

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
 Data File : VW030563.D
 Acq On : 11 Oct 2024 20:49
 Operator : SY/MD
 Sample : P4351-03MSD
 Misc : 4.66g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 14 01:46:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 14 01:34:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	82409	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.635	117	86362	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	41357	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	21058	16.257	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.040%
7) Chloroethane-d5	2.893	69	20902	21.317	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.280%
11) 1,1-Dichloroethene-d2	4.021	65	9373	17.397	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.600%
21) 2-Butanone-d5	7.087	46	17936	76.941	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.880%#
24) Chloroform-d	7.654	84	62058	26.332	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.320%
26) 1,2-Dichloroethane-d4	8.307	65	43281	35.317	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	141.280%#
32) Benzene-d6	8.276	84	104403	20.829	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.320%
36) 1,2-Dichloropropane-d6	9.276	67	39076	26.561	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.240%
41) Toluene-d8	10.325	98	91755	20.052	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	10.581	79	16408	26.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.520%
47) 2-Hexanone-d5	10.928	63	12202	64.394	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	38377	35.520	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	142.080%#
66) 1,2-Dichlorobenzene-d4	13.848	152	34678	24.782	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	9669	9.183	ug/L	95
3) Chloromethane	2.222	50	13755	11.240	ug/L	98
5) Vinyl chloride	2.369	62	12538	8.331	ug/L	99
6) Bromomethane	2.796	94	12085	12.201	ug/L	99
8) Chloroethane	2.930	64	11362	12.351	ug/L	93
9) Trichlorofluoromethane	3.271	101	18197	13.514	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	11549	9.533	ug/L #	85
12) 1,1-Dichloroethene	4.045	96	9884	8.940	ug/L #	63
13) Acetone	4.125	43	17022	49.876	ug/L	70
14) Carbon disulfide	4.393	76	30874	8.551	ug/L #	91
15) Methyl Acetate	4.801	43	162	0.384	ug/L	94
16) Methylene chloride	4.923	84	23242	18.656	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	7254	6.080	ug/L	85
18) Methyl tert-butyl Ether	5.429	73	59646	35.722	ug/L	98
19) 1,1-Dichloroethane	6.228	63	34565	15.588	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	20453	16.073	ug/L	94
22) 2-Butanone	7.179	43	19542	53.121	ug/L	100
23) Bromochloromethane	7.520	128	12004	21.563	ug/L #	79
25) Chloroform	7.679	83	41350	17.450	ug/L	97

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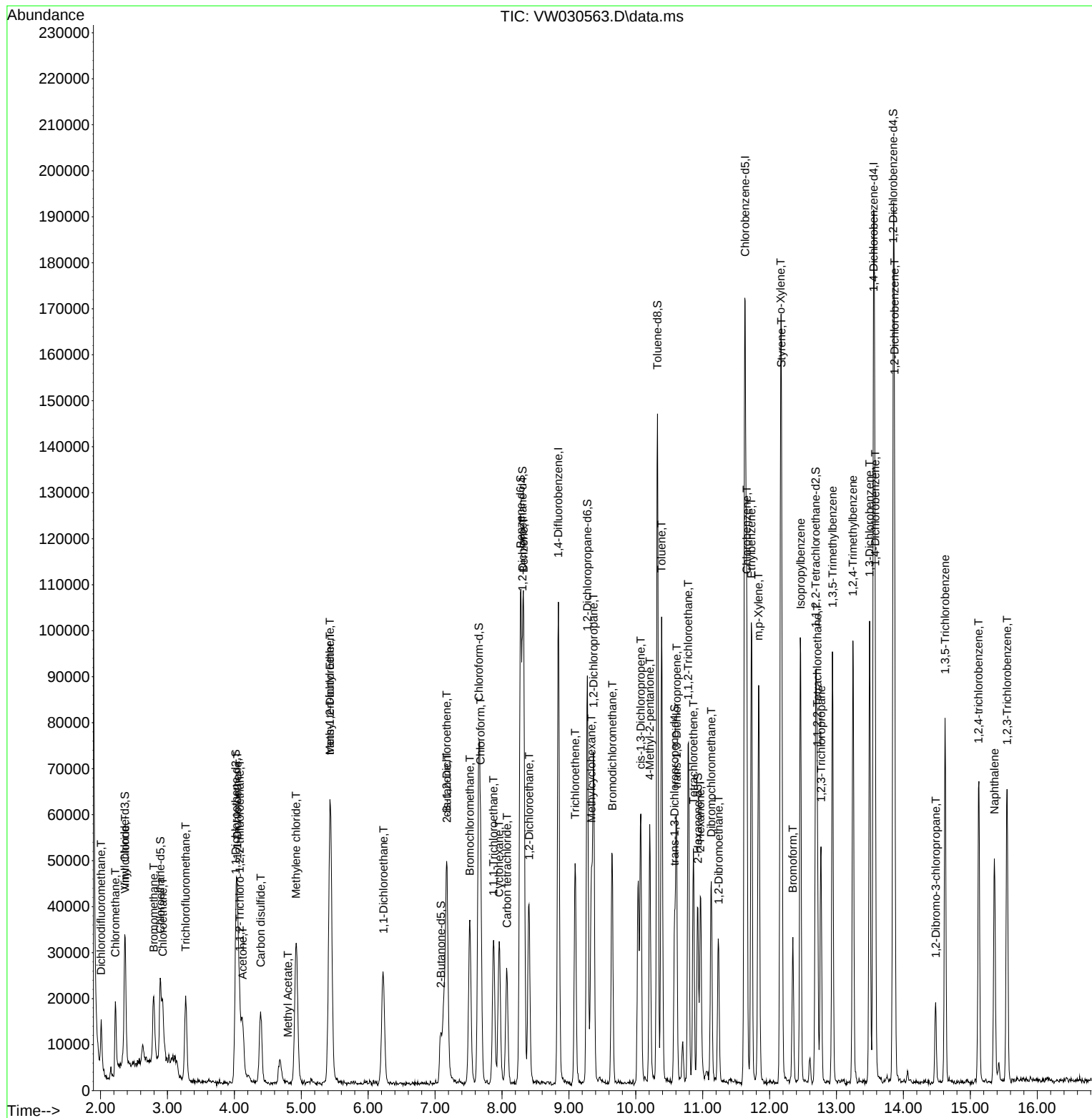
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	36978	23.654	ug/L	99
29) Cyclohexane	7.959	56	14426	6.862	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	23839	10.398	ug/L	96
31) Carbon tetrachloride	8.075	117	17656	8.623	ug/L	96
33) Benzene	8.325	78	71541	12.730	ug/L	100
34) Trichloroethene	9.093	95	16187	10.353	ug/L	88
35) Methylcyclohexane	9.337	83	15504	6.301	ug/L	99
37) 1,2-Dichloropropane	9.368	63	24268	17.289	ug/L	100
38) Bromodichloromethane	9.648	83	32604	17.459	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	33253	15.706	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	34714	51.480	ug/L	97
42) Toluene	10.386	91	70664	11.786	ug/L	100
44) trans-1,3-Dichloropropene	10.611	75	30962	17.403	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	22455	22.135	ug/L	95
46) Tetrachloroethene	10.861	164	10488	9.095	ug/L	90
48) 2-Hexanone	10.965	43	28934	52.470	ug/L	89
49) Dibromochloromethane	11.129	129	21334	18.848	ug/L	95
50) 1,2-Dibromoethane	11.239	107	20729	21.899	ug/L	100
51) Chlorobenzene	11.660	112	52365	13.567	ug/L	98
52) Ethylbenzene	11.727	91	68515	10.015	ug/L	100
53) m,p-Xylene	11.837	106	26329	10.272	ug/L	95
54) o-Xylene	12.166	106	28016	11.823	ug/L	100
55) Styrene	12.178	104	51348	12.676	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	27240	23.812	ug/L	98
59) Bromoform	12.349	173	12517	21.542	ug/L	100
60) Isopropylbenzene	12.465	105	58776	9.177	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	19714	24.497	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	48804	9.659	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	50498	10.207	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	36938	13.250	ug/L	93
65) 1,4-Dichlorobenzene	13.580	146	38366	13.328	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	38597	15.734	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	4285	23.880	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	21757	11.835	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	19584	13.233	ug/L	97
71) Naphthalene	15.360	128	40435	15.814	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	19618	15.291	ug/L	97

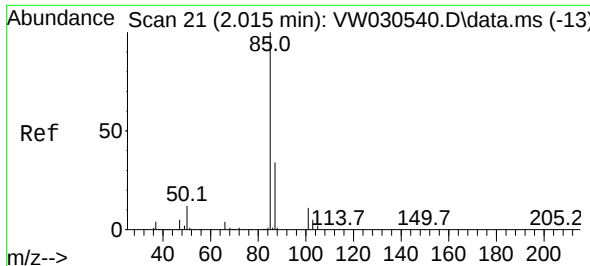
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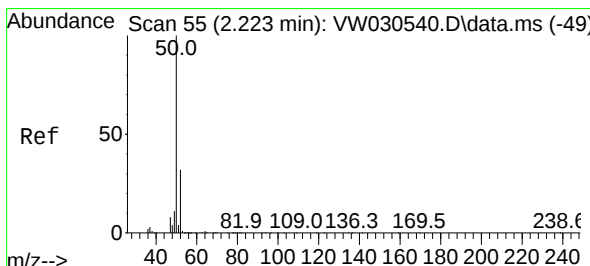
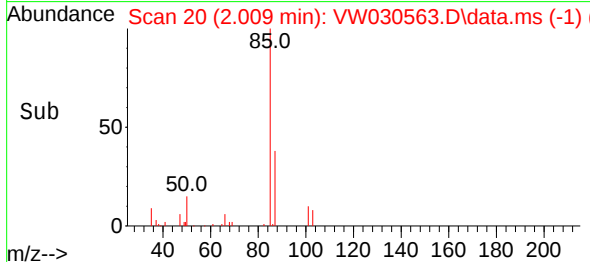
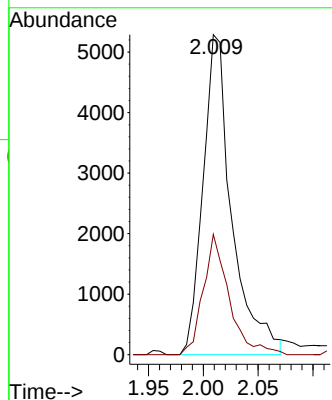
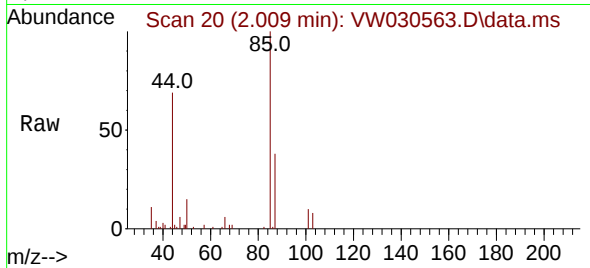




#2
Dichlorodifluoromethane
Concen: 9.183 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW030563.D
Acq: 11 Oct 2024 20:49

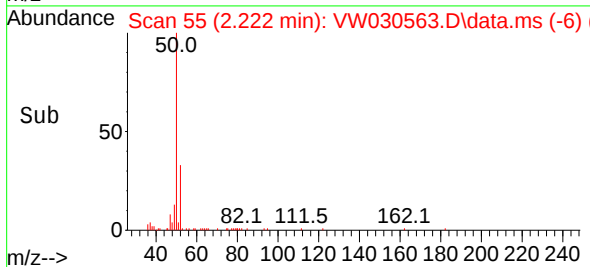
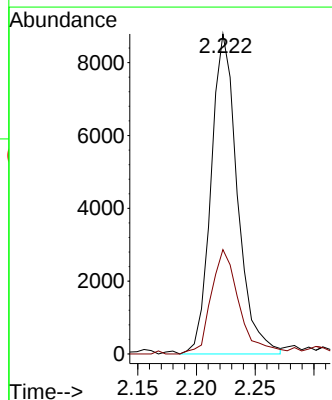
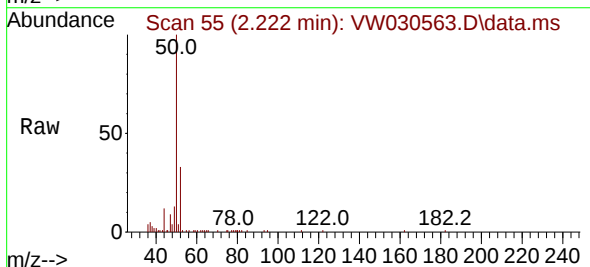
Instrument :
MSVOA_W
ClientSampleId :

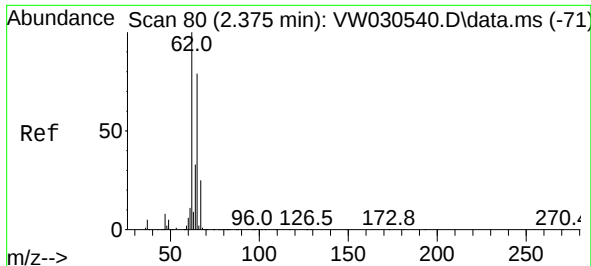
Tgt Ion: 85 Resp: 9669
Ion Ratio Lower Upper
85 100
87 32.3 23.8 35.6



#3
Chloromethane
Concen: 11.240 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW030563.D
Acq: 11 Oct 2024 20:49

Tgt Ion: 50 Resp: 13755
Ion Ratio Lower Upper
50 100
52 32.6 23.7 43.9

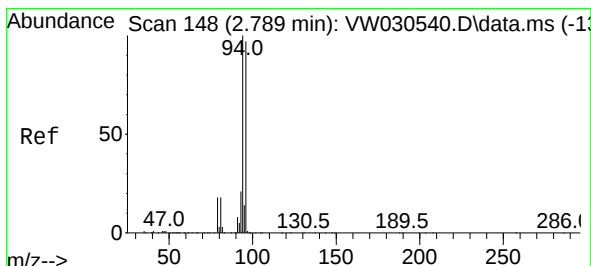
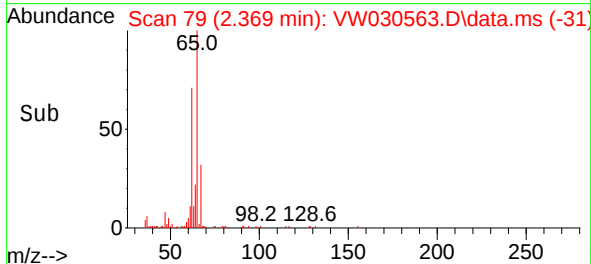
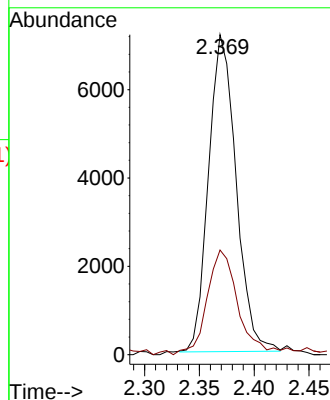
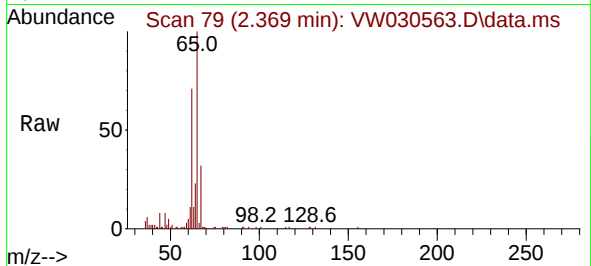




#5
 Vinyl chloride
 Concen: 8.331 ug/L
 RT: 2.369 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW030563.D
 Acq: 11 Oct 2024 20:49

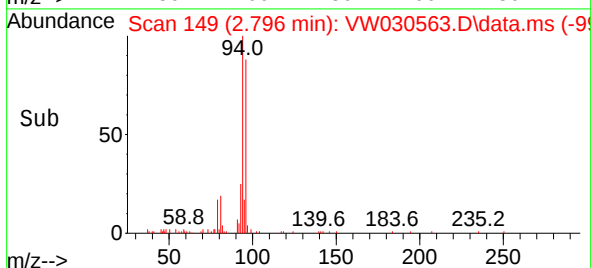
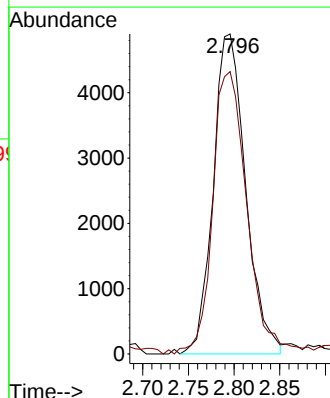
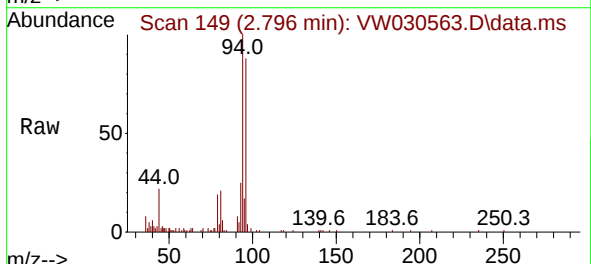
Instrument :
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 ClientSampleId :

