

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060624\
 Data File : VW029024.D
 Acq On : 06 Jun 2024 08:57
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 07 00:18:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 05 23:49:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	327284	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	290417	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	154414	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	120924	23.258	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.040%
7) Chloroethane-d5	2.899	69	96585	24.191	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.760%
11) 1,1-Dichloroethene-d2	4.027	65	54049	23.651	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.600%
21) 2-Butanone-d5	7.075	46	56834	53.501	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.000%
24) Chloroform-d	7.648	84	235530	25.225	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.920%
26) 1,2-Dichloroethane-d4	8.307	65	126296	25.692	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.760%
32) Benzene-d6	8.276	84	477254	26.774	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.080%
36) 1,2-Dichloropropane-d6	9.270	67	143619	26.574	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.280%
41) Toluene-d8	10.319	98	424408	26.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.720%
43) trans-1,3-Dichloroprop...	10.575	79	54333	26.163	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.640%
47) 2-Hexanone-d5	10.922	63	41129	57.668	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	104807	27.915	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.640%
66) 1,2-Dichlorobenzene-d4	13.849	152	134274	24.505	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	71807	19.214	ug/L	92
3) Chloromethane	2.223	50	104358	22.856	ug/L	98
5) Vinyl chloride	2.375	62	122779	22.215	ug/L	100
6) Bromomethane	2.790	94	75438	22.781	ug/L	100
8) Chloroethane	2.936	64	76604	22.951	ug/L	98
9) Trichlorofluoromethane	3.265	101	107761	23.456	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	108272	23.885	ug/L #	74
12) 1,1-Dichloroethene	4.045	96	99149	23.967	ug/L	97
13) Acetone	4.119	43	69146	62.112	ug/L	100
14) Carbon disulfide	4.393	76	328845	23.479	ug/L	99
15) Methyl Acetate	4.673	43	49212	26.616	ug/L	97
16) Methylene chloride	4.917	84	112434	22.890	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	107573	23.849	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	153446	24.396	ug/L	99
19) 1,1-Dichloroethane	6.216	63	220962	24.917	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	117803	24.912	ug/L	98
22) 2-Butanone	7.173	43	78365	58.417	ug/L	99
23) Bromochloromethane	7.520	128	50195	24.317	ug/L	94
25) Chloroform	7.679	83	214978	24.960	ug/L	100

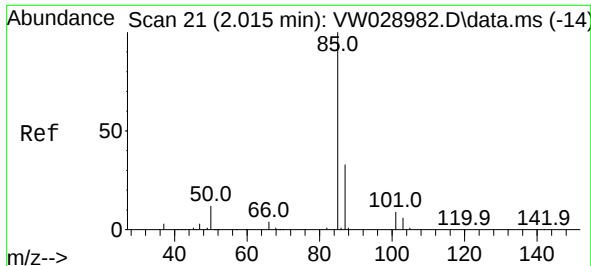
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060624\
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 Quant Title : SFAM01.0
 QLast Update : Wed Jun 05 23:49:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	145343	25.181	ug/L	99
29) Cyclohexane	7.959	56	190109	26.328	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	169768	25.229	ug/L	100
31) Carbon tetrachloride	8.069	117	156565	25.544	ug/L	99
33) Benzene	8.325	78	472389	26.159	ug/L	100
34) Trichloroethene	9.093	95	124687	26.264	ug/L	95
35) Methylcyclohexane	9.337	83	218208	27.094	ug/L	100
37) 1,2-Dichloropropane	9.368	63	126895	26.834	ug/L	99
38) Bromodichloromethane	9.642	83	149444	25.912	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	182994	26.628	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	138490	57.577	ug/L	99
42) Toluene	10.386	91	504100	27.326	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	150459	27.157	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	83569	26.167	ug/L	98
46) Tetrachloroethene	10.861	164	91062	25.246	ug/L	89
48) 2-Hexanone	10.965	43	113742	63.072	ug/L	98
49) Dibromochloromethane	11.123	129	90899	26.947	ug/L	99
50) 1,2-Dibromoethane	11.233	107	77463	26.570	ug/L	98
51) Chlorobenzene	11.654	112	312565	26.376	ug/L	99
52) Ethylbenzene	11.727	91	567326	27.067	ug/L	99
53) m,p-Xylene	11.837	106	213655	27.521	ug/L	95
54) o-Xylene	12.166	106	196800	27.377	ug/L	93
55) Styrene	12.178	104	349079	28.166	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	99027	27.467	ug/L	99
59) Bromoform	12.343	173	48464	24.408	ug/L	95
60) Isopropylbenzene	12.459	105	552930	25.302	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	71748	24.633	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	407663	25.648	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	436809	26.004	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	227946	24.272	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	237644	24.229	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	202733	24.086	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	14642	23.585	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	153792	23.851	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	120769	23.109	ug/L	98
71) Naphthalene	15.360	128	222526	24.991	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	110066	24.651	ug/L	98

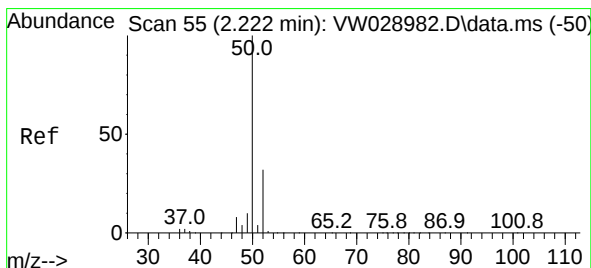
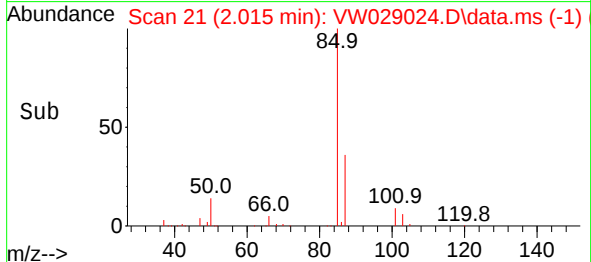
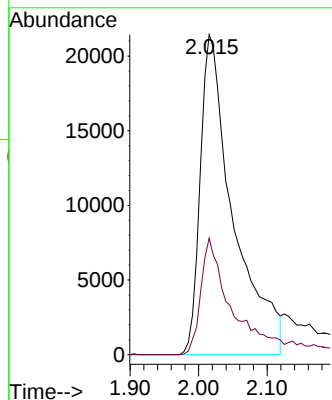
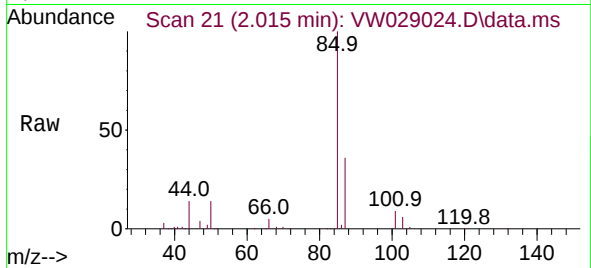
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#2
 Dichlorodifluoromethane
 Concen: 19.214 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029024.D
 Acq: 06 Jun 2024 08:57

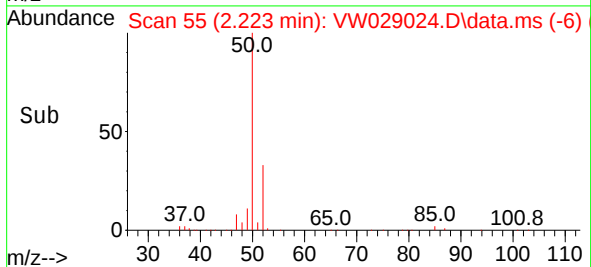
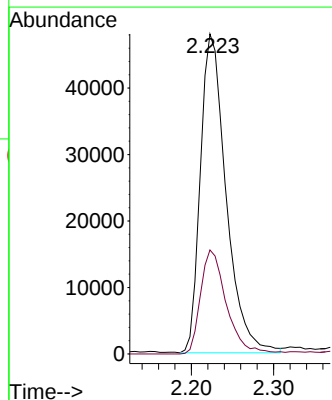
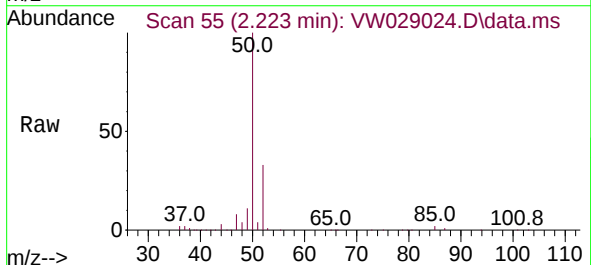
Instrument :
 MSVOA_W
 ClientSampleId :

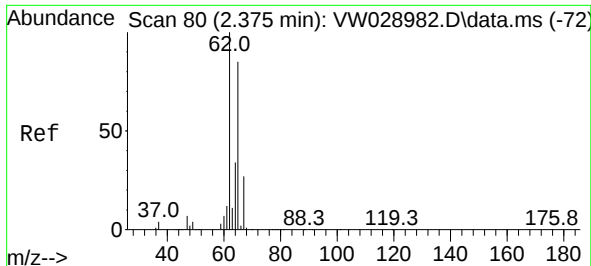
Tgt Ion: 85 Resp: 71807
 Ion Ratio Lower Upper
 85 100
 87 27.0 25.3 37.9



#3
 Chloromethane
 Concen: 22.856 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW029024.D
 Acq: 06 Jun 2024 08:57

Tgt Ion: 50 Resp: 104358
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.1 41.1

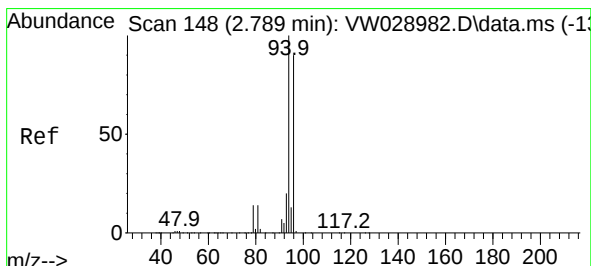
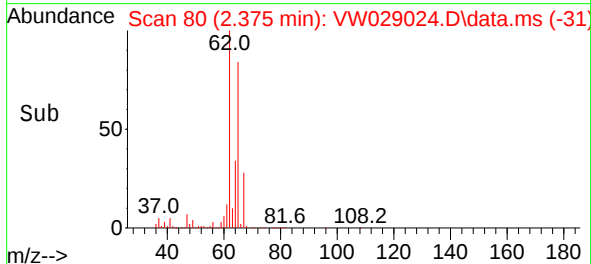
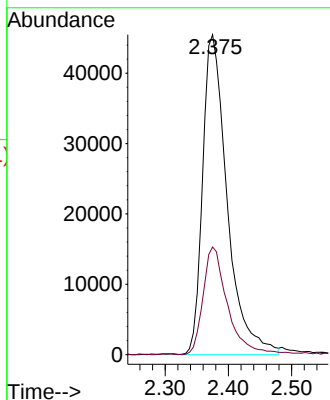
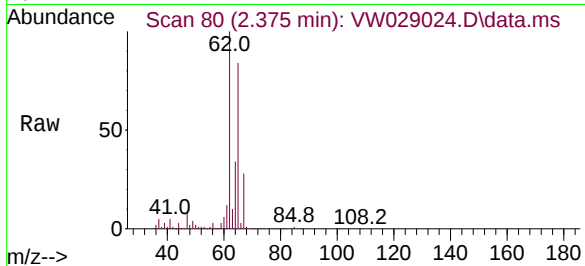




#5
 Vinyl chloride
 Concen: 22.215 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029024.D
 Acq: 06 Jun 2024 08:57

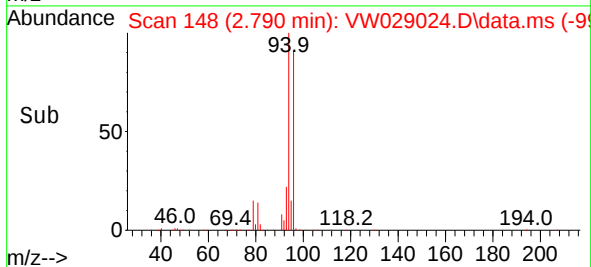
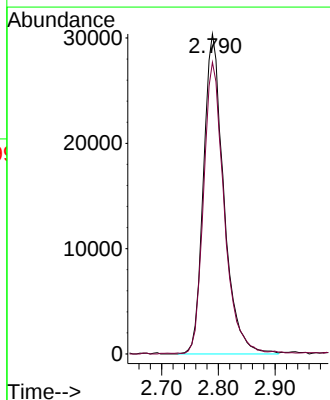
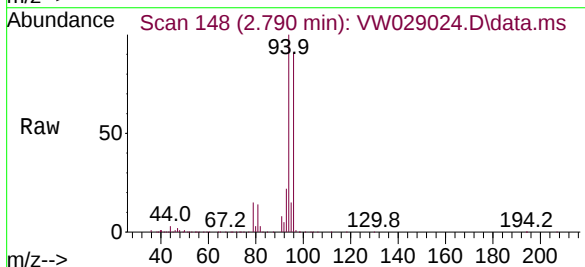
Instrument :
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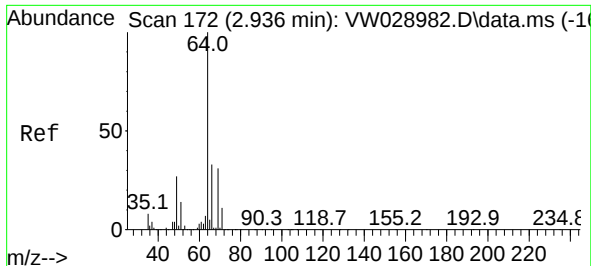
Tgt Ion: 62 Resp: 122779
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.4 43.4



#6
 Bromomethane
 Concen: 22.781 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029024.D
 Acq: 06 Jun 2024 08:57

Tgt Ion: 94 Resp: 75438
 Ion Ratio Lower Upper
 94 100
 96 91.1 63.7 118.3

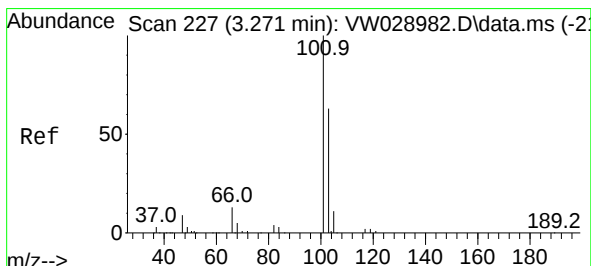
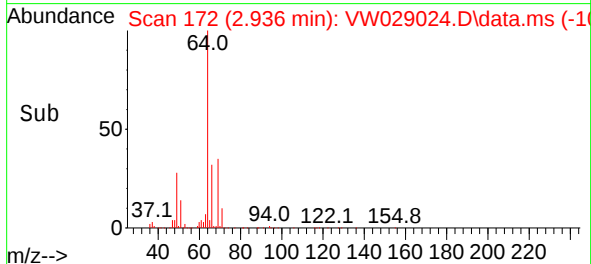
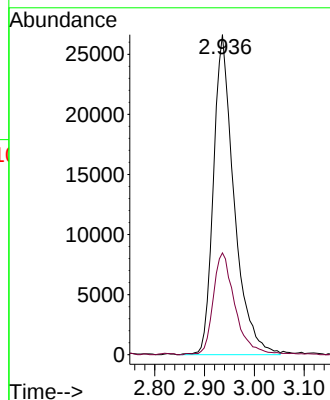
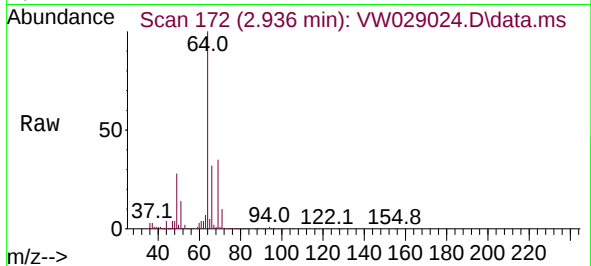




#8
Chloroethane
Concen: 22.951 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029024.D
Acq: 06 Jun 2024 08:57

