

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060724\
 Data File : VW029070.D
 Acq On : 07 Jun 2024 18:17
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 07 23:12:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 07 23:05:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	313191	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	296438	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	147185	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	89541	17.997	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.000%
7) Chloroethane-d5	2.899	69	76968	20.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	4.021	65	43254	19.779	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.120%
21) 2-Butanone-d5	7.075	46	66195	65.117	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.240%
24) Chloroform-d	7.648	84	207721	23.248	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	8.307	65	116783	24.826	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.320%
32) Benzene-d6	8.276	84	410184	22.544	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.160%
36) 1,2-Dichloropropane-d6	9.270	67	130492	23.655	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.600%
41) Toluene-d8	10.318	98	365962	22.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.160%
43) trans-1,3-Dichloroprop...	10.575	79	51052	24.084	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.320%
47) 2-Hexanone-d5	10.922	63	48854	67.108	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	106377	27.757	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	118899	22.765	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	56576	15.820	ug/L	91
3) Chloromethane	2.222	50	98949	22.647	ug/L	99
5) Vinyl chloride	2.375	62	104901	19.835	ug/L	99
6) Bromomethane	2.789	94	66982	21.138	ug/L	97
8) Chloroethane	2.930	64	68992	21.601	ug/L	98
9) Trichlorofluoromethane	3.265	101	81542	18.548	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	85739	19.765	ug/L #	66
12) 1,1-Dichloroethene	4.051	96	87622	22.133	ug/L	92
13) Acetone	4.118	43	52444	49.229	ug/L	100
14) Carbon disulfide	4.393	76	288623	21.534	ug/L	99
15) Methyl Acetate	4.673	43	57652	32.584	ug/L #	79
16) Methylene chloride	4.923	84	109961	23.394	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	104003	24.096	ug/L	91
18) Methyl tert-butyl Ether	5.423	73	174389	28.973	ug/L	99
19) 1,1-Dichloroethane	6.216	63	212033	24.986	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	116763	25.804	ug/L	98
22) 2-Butanone	7.167	43	76389	59.507	ug/L	99
23) Bromochloromethane	7.514	128	50610	25.622	ug/L	96
25) Chloroform	7.673	83	205094	24.884	ug/L	98

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 Response via : Initial Calibration

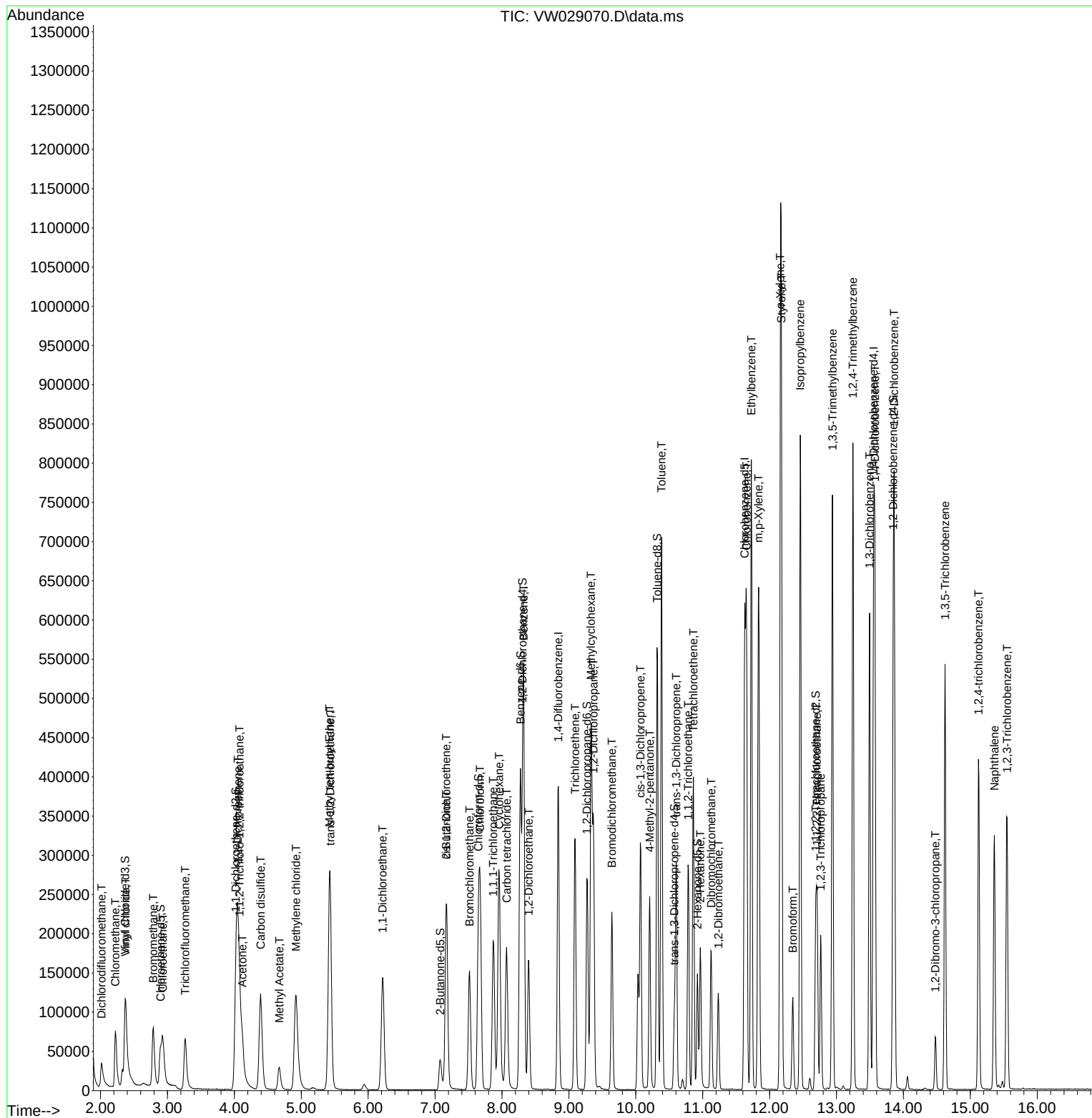
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	149048	26.985	ug/L	99
29) Cyclohexane	7.959	56	164914	22.375	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	154353	22.473	ug/L	99
31) Carbon tetrachloride	8.069	117	136236	21.776	ug/L	100
33) Benzene	8.325	78	454569	24.661	ug/L	100
34) Trichloroethene	9.093	95	115882	23.913	ug/L	98
35) Methylcyclohexane	9.331	83	183432	22.314	ug/L	99
37) 1,2-Dichloropropane	9.367	63	122325	25.342	ug/L	100
38) Bromodichloromethane	9.642	83	147103	24.988	ug/L	95
39) cis-1,3-Dichloropropene	10.068	75	180499	25.731	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	165057	67.229	ug/L	99
42) Toluene	10.386	91	485477	25.782	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	153976	27.227	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	89101	27.332	ug/L	96
46) Tetrachloroethene	10.861	164	86040	23.370	ug/L	91
48) 2-Hexanone	10.965	43	117000	63.561	ug/L	99
49) Dibromochloromethane	11.129	129	91956	26.707	ug/L	97
50) 1,2-Dibromoethane	11.233	107	83149	27.941	ug/L	96
51) Chlorobenzene	11.654	112	304761	25.195	ug/L	94
52) Ethylbenzene	11.727	91	537587	25.127	ug/L	96
53) m,p-Xylene	11.836	106	205162	25.890	ug/L	91
54) o-Xylene	12.160	106	193855	26.420	ug/L	98
55) Styrene	12.178	104	333478	26.361	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	110328	29.980	ug/L	98
59) Bromoform	12.349	173	51656	27.293	ug/L	99
60) Isopropylbenzene	12.458	105	520905	25.007	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	81897	29.498	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	391973	25.873	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	433024	27.045	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	233493	26.084	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	230851	24.692	ug/L	95
67) 1,2-Dichlorobenzene	13.860	146	202549	25.246	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	17395	29.396	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	157884	25.688	ug/L	94
70) 1,2,4-trichlorobenzene	15.122	180	128062	25.708	ug/L	100
71) Naphthalene	15.360	128	268421	31.626	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	115441	27.125	ug/L	99

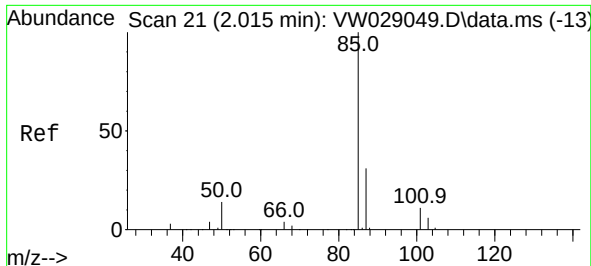
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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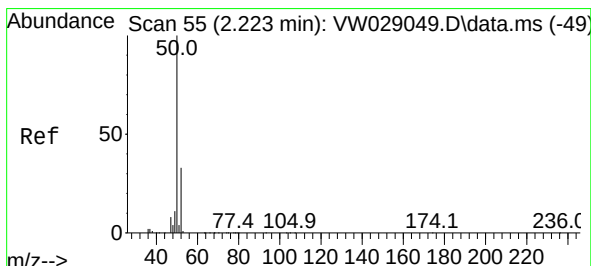
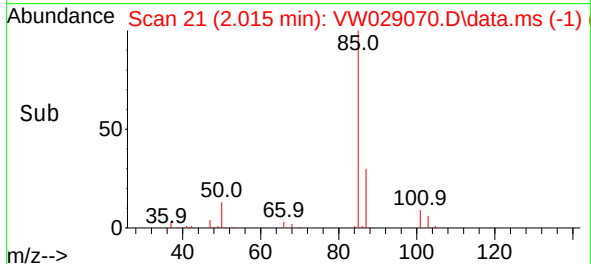
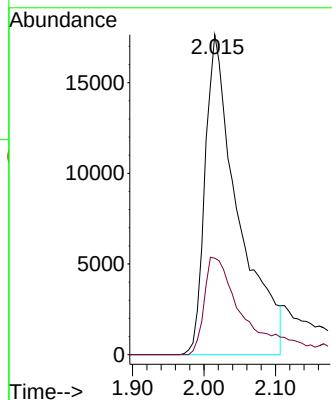
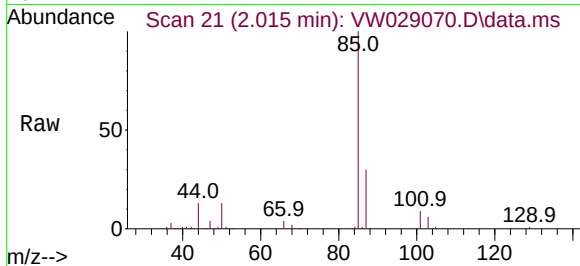




#2
 Dichlorodifluoromethane
 Concen: 15.820 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029070.D
 Acq: 07 Jun 2024 18:17

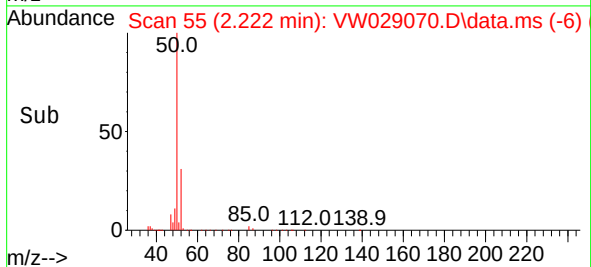
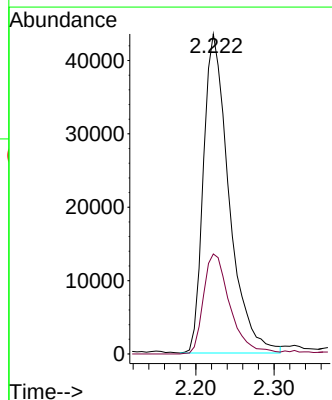
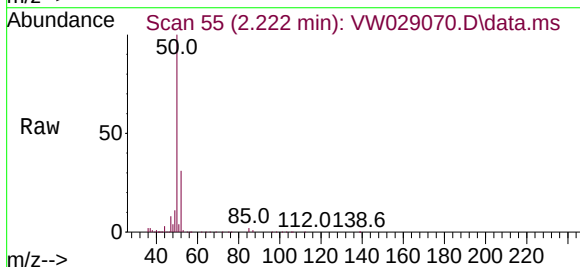
Instrument :
 MSVOA_W
 ClientSampleId :

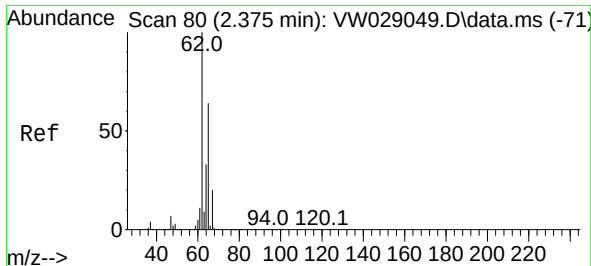
Tgt Ion: 85 Resp: 56576
 Ion Ratio Lower Upper
 85 100
 87 36.7 25.3 37.9



#3
 Chloromethane
 Concen: 22.647 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029070.D
 Acq: 07 Jun 2024 18:17

Tgt Ion: 50 Resp: 98949
 Ion Ratio Lower Upper
 50 100
 52 31.3 22.1 41.1

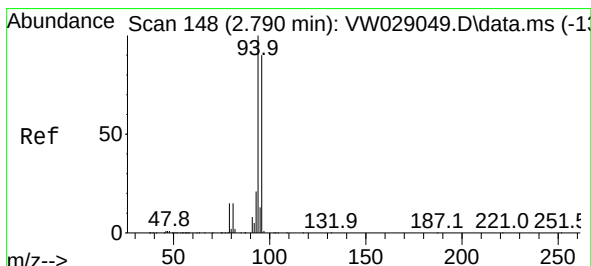
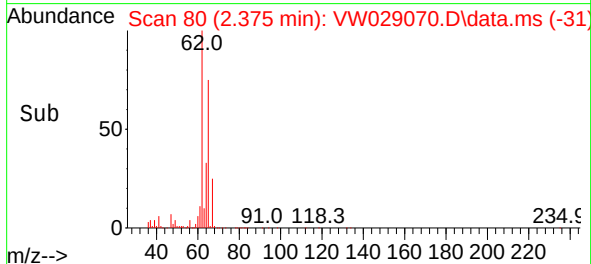
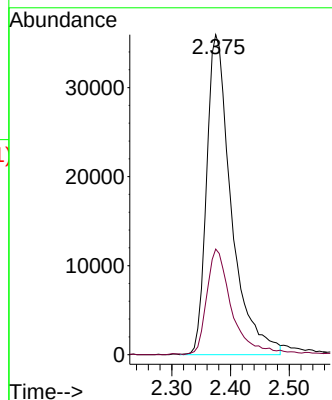
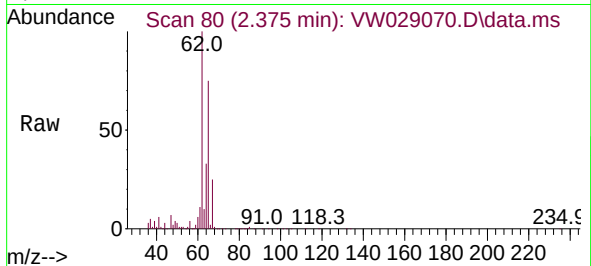




#5
 Vinyl chloride
 Concen: 19.835 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029070.D
 Acq: 07 Jun 2024 18:17

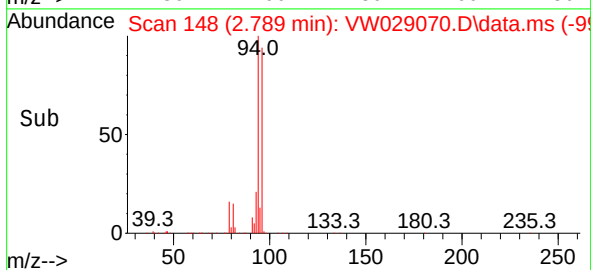
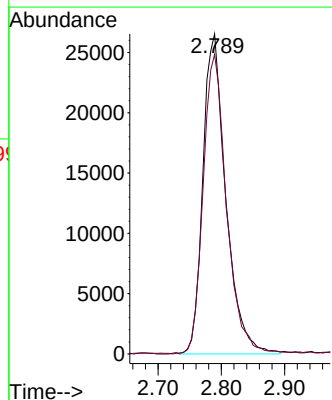
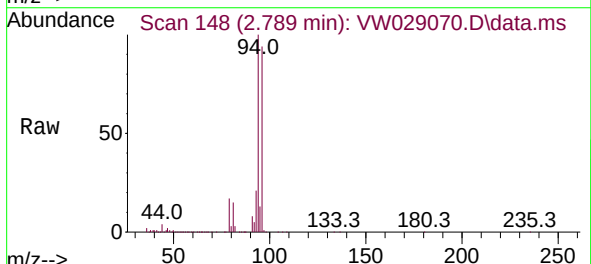
Instrument :
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 ClientSampleId :