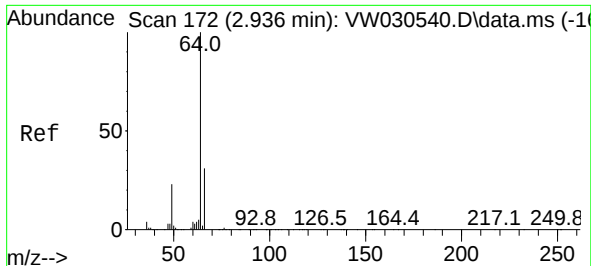
Tgt Ion: 62 Resp: 12538
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.6 42.0



#6
 Bromomethane
 Concen: 12.201 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW030563.D
 Acq: 11 Oct 2024 20:49

Tgt Ion: 94 Resp: 12085
 Ion Ratio Lower Upper
 94 100
 96 88.3 62.6 116.2

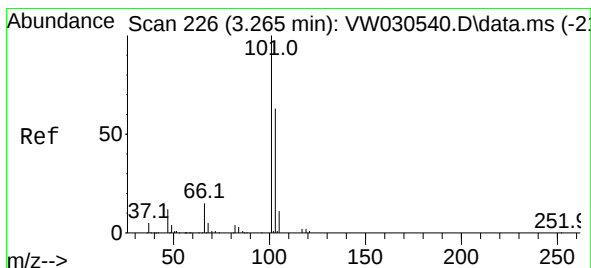
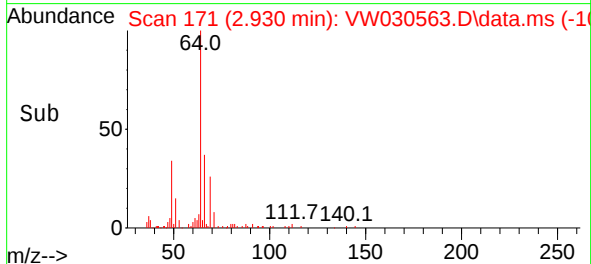
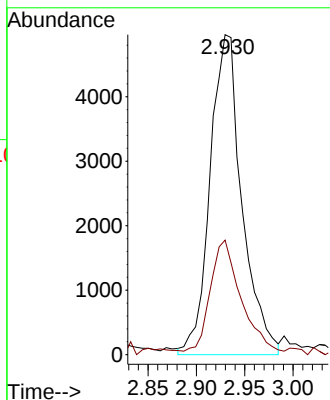
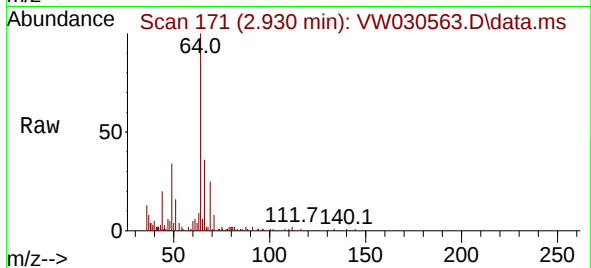




#8
Chloroethane
Concen: 12.351 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030563.D
Acq: 11 Oct 2024 20:49

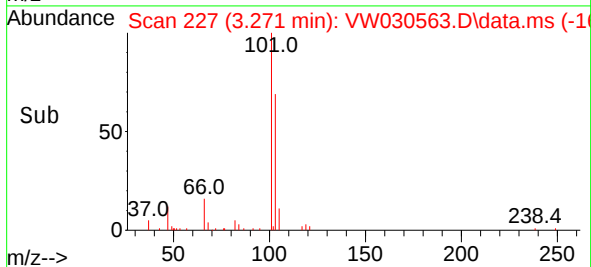
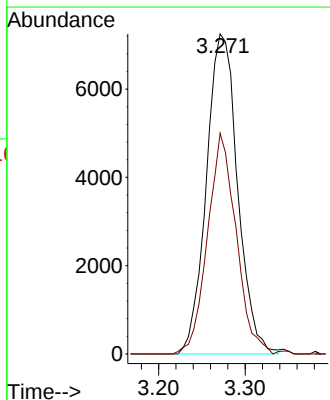
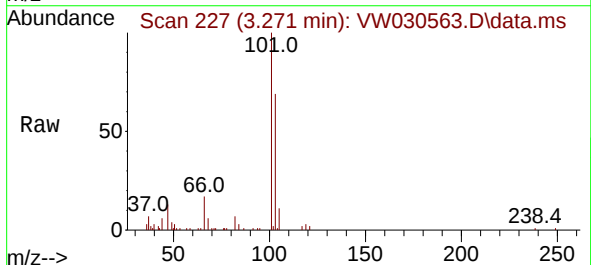
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MSVOA_W
ClientSampleId :

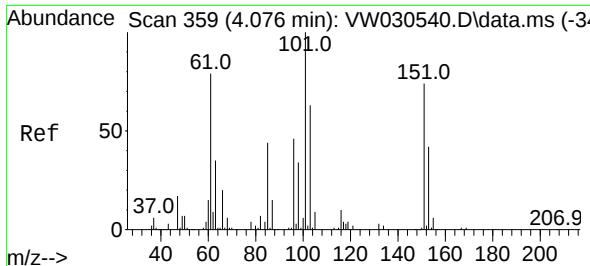
Tgt Ion: 64 Resp: 11362
Ion Ratio Lower Upper
64 100
66 35.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 13.514 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW030563.D
Acq: 11 Oct 2024 20:49

Tgt Ion:101 Resp: 18197
Ion Ratio Lower Upper
101 100
103 63.0 51.1 76.7





#10

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

Concen: 9.533 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

Instrument :

MSVOA_W

ClientSampleId :

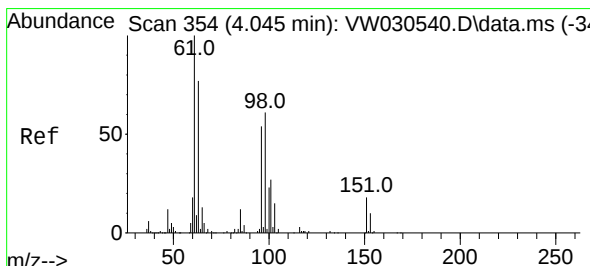
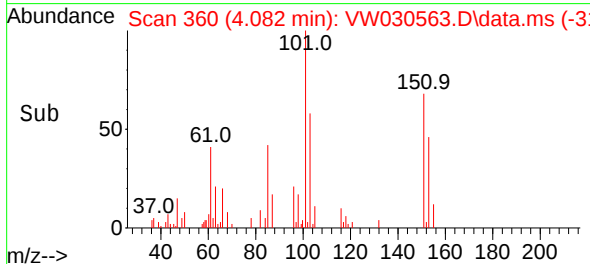
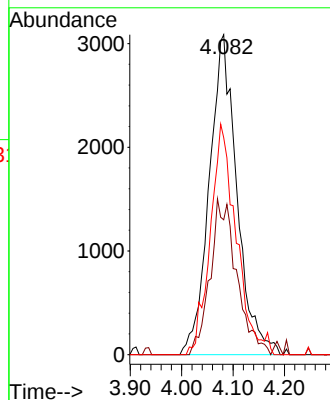
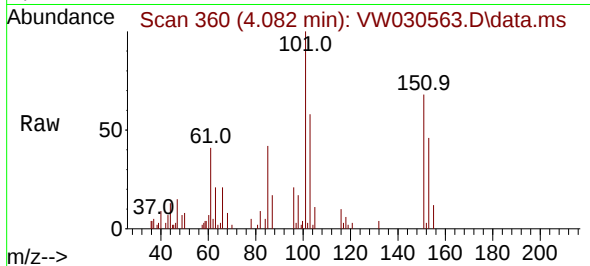
Tgt Ion:101 Resp: 11549

Ion Ratio Lower Upper

101 100

85 24.9 35.7 53.5#

151 66.4 56.1 84.1



#12

1,1-Dichloroethene

Concen: 8.940 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

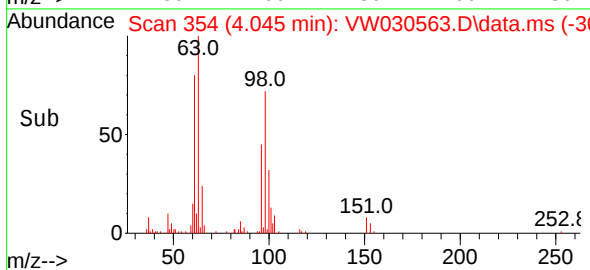
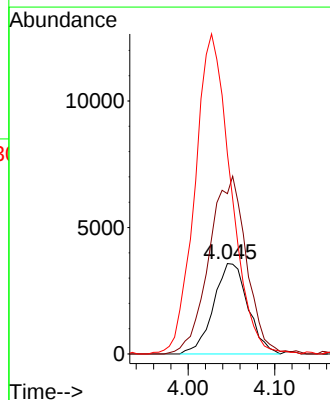
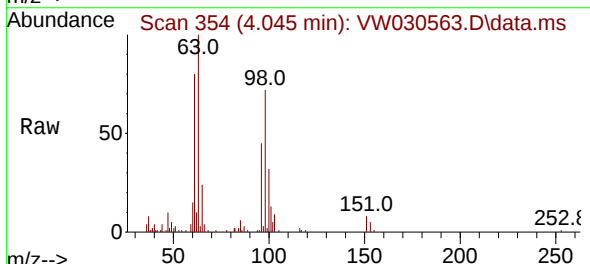
Tgt Ion: 96 Resp: 9884

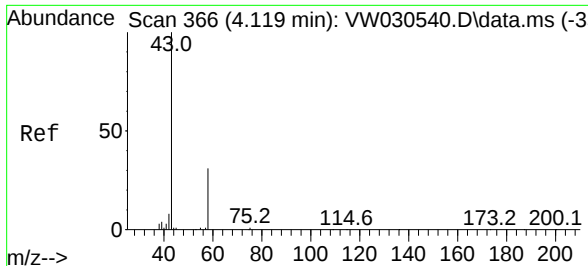
Ion Ratio Lower Upper

96 100

61 177.2 121.3 225.3

63 221.3 87.6 162.8#

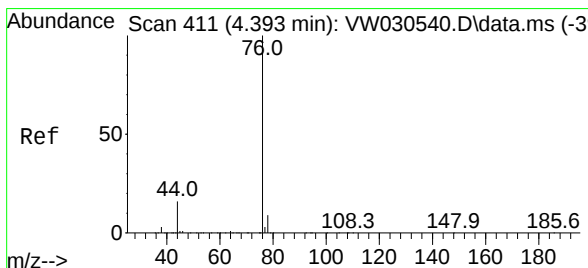
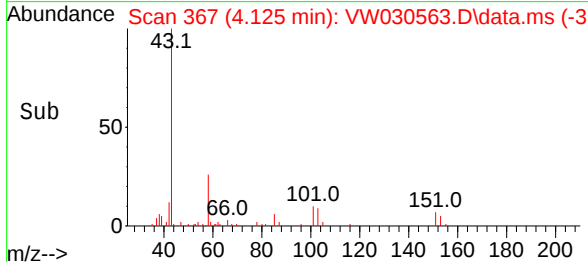
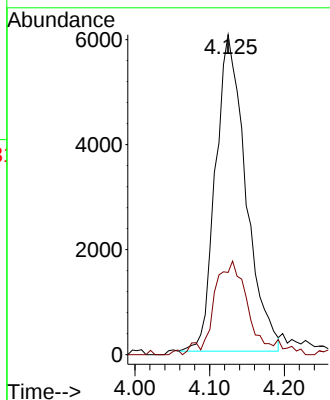
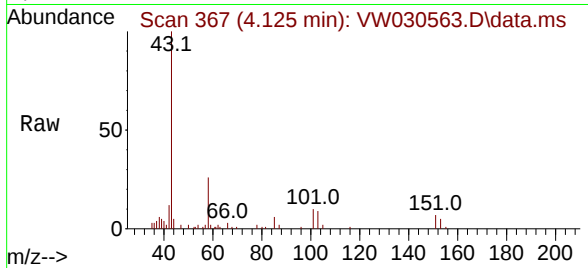




#13
Acetone
Concen: 49.876 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
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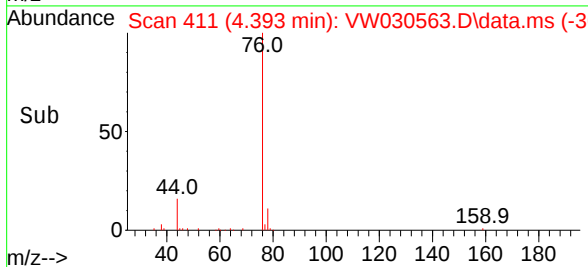
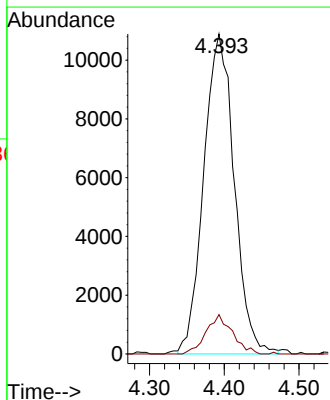
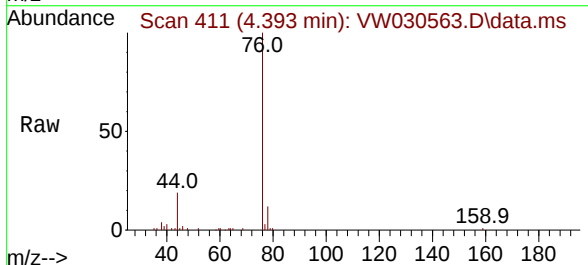
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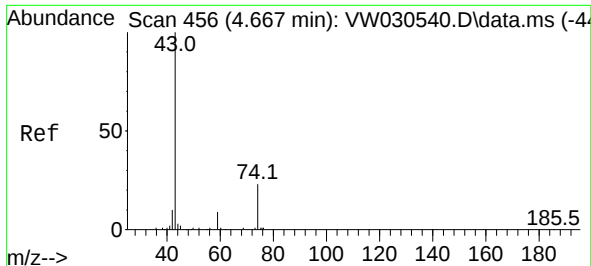
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Ion Ratio Lower Upper
43 100
58 13.1 0.0 57.6



#14
Carbon disulfide
Concen: 8.551 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 30874
Ion Ratio Lower Upper
76 100
78 12.3 7.1 10.7#





#15

Methyl Acetate

Concen: 0.384 ug/L

RT: 4.801 min Scan# 4

Delta R.T. 0.134 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

Instrument :

MSVOA_W

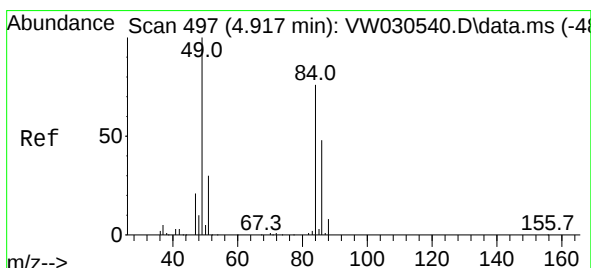
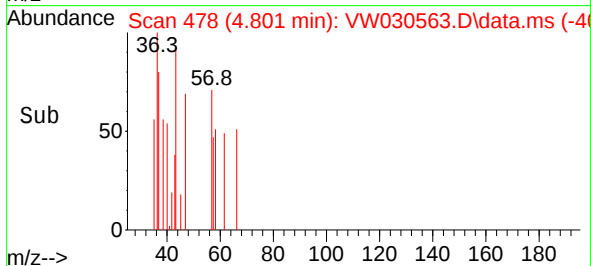
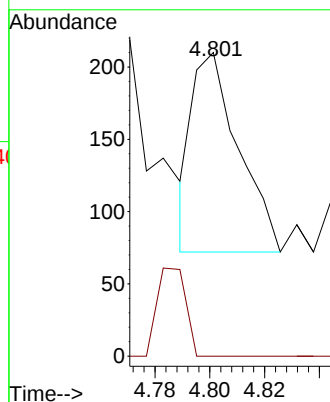
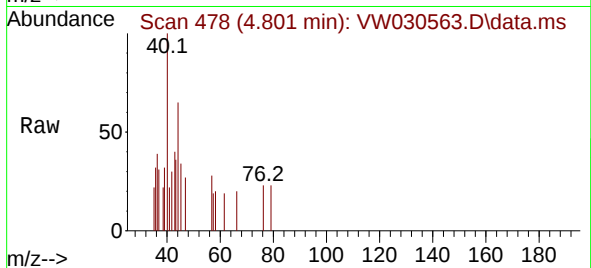
ClientSampleId :