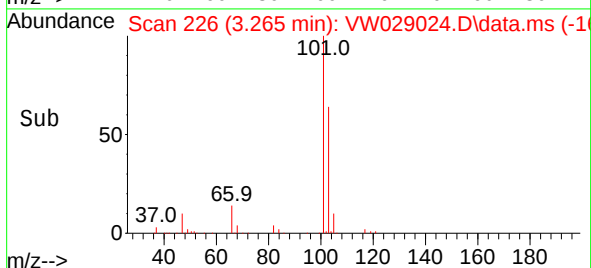
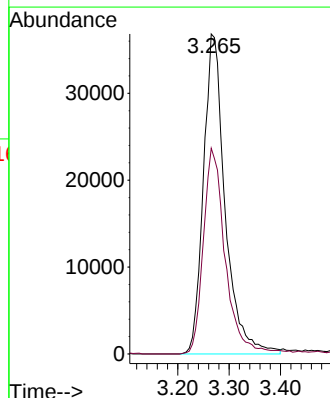
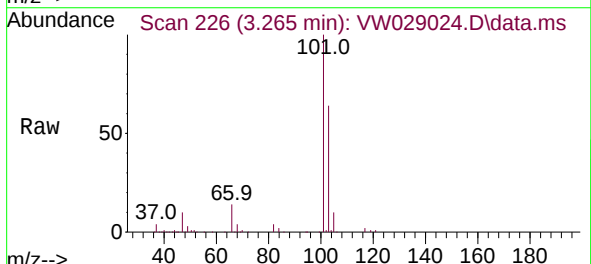
Instrument :
MSVOA_W
ClientSampleId :

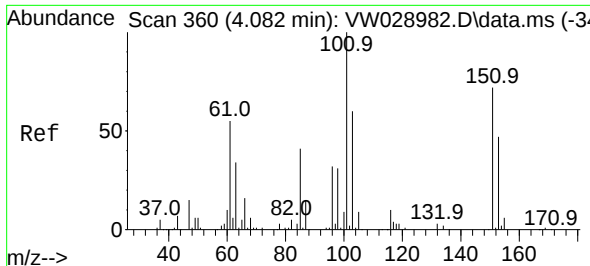
Tgt Ion: 64 Resp: 76604
Ion Ratio Lower Upper
64 100
66 31.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 23.456 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029024.D
Acq: 06 Jun 2024 08:57

Tgt Ion:101 Resp: 107761
Ion Ratio Lower Upper
101 100
103 63.5 51.3 76.9





#10

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

Concen: 23.885 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.006 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

Instrument :

MSVOA_W

ClientSampleId :

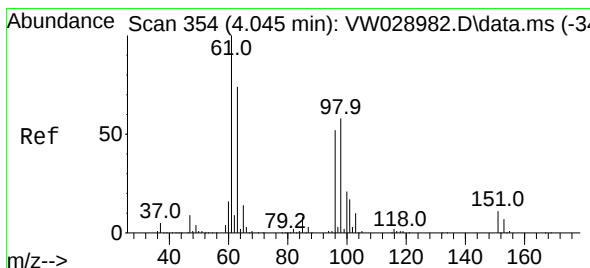
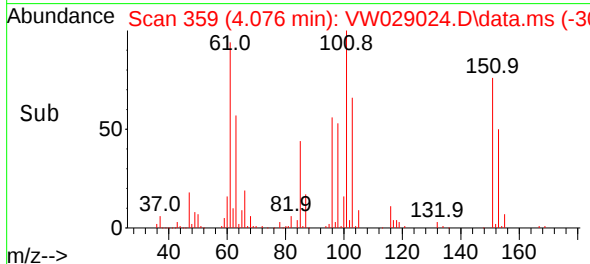
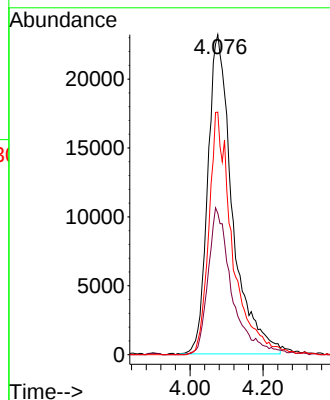
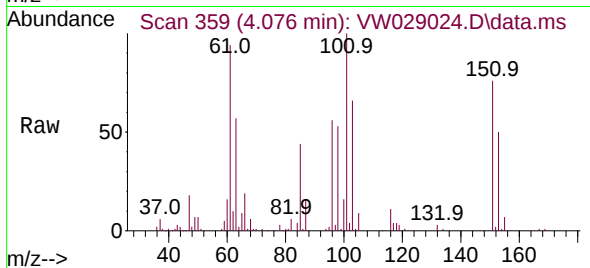
Tgt Ion:101 Resp: 108272

Ion Ratio Lower Upper

101 100

85 41.7 35.8 53.8

151 39.8 58.5 87.7#



#12

1,1-Dichloroethene

Concen: 23.967 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

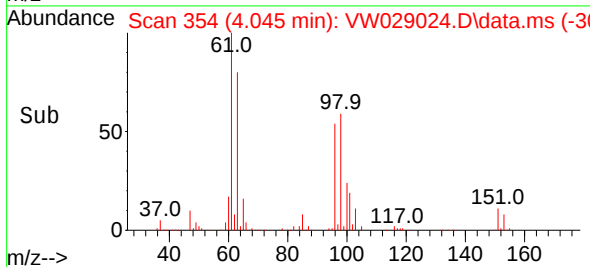
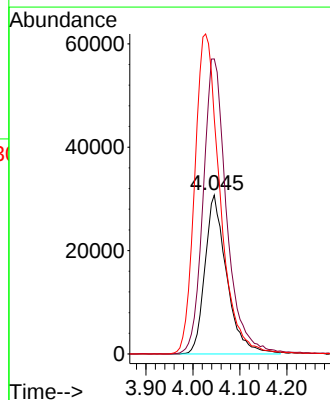
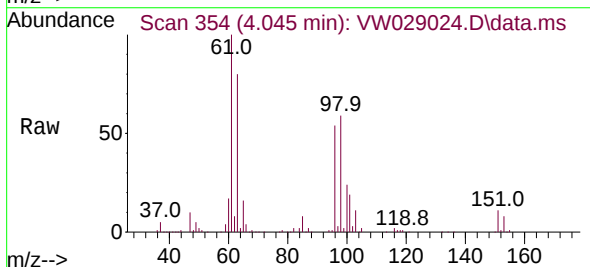
Tgt Ion: 96 Resp: 99149

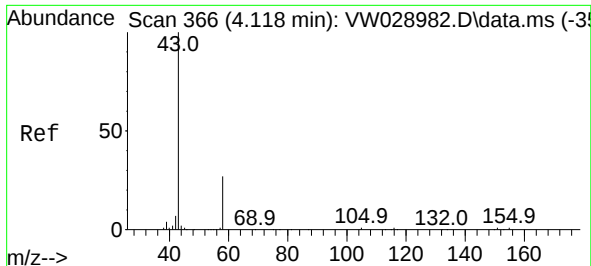
Ion Ratio Lower Upper

96 100

61 185.7 132.2 245.4

63 148.1 108.4 201.2





#13

Acetone

Concen: 62.112 ug/L

RT: 4.119 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

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MSVOA_W

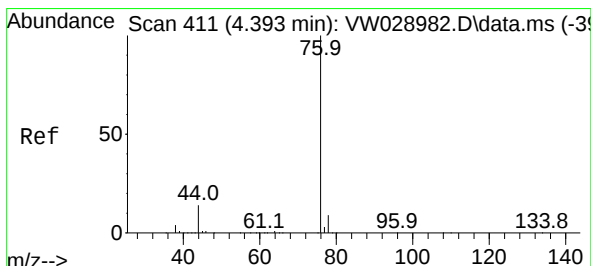
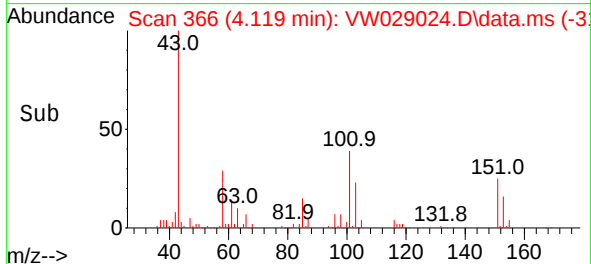
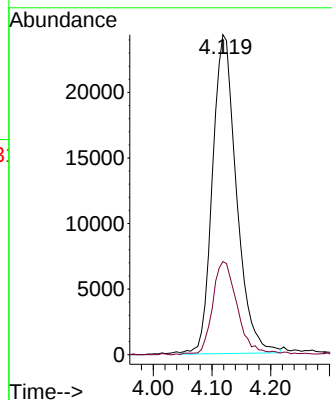
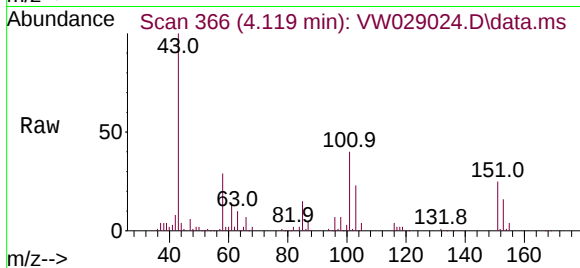
ClientSampleId :

Tgt Ion: 43 Resp: 69146

Ion Ratio Lower Upper

43 100

58 29.6 0.0 59.4



#14

Carbon disulfide

Concen: 23.479 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW029024.D

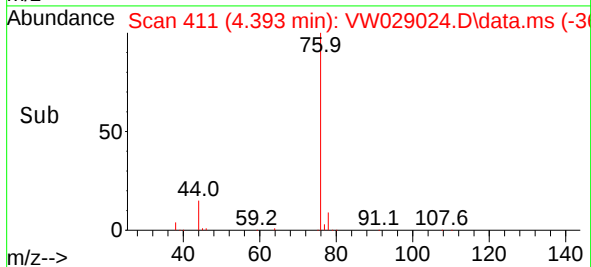
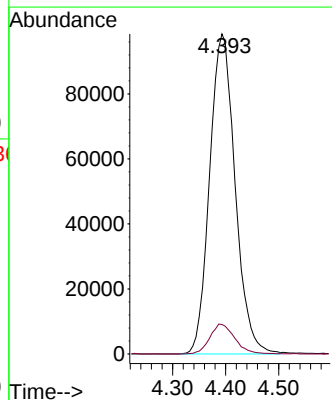
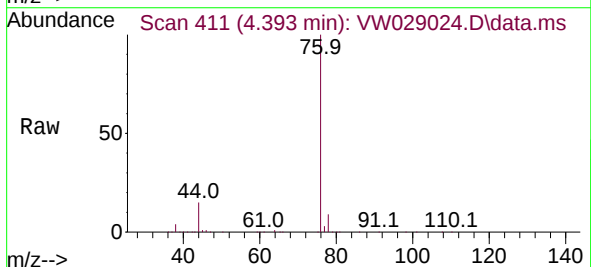
Acq: 06 Jun 2024 08:57

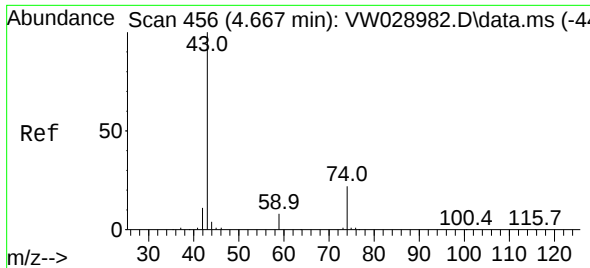
Tgt Ion: 76 Resp: 328845

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

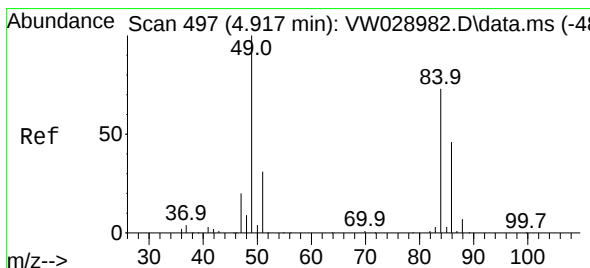
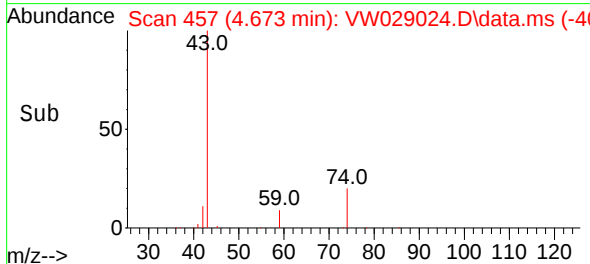
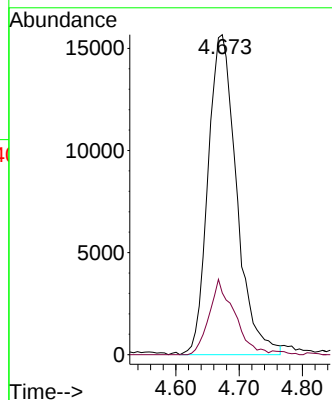
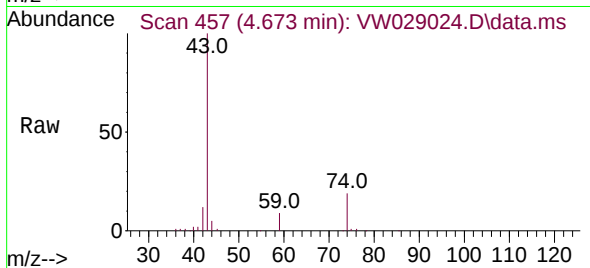




#15
Methyl Acetate
Concen: 26.616 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW029024.D
Acq: 06 Jun 2024 08:57

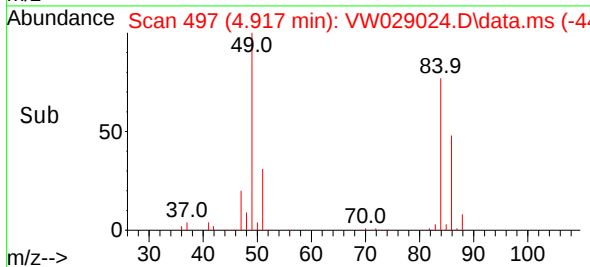
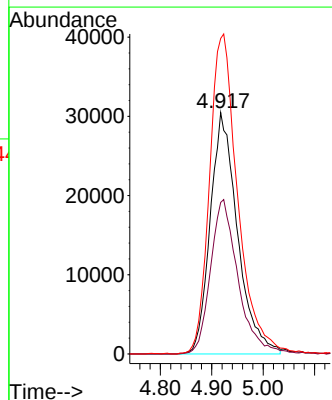
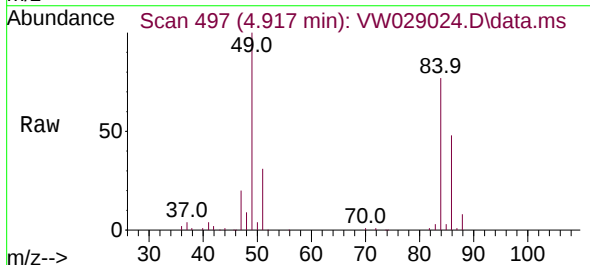
Instrument :
MSVOA_W
ClientSampleId :

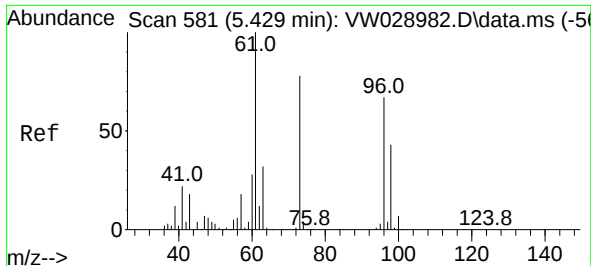
Tgt Ion: 43 Resp: 49212
Ion Ratio Lower Upper
43 100
74 20.4 17.4 26.2



#16
Methylene chloride
Concen: 22.890 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW029024.D
Acq: 06 Jun 2024 08:57

Tgt Ion: 84 Resp: 112434
Ion Ratio Lower Upper
84 100
86 62.7 43.8 81.4
49 130.6 91.3 169.5





#17

trans-1,2-Dichloroethene

Concen: 23.849 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

Instrument :

MSVOA_W

ClientSampleId :

