

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062124\
 Data File : VW029292.D
 Acq On : 21 Jun 2024 09:40
 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 21 22:49:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 02:43:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	297256	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	271768	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	141223	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	87962	21.379	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.520%
7) Chloroethane-d5	2.905	69	71887	20.690	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.760%
11) 1,1-Dichloroethene-d2	4.021	65	41544	20.913	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.640%
21) 2-Butanone-d5	7.075	46	57331	46.575	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.140%
24) Chloroform-d	7.648	84	199505	22.499	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	8.301	65	111266	21.855	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	8.270	84	384179	23.273	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.080%
36) 1,2-Dichloropropane-d6	9.270	67	121682	23.189	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.760%
41) Toluene-d8	10.319	98	350503	24.000	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	10.575	79	48043	22.720	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.880%
47) 2-Hexanone-d5	10.922	63	40420	49.138	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96164	23.026	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	113699	23.195	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	66553	22.948	ug/L	92
3) Chloromethane	2.229	50	88704	21.451	ug/L	100
5) Vinyl chloride	2.381	62	109697	23.100	ug/L	97
6) Bromomethane	2.796	94	62579	21.925	ug/L	94
8) Chloroethane	2.942	64	68642	23.633	ug/L	99
9) Trichlorofluoromethane	3.265	101	86296	23.439	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	90148	22.208	ug/L #	85
12) 1,1-Dichloroethene	4.045	96	89190	25.895	ug/L	89
13) Acetone	4.125	43	63916	61.099	ug/L	96
14) Carbon disulfide	4.393	76	265965	23.654	ug/L	98
15) Methyl Acetate	4.673	43	51911	24.996	ug/L	98
16) Methylene chloride	4.923	84	114510	21.908	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	97697	25.541	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	159656	26.089	ug/L	98
19) 1,1-Dichloroethane	6.216	63	207142	25.074	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	108733	25.778	ug/L	97
22) 2-Butanone	7.167	43	76687	53.478	ug/L	99
23) Bromochloromethane	7.514	128	47604	25.352	ug/L	94
25) Chloroform	7.679	83	203017	25.166	ug/L	99

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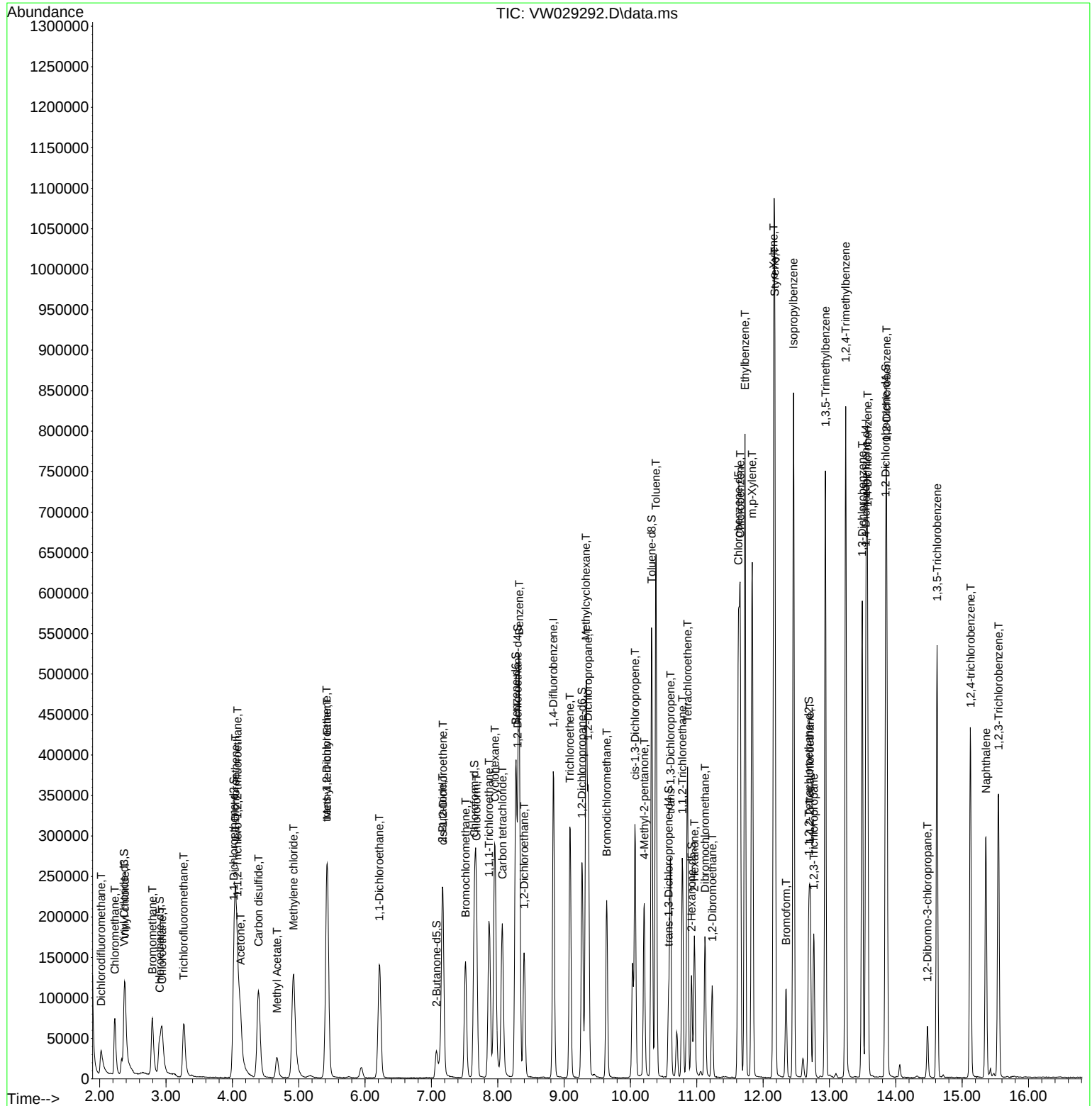
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	143644	24.143	ug/L	100
29) Cyclohexane	7.959	56	171242	27.562	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	156569	25.908	ug/L	98
31) Carbon tetrachloride	8.069	117	141808	25.687	ug/L	97
33) Benzene	8.325	78	435007	26.640	ug/L	100
34) Trichloroethene	9.087	95	110630	25.394	ug/L	96
35) Methylcyclohexane	9.331	83	186292	27.190	ug/L	99
37) 1,2-Dichloropropane	9.361	63	120297	26.217	ug/L	99
38) Bromodichloromethane	9.642	83	144100	25.686	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	177151	27.312	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	149326	52.507	ug/L	99
42) Toluene	10.386	91	453868	27.037	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	146062	26.670	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	82817	25.915	ug/L	96
46) Tetrachloroethene	10.861	164	78677	25.835	ug/L	93
48) 2-Hexanone	10.965	43	113147	56.069	ug/L	97
49) Dibromochloromethane	11.123	129	86169	25.795	ug/L	99
50) 1,2-Dibromoethane	11.233	107	74816	26.081	ug/L	95
51) Chlorobenzene	11.654	112	287235	26.349	ug/L	98
52) Ethylbenzene	11.727	91	532458	27.943	ug/L	100
53) m,p-Xylene	11.837	106	198283	28.488	ug/L	98
54) o-Xylene	12.160	106	182375	28.036	ug/L	97
55) Styrene	12.178	104	325298	28.681	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	100942	25.536	ug/L	96
59) Bromoform	12.349	173	48280	24.944	ug/L	99
60) Isopropylbenzene	12.458	105	511822	27.199	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	73764	23.947	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	381387	27.985	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	418237	28.523	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	220997	27.139	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	213967	24.695	ug/L	87
67) 1,2-Dichlorobenzene	13.861	146	200566	26.642	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	16267	22.630	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.623	180	146236	26.608	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	121931	27.368	ug/L	98
71) Naphthalene	15.360	128	243146	27.652	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	107699	26.531	ug/L	95

