

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072224\
 Data File : VW029694.D
 Acq On : 22 Jul 2024 19:26
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 23 04:12:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 19 23:16:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	214886	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	202553	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	99288	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	63832	18.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.560%
7) Chloroethane-d5	2.899	69	55245	22.102	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	4.027	65	31988	20.521	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.080%
21) 2-Butanone-d5	7.075	46	54209	52.022	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.040%
24) Chloroform-d	7.648	84	162993	26.237	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.960%
26) 1,2-Dichloroethane-d4	8.307	65	97472	26.751	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	8.276	84	297033	24.479	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.920%
36) 1,2-Dichloropropane-d6	9.270	67	101925	26.271	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.080%
41) Toluene-d8	10.325	98	268582	25.169	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.680%
43) trans-1,3-Dichloroprop...	10.581	79	38056	23.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.640%
47) 2-Hexanone-d5	10.922	63	37434	53.099	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84446	26.809	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	87004	25.162	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	28389	13.492	ug/L #	86
3) Chloromethane	2.222	50	50404	17.903	ug/L	97
5) Vinyl chloride	2.375	62	63665	19.816	ug/L	96
6) Bromomethane	2.789	94	38372	20.171	ug/L	93
8) Chloroethane	2.936	64	42212	21.352	ug/L	98
9) Trichlorofluoromethane	3.265	101	57004	19.710	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	65221	22.915	ug/L	95
12) 1,1-Dichloroethene	4.045	96	58063	21.727	ug/L	99
13) Acetone	4.124	43	37691	35.836	ug/L	97
14) Carbon disulfide	4.387	76	152367	17.557	ug/L	98
15) Methyl Acetate	4.673	43	40256	21.800	ug/L	98
16) Methylene chloride	4.923	84	91073	23.673	ug/L	92
17) trans-1,2-Dichloroethene	5.423	96	66186	22.373	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	119062	23.655	ug/L	99
19) 1,1-Dichloroethane	6.222	63	148923	24.513	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	77984	24.107	ug/L	98
22) 2-Butanone	7.173	43	54328	39.347	ug/L	98
23) Bromochloromethane	7.520	128	33554	23.060	ug/L	93
25) Chloroform	7.679	83	146442	24.912	ug/L	99

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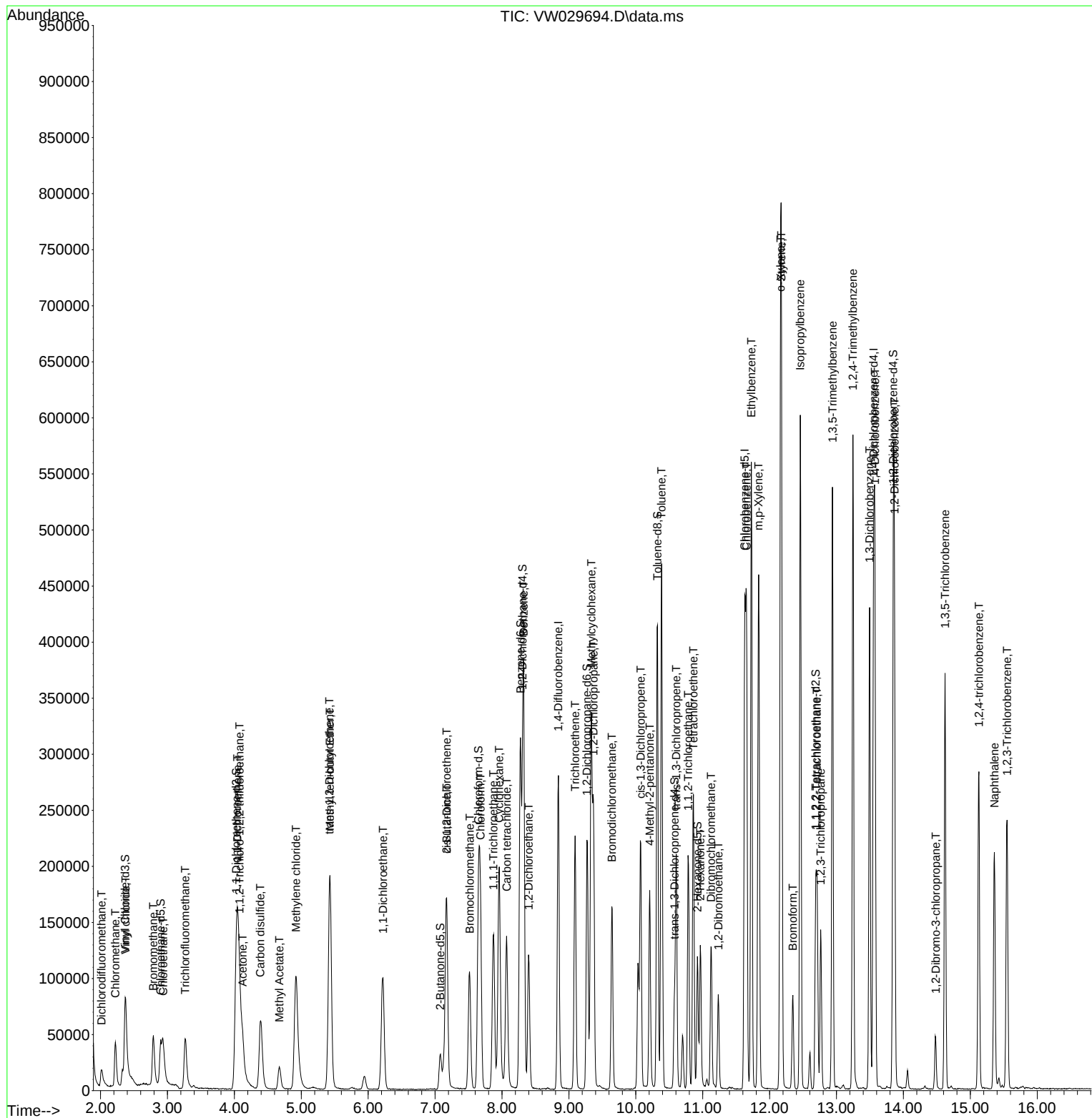
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	109662	24.872	ug/L	100
29) Cyclohexane	7.959	56	109705	21.751	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	110977	23.993	ug/L	99
31) Carbon tetrachloride	8.069	117	97671	23.057	ug/L	99
33) Benzene	8.325	78	302172	23.844	ug/L	100
34) Trichloroethene	9.093	95	77021	23.014	ug/L	97
35) Methylcyclohexane	9.337	83	123645	22.986	ug/L	99
37) 1,2-Dichloropropane	9.367	63	89227	25.461	ug/L	100
38) Bromodichloromethane	9.642	83	107568	25.130	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	128743	24.459	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	119914	48.551	ug/L	99
42) Toluene	10.386	91	321482	24.796	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	108921	24.143	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	61466	24.388	ug/L	98
46) Tetrachloroethene	10.861	164	54687	23.001	ug/L	87
48) 2-Hexanone	10.965	43	84633	45.612	ug/L	98
49) Dibromochloromethane	11.123	129	62889	23.977	ug/L	98
50) 1,2-Dibromoethane	11.233	107	55364	23.051	ug/L	99
51) Chlorobenzene	11.654	112	201519	24.044	ug/L	99
52) Ethylbenzene	11.727	91	364161	24.792	ug/L	100
53) m,p-Xylene	11.836	106	134462	24.936	ug/L	99
54) o-Xylene	12.166	106	129334	25.932	ug/L	94
55) Styrene	12.178	104	230506	26.284	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	77072	24.243	ug/L	96
59) Bromoform	12.349	173	36075	23.538	ug/L	95
60) Isopropylbenzene	12.458	105	355429	25.442	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	56118	23.354	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	264391	26.606	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	290252	26.465	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	153301	24.482	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	154811	24.132	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	140853	24.884	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.482	75	12785	22.256	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	95222	23.310	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	85618	23.820	ug/L	93
71) Naphthalene	15.360	128	171118	22.682	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	74192	22.718	ug/L	97

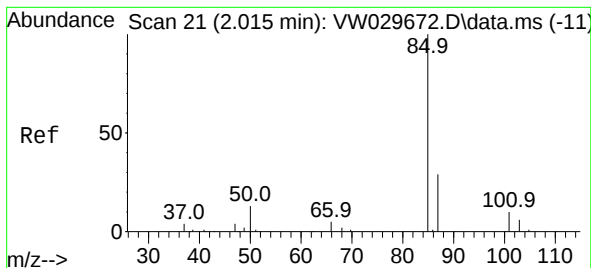
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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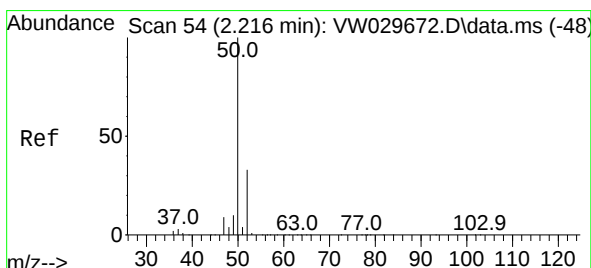
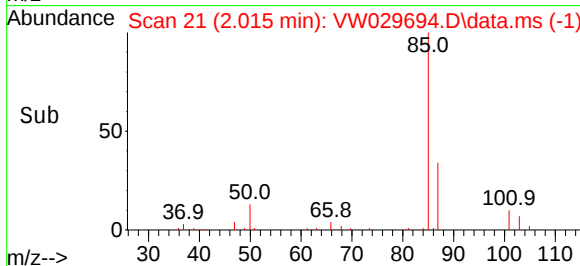
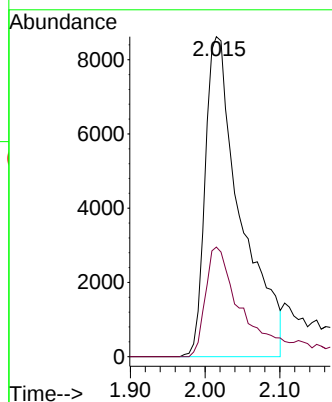
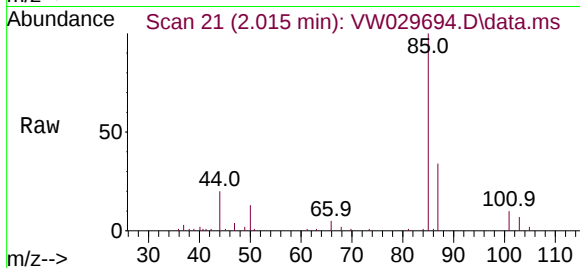




#2
 Dichlorodifluoromethane
 Concen: 13.492 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029694.D
 Acq: 22 Jul 2024 19:26

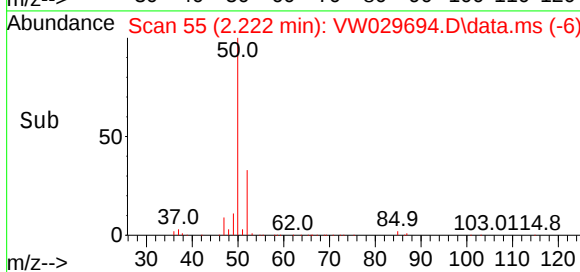
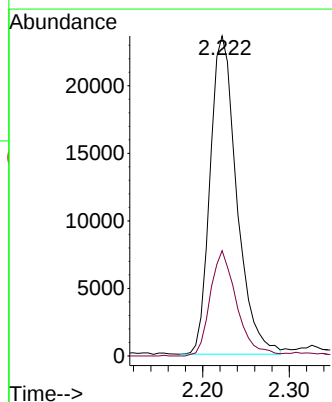
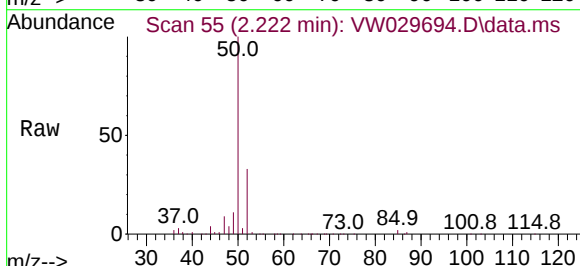
Instrument :
 MSVOA_W
 ClientSampleId :

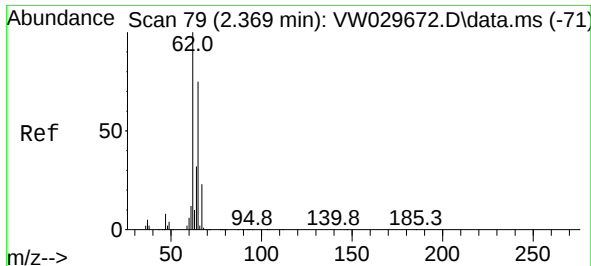
Tgt Ion: 85 Resp: 28389
 Ion Ratio Lower Upper
 85 100
 87 25.0 26.1 39.1#



#3
 Chloromethane
 Concen: 17.903 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029694.D
 Acq: 22 Jul 2024 19:26

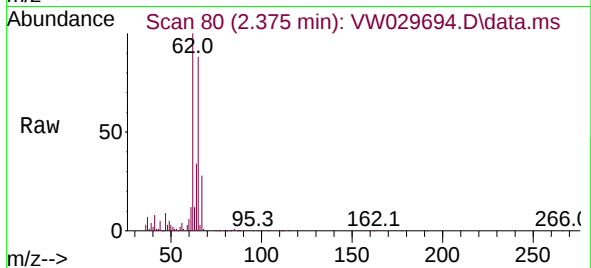
Tgt Ion: 50 Resp: 50404
 Ion Ratio Lower Upper
 50 100
 52 32.9 24.4 45.2



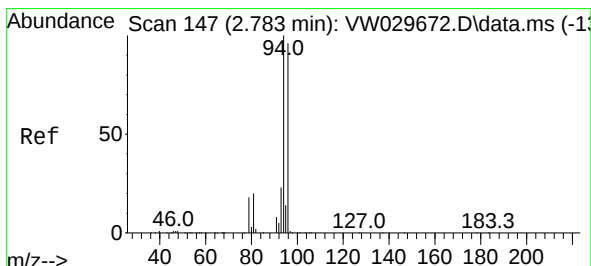
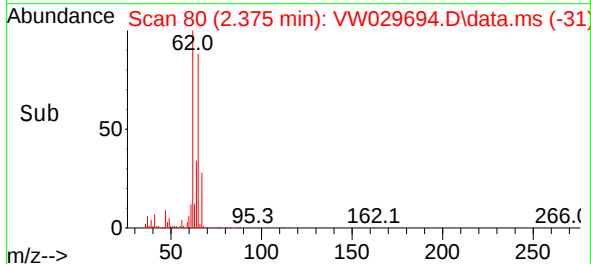
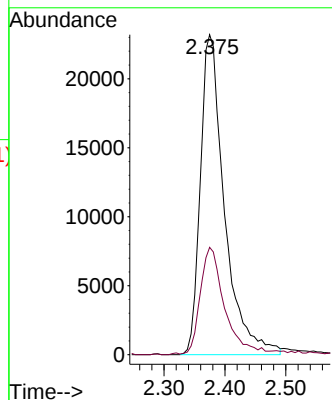


#5
 Vinyl chloride
 Concen: 19.816 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029694.D
 Acq: 22 Jul 2024 19:26

Instrument :
 MSVOA_W
 ClientSampleId :

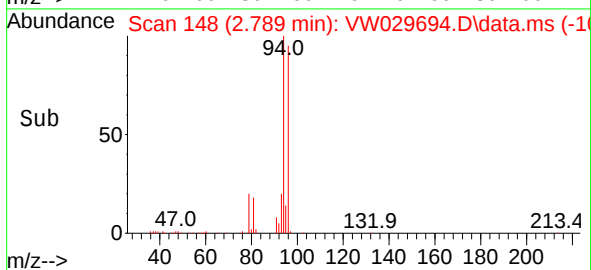
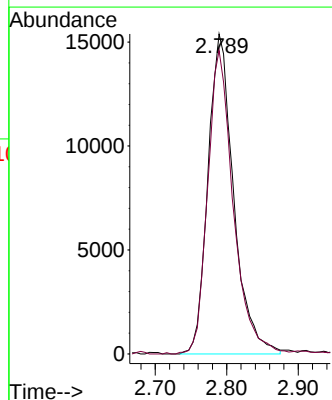
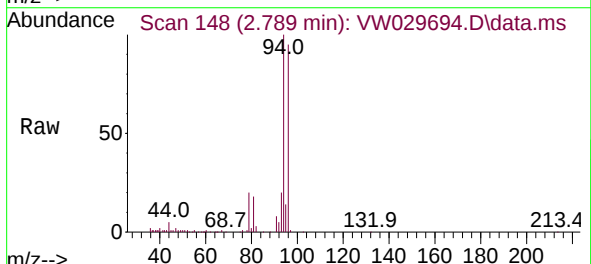