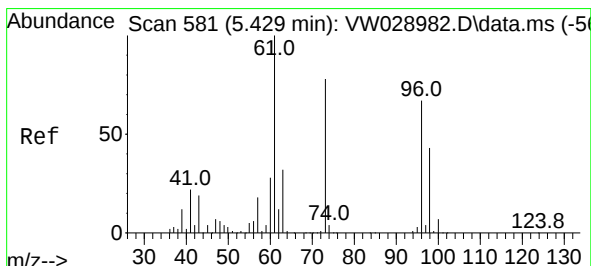
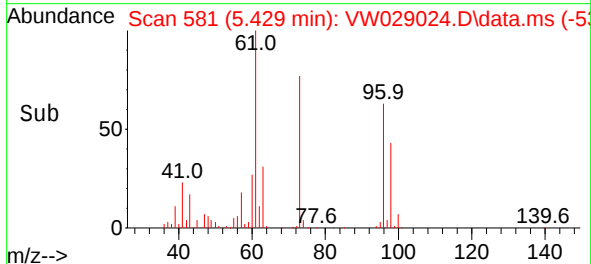
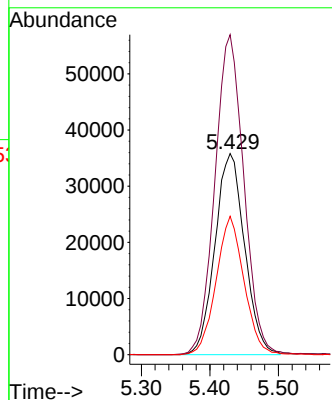
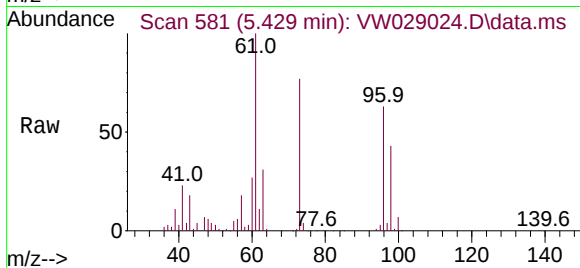
Tgt Ion: 96 Resp: 107573

Ion Ratio Lower Upper

96 100

61 159.1 104.6 194.2

98 68.8 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 24.396 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

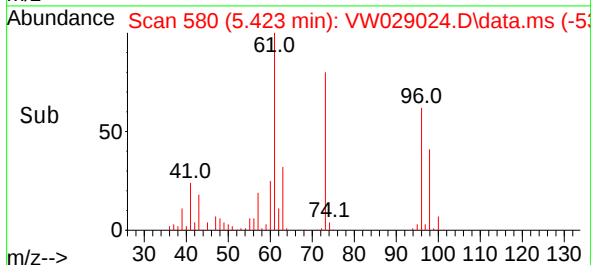
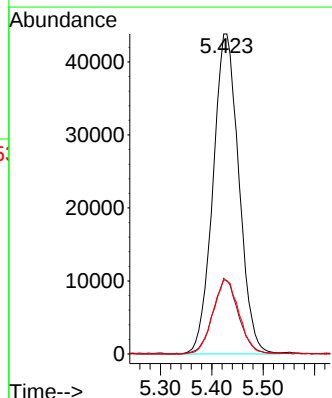
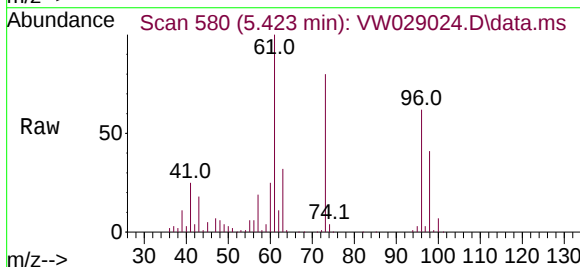
Tgt Ion: 73 Resp: 153446

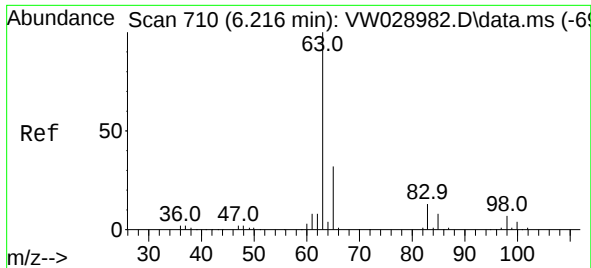
Ion Ratio Lower Upper

73 100

43 23.1 17.8 26.6

57 23.5 18.4 27.6





#19

1,1-Dichloroethane

Concen: 24.917 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

Instrument :

MSVOA_W

ClientSampleId :

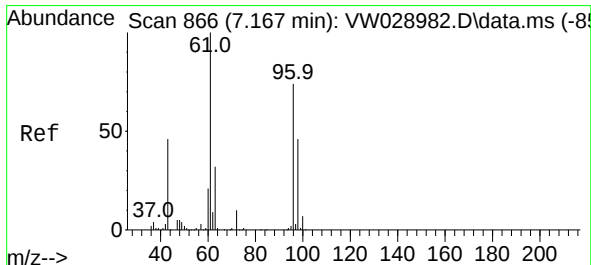
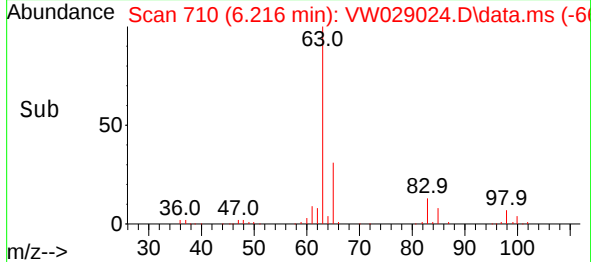
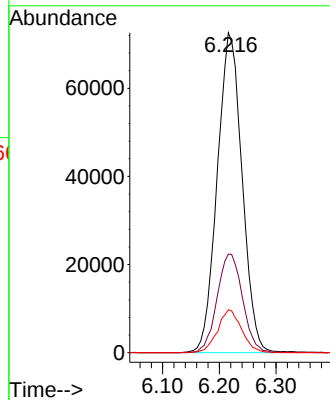
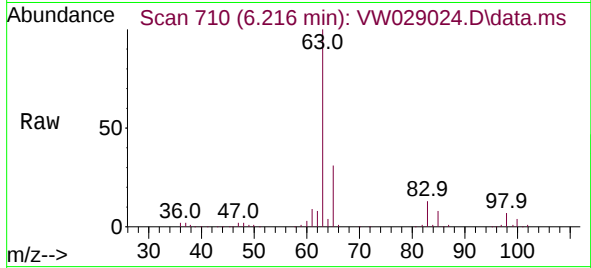
Tgt Ion: 63 Resp: 220962

Ion Ratio Lower Upper

63 100

65 30.8 21.8 40.6

83 13.4 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 24.912 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

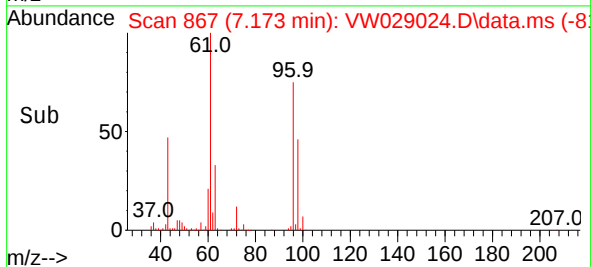
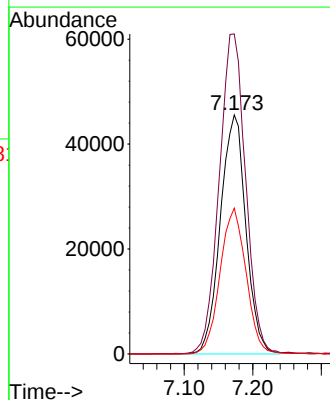
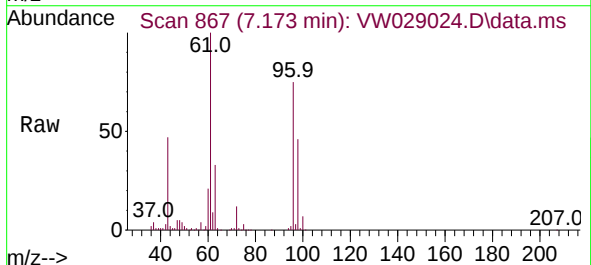
Tgt Ion: 96 Resp: 117803

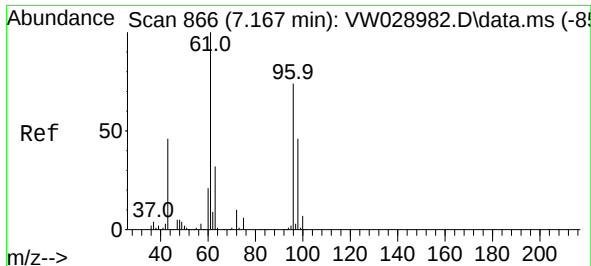
Ion Ratio Lower Upper

96 100

61 133.8 92.9 172.5

98 60.9 45.2 84.0





#22

2-Butanone

Concen: 58.417 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

Instrument :

MSVOA_W

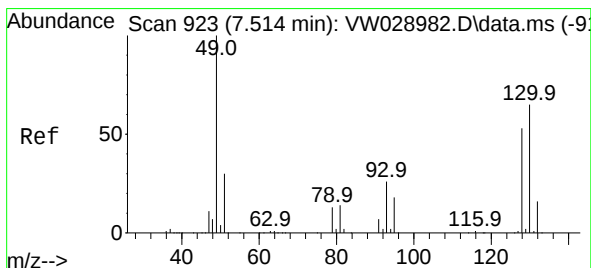
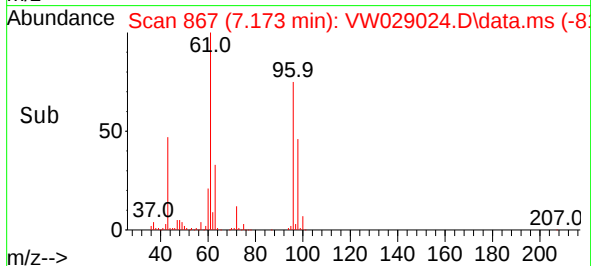
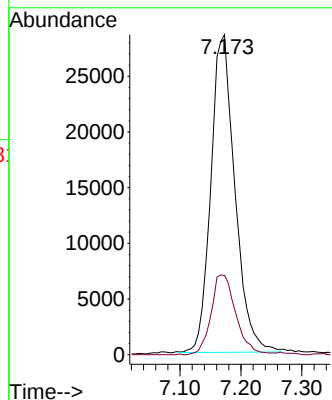
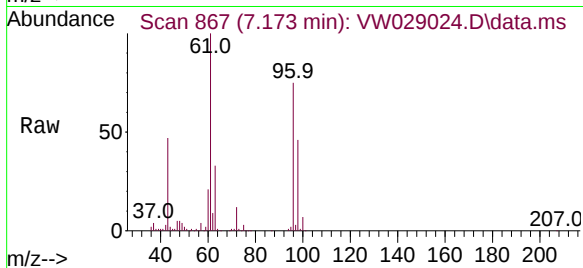
ClientSampleId :

Tgt Ion: 43 Resp: 78365

Ion Ratio Lower Upper

43 100

72 25.7 12.5 37.5



#23

Bromochloromethane

Concen: 24.317 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.000 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

Tgt Ion: 128 Resp: 50195

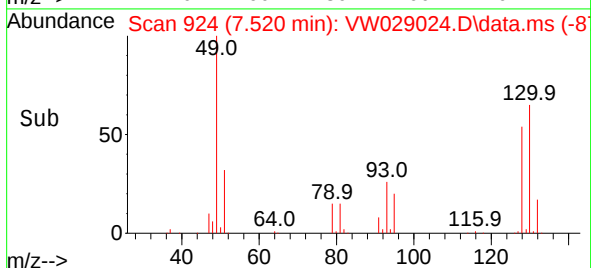
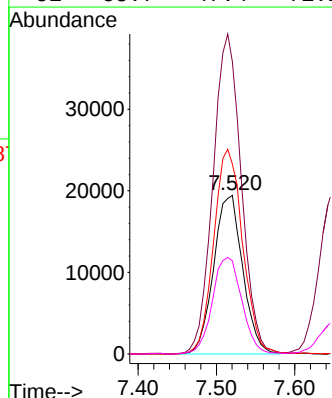
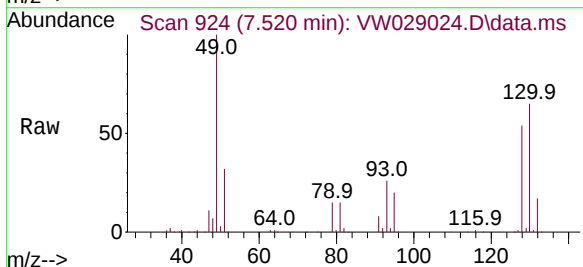
Ion Ratio Lower Upper

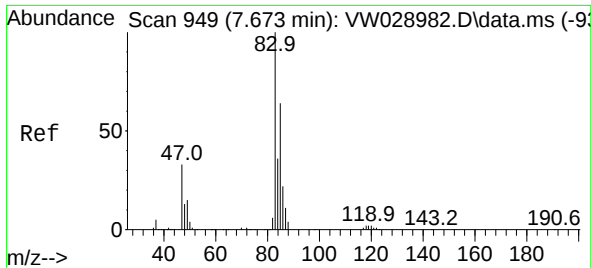
128 100

49 184.4 135.9 252.3

130 119.8 89.0 165.2

51 58.7 47.4 71.2





#25

Chloroform

Concen: 24.960 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

Instrument :

MSVOA_W

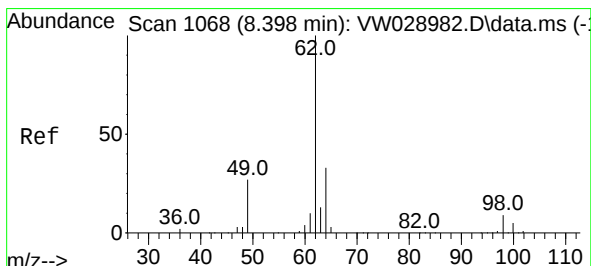
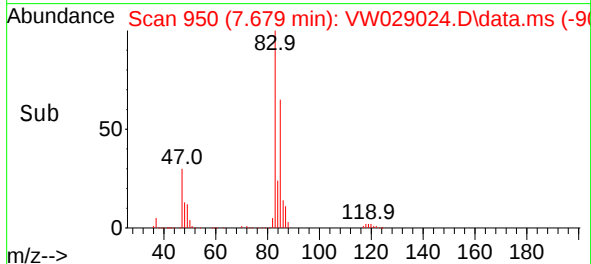
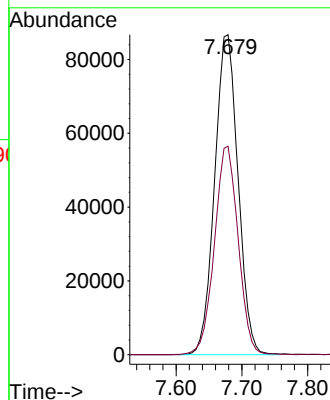
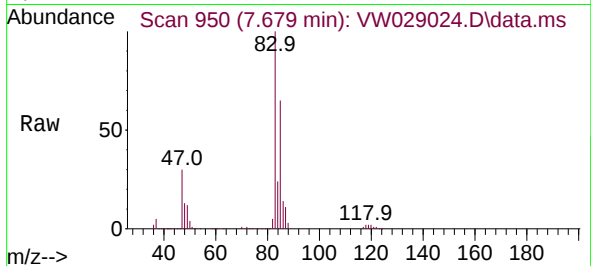
ClientSampleId :

