

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061224\
 Data File : VW029099.D
 Acq On : 12 Jun 2024 09:15
 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 13 00:44:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 12 00:20:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	308411	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	295148	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	150867	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	95891	19.572	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.280%
7) Chloroethane-d5	2.899	69	78369	20.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.320%
11) 1,1-Dichloroethene-d2	4.021	65	44459	20.645	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.600%
21) 2-Butanone-d5	7.075	46	55172	55.114	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.220%
24) Chloroform-d	7.648	84	209220	23.779	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.120%
26) 1,2-Dichloroethane-d4	8.307	65	109659	23.673	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.680%
32) Benzene-d6	8.276	84	395453	21.830	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.320%
36) 1,2-Dichloropropane-d6	9.270	67	125902	22.922	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.680%
41) Toluene-d8	10.325	98	354362	21.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.680%
43) trans-1,3-Dichloroprop...	10.575	79	47387	22.452	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.800%
47) 2-Hexanone-d5	10.922	63	37738	52.065	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.140%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	94168	24.679	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	114732	21.431	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.720%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.015	85	75545	21.451	ug/L 91
3) Chloromethane	2.222	50	99699	23.172	ug/L 100
5) Vinyl chloride	2.375	62	125204	24.040	ug/L 98
6) Bromomethane	2.789	94	75007	24.037	ug/L 97
8) Chloroethane	2.936	64	78289	24.891	ug/L 98
9) Trichlorofluoromethane	3.265	101	116258	26.854	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	110505	25.869	ug/L # 71
12) 1,1-Dichloroethene	4.045	96	105102	26.960	ug/L 85
13) Acetone	4.118	43	72515	69.124	ug/L 98
14) Carbon disulfide	4.393	76	334842	25.370	ug/L 100
15) Methyl Acetate	4.673	43	51359	29.477	ug/L 100
16) Methylene chloride	4.923	84	122153	26.390	ug/L 95
17) trans-1,2-Dichloroethene	5.435	96	113952	26.810	ug/L 97
18) Methyl tert-butyl Ether	5.429	73	166953	28.168	ug/L 100
19) 1,1-Dichloroethane	6.216	63	230104	27.536	ug/L 98
20) cis-1,2-Dichloroethene	7.173	96	123790	27.780	ug/L 96
22) 2-Butanone	7.167	43	82066	64.920	ug/L 99
23) Bromochloromethane	7.514	128	52654	27.070	ug/L 94
25) Chloroform	7.679	83	225988	27.844	ug/L 97

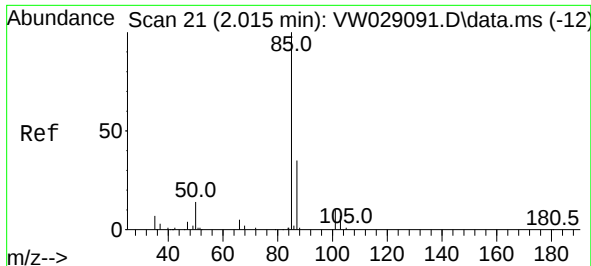
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 Response via : Initial Calibration

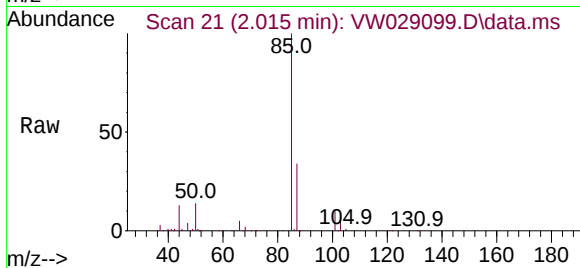
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	151165	27.793	ug/L	100
29) Cyclohexane	7.959	56	201403	27.445	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	178360	26.081	ug/L	99
31) Carbon tetrachloride	8.075	117	162043	26.014	ug/L	99
33) Benzene	8.325	78	495142	26.980	ug/L	100
34) Trichloroethene	9.093	95	128699	26.674	ug/L	99
35) Methylcyclohexane	9.337	83	224582	27.439	ug/L	99
37) 1,2-Dichloropropane	9.368	63	132278	27.524	ug/L	100
38) Bromodichloromethane	9.642	83	156209	26.651	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	190795	27.318	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	146494	59.929	ug/L	99
42) Toluene	10.386	91	521749	27.830	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	156151	27.732	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	87628	26.998	ug/L	98
46) Tetrachloroethene	10.861	164	96649	26.366	ug/L	88
48) 2-Hexanone	10.965	43	115213	62.864	ug/L	98
49) Dibromochloromethane	11.123	129	95428	27.836	ug/L	93
50) 1,2-Dibromoethane	11.233	107	81114	27.376	ug/L	94
51) Chlorobenzene	11.654	112	321871	26.726	ug/L	94
52) Ethylbenzene	11.727	91	594825	27.924	ug/L	98
53) m,p-Xylene	11.837	106	217614	27.581	ug/L	87
54) o-Xylene	12.160	106	206406	28.253	ug/L	97
55) Styrene	12.178	104	357285	28.367	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	102789	28.053	ug/L	96
59) Bromoform	12.349	173	52718	27.175	ug/L	100
60) Isopropylbenzene	12.458	105	582112	27.264	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	76394	26.845	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	436350	28.099	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	464420	28.298	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	241148	26.282	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	235388	24.563	ug/L	90
67) 1,2-Dichlorobenzene	13.861	146	218880	26.616	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	15525	25.595	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.623	180	170615	27.082	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	131713	25.796	ug/L	99
71) Naphthalene	15.360	128	241884	27.804	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	120006	27.509	ug/L	95

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

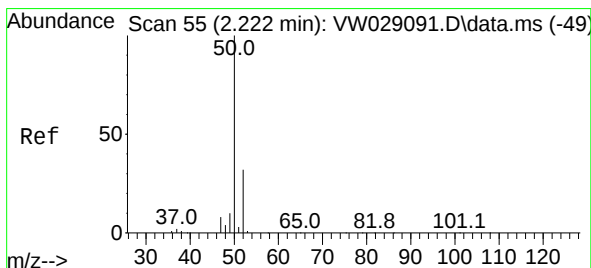
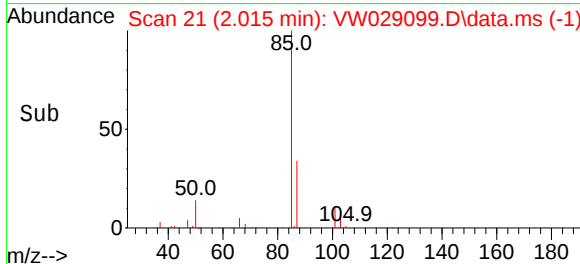
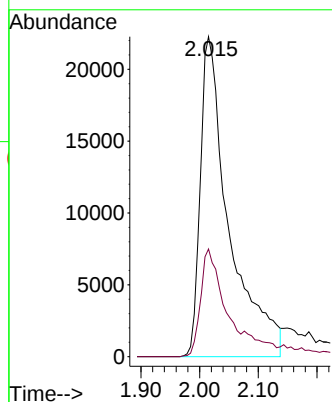


#2
 Dichlorodifluoromethane
 Concen: 21.451 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029099.D
 Acq: 12 Jun 2024 09:15

Instrument :
 MSVOA_W
 ClientSampleId :

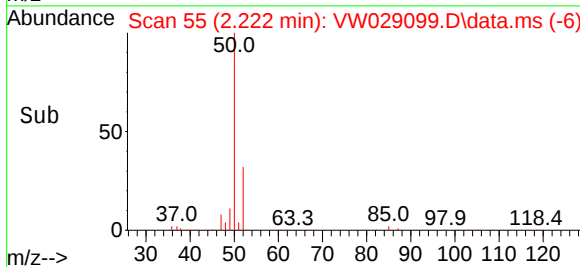
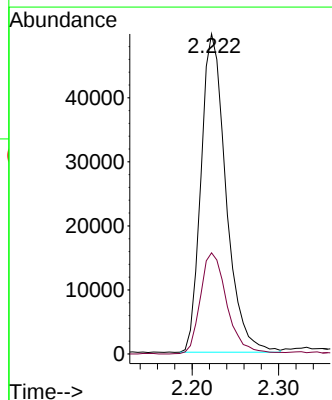
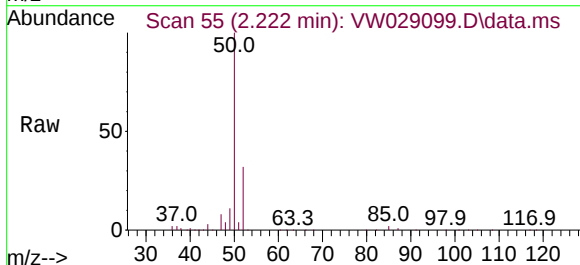


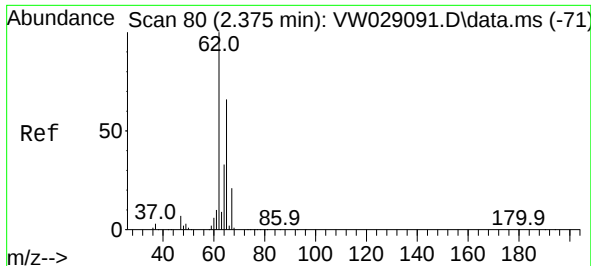
Tgt Ion: 85 Resp: 75545
 Ion Ratio Lower Upper
 85 100
 87 26.8 25.3 37.9



#3
 Chloromethane
 Concen: 23.172 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW029099.D
 Acq: 12 Jun 2024 09:15

Tgt Ion: 50 Resp: 99699
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.1 41.1





#5

Vinyl chloride

Concen: 24.040 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Instrument :

MSVOA_W

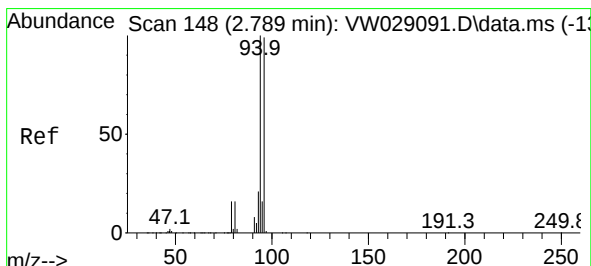
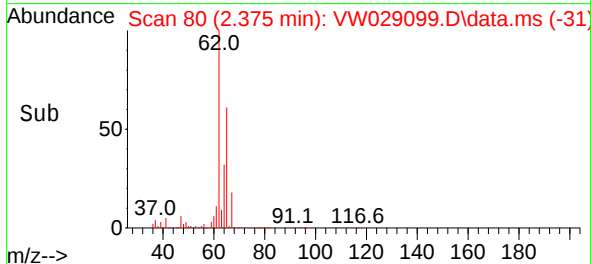
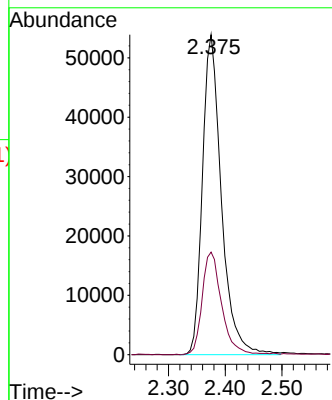
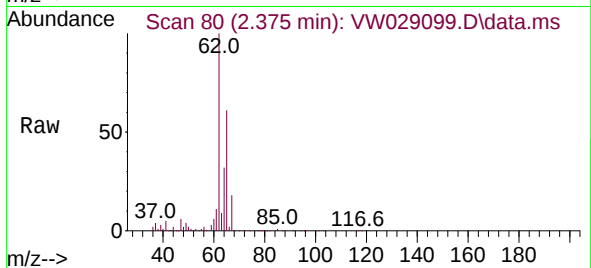
ClientSampleId :

Tgt Ion: 62 Resp: 125204

Ion Ratio Lower Upper

62 100

64 32.1 23.4 43.4



#6

Bromomethane

Concen: 24.037 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW029099.D

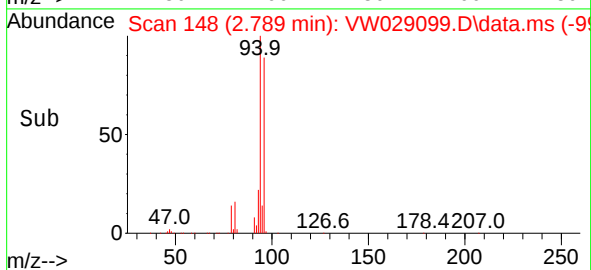
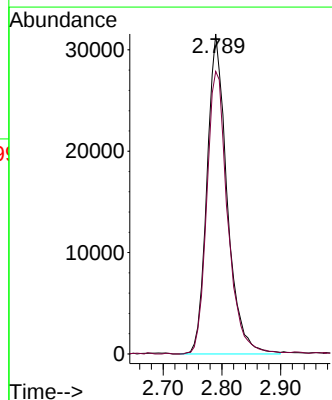
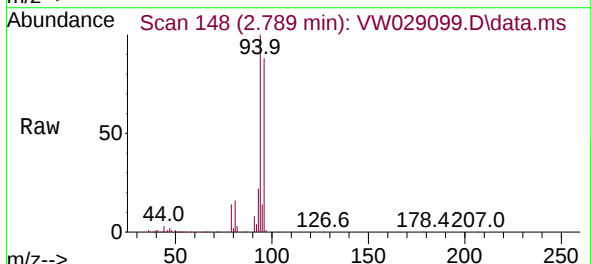
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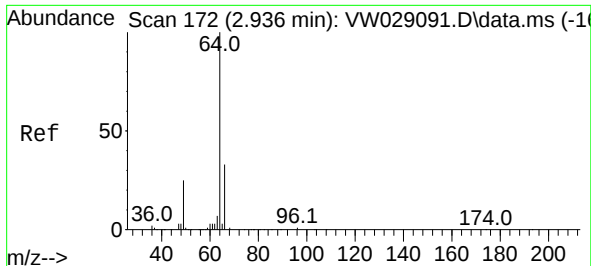
Tgt Ion: 94 Resp: 75007

Ion Ratio Lower Upper

94 100

96 88.3 63.7 118.3

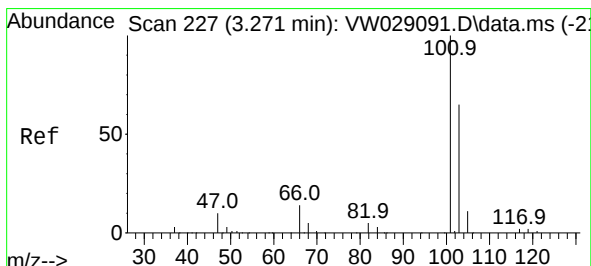
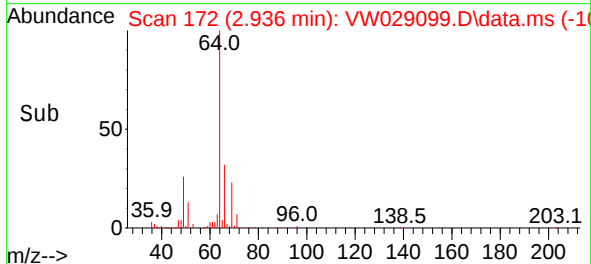
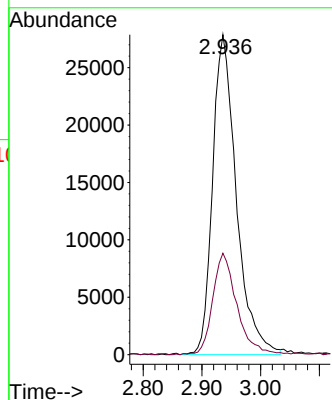
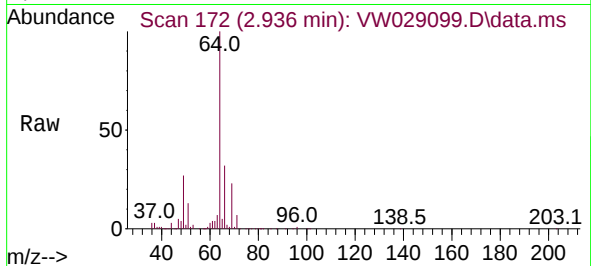




#8
Chloroethane
Concen: 24.891 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029099.D
Acq: 12 Jun 2024 09:15