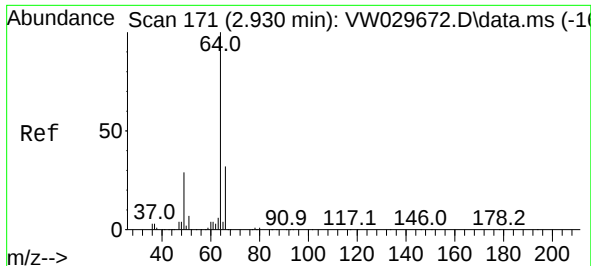
Tgt Ion: 62 Resp: 63665
 Ion Ratio Lower Upper
 62 100
 64 33.5 25.1 46.5



#6
 Bromomethane
 Concen: 20.171 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW029694.D
 Acq: 22 Jul 2024 19:26

Tgt Ion: 94 Resp: 38372
 Ion Ratio Lower Upper
 94 100
 96 94.8 61.7 114.7

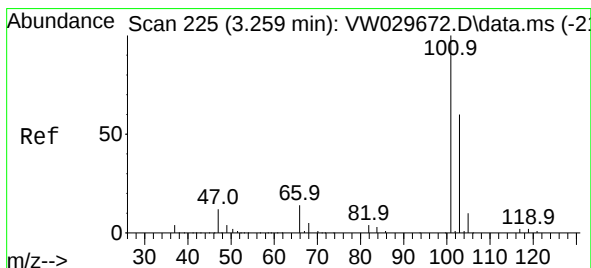
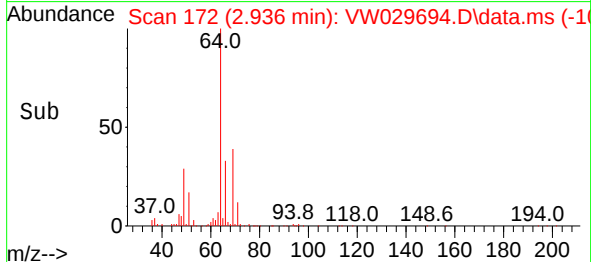
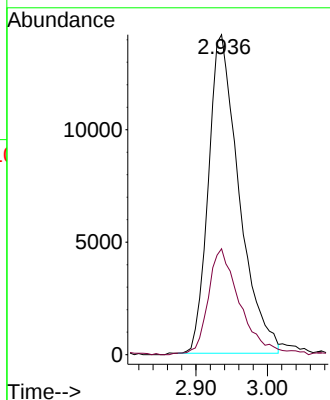
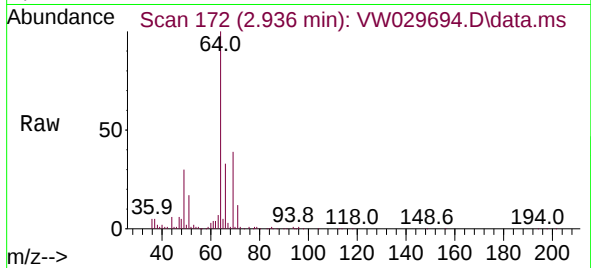




#8
Chloroethane
Concen: 21.352 ug/L
RT: 2.936 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW029694.D
Acq: 22 Jul 2024 19:26

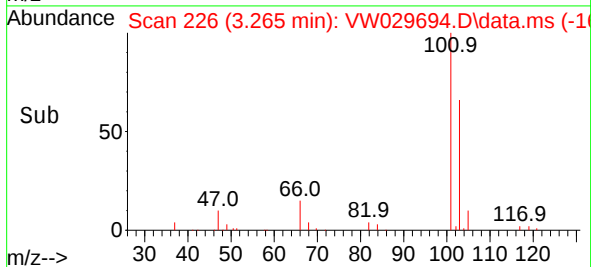
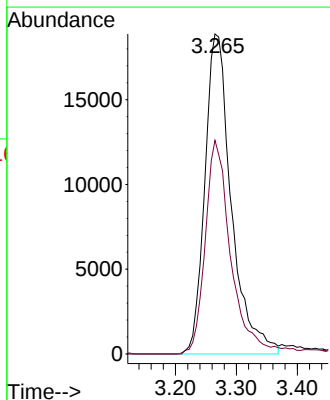
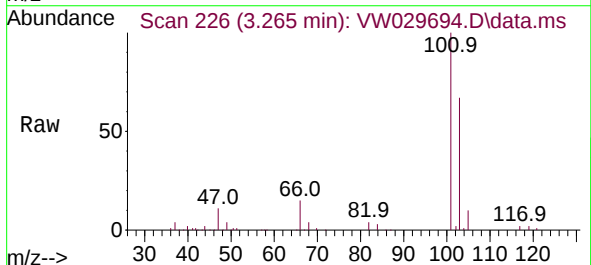
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MSVOA_W
ClientSampleId :

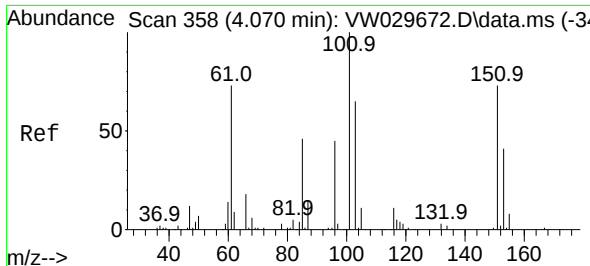
Tgt Ion: 64 Resp: 42212
Ion Ratio Lower Upper
64 100
66 33.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 19.710 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029694.D
Acq: 22 Jul 2024 19:26

Tgt Ion:101 Resp: 57004
Ion Ratio Lower Upper
101 100
103 64.1 49.6 74.4





#10

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

Concen: 22.915 ug/L

RT: 4.076 min Scan# 358

Delta R.T. -0.000 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Instrument :

MSVOA_W

ClientSampleId :

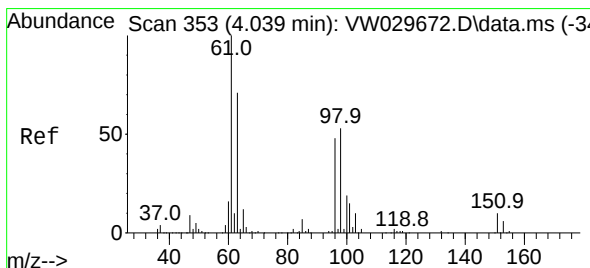
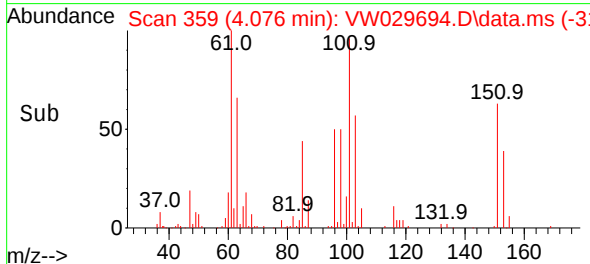
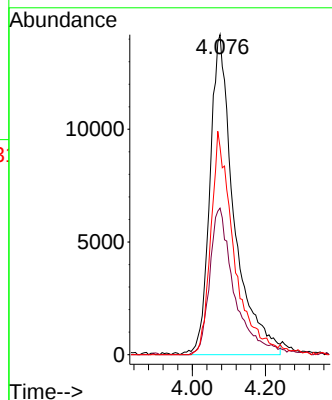
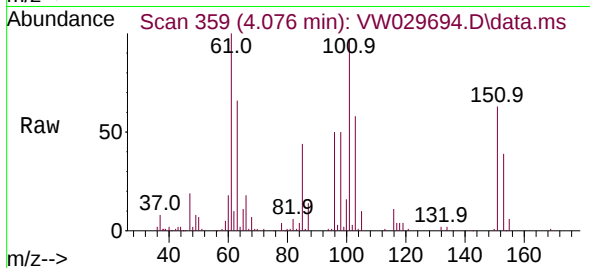
Tgt Ion:101 Resp: 65221

Ion Ratio Lower Upper

101 100

85 45.6 33.8 50.8

151 64.6 55.4 83.0



#12

1,1-Dichloroethene

Concen: 21.727 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

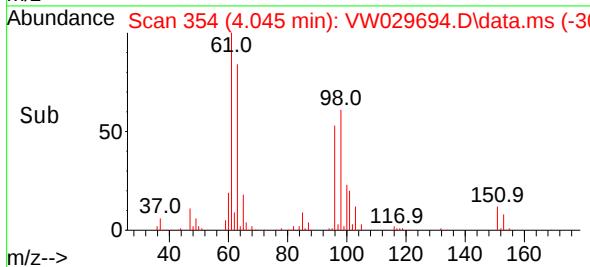
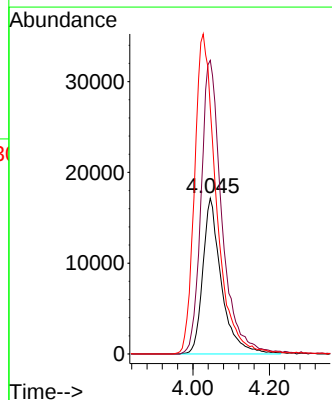
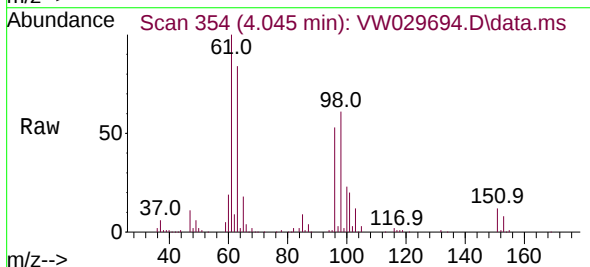
Tgt Ion: 96 Resp: 58063

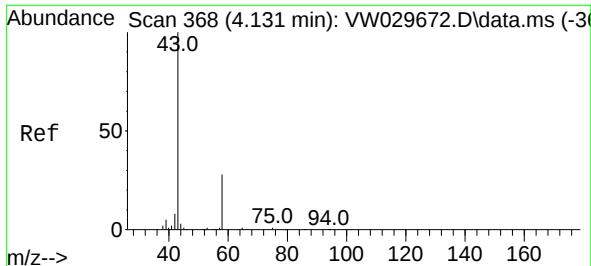
Ion Ratio Lower Upper

96 100

61 188.6 132.4 245.8

63 158.0 108.4 201.2





#13

Acetone

Concen: 35.836 ug/L

RT: 4.124 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Instrument :

MSVOA_W

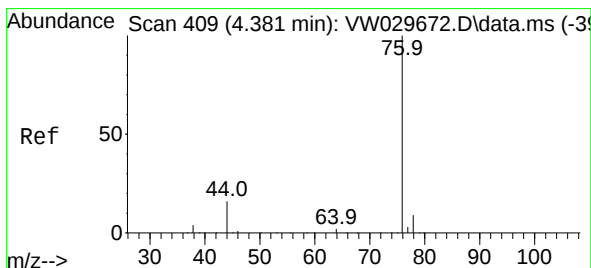
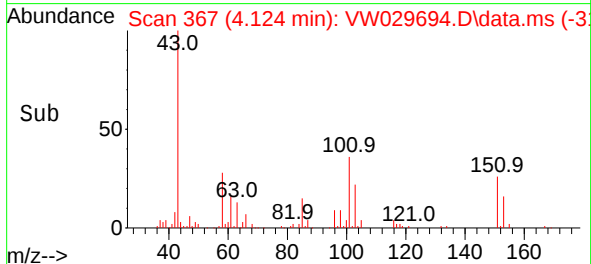
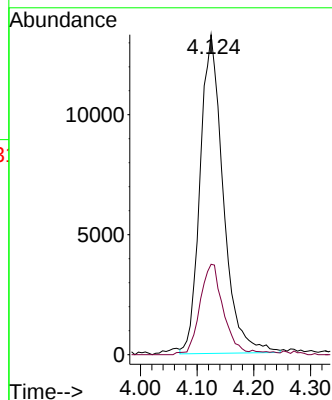
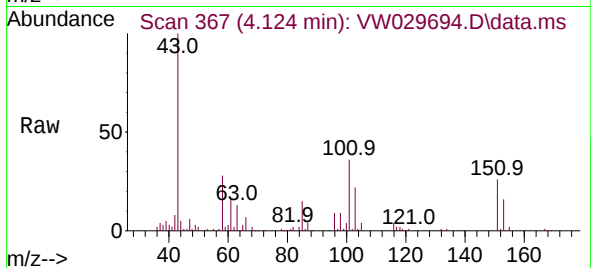
ClientSampleId :

Tgt Ion: 43 Resp: 37691

Ion Ratio Lower Upper

43 100

58 26.3 0.0 55.6



#14

Carbon disulfide

Concen: 17.557 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW029694.D

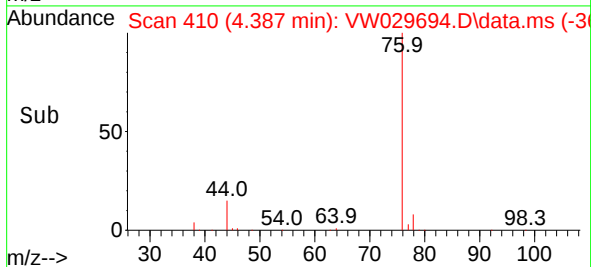
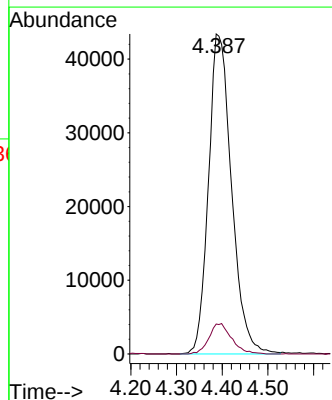
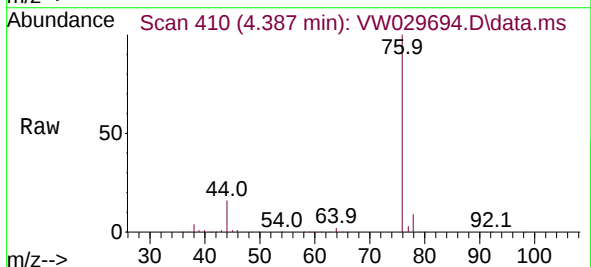
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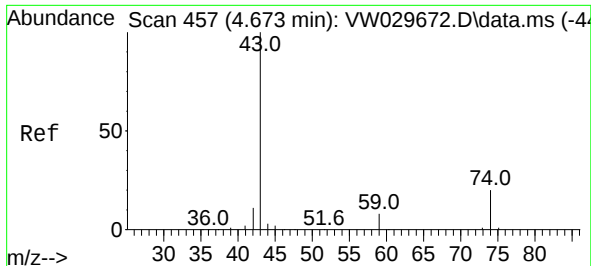
Tgt Ion: 76 Resp: 152367

Ion Ratio Lower Upper

76 100

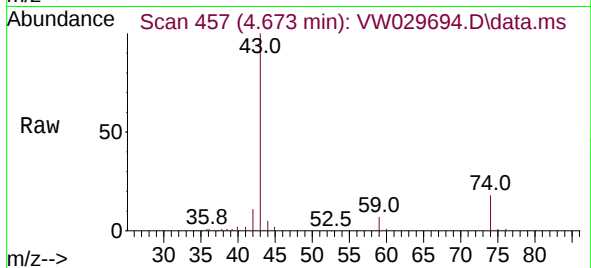
78 9.4 7.0 10.4



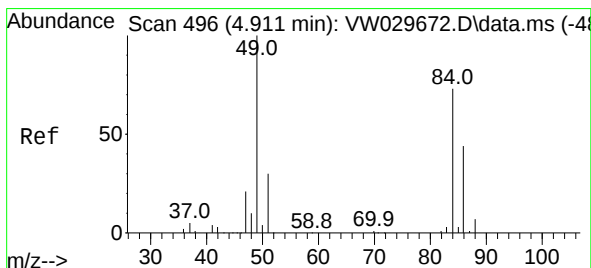
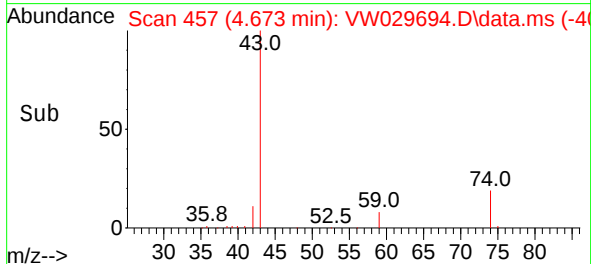
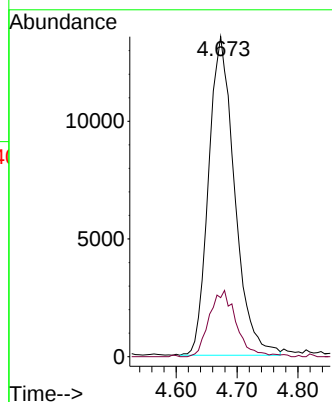


#15
Methyl Acetate
Concen: 21.800 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW029694.D
Acq: 22 Jul 2024 19:26

Instrument :
MSVOA_W
ClientSampleId :