Tgt Ion: 83 Resp: 214978

Ion Ratio Lower Upper

83 100

85 65.2 45.8 85.2



#27

1,2-Dichloroethane

Concen: 25.181 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029024.D

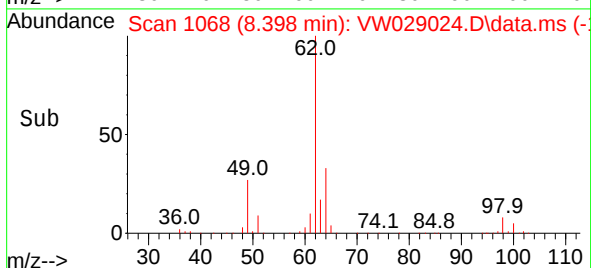
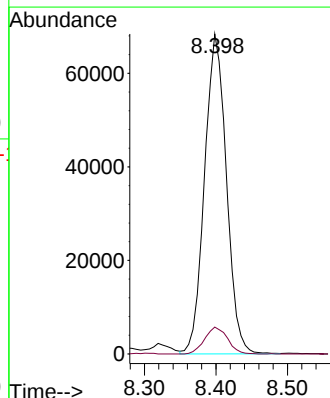
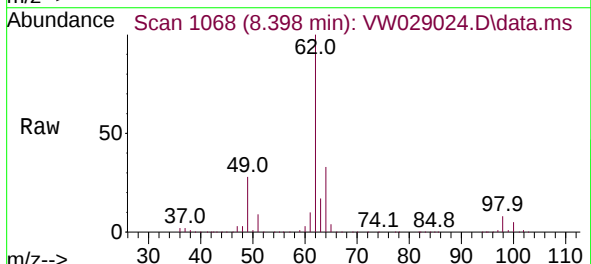
Acq: 06 Jun 2024 08:57

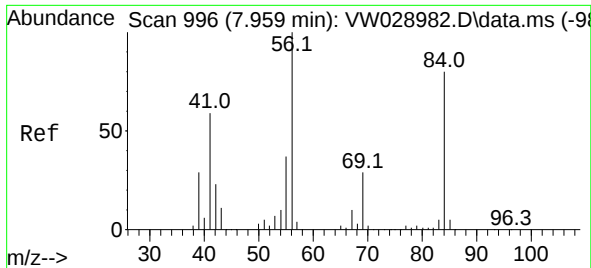
Tgt Ion: 62 Resp: 145343

Ion Ratio Lower Upper

62 100

98 8.4 7.1 10.7





#29

Cyclohexane

Concen: 26.328 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

Instrument :

MSVOA_W

ClientSampleId :

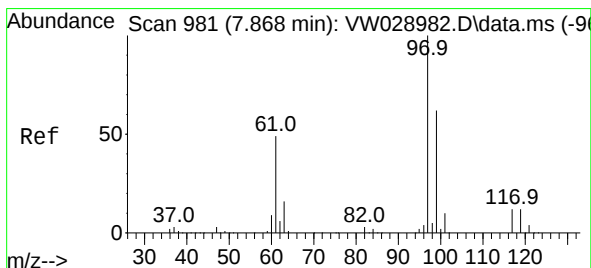
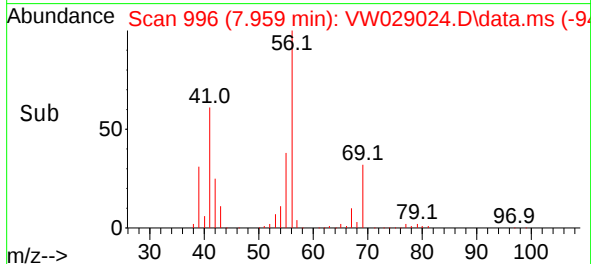
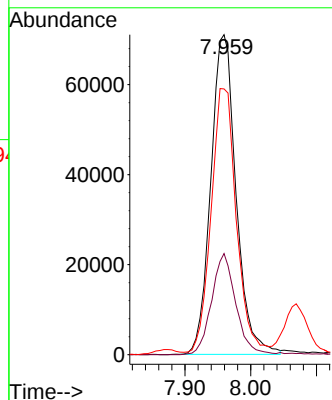
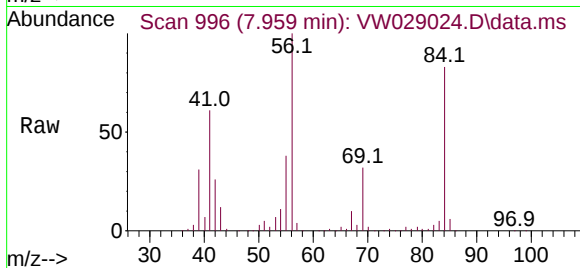
Tgt Ion: 56 Resp: 190109

Ion Ratio Lower Upper

56 100

69 30.1 24.2 36.4

84 83.4 65.4 98.2



#30

1,1,1-Trichloroethane

Concen: 25.229 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

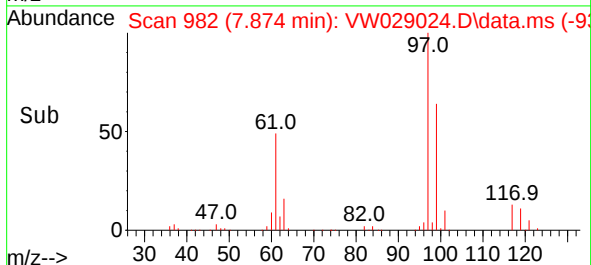
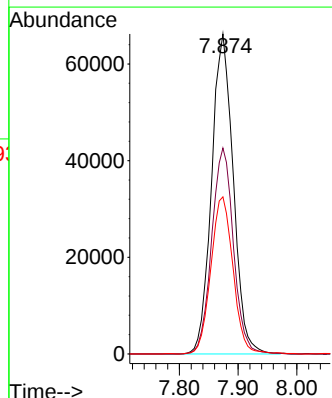
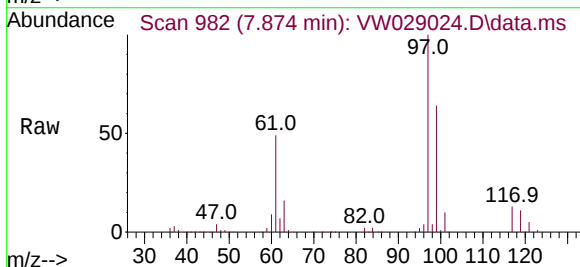
Tgt Ion: 97 Resp: 169768

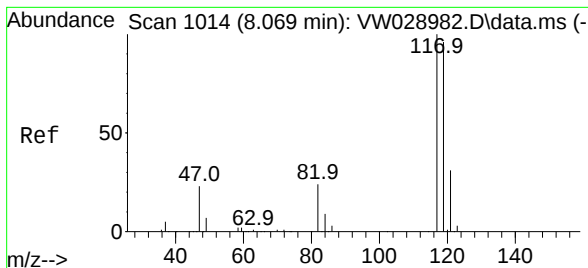
Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 50.1 39.6 59.4





#31

Carbon tetrachloride

Concen: 25.544 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

Instrument :

MSVOA_W

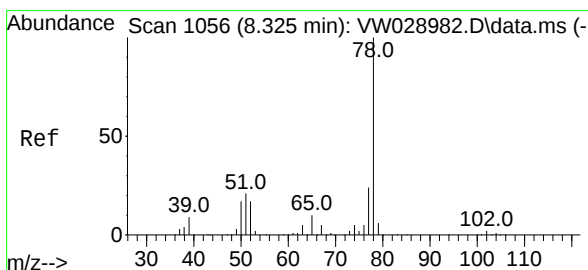
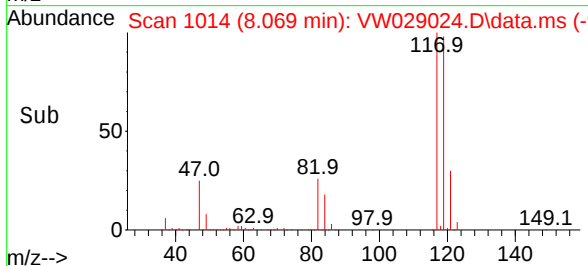
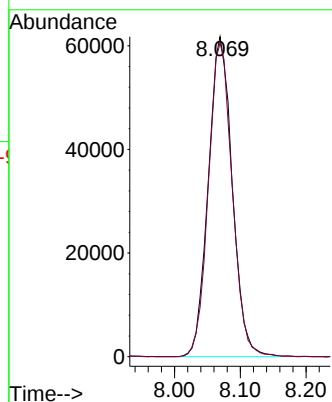
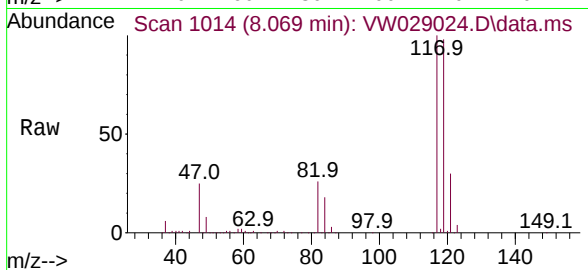
ClientSampleId :

Tgt Ion:117 Resp: 156565

Ion Ratio Lower Upper

117 100

119 97.6 78.8 118.2



#33

Benzene

Concen: 26.159 ug/L

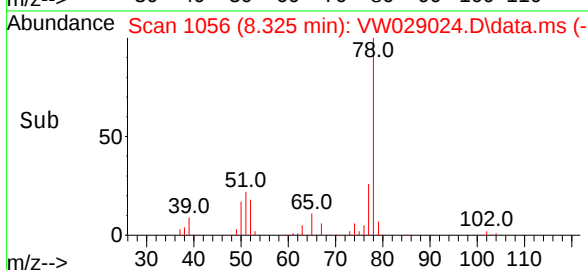
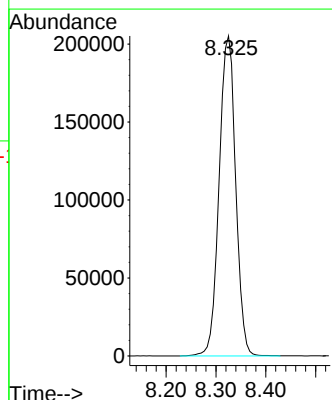
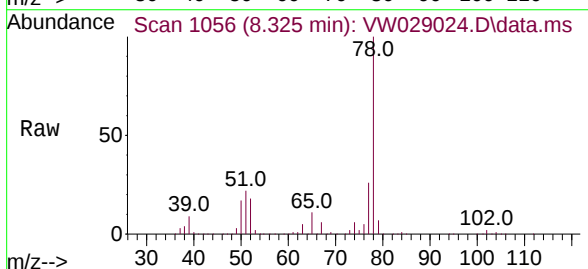
RT: 8.325 min Scan# 1056

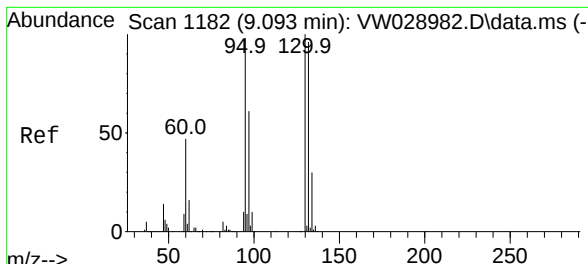
Delta R.T. 0.000 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

Tgt Ion: 78 Resp: 472389





#34

Trichloroethene

Concen: 26.264 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

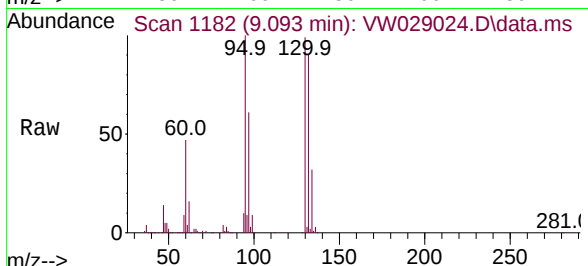
Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 124687

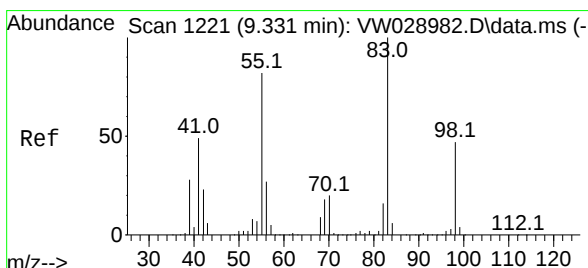
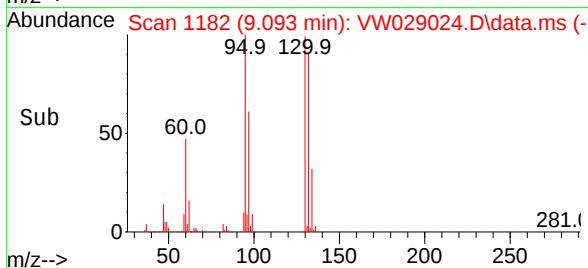
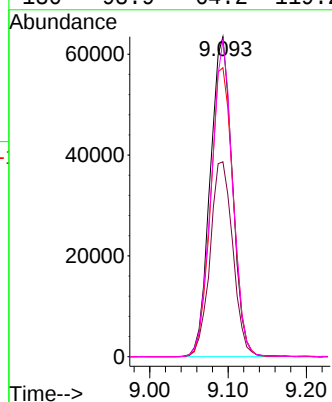
Ion Ratio Lower Upper

95 100

97 60.9 41.9 77.7

132 90.3 60.1 111.5

130 98.9 64.2 119.2



#35

Methylcyclohexane

Concen: 27.094 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

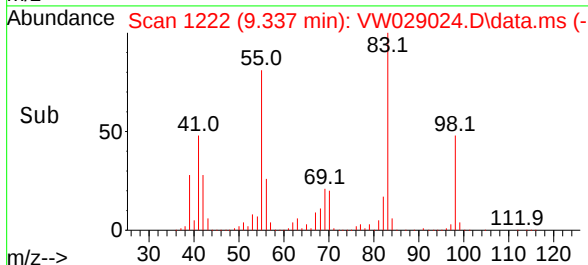
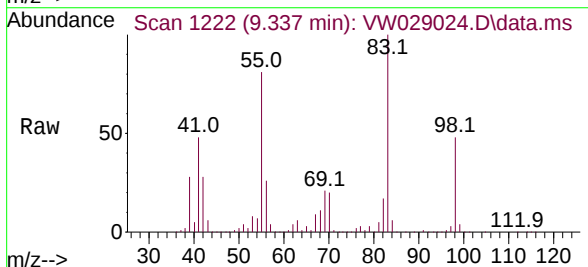
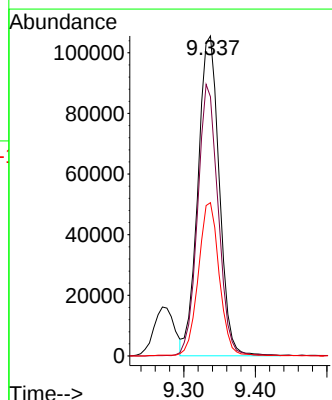
Tgt Ion: 83 Resp: 218208

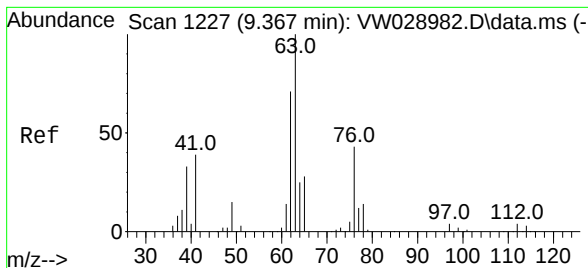
Ion Ratio Lower Upper

83 100

55 82.1 65.8 98.6

98 47.2 38.4 57.6





#37

1,2-Dichloropropane

Concen: 26.834 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

Instrument :

MSVOA_W

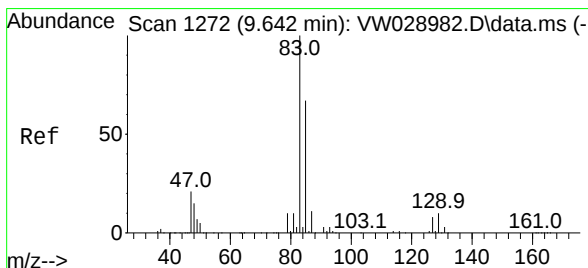
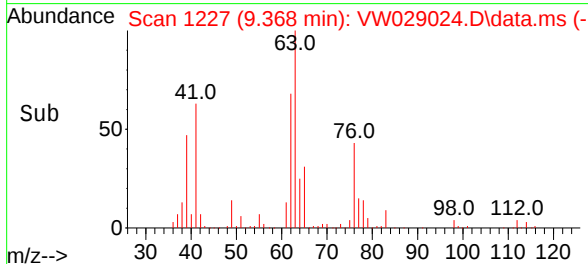
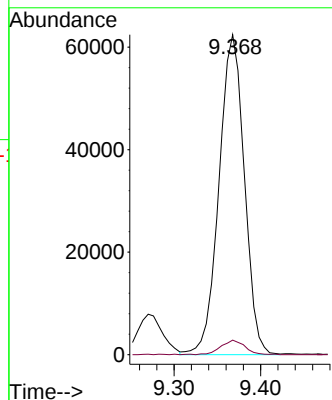
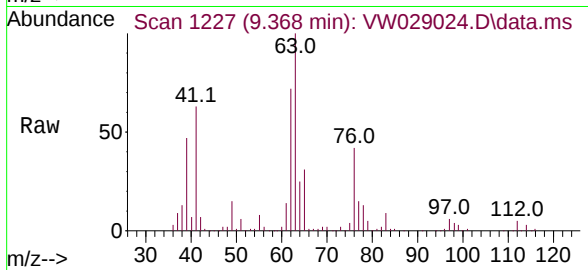
ClientSampleId :