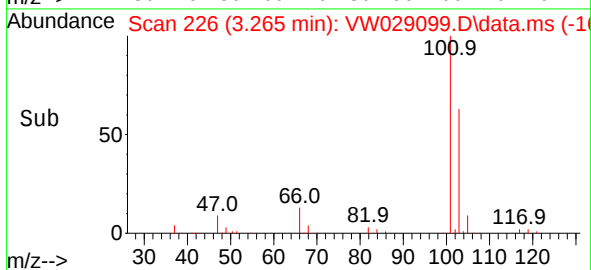
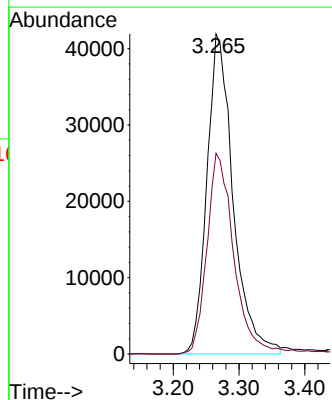
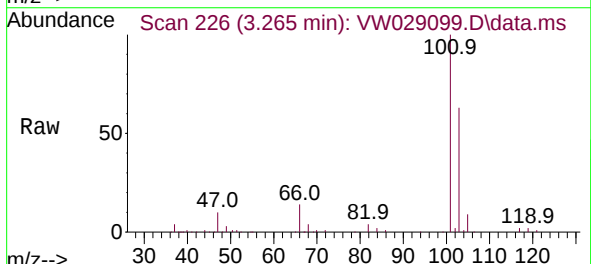
Instrument :
MSVOA_W
ClientSampleId :

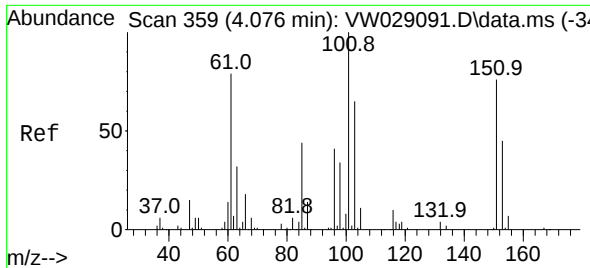
Tgt Ion: 64 Resp: 78289
Ion Ratio Lower Upper
64 100
66 31.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 26.854 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029099.D
Acq: 12 Jun 2024 09:15

Tgt Ion:101 Resp: 116258
Ion Ratio Lower Upper
101 100
103 63.3 51.3 76.9





#10

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

Concen: 25.869 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Instrument :

MSVOA_W

ClientSampleId :

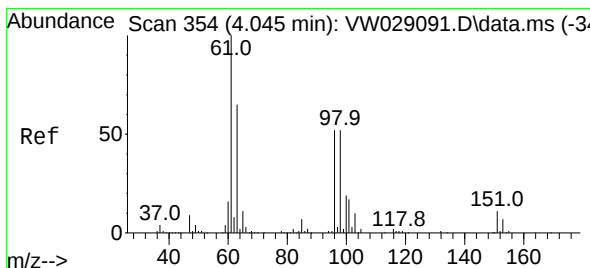
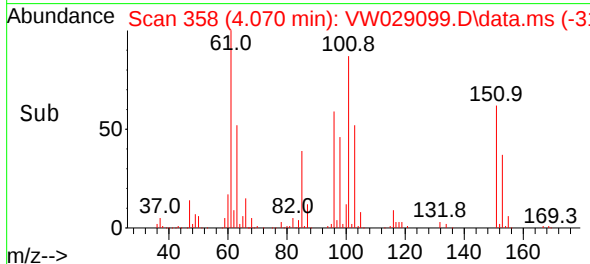
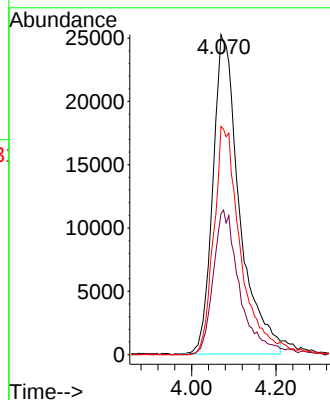
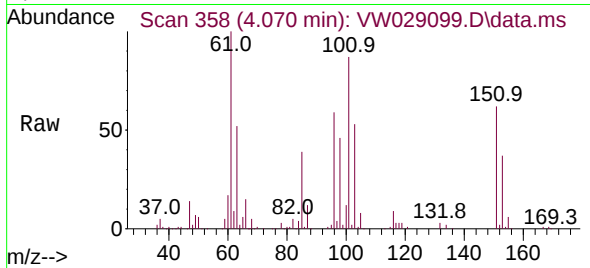
Tgt Ion:101 Resp: 110505

Ion Ratio Lower Upper

101 100

85 43.8 35.8 53.8

151 34.8 58.5 87.7#



#12

1,1-Dichloroethene

Concen: 26.960 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

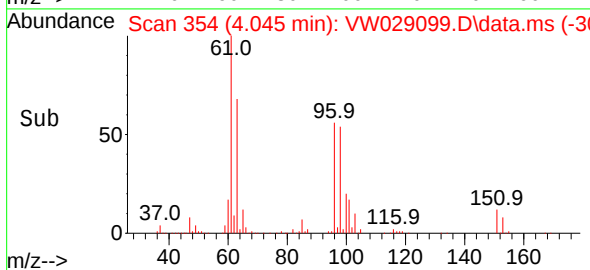
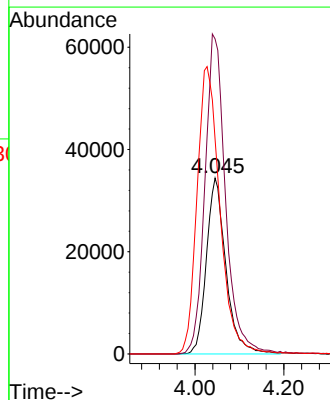
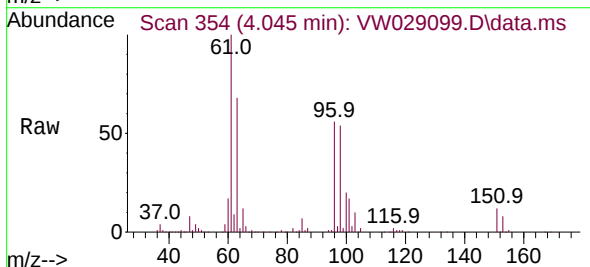
Tgt Ion: 96 Resp: 105102

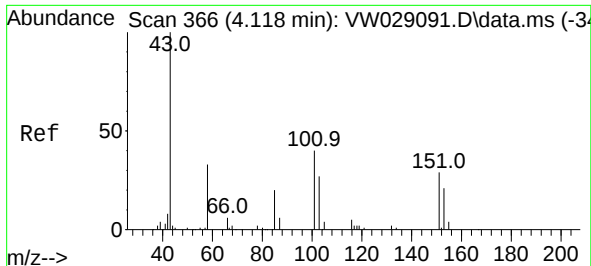
Ion Ratio Lower Upper

96 100

61 179.1 132.2 245.4

63 122.1 108.4 201.2





#13

Acetone

Concen: 69.124 ug/L

RT: 4.118 min Scan# 366

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Instrument :

MSVOA_W

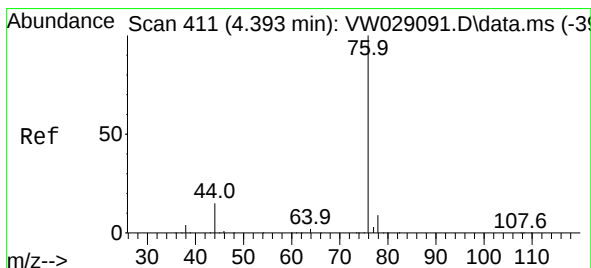
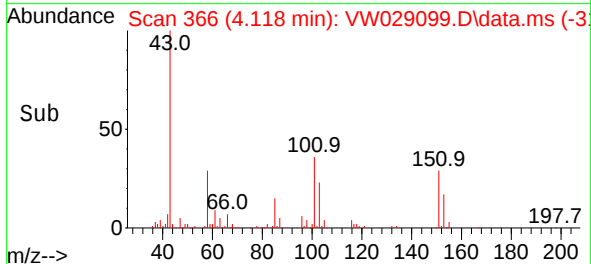
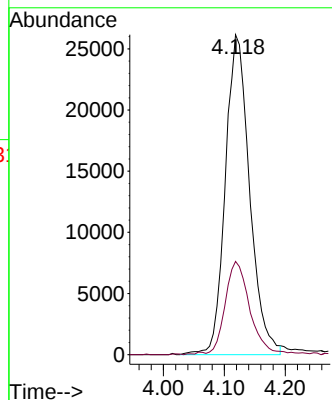
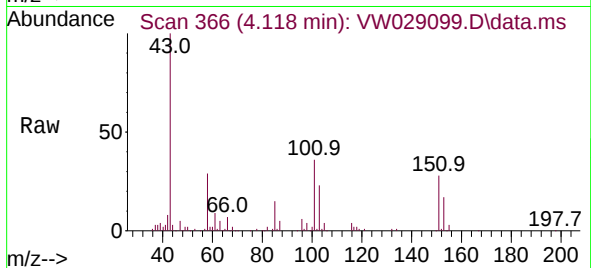
ClientSampleId :

Tgt Ion: 43 Resp: 72515

Ion Ratio Lower Upper

43 100

58 28.5 0.0 59.4



#14

Carbon disulfide

Concen: 25.370 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW029099.D

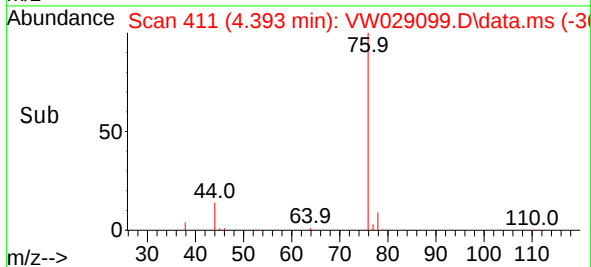
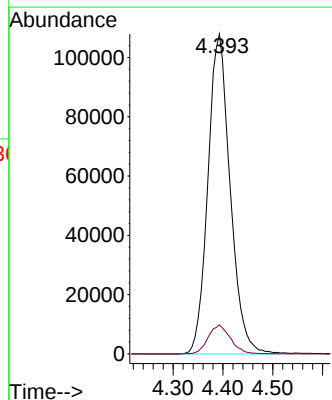
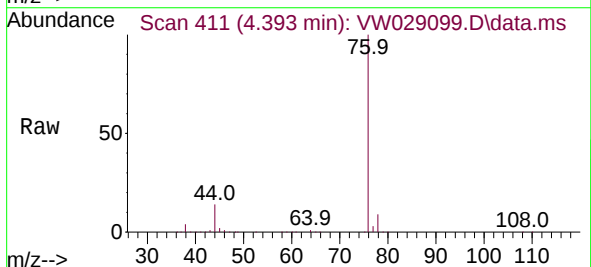
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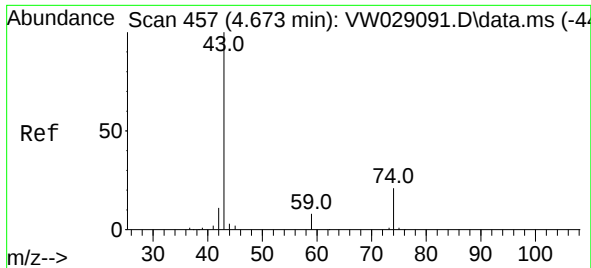
Tgt Ion: 76 Resp: 334842

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

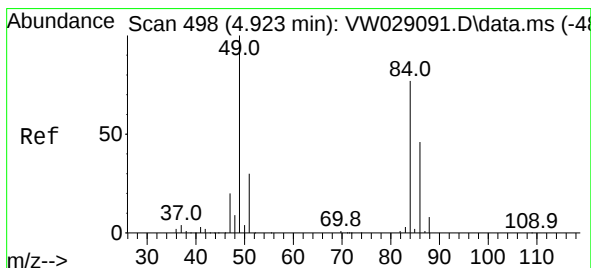
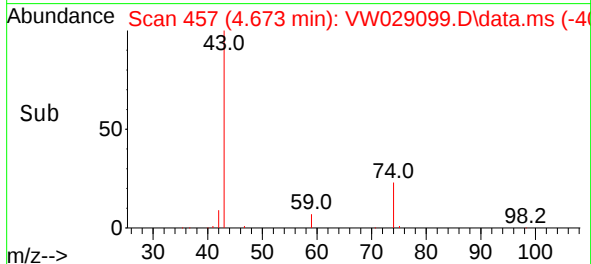
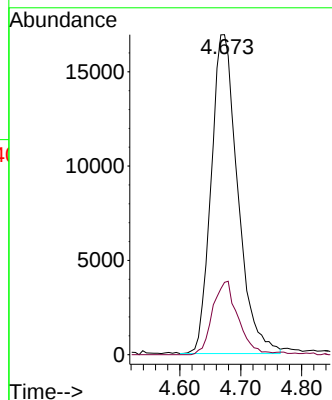
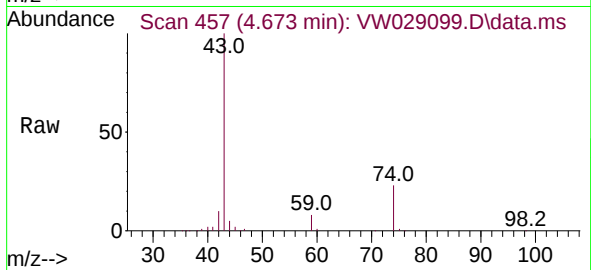




#15
Methyl Acetate
Concen: 29.477 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW029099.D
Acq: 12 Jun 2024 09:15

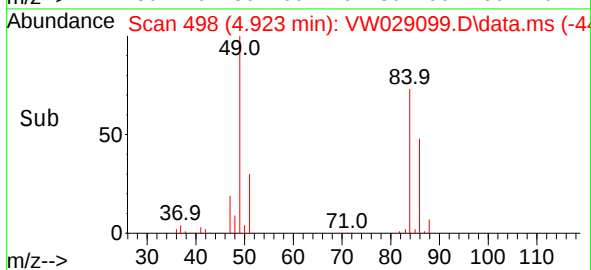
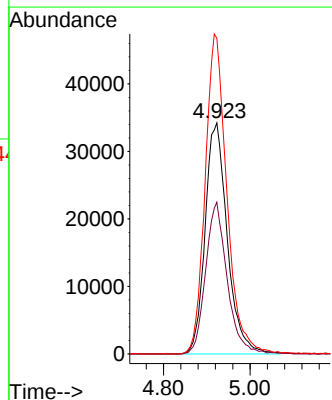
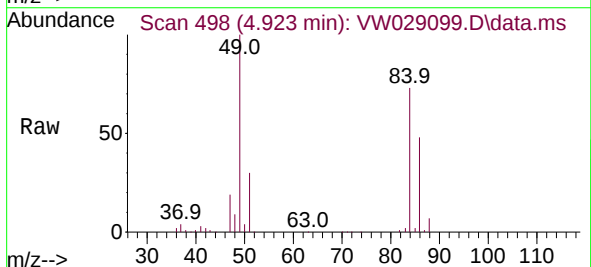
Instrument :
MSVOA_W
ClientSampleId :

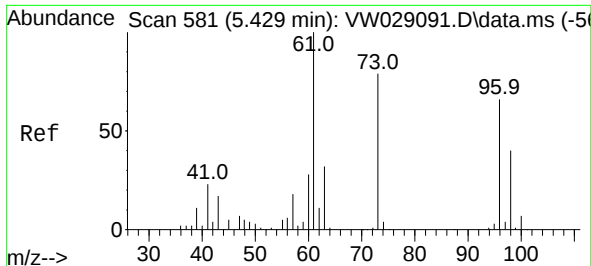
Tgt Ion: 43 Resp: 51359
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.2



#16
Methylene chloride
Concen: 26.390 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW029099.D
Acq: 12 Jun 2024 09:15

Tgt Ion: 84 Resp: 122153
Ion Ratio Lower Upper
84 100
86 65.7 43.8 81.4
49 136.6 91.3 169.5





#17

trans-1,2-Dichloroethene

Concen: 26.810 ug/L

RT: 5.435 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Instrument :

MSVOA_W

ClientSampleId :