Tgt Ion: 43 Resp: 162

Ion Ratio Lower Upper

43 100

74 27.2 19.3 28.9



#16

Methylene chloride

Concen: 18.656 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

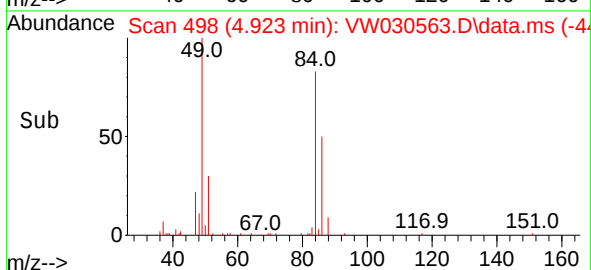
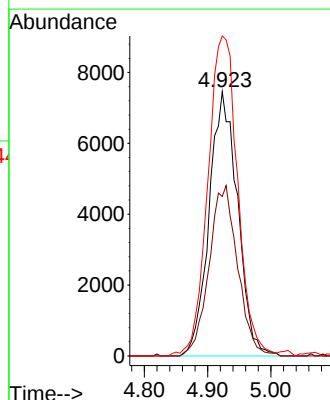
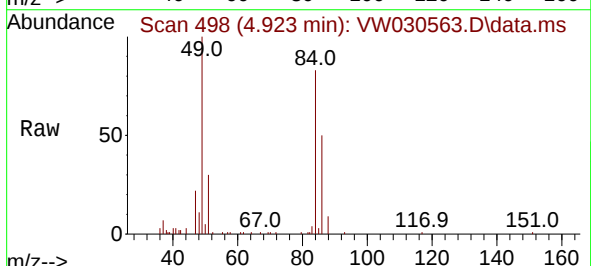
Tgt Ion: 84 Resp: 23242

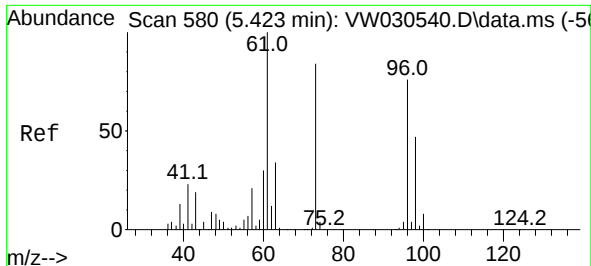
Ion Ratio Lower Upper

84 100

86 60.4 43.8 81.3

49 121.1 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 6.080 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

Instrument :

MSVOA_W

ClientSampleId :

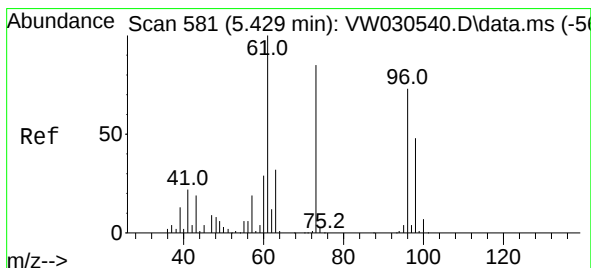
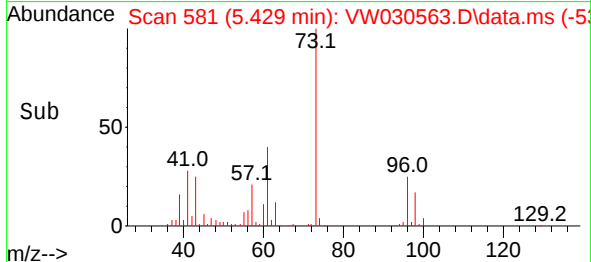
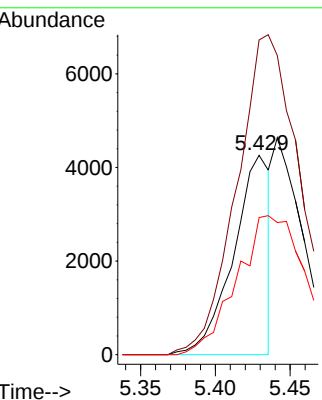
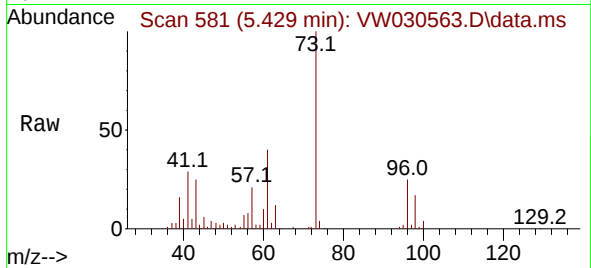
Tgt Ion: 96 Resp: 7254

Ion Ratio Lower Upper

96 100

61 157.8 96.9 179.9

98 68.7 42.2 78.4



#18

Methyl tert-butyl Ether

Concen: 35.722 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

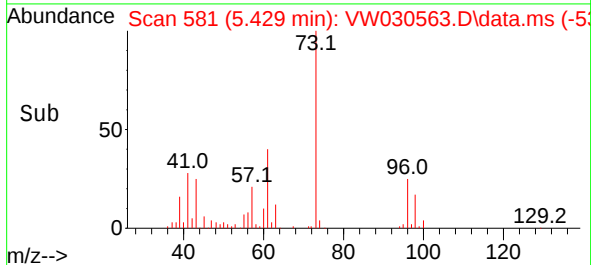
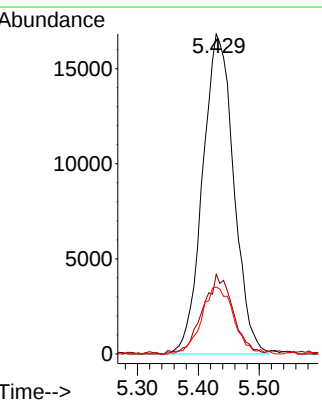
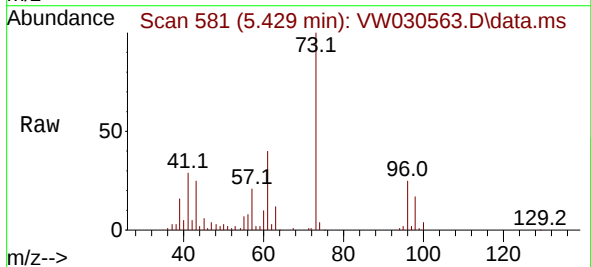
Tgt Ion: 73 Resp: 59646

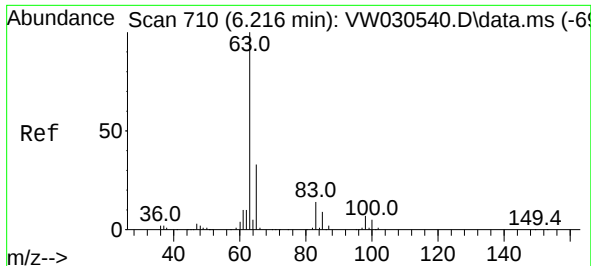
Ion Ratio Lower Upper

73 100

43 23.6 18.1 27.1

57 20.8 17.7 26.5

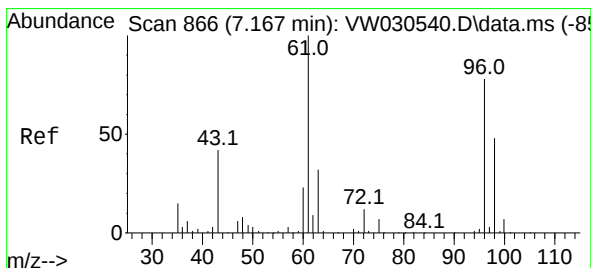
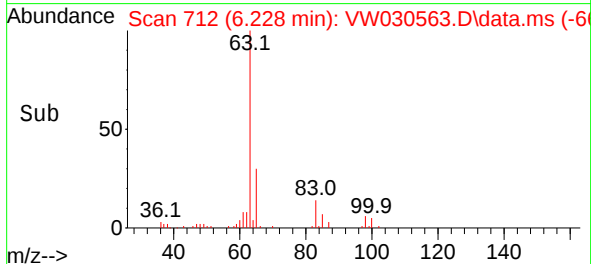
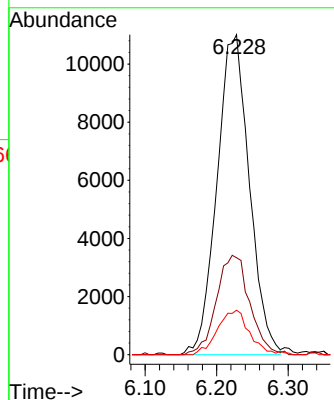
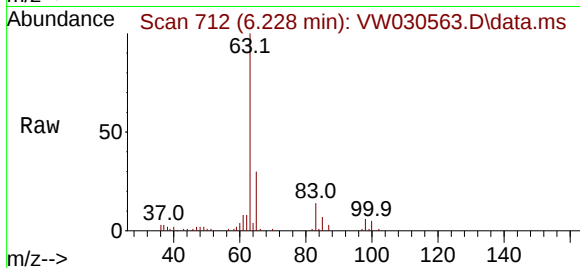




#19
1,1-Dichloroethane
Concen: 15.588 ug/L
RT: 6.228 min Scan# 710
Delta R.T. 0.012 min
Lab File: VW030563.D
Acq: 11 Oct 2024 20:49

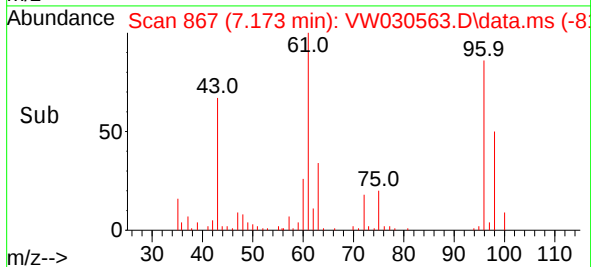
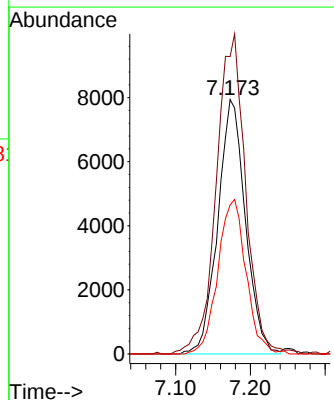
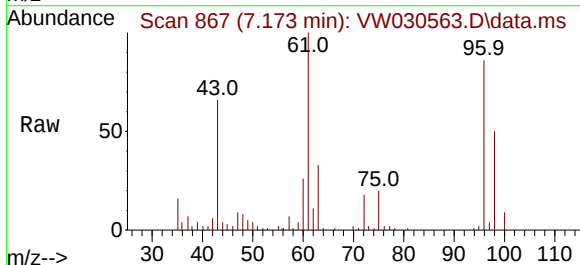
Instrument :
MSVOA_W
ClientSampleId :

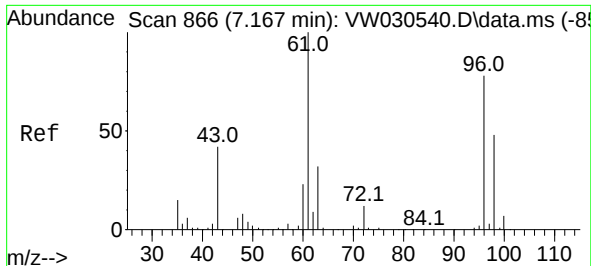
Tgt Ion: 63 Resp: 34565
Ion Ratio Lower Upper
63 100
65 30.3 22.5 41.9
83 13.9 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 16.073 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030563.D
Acq: 11 Oct 2024 20:49

Tgt Ion: 96 Resp: 20453
Ion Ratio Lower Upper
96 100
61 116.9 88.3 163.9
98 58.6 41.3 76.7





#22

2-Butanone

Concen: 53.121 ug/L

RT: 7.179 min Scan# 867

Delta R.T. 0.012 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

Instrument :

MSVOA_W

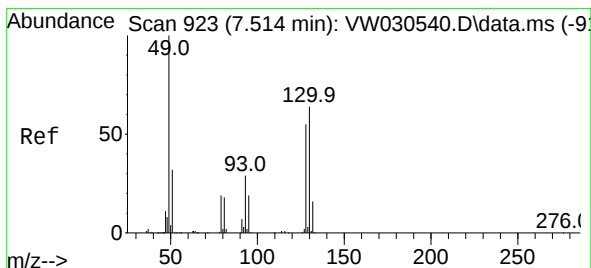
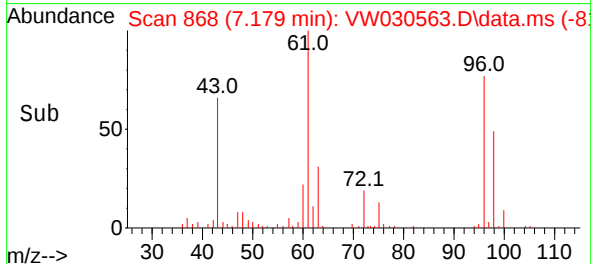
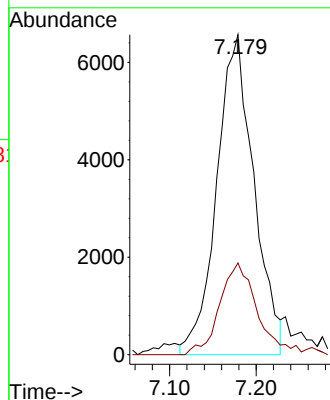
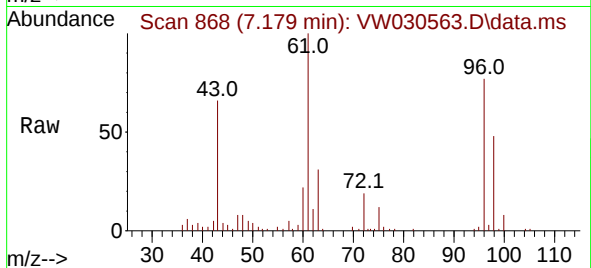
ClientSampleId :

Tgt Ion: 43 Resp: 19542

Ion Ratio Lower Upper

43 100

72 28.9 14.4 43.0



#23

Bromochloromethane

Concen: 21.563 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

Tgt Ion: 128 Resp: 12004

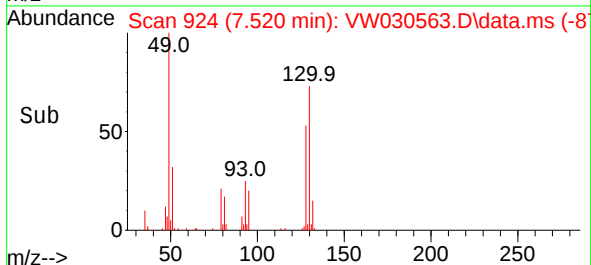
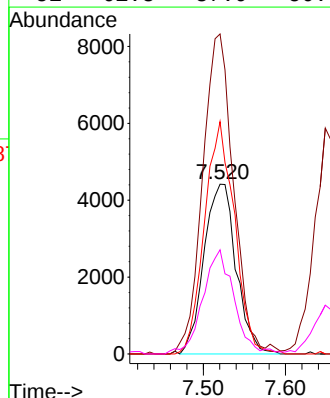
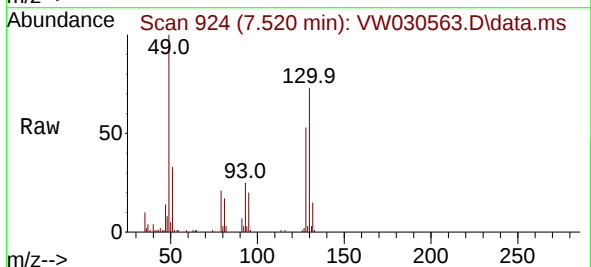
Ion Ratio Lower Upper

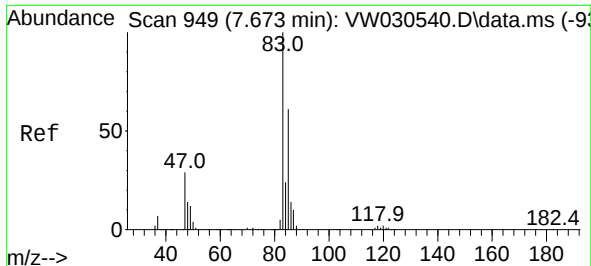
128 100

49 188.4 110.1 204.5

130 136.8 82.9 153.9

51 61.3 37.9 56.9#





#25

Chloroform

Concen: 17.450 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

Instrument :