Tgt Ion: 63 Resp: 126895

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 25.912 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

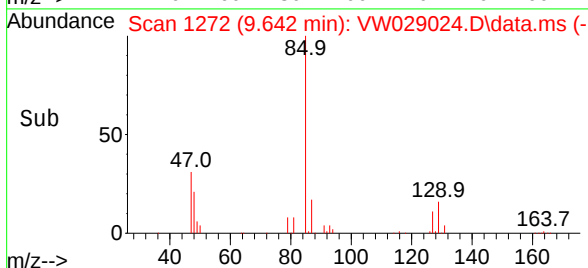
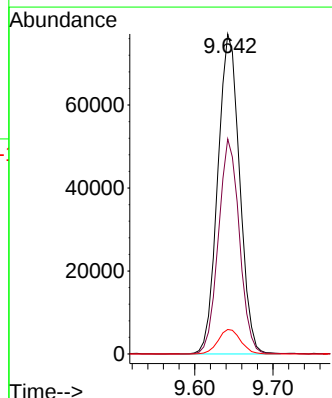
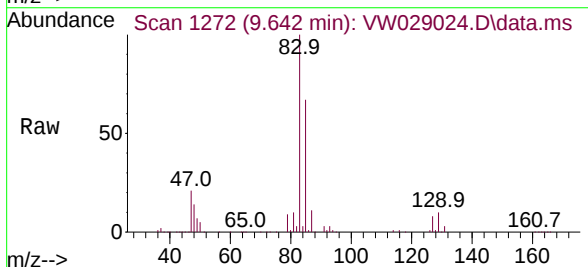
Tgt Ion: 83 Resp: 149444

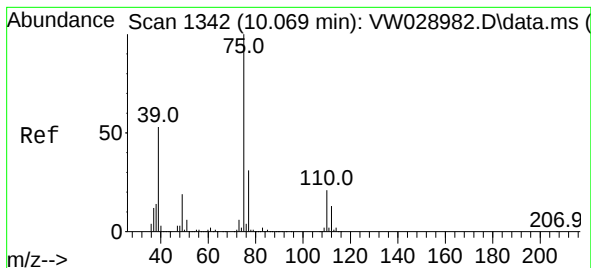
Ion Ratio Lower Upper

83 100

85 67.2 43.9 81.5

127 7.7 5.4 8.2

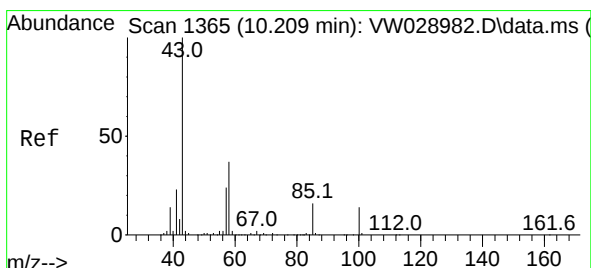
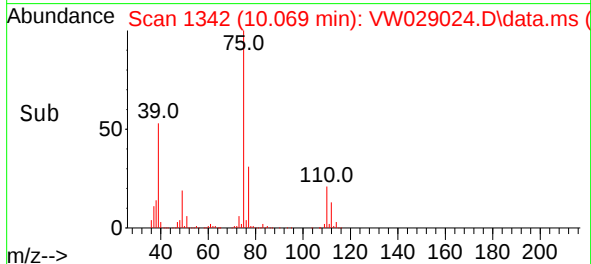
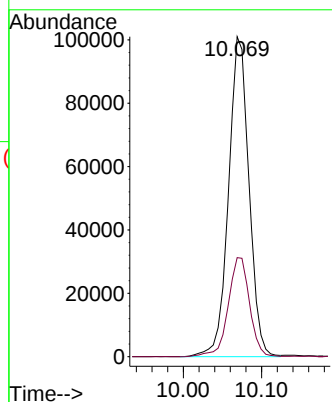
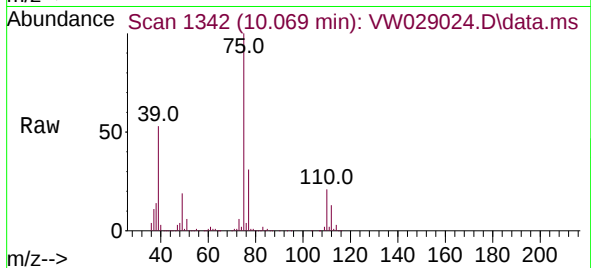




#39
cis-1,3-Dichloropropene
Concen: 26.628 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW029024.D
Acq: 06 Jun 2024 08:57

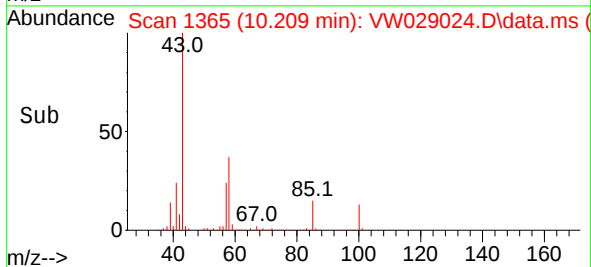
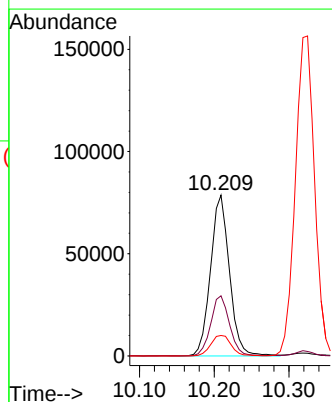
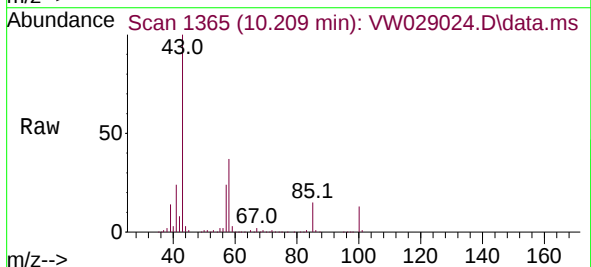
Instrument :
MSVOA_W
ClientSampleId :

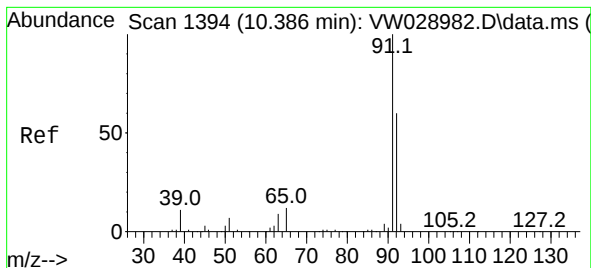
Tgt Ion: 75 Resp: 182994
Ion Ratio Lower Upper
75 100
77 31.0 21.0 39.0



#40
4-Methyl-2-pentanone
Concen: 57.577 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW029024.D
Acq: 06 Jun 2024 08:57

Tgt Ion: 43 Resp: 138490
Ion Ratio Lower Upper
43 100
58 37.4 30.3 45.5
100 13.9 10.7 16.1





#42

Toluene

Concen: 27.326 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

Instrument :

MSVOA_W

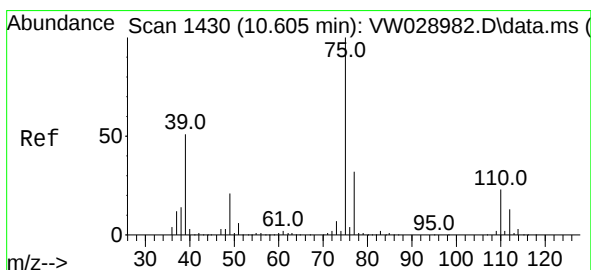
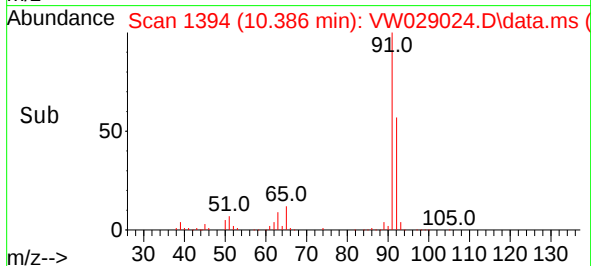
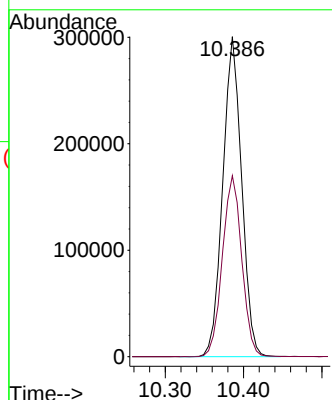
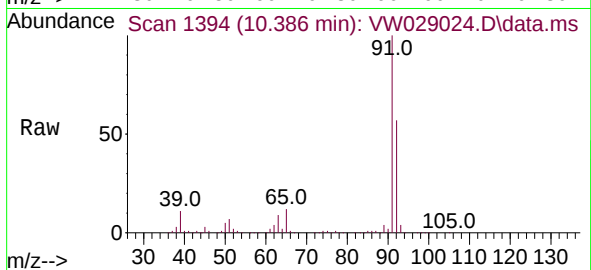
ClientSampleId :

Tgt Ion: 91 Resp: 504100

Ion Ratio Lower Upper

91 100

92 56.6 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 27.157 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029024.D

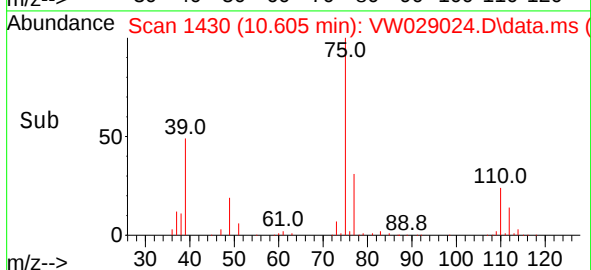
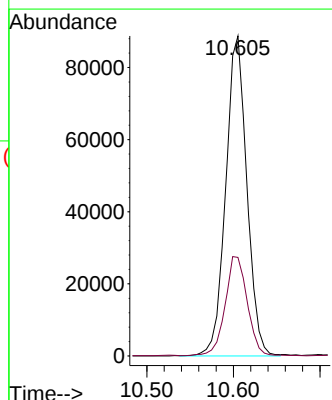
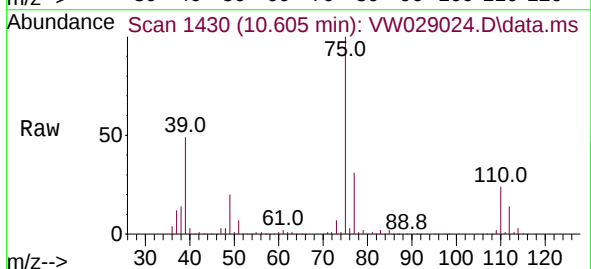
Acq: 06 Jun 2024 08:57

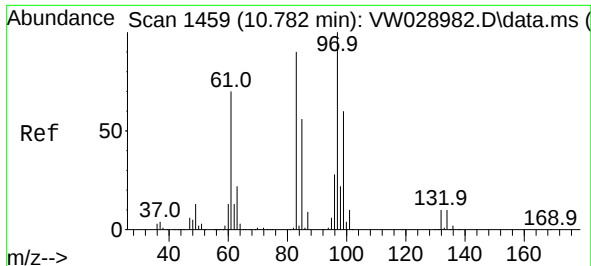
Tgt Ion: 75 Resp: 150459

Ion Ratio Lower Upper

75 100

77 30.8 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 26.167 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

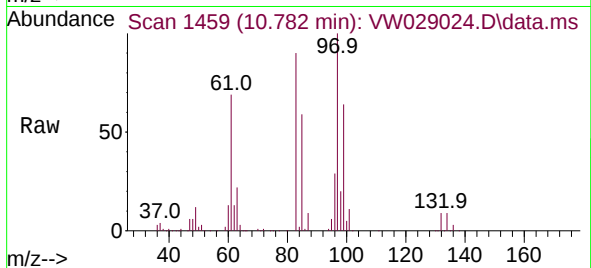
Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 83569

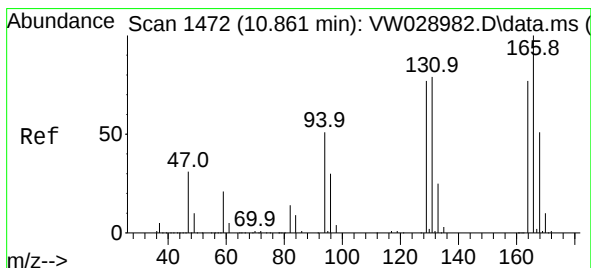
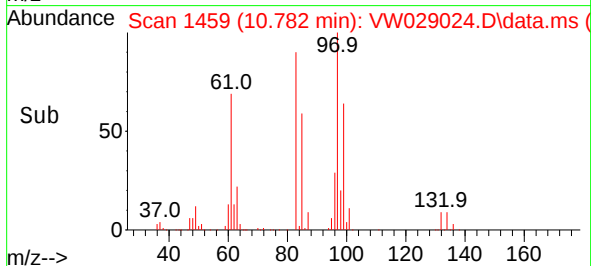
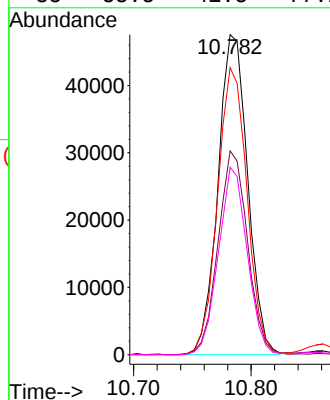
Ion Ratio Lower Upper

97 100

99 63.7 41.8 77.6

83 89.7 62.4 115.8

85 58.5 41.5 77.1



#46

Tetrachloroethene

Concen: 25.246 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

Tgt Ion:164 Resp: 91062

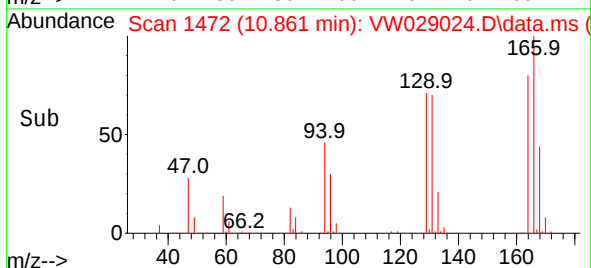
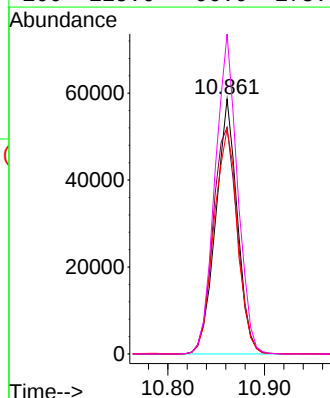
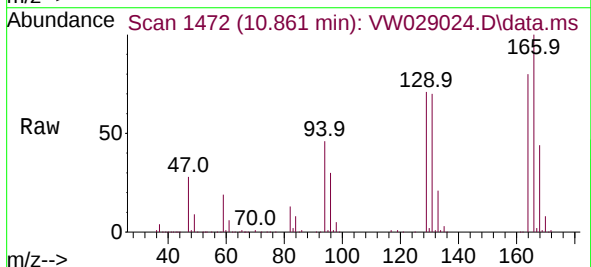
Ion Ratio Lower Upper

