:105 Resp: 403185

Ion Ratio Lower Upper

105 100

120 45.0 34.1 51.1





#64

1,3-Dichlorobenzene

Concen: 26.824 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :

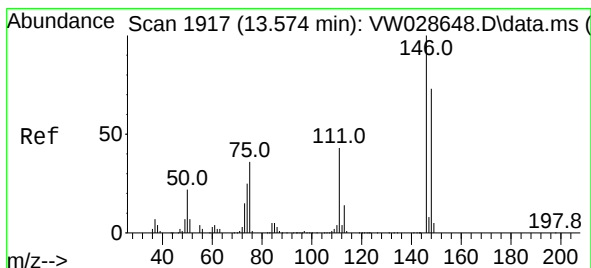
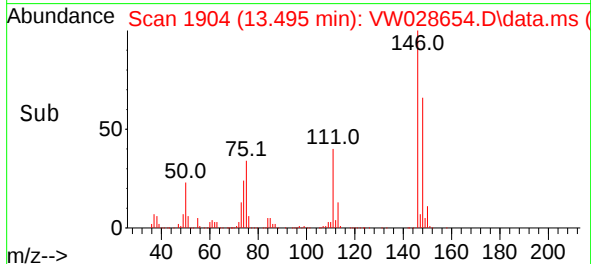
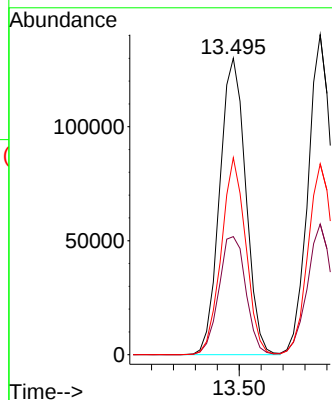
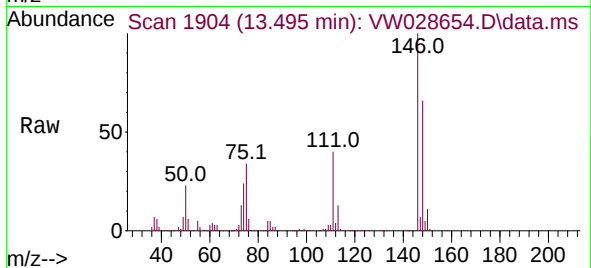
Tgt Ion:146 Resp: 214683

Ion Ratio Lower Upper

146 100

111 39.8 30.7 57.1

148 66.5 47.0 87.2



#65

1,4-Dichlorobenzene

Concen: 26.363 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

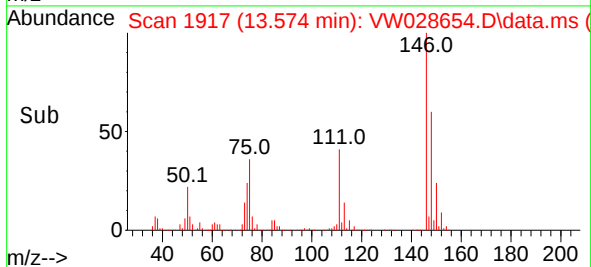
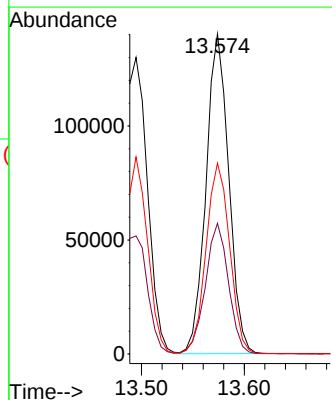
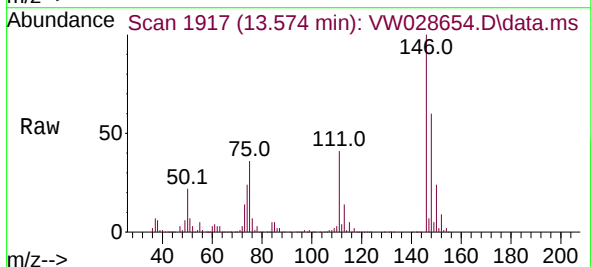
Tgt Ion:146 Resp: 215713