MSVOA_W

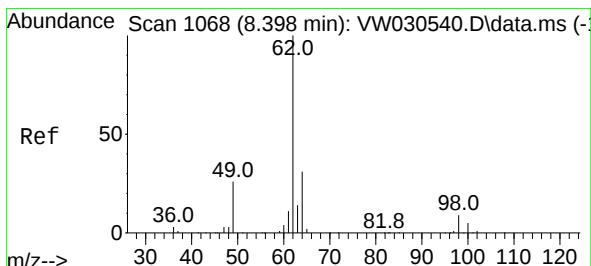
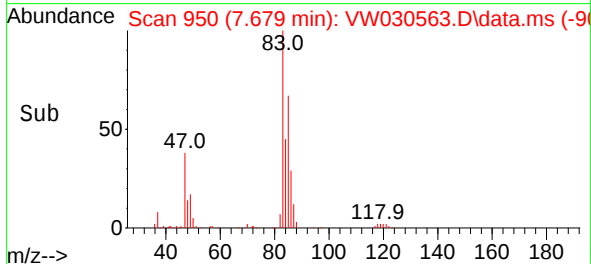
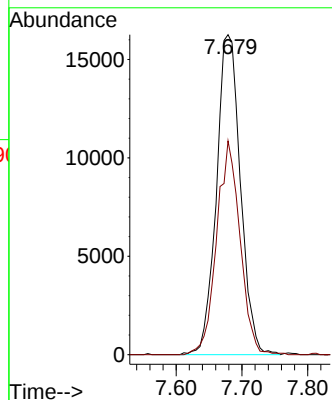
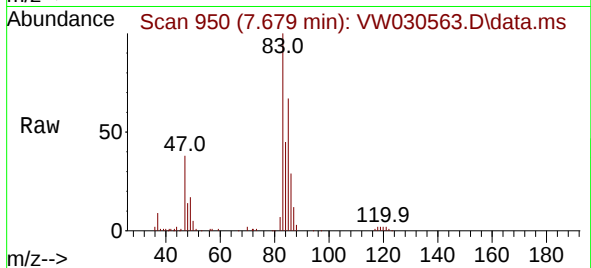
ClientSampleId :

Tgt Ion: 83 Resp: 41350

Ion Ratio Lower Upper

83 100

85 66.8 45.1 83.7



#27

1,2-Dichloroethane

Concen: 23.654 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW030563.D

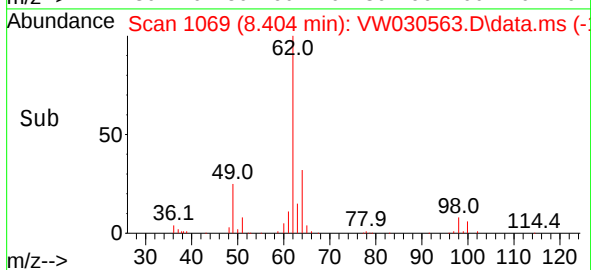
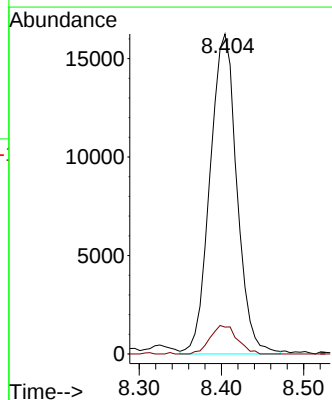
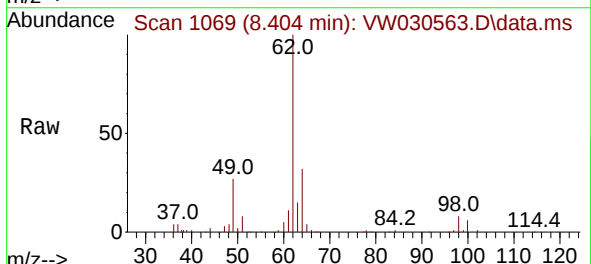
Acq: 11 Oct 2024 20:49

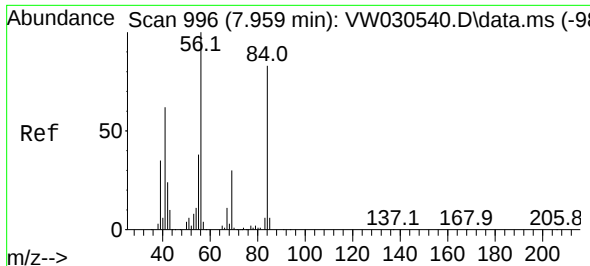
Tgt Ion: 62 Resp: 36978

Ion Ratio Lower Upper

62 100

98 8.4 7.0 10.6





#29

Cyclohexane

Concen: 6.862 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

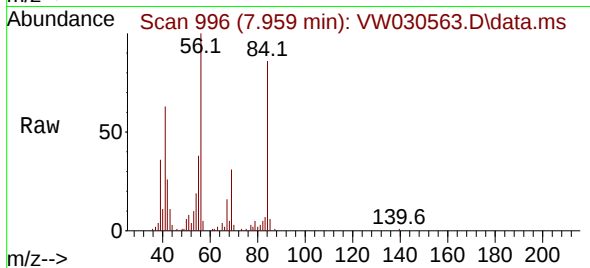
Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

Instrument :

MSVOA_W

ClientSampleId :



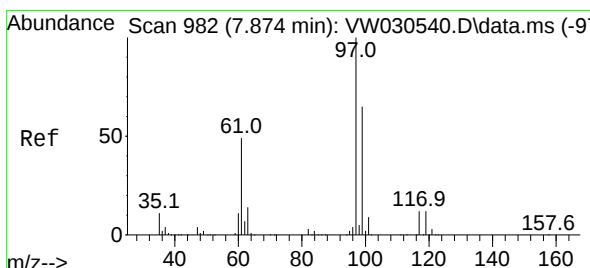
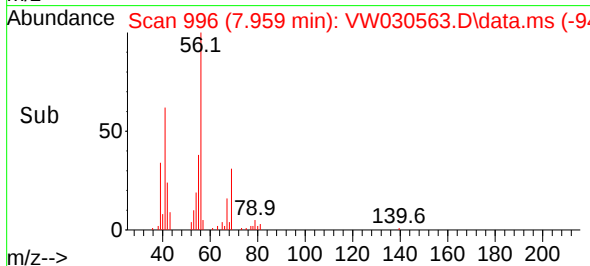
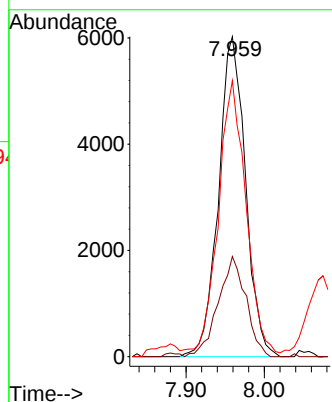
Tgt Ion: 56 Resp: 14426

Ion Ratio Lower Upper

56 100

69 32.1 25.4 38.0

84 88.7 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 10.398 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

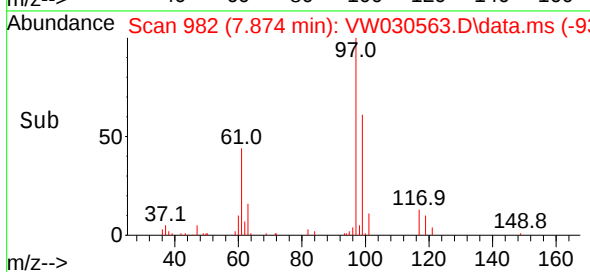
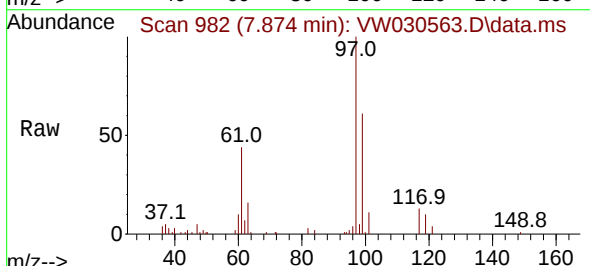
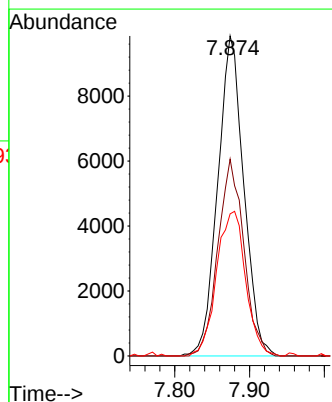
Tgt Ion: 97 Resp: 23839

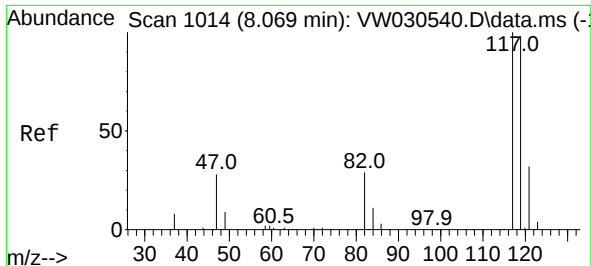
Ion Ratio Lower Upper

97 100

99 61.2 52.3 78.5

61 50.3 38.5 57.7

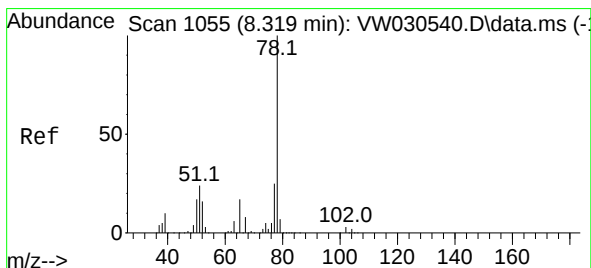
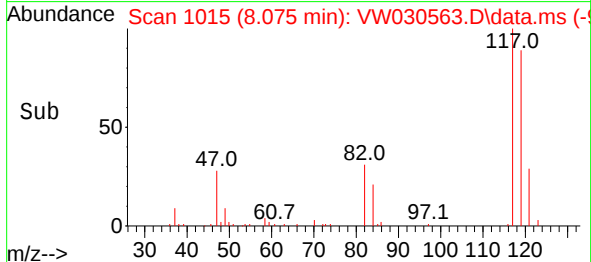
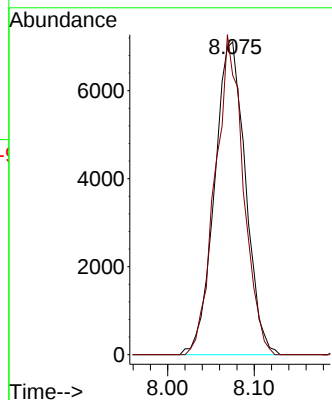
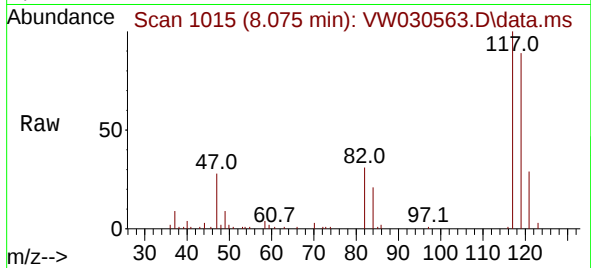




#31
Carbon tetrachloride
Concen: 8.623 ug/L
RT: 8.075 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW030563.D
Acq: 11 Oct 2024 20:49

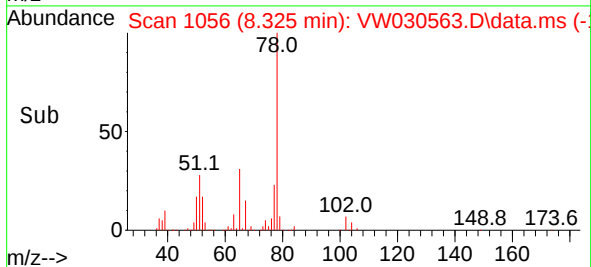
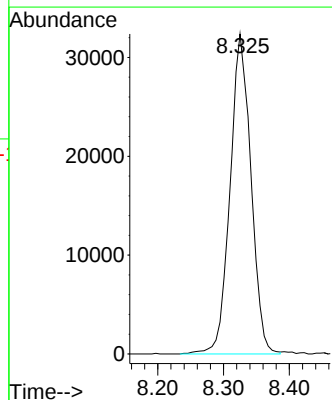
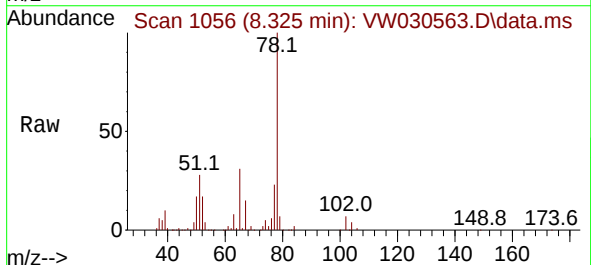
Instrument :
MSVOA_W
ClientSampleId :

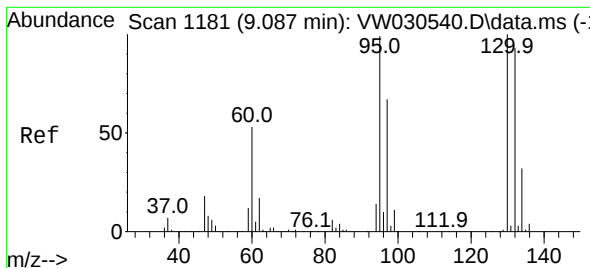
Tgt Ion:117 Resp: 17656
Ion Ratio Lower Upper
117 100
119 93.3 77.8 116.8



#33
Benzene
Concen: 12.730 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW030563.D
Acq: 11 Oct 2024 20:49

Tgt Ion: 78 Resp: 71541





#34

Trichloroethene

Concen: 10.353 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 16187

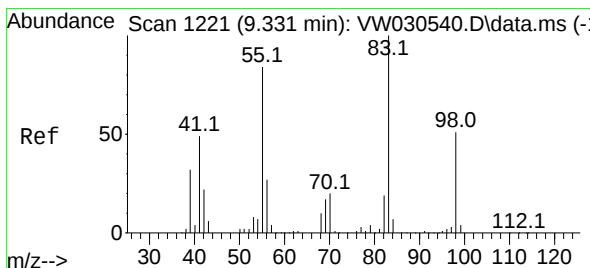
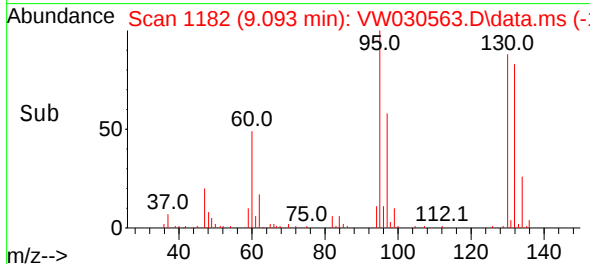
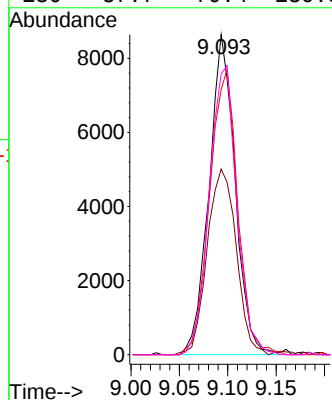
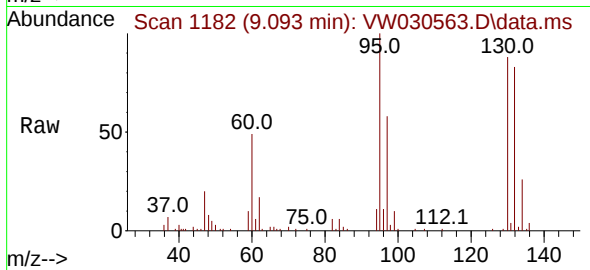
Ion Ratio Lower Upper

95 100

97 58.0 45.9 85.3

132 82.8 66.4 123.2

130 87.7 70.4 130.8



#35

Methylcyclohexane

Concen: 6.301 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

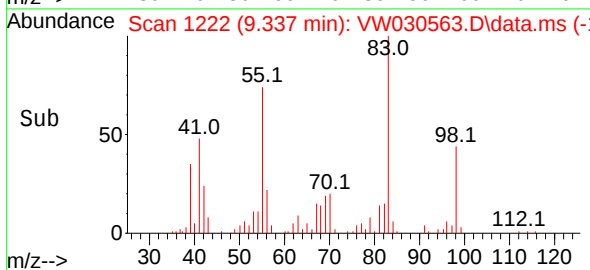
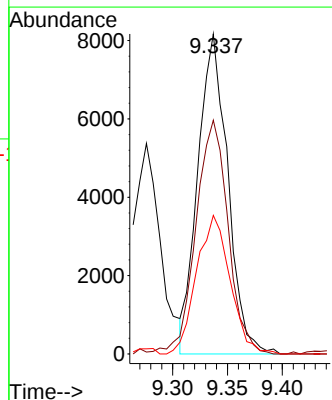
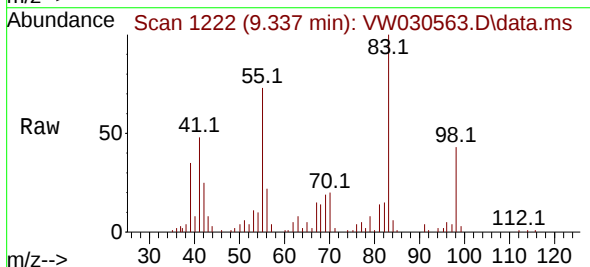
Tgt Ion: 83 Resp: 15504