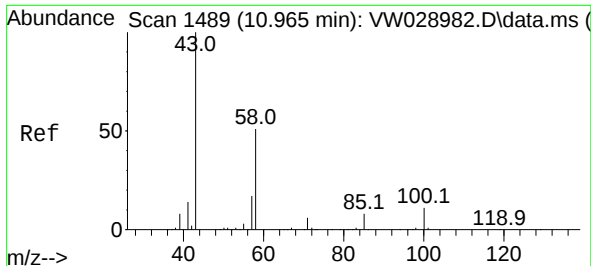
164 100

129 88.9 69.4 128.8

131 88.3 71.0 131.9

166 125.6 96.0 178.4

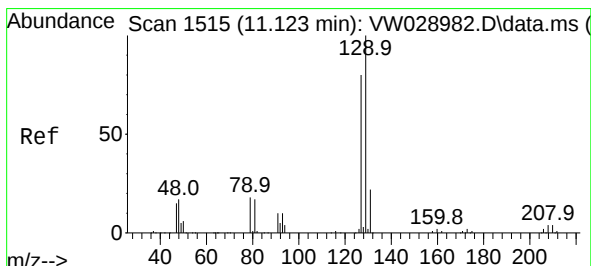
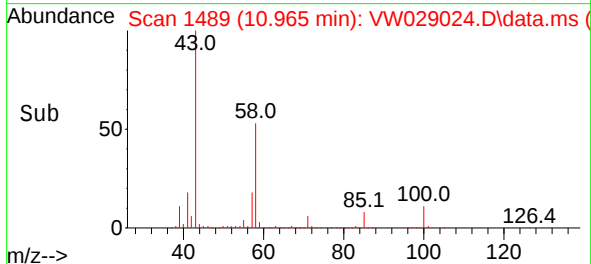
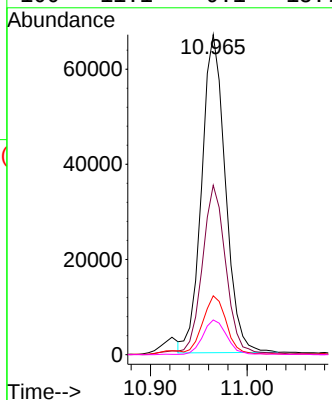
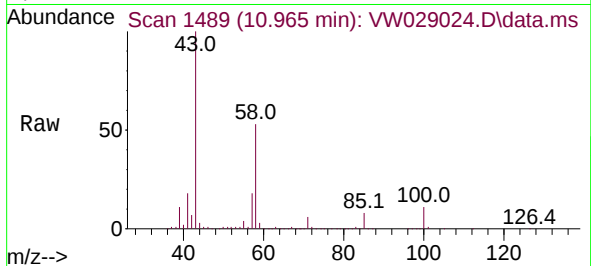




#48
2-Hexanone
Concen: 63.072 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029024.D
Acq: 06 Jun 2024 08:57

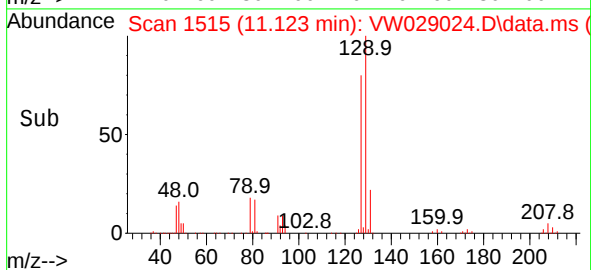
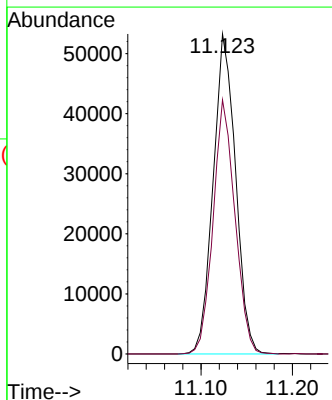
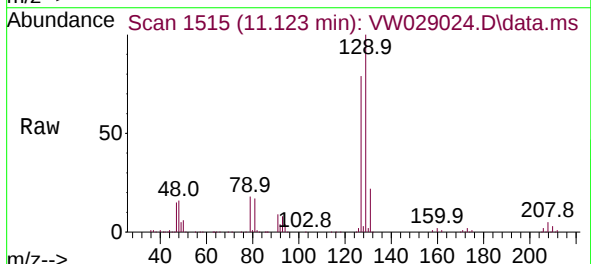
Instrument :
MSVOA_W
ClientSampleId :

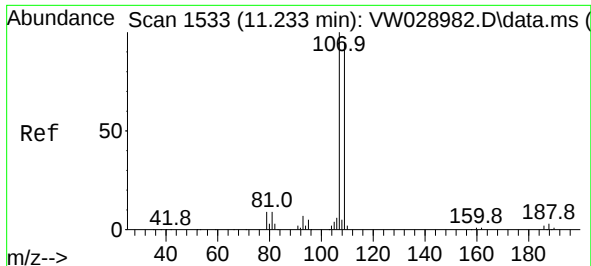
Tgt Ion: 43 Resp: 113742
Ion Ratio Lower Upper
43 100
58 53.2 41.4 62.0
57 18.2 14.2 21.4
100 11.1 9.1 13.7



#49
Dibromochloromethane
Concen: 26.947 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW029024.D
Acq: 06 Jun 2024 08:57

Tgt Ion:129 Resp: 90899
Ion Ratio Lower Upper
129 100
127 79.4 56.5 104.9





#50

1,2-Dibromoethane

Concen: 26.570 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

Instrument :

MSVOA_W

ClientSampleId :

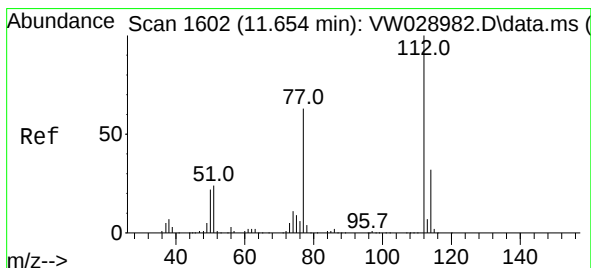
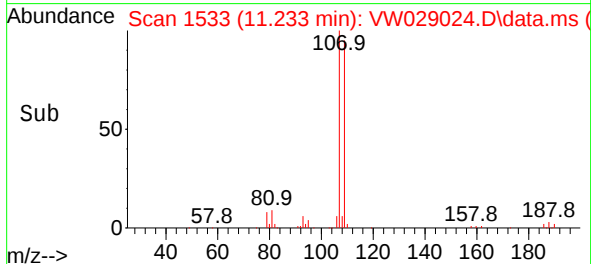
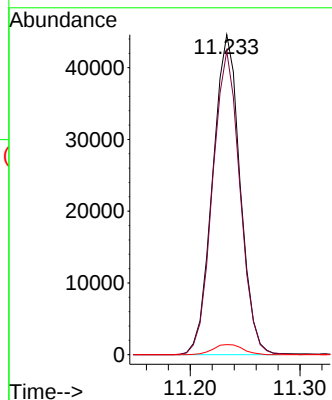
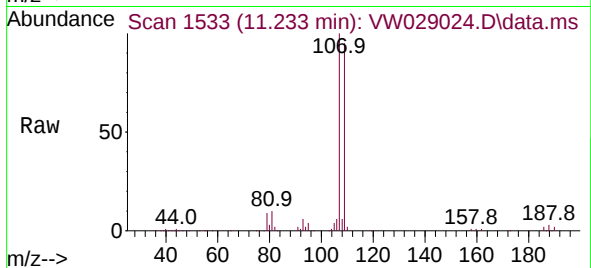
Tgt Ion:107 Resp: 77463

Ion Ratio Lower Upper

107 100

109 94.9 67.9 126.1

188 3.2 3.0 4.4



#51

Chlorobenzene

Concen: 26.376 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

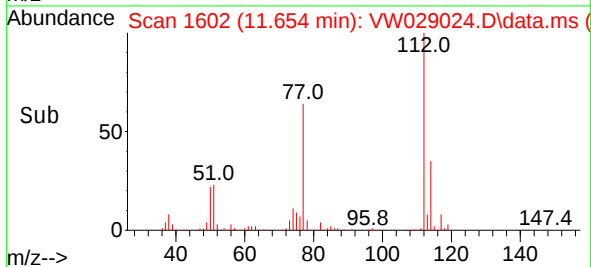
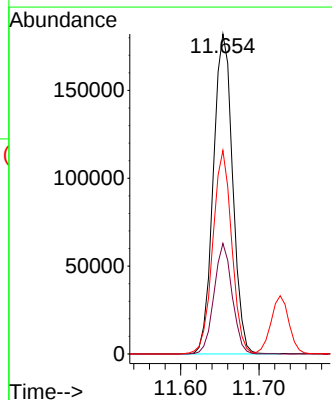
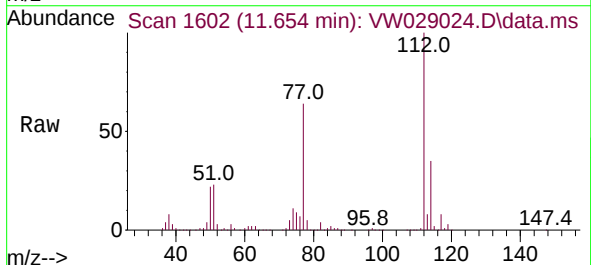
Tgt Ion:112 Resp: 312565

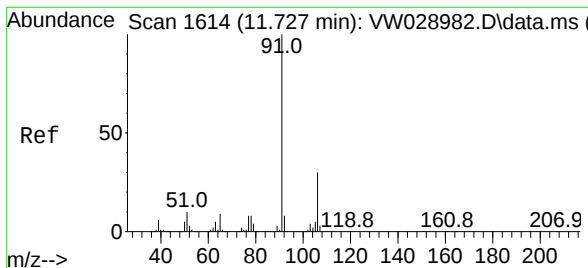
Ion Ratio Lower Upper

112 100

114 34.6 23.7 44.1

77 63.6 51.7 77.5

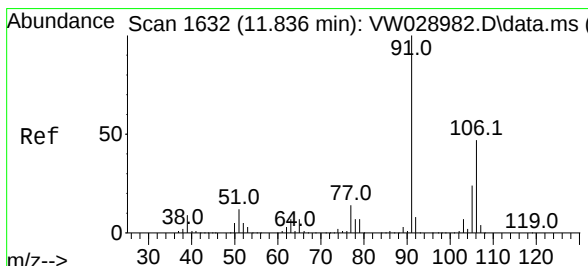
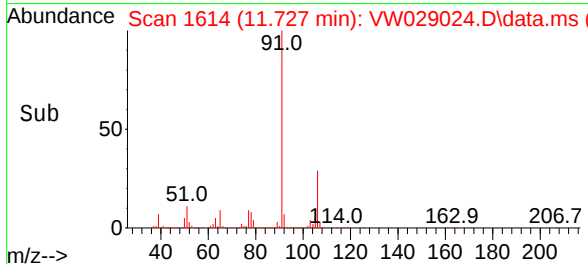
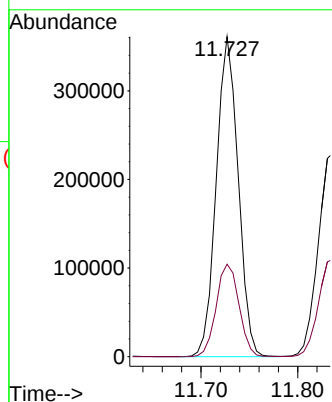
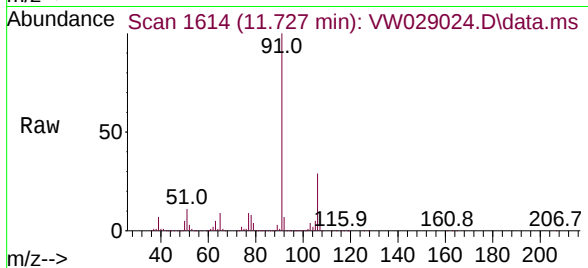




#52
Ethylbenzene
Concen: 27.067 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029024.D
Acq: 06 Jun 2024 08:57

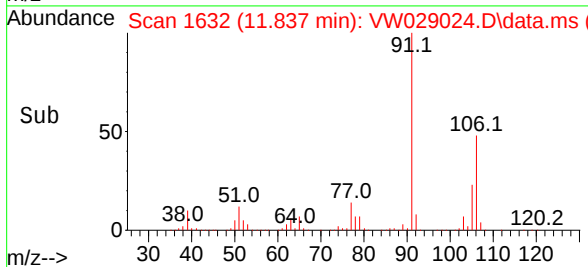
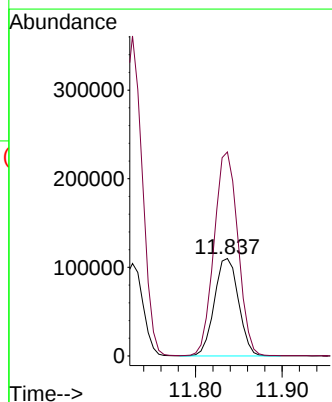
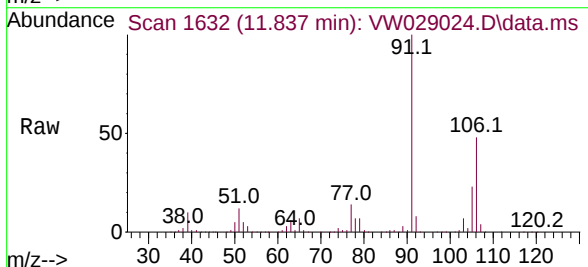
Instrument :
MSVOA_W
ClientSampleId :

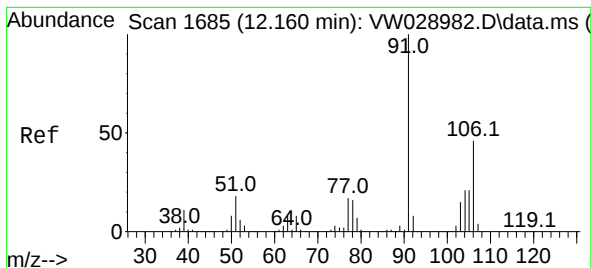
Tgt Ion: 91 Resp: 567326
Ion Ratio Lower Upper
91 100
106 28.9 19.9 37.0



#53
m,p-Xylene
Concen: 27.521 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029024.D
Acq: 06 Jun 2024 08:57

Tgt Ion: 106 Resp: 213655
Ion Ratio Lower Upper
106 100
91 209.4 152.0 282.2





#54

o-Xylene

Concen: 27.377 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

Instrument :

MSVOA_W

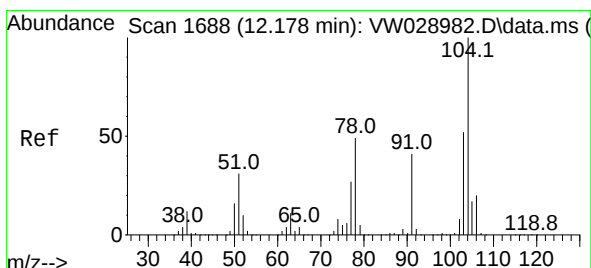
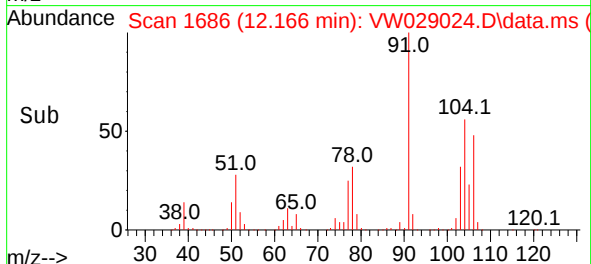
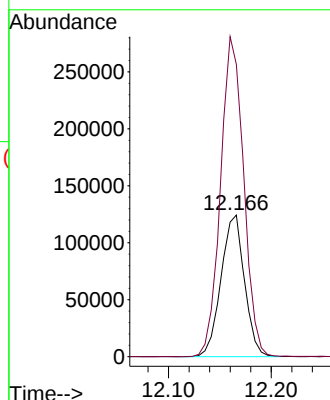
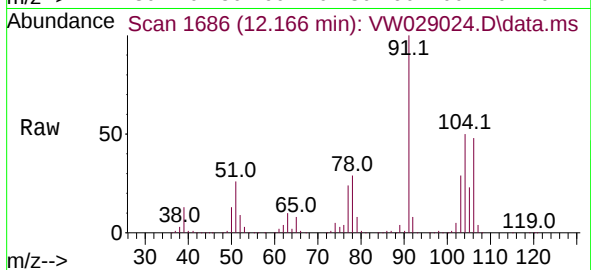
ClientSampleId :