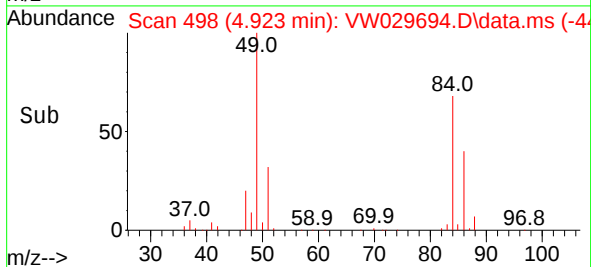
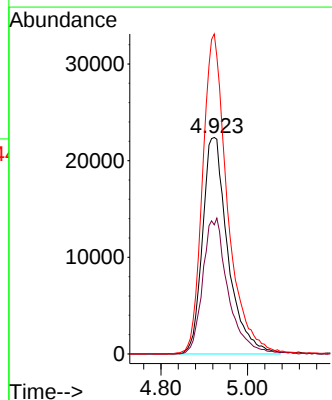
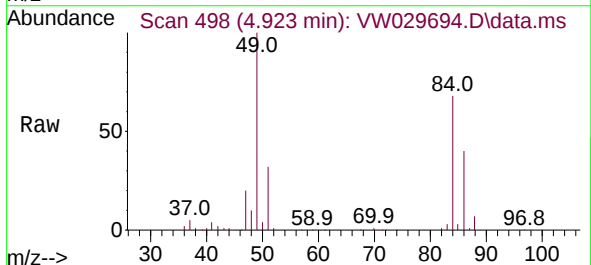


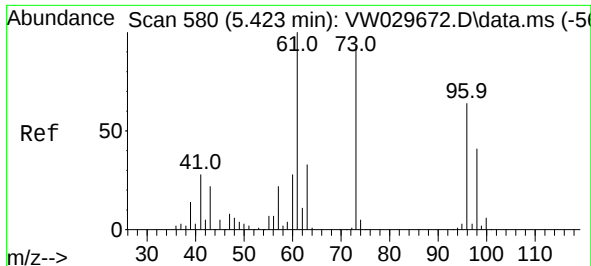
Tgt Ion: 43 Resp: 40256
Ion Ratio Lower Upper
43 100
74 21.3 16.2 24.4



#16
Methylene chloride
Concen: 23.673 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW029694.D
Acq: 22 Jul 2024 19:26

Tgt Ion: 84 Resp: 91073
Ion Ratio Lower Upper
84 100
86 59.6 46.2 85.8
49 147.8 96.7 179.7





#17

trans-1,2-Dichloroethene

Concen: 22.373 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.012 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Instrument :

MSVOA_W

ClientSampleId :

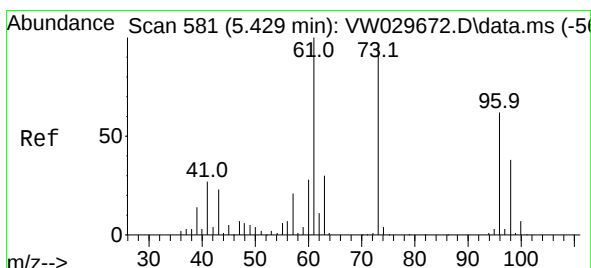
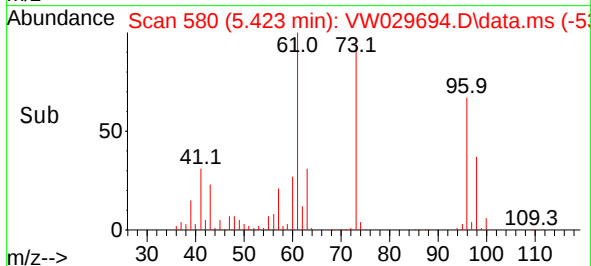
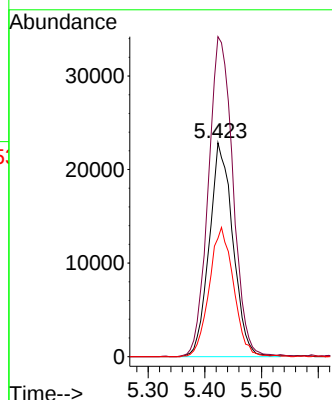
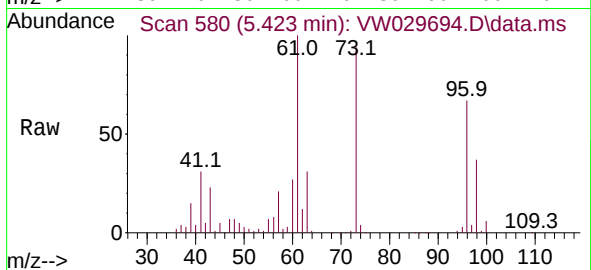
Tgt Ion: 96 Resp: 66186

Ion Ratio Lower Upper

96 100

61 149.6 102.9 191.1

98 55.4 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 23.655 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

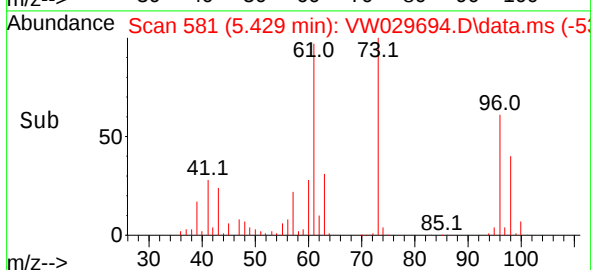
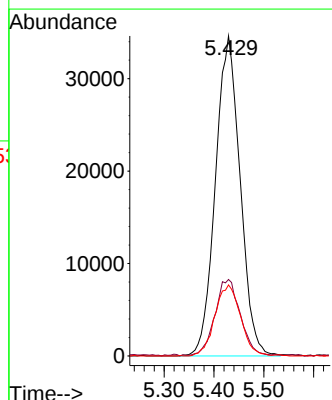
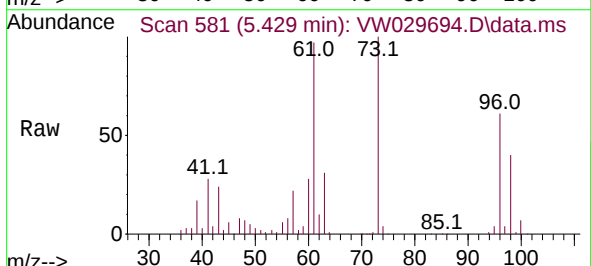
Tgt Ion: 73 Resp: 119062

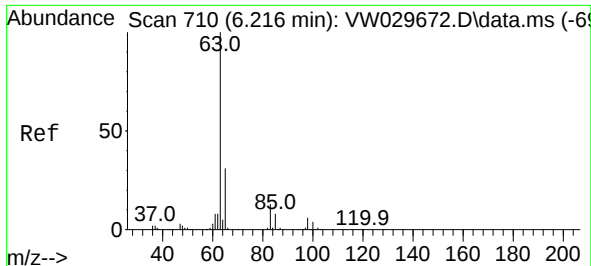
Ion Ratio Lower Upper

73 100

43 24.3 18.7 28.1

57 23.1 18.9 28.3





#19

1,1-Dichloroethane

Concen: 24.513 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Instrument :

MSVOA_W

ClientSampleId :

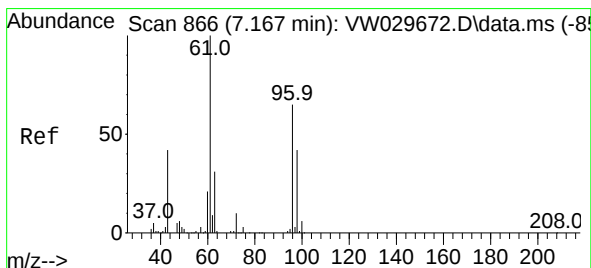
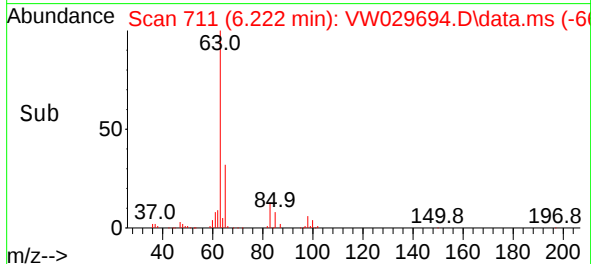
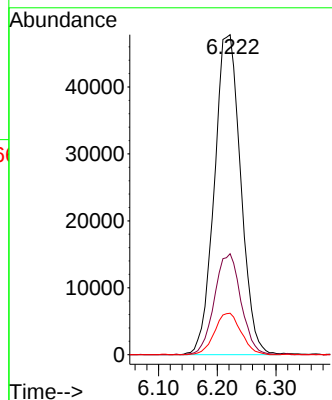
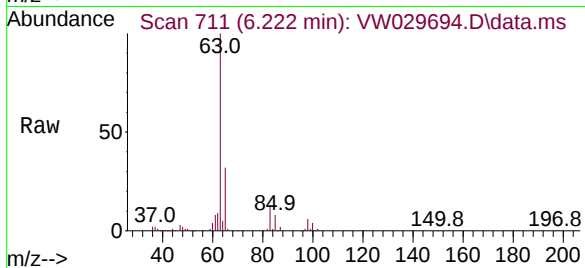
Tgt Ion: 63 Resp: 148923

Ion Ratio Lower Upper

63 100

65 31.5 21.5 39.9

83 12.9 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 24.107 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

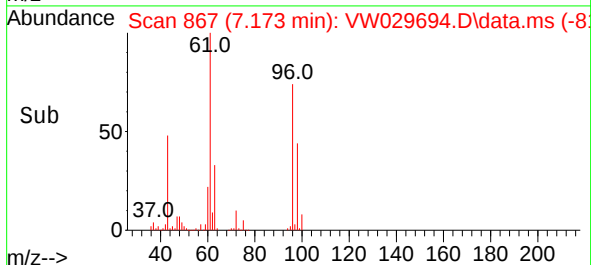
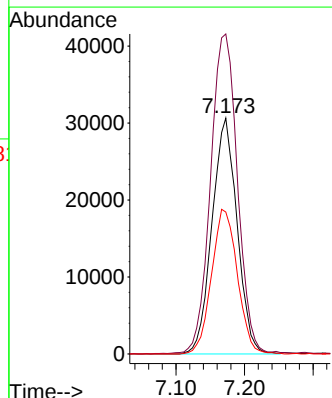
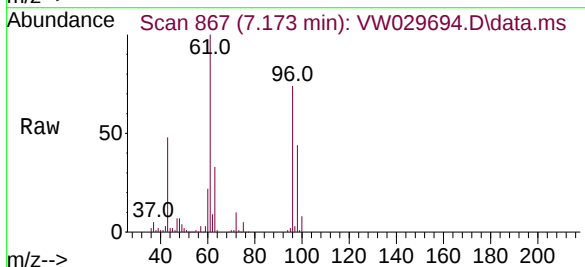
Tgt Ion: 96 Resp: 77984

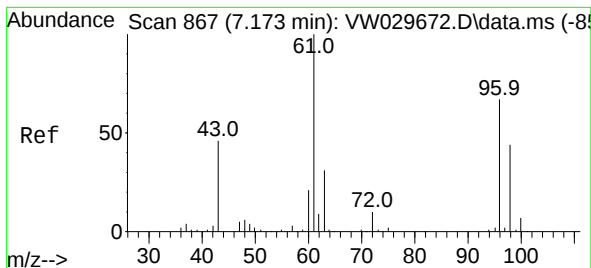
Ion Ratio Lower Upper

96 100

61 135.7 97.4 180.8

98 60.2 41.6 77.2





#22

2-Butanone

Concen: 39.347 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Instrument :

MSVOA_W

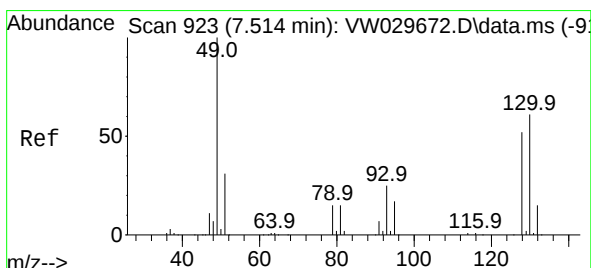
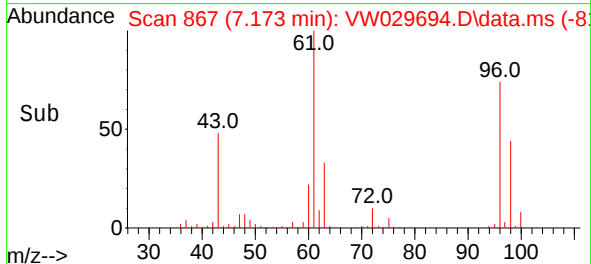
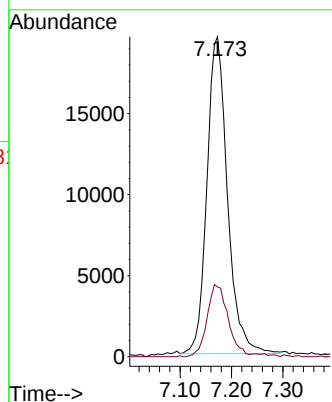
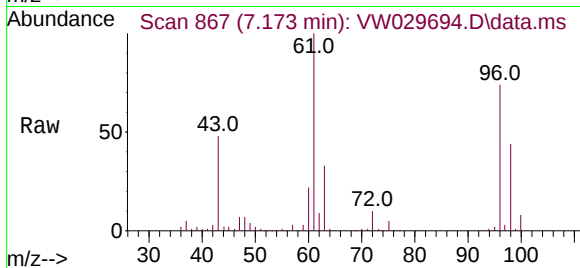
ClientSampleId :

Tgt Ion: 43 Resp: 54328

Ion Ratio Lower Upper

43 100

72 23.1 12.0 36.1



#23

Bromochloromethane

Concen: 23.060 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Tgt Ion:128 Resp: 33554

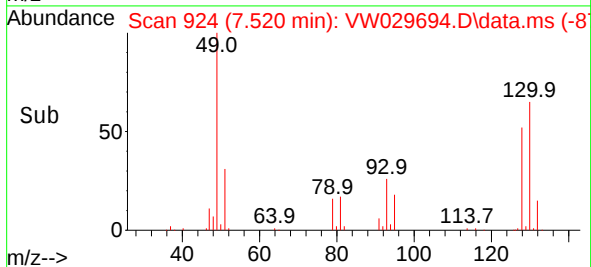
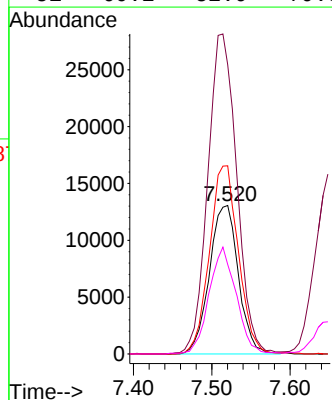
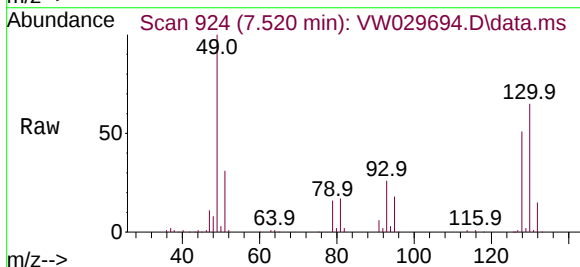
Ion Ratio Lower Upper

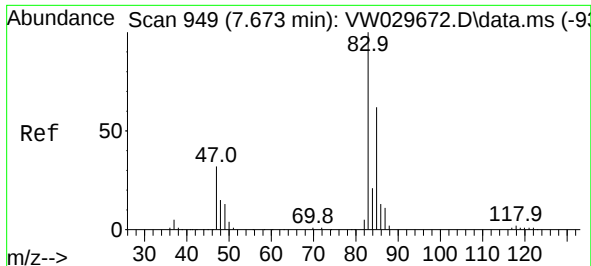
128 100

49 194.7 146.2 271.4

130 126.7 91.9 170.7

51 60.2 52.9 79.3





#25

Chloroform

Concen: 24.912 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Instrument :