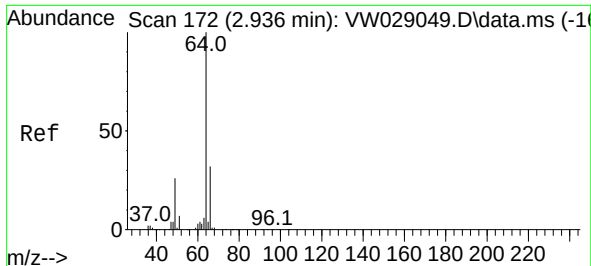
Tgt Ion: 62 Resp: 104901
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.4



#6
 Bromomethane
 Concen: 21.138 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029070.D
 Acq: 07 Jun 2024 18:17

Tgt Ion: 94 Resp: 66982
 Ion Ratio Lower Upper
 94 100
 96 93.6 63.7 118.3





#8

Chloroethane

Concen: 21.601 ug/L

RT: 2.930 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

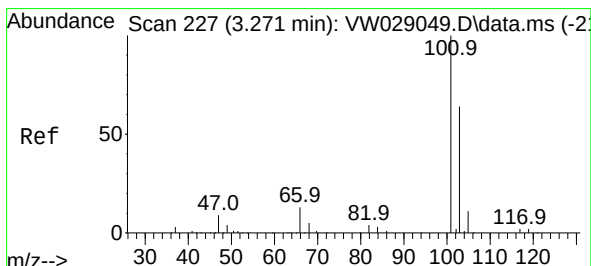
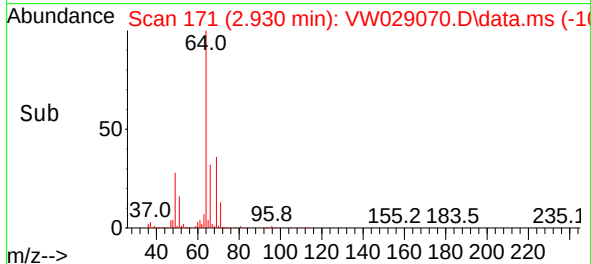
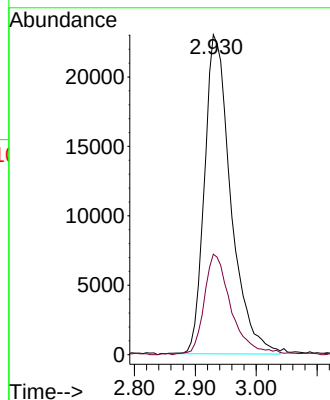
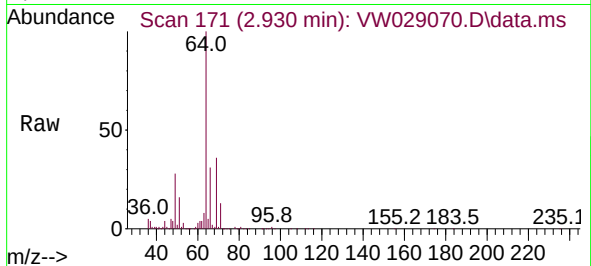
ClientSampleId :

Tgt Ion: 64 Resp: 68992

Ion Ratio Lower Upper

64 100

66 31.4 22.9 42.5



#9

Trichlorofluoromethane

Concen: 18.548 ug/L

RT: 3.265 min Scan# 226

Delta R.T. -0.006 min

Lab File: VW029070.D

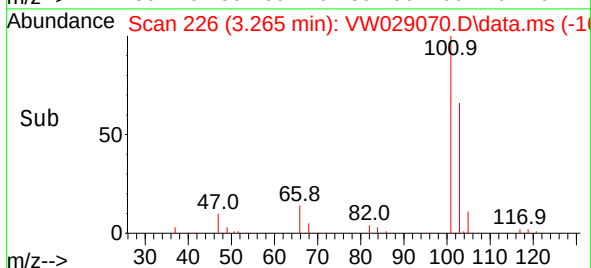
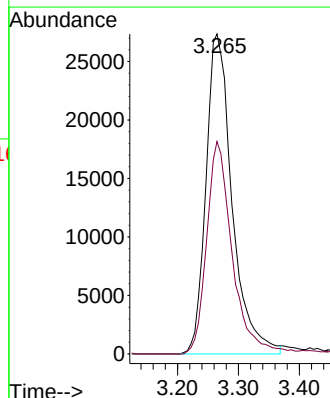
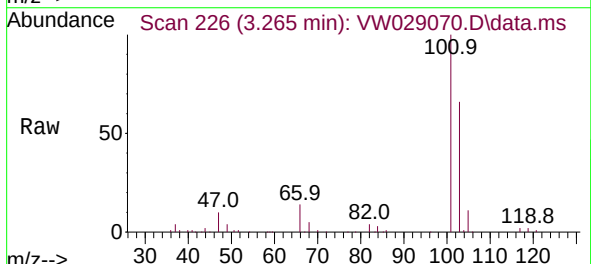
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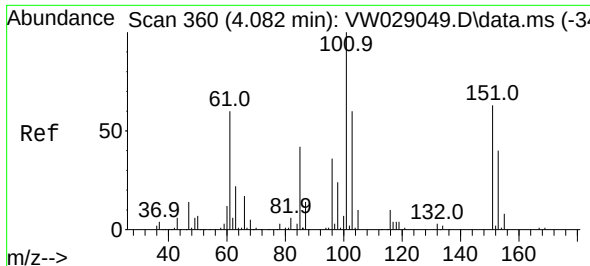
Tgt Ion:101 Resp: 81542

Ion Ratio Lower Upper

101 100

103 65.1 51.3 76.9





#10

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

Concen: 19.765 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

ClientSampleId :

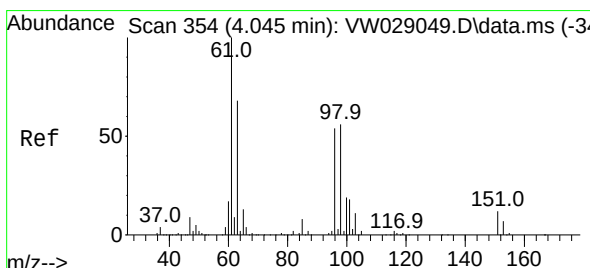
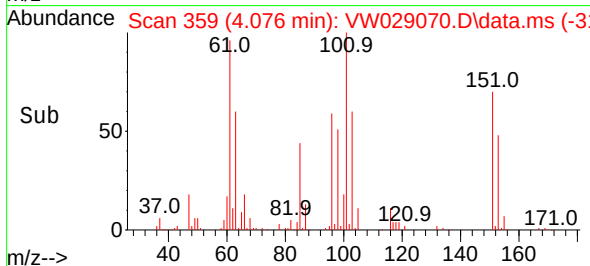
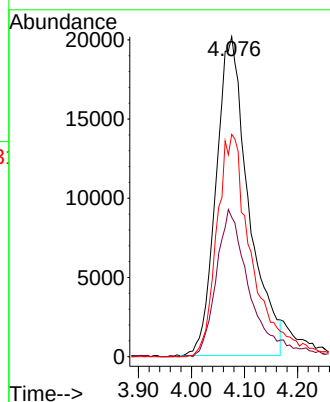
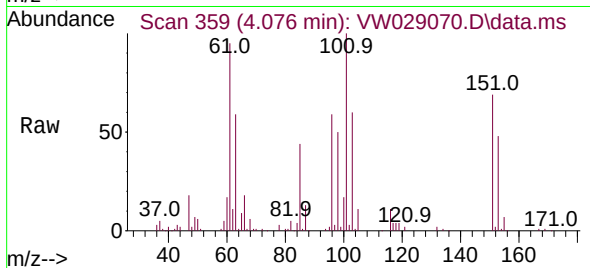
Tgt Ion:101 Resp: 85739

Ion Ratio Lower Upper

101 100

85 44.6 35.8 53.8

151 27.9 58.5 87.7#



#12

1,1-Dichloroethene

Concen: 22.133 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

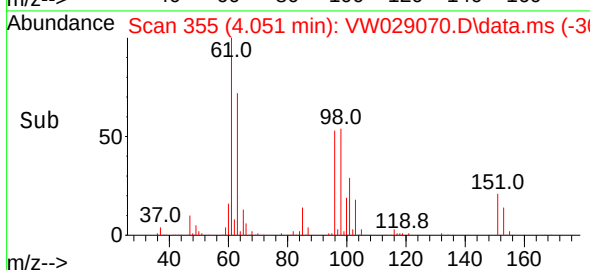
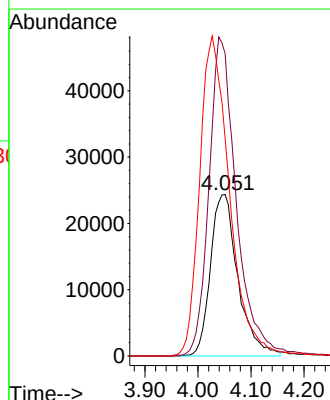
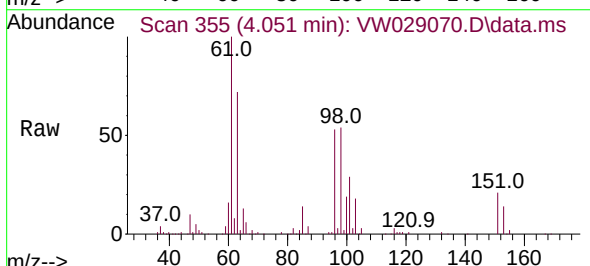
Tgt Ion: 96 Resp: 87622

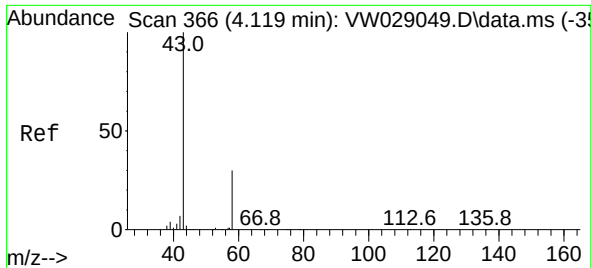
Ion Ratio Lower Upper

96 100

61 187.2 132.2 245.4

63 134.5 108.4 201.2





#13

Acetone

Concen: 49.229 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

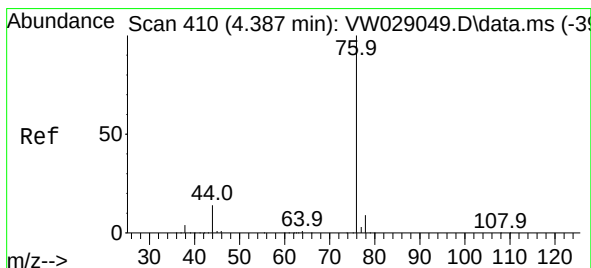
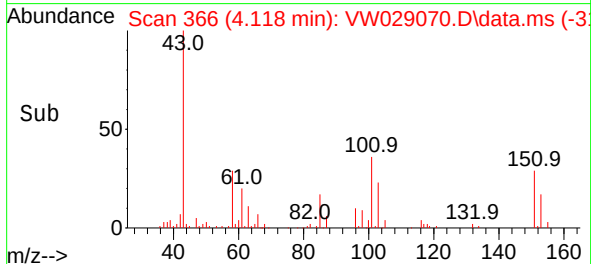
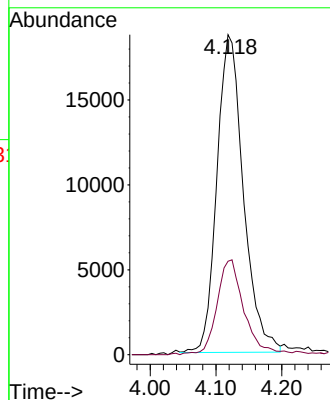
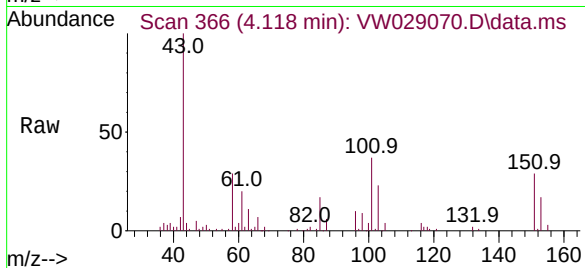
ClientSampleId :

Tgt Ion: 43 Resp: 52444

Ion Ratio Lower Upper

43 100

58 29.8 0.0 59.4



#14

Carbon disulfide

Concen: 21.534 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW029070.D

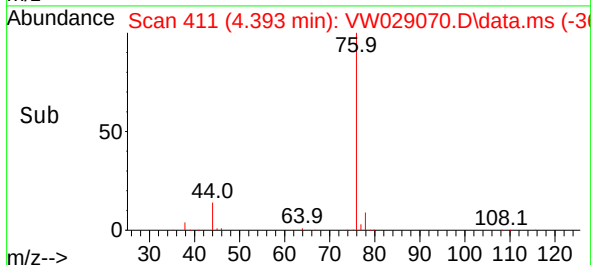
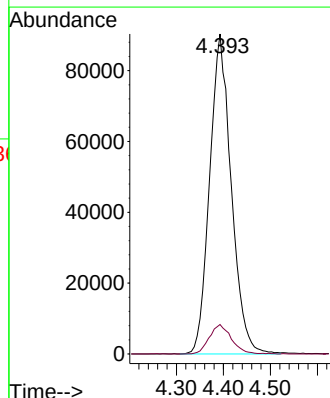
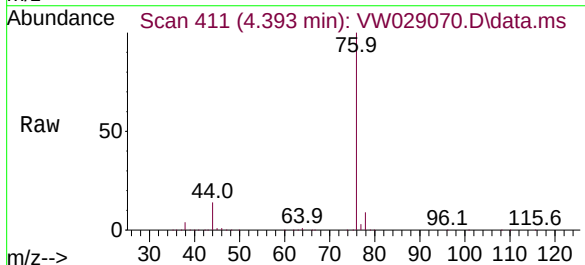
Acq: 07 Jun 2024 18:17

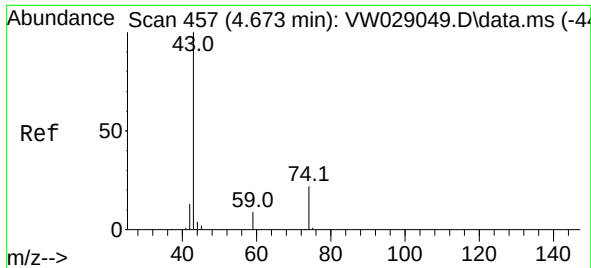
Tgt Ion: 76 Resp: 288623

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

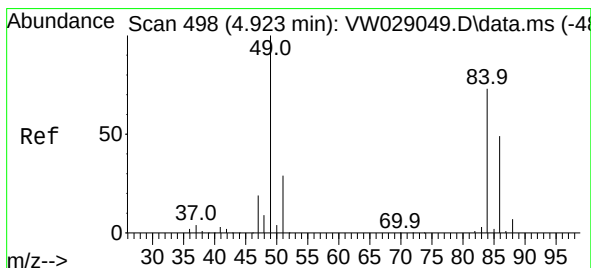
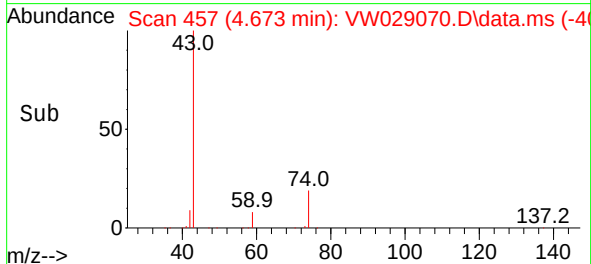
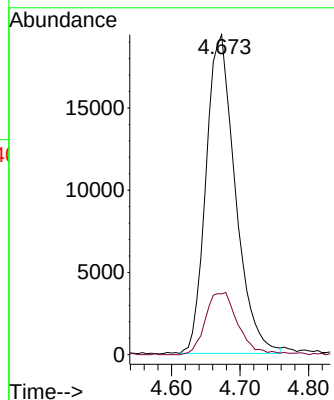
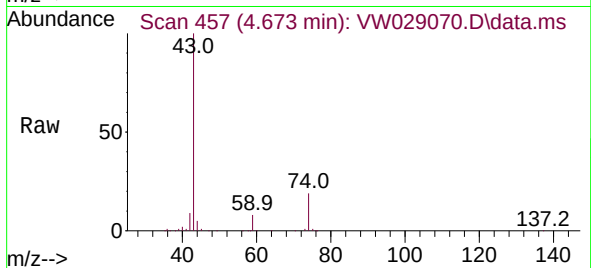