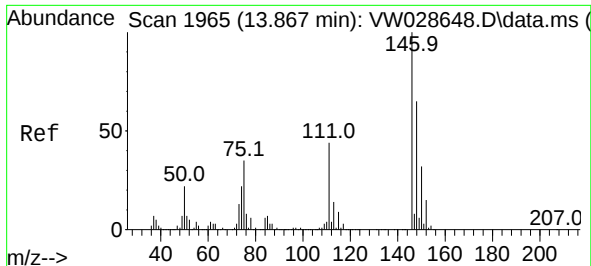
Ion Ratio Lower Upper

146 100

111 40.9 29.1 54.1

148 59.6 41.2 76.6





#67

1,2-Dichlorobenzene

Concen: 26.965 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

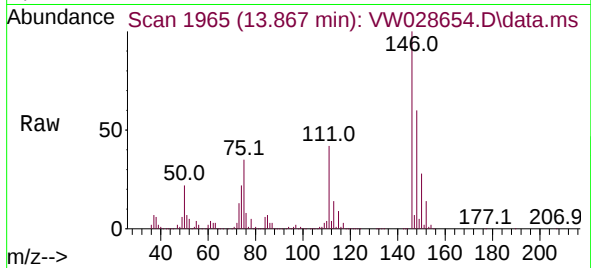
Lab File: VW028654.D

Acq: 20 May 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :



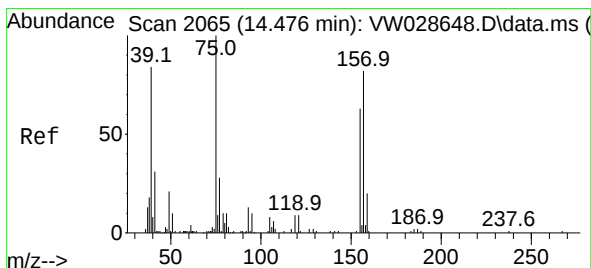
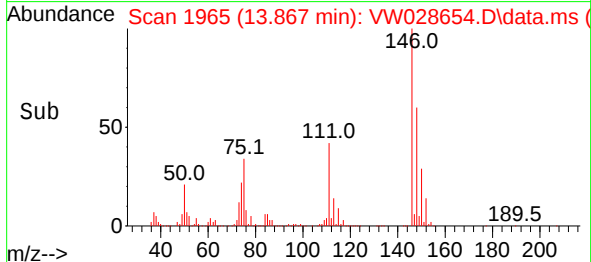
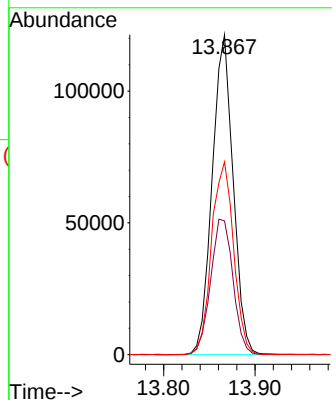
Tgt Ion:146 Resp: 193160

Ion Ratio Lower Upper

146 100

111 41.8 34.7 52.1

148 60.2 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 20.905 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

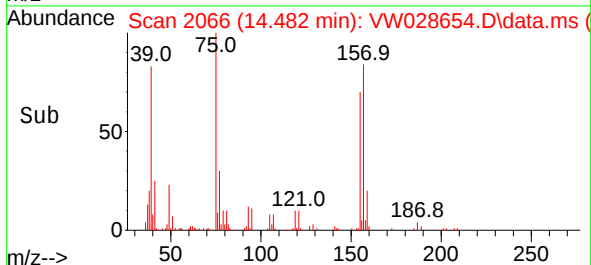
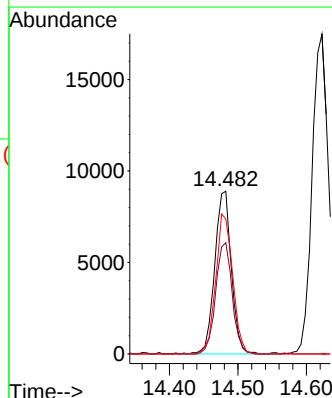
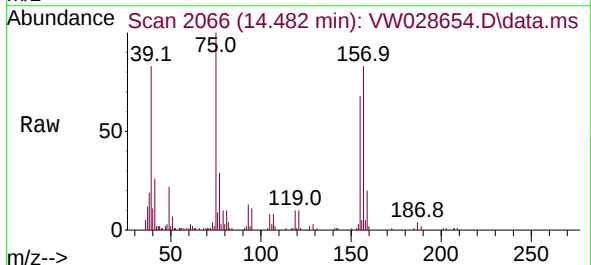
Tgt Ion: 75 Resp: 14979