MSVOA_W

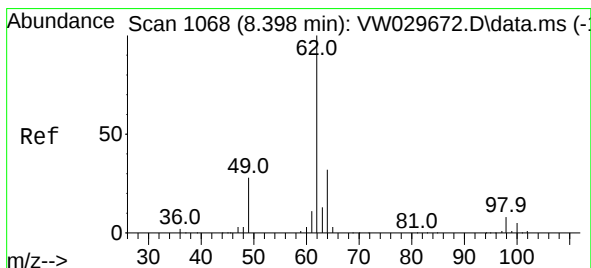
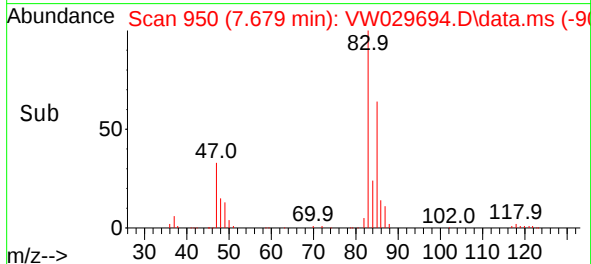
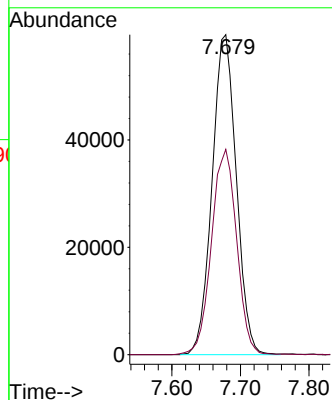
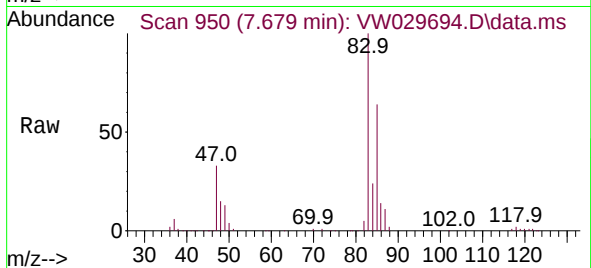
ClientSampleId :

Tgt Ion: 83 Resp: 146442

Ion Ratio Lower Upper

83 100

85 64.2 44.1 81.9



#27

1,2-Dichloroethane

Concen: 24.872 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029694.D

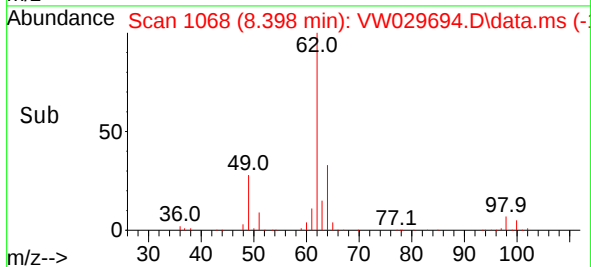
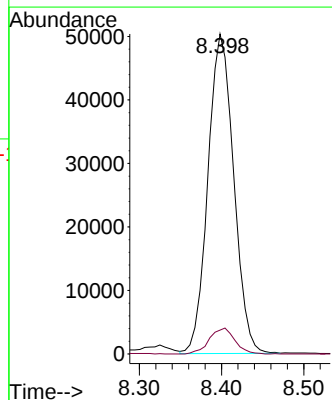
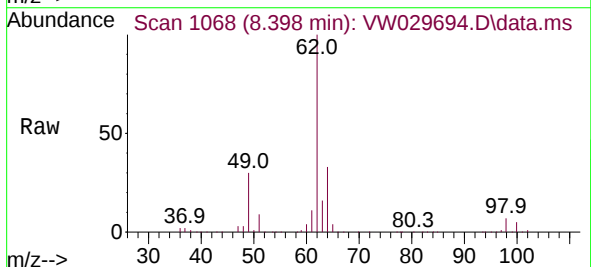
Acq: 22 Jul 2024 19:26

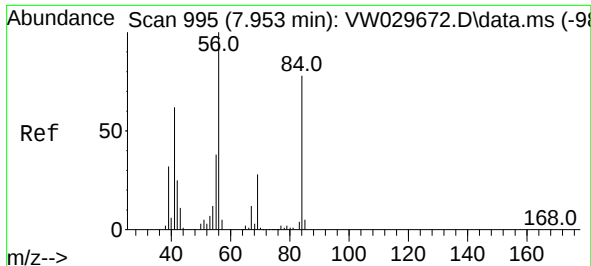
Tgt Ion: 62 Resp: 109662

Ion Ratio Lower Upper

62 100

98 7.4 6.0 9.0





#29

Cyclohexane

Concen: 21.751 ug/L

RT: 7.959 min Scan# 995

Delta R.T. -0.000 min

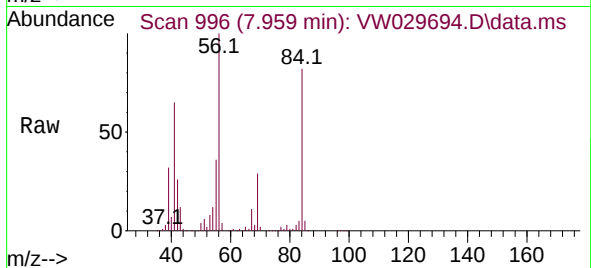
Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Instrument :

MSVOA_W

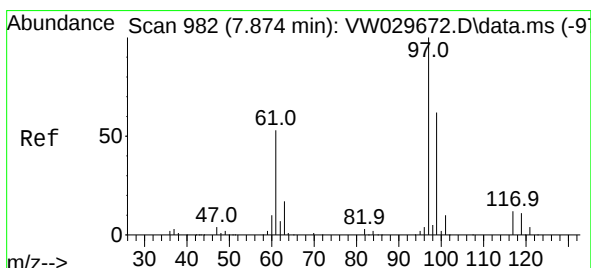
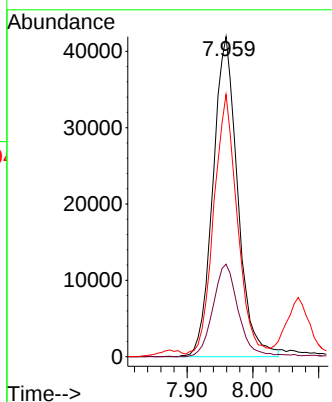
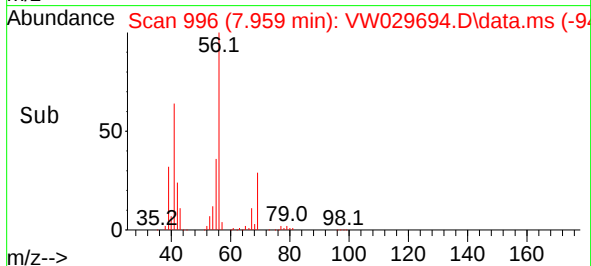
ClientSampleId :



Tgt Ion: 56 Resp: 109705

Ion Ratio Lower Upper

56	100		
69	29.2	23.3	34.9
84	78.7	63.1	94.7



#30

1,1,1-Trichloroethane

Concen: 23.993 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

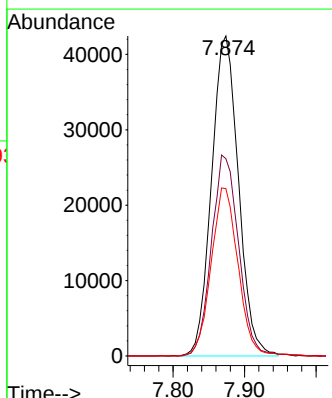
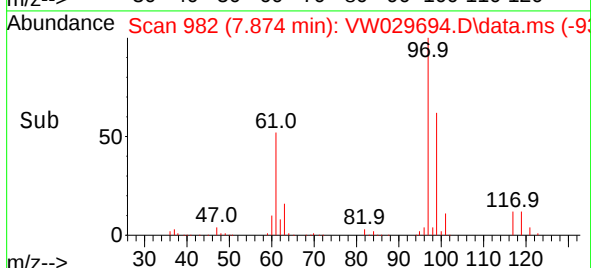
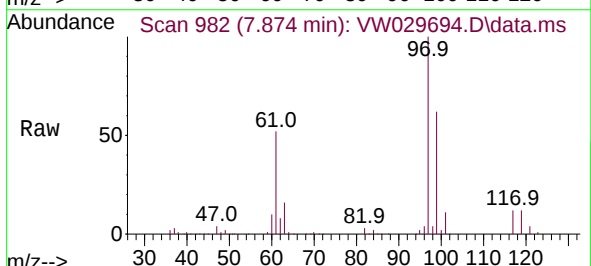
Lab File: VW029694.D

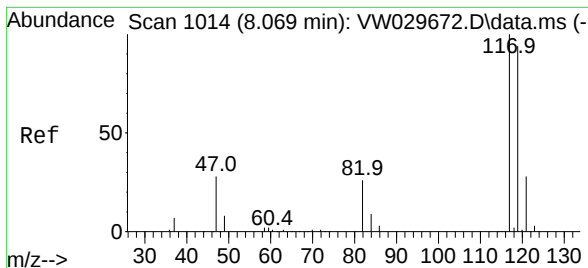
Acq: 22 Jul 2024 19:26

Tgt Ion: 97 Resp: 110977

Ion Ratio Lower Upper

97	100		
99	63.4	51.1	76.7
61	52.3	40.6	61.0





#31

Carbon tetrachloride

Concen: 23.057 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Instrument :

MSVOA_W

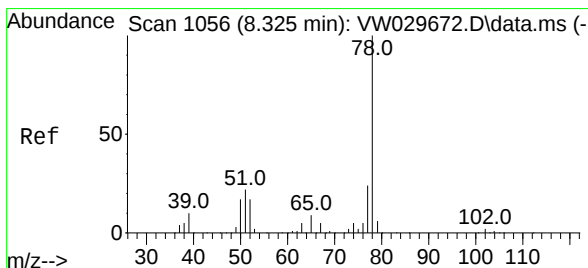
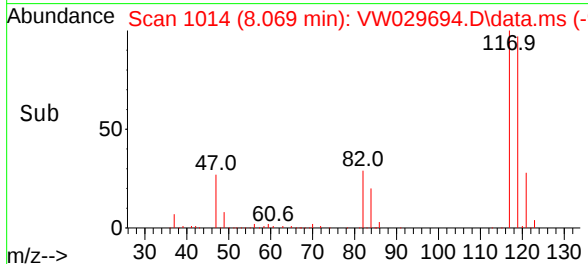
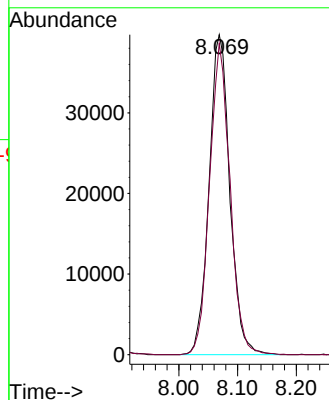
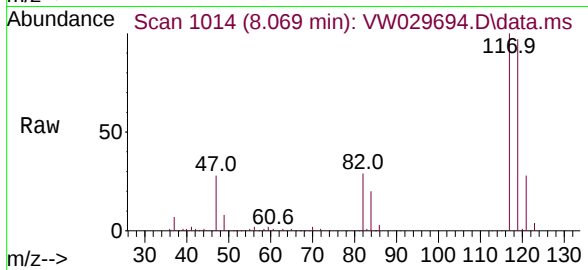
ClientSampleId :

Tgt Ion:117 Resp: 97671

Ion Ratio Lower Upper

117 100

119 95.7 77.0 115.6



#33

Benzene

Concen: 23.844 ug/L

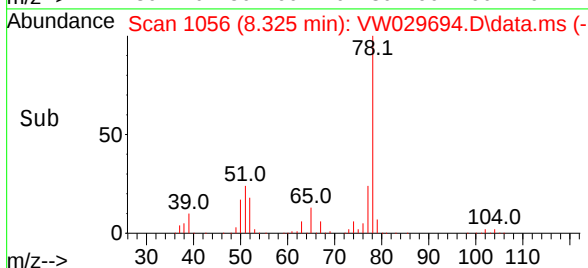
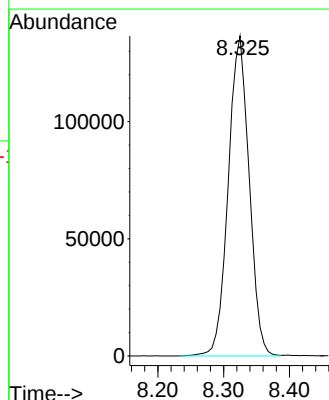
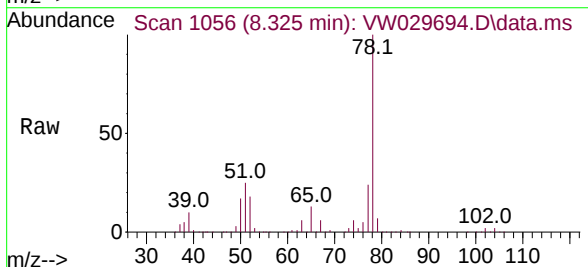
RT: 8.325 min Scan# 1056

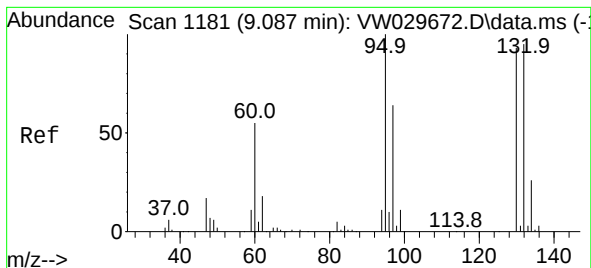
Delta R.T. -0.000 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Tgt Ion: 78 Resp: 302172





#34

Trichloroethene

Concen: 23.014 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

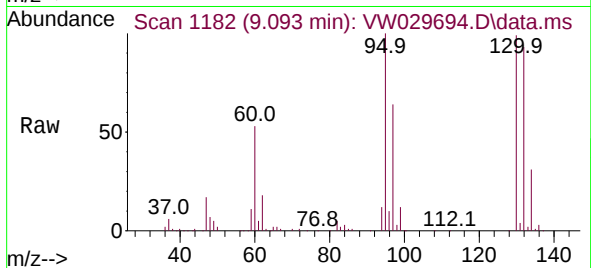
Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 77021

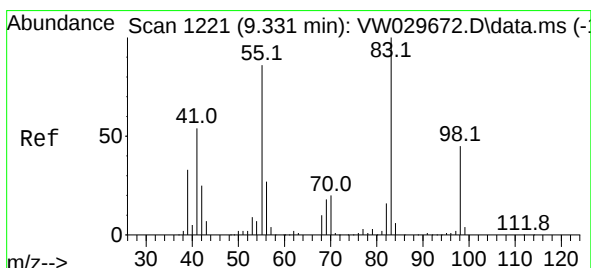
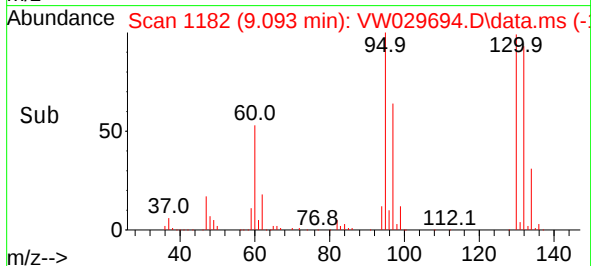
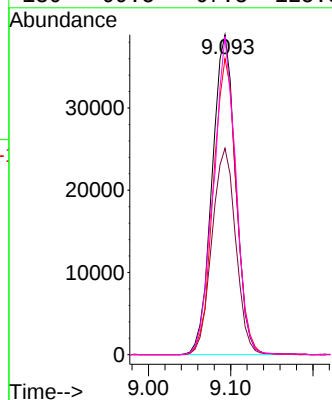
Ion Ratio Lower Upper

95 100

97 64.5 47.3 87.9

132 92.5 65.8 122.2

130 99.5 67.8 125.8



#35

Methylcyclohexane

Concen: 22.986 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

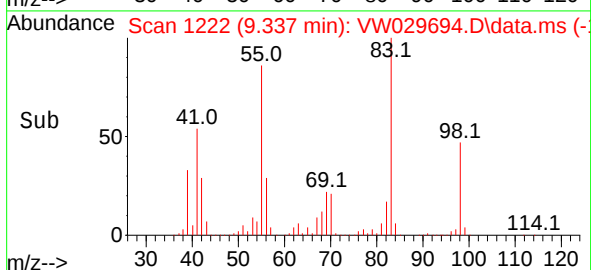
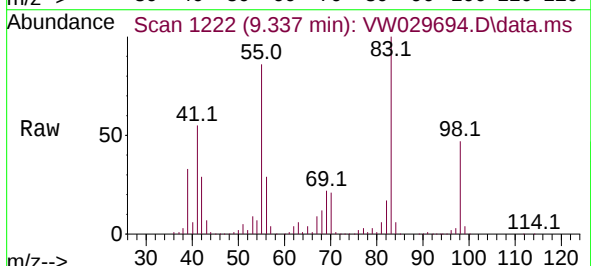
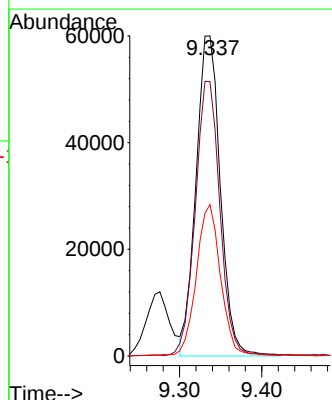
Tgt Ion: 83 Resp: 123645