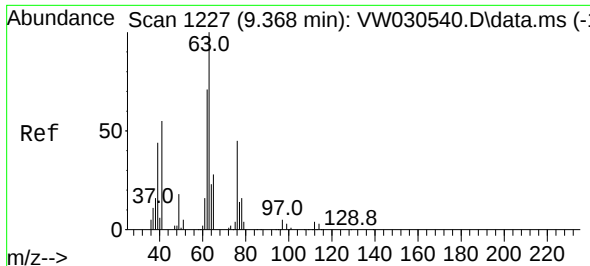
Ion Ratio Lower Upper

83 100

55 78.7 61.8 92.8

98 48.4 39.3 58.9





#37

1,2-Dichloropropane

Concen: 17.289 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

Instrument :

MSVOA_W

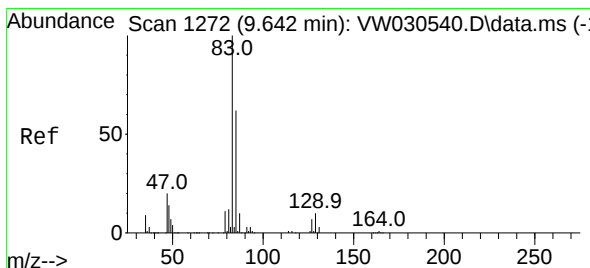
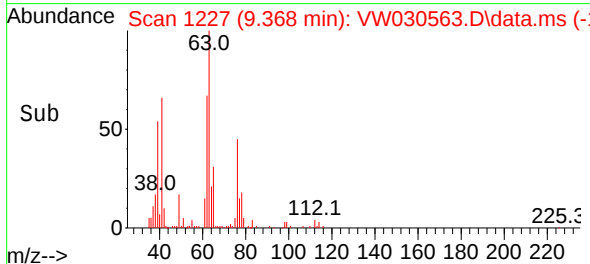
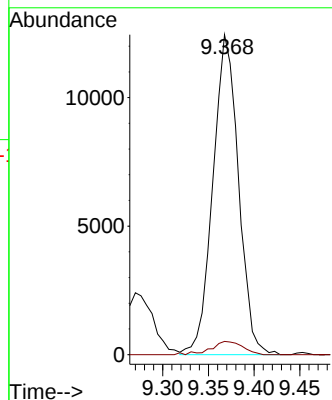
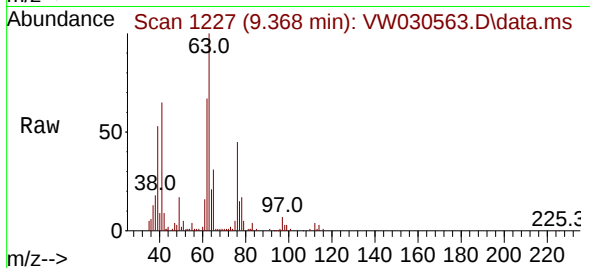
ClientSampleId :

Tgt Ion: 63 Resp: 24268

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5



#38

Bromodichloromethane

Concen: 17.459 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

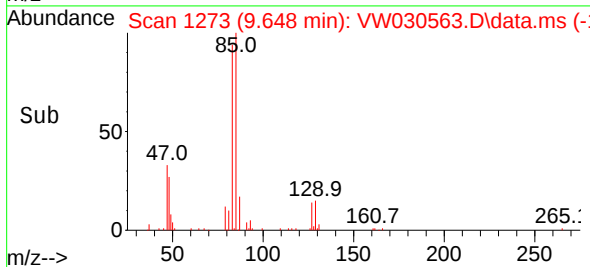
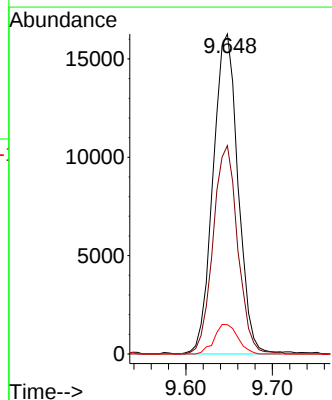
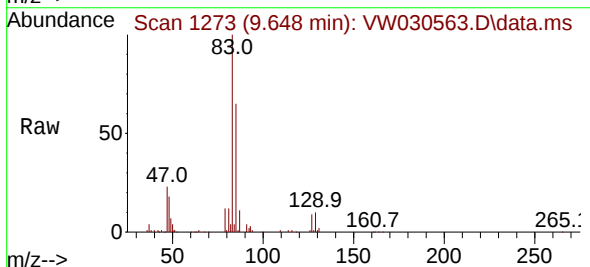
Tgt Ion: 83 Resp: 32604

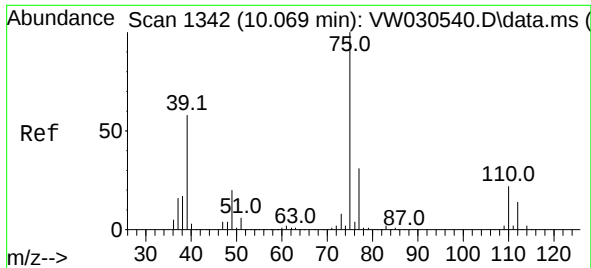
Ion Ratio Lower Upper

83 100

85 65.1 44.2 82.0

127 9.1 6.2 9.4

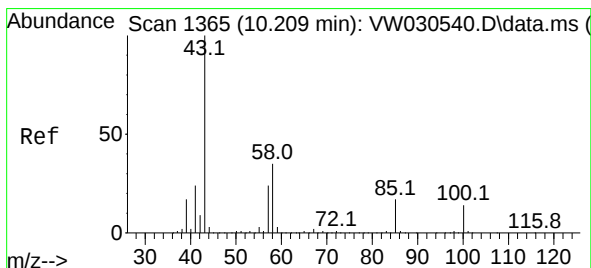
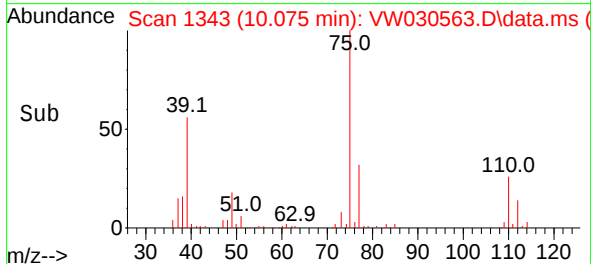
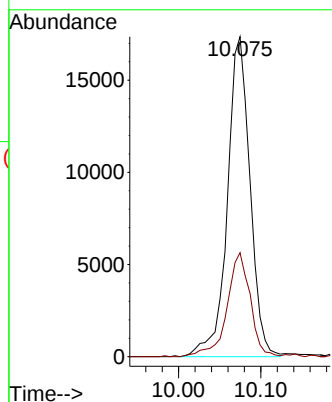
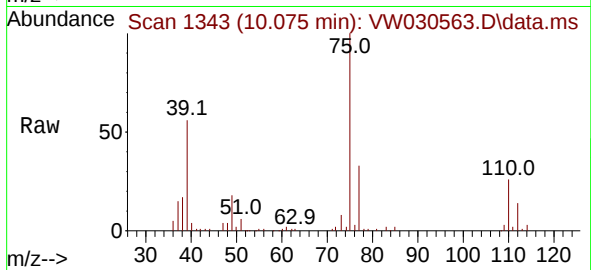




#39
cis-1,3-Dichloropropene
Concen: 15.706 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW030563.D
Acq: 11 Oct 2024 20:49

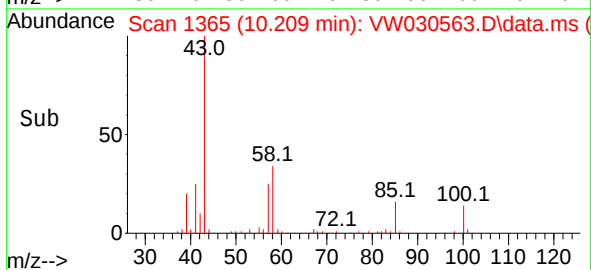
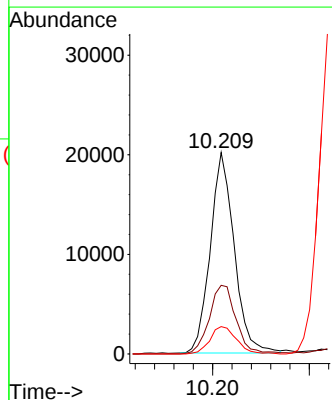
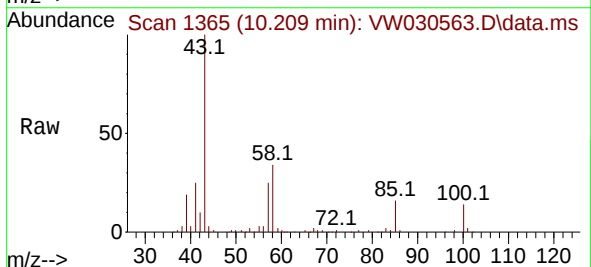
Instrument :
MSVOA_W
ClientSampleId :

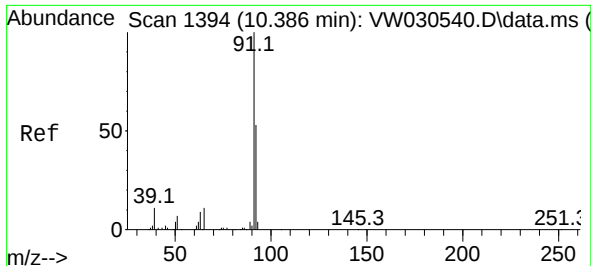
Tgt Ion: 75 Resp: 33253
Ion Ratio Lower Upper
75 100
77 32.5 21.1 39.1



#40
4-Methyl-2-pentanone
Concen: 51.480 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW030563.D
Acq: 11 Oct 2024 20:49

Tgt Ion: 43 Resp: 34714
Ion Ratio Lower Upper
43 100
58 37.5 31.4 47.2
100 14.9 13.1 19.7

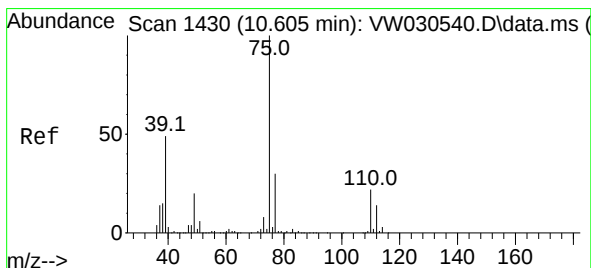
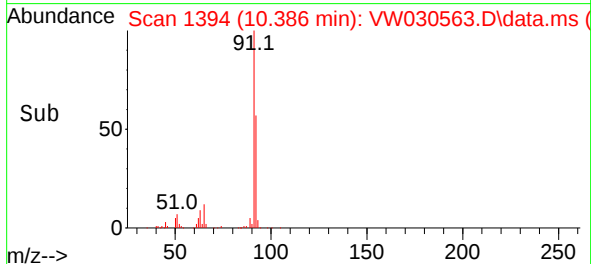
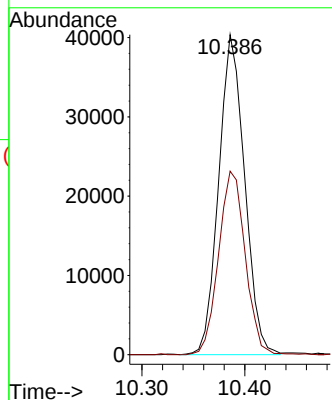
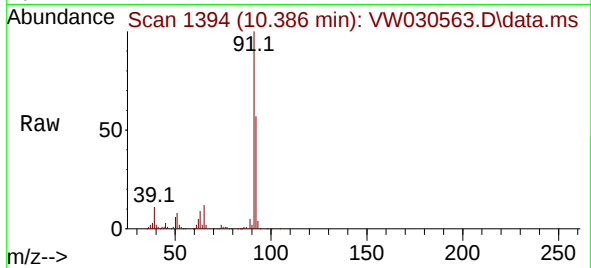




#42
Toluene
Concen: 11.786 ug/L
RT: 10.386 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW030563.D
Acq: 11 Oct 2024 20:49

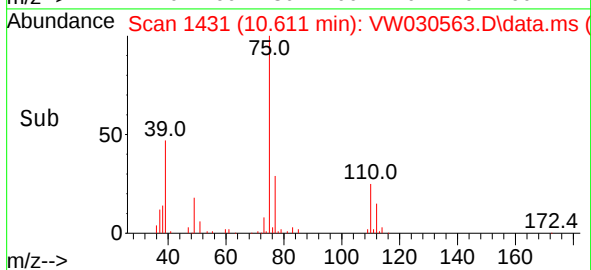
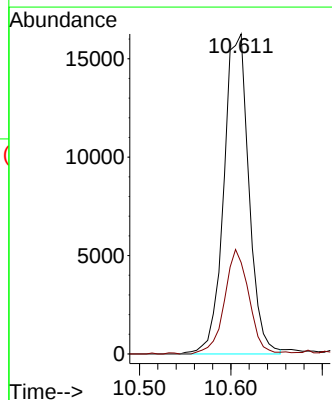
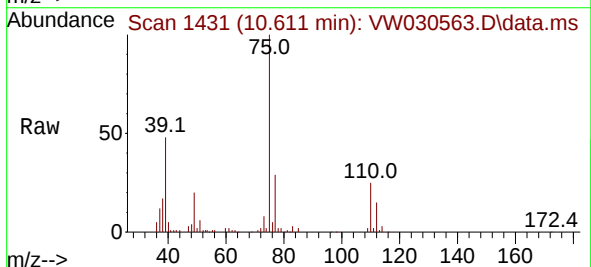
Instrument :
MSVOA_W
ClientSampleId :

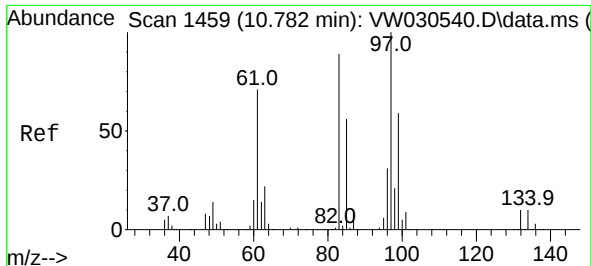
Tgt Ion: 91 Resp: 70664
Ion Ratio Lower Upper
91 100
92 57.4 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 17.403 ug/L
RT: 10.611 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VW030563.D
Acq: 11 Oct 2024 20:49

Tgt Ion: 75 Resp: 30962
Ion Ratio Lower Upper
75 100
77 28.5 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 22.135 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

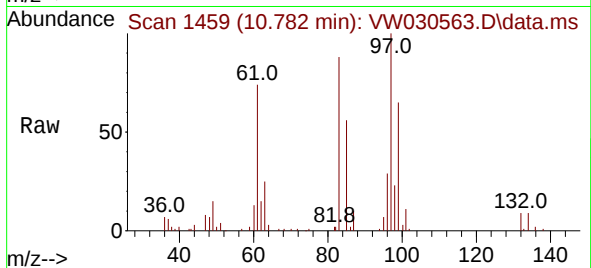
Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 22455

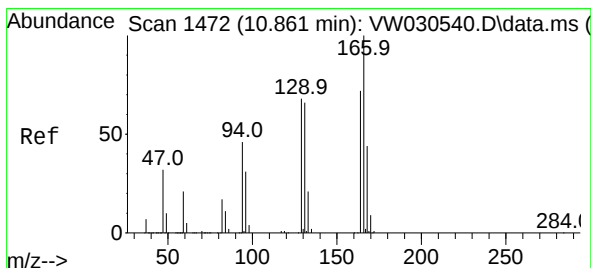
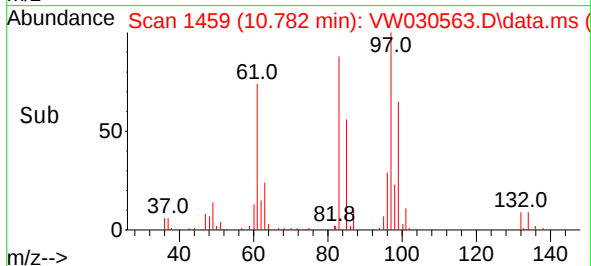
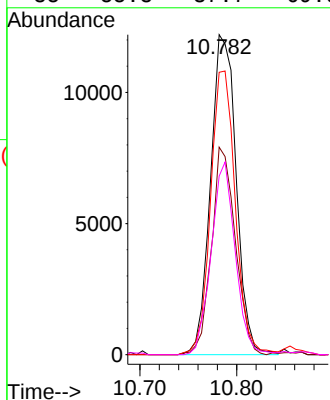
Ion Ratio Lower Upper