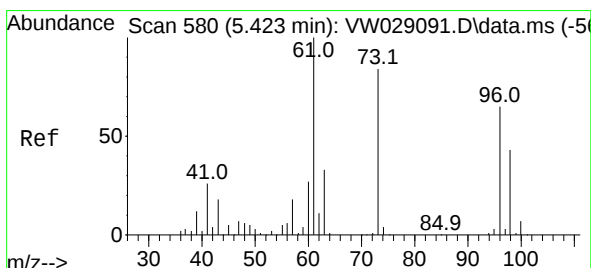
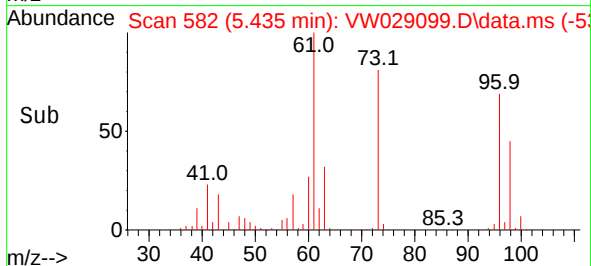
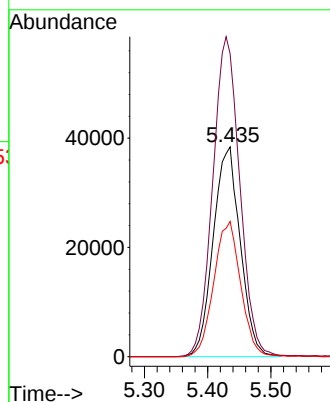
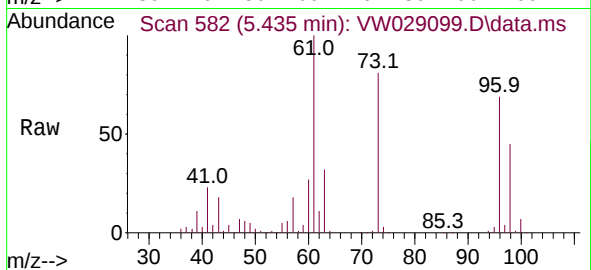
Tgt Ion: 96 Resp: 113952

Ion Ratio Lower Upper

96 100

61 144.4 104.6 194.2

98 64.5 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 28.168 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

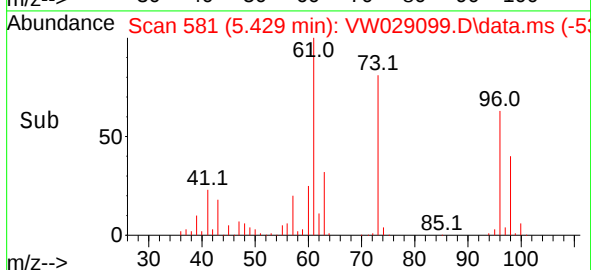
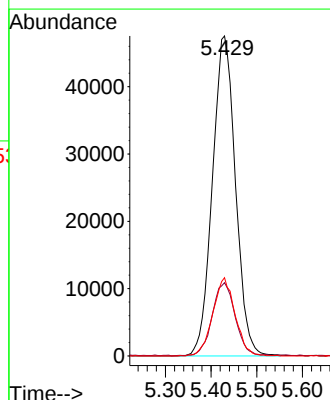
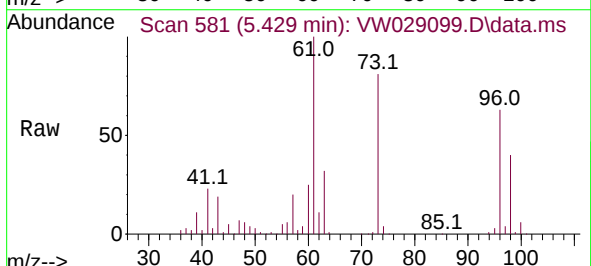
Tgt Ion: 73 Resp: 166953

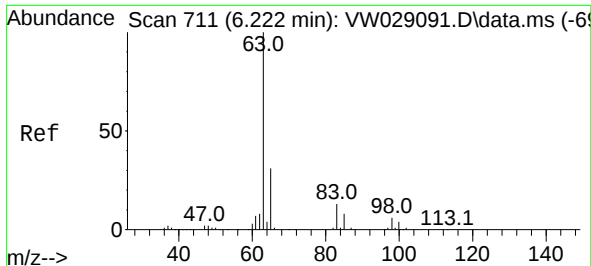
Ion Ratio Lower Upper

73 100

43 22.4 17.8 26.6

57 23.3 18.4 27.6





#19

1,1-Dichloroethane

Concen: 27.536 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Instrument :

MSVOA_W

ClientSampleId :

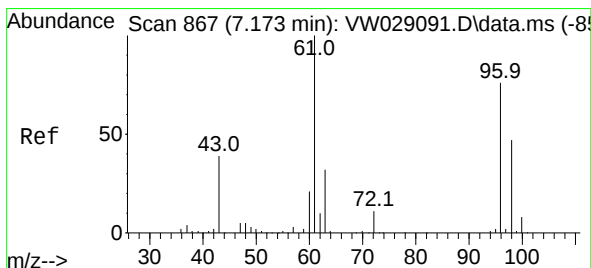
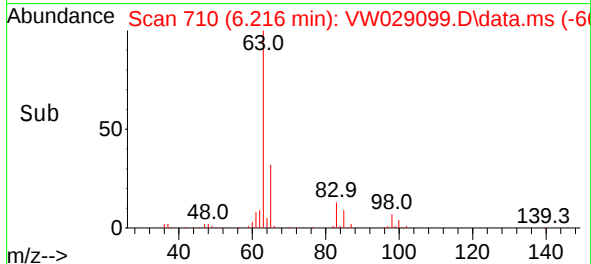
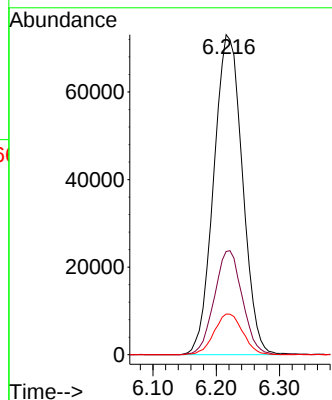
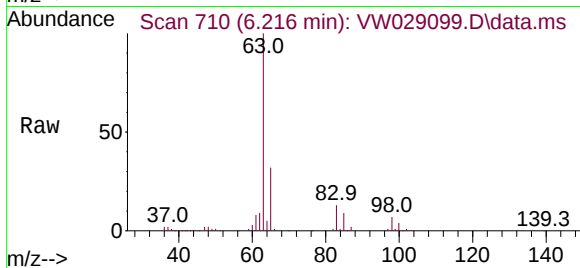
Tgt Ion: 63 Resp: 230104

Ion Ratio Lower Upper

63 100

65 32.3 21.8 40.6

83 12.7 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 27.780 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

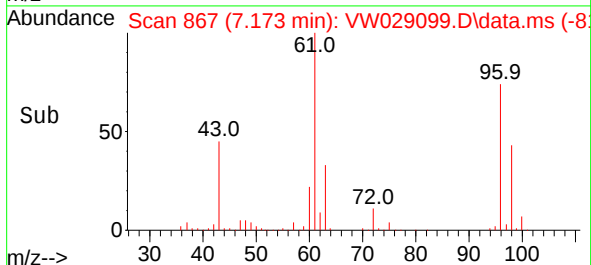
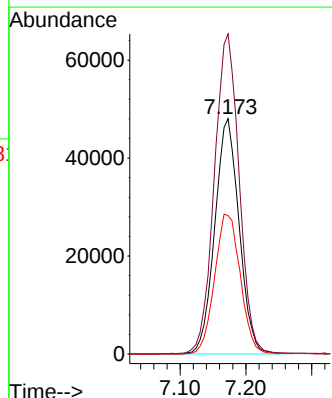
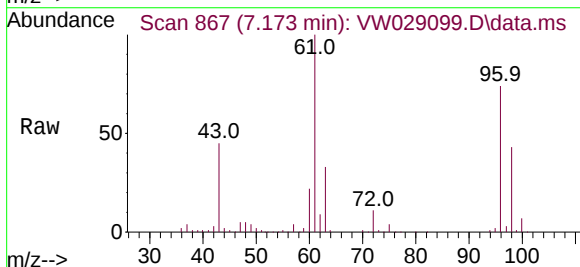
Tgt Ion: 96 Resp: 123790

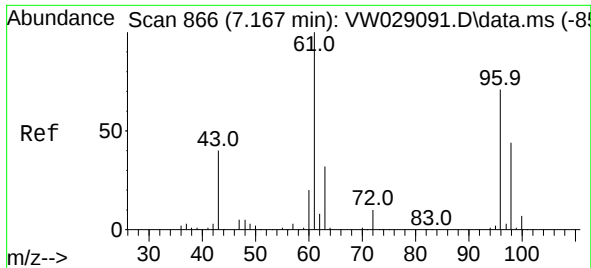
Ion Ratio Lower Upper

96 100

61 135.9 92.9 172.5

98 58.8 45.2 84.0

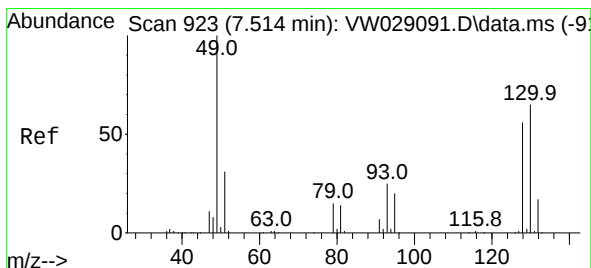
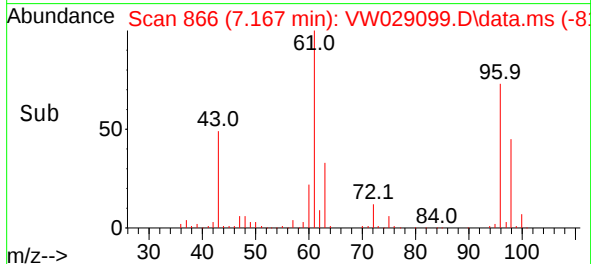
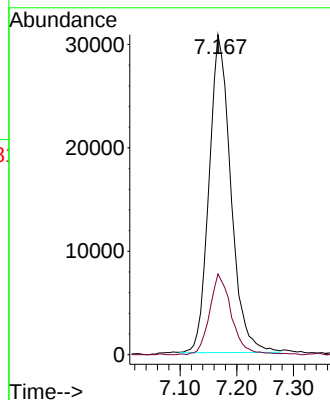
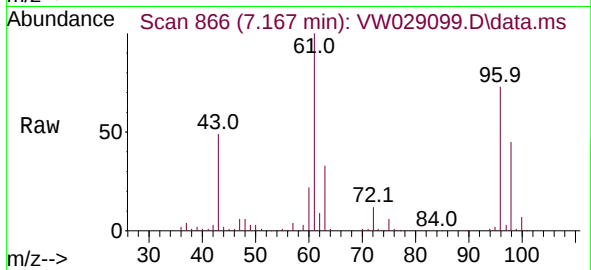




#22
2-Butanone
Concen: 64.920 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW029099.D
Acq: 12 Jun 2024 09:15

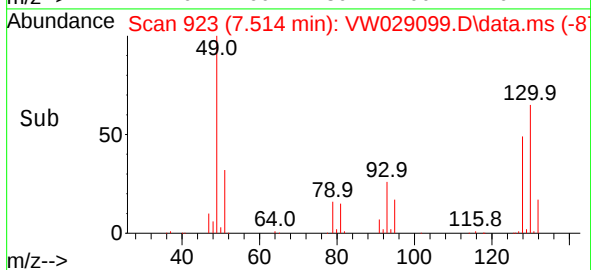
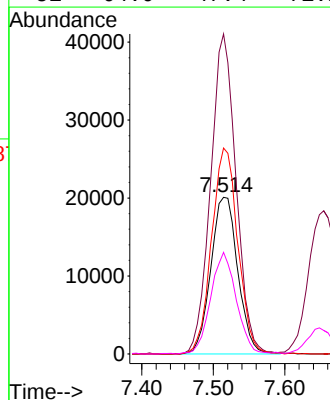
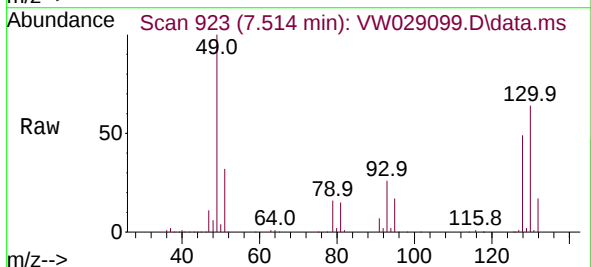
Instrument :
MSVOA_W
ClientSampleId :

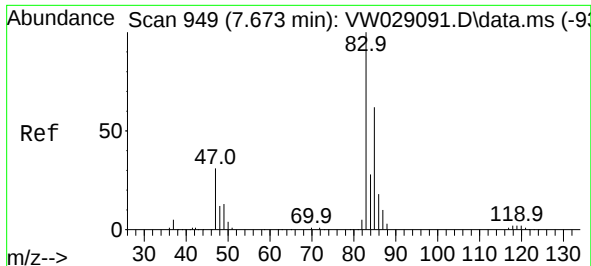
Tgt Ion: 43 Resp: 82066
Ion Ratio Lower Upper
43 100
72 25.4 12.5 37.5



#23
Bromochloromethane
Concen: 27.070 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW029099.D
Acq: 12 Jun 2024 09:15

Tgt Ion:128 Resp: 52654
Ion Ratio Lower Upper
128 100
49 204.3 135.9 252.3
130 131.4 89.0 165.2
51 64.9 47.4 71.2





#25

Chloroform

Concen: 27.844 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Instrument :

MSVOA_W

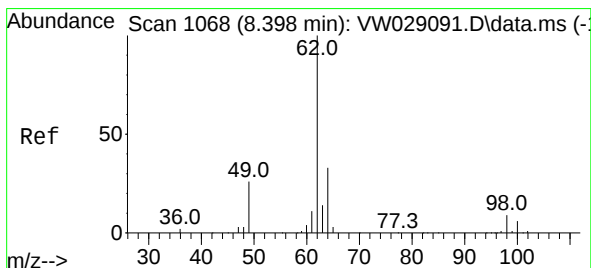
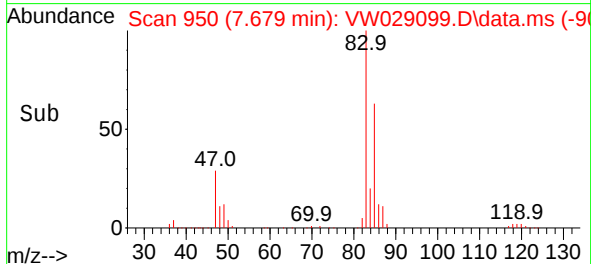
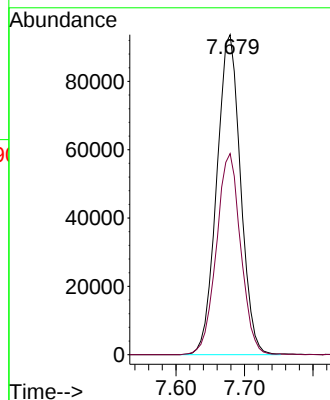
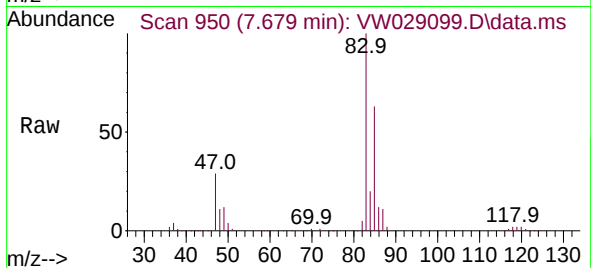
ClientSampleId :