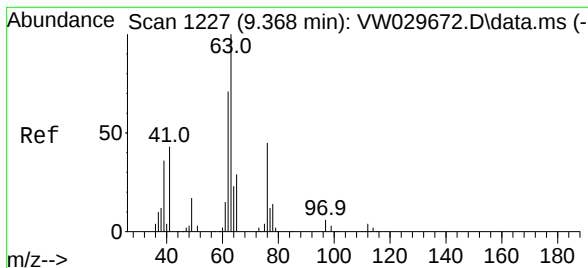
Ion Ratio Lower Upper

83 100

55 86.0 69.6 104.4

98 47.0 38.3 57.5





#37

1,2-Dichloropropane

Concen: 25.461 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Instrument :

MSVOA_W

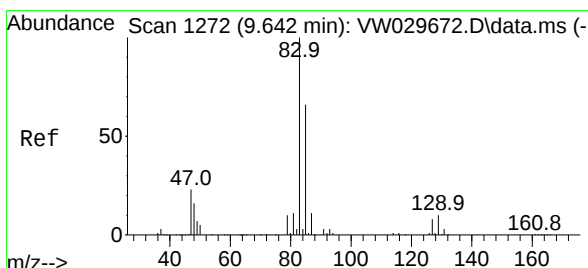
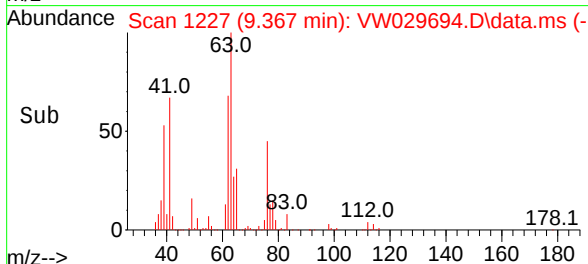
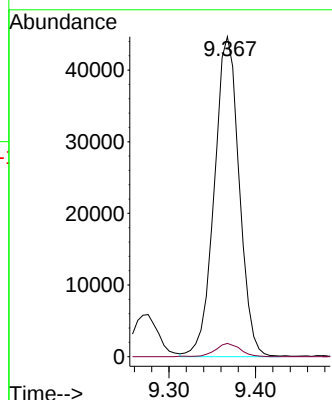
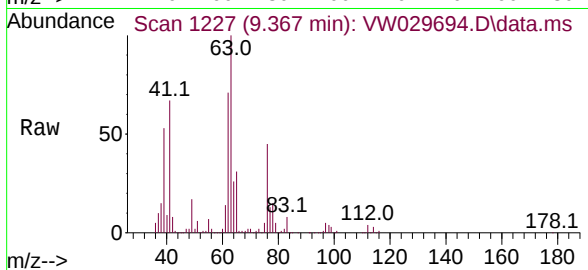
ClientSampleId :

Tgt Ion: 63 Resp: 89227

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 25.130 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

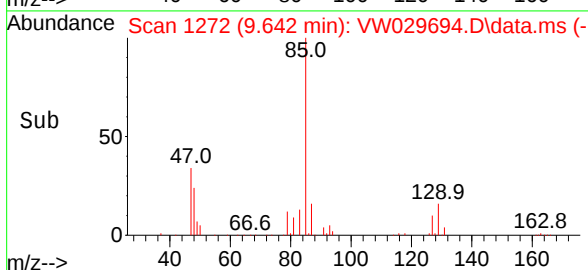
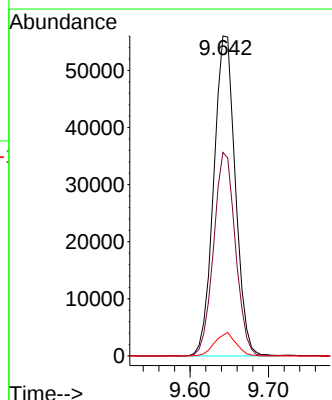
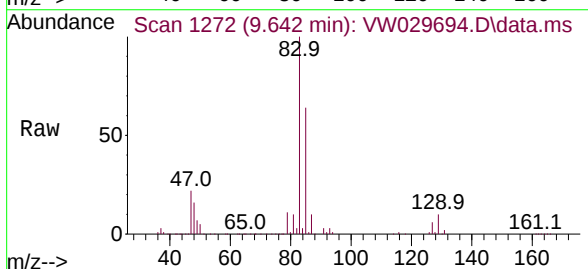
Tgt Ion: 83 Resp: 107568

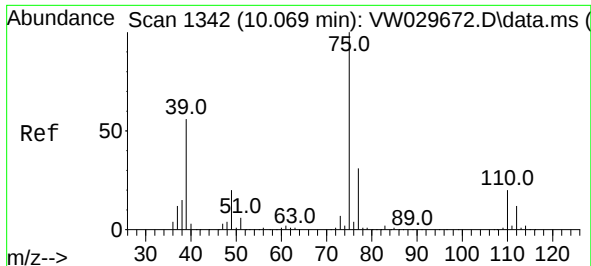
Ion Ratio Lower Upper

83 100

85 63.6 46.1 85.5

127 6.4 6.1 9.1

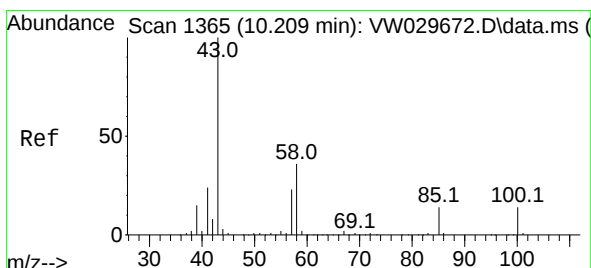
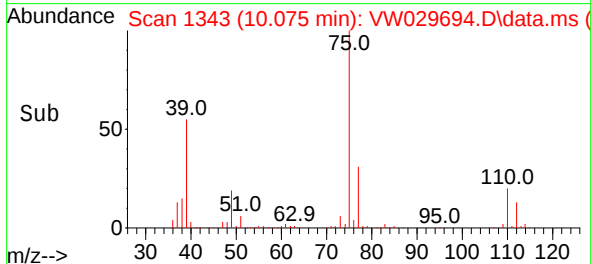
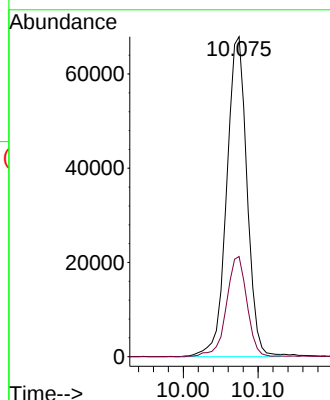
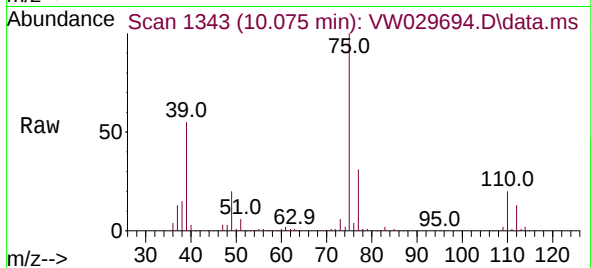




#39
cis-1,3-Dichloropropene
Concen: 24.459 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW029694.D
Acq: 22 Jul 2024 19:26

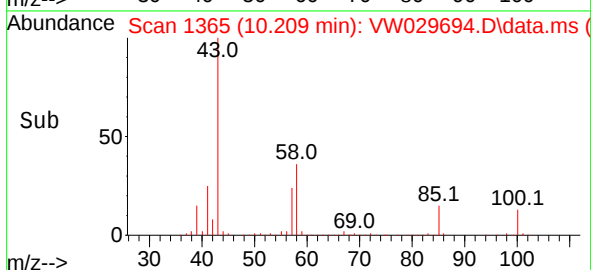
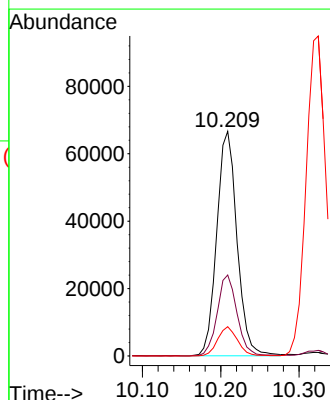
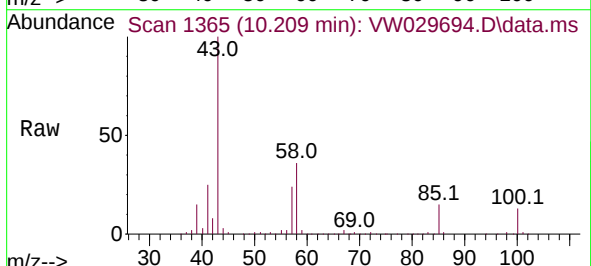
Instrument :
MSVOA_W
ClientSampleId :

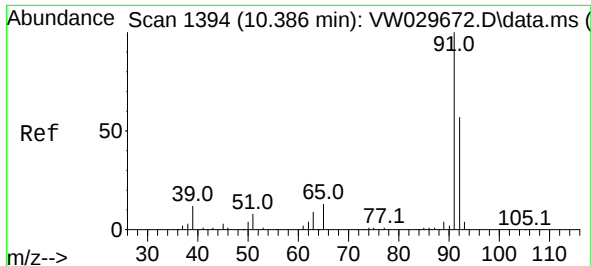
Tgt Ion: 75 Resp: 128743
Ion Ratio Lower Upper
75 100
77 31.3 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 48.551 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW029694.D
Acq: 22 Jul 2024 19:26

Tgt Ion: 43 Resp: 119914
Ion Ratio Lower Upper
43 100
58 35.6 29.0 43.6
100 12.7 10.5 15.7

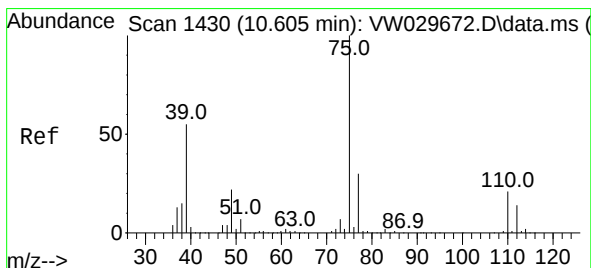
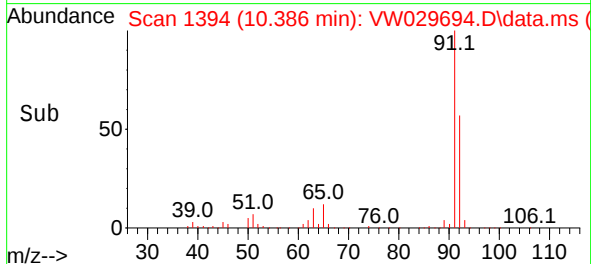
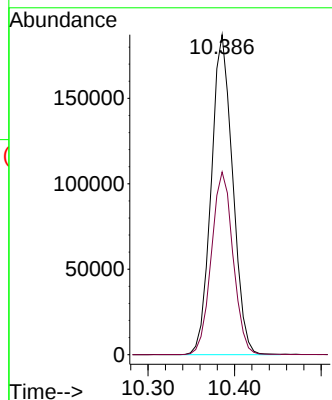
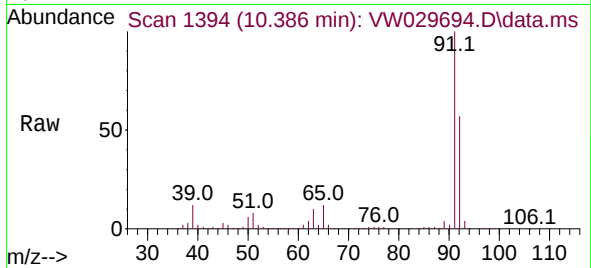




#42
Toluene
Concen: 24.796 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW029694.D
Acq: 22 Jul 2024 19:26

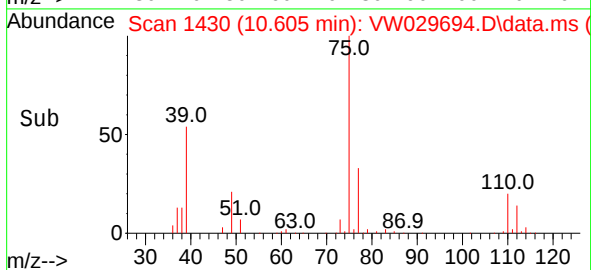
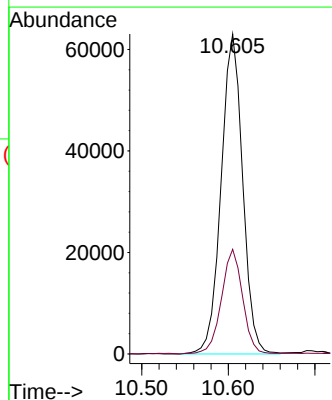
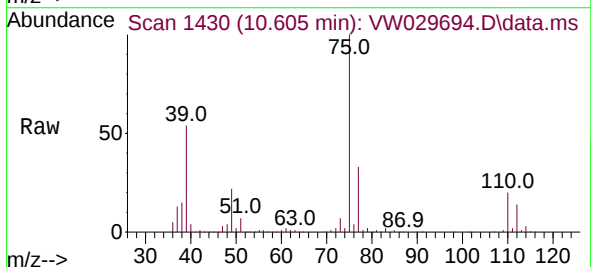
Instrument :
MSVOA_W
ClientSampleId :

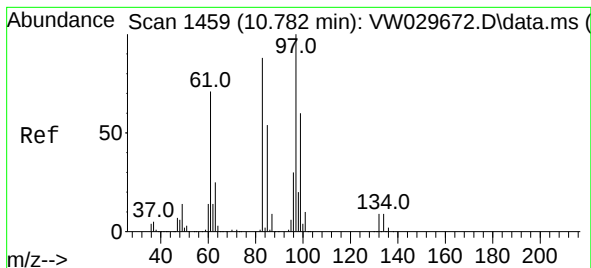
Tgt Ion: 91 Resp: 321482
Ion Ratio Lower Upper
91 100
92 57.1 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 24.143 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029694.D
Acq: 22 Jul 2024 19:26

Tgt Ion: 75 Resp: 108921
Ion Ratio Lower Upper
75 100
77 32.7 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 24.388 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 61466

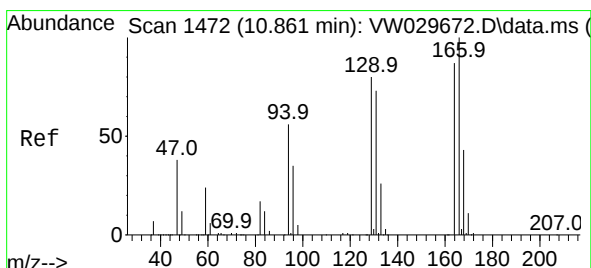
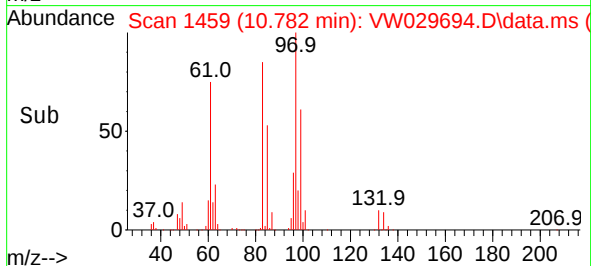
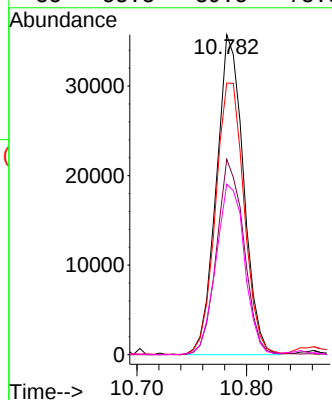
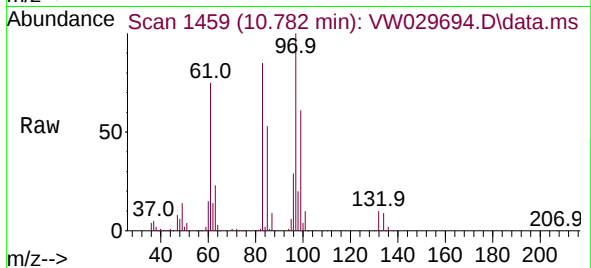
Ion Ratio Lower Upper

97 100

99 61.0 43.8 81.4

83 84.9 60.3 111.9

85 53.3 39.5 73.3



#46

Tetrachloroethene

Concen: 23.001 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Tgt Ion:164 Resp: 54687