97 100

99 64.9 41.2 76.6

83 88.3 59.6 110.6

85 55.8 37.7 69.9



#46

Tetrachloroethene

Concen: 9.095 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

Tgt Ion:164 Resp: 10488

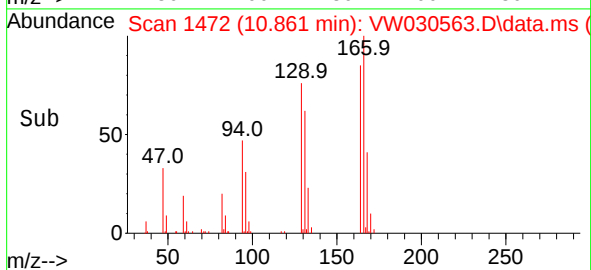
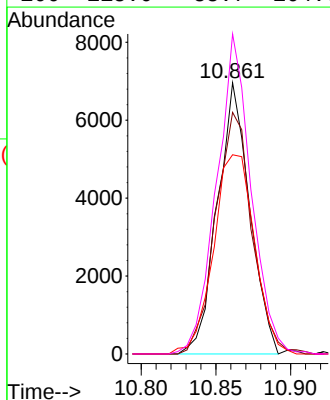
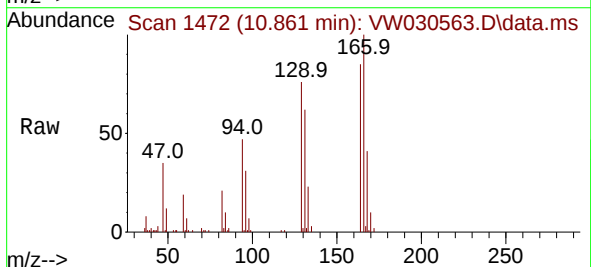
Ion Ratio Lower Upper

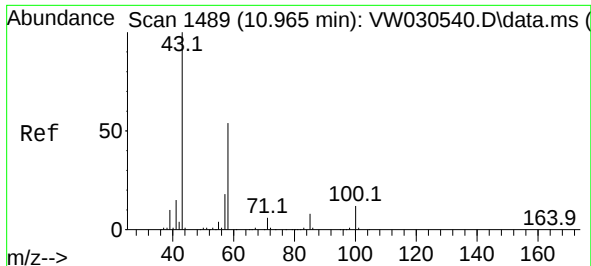
164 100

129 89.1 66.6 123.6

131 73.5 63.7 118.3

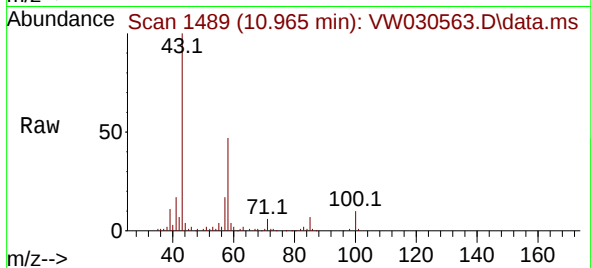
166 118.0 88.7 164.7



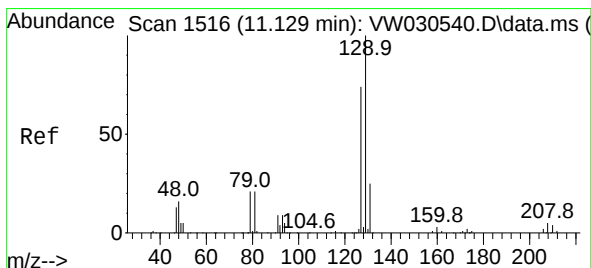
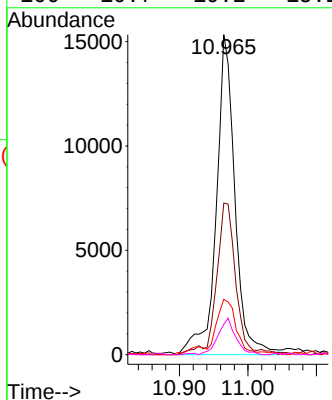
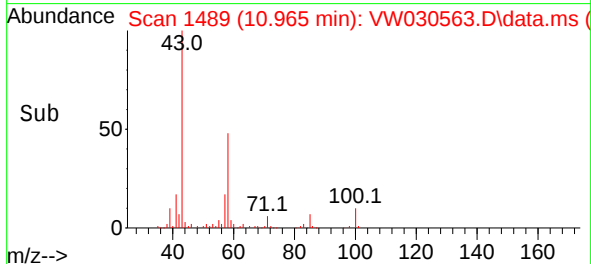


#48
2-Hexanone
Concen: 52.470 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030563.D
Acq: 11 Oct 2024 20:49

Instrument :
MSVOA_W
ClientSampleId :

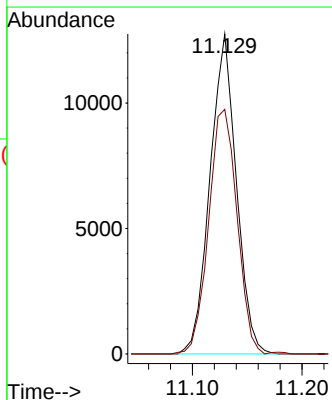
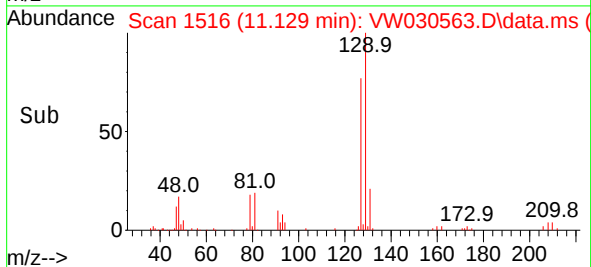
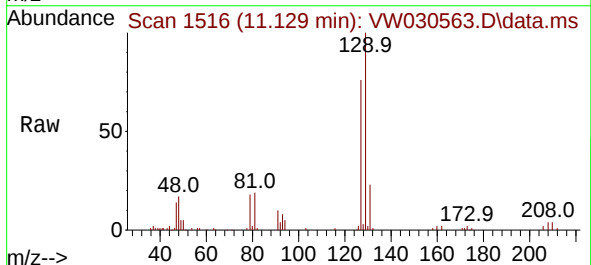


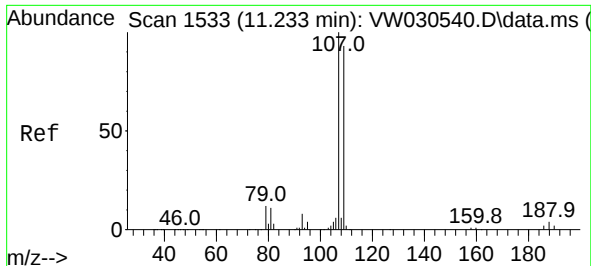
Tgt Ion:	43	Resp:	28934
Ion	Ratio	Lower	Upper
43	100		
58	45.1	44.6	67.0
57	17.8	15.8	23.8
100	10.7	10.2	15.2



#49
Dibromochloromethane
Concen: 18.848 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW030563.D
Acq: 11 Oct 2024 20:49

Tgt Ion:	129	Resp:	21334
Ion	Ratio	Lower	Upper
129	100		
127	76.5	56.5	104.9





#50

1,2-Dibromoethane

Concen: 21.899 ug/L

RT: 11.239 min Scan# 1533

Delta R.T. 0.006 min

Lab File: VW030563.D

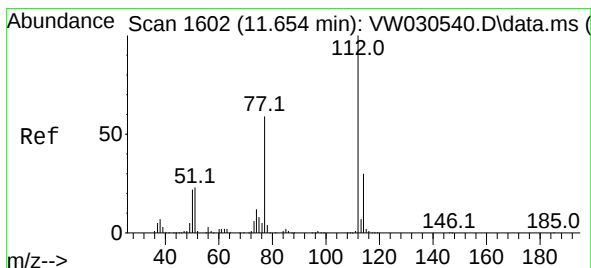
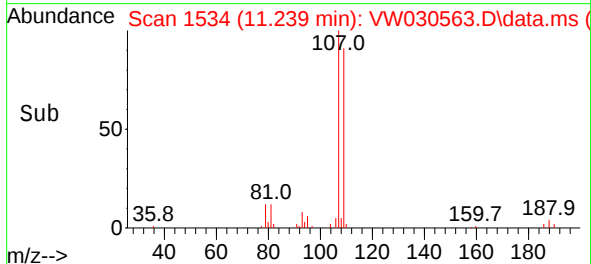
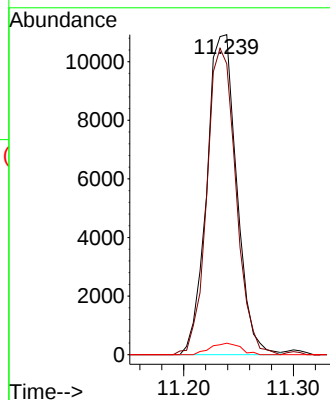
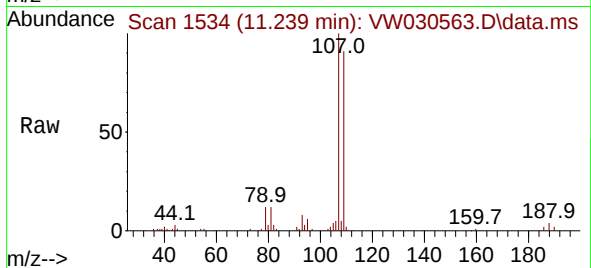
Acq: 11 Oct 2024 20:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	20729
Ion	Ratio	Lower	Upper
107	100		
109	90.9	63.8	118.6
188	3.6	2.6	3.8



#51

Chlorobenzene

Concen: 13.567 ug/L

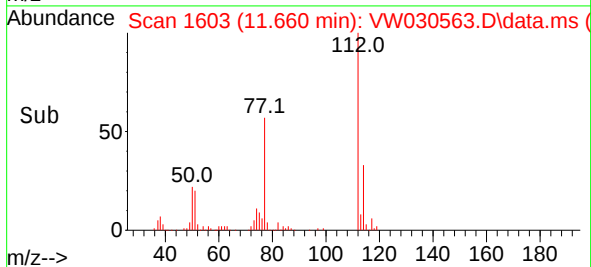
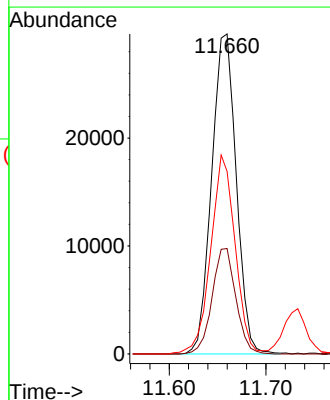
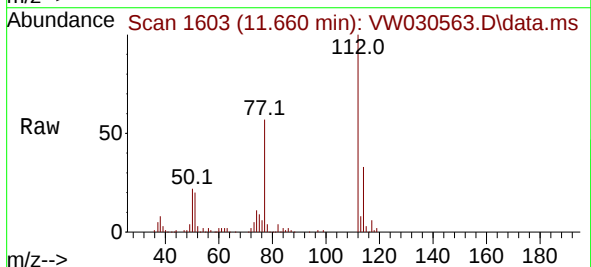
RT: 11.660 min Scan# 1603

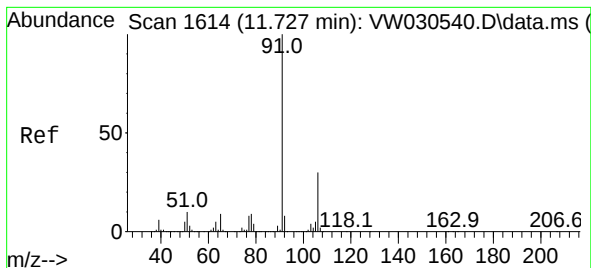
Delta R.T. 0.006 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

Tgt Ion:	112	Resp:	52365
Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.4	41.6
77	57.1	47.1	70.7





#52

Ethylbenzene

Concen: 10.015 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

Instrument :

MSVOA_W

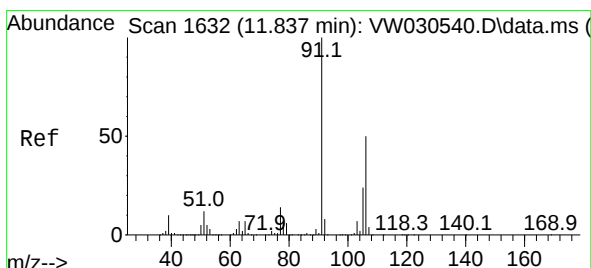
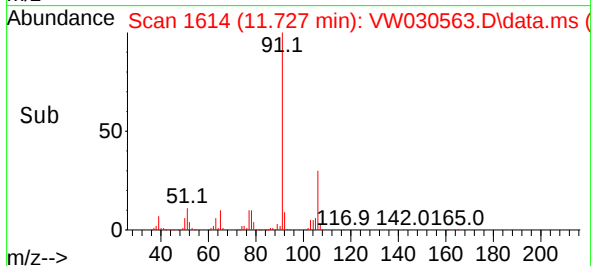
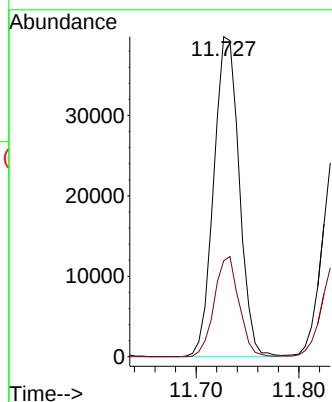
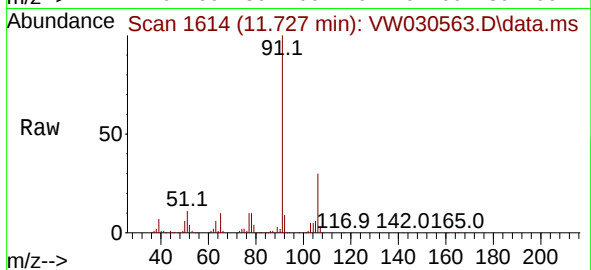
ClientSampleId :

Tgt Ion: 91 Resp: 68515

Ion Ratio Lower Upper

91 100

106 30.0 21.1 39.1



#53

m,p-Xylene

Concen: 10.272 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030563.D

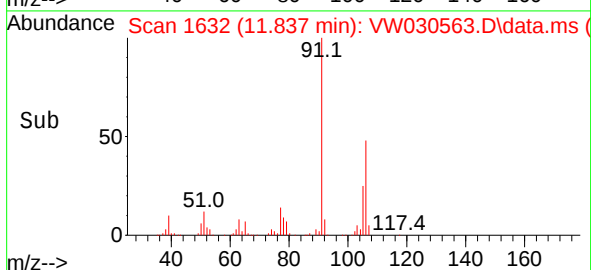
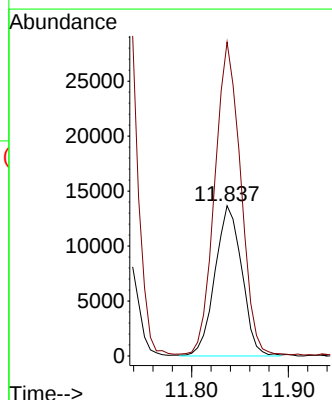
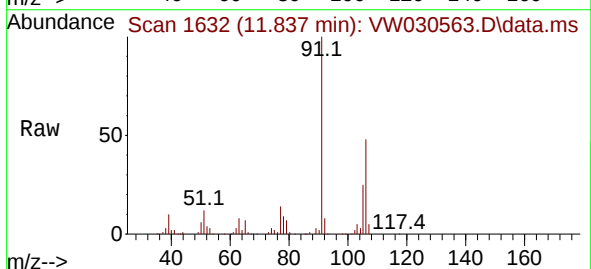
Acq: 11 Oct 2024 20:49