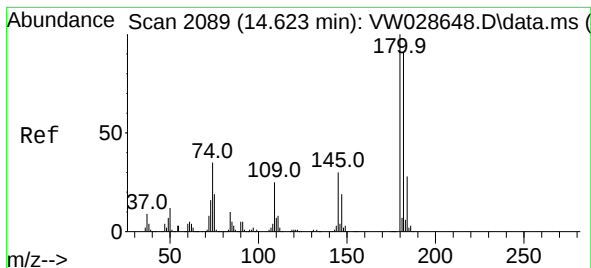
Ion Ratio Lower Upper

75 100

155 68.4 55.1 82.7

157 83.0 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 24.900 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 133726

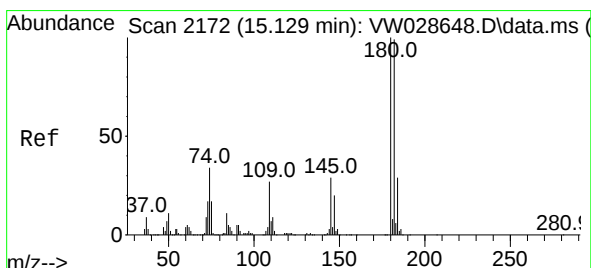
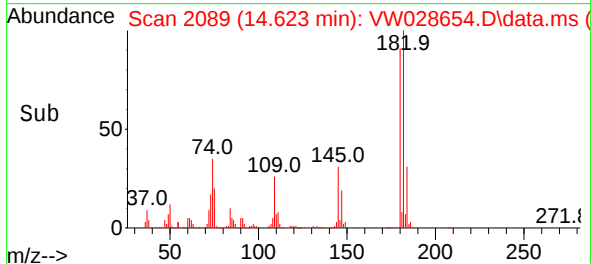
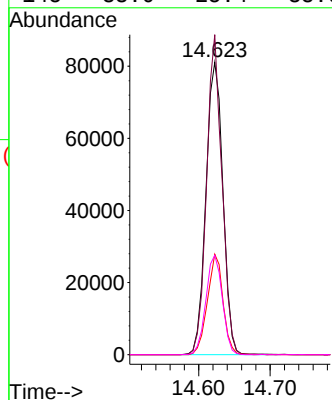
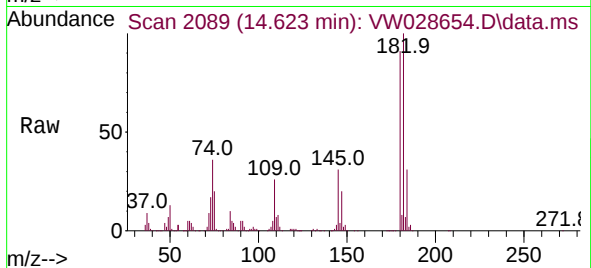
Ion Ratio Lower Upper

180 100

182 99.2 75.4 113.2

184 31.6 24.0 36.0

145 33.0 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 26.277 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