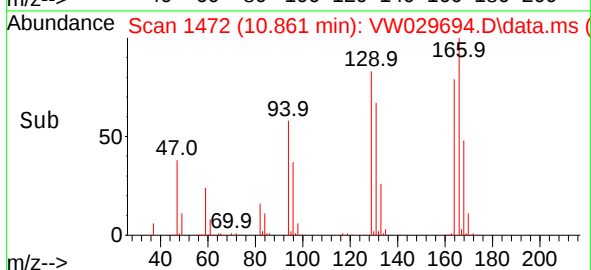
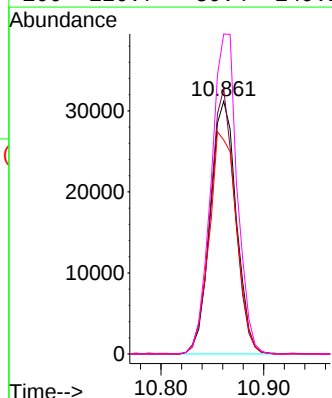
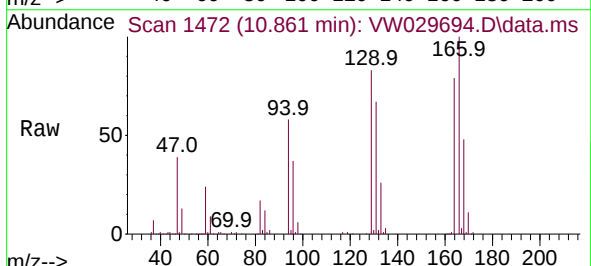
Ion Ratio Lower Upper

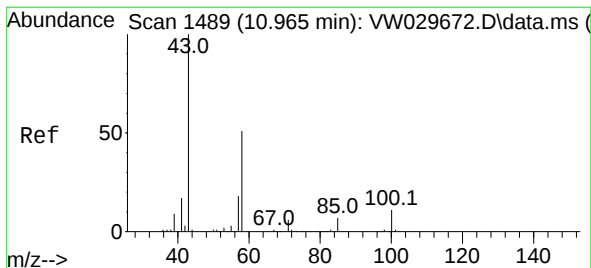
164 100

129 105.0 60.0 111.4

131 84.7 64.6 120.0

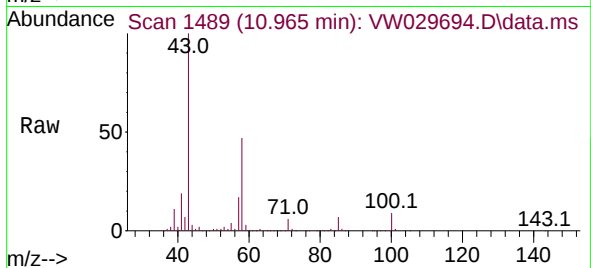
166 126.7 80.4 149.2



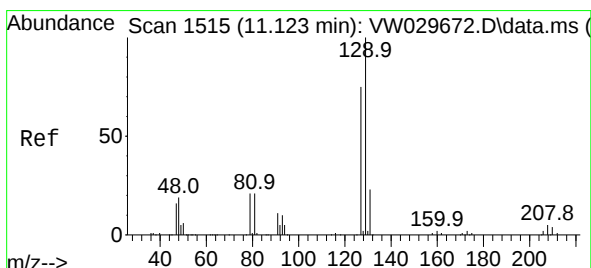
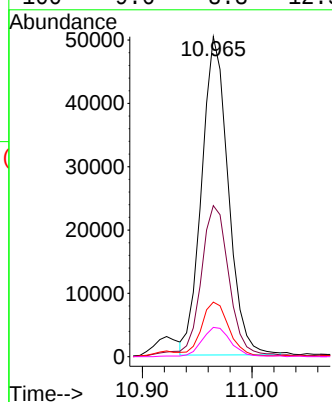
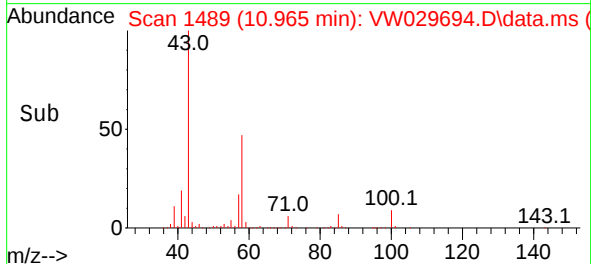


#48
2-Hexanone
Concen: 45.612 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029694.D
Acq: 22 Jul 2024 19:26

Instrument :
MSVOA_W
ClientSampleId :

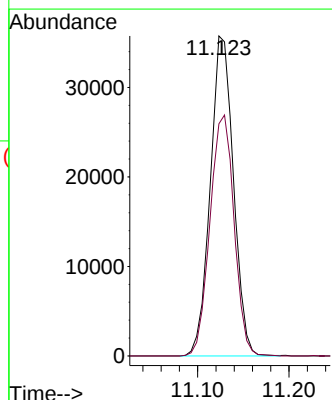
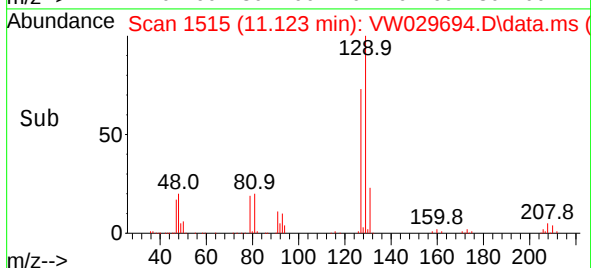
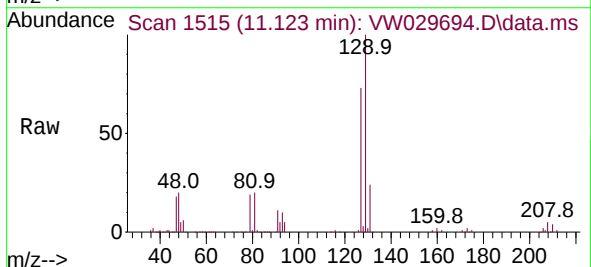


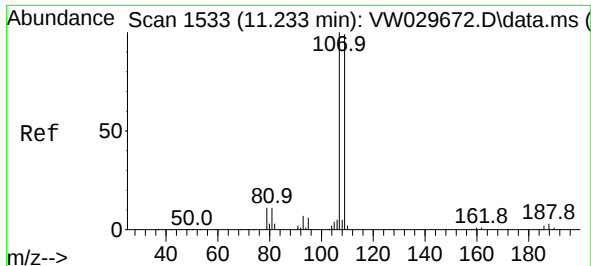
Tgt Ion: 43 Resp: 84633
Ion Ratio Lower Upper
43 100
58 51.5 39.8 59.8
57 18.0 14.6 21.8
100 9.6 8.3 12.5



#49
Dibromochloromethane
Concen: 23.977 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW029694.D
Acq: 22 Jul 2024 19:26

Tgt Ion:129 Resp: 62889
Ion Ratio Lower Upper
129 100
127 72.5 51.9 96.3





#50

1,2-Dibromoethane

Concen: 23.051 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

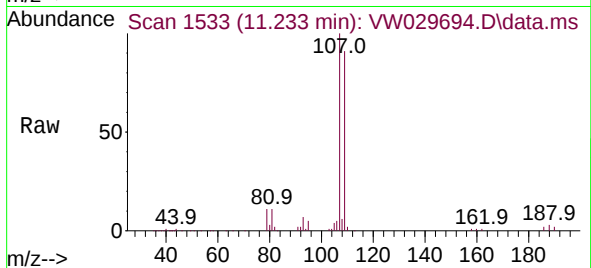
Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Instrument :

MSVOA_W

ClientSampleId :



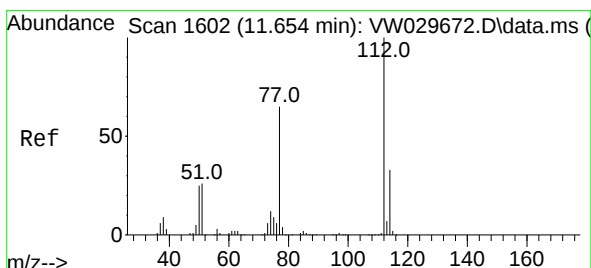
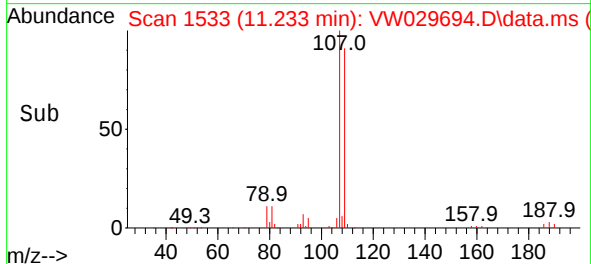
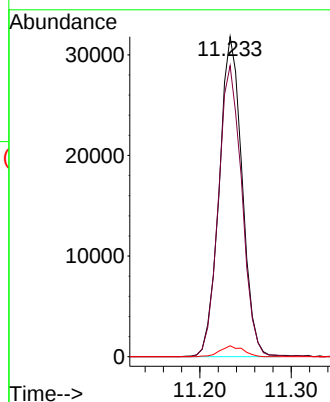
Tgt Ion:107 Resp: 55364

Ion Ratio Lower Upper

107 100

109 90.9 63.2 117.4

188 3.4 2.9 4.3



#51

Chlorobenzene

Concen: 24.044 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

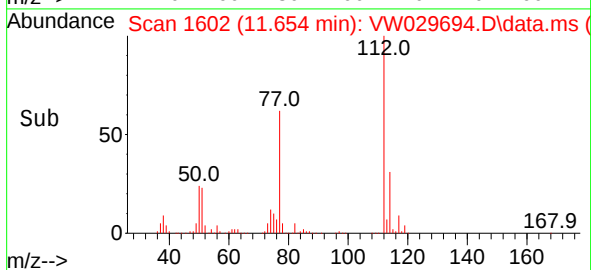
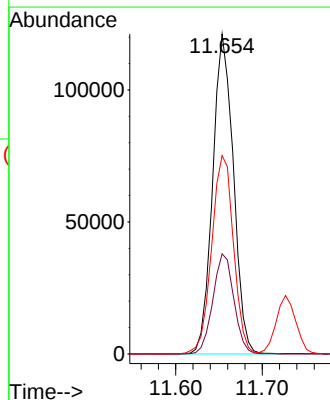
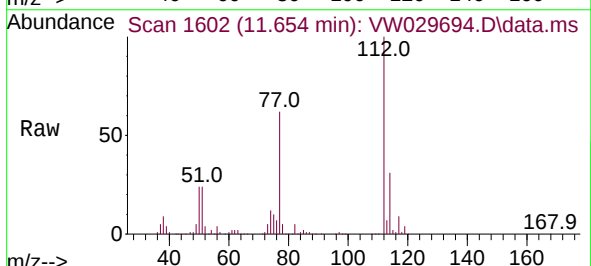
Tgt Ion:112 Resp: 201519

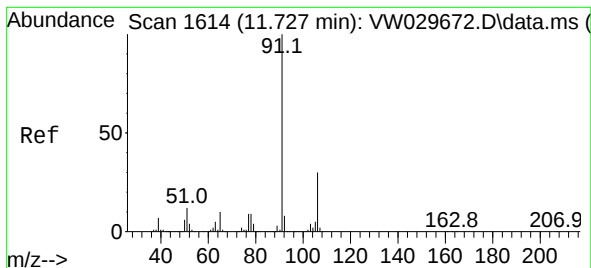
Ion Ratio Lower Upper

112 100

114 31.3 22.6 42.0

77 62.0 49.9 74.9





#52

Ethylbenzene

Concen: 24.792 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Instrument :

MSVOA_W

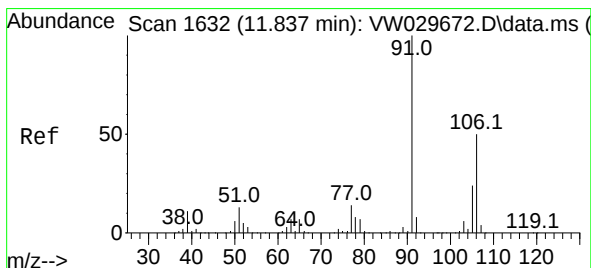
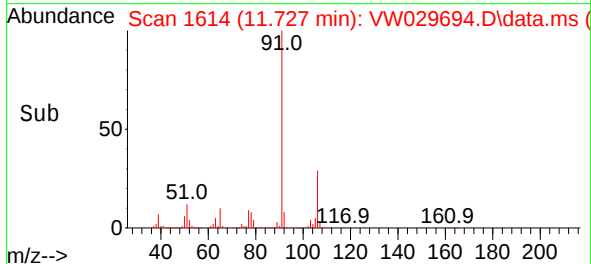
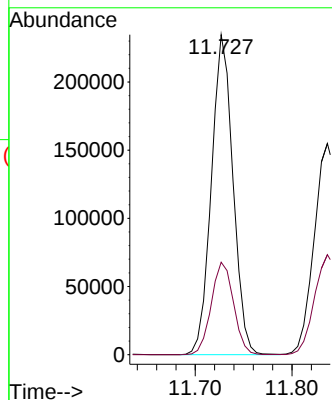
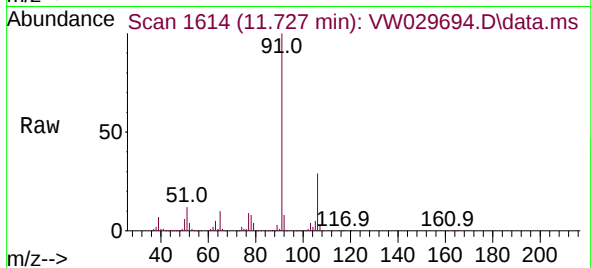
ClientSampleId :

Tgt Ion: 91 Resp: 364161

Ion Ratio Lower Upper

91 100

106 28.9 20.2 37.6



#53

m,p-Xylene

Concen: 24.936 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029694.D

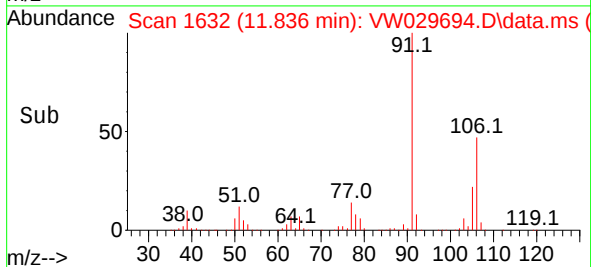
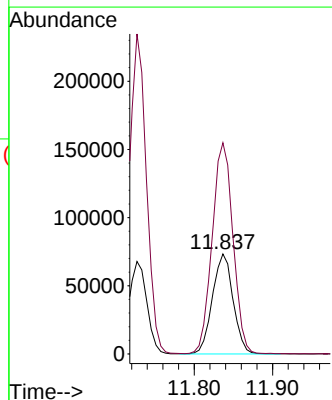
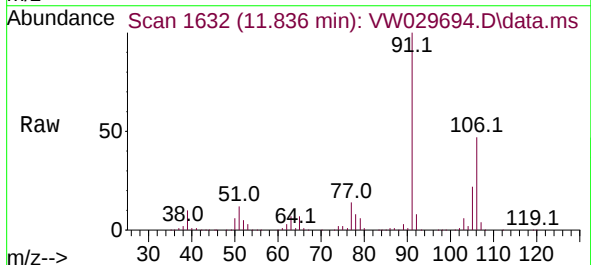
Acq: 22 Jul 2024 19:26

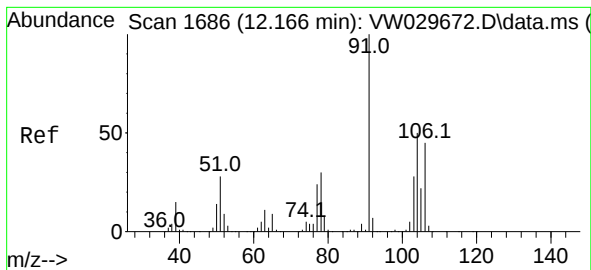
Tgt Ion:106 Resp: 134462

Ion Ratio Lower Upper

106 100

91 211.1 149.3 277.3





#54

o-Xylene

Concen: 25.932 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Instrument :