Tgt Ion: 83 Resp: 225988

Ion Ratio Lower Upper

83 100

85 62.9 45.8 85.2



#27

1,2-Dichloroethane

Concen: 27.793 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029099.D

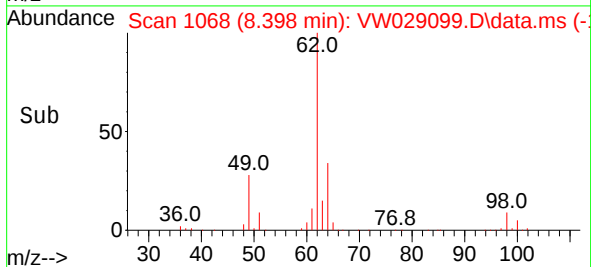
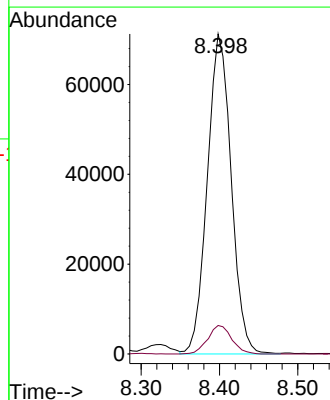
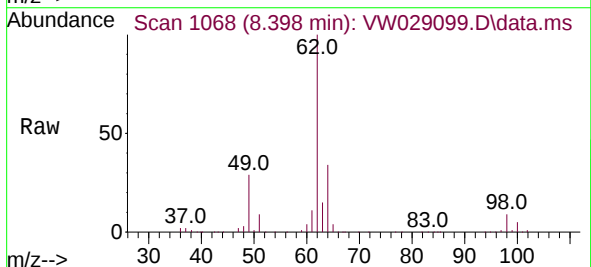
Acq: 12 Jun 2024 09:15

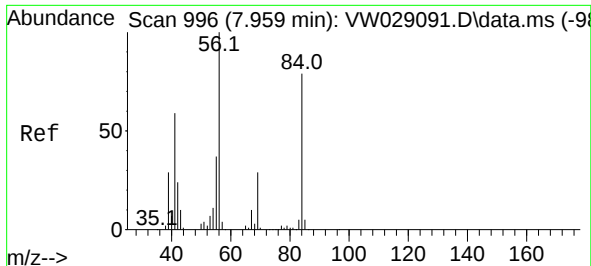
Tgt Ion: 62 Resp: 151165

Ion Ratio Lower Upper

62 100

98 8.9 7.1 10.7





#29

Cyclohexane

Concen: 27.445 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Instrument :

MSVOA_W

ClientSampleId :

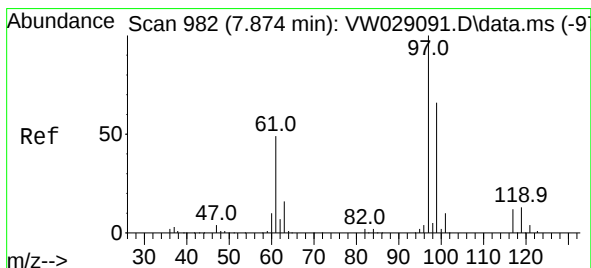
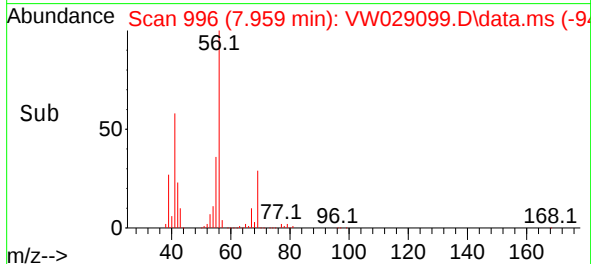
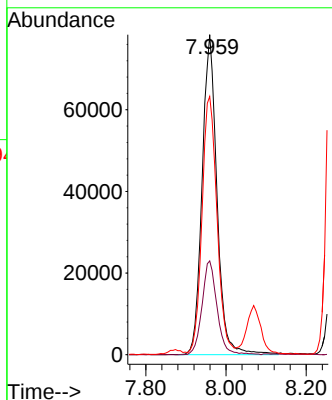
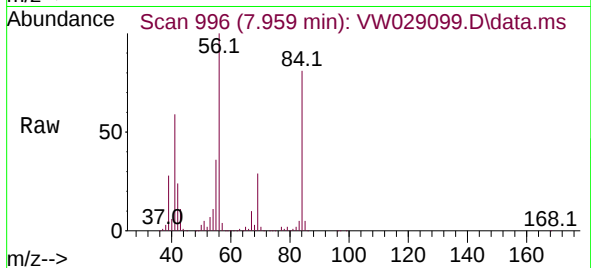
Tgt Ion: 56 Resp: 201403

Ion Ratio Lower Upper

56 100

69 29.2 24.2 36.4

84 81.2 65.4 98.2



#30

1,1,1-Trichloroethane

Concen: 26.081 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

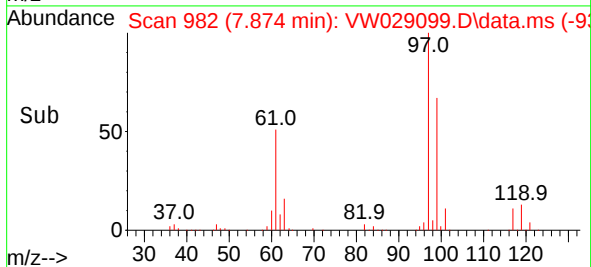
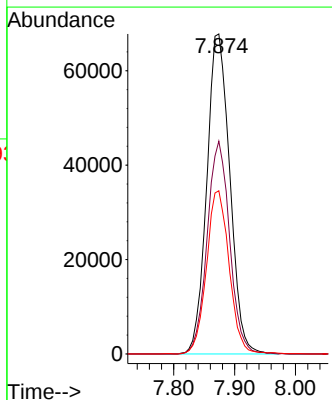
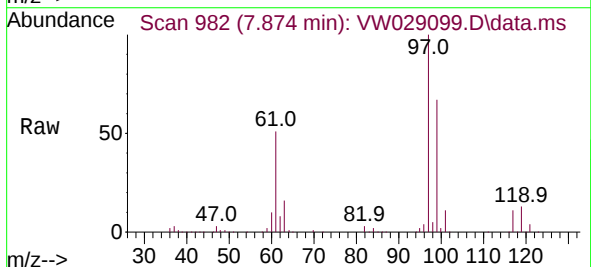
Tgt Ion: 97 Resp: 178360

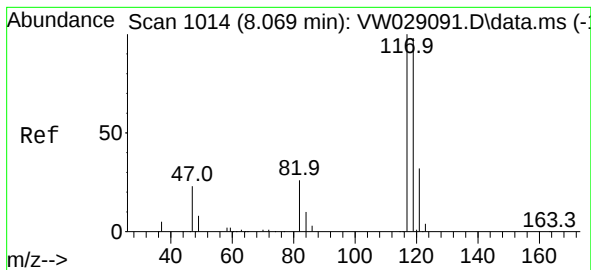
Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

61 50.2 39.6 59.4





#31

Carbon tetrachloride

Concen: 26.014 ug/L

RT: 8.075 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Instrument :

MSVOA_W

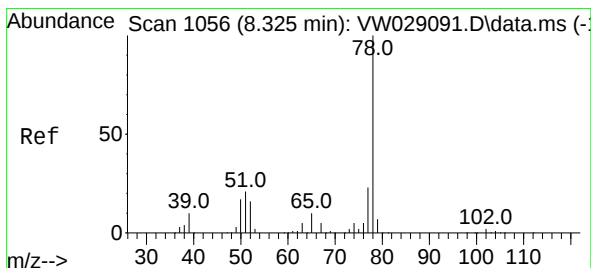
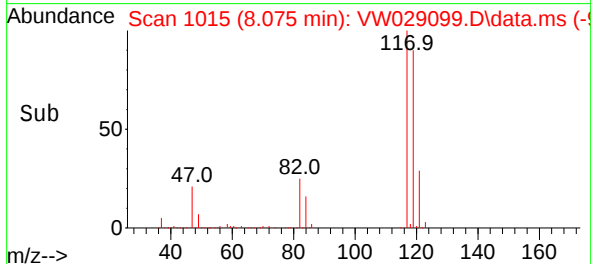
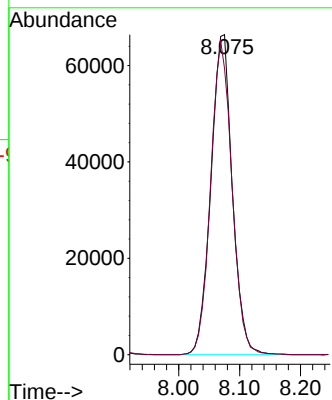
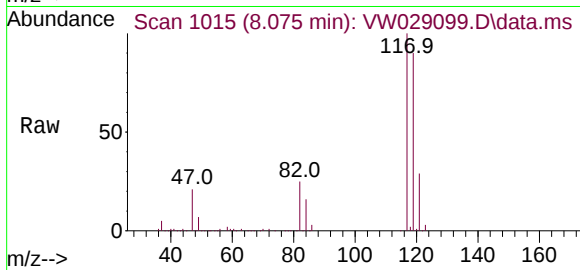
ClientSampleId :

Tgt Ion:117 Resp: 162043

Ion Ratio Lower Upper

117 100

119 97.8 78.8 118.2



#33

Benzene

Concen: 26.980 ug/L

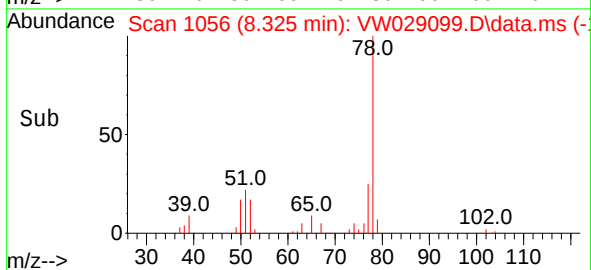
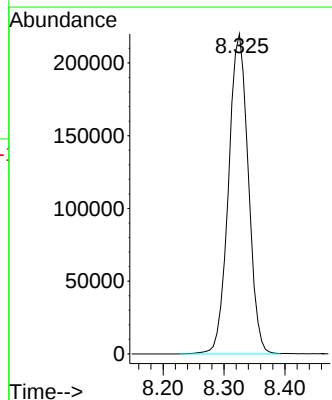
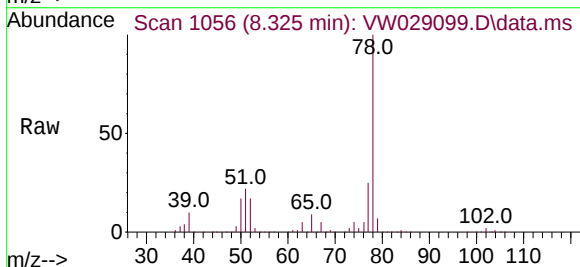
RT: 8.325 min Scan# 1056

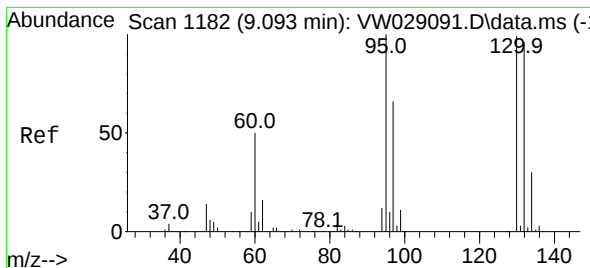
Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Tgt Ion: 78 Resp: 495142





#34

Trichloroethene

Concen: 26.674 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

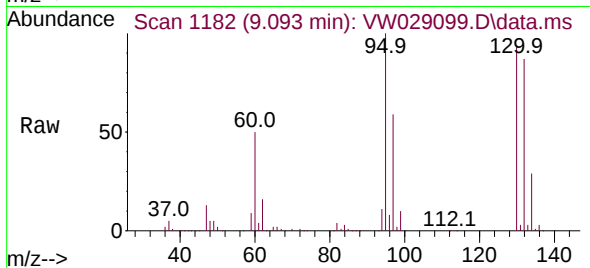
Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 128699

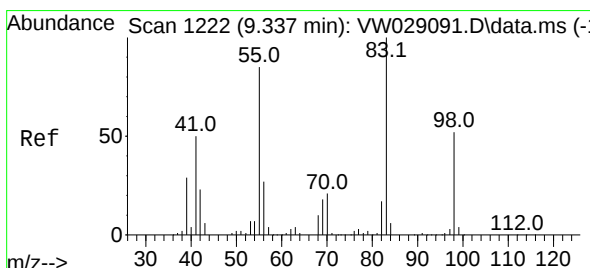
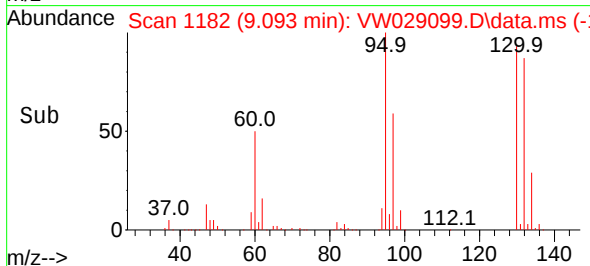
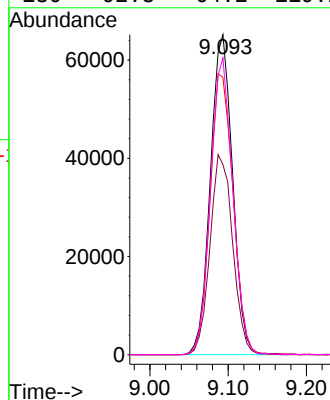
Ion Ratio Lower Upper

95 100

97 59.4 41.9 77.7

132 86.6 60.1 111.5

130 92.8 64.2 119.2



#35

Methylcyclohexane

Concen: 27.439 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

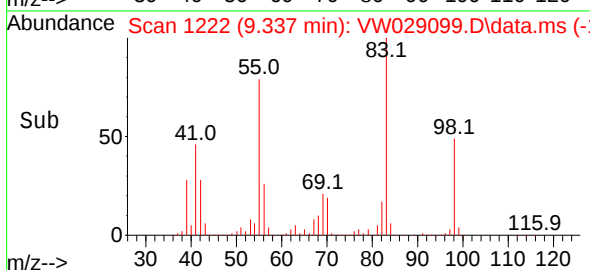
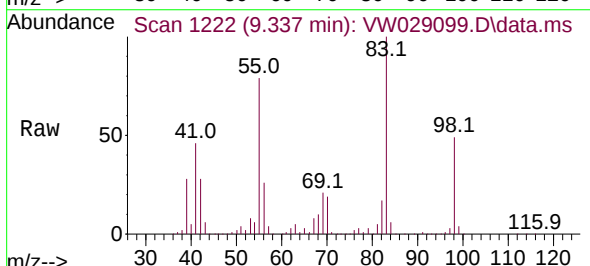
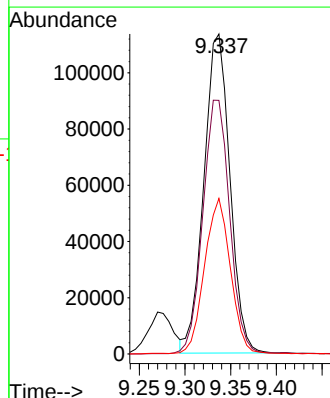
Tgt Ion: 83 Resp: 224582

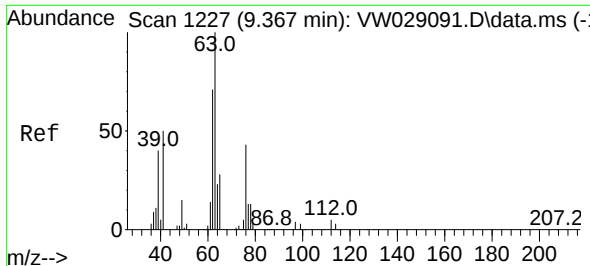
Ion Ratio Lower Upper

83 100

55 82.0 65.8 98.6

98 48.8 38.4 57.6





#37

1,2-Dichloropropane

Concen: 27.524 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Instrument :