#15
Methyl Acetate
Concen: 32.584 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW029070.D
Acq: 07 Jun 2024 18:17

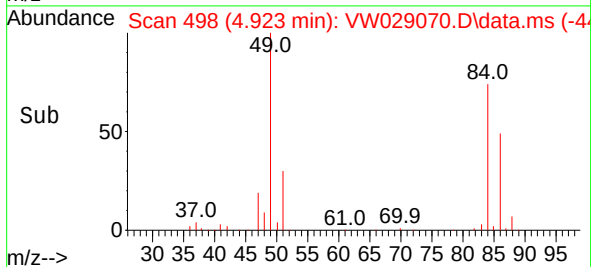
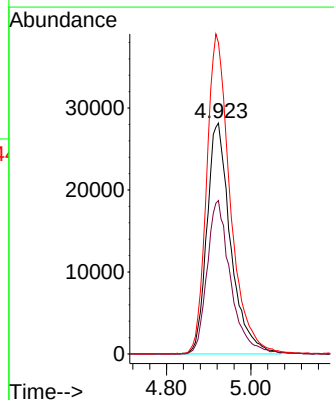
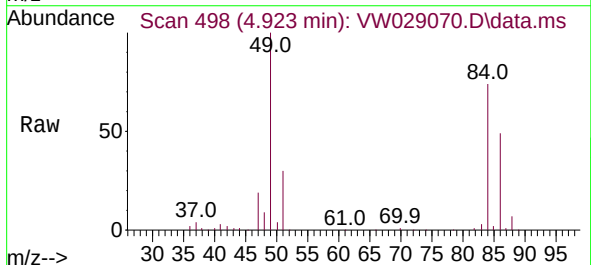
Instrument :
MSVOA_W
ClientSampleId :

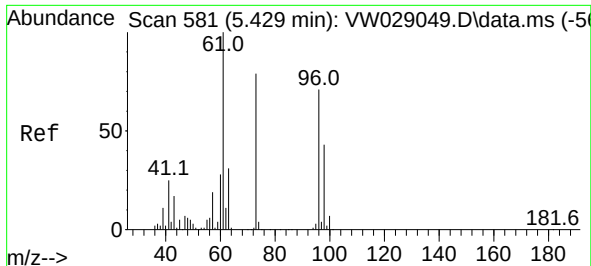
Tgt Ion: 43 Resp: 57652
Ion Ratio Lower Upper
43 100
74 11.7 17.4 26.2#



#16
Methylene chloride
Concen: 23.394 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW029070.D
Acq: 07 Jun 2024 18:17

Tgt Ion: 84 Resp: 109961
Ion Ratio Lower Upper
84 100
86 66.5 43.8 81.4
49 134.8 91.3 169.5





#17

trans-1,2-Dichloroethene

Concen: 24.096 ug/L

RT: 5.435 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

ClientSampleId :

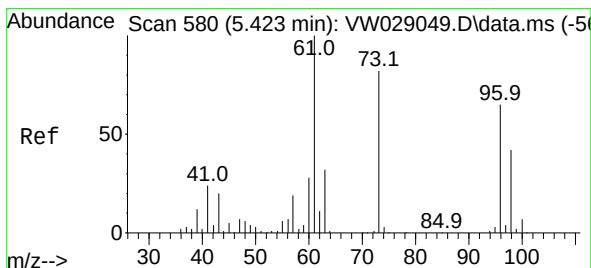
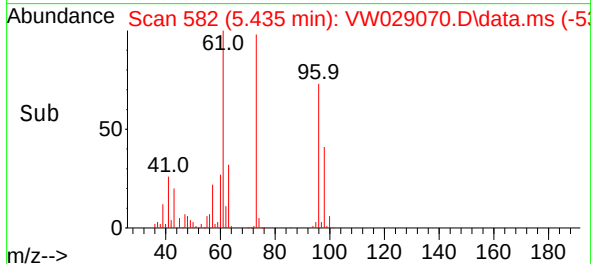
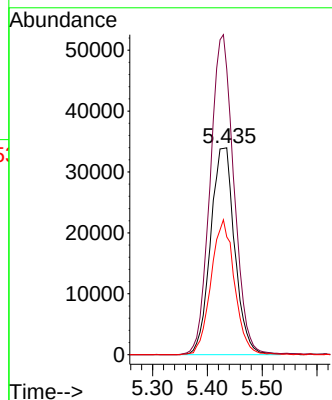
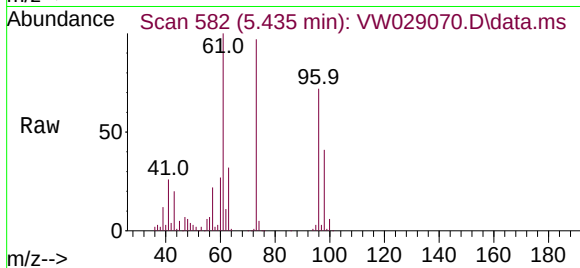
Tgt Ion: 96 Resp: 104003

Ion Ratio Lower Upper

96 100

61 138.0 104.6 194.2

98 56.9 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 28.973 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

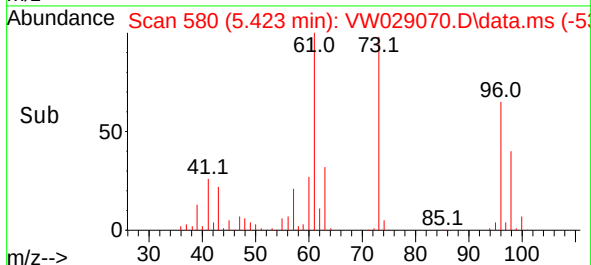
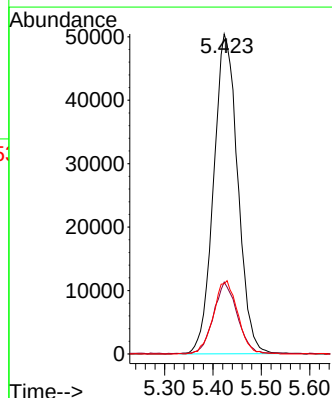
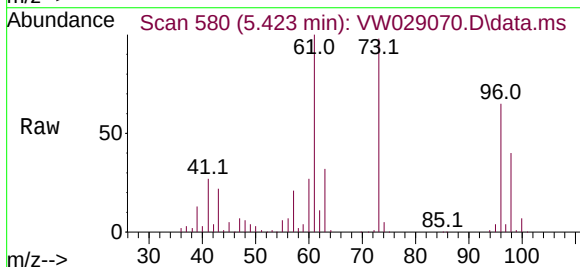
Tgt Ion: 73 Resp: 174389

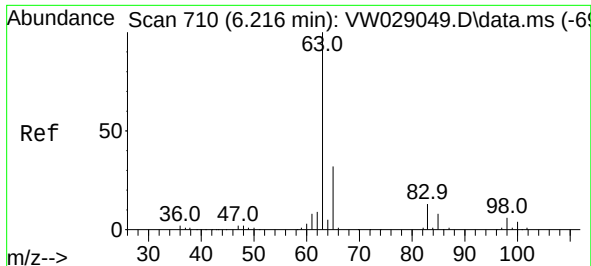
Ion Ratio Lower Upper

73 100

43 21.7 17.8 26.6

57 23.1 18.4 27.6





#19

1,1-Dichloroethane

Concen: 24.986 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

ClientSampleId :

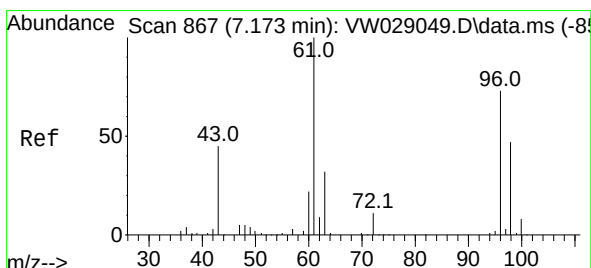
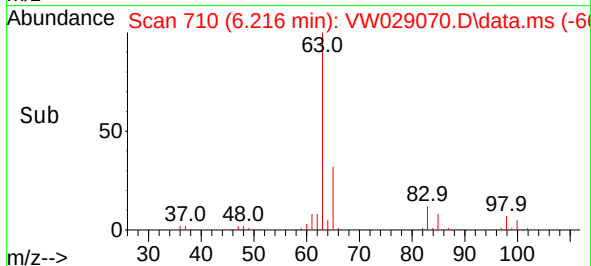
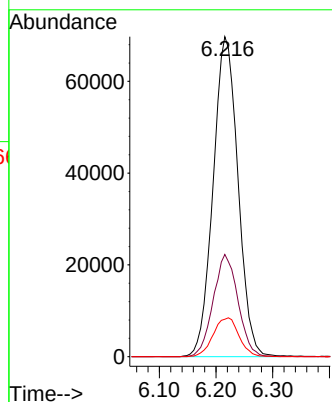
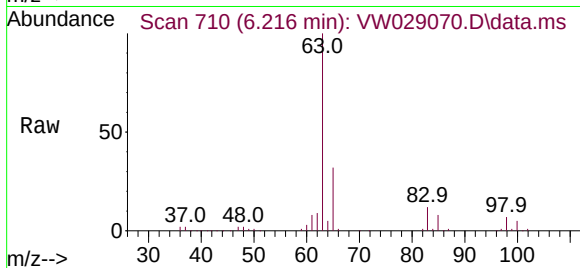
Tgt Ion: 63 Resp: 212033

Ion Ratio Lower Upper

63 100

65 31.9 21.8 40.6

83 11.7 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 25.804 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

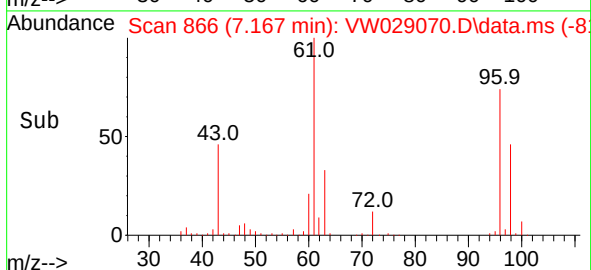
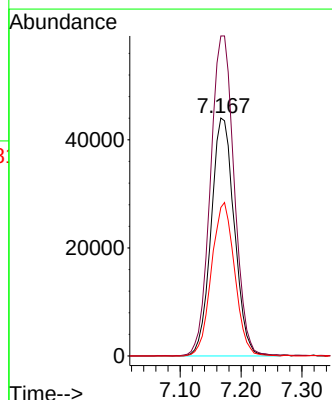
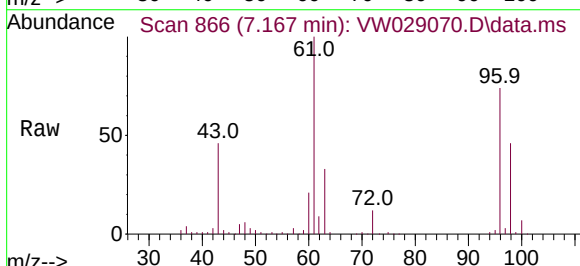
Tgt Ion: 96 Resp: 116763

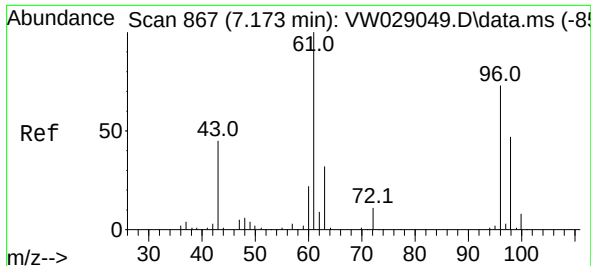
Ion Ratio Lower Upper

96 100

61 134.5 92.9 172.5

98 62.4 45.2 84.0





#22

2-Butanone

Concen: 59.507 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

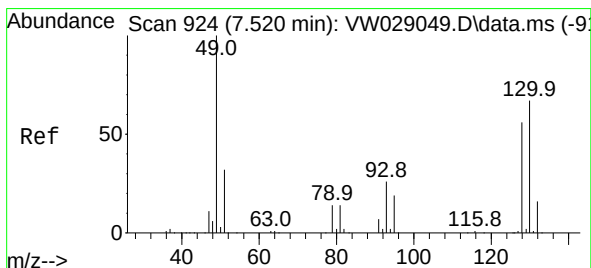
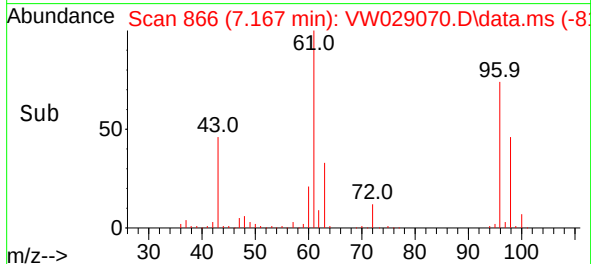
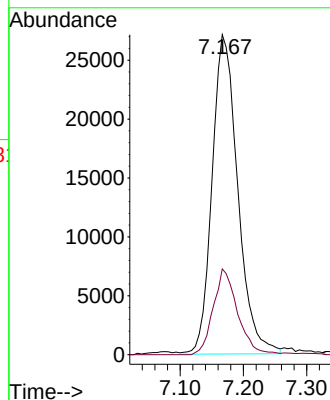
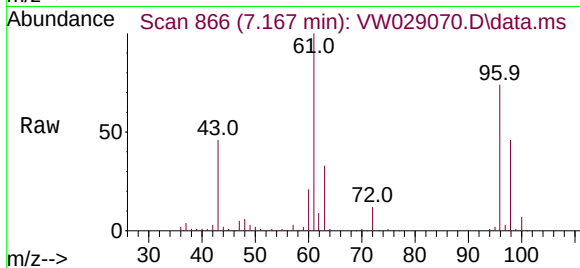
ClientSampleId :

Tgt Ion: 43 Resp: 76389

Ion Ratio Lower Upper

43 100

72 25.4 12.5 37.5



#23

Bromochloromethane

Concen: 25.622 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.006 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Tgt Ion: 128 Resp: 50610

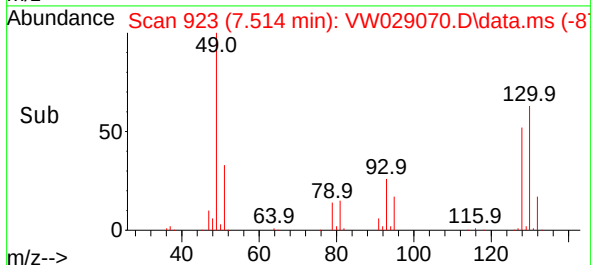
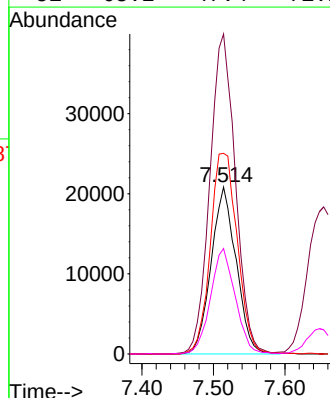
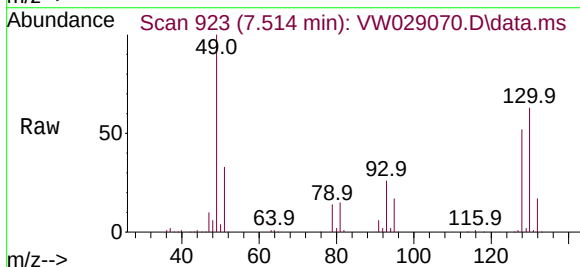
Ion Ratio Lower Upper