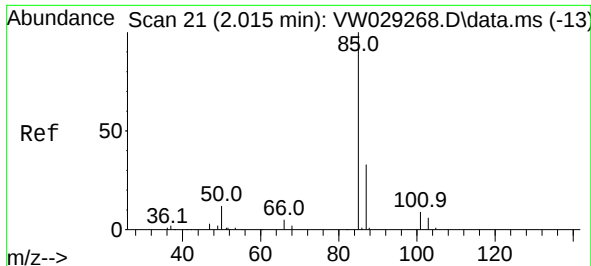
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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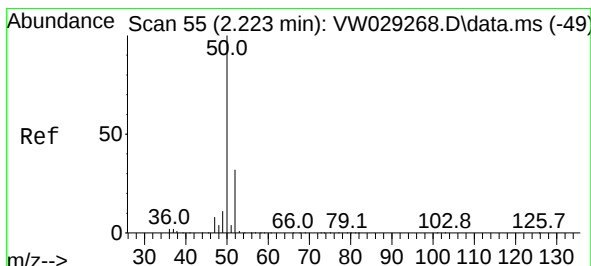
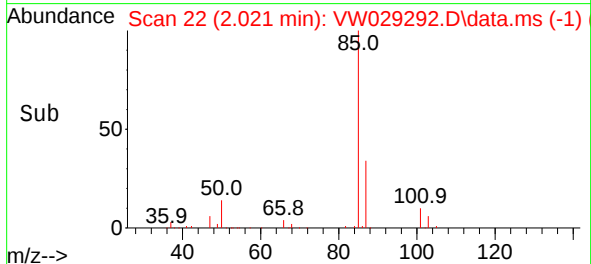
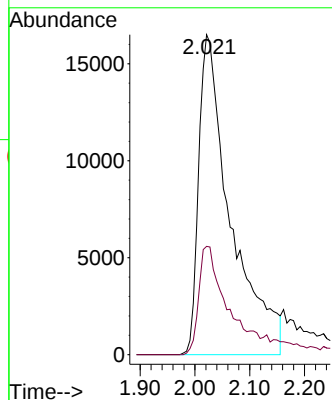
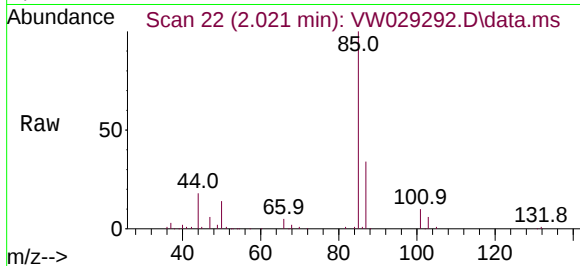




#2
 Dichlorodifluoromethane
 Concen: 22.948 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW029292.D
 Acq: 21 Jun 2024 09:40