MSVOA_W

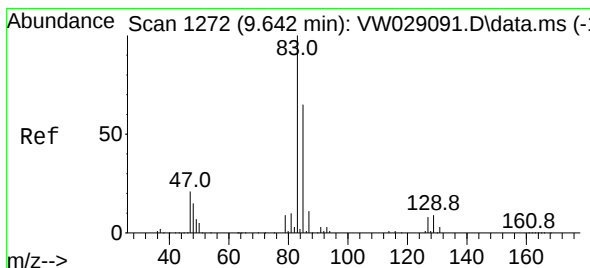
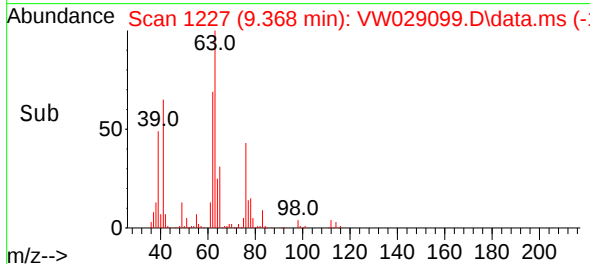
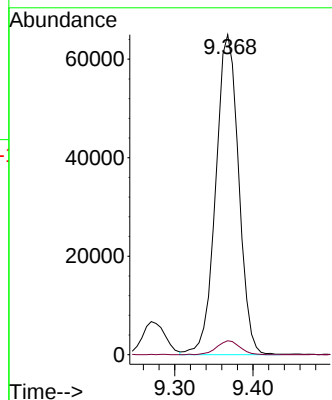
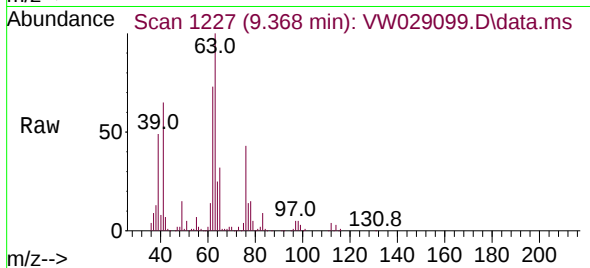
ClientSampleId :

Tgt Ion: 63 Resp: 132278

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 26.651 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

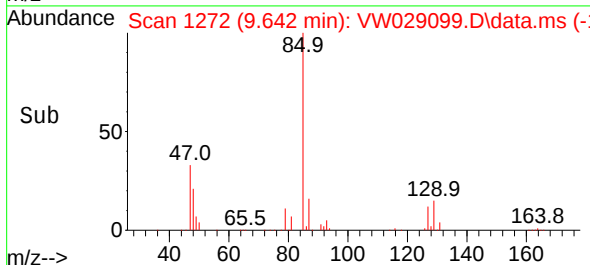
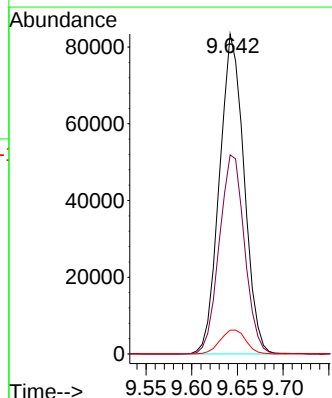
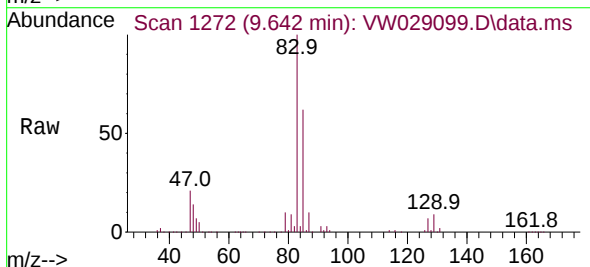
Tgt Ion: 83 Resp: 156209

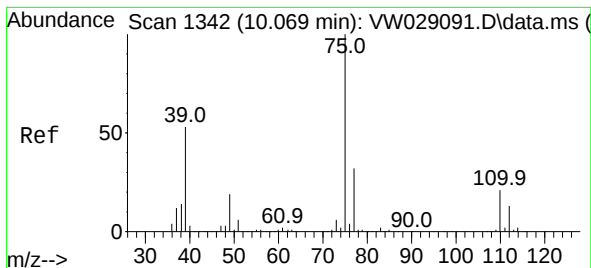
Ion Ratio Lower Upper

83 100

85 62.2 43.9 81.5

127 7.5 5.4 8.2

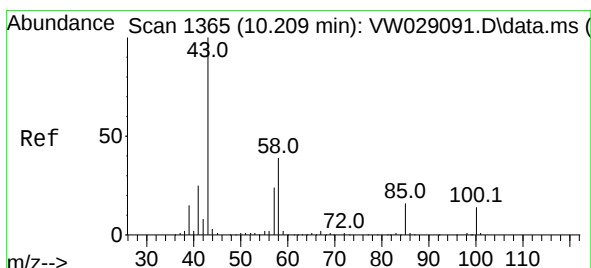
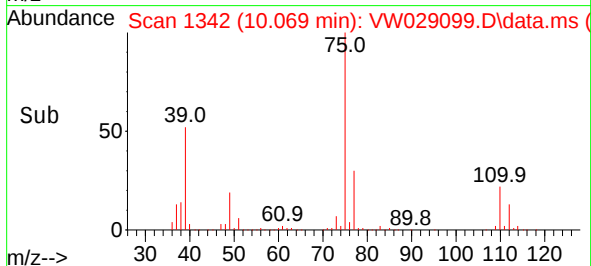
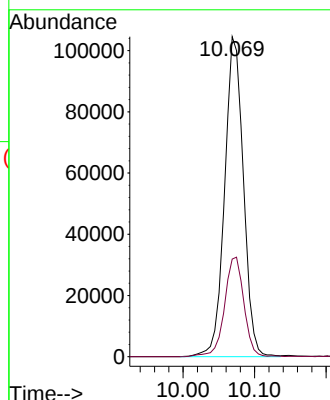
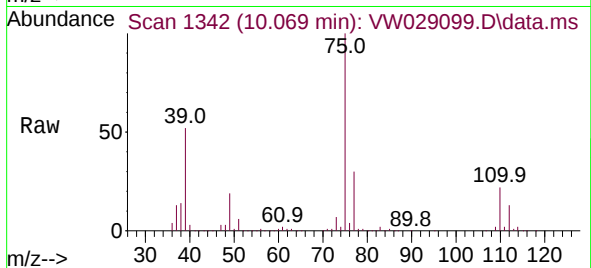




#39
cis-1,3-Dichloropropene
Concen: 27.318 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW029099.D
Acq: 12 Jun 2024 09:15

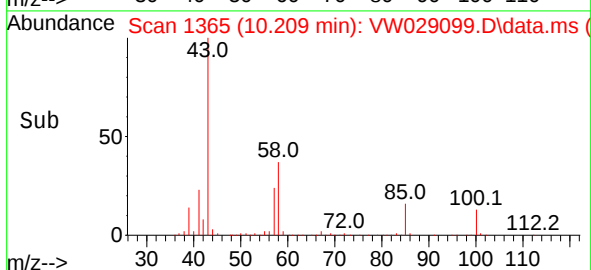
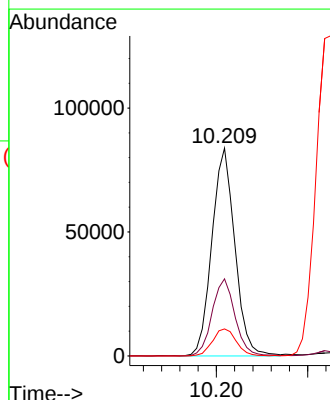
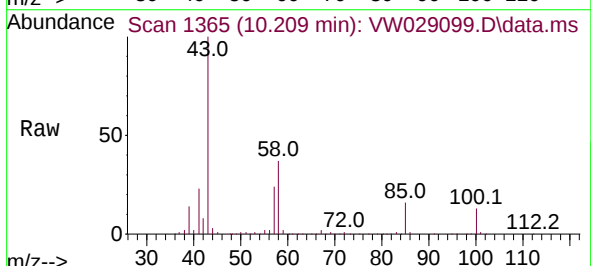
Instrument :
MSVOA_W
ClientSampleId :

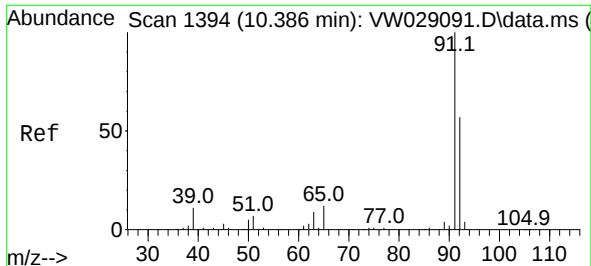
Tgt Ion: 75 Resp: 190795
Ion Ratio Lower Upper
75 100
77 30.5 21.0 39.0



#40
4-Methyl-2-pentanone
Concen: 59.929 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW029099.D
Acq: 12 Jun 2024 09:15

Tgt Ion: 43 Resp: 146494
Ion Ratio Lower Upper
43 100
58 36.9 30.3 45.5
100 13.5 10.7 16.1





#42

Toluene

Concen: 27.830 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Instrument :

MSVOA_W

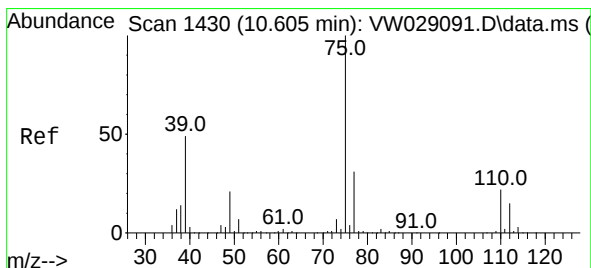
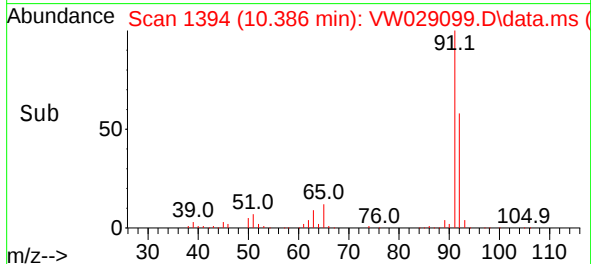
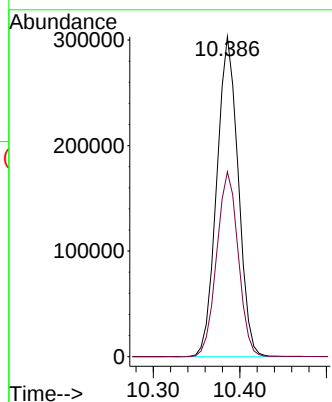
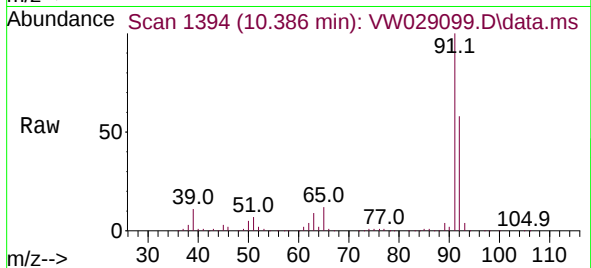
ClientSampleId :

Tgt Ion: 91 Resp: 521749

Ion Ratio Lower Upper

91 100

92 57.8 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 27.732 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029099.D

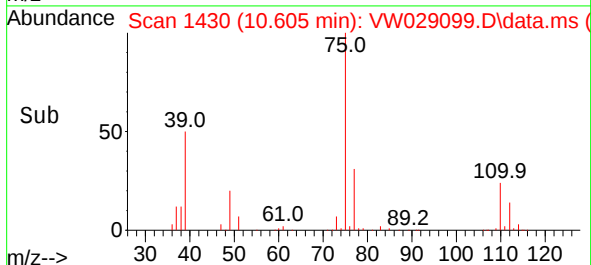
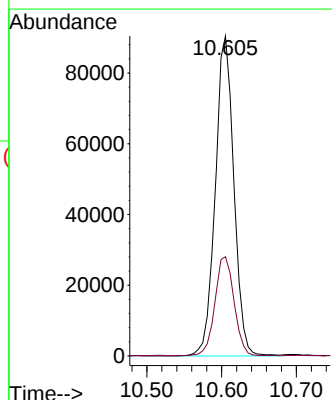
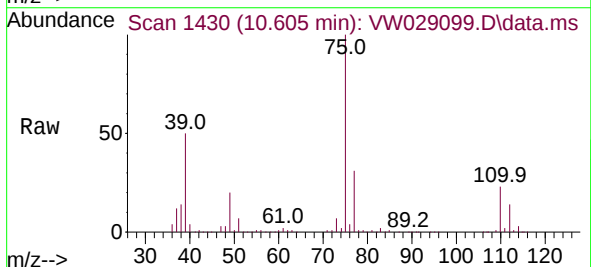
Acq: 12 Jun 2024 09:15

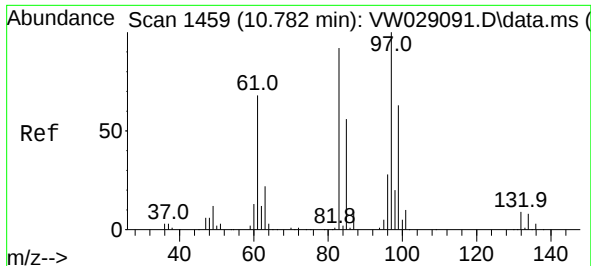
Tgt Ion: 75 Resp: 156151

Ion Ratio Lower Upper

75 100

77 31.0 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 26.998 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 87628

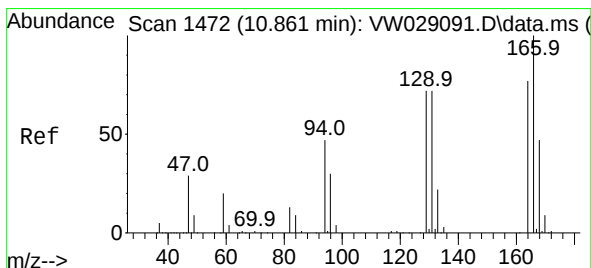
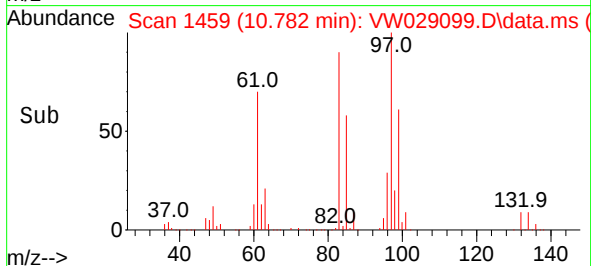
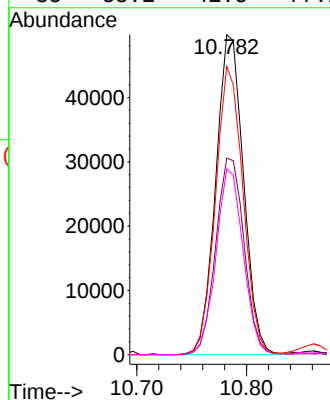
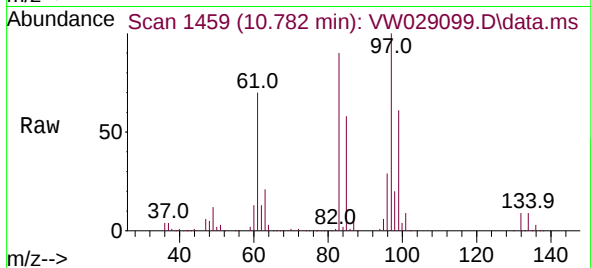
Ion Ratio Lower Upper

97 100

99 61.4 41.8 77.6

83 90.1 62.4 115.8

85 58.1 41.5 77.1



#46

Tetrachloroethene

Concen: 26.366 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Tgt Ion:164 Resp: 96649

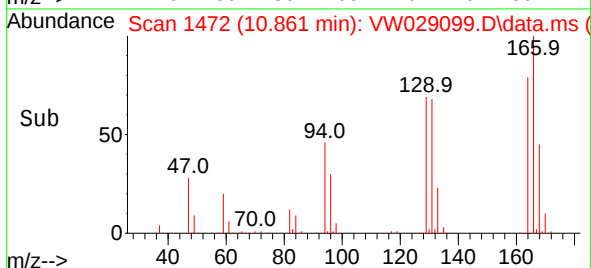
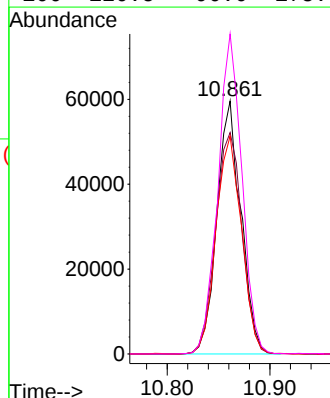
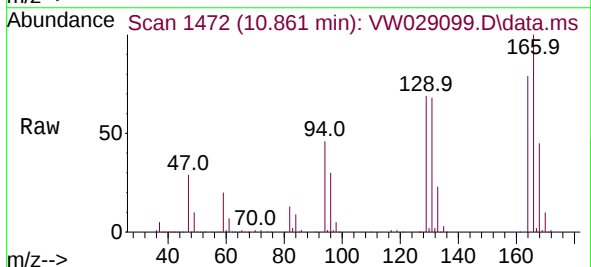
Ion Ratio Lower Upper