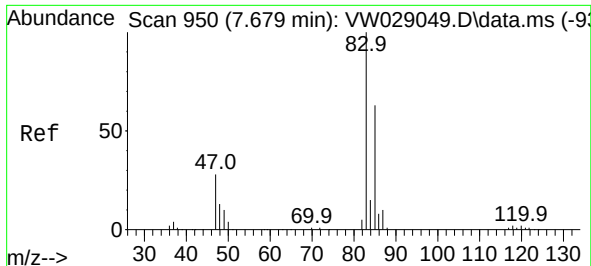
128 100

49 191.8 135.9 252.3

130 120.3 89.0 165.2

51 63.2 47.4 71.2





#25

Chloroform

Concen: 24.884 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

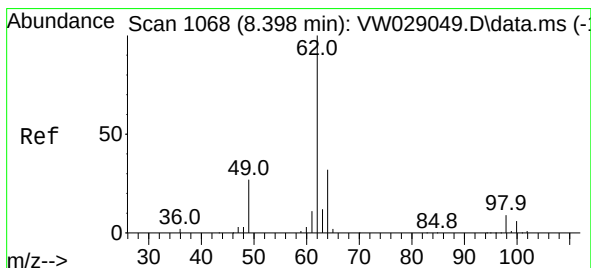
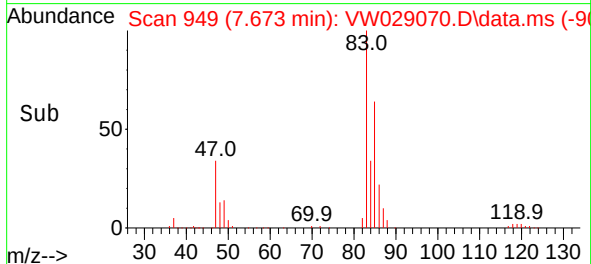
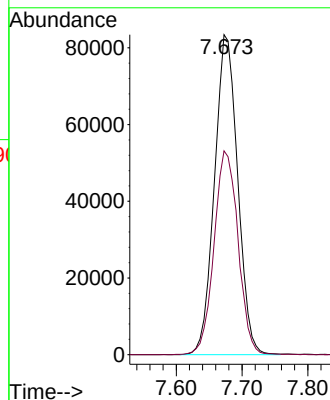
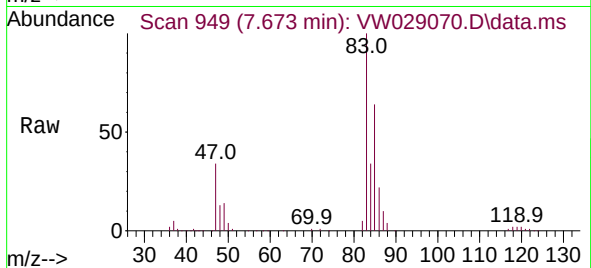
ClientSampleId :

Tgt Ion: 83 Resp: 205094

Ion Ratio Lower Upper

83 100

85 63.7 45.8 85.2



#27

1,2-Dichloroethane

Concen: 26.985 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029070.D

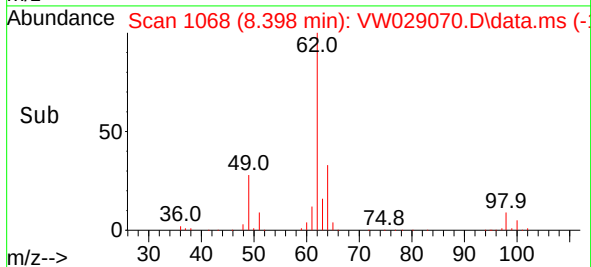
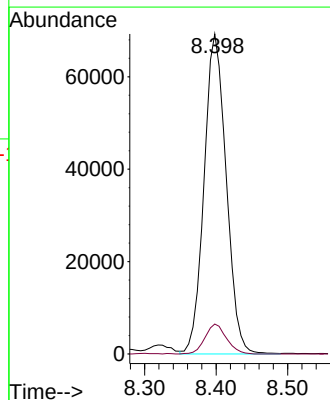
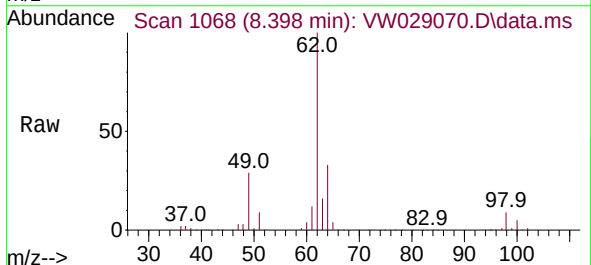
Acq: 07 Jun 2024 18:17

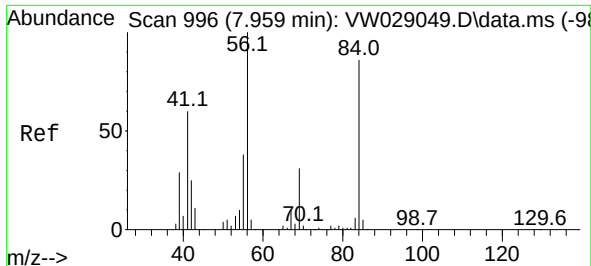
Tgt Ion: 62 Resp: 149048

Ion Ratio Lower Upper

62 100

98 9.3 7.1 10.7





#29

Cyclohexane

Concen: 22.375 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

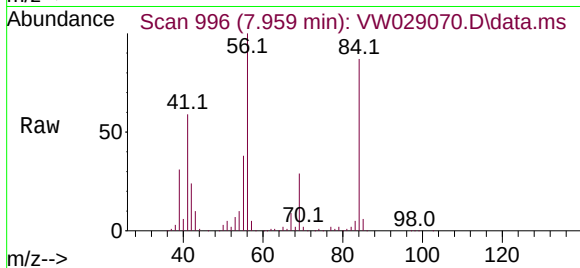
Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

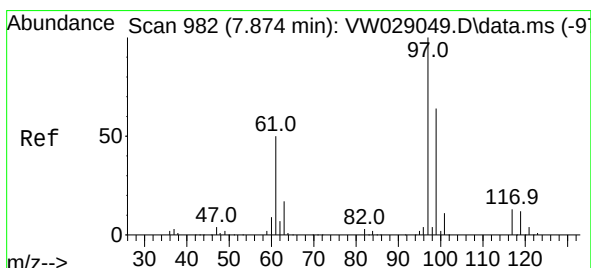
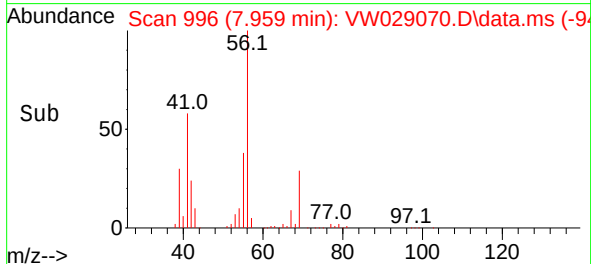
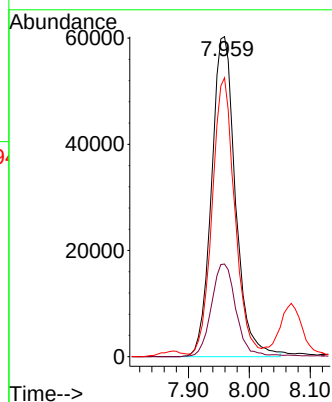
ClientSampleId :



Tgt Ion: 56 Resp: 164914

Ion Ratio Lower Upper

56	100		
69	29.5	24.2	36.4
84	82.2	65.4	98.2



#30

1,1,1-Trichloroethane

Concen: 22.473 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

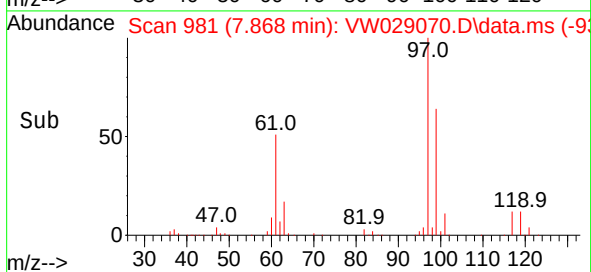
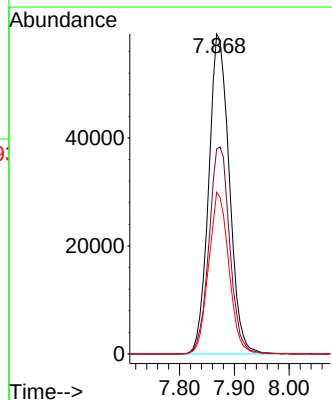
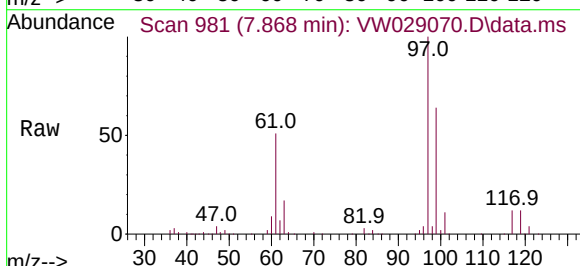
Lab File: VW029070.D

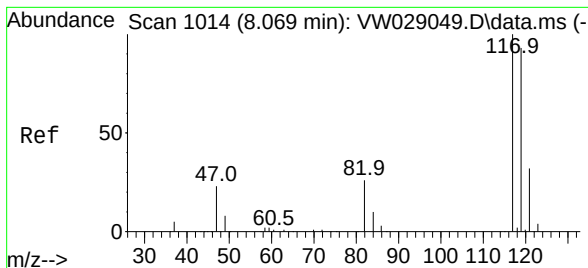
Acq: 07 Jun 2024 18:17

Tgt Ion: 97 Resp: 154353

Ion Ratio Lower Upper

97	100		
99	65.3	51.6	77.4
61	49.7	39.6	59.4





#31

Carbon tetrachloride

Concen: 21.776 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

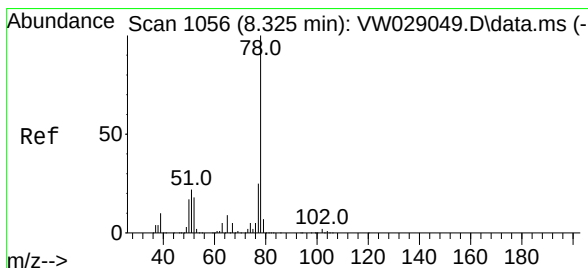
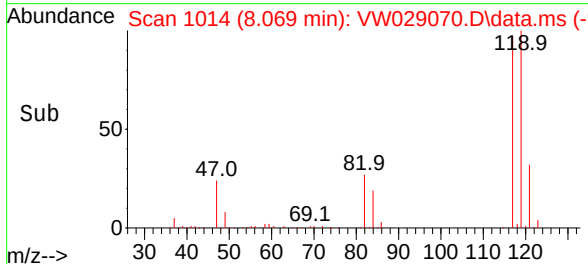
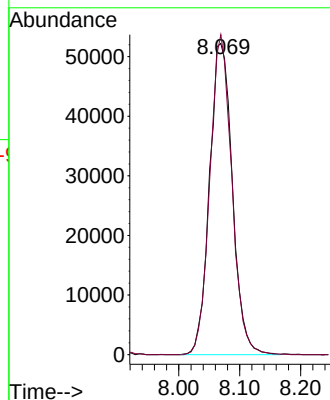
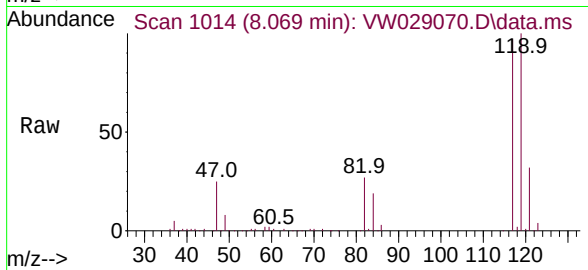
ClientSampleId :

Tgt Ion:117 Resp: 136236

Ion Ratio Lower Upper

117 100

119 98.4 78.8 118.2



#33

Benzene

Concen: 24.661 ug/L

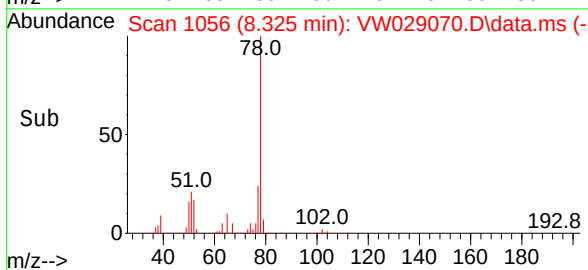
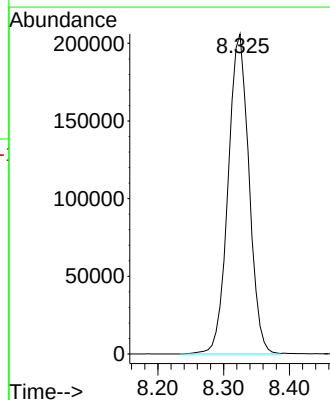
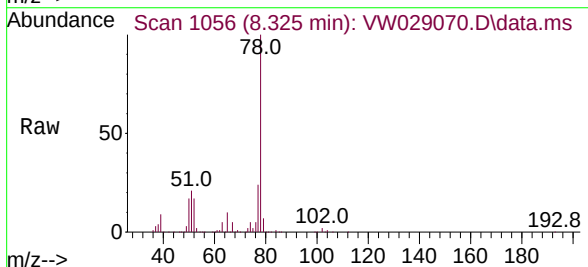
RT: 8.325 min Scan# 1056

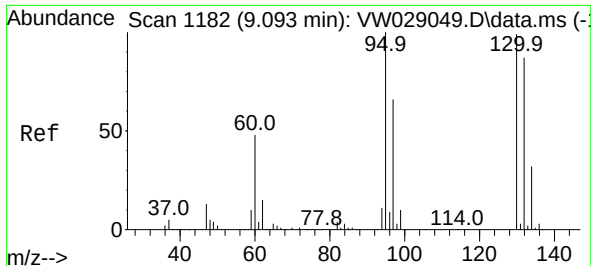
Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Tgt Ion: 78 Resp: 454569





#34

Trichloroethene

Concen: 23.913 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

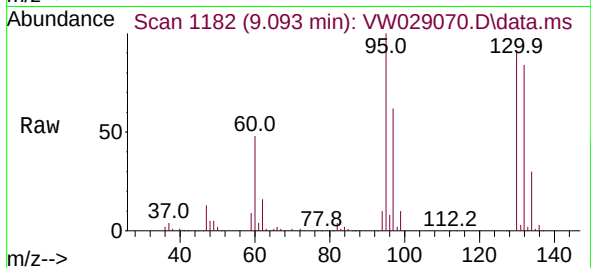
Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 115882

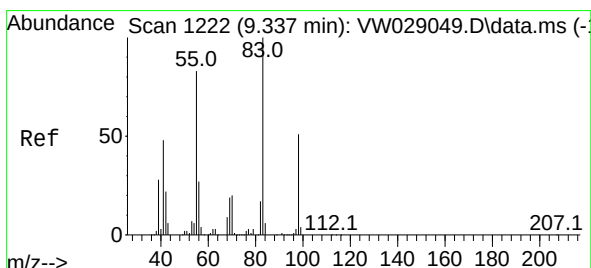
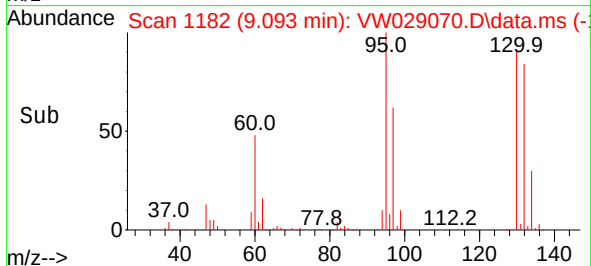
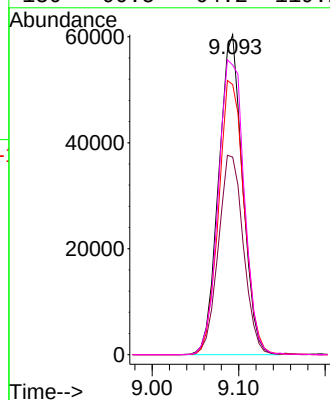
Ion Ratio Lower Upper

95 100

97 61.7 41.9 77.7

132 84.4 60.1 111.5

130 90.5 64.2 119.2



#35

Methylcyclohexane

Concen: 22.314 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

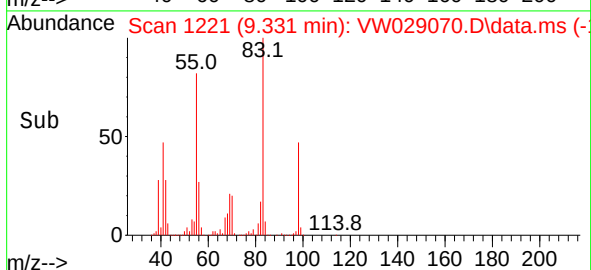
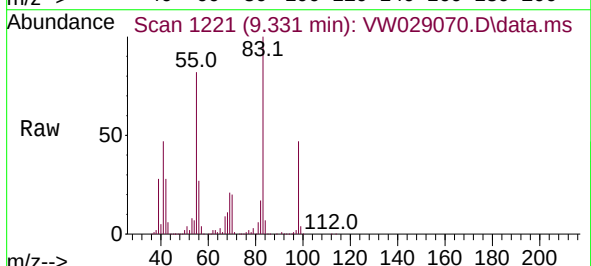
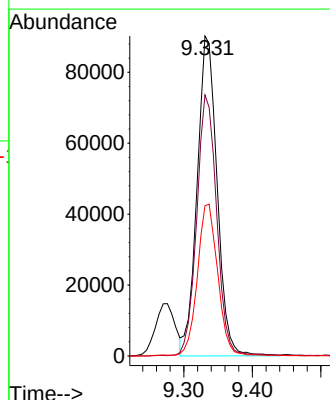
Tgt Ion: 83 Resp: 183432