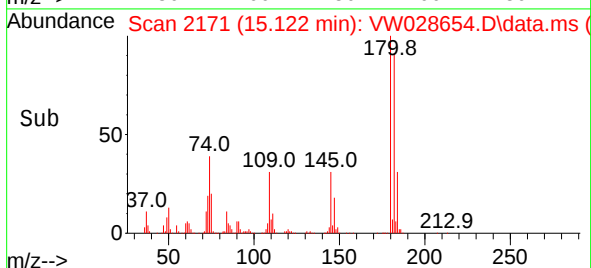
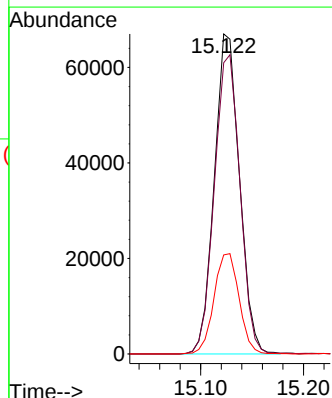
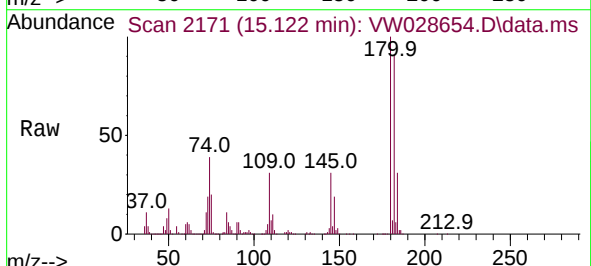
Tgt Ion:180 Resp: 114025

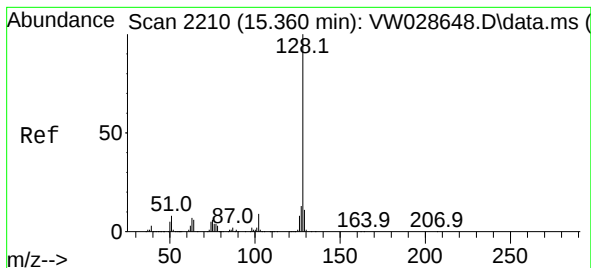
Ion Ratio Lower Upper

180 100

182 95.1 77.2 115.8

145 31.3 26.6 39.8





#71

Naphthalene

Concen: 24.539 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

Instrument :

MSVOA_W

ClientSampleId :

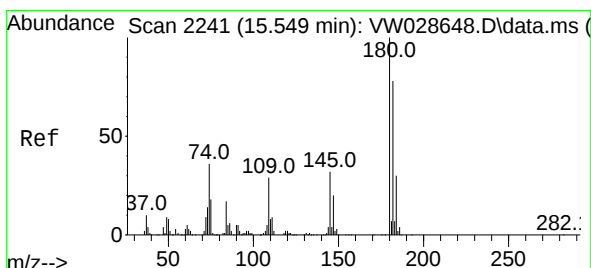
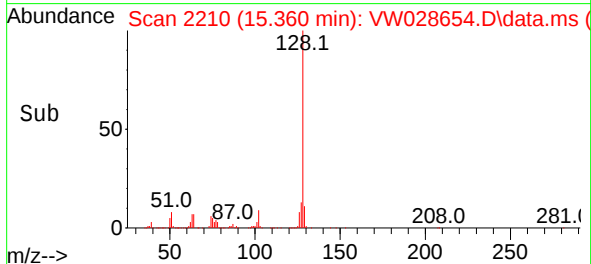
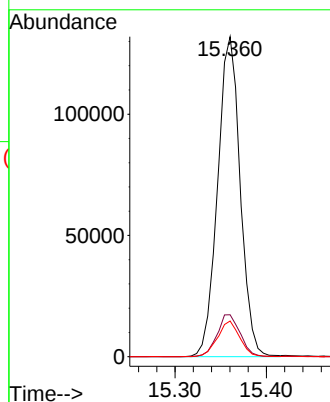
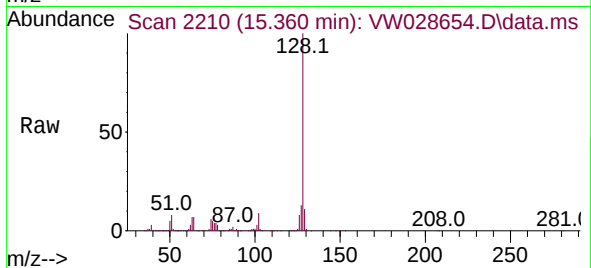
Tgt Ion:128 Resp: 226869

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.438 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028654.D

Acq: 20 May 2024 15:30

Tgt Ion:180 Resp: 99608

Ion Ratio Lower Upper

180 100

182 97.0 76.1 114.1

145 35.1 28.3 42.5