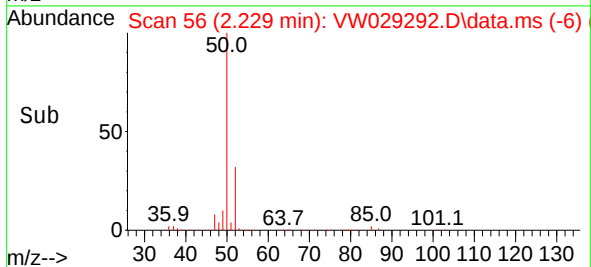
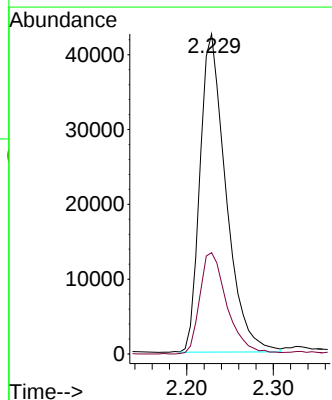
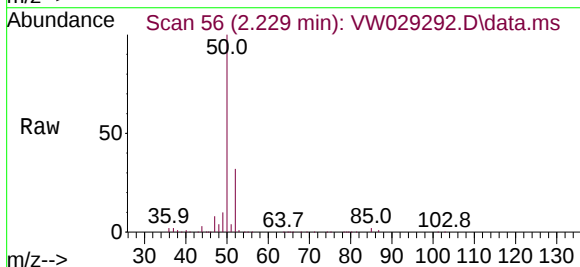
Instrument :
 MSVOA_W
 ClientSampleId :

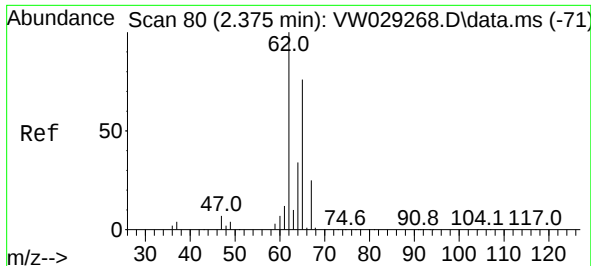
Tgt Ion: 85 Resp: 66553
 Ion Ratio Lower Upper
 85 100
 87 25.4 23.8 35.6



#3
 Chloromethane
 Concen: 21.451 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW029292.D
 Acq: 21 Jun 2024 09:40

Tgt Ion: 50 Resp: 88704
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.3 41.5

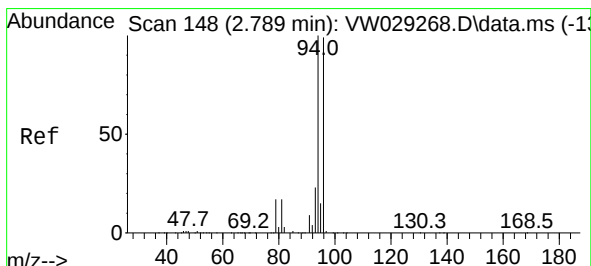
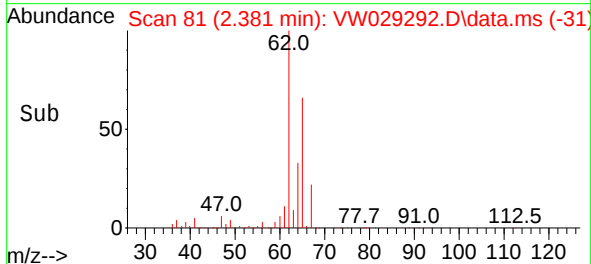
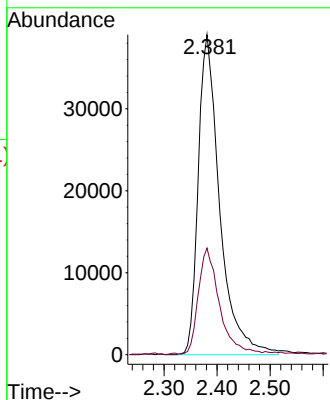
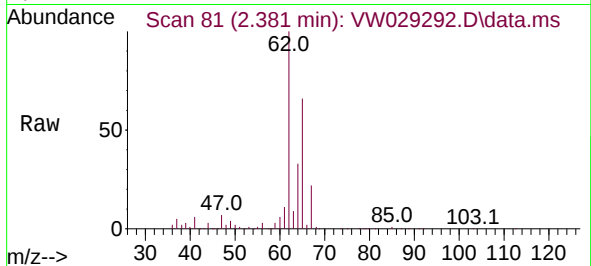




#5
 Vinyl chloride
 Concen: 23.100 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW029292.D
 Acq: 21 Jun 2024 09:40

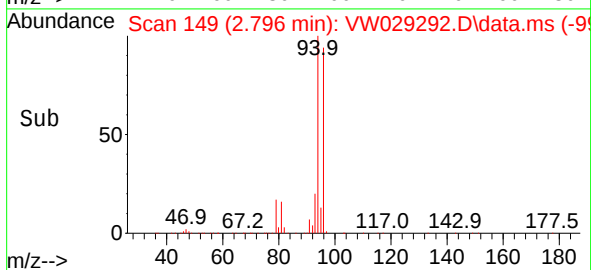
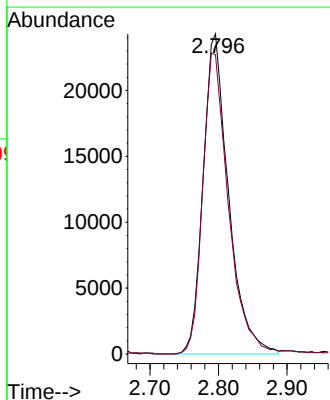
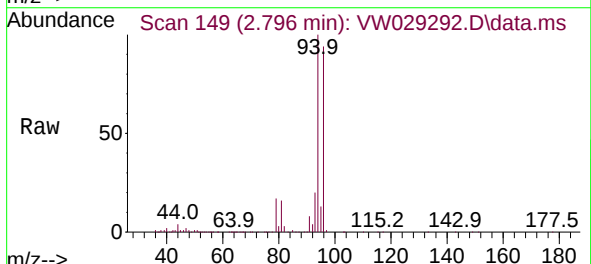
Instrument :
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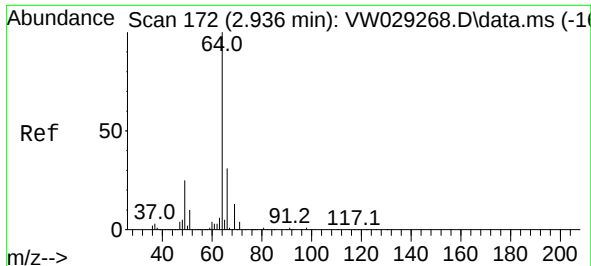
Tgt Ion: 62 Resp: 109697
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.0 40.8