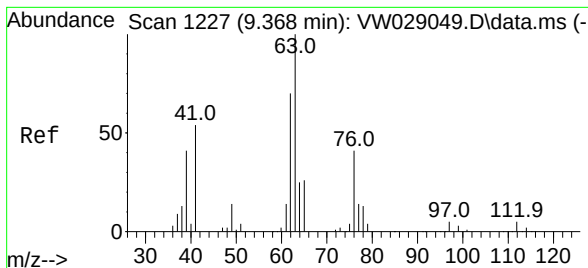
Ion Ratio Lower Upper

83 100

55 81.1 65.8 98.6

98 47.6 38.4 57.6





#37

1,2-Dichloropropane

Concen: 25.342 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

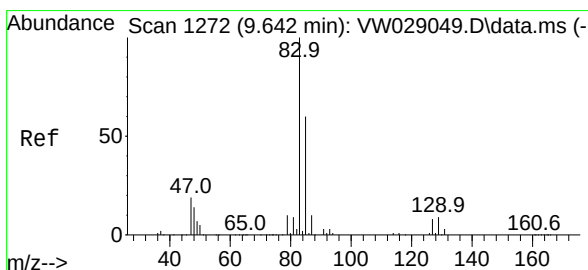
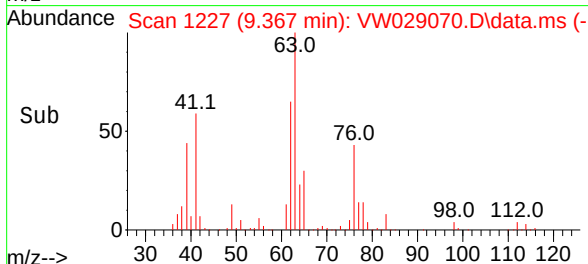
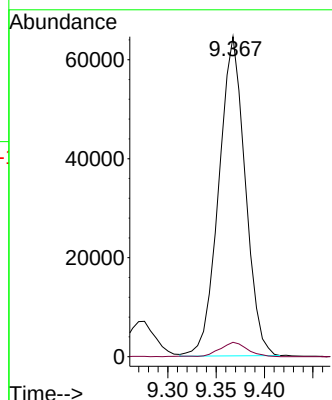
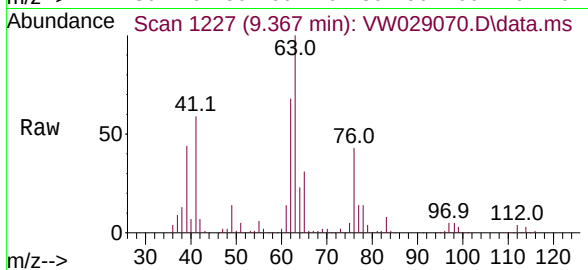
ClientSampleId :

Tgt Ion: 63 Resp: 122325

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4



#38

Bromodichloromethane

Concen: 24.988 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

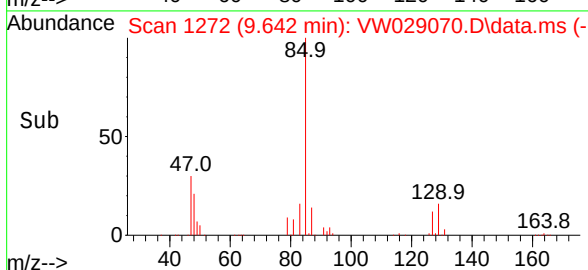
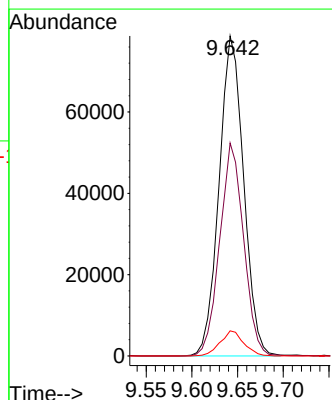
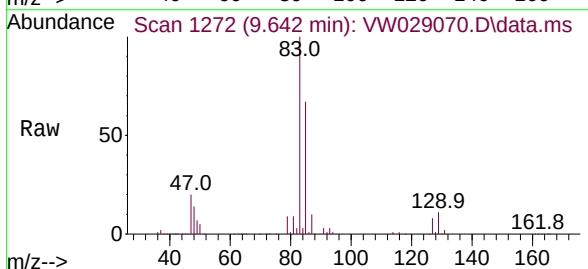
Tgt Ion: 83 Resp: 147103

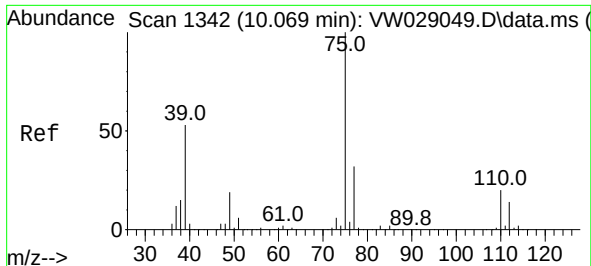
Ion Ratio Lower Upper

83 100

85 66.5 43.9 81.5

127 7.8 5.4 8.2





#39

cis-1,3-Dichloropropene

Concen: 25.731 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

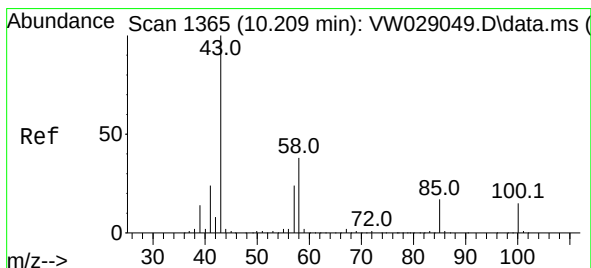
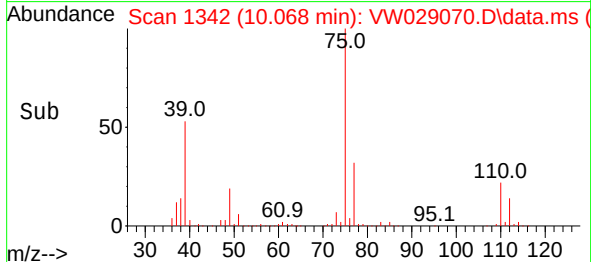
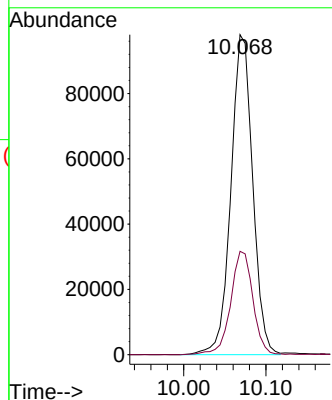
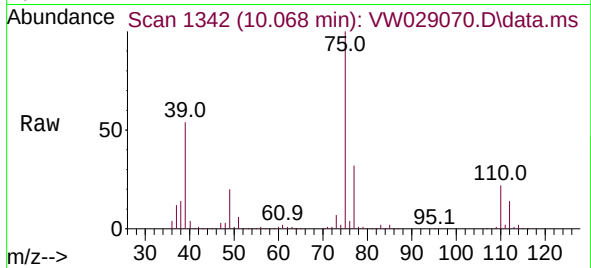
ClientSampleId :

Tgt Ion: 75 Resp: 180499

Ion Ratio Lower Upper

75 100

77 32.3 21.0 39.0



#40

4-Methyl-2-pentanone

Concen: 67.229 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

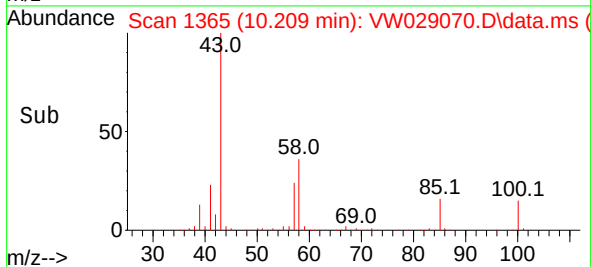
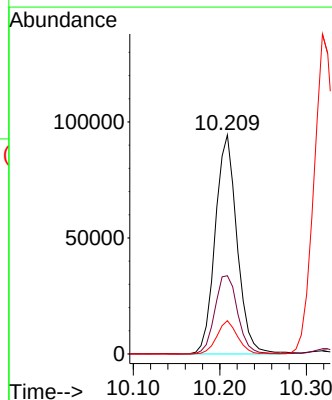
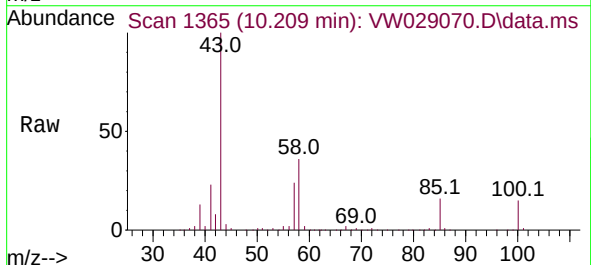
Tgt Ion: 43 Resp: 165057

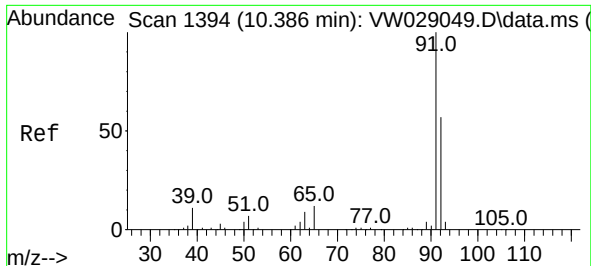
Ion Ratio Lower Upper

43 100

58 37.6 30.3 45.5

100 14.3 10.7 16.1





#42

Toluene

Concen: 25.782 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

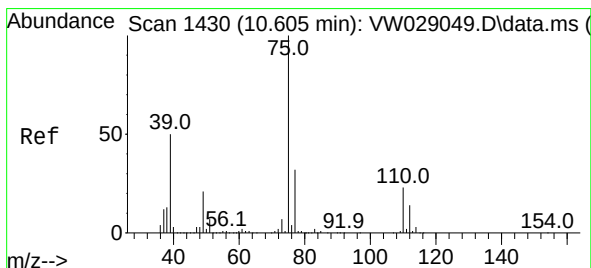
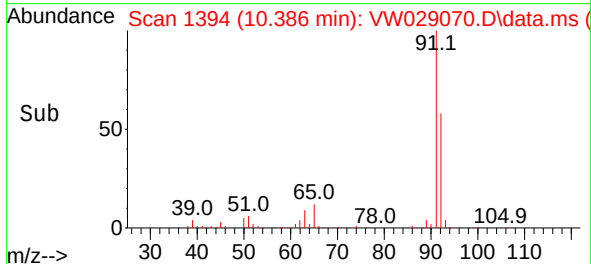
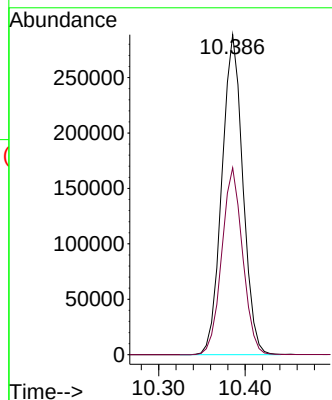
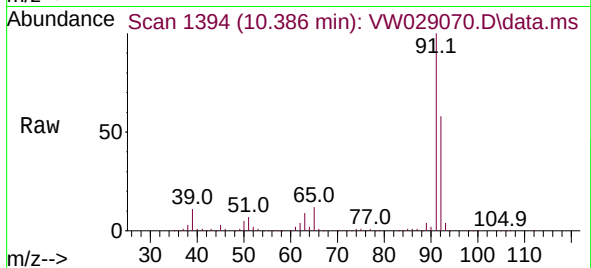
ClientSampleId :

Tgt Ion: 91 Resp: 485477

Ion Ratio Lower Upper

91 100

92 58.4 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 27.227 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029070.D

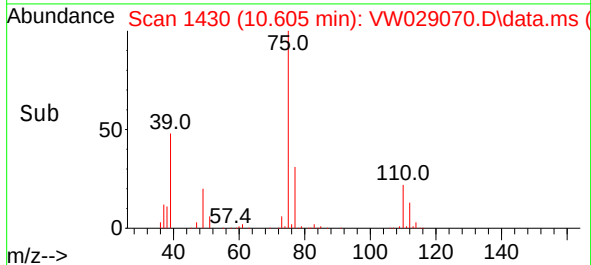
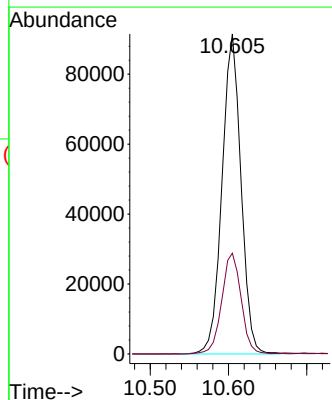
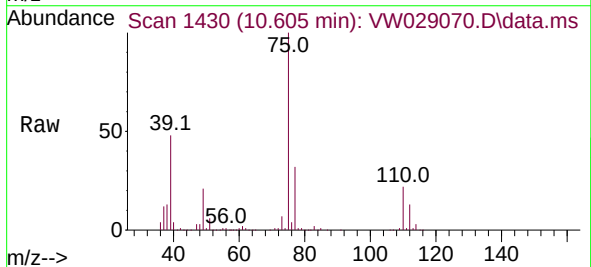
Acq: 07 Jun 2024 18:17

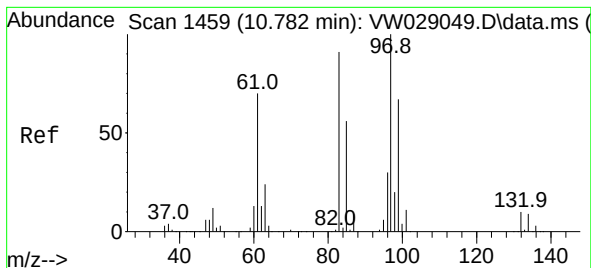
Tgt Ion: 75 Resp: 153976

Ion Ratio Lower Upper

75 100

77 31.5 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 27.332 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 89101

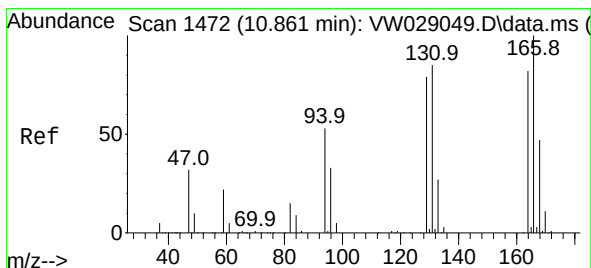
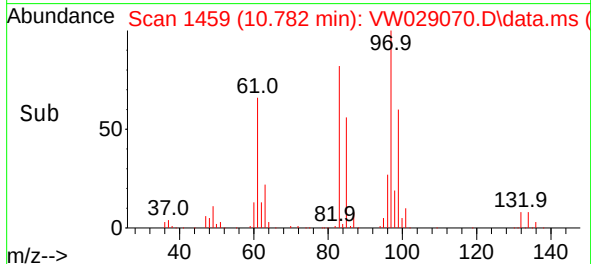
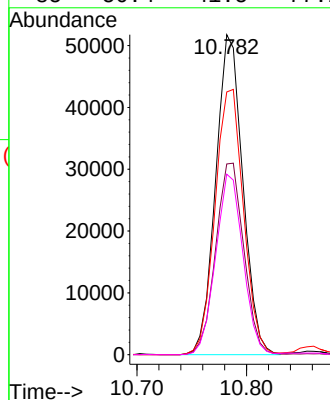
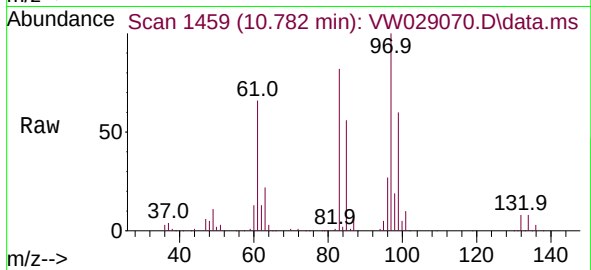
Ion Ratio Lower Upper

97 100

99 59.6 41.8 77.6

83 82.1 62.4 115.8

85 56.4 41.5 77.1



#46

Tetrachloroethene

Concen: 23.370 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Tgt Ion:164 Resp: 86040