Tgt Ion:106 Resp: 196800

Ion Ratio Lower Upper

106 100

91 206.6 152.5 283.3



#55

Styrene

Concen: 28.166 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029024.D

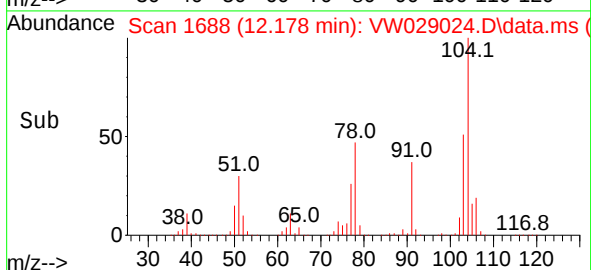
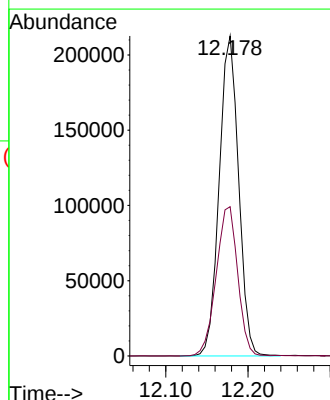
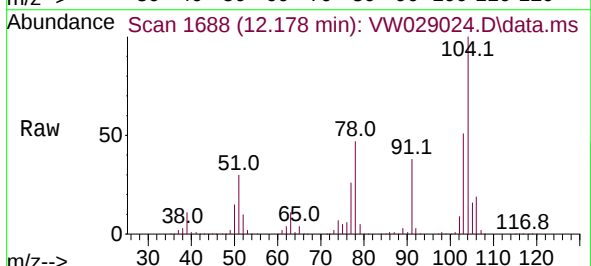
Acq: 06 Jun 2024 08:57

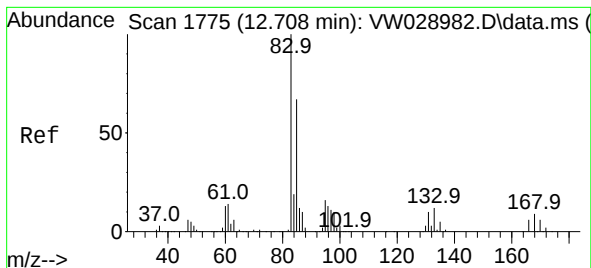
Tgt Ion:104 Resp: 349079

Ion Ratio Lower Upper

104 100

78 46.6 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 27.467 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029024.D

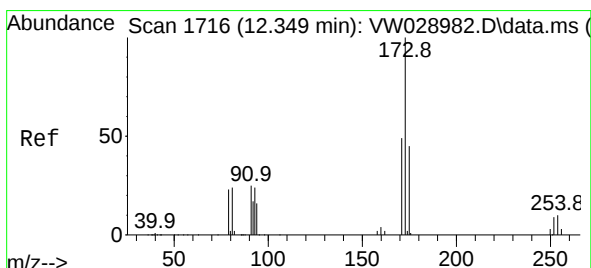
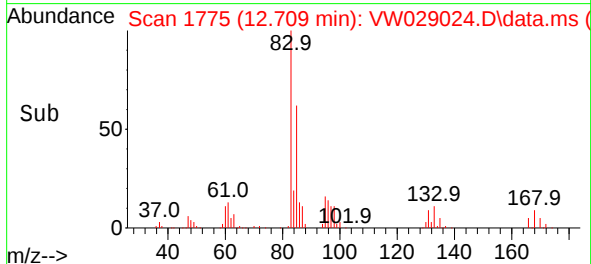
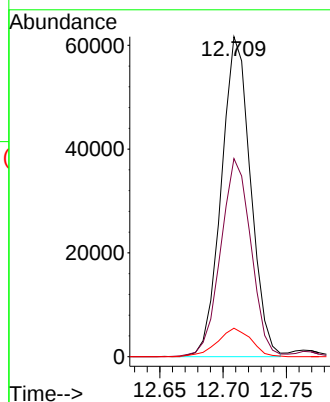
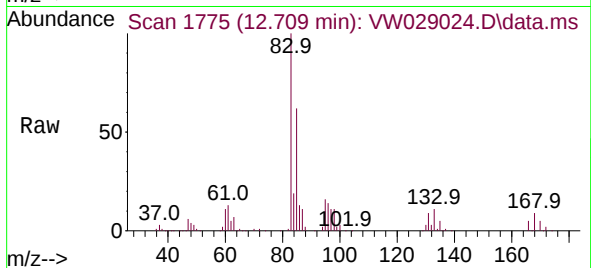
Acq: 06 Jun 2024 08:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	99027
Ion Ratio	Lower	Upper	
83	100		
85	61.9	43.8	81.3
131	8.9	7.3	10.9



#59

Bromoform

Concen: 24.408 ug/L

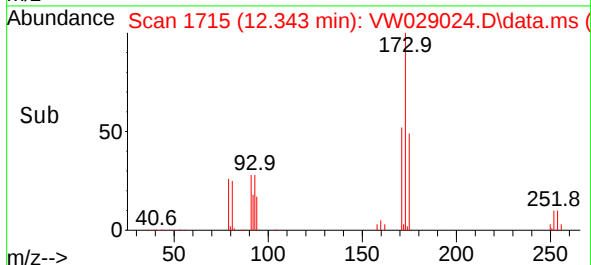
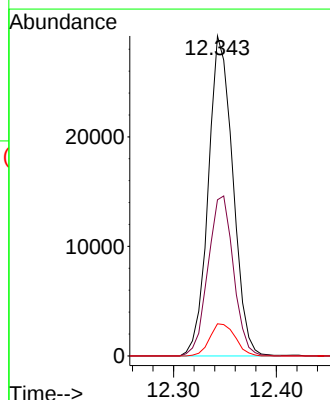
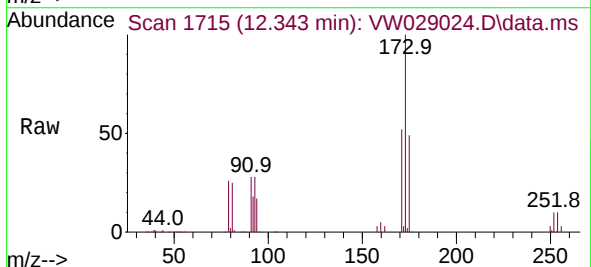
RT: 12.343 min Scan# 1715

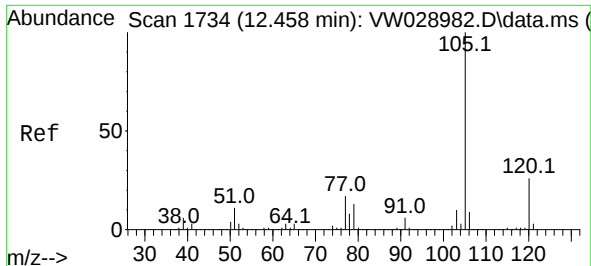
Delta R.T. -0.006 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

Tgt Ion:	173	Resp:	48464
Ion Ratio	Lower	Upper	
173	100		
175	51.8	38.1	57.1
254	10.4	8.2	12.2





#60

Isopropylbenzene

Concen: 25.302 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

Instrument :

MSVOA_W

ClientSampleId :

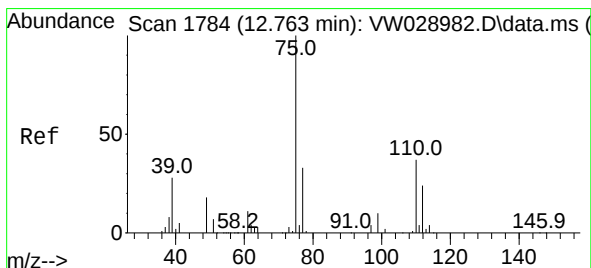
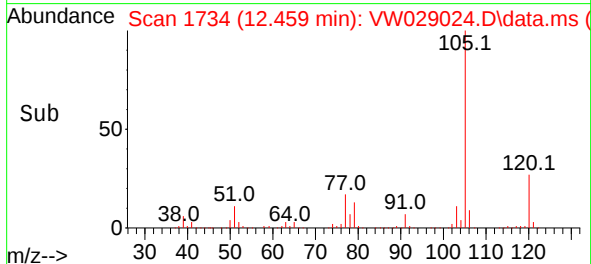
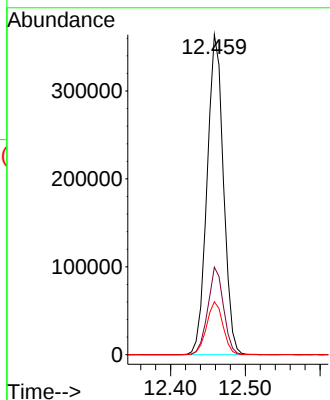
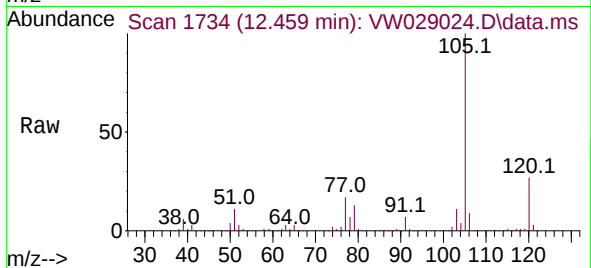
Tgt Ion:105 Resp: 552930

Ion Ratio Lower Upper

105 100

120 26.3 20.7 31.1

77 16.6 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 24.633 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

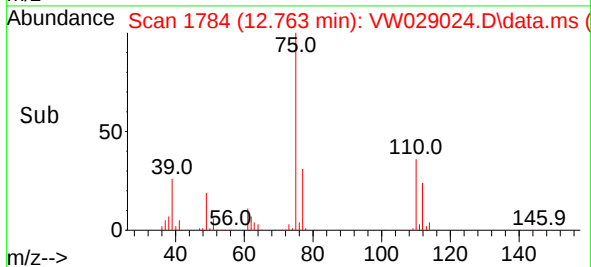
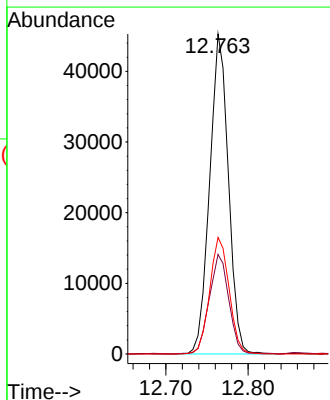
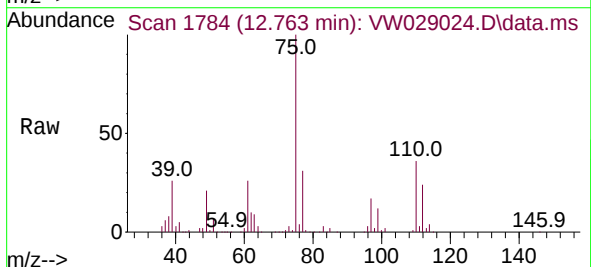
Tgt Ion: 75 Resp: 71748

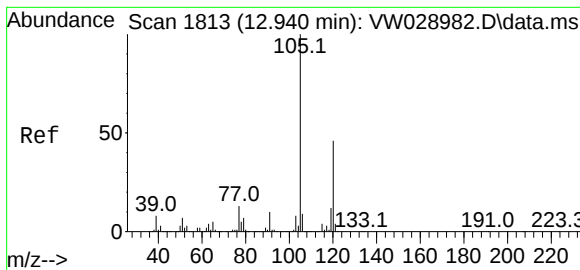
Ion Ratio Lower Upper

75 100

77 31.7 26.3 39.5

110 37.7 29.4 44.0

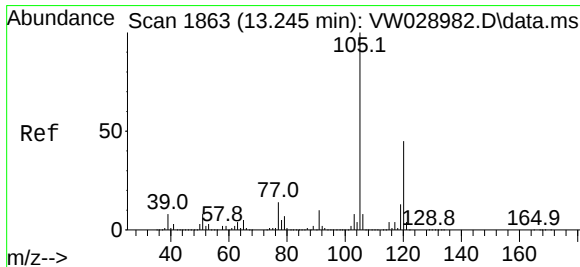
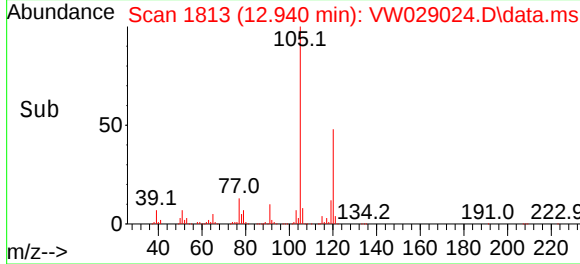
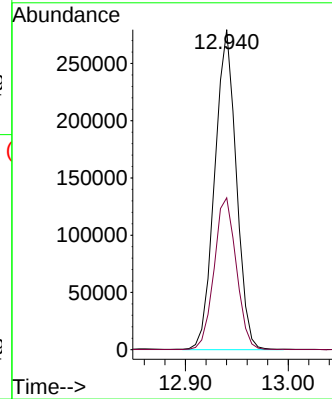
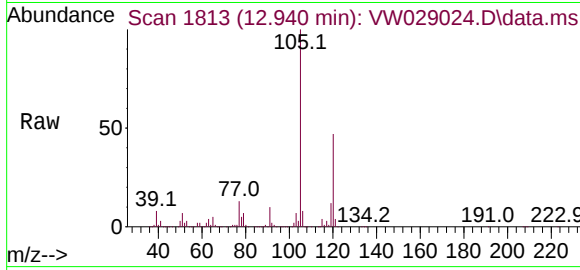




#62
1,3,5-Trimethylbenzene
Concen: 25.648 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW029024.D
Acq: 06 Jun 2024 08:57

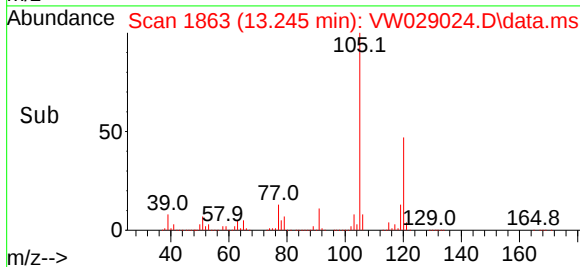
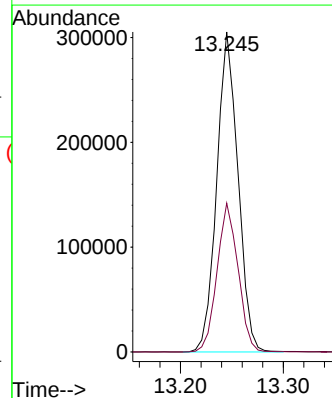
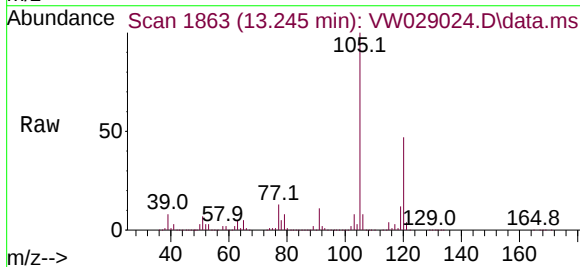
Instrument :
MSVOA_W
ClientSampleId :

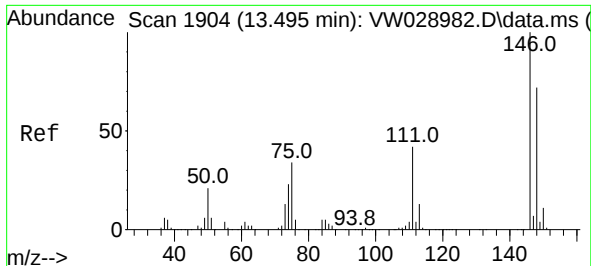
Tgt Ion:105 Resp: 407663
Ion Ratio Lower Upper
105 100
120 48.8 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 26.004 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029024.D
Acq: 06 Jun 2024 08:57