#6
 Bromomethane
 Concen: 21.925 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW029292.D
 Acq: 21 Jun 2024 09:40

Tgt Ion: 94 Resp: 62579
 Ion Ratio Lower Upper
 94 100
 96 93.5 69.5 129.1

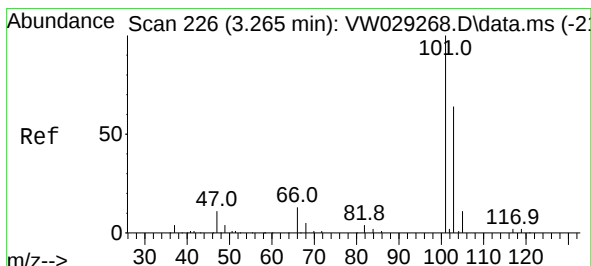
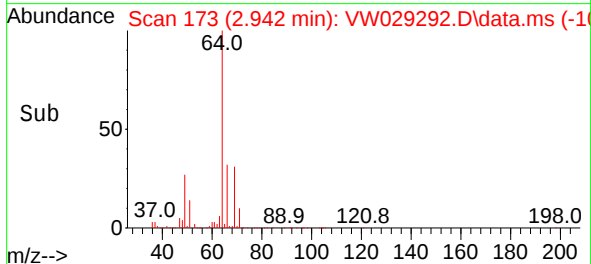
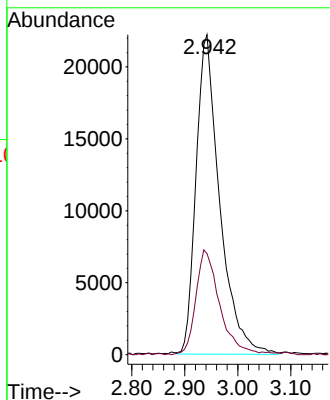
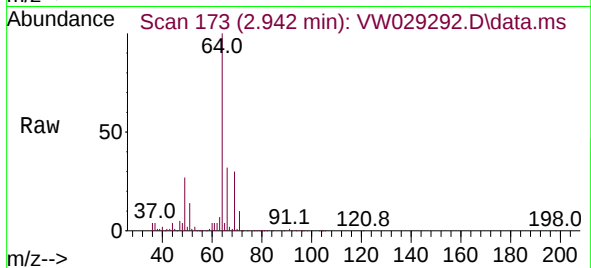




#8
Chloroethane
Concen: 23.633 ug/L
RT: 2.942 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW029292.D
Acq: 21 Jun 2024 09:40

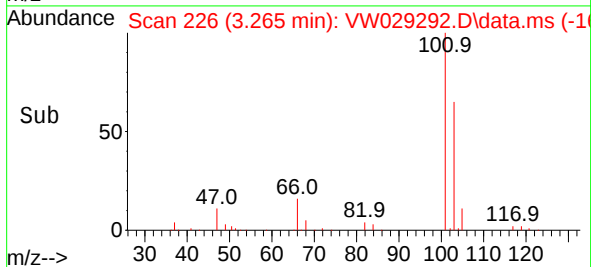
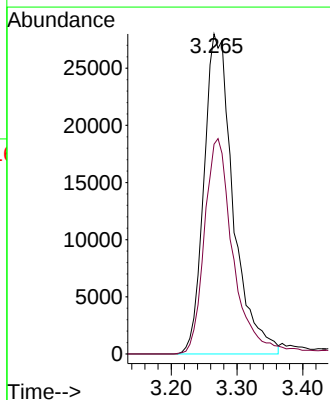
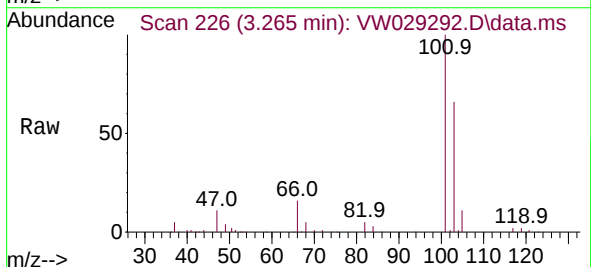
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MSVOA_W
ClientSampleId :

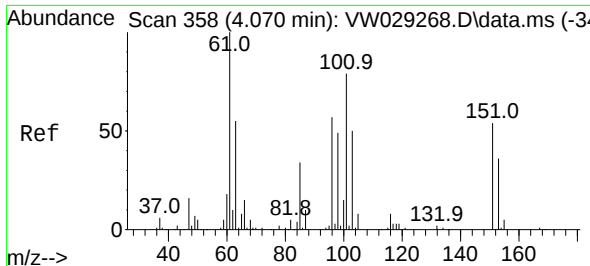
Tgt Ion: 64 Resp: 68642
Ion Ratio Lower Upper
64 100
66 31.6 22.5 41.9



#9
Trichlorofluoromethane
Concen: 23.439 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW029292.D
Acq: 21 Jun 2024 09:40

Tgt Ion:101 Resp: 86296
Ion Ratio Lower Upper
101 100
103 65.9 50.8 76.2





#10

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

Concen: 22.208 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :

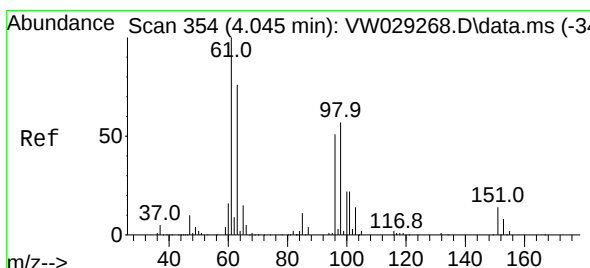
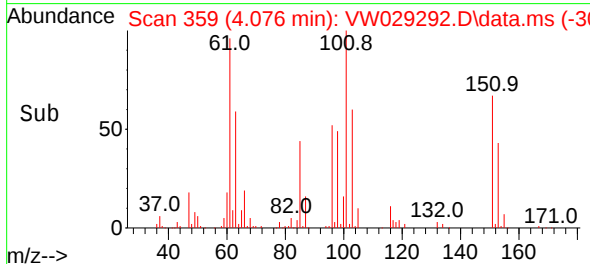
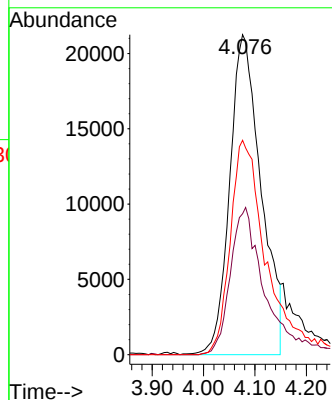
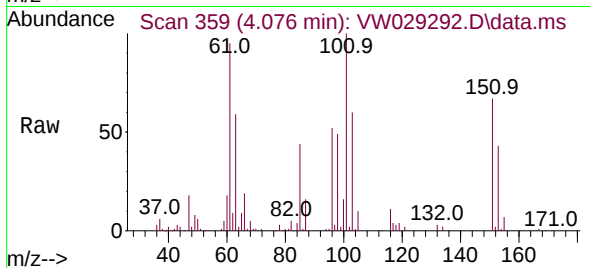
Tgt Ion:101 Resp: 90148

Ion Ratio Lower Upper

101 100

85 48.6 30.2 45.2#

151 76.0 52.2 78.4



#12

1,1-Dichloroethene

Concen: 25.895 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

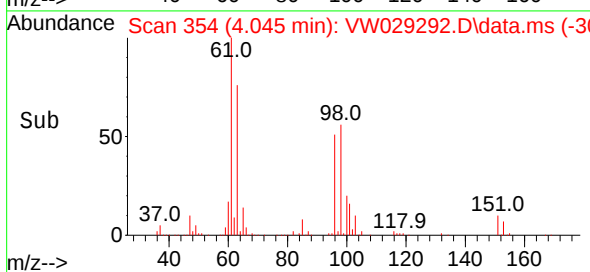
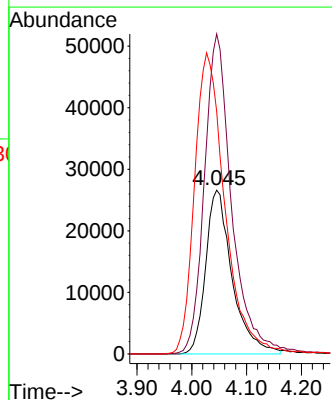
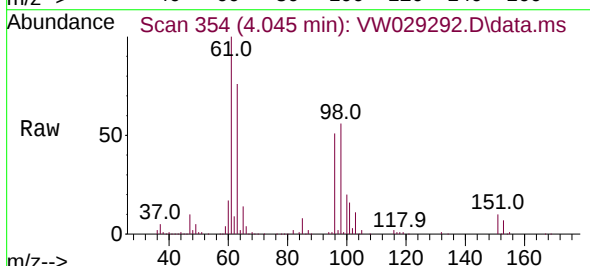
Tgt Ion: 96 Resp: 89190

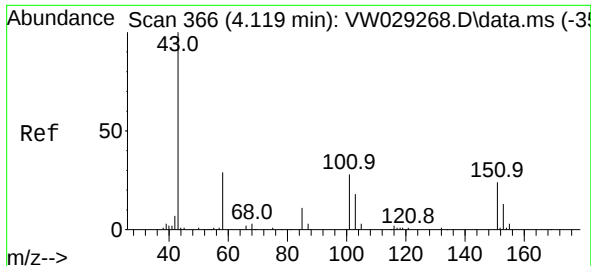
Ion Ratio Lower Upper

96 100

61 195.3 140.1 260.3

63 148.0 122.0 226.6

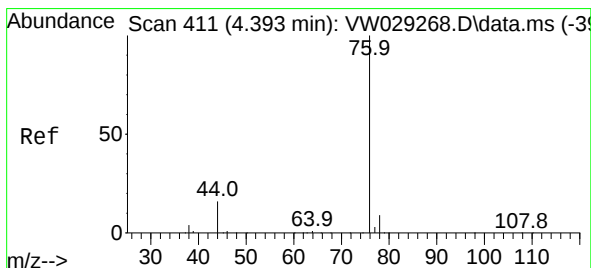
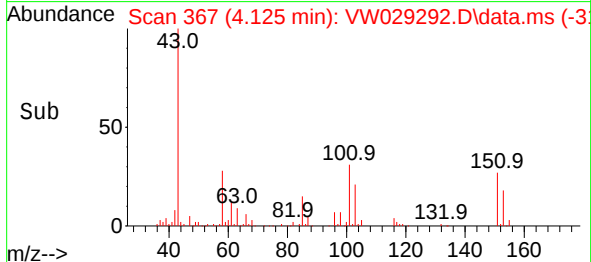
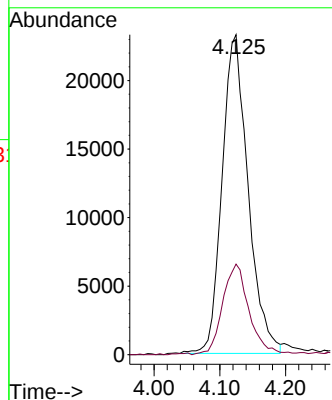
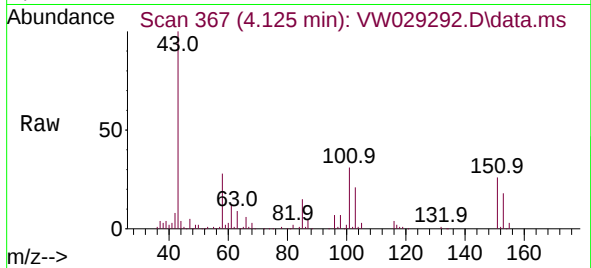