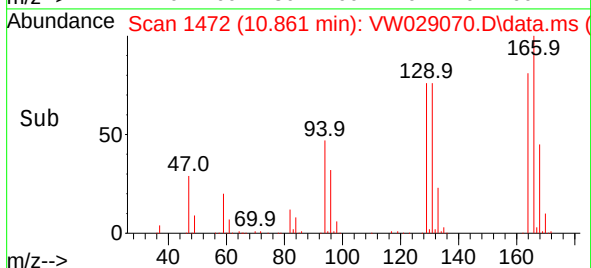
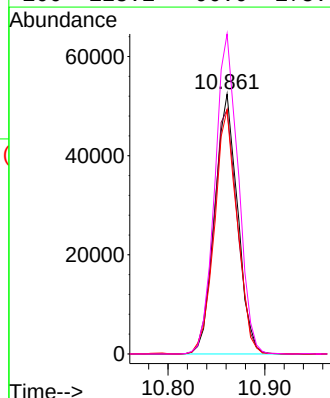
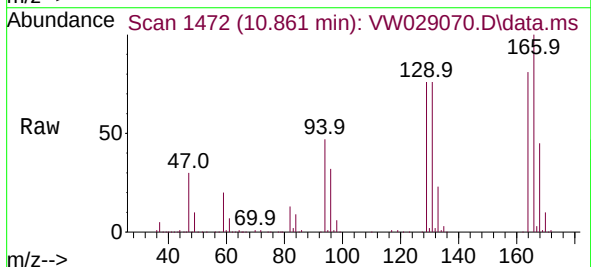
Ion Ratio Lower Upper

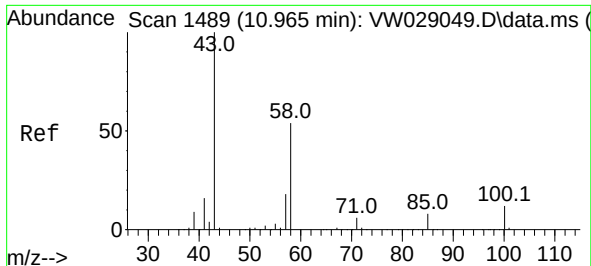
164 100

129 94.0 69.4 128.8

131 94.0 71.0 131.9

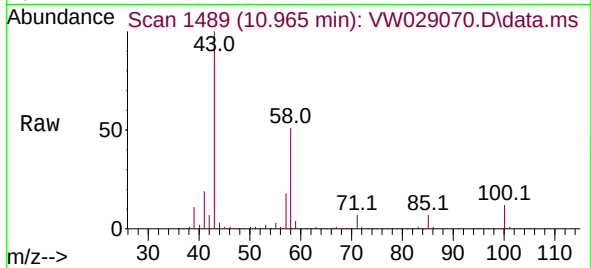
166 123.1 96.0 178.4





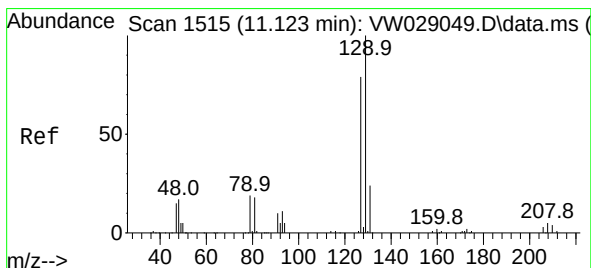
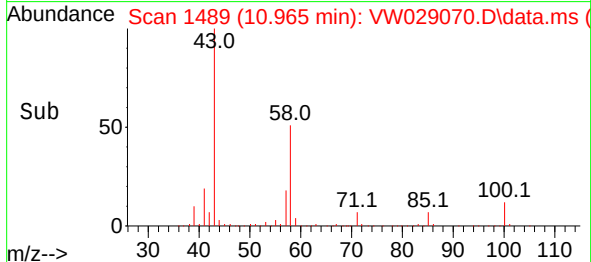
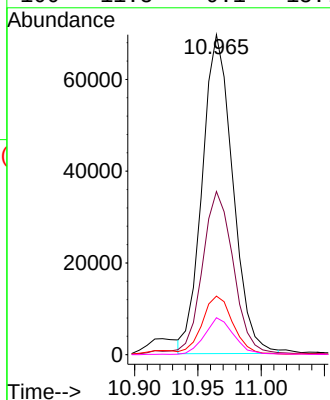
#48
2-Hexanone
Concen: 63.561 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029070.D
Acq: 07 Jun 2024 18:17

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 117000

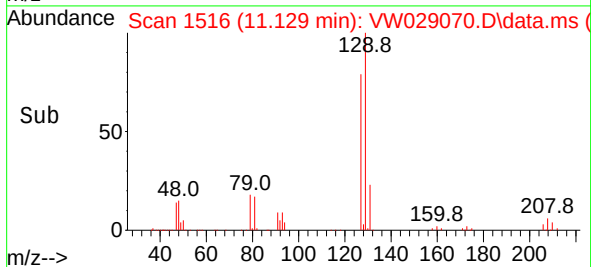
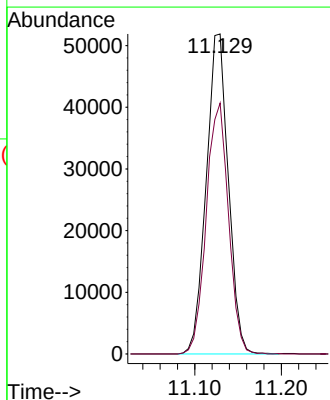
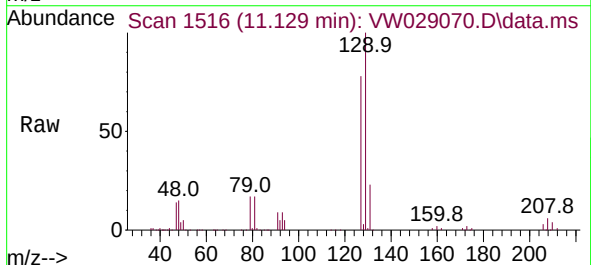
Ion	Ratio	Lower	Upper
43	100		
58	52.3	41.4	62.0
57	18.8	14.2	21.4
100	11.3	9.1	13.7

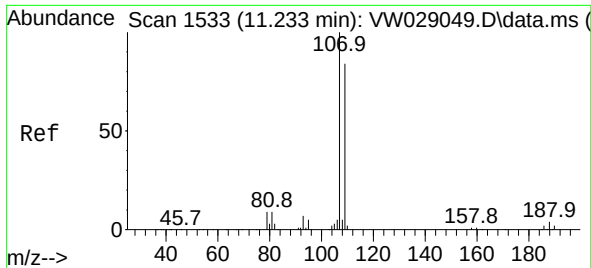


#49
Dibromochloromethane
Concen: 26.707 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029070.D
Acq: 07 Jun 2024 18:17

Tgt Ion: 129 Resp: 91956

Ion	Ratio	Lower	Upper
129	100		
127	78.4	56.5	104.9





#50

1,2-Dibromoethane

Concen: 27.941 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

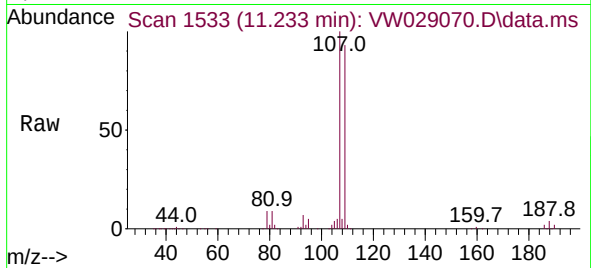
Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

ClientSampleId :



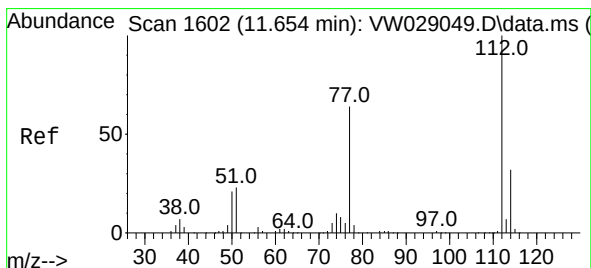
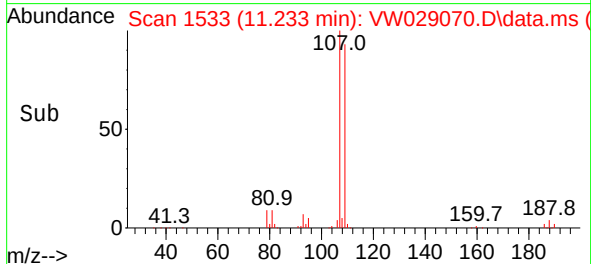
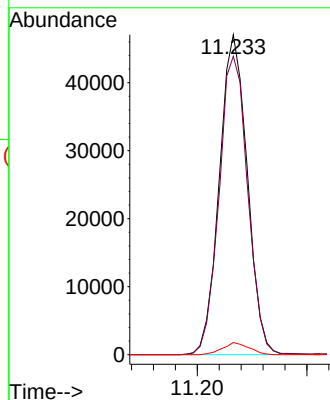
Tgt Ion:107 Resp: 83149

Ion Ratio Lower Upper

107 100

109 93.3 67.9 126.1

188 4.0 3.0 4.4



#51

Chlorobenzene

Concen: 25.195 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

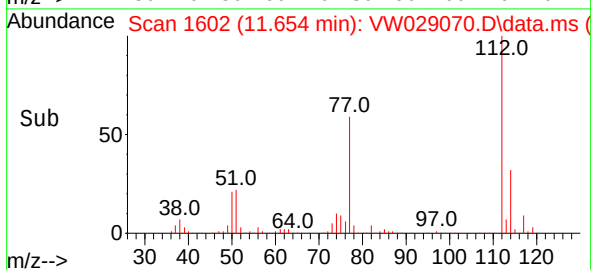
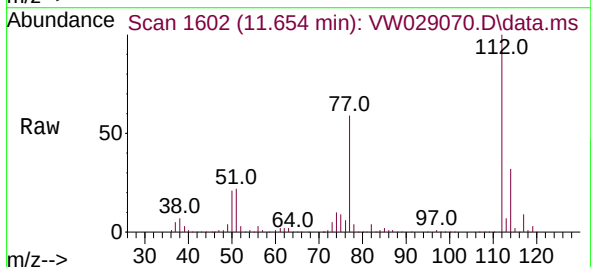
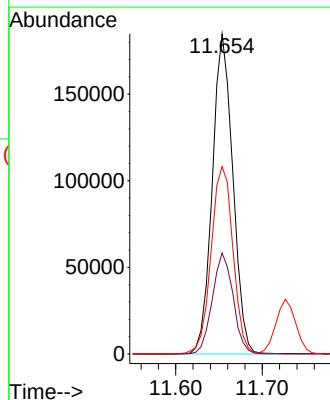
Tgt Ion:112 Resp: 304761

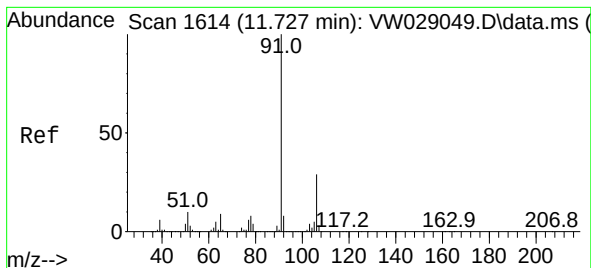
Ion Ratio Lower Upper

112 100

114 31.5 23.7 44.1

77 58.6 51.7 77.5





#52

Ethylbenzene

Concen: 25.127 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

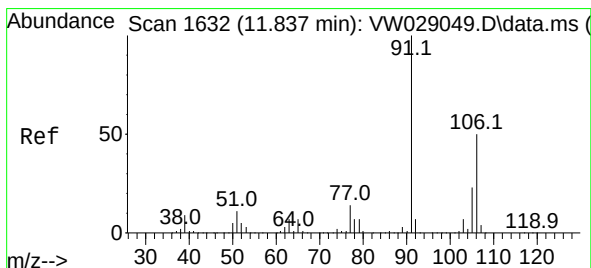
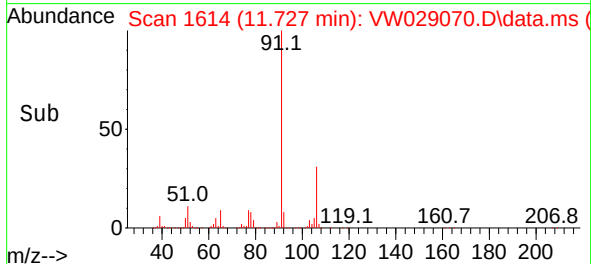
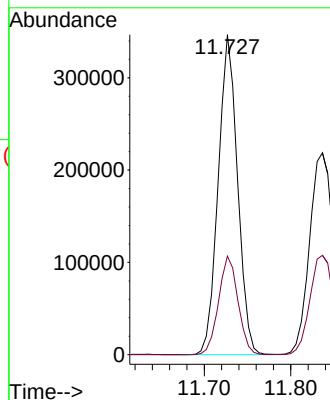
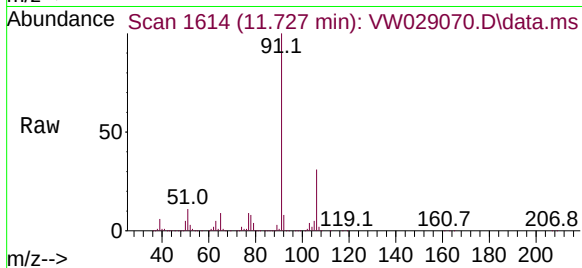
ClientSampleId :

Tgt Ion: 91 Resp: 537587

Ion Ratio Lower Upper

91 100

106 30.8 19.9 37.0



#53

m,p-Xylene

Concen: 25.890 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029070.D

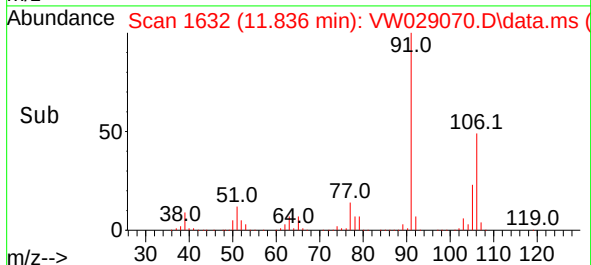
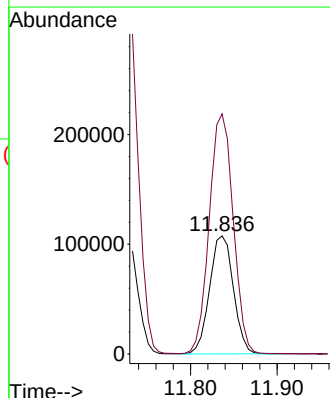
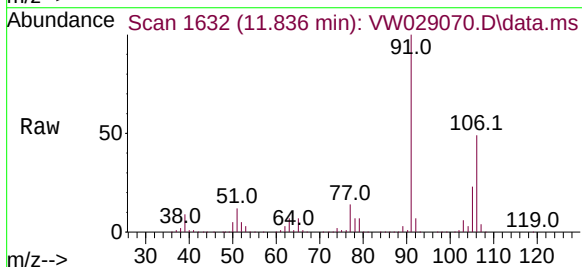
Acq: 07 Jun 2024 18:17

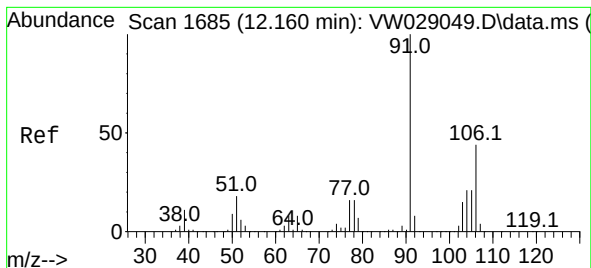
Tgt Ion:106 Resp: 205162

Ion Ratio Lower Upper

106 100

91 203.2 152.0 282.2





#54

o-Xylene

Concen: 26.420 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

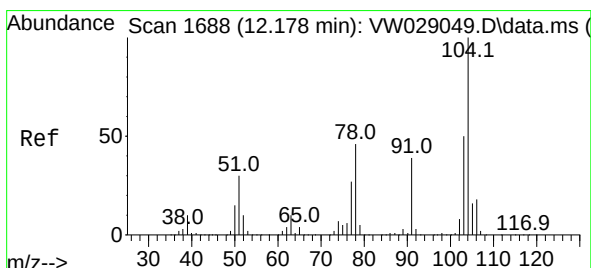
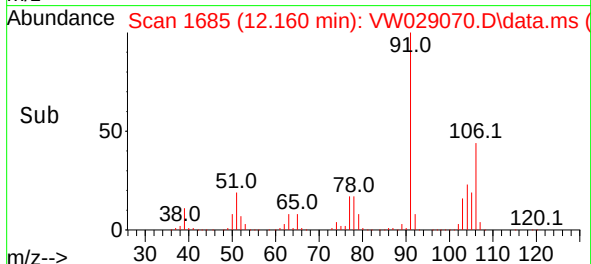
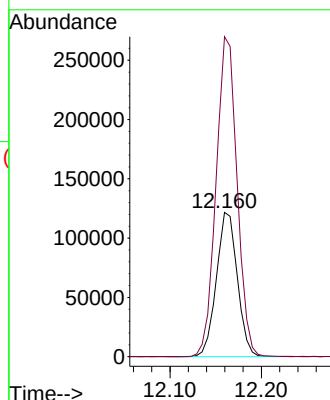
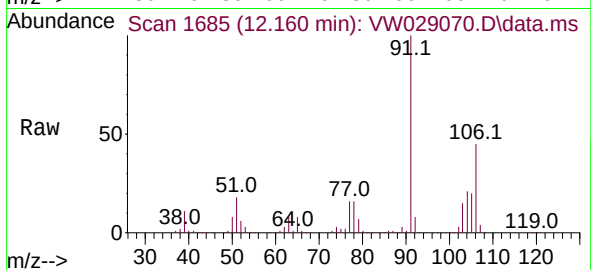
ClientSampleId :