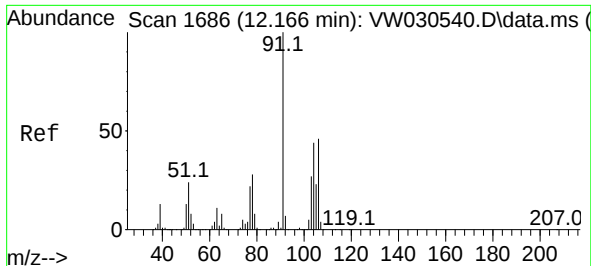
Tgt Ion: 106 Resp: 26329

Ion Ratio Lower Upper

106 100

91 208.9 140.6 261.2

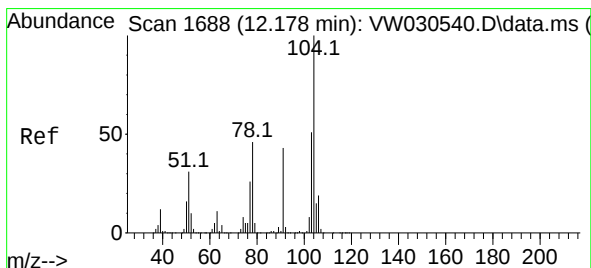
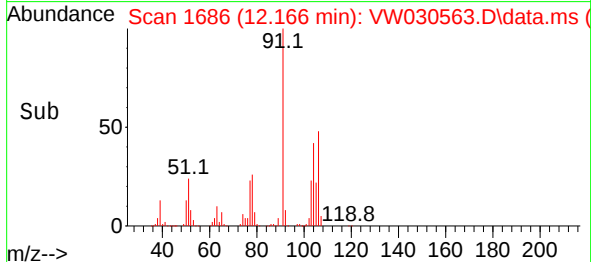
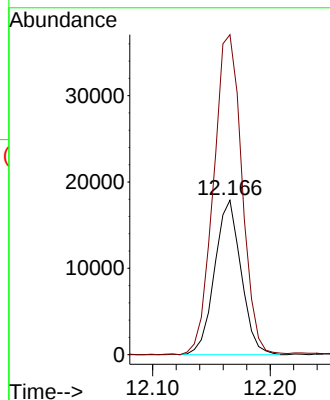
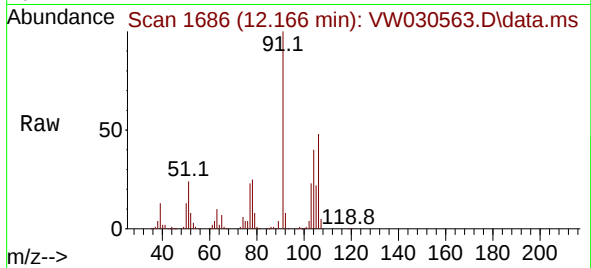




#54
o-Xylene
Concen: 11.823 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW030563.D
Acq: 11 Oct 2024 20:49

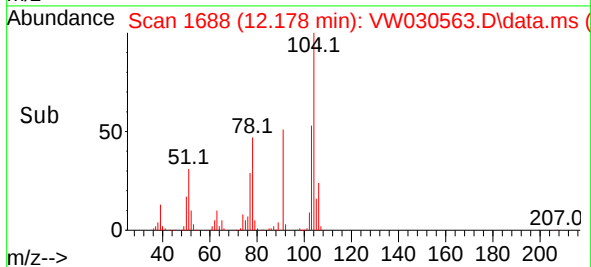
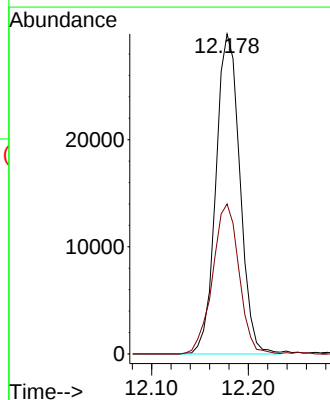
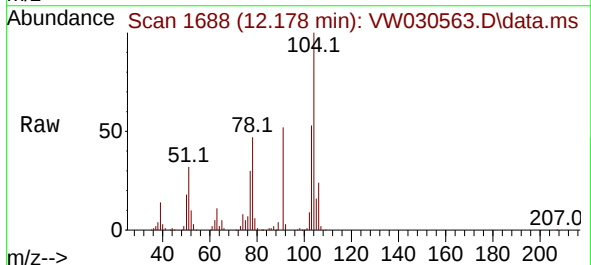
Instrument :
MSVOA_W
ClientSampleId :

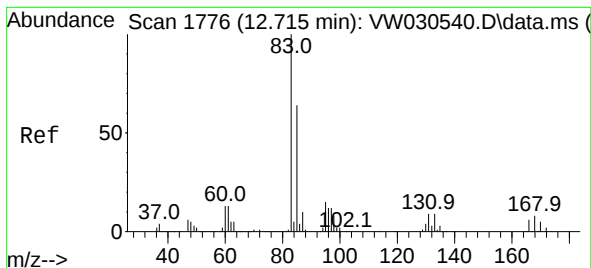
Tgt Ion:106 Resp: 28016
Ion Ratio Lower Upper
106 100
91 207.2 144.5 268.4



#55
Styrene
Concen: 12.676 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030563.D
Acq: 11 Oct 2024 20:49

Tgt Ion:104 Resp: 51348
Ion Ratio Lower Upper
104 100
78 46.8 34.3 63.7

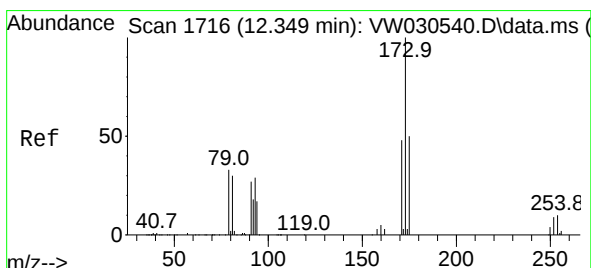
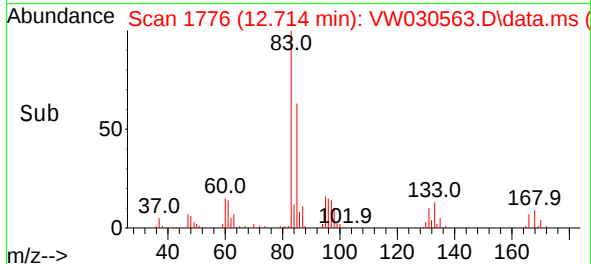
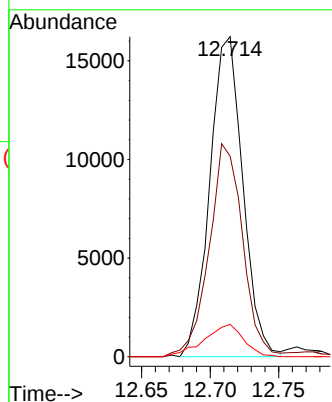
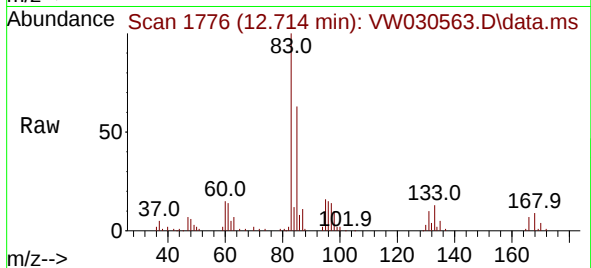




#57
1,1,2-Tetrachloroethane
Concen: 23.812 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW030563.D
Acq: 11 Oct 2024 20:49

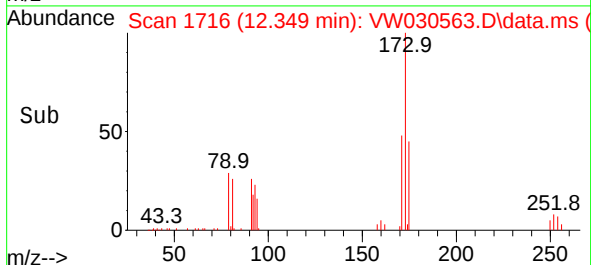
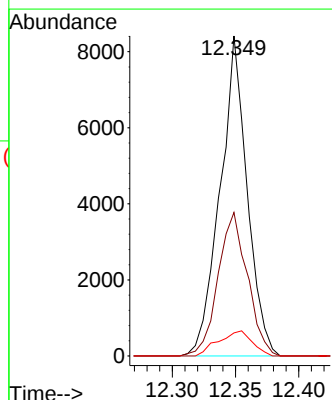
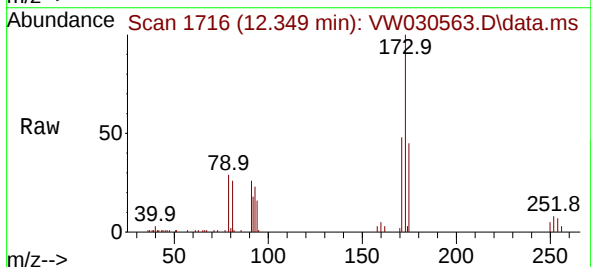
Instrument :
MSVOA_W
ClientSampleId :

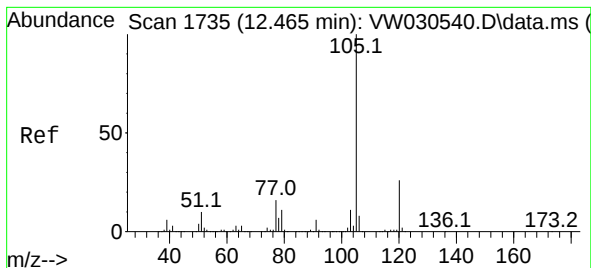
Tgt Ion: 83 Resp: 27240
Ion Ratio Lower Upper
83 100
85 62.7 42.6 79.2
131 10.1 7.4 11.0



#59
Bromoform
Concen: 21.542 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW030563.D
Acq: 11 Oct 2024 20:49

Tgt Ion:173 Resp: 12517
Ion Ratio Lower Upper
173 100
175 48.6 39.0 58.4
254 9.8 7.7 11.5





#60

Isopropylbenzene

Concen: 9.177 ug/L

RT: 12.465 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

Instrument :

MSVOA_W

ClientSampleId :

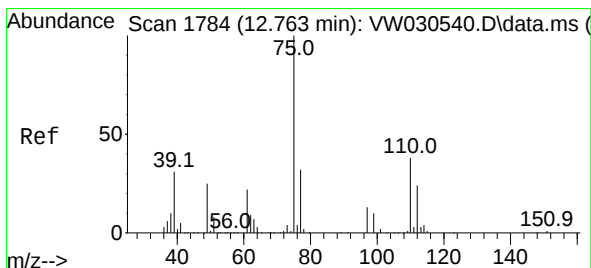
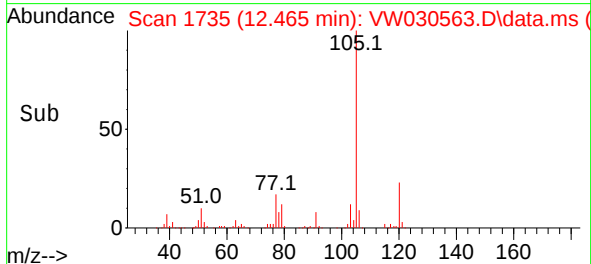
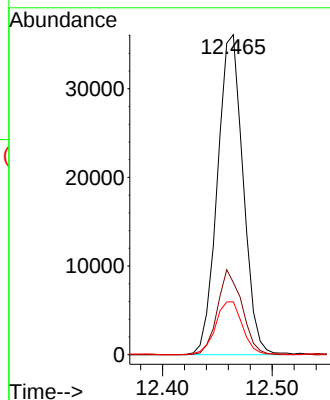
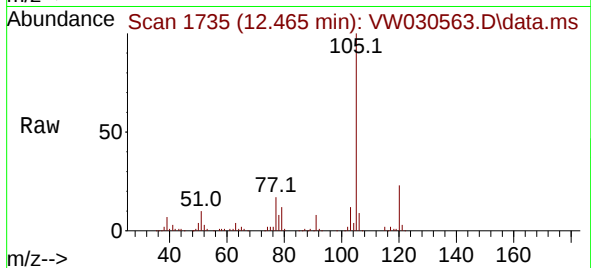
Tgt Ion:105 Resp: 58776

Ion Ratio Lower Upper

105 100

120 25.3 20.6 31.0

77 17.4 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 24.497 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

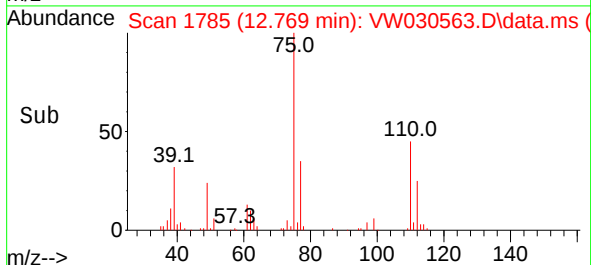
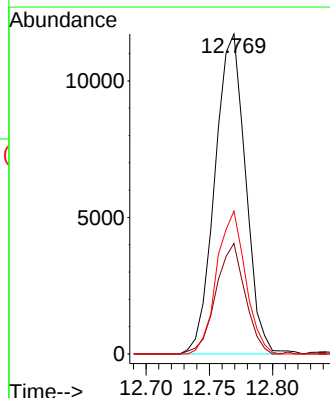
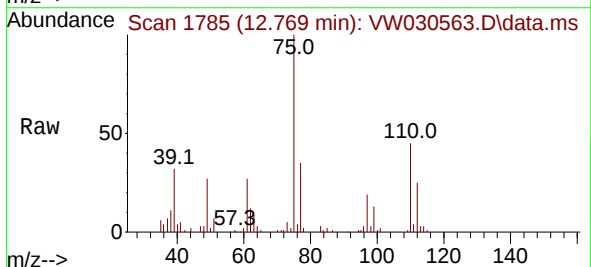
Tgt Ion: 75 Resp: 19714

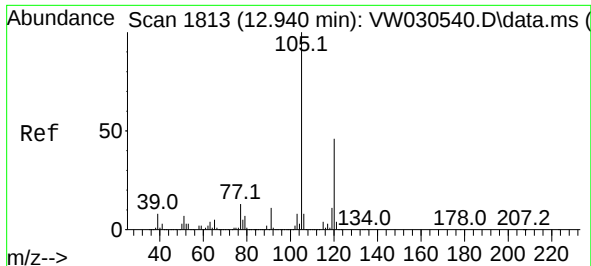
Ion Ratio Lower Upper

75 100

77 32.9 25.7 38.5

110 42.0 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 9.659 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

Instrument :

MSVOA_W

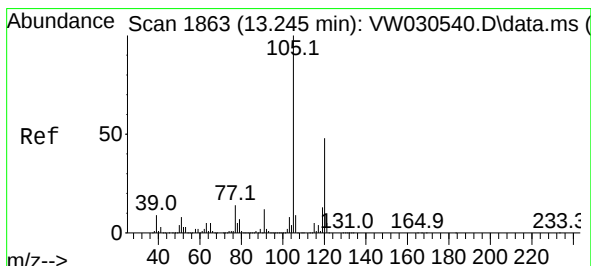
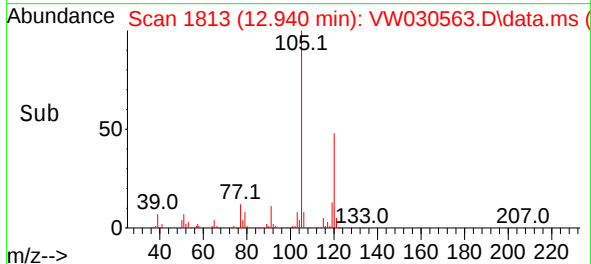
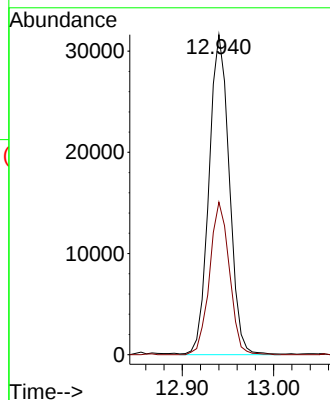
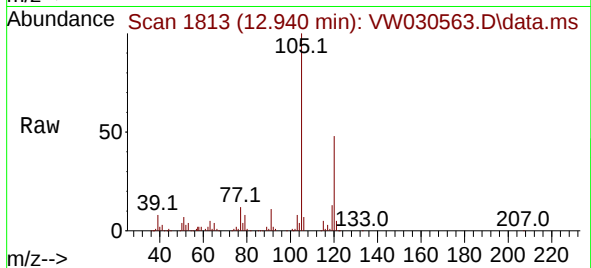
ClientSampleId :

Tgt Ion:105 Resp: 48804

Ion Ratio Lower Upper

105 100

120 46.5 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 10.207 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW030563.D

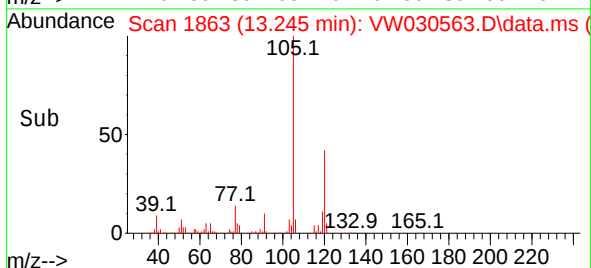
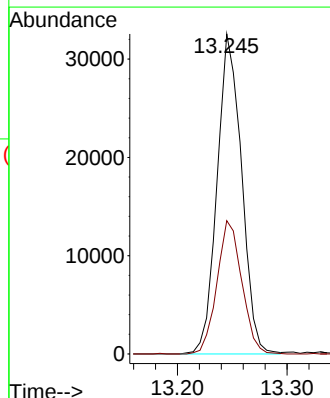
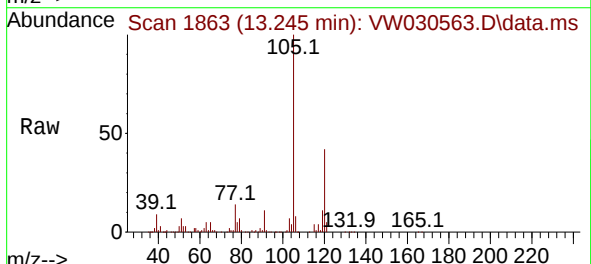
Acq: 11 Oct 2024 20:49