#13
Acetone
Concen: 61.099 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW029292.D
Acq: 21 Jun 2024 09:40

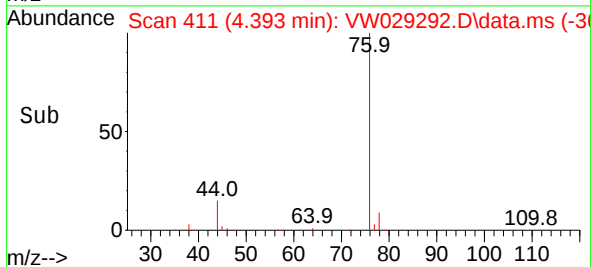
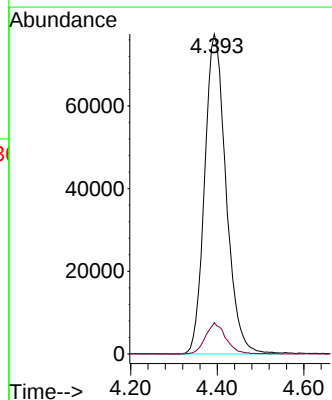
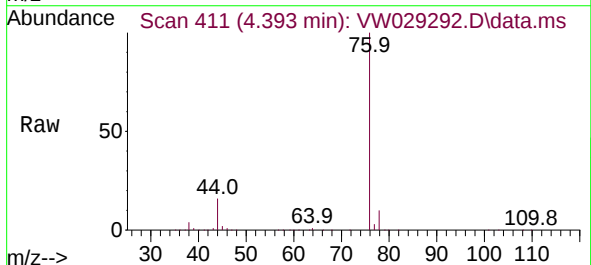
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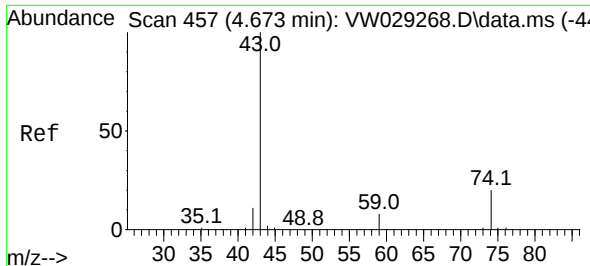
Tgt Ion: 43 Resp: 63916
Ion Ratio Lower Upper
43 100
58 28.7 0.0 61.4



#14
Carbon disulfide
Concen: 23.654 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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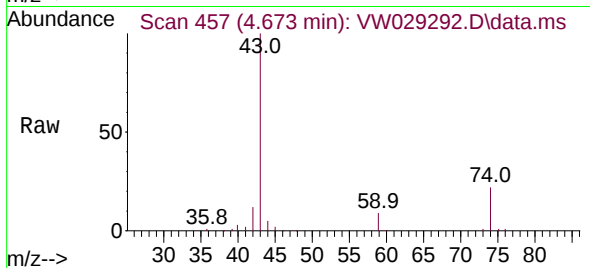
Tgt Ion: 76 Resp: 265965
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8



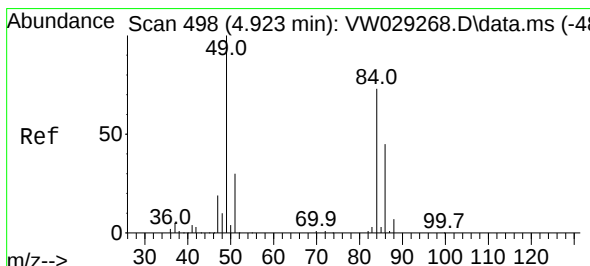
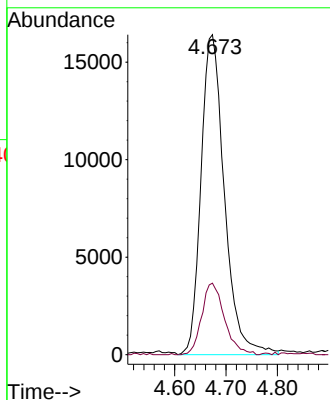
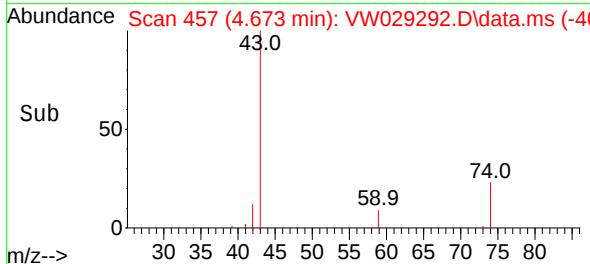


#15
Methyl Acetate
Concen: 24.996 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW029292.D
Acq: 21 Jun 2024 09:40