MSVOA_W

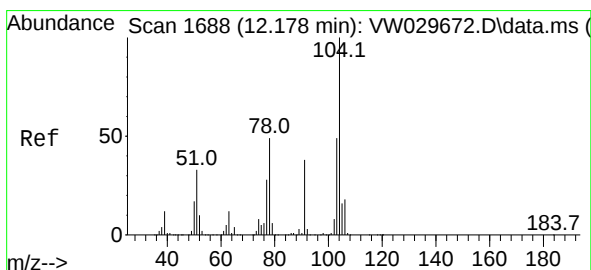
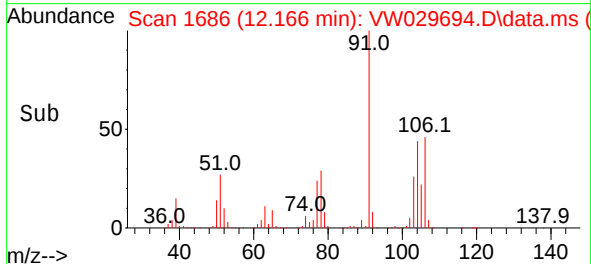
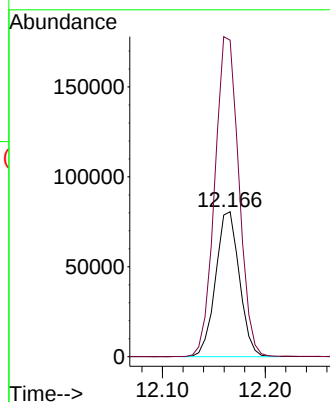
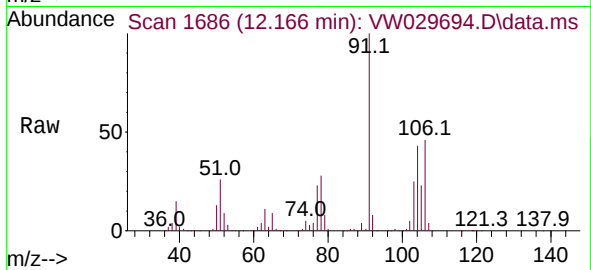
ClientSampleId :

Tgt Ion:106 Resp: 129334

Ion Ratio Lower Upper

106 100

91 218.3 159.2 295.6



#55

Styrene

Concen: 26.284 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029694.D

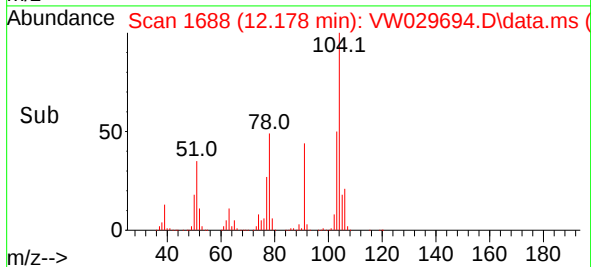
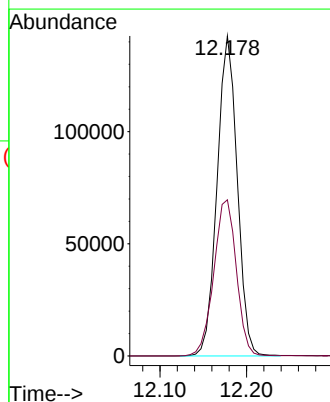
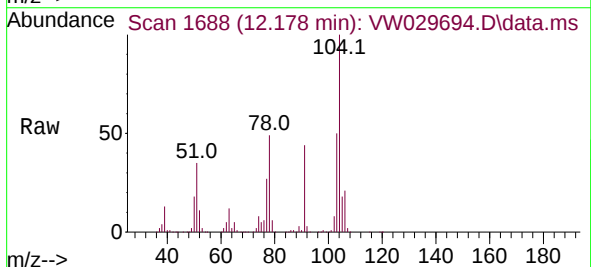
Acq: 22 Jul 2024 19:26

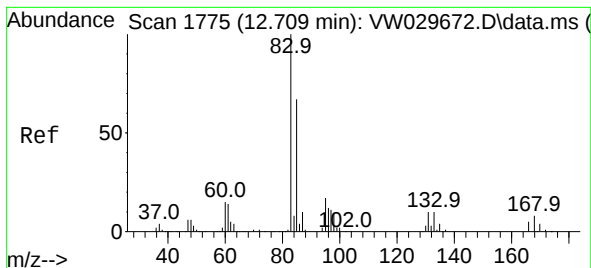
Tgt Ion:104 Resp: 230506

Ion Ratio Lower Upper

104 100

78 48.8 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 24.243 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Instrument :

MSVOA_W

ClientSampleId :

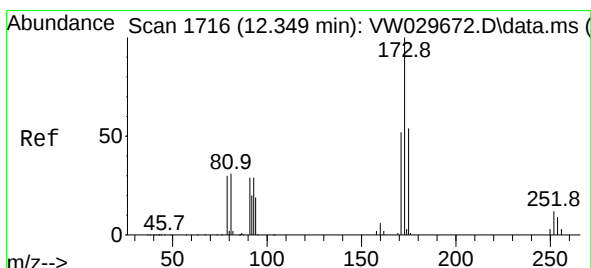
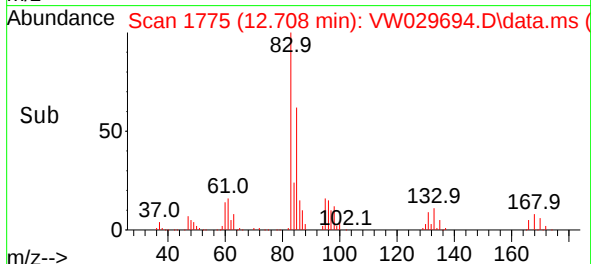
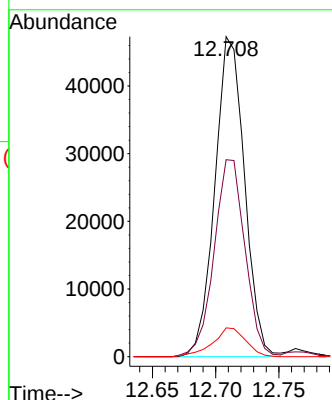
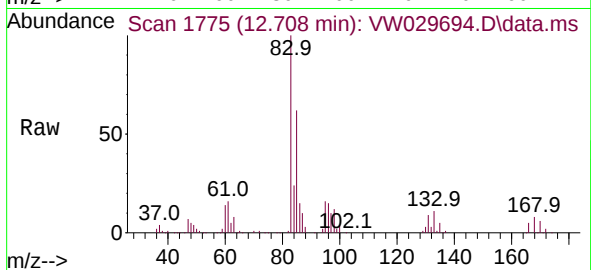
Tgt Ion: 83 Resp: 77072

Ion Ratio Lower Upper

83 100

85 61.5 45.4 84.4

131 9.0 6.4 9.6



#59

Bromoform

Concen: 23.538 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

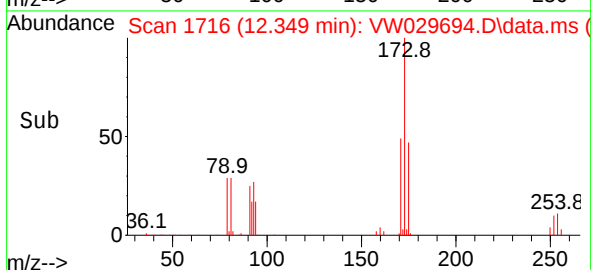
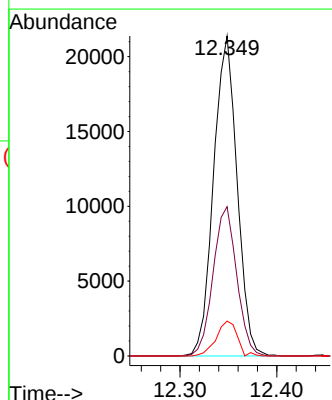
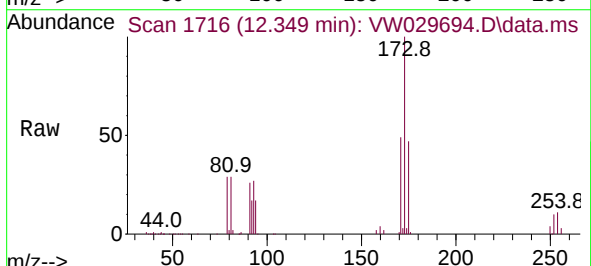
Tgt Ion:173 Resp: 36075

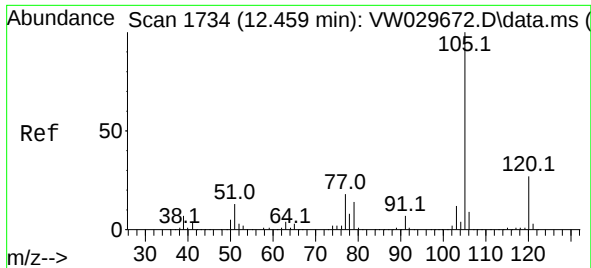
Ion Ratio Lower Upper

173 100

175 46.9 40.4 60.6

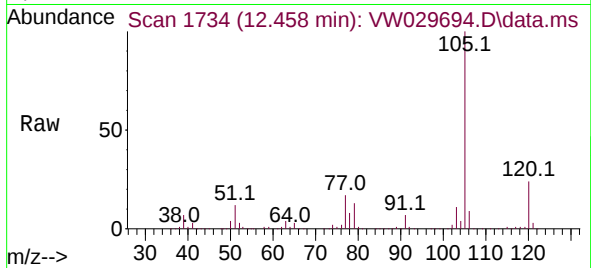
254 9.4 8.8 13.2



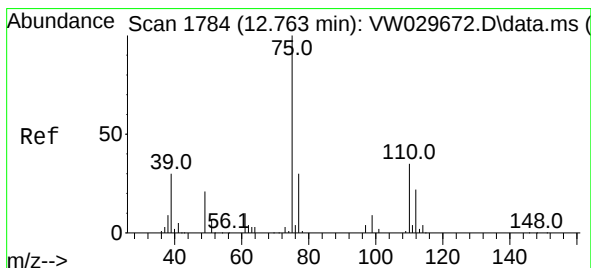
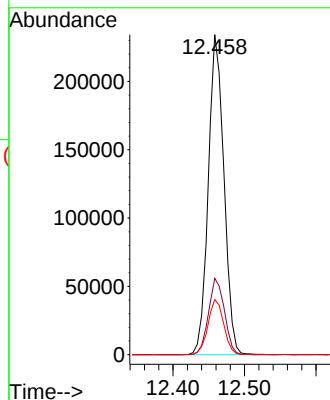
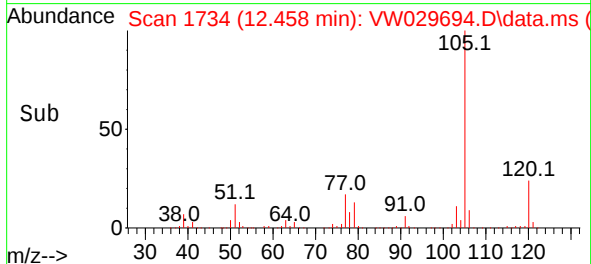


#60
Isopropylbenzene
Concen: 25.442 ug/L
RT: 12.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029694.D
Acq: 22 Jul 2024 19:26

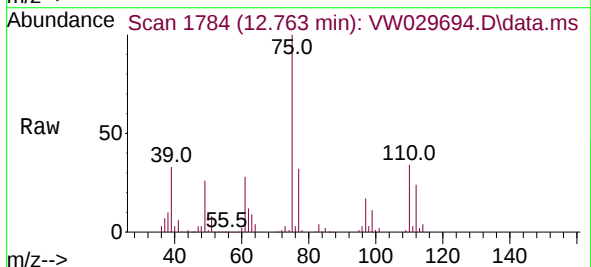
Instrument :
MSVOA_W
ClientSampleId :



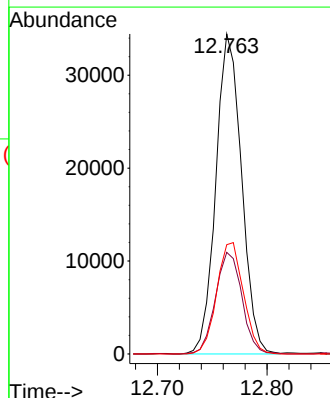
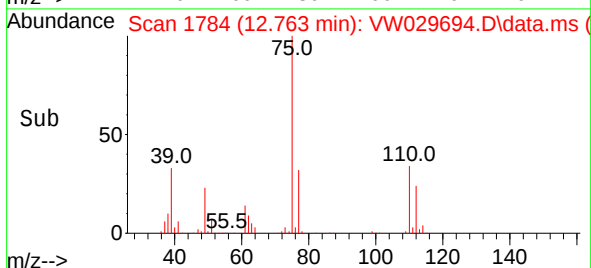
Tgt Ion:105 Resp: 355429
Ion Ratio Lower Upper
105 100
120 24.3 20.2 30.4
77 17.4 13.6 20.4

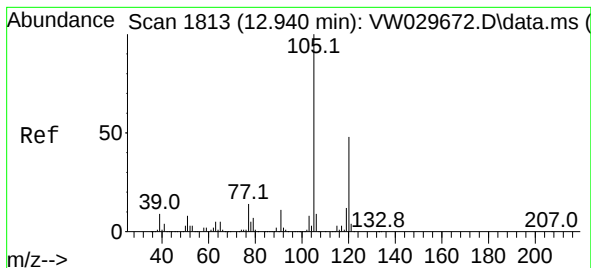


#61
1,2,3-Trichloropropane
Concen: 23.354 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029694.D
Acq: 22 Jul 2024 19:26



Tgt Ion: 75 Resp: 56118
Ion Ratio Lower Upper
75 100
77 32.7 25.5 38.3
110 36.2 29.1 43.7

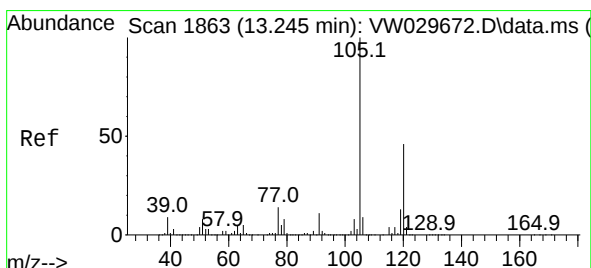
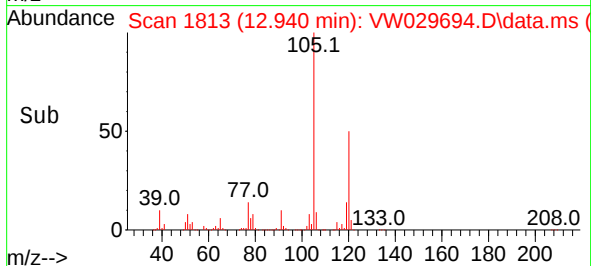
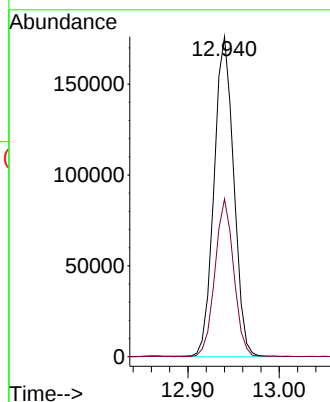
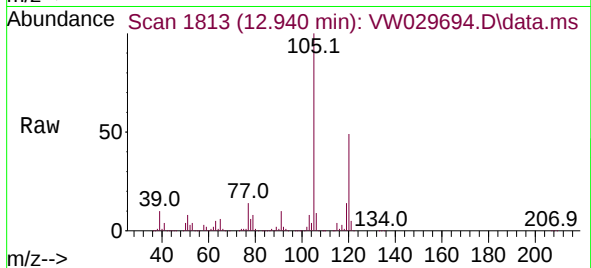




#62
1,3,5-Trimethylbenzene
Concen: 26.606 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029694.D
Acq: 22 Jul 2024 19:26

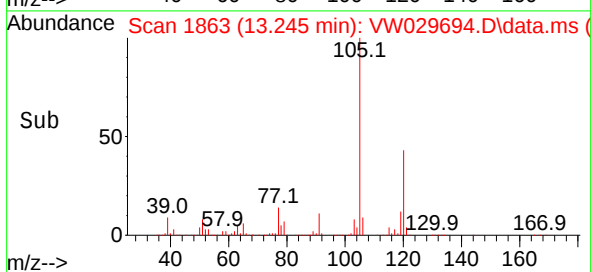
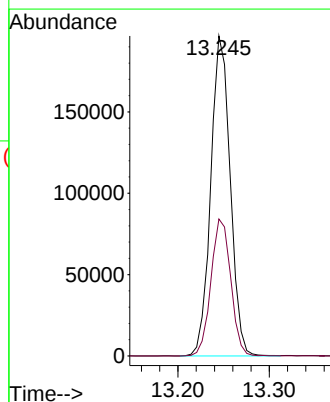
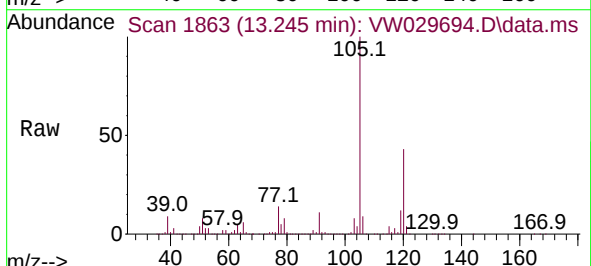
Instrument :
MSVOA_W
ClientSampleId :