Tgt Ion:106 Resp: 193855

Ion Ratio Lower Upper

106 100

91 221.8 152.5 283.3



#55

Styrene

Concen: 26.361 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029070.D

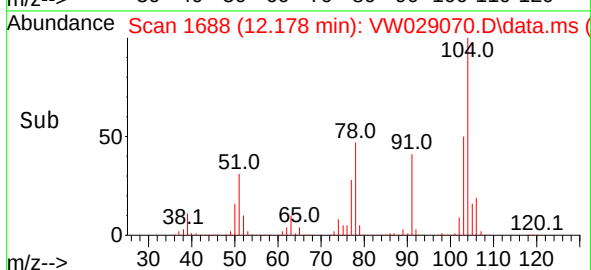
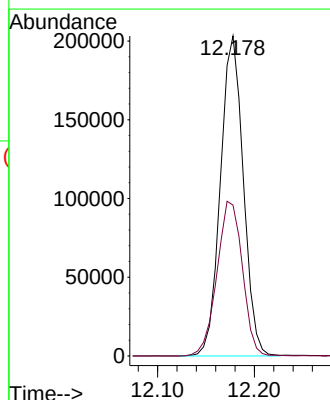
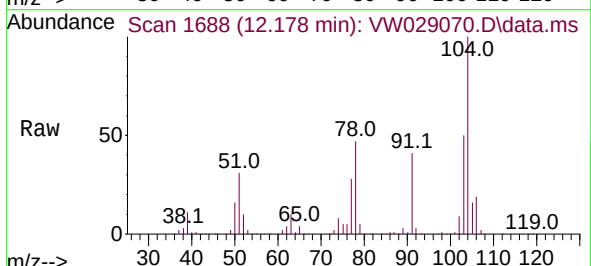
Acq: 07 Jun 2024 18:17

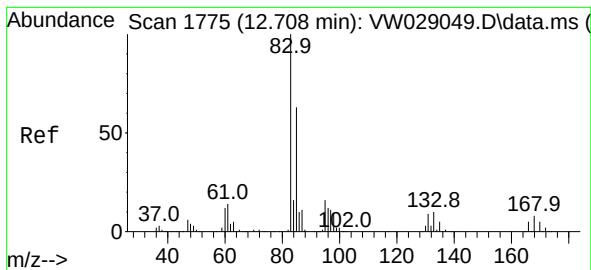
Tgt Ion:104 Resp: 333478

Ion Ratio Lower Upper

104 100

78 47.1 33.3 61.9

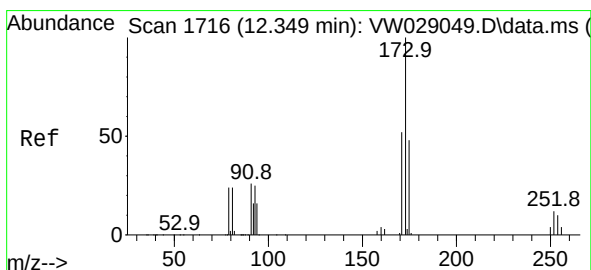
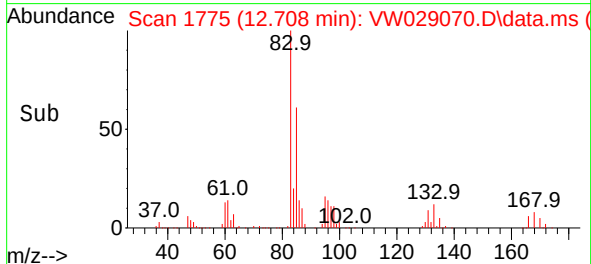
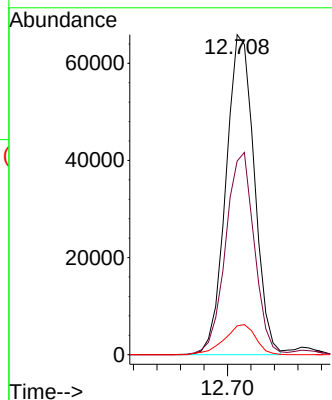
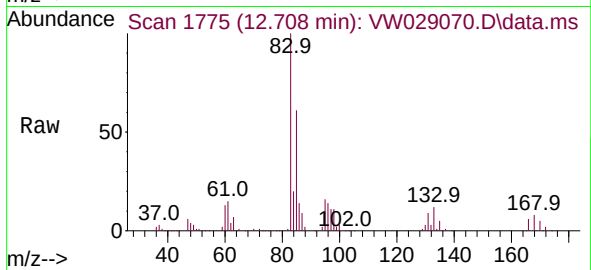




#57
1,1,2,2-Tetrachloroethane
Concen: 29.980 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW029070.D
Acq: 07 Jun 2024 18:17

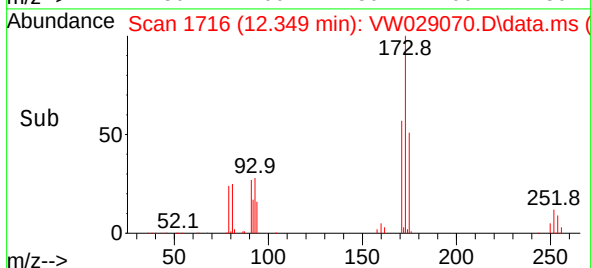
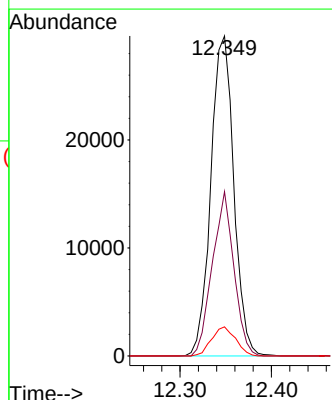
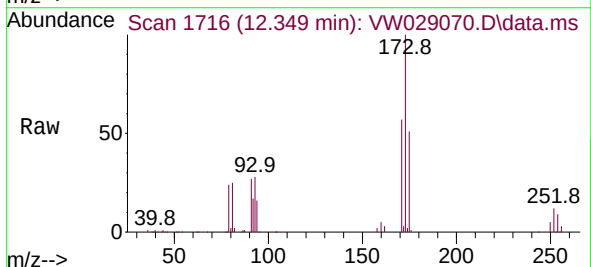
Instrument :
MSVOA_W
ClientSampleId :

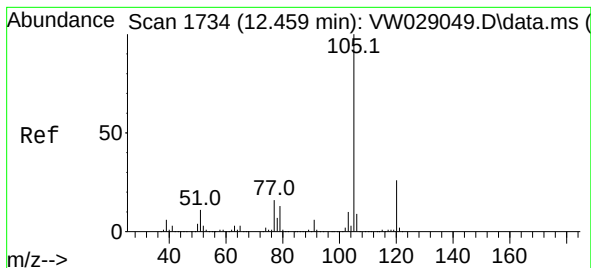
Tgt Ion: 83 Resp: 110328
Ion Ratio Lower Upper
83 100
85 60.5 43.8 81.3
131 9.0 7.3 10.9



#59
Bromoform
Concen: 27.293 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW029070.D
Acq: 07 Jun 2024 18:17

Tgt Ion:173 Resp: 51656
Ion Ratio Lower Upper
173 100
175 48.2 38.1 57.1
254 9.5 8.2 12.2





#60

Isopropylbenzene

Concen: 25.007 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

ClientSampleId :

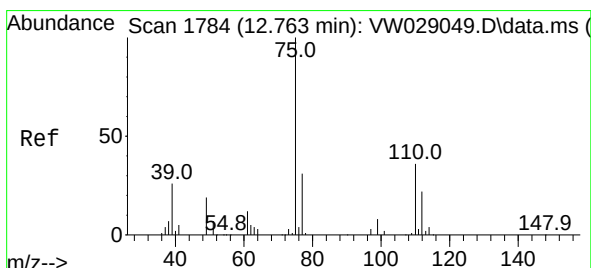
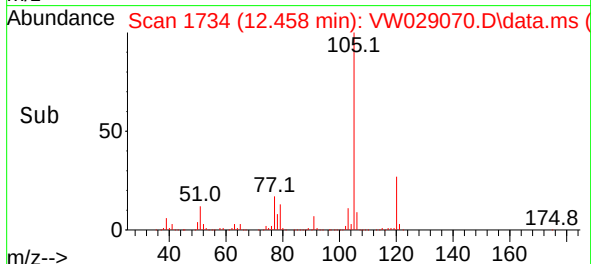
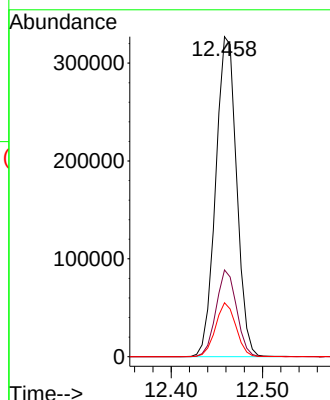
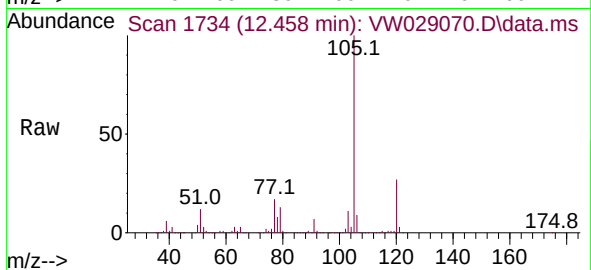
Tgt Ion:105 Resp: 520905

Ion Ratio Lower Upper

105 100

120 26.5 20.7 31.1

77 16.5 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 29.498 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

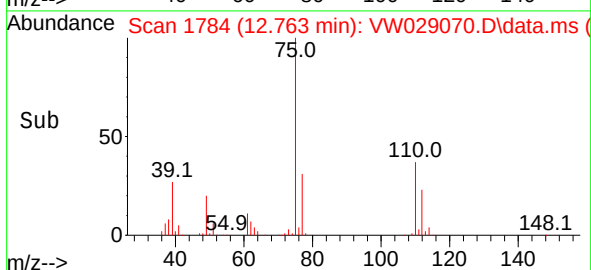
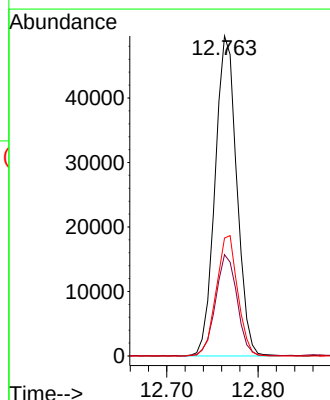
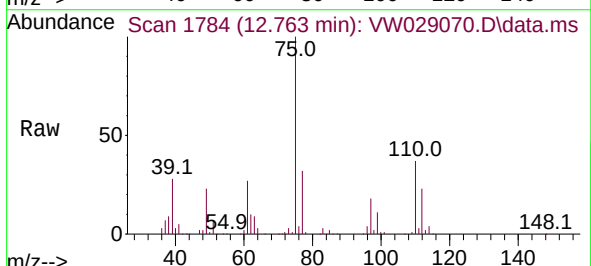
Tgt Ion: 75 Resp: 81897

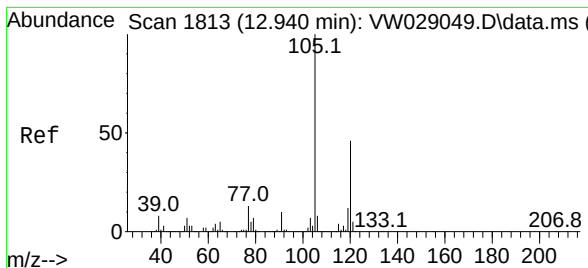
Ion Ratio Lower Upper

75 100

77 31.5 26.3 39.5

110 37.2 29.4 44.0

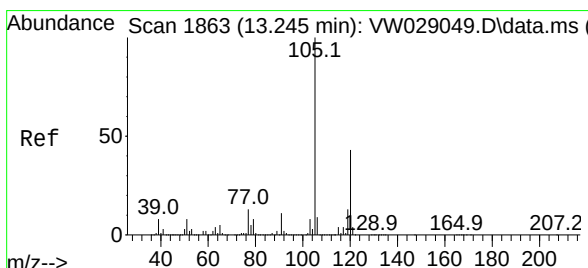
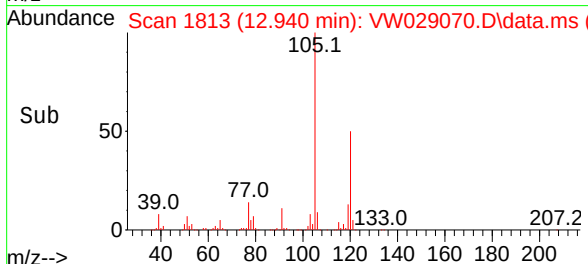
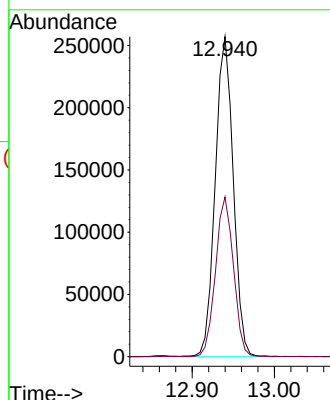
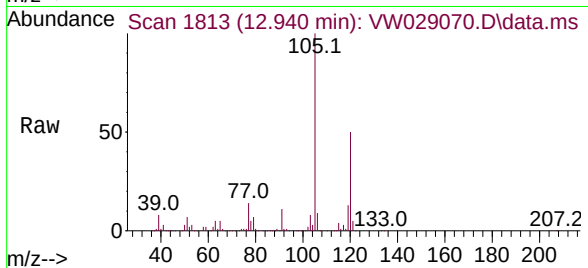




#62
1,3,5-Trimethylbenzene
Concen: 25.873 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029070.D
Acq: 07 Jun 2024 18:17

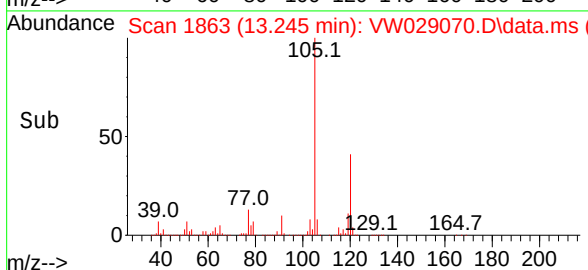
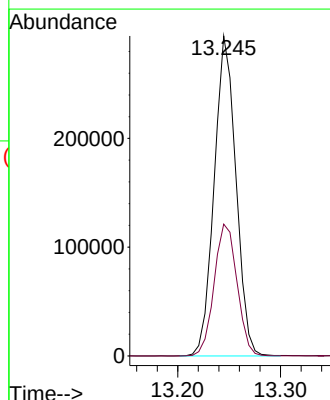
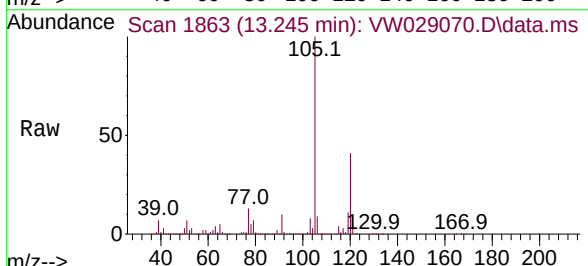
Instrument :
MSVOA_W
ClientSampleId :