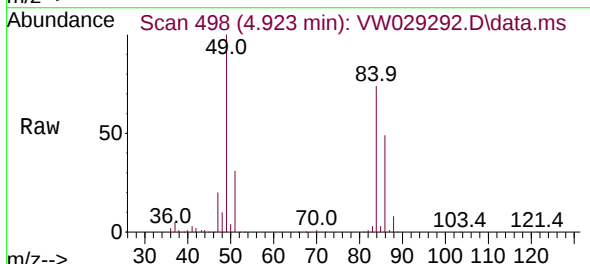
Instrument :
MSVOA_W
ClientSampleId :



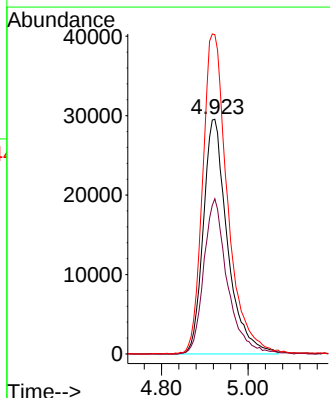
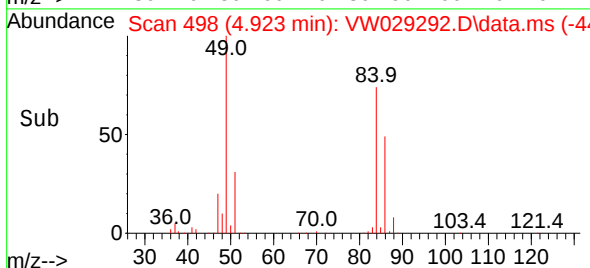
Tgt Ion: 43 Resp: 51911
Ion Ratio Lower Upper
43 100
74 21.6 16.6 25.0

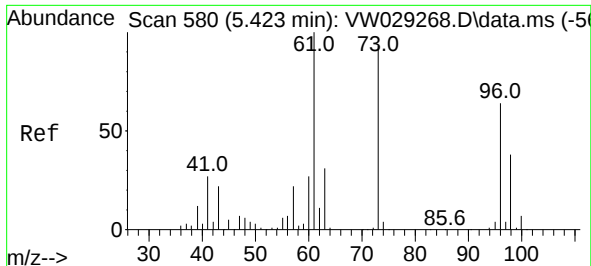


#16
Methylene chloride
Concen: 21.908 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW029292.D
Acq: 21 Jun 2024 09:40



Tgt Ion: 84 Resp: 114510
Ion Ratio Lower Upper
84 100
86 66.1 41.4 77.0
49 136.0 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 25.541 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :

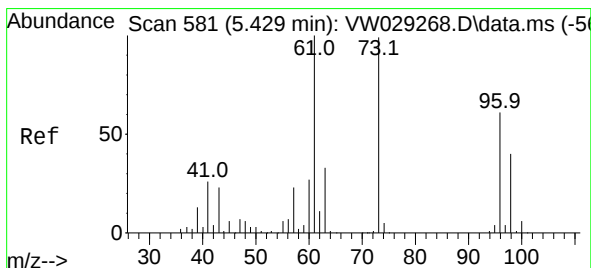
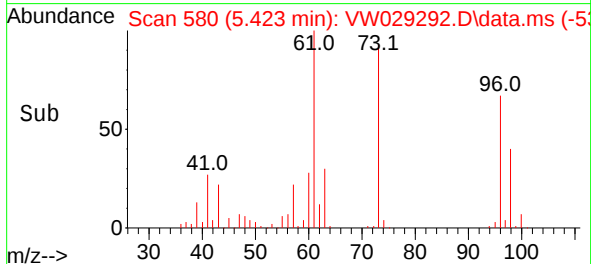
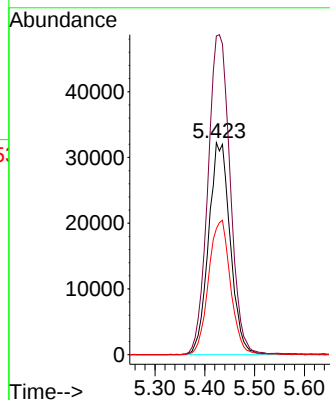
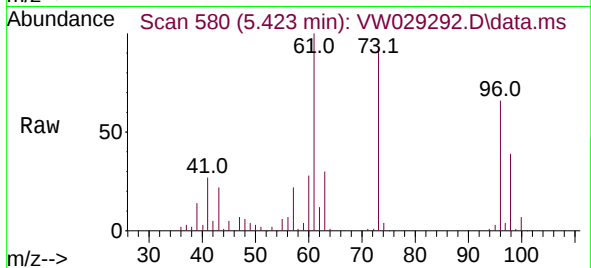
Tgt Ion: 96 Resp: 97697

Ion Ratio Lower Upper

96 100

61 150.4 101.5 188.5

98 59.4 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 26.089 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

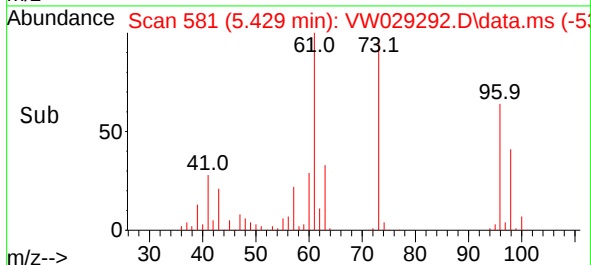
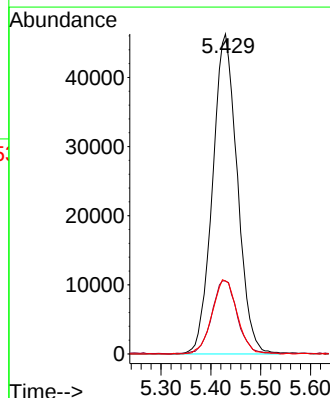
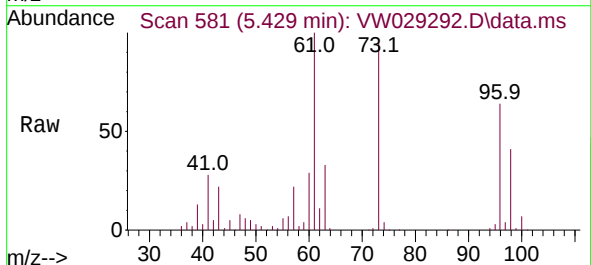
Tgt Ion: 73 Resp: 159656