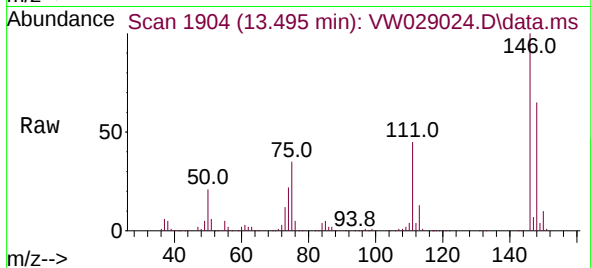
Tgt Ion:105 Resp: 436809
Ion Ratio Lower Upper
105 100
120 46.1 35.8 53.8



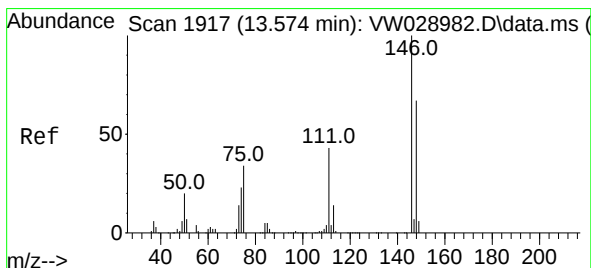
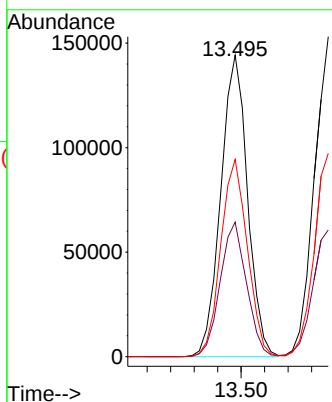
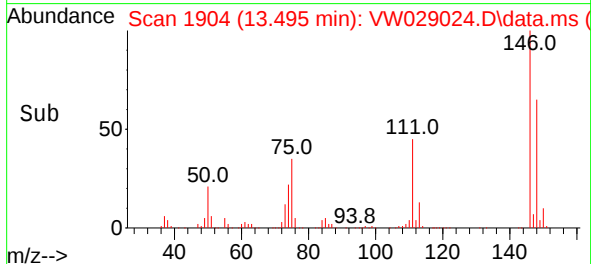


#64
1,3-Dichlorobenzene
Concen: 24.272 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029024.D
Acq: 06 Jun 2024 08:57

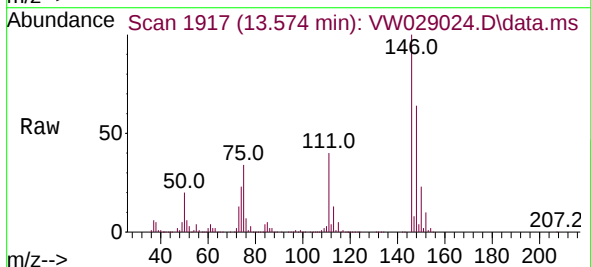
Instrument :
MSVOA_W
ClientSampleId :



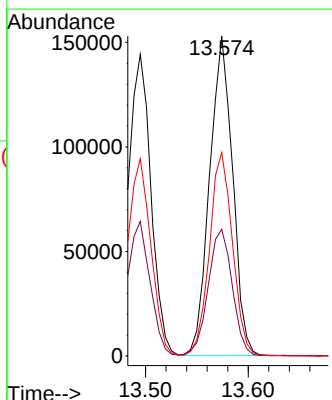
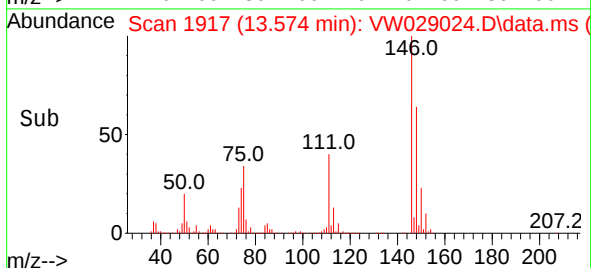
Tgt Ion:146 Resp: 227946
Ion Ratio Lower Upper
146 100
111 44.6 29.4 54.6
148 65.4 42.5 78.9

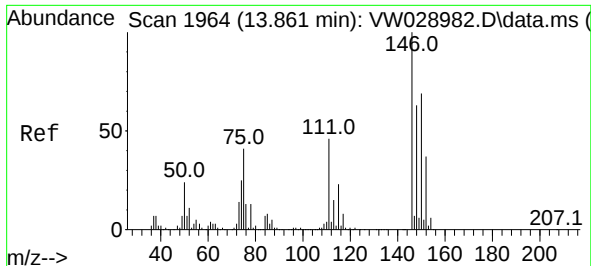


#65
1,4-Dichlorobenzene
Concen: 24.229 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029024.D
Acq: 06 Jun 2024 08:57



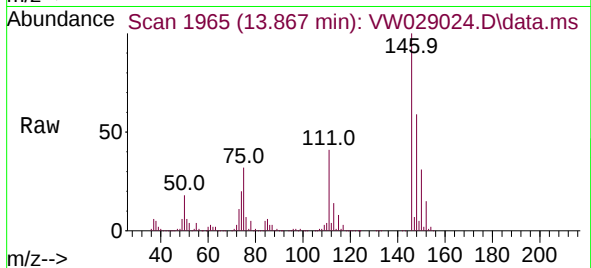
Tgt Ion:146 Resp: 237644
Ion Ratio Lower Upper
146 100
111 39.6 27.5 51.1
148 63.5 39.5 73.3



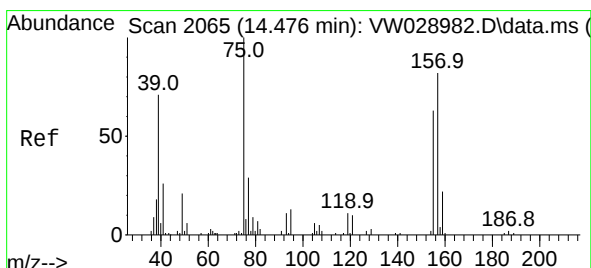
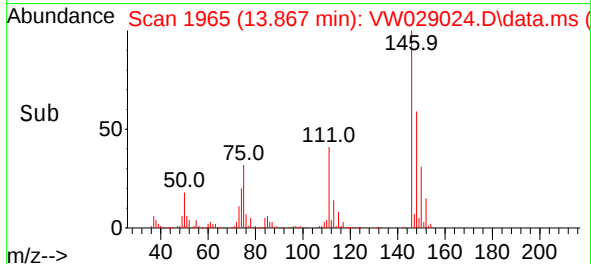
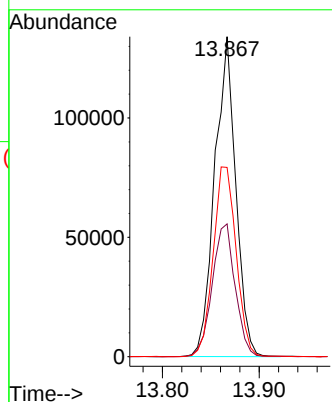


#67
1,2-Dichlorobenzene
Concen: 24.086 ug/L
RT: 13.867 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VW029024.D
Acq: 06 Jun 2024 08:57

Instrument :
MSVOA_W
ClientSampleId :

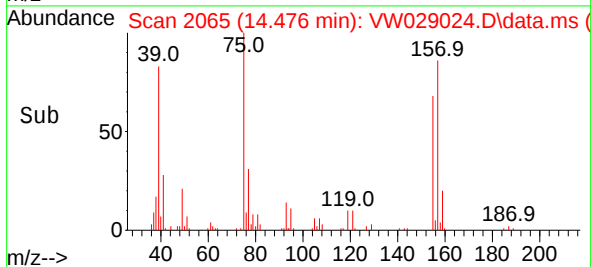
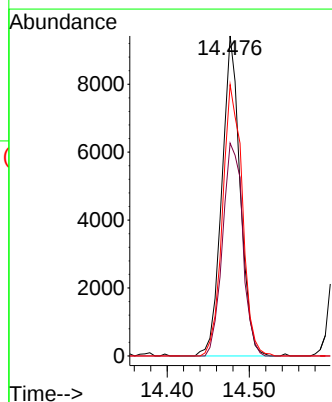
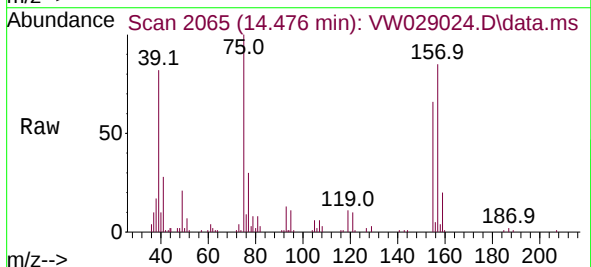


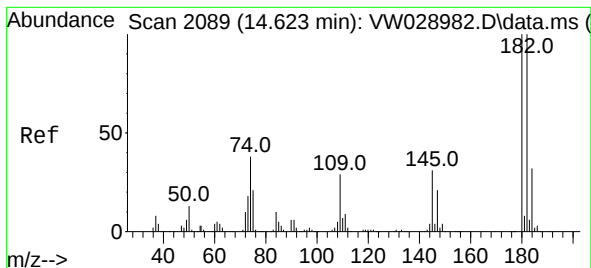
Tgt Ion:146 Resp: 202733
Ion Ratio Lower Upper
146 100
111 41.5 32.8 49.2
148 59.2 48.2 72.4



#68
1,2-Dibromo-3-chloropropane
Concen: 23.585 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029024.D
Acq: 06 Jun 2024 08:57

Tgt Ion: 75 Resp: 14642
Ion Ratio Lower Upper
75 100
155 66.5 52.3 78.5
157 84.8 71.0 106.4





#69

1,3,5-Trichlorobenzene

Concen: 23.851 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

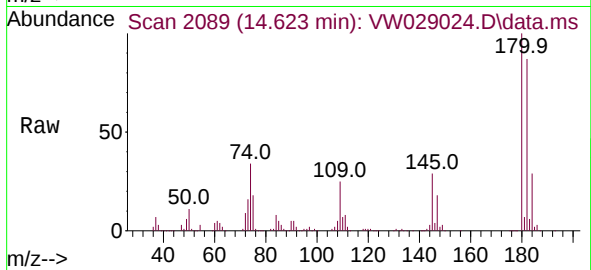
Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 153792

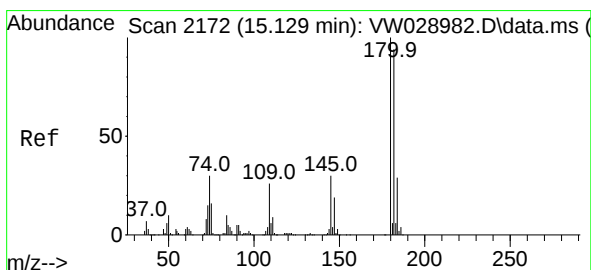
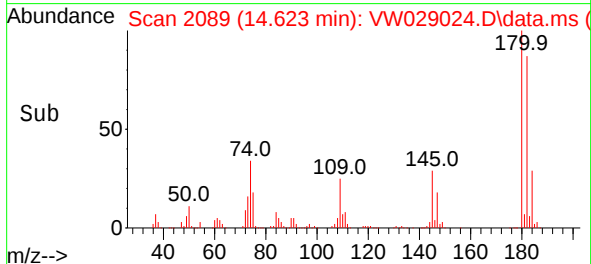
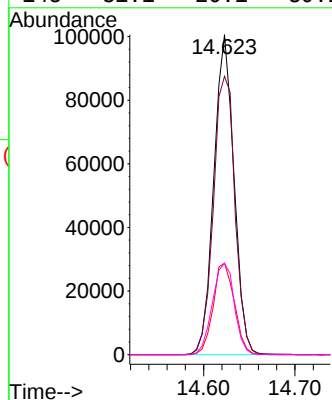
Ion Ratio Lower Upper

180 100

182 93.5 77.4 116.0

184 30.1 24.6 36.8

145 31.1 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 23.109 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW029024.D

Acq: 06 Jun 2024 08:57

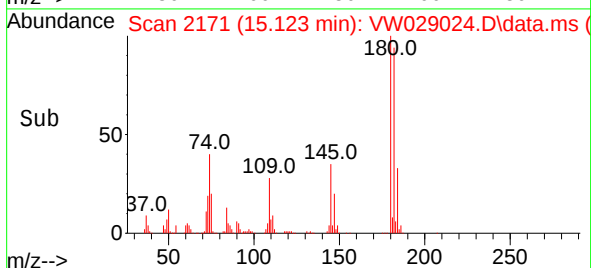
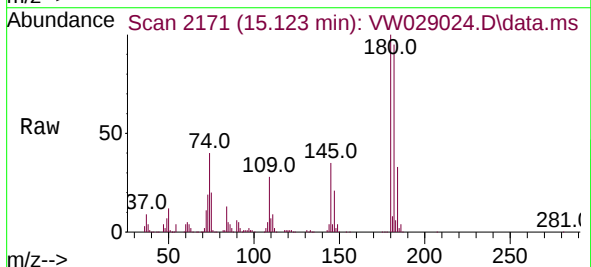
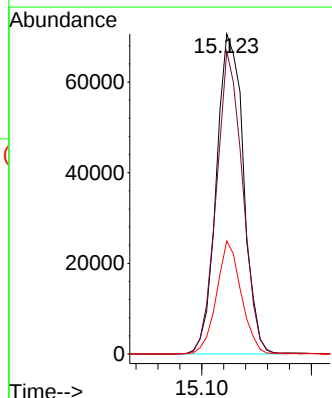
Tgt Ion:180 Resp: 120769

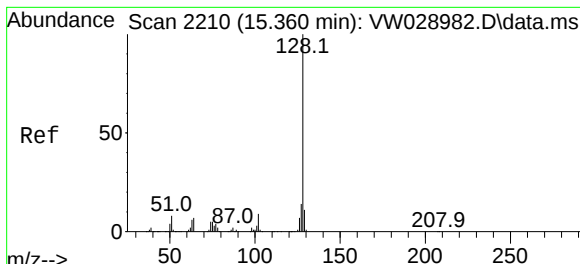
Ion Ratio Lower Upper

180 100

182 91.7 75.3 112.9

145 32.3 26.2 39.2



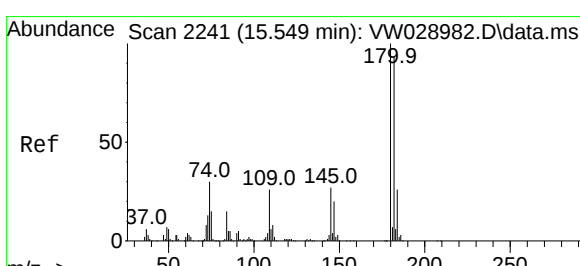
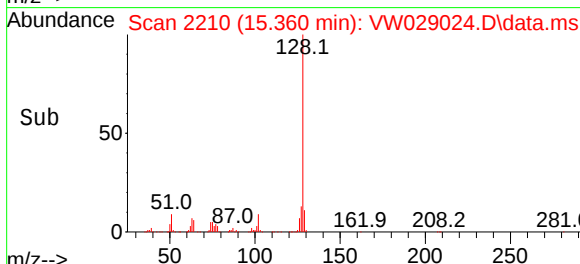
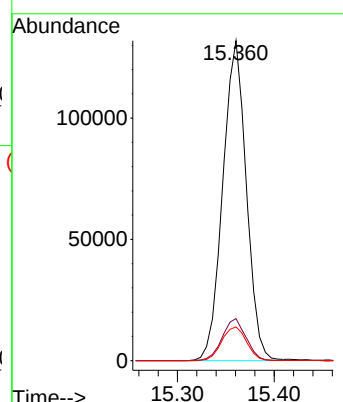
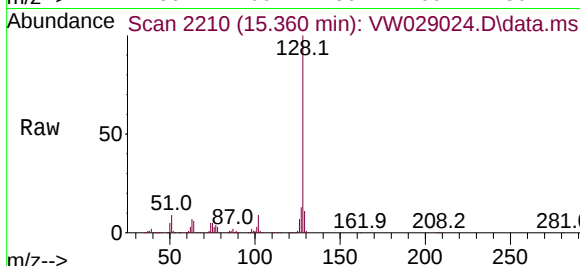


#71
Naphthalene
Concen: 24.991 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW029024.D
Acq: 06 Jun 2024 08:57

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 222526

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	11.1	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 24.651 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW029024.D
Acq: 06 Jun 2024 08:57

Tgt Ion:180 Resp: 110066

Ion	Ratio	Lower	Upper
180	100		
182	92.3	75.4	113.0
145	33.6	26.6	39.8