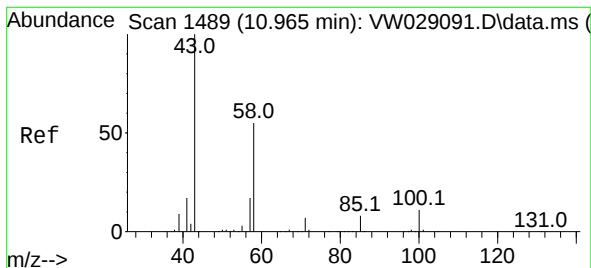
164 100

129 87.5 69.4 128.8

131 86.2 71.0 131.9

166 126.5 96.0 178.4





#48

2-Hexanone

Concen: 62.864 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 115213

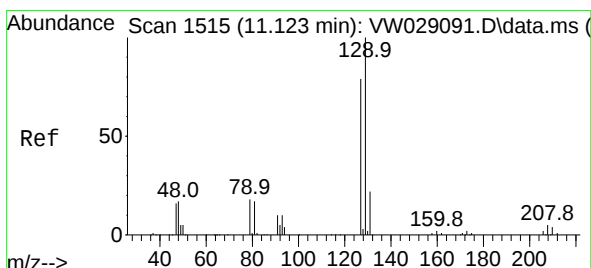
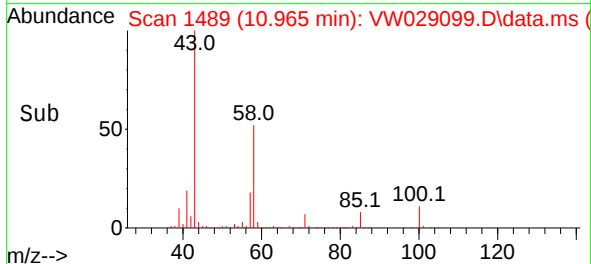
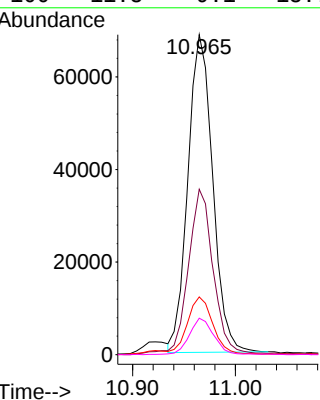
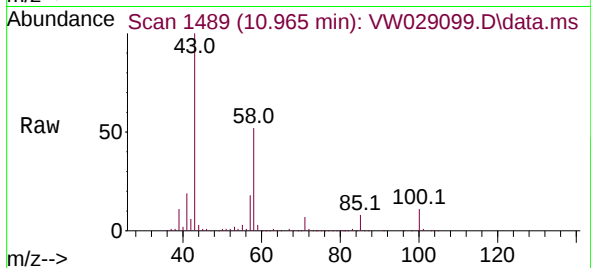
Ion Ratio Lower Upper

43 100

58 52.8 41.4 62.0

57 18.8 14.2 21.4

100 11.3 9.1 13.7



#49

Dibromochloromethane

Concen: 27.836 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW029099.D

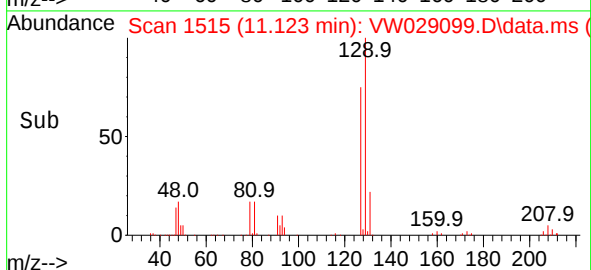
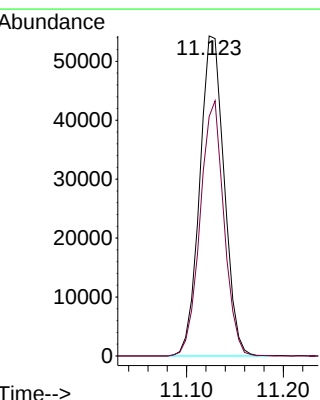
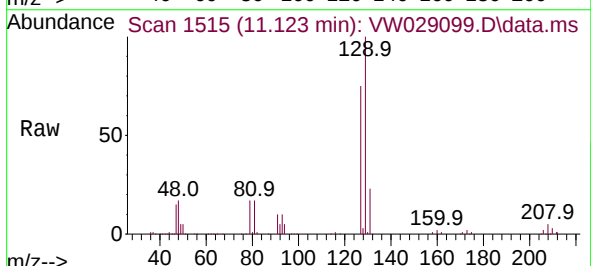
Acq: 12 Jun 2024 09:15

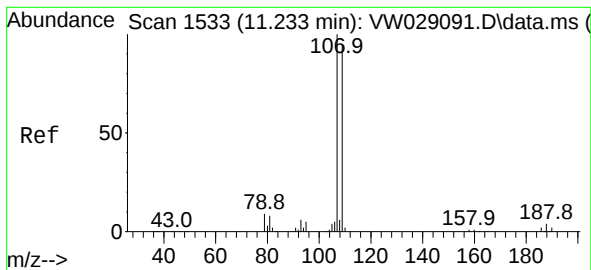
Tgt Ion:129 Resp: 95428

Ion Ratio Lower Upper

129 100

127 74.8 56.5 104.9

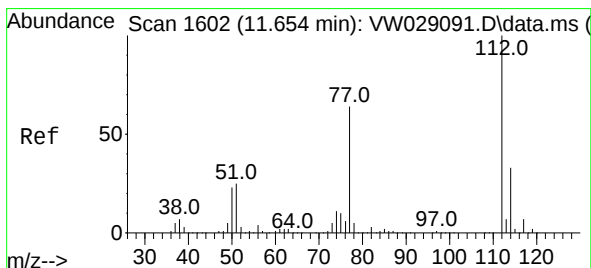
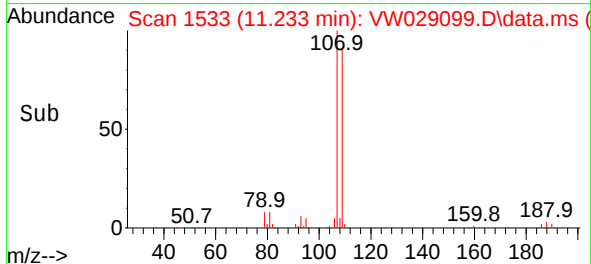
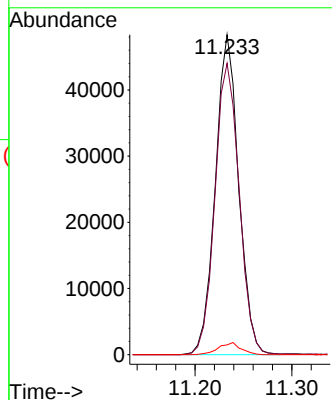
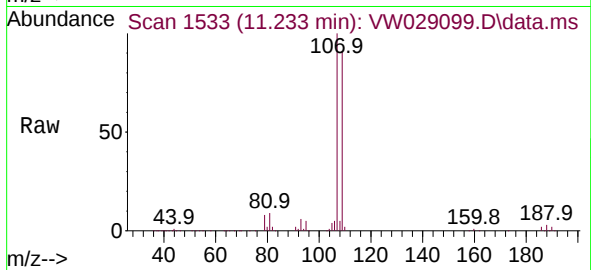




#50
1,2-Dibromoethane
Concen: 27.376 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW029099.D
Acq: 12 Jun 2024 09:15

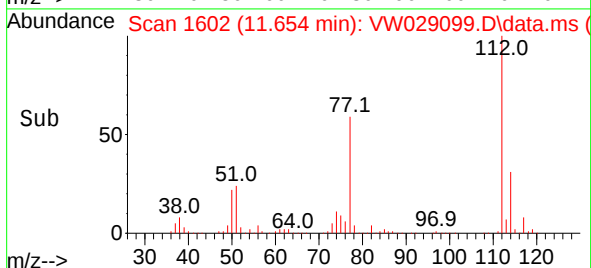
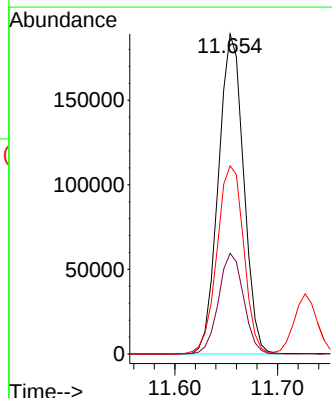
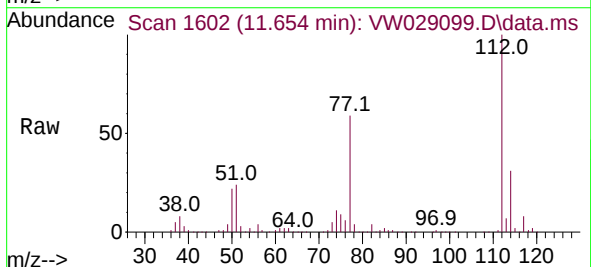
Instrument :
MSVOA_W
ClientSampleId :

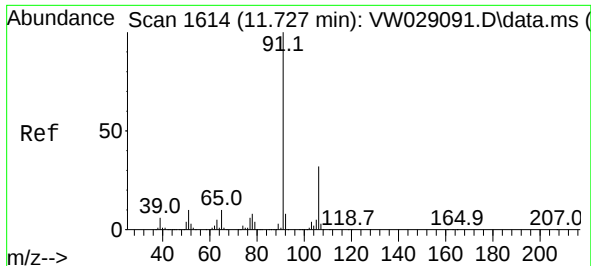
Tgt Ion:107 Resp: 81114
Ion Ratio Lower Upper
107 100
109 91.0 67.9 126.1
188 3.1 3.0 4.4



#51
Chlorobenzene
Concen: 26.726 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW029099.D
Acq: 12 Jun 2024 09:15

Tgt Ion:112 Resp: 321871
Ion Ratio Lower Upper
112 100
114 31.5 23.7 44.1
77 58.8 51.7 77.5





#52

Ethylbenzene

Concen: 27.924 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Instrument :

MSVOA_W

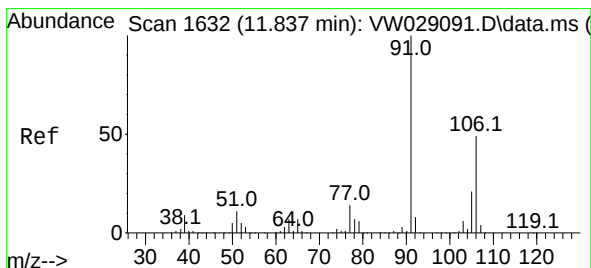
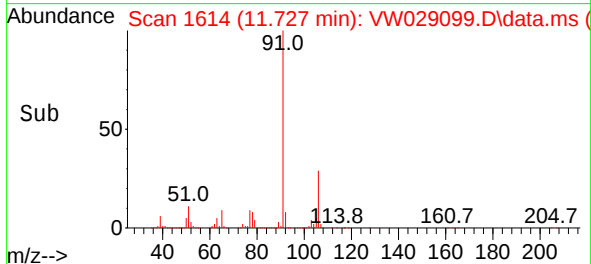
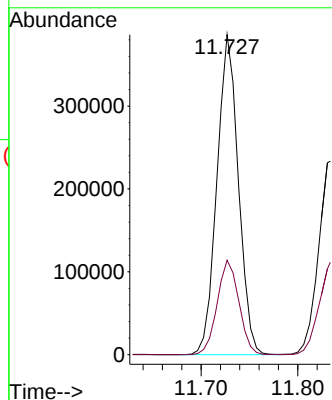
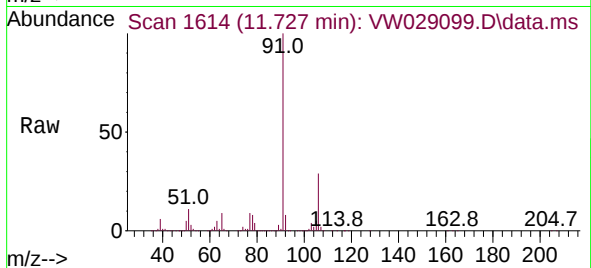
ClientSampleId :

Tgt Ion: 91 Resp: 594825

Ion Ratio Lower Upper

91 100

106 29.5 19.9 37.0



#53

m,p-Xylene

Concen: 27.581 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029099.D

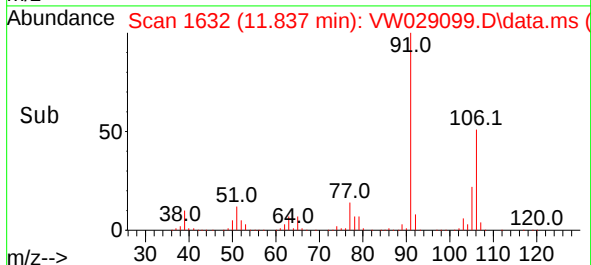
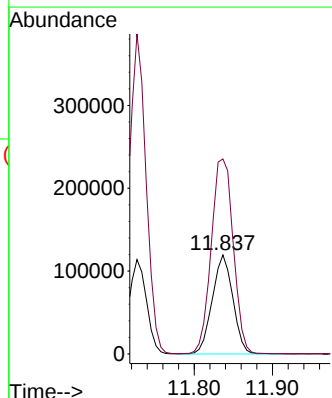
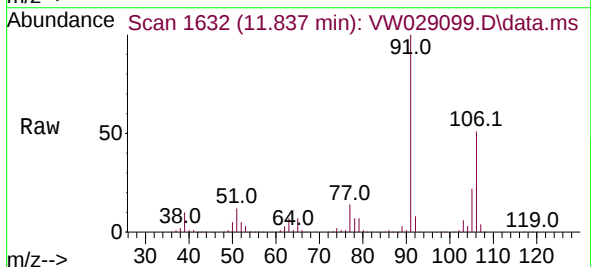
Acq: 12 Jun 2024 09:15

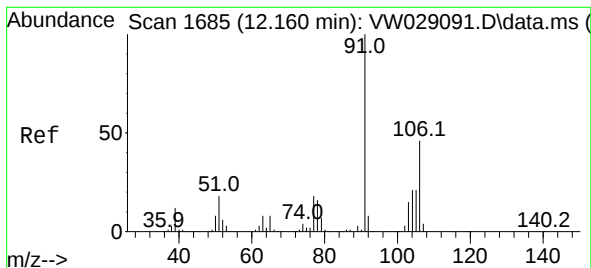
Tgt Ion:106 Resp: 217614

Ion Ratio Lower Upper

106 100

91 196.9 152.0 282.2





#54

o-Xylene

Concen: 28.253 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Instrument :

MSVOA_W

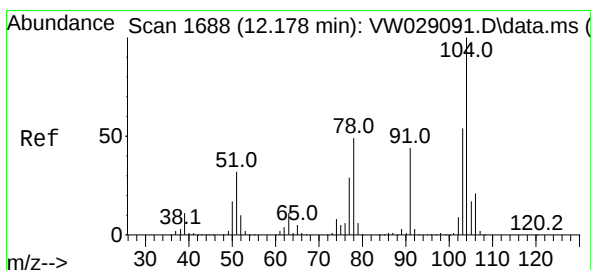
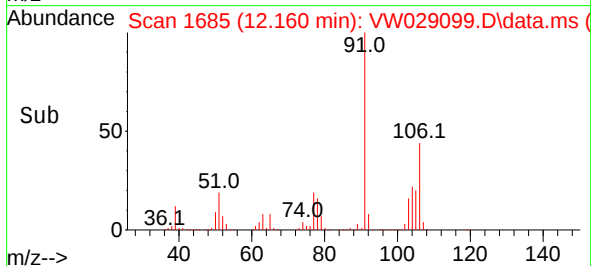
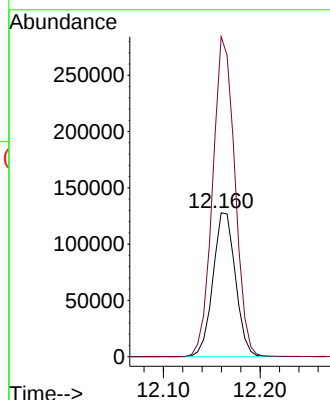
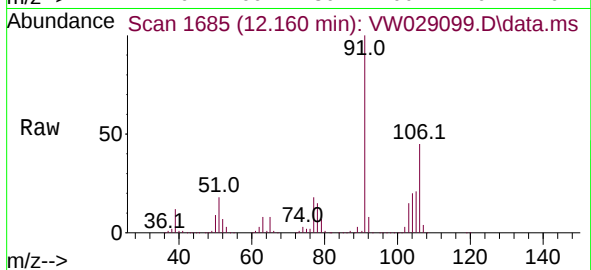
ClientSampleId :