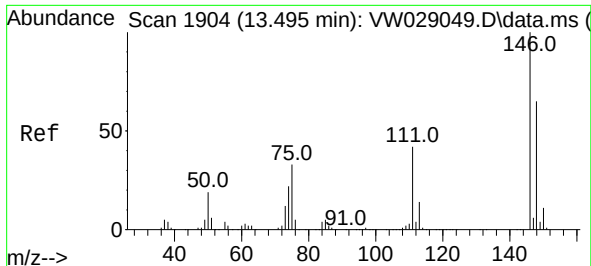
Tgt Ion:105 Resp: 391973
Ion Ratio Lower Upper
105 100
120 49.7 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 27.045 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029070.D
Acq: 07 Jun 2024 18:17

Tgt Ion:105 Resp: 433024
Ion Ratio Lower Upper
105 100
120 43.3 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 26.084 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

ClientSampleId :

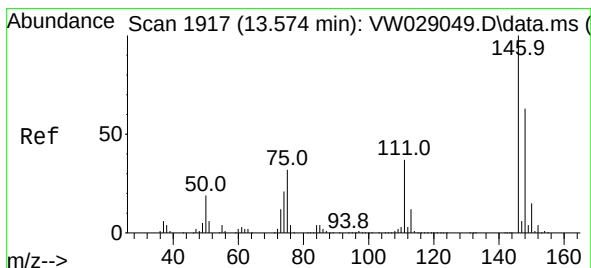
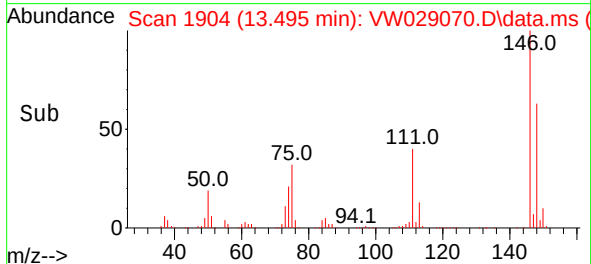
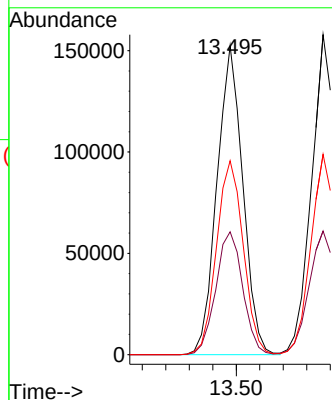
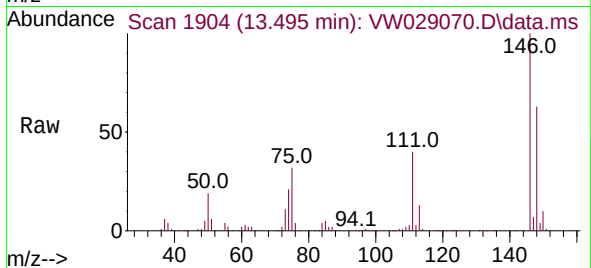
Tgt Ion:146 Resp: 233493

Ion Ratio Lower Upper

146 100

111 39.8 29.4 54.6

148 62.8 42.5 78.9



#65

1,4-Dichlorobenzene

Concen: 24.692 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

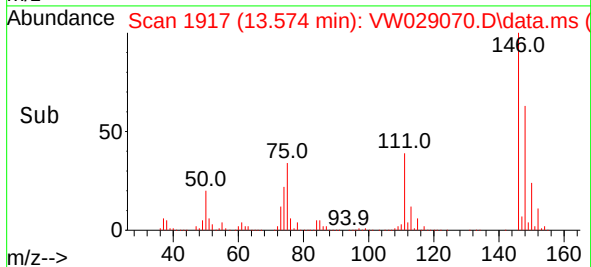
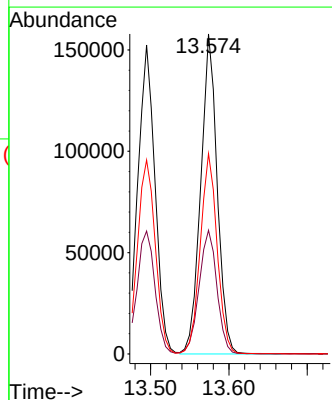
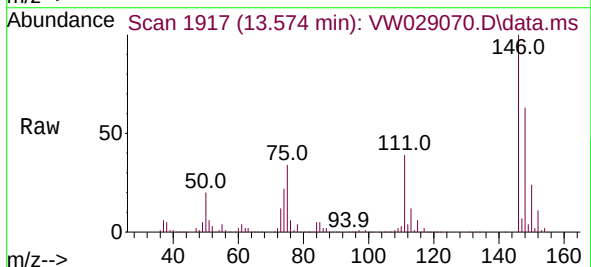
Tgt Ion:146 Resp: 230851

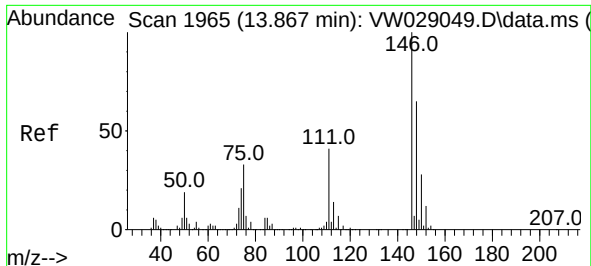
Ion Ratio Lower Upper

146 100

111 38.6 27.5 51.1

148 62.6 39.5 73.3





#67

1,2-Dichlorobenzene

Concen: 25.246 ug/L

RT: 13.860 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

ClientSampleId :

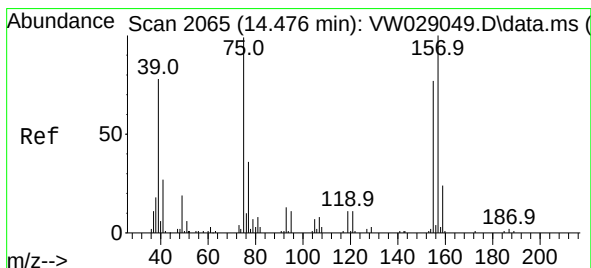
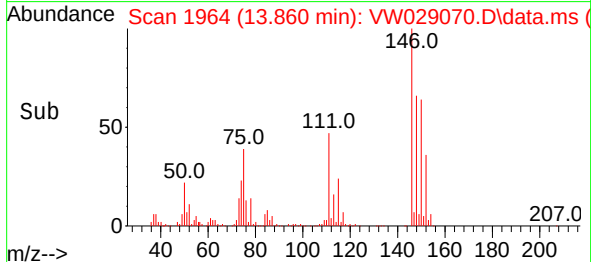
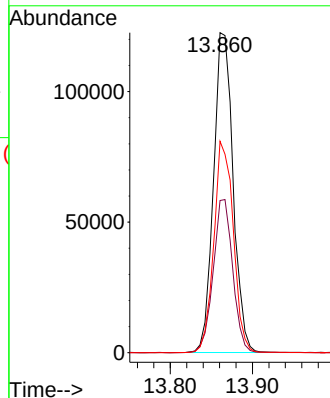
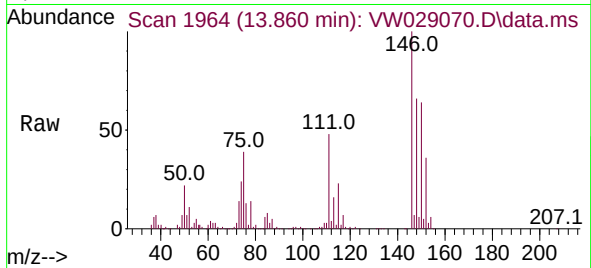
Tgt Ion:146 Resp: 202549

Ion Ratio Lower Upper

146 100

111 47.5 32.8 49.2

148 66.0 48.2 72.4



#68

1,2-Dibromo-3-chloropropane

Concen: 29.396 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

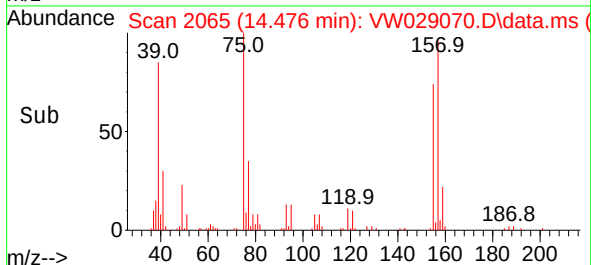
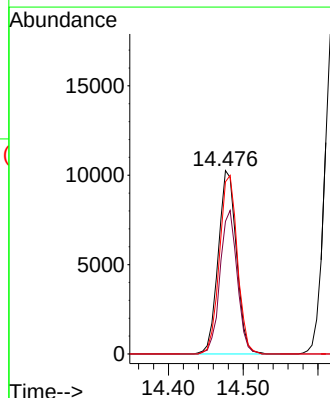
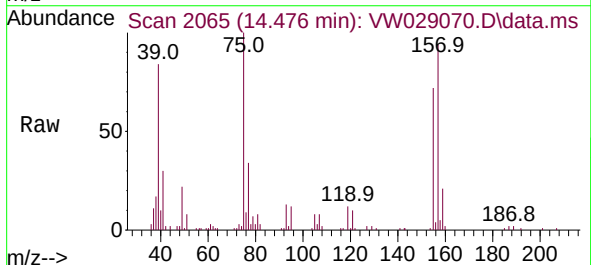
Tgt Ion: 75 Resp: 17395

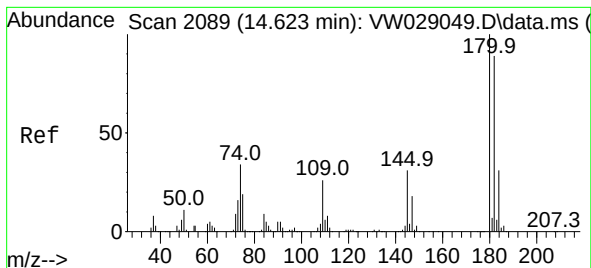
Ion Ratio Lower Upper

75 100

155 72.4 52.3 78.5

157 93.9 71.0 106.4





#69

1,3,5-Trichlorobenzene

Concen: 25.688 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

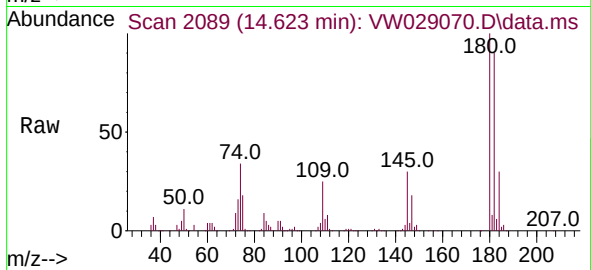
Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 157884

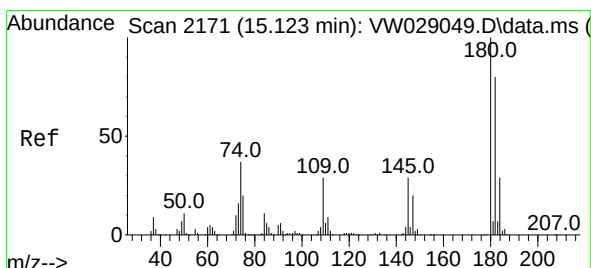
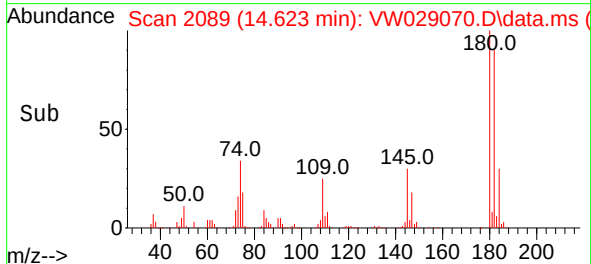
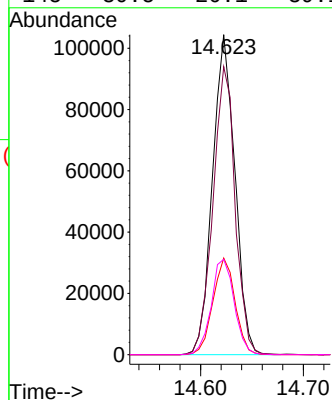
Ion Ratio Lower Upper

180 100

182 89.2 77.4 116.0

184 29.8 24.6 36.8

145 30.5 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 25.708 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW029070.D

Acq: 07 Jun 2024 18:17

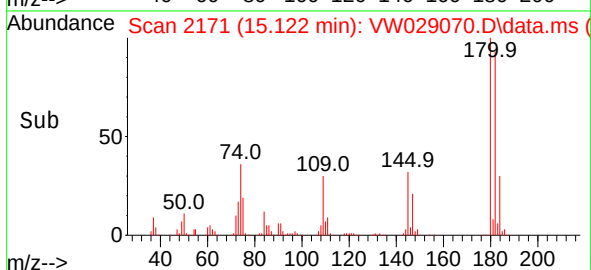
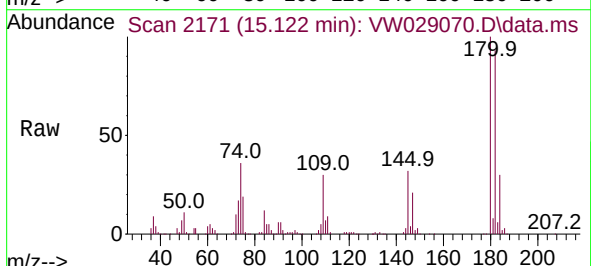
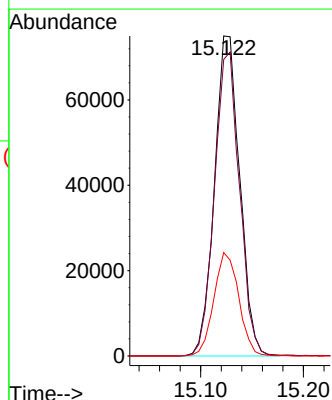
Tgt Ion:180 Resp: 128062

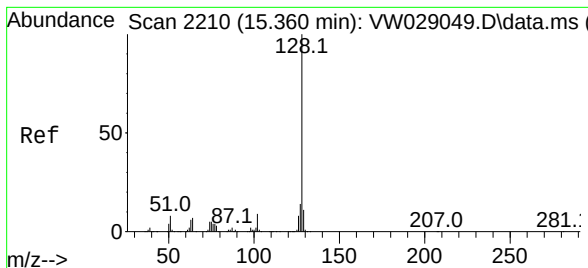
Ion Ratio Lower Upper

180 100

182 94.1 75.3 112.9

145 31.8 26.2 39.2

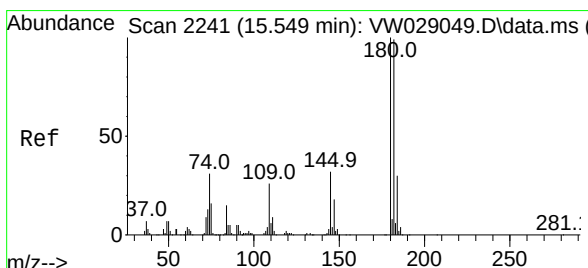
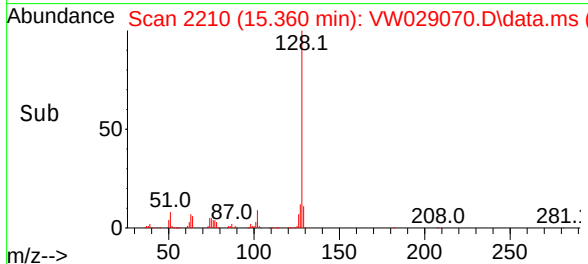
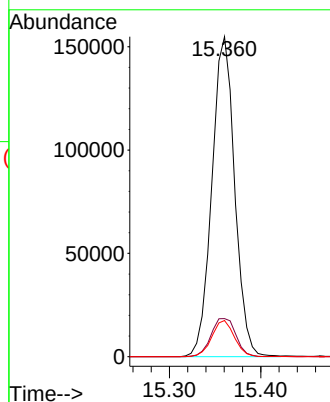
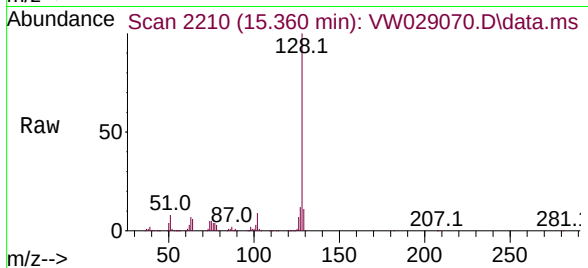




#71
Naphthalene
Concen: 31.626 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW029070.D
Acq: 07 Jun 2024 18:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 268421
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.2 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 27.125 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW029070.D
Acq: 07 Jun 2024 18:17

Tgt Ion:180 Resp: 115441
Ion Ratio Lower Upper
180 100
182 95.8 75.4 113.0
145 32.8 26.6 39.8