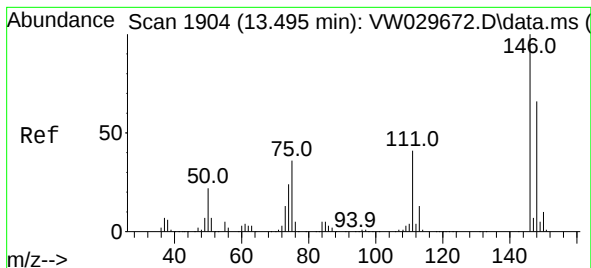
Tgt Ion:105 Resp: 264391
Ion Ratio Lower Upper
105 100
120 47.0 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 26.465 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029694.D
Acq: 22 Jul 2024 19:26

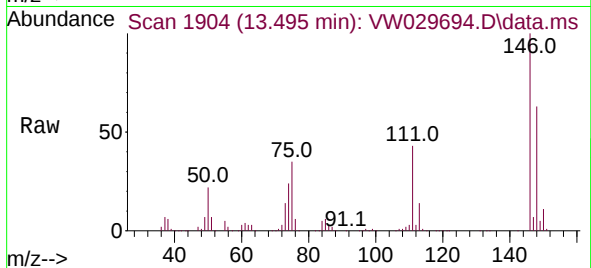
Tgt Ion:105 Resp: 290252
Ion Ratio Lower Upper
105 100
120 43.6 34.7 52.1



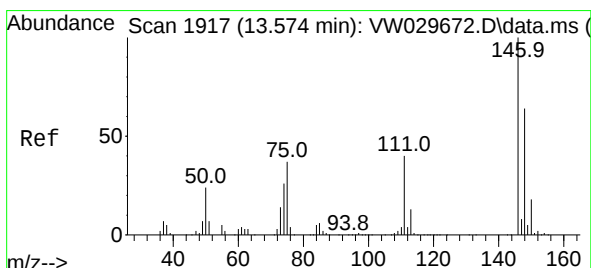
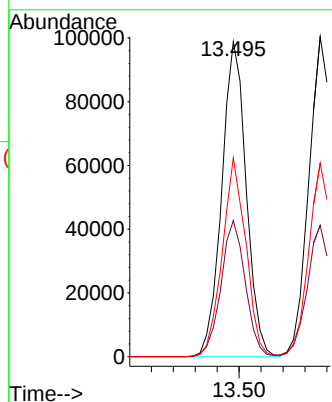
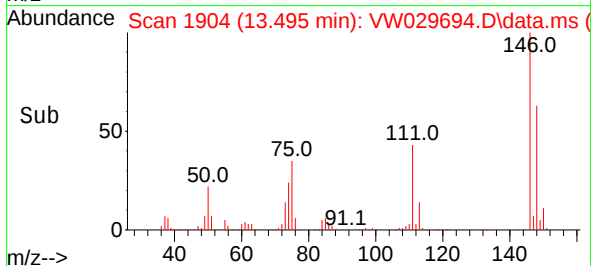


#64
1,3-Dichlorobenzene
Concen: 24.482 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029694.D
Acq: 22 Jul 2024 19:26

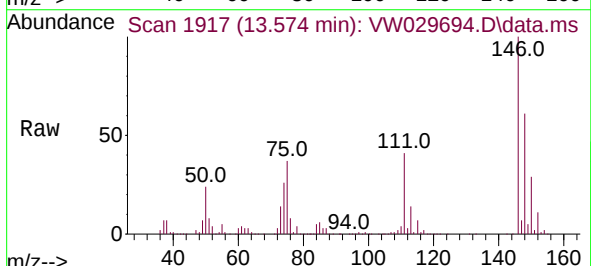
Instrument :
MSVOA_W
ClientSampleId :



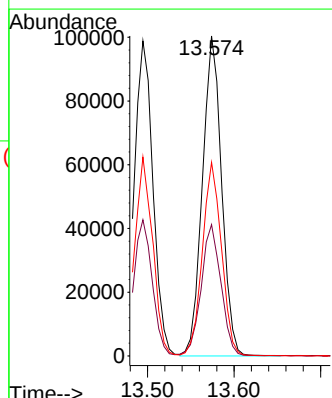
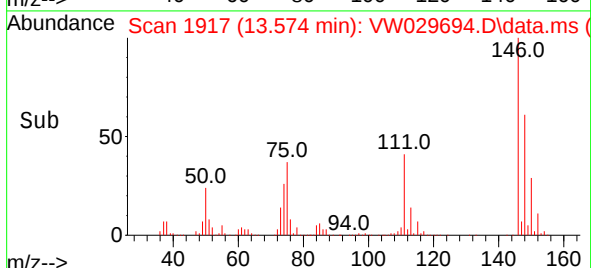
Tgt Ion:146 Resp: 153301
Ion Ratio Lower Upper
146 100
111 43.2 28.6 53.2
148 63.1 43.0 80.0

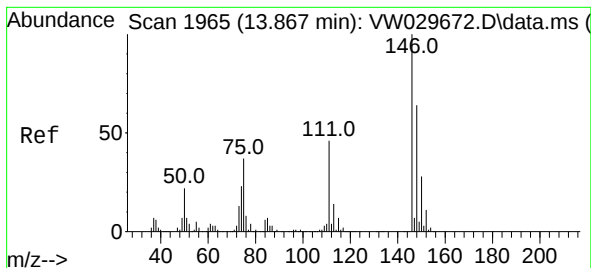


#65
1,4-Dichlorobenzene
Concen: 24.132 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029694.D
Acq: 22 Jul 2024 19:26



Tgt Ion:146 Resp: 154811
Ion Ratio Lower Upper
146 100
111 41.0 27.6 51.4
148 60.5 40.9 75.9





#67

1,2-Dichlorobenzene

Concen: 24.884 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Instrument :

MSVOA_W

ClientSampleId :

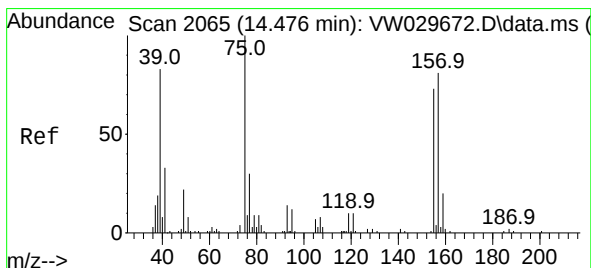
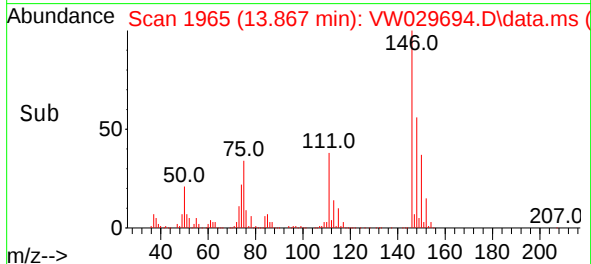
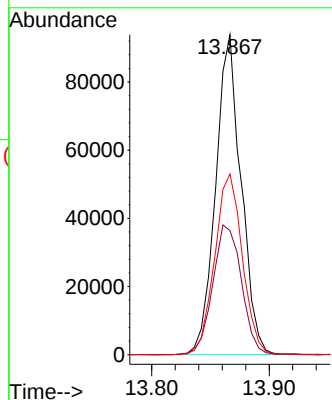
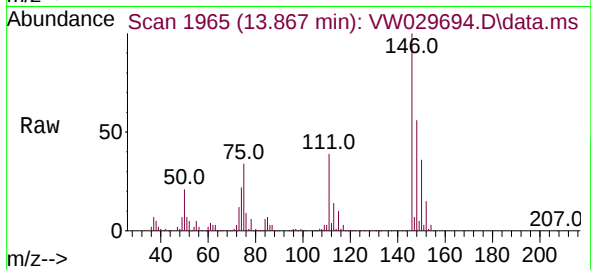
Tgt Ion:146 Resp: 140853

Ion Ratio Lower Upper

146 100

111 38.8 37.1 55.7

148 56.5 50.7 76.1



#68

1,2-Dibromo-3-chloropropane

Concen: 22.256 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

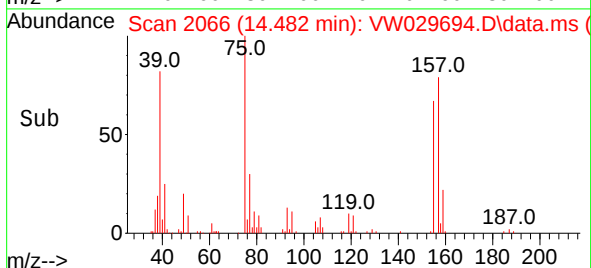
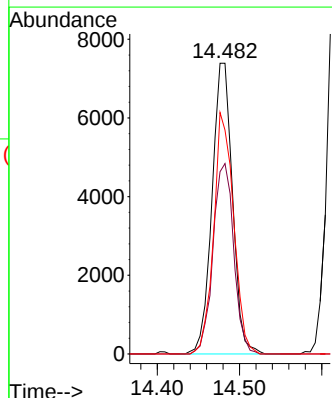
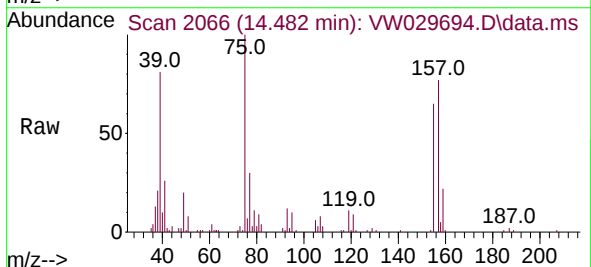
Tgt Ion: 75 Resp: 12785

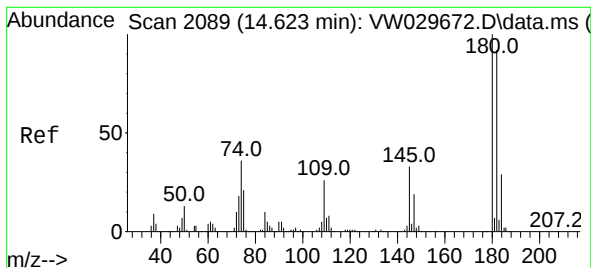
Ion Ratio Lower Upper

75 100

155 65.5 51.2 76.8

157 77.0 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 23.310 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

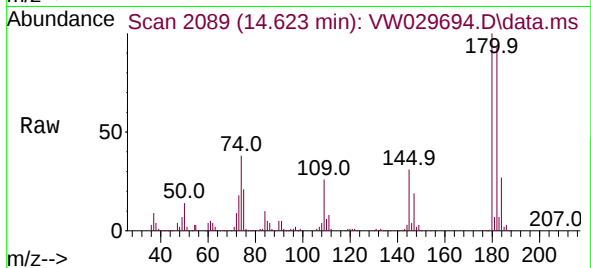
Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 95222

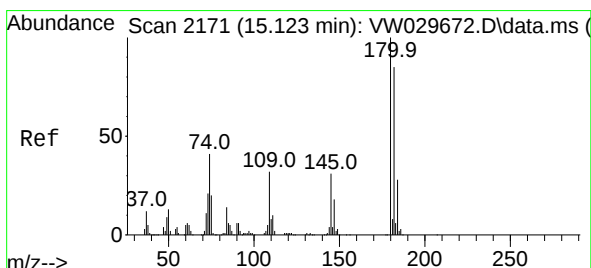
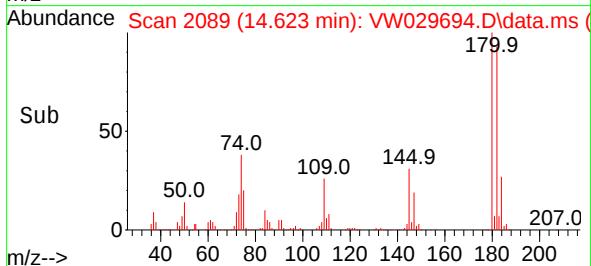
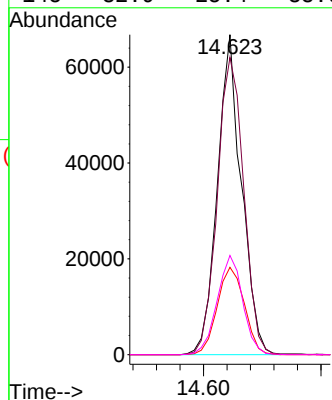
Ion Ratio Lower Upper

180 100

182 101.6 77.9 116.9

184 30.8 24.4 36.6

145 32.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 23.820 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

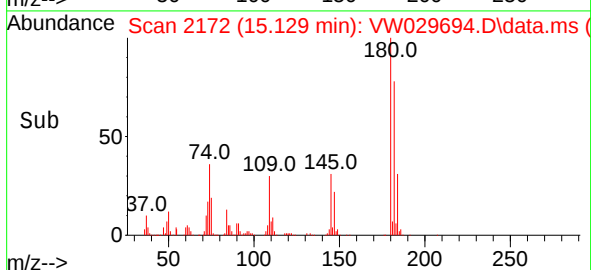
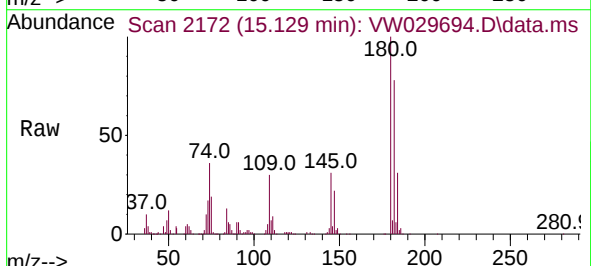
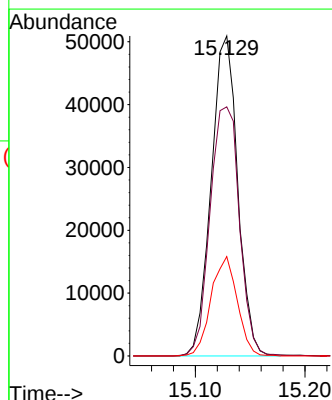
Tgt Ion:180 Resp: 85618

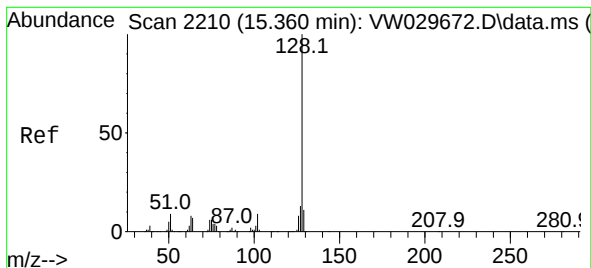
Ion Ratio Lower Upper

180 100

182 86.0 74.7 112.1

145 30.7 26.2 39.2





#71

Naphthalene

Concen: 22.682 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Instrument :

MSVOA_W

ClientSampleId :

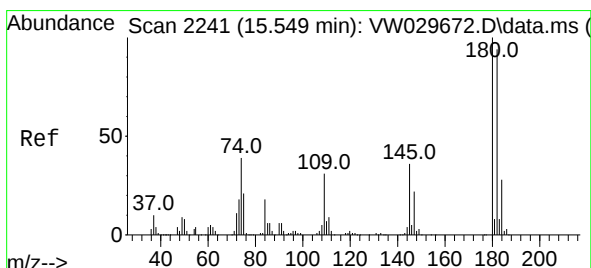
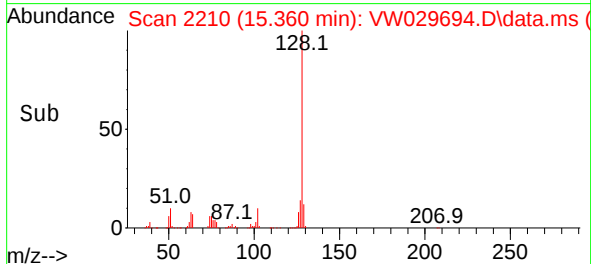
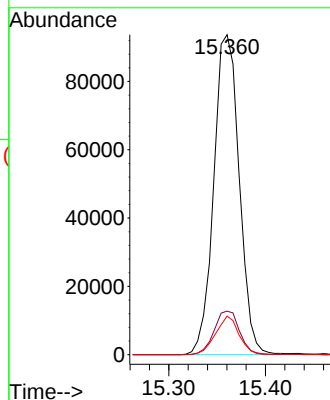
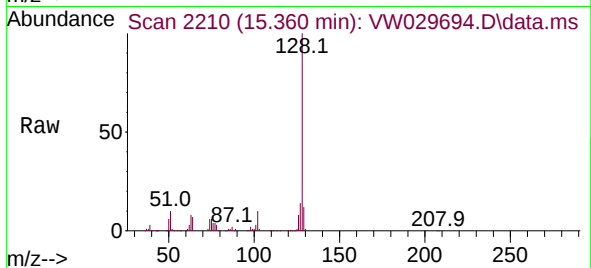
Tgt Ion:128 Resp: 171118

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

129 11.1 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 22.718 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW029694.D

Acq: 22 Jul 2024 19:26

Tgt Ion:180 Resp: 74192

Ion Ratio Lower Upper

180 100

182 95.2 73.4 110.0

145 34.2 26.9 40.3