Tgt Ion:106 Resp: 206406

Ion Ratio Lower Upper

106 100

91 222.5 152.5 283.3



#55

Styrene

Concen: 28.367 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029099.D

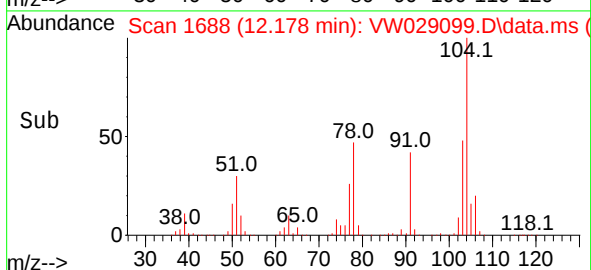
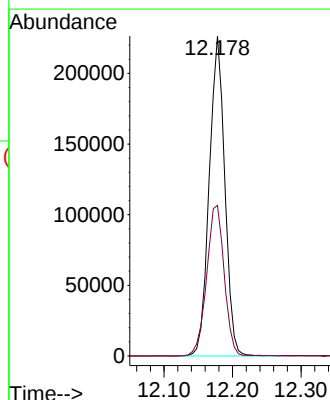
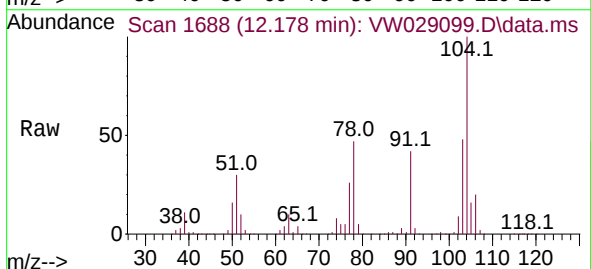
Acq: 12 Jun 2024 09:15

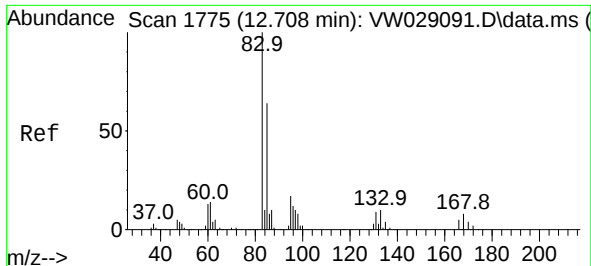
Tgt Ion:104 Resp: 357285

Ion Ratio Lower Upper

104 100

78 47.1 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 28.053 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Instrument :

MSVOA_W

ClientSampleId :

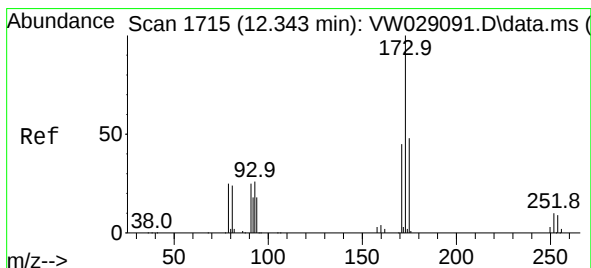
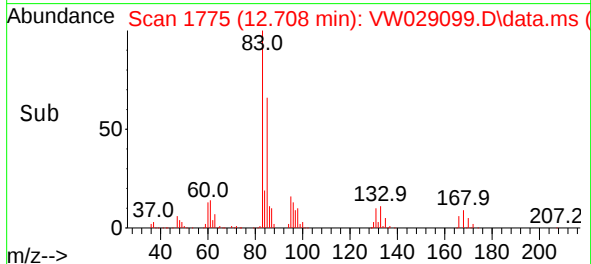
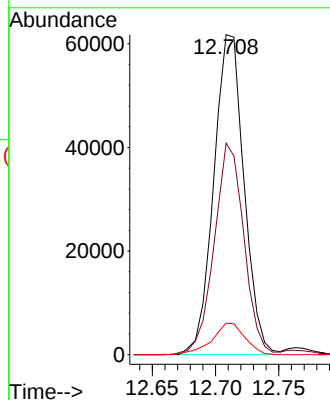
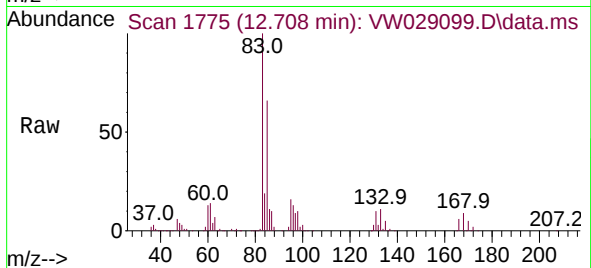
Tgt Ion: 83 Resp: 102789

Ion Ratio Lower Upper

83 100

85 66.1 43.8 81.3

131 9.9 7.3 10.9



#59

Bromoform

Concen: 27.175 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

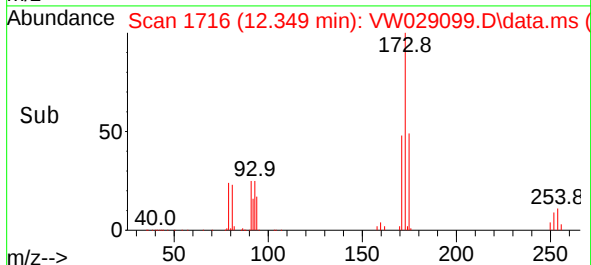
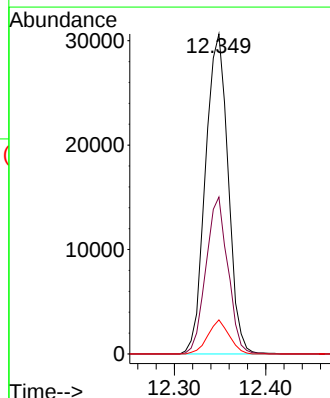
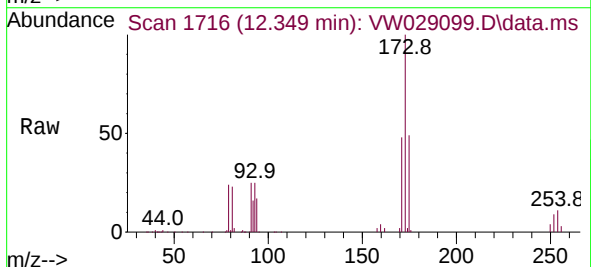
Tgt Ion:173 Resp: 52718

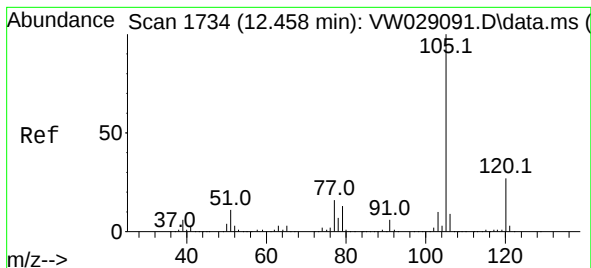
Ion Ratio Lower Upper

173 100

175 47.5 38.1 57.1

254 10.0 8.2 12.2





#60

Isopropylbenzene

Concen: 27.264 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Instrument :

MSVOA_W

ClientSampleId :

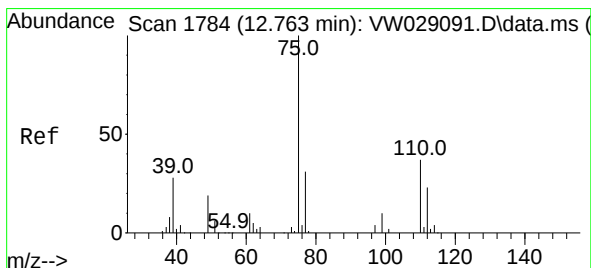
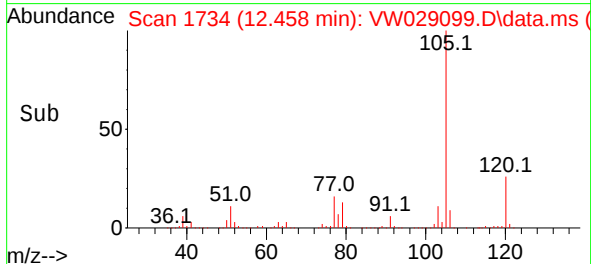
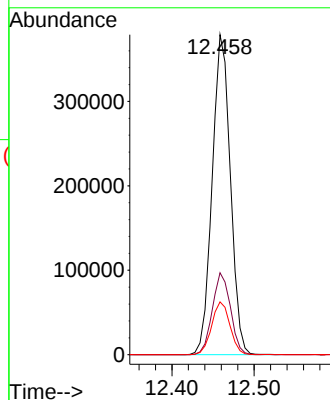
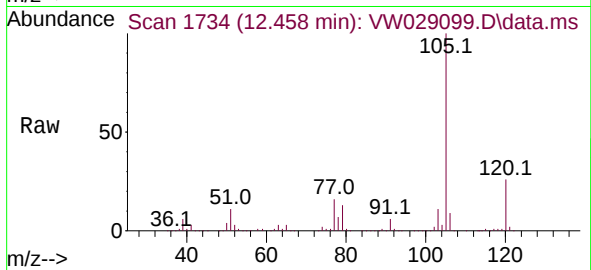
Tgt Ion:105 Resp: 582112

Ion Ratio Lower Upper

105 100

120 25.5 20.7 31.1

77 16.6 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 26.845 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

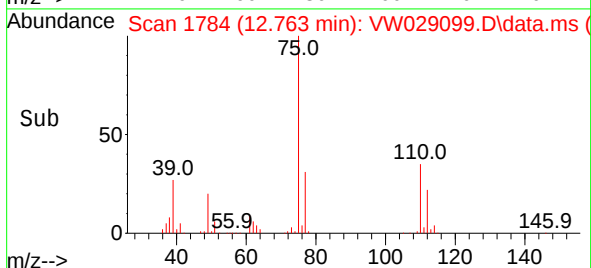
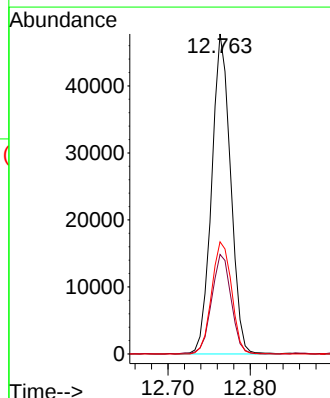
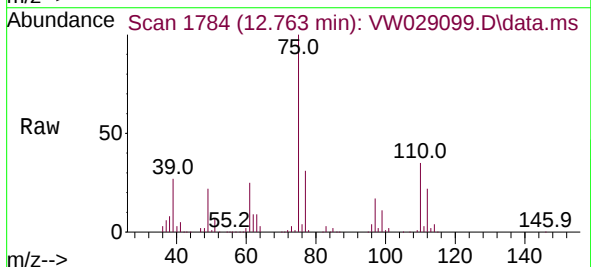
Tgt Ion: 75 Resp: 76394

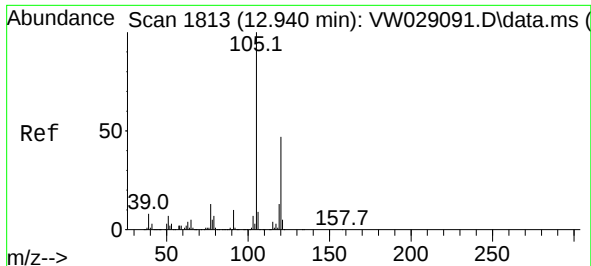
Ion Ratio Lower Upper

75 100

77 31.9 26.3 39.5

110 36.7 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 28.099 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Instrument :

MSVOA_W

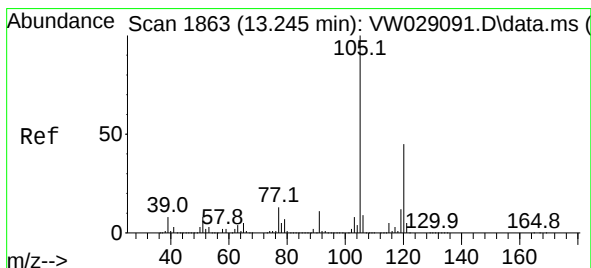
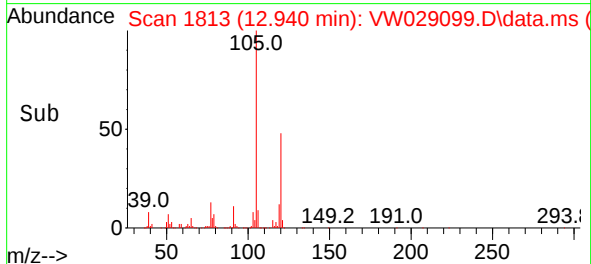
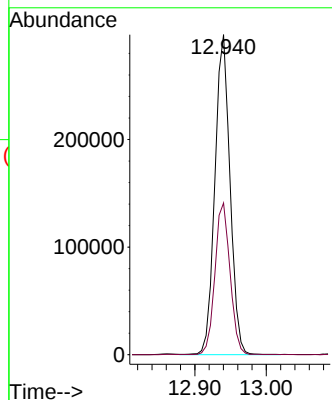
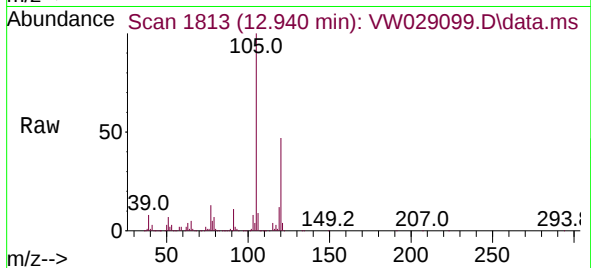
ClientSampleId :

Tgt Ion:105 Resp: 436350

Ion Ratio Lower Upper

105 100

120 47.2 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 28.298 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029099.D

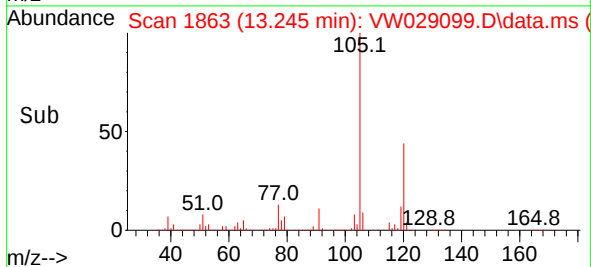
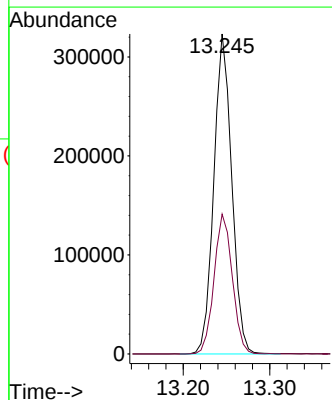
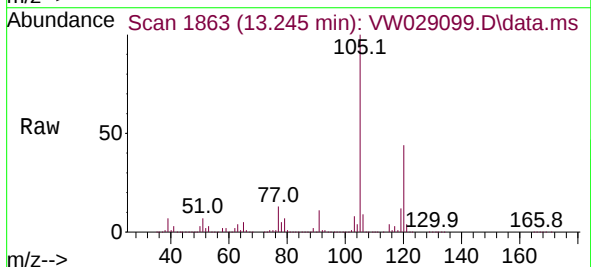
Acq: 12 Jun 2024 09:15

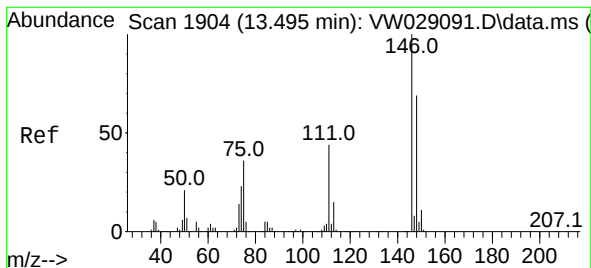
Tgt Ion:105 Resp: 464420

Ion Ratio Lower Upper

105 100

120 44.4 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 26.282 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