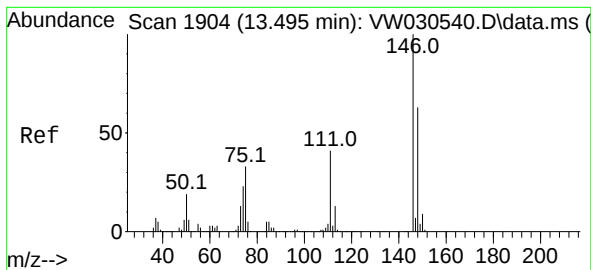
Tgt Ion:105 Resp: 50498

Ion Ratio Lower Upper

105 100

120 42.2 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 13.250 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

Instrument :

MSVOA_W

ClientSampleId :

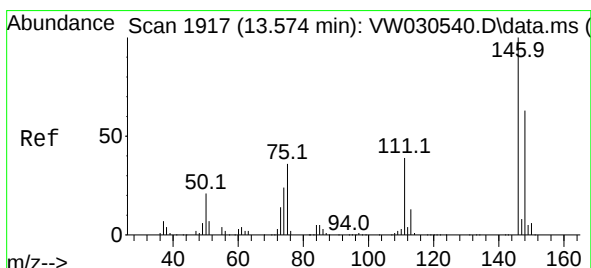
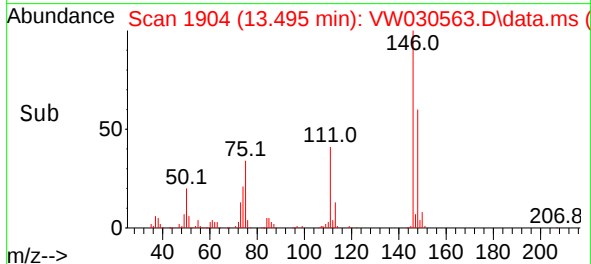
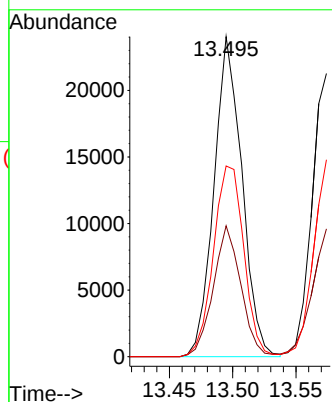
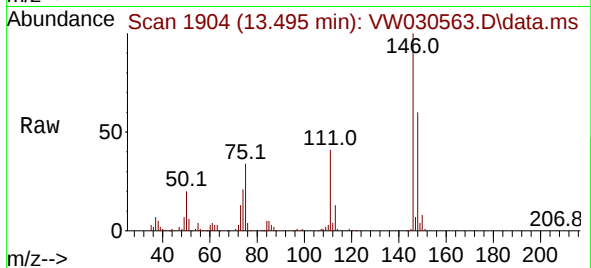
Tgt Ion:146 Resp: 36938

Ion Ratio Lower Upper

146 100

111 40.9 31.2 58.0

148 59.6 45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 13.328 ug/L

RT: 13.580 min Scan# 1918

Delta R.T. 0.006 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

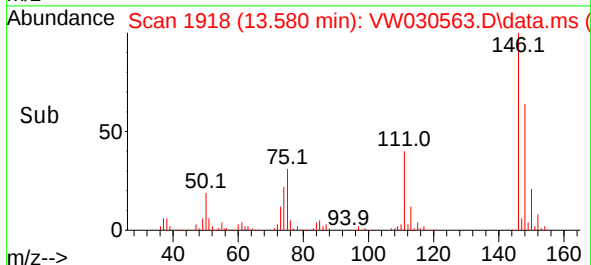
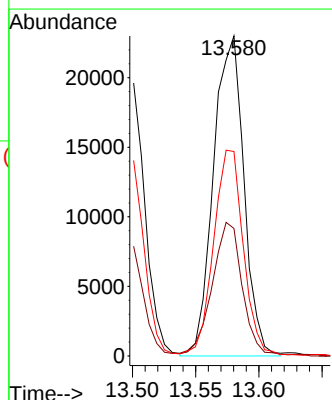
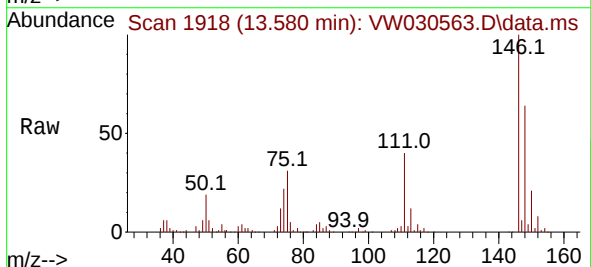
Tgt Ion:146 Resp: 38366

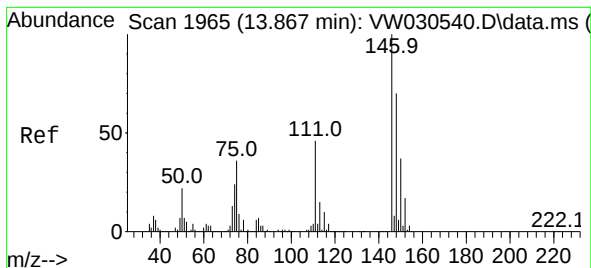
Ion Ratio Lower Upper

146 100

111 39.9 26.8 49.8

148 63.9 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 15.734 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

Instrument :

MSVOA_W

ClientSampleId :

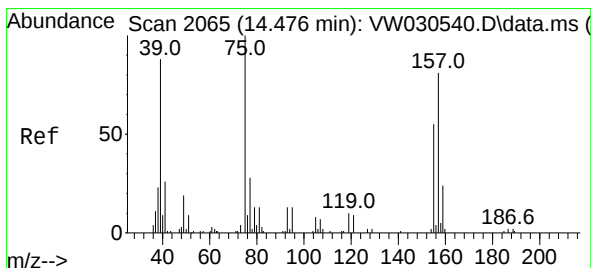
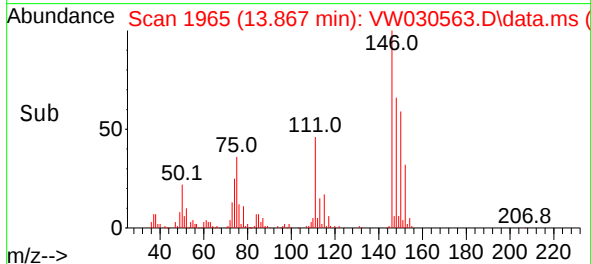
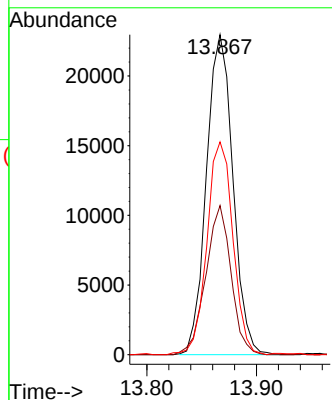
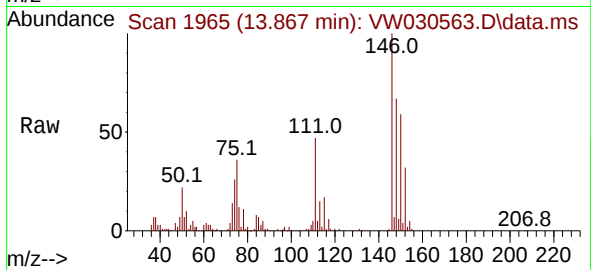
Tgt Ion:146 Resp: 38597

Ion Ratio Lower Upper

146 100

111 46.6 34.6 52.0

148 66.5 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 23.880 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

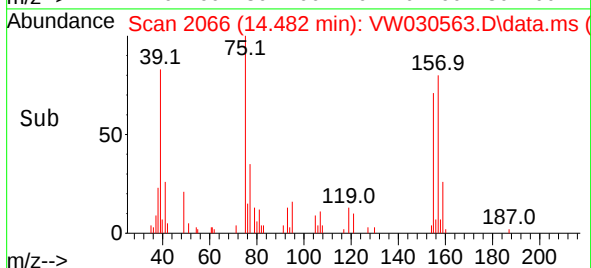
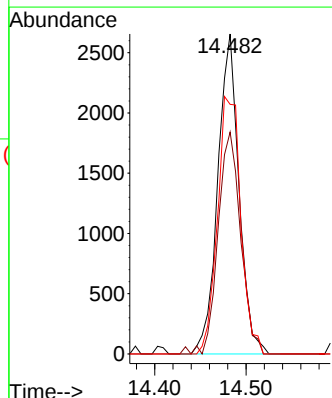
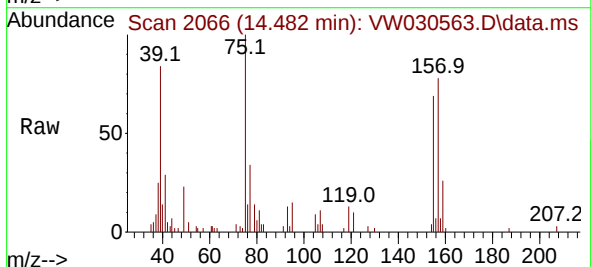
Tgt Ion: 75 Resp: 4285

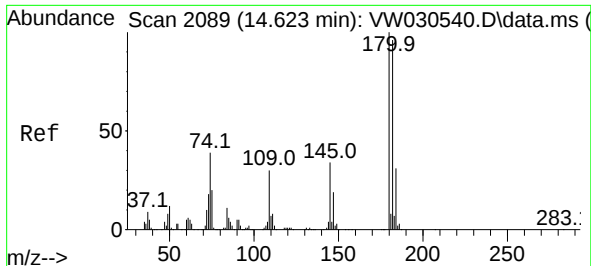
Ion Ratio Lower Upper

75 100

155 69.4 57.9 86.9

157 78.0 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 11.835 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

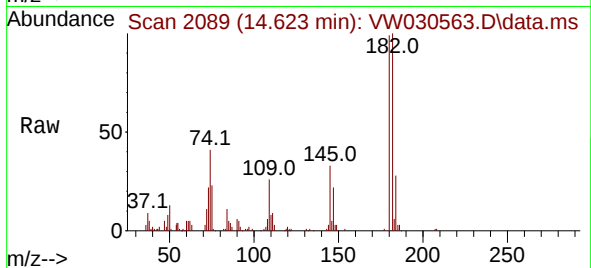
Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 21757

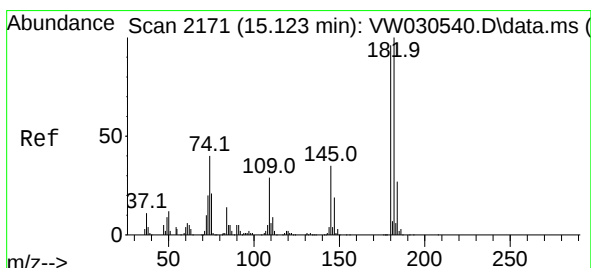
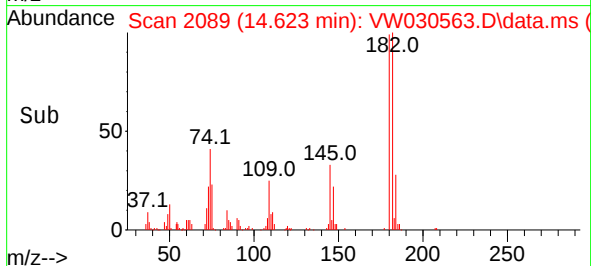
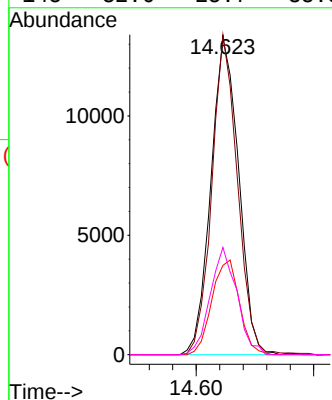
Ion Ratio Lower Upper

180 100

182 93.0 79.9 119.9

184 29.6 25.2 37.8

145 32.6 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 13.233 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

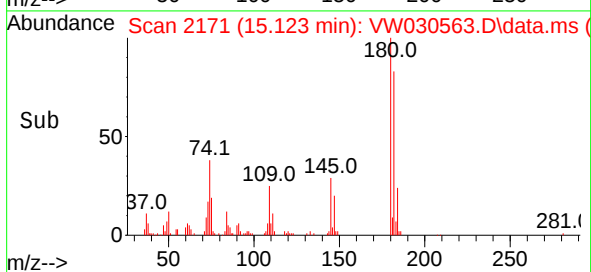
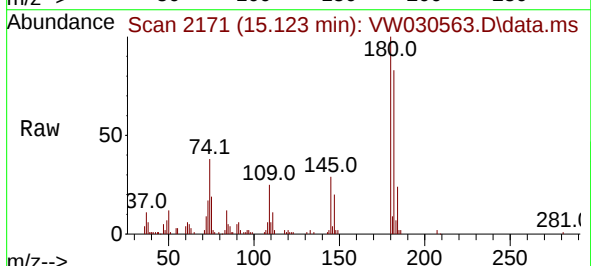
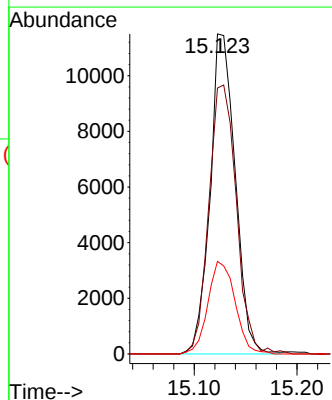
Tgt Ion:180 Resp: 19584

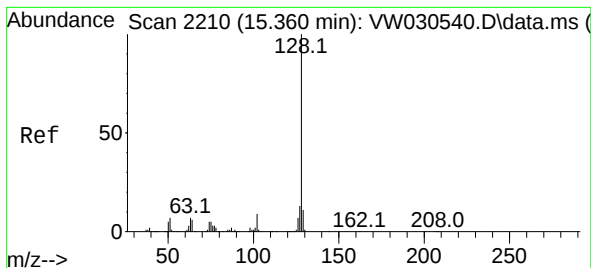
Ion Ratio Lower Upper

180 100

182 90.9 75.2 112.8

145 31.2 25.4 38.2





#71

Naphthalene

Concen: 15.814 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min MSVOA_W

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

Instrument :

MSVOA_W

ClientSampleId :

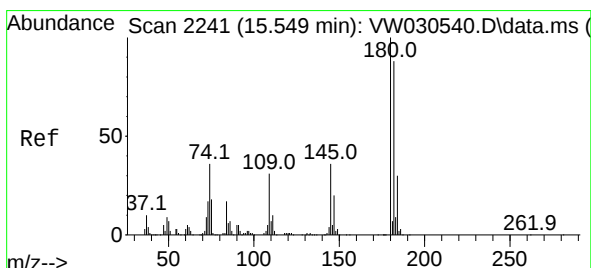
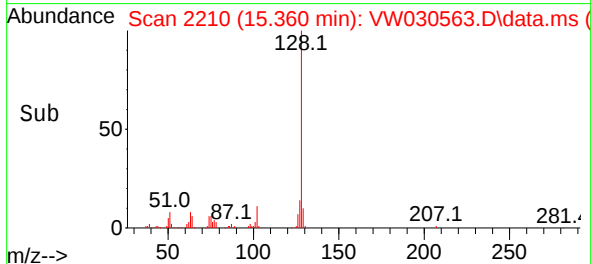
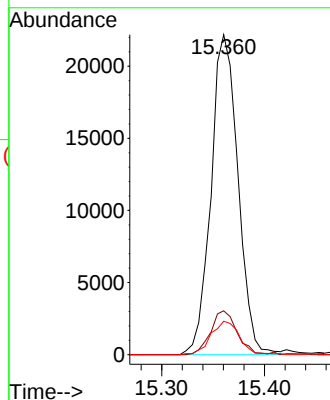
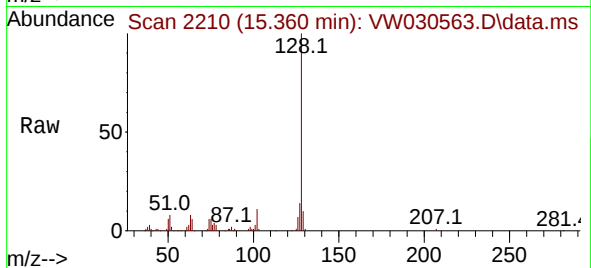
Tgt Ion:128 Resp: 40435

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 15.291 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW030563.D

Acq: 11 Oct 2024 20:49

Tgt Ion:180 Resp: 19618

Ion Ratio Lower Upper

180 100

182 92.7 76.2 114.4

145 32.6 27.4 41.2