Instrument :

MSVOA_W

ClientSampleId :

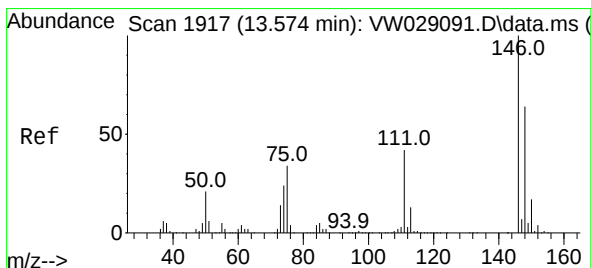
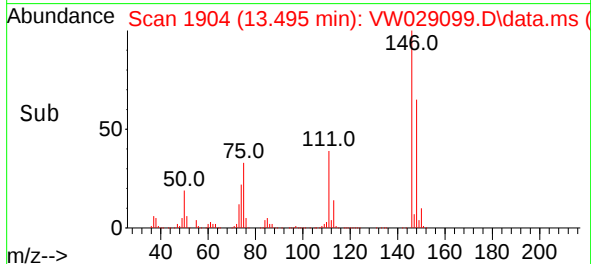
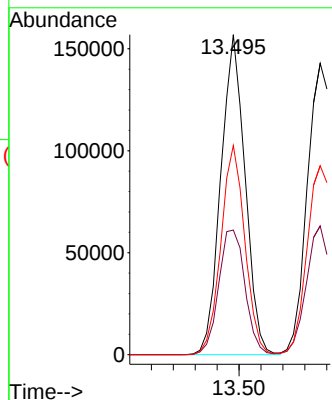
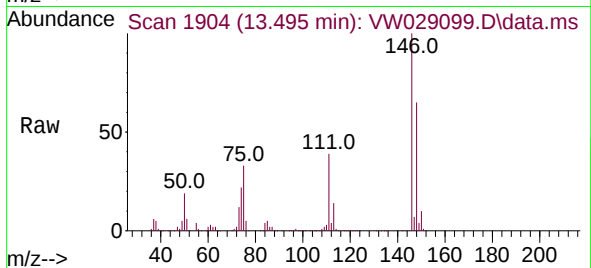
Tgt Ion:146 Resp: 241148

Ion Ratio Lower Upper

146 100

111 39.0 29.4 54.6

148 65.4 42.5 78.9



#65

1,4-Dichlorobenzene

Concen: 24.563 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW029099.D

Acq: 12 Jun 2024 09:15

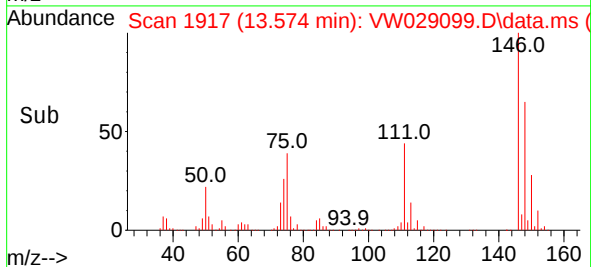
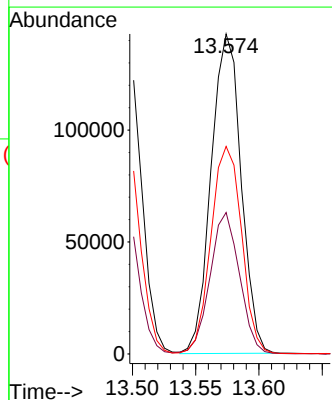
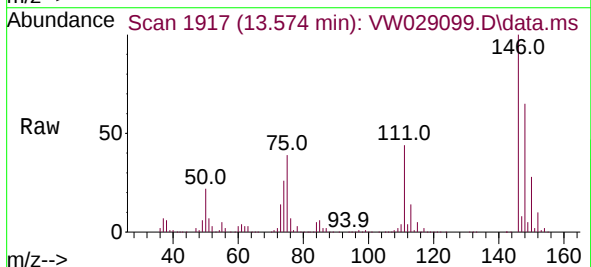
Tgt Ion:146 Resp: 235388

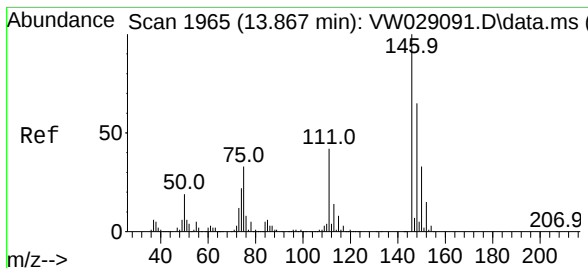
Ion Ratio Lower Upper

146 100

111 44.2 27.5 51.1

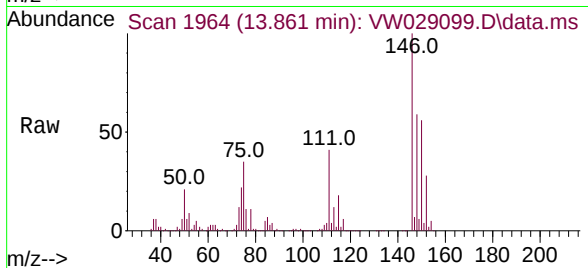
148 64.9 39.5 73.3



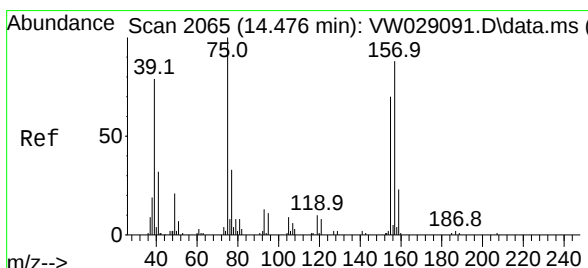
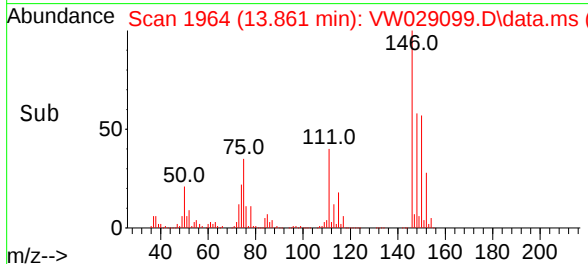
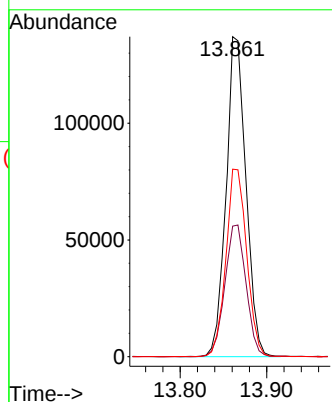


#67
1,2-Dichlorobenzene
Concen: 26.616 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. -0.006 min
Lab File: VW029099.D
Acq: 12 Jun 2024 09:15

Instrument :
MSVOA_W
ClientSampleId :

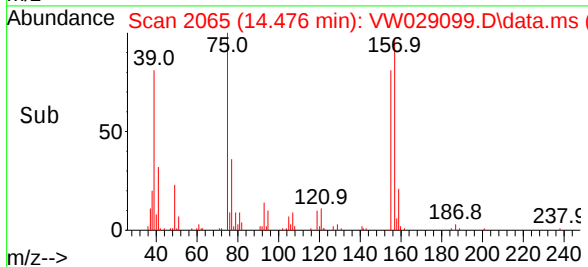
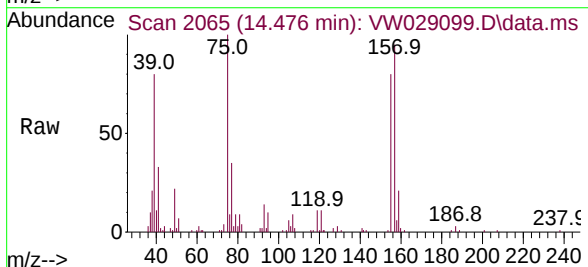
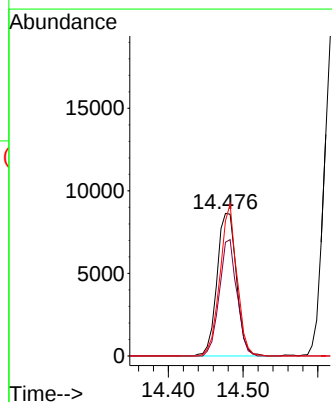


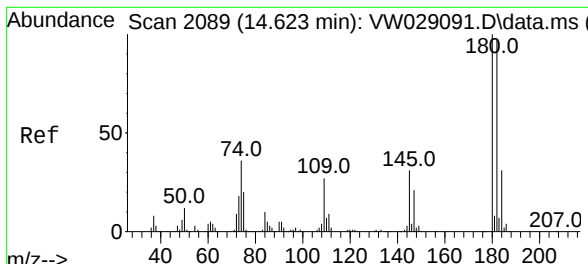
Tgt Ion:146 Resp: 218880
Ion Ratio Lower Upper
146 100
111 40.8 32.8 49.2
148 58.6 48.2 72.4



#68
1,2-Dibromo-3-chloropropane
Concen: 25.595 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029099.D
Acq: 12 Jun 2024 09:15

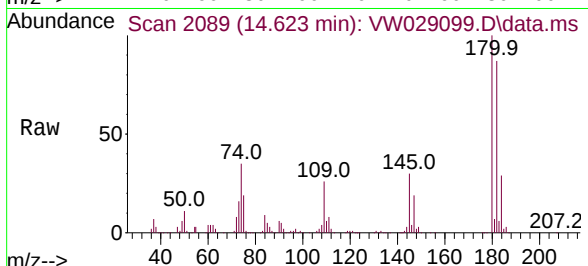
Tgt Ion: 75 Resp: 15525
Ion Ratio Lower Upper
75 100
155 79.8 52.3 78.5#
157 94.9 71.0 106.4



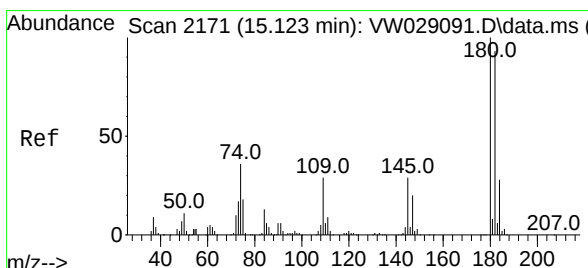
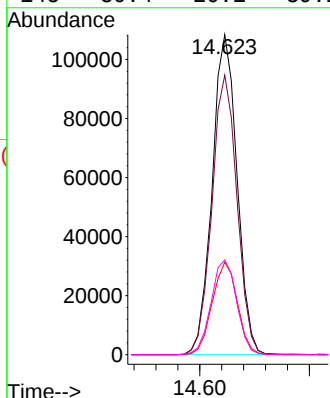
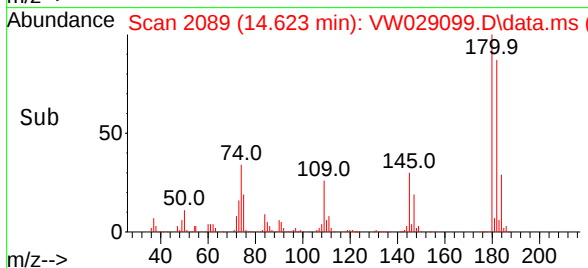


#69
 1,3,5-Trichlorobenzene
 Concen: 27.082 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW029099.D
 Acq: 12 Jun 2024 09:15

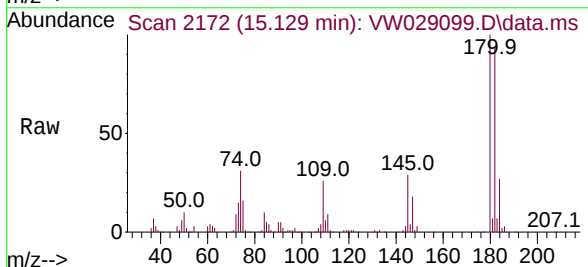
Instrument :
 MSVOA_W
 ClientSampleId :



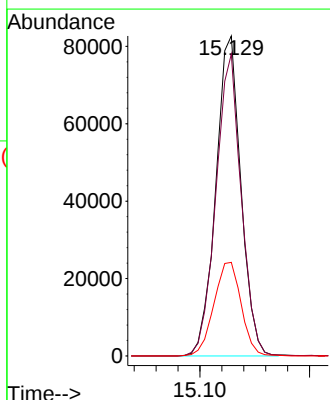
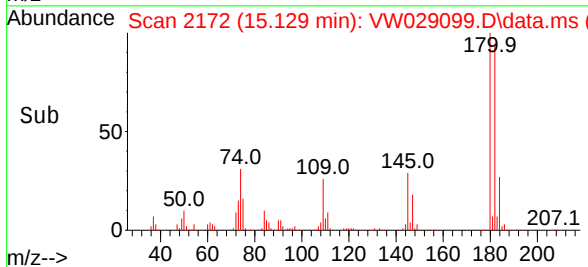
Tgt Ion:180 Resp: 170615
 Ion Ratio Lower Upper
 180 100
 182 88.2 77.4 116.0
 184 29.2 24.6 36.8
 145 30.4 26.1 39.1

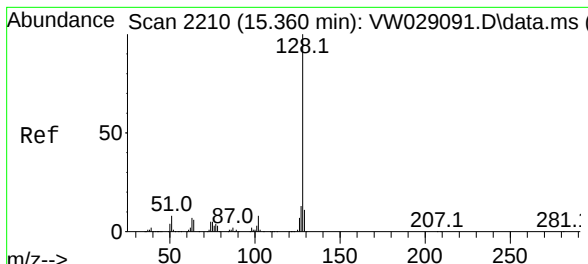


#70
 1,2,4-trichlorobenzene
 Concen: 25.796 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VW029099.D
 Acq: 12 Jun 2024 09:15



Tgt Ion:180 Resp: 131713
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.3 112.9
 145 31.8 26.2 39.2



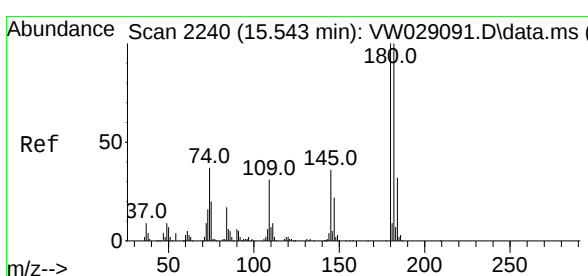
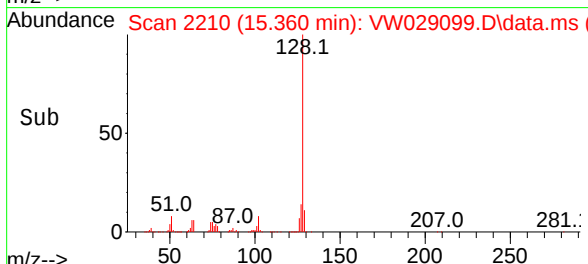
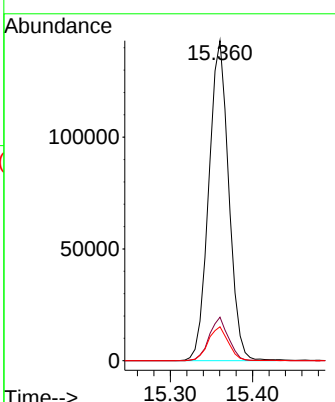
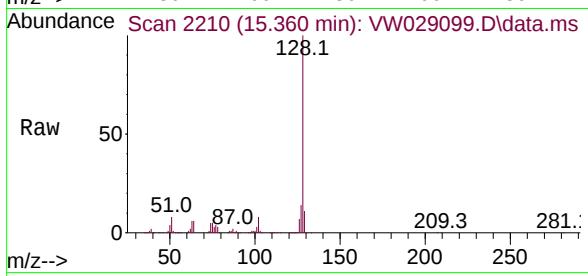


#71
Naphthalene
Concen: 27.804 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW029099.D
Acq: 12 Jun 2024 09:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 241884

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	10.7	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 27.509 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW029099.D
Acq: 12 Jun 2024 09:15

Tgt Ion:180 Resp: 120006

Ion	Ratio	Lower	Upper
180	100		
182	88.6	75.4	113.0
145	31.5	26.6	39.8