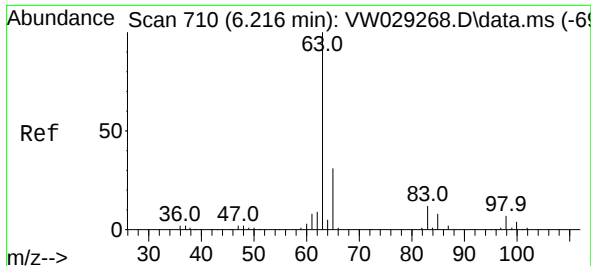
Ion Ratio Lower Upper

73 100

43 23.0 19.5 29.3

57 23.5 18.4 27.6





#19

1,1-Dichloroethane

Concen: 25.074 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :

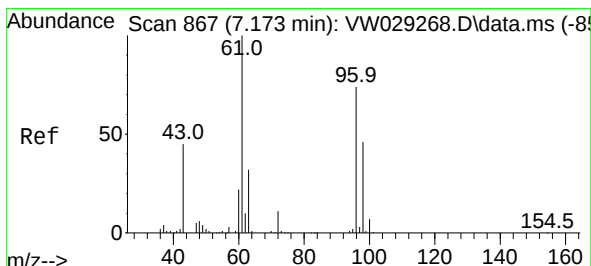
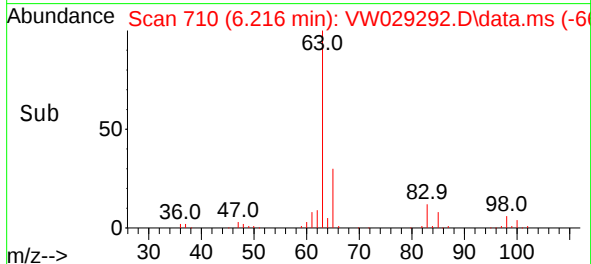
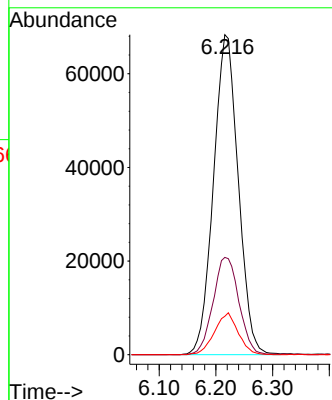
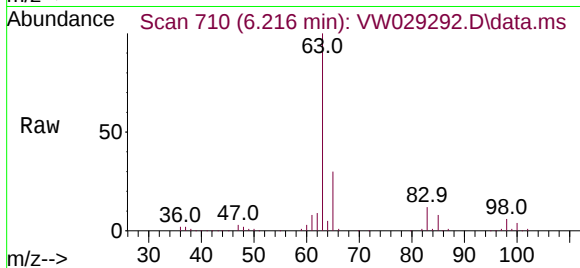
Tgt Ion: 63 Resp: 207142

Ion Ratio Lower Upper

63 100

65 30.4 23.4 43.4

83 12.0 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 25.778 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

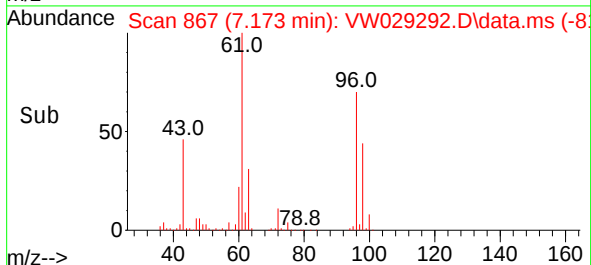
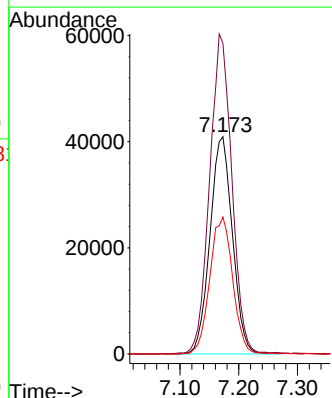
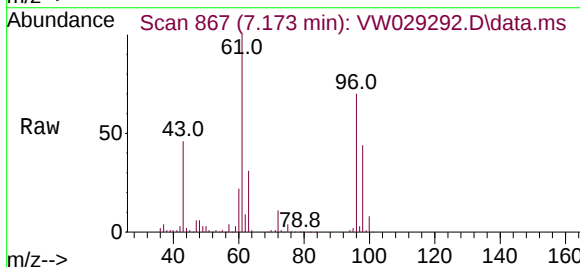
Tgt Ion: 96 Resp: 108733

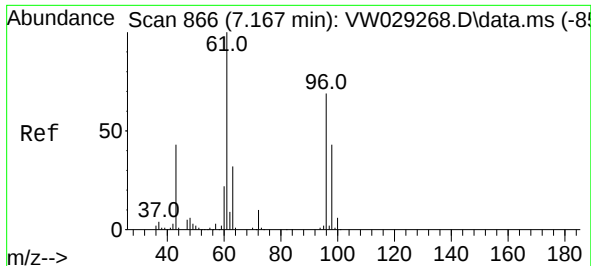
Ion Ratio Lower Upper

96 100

61 142.9 97.8 181.6

98 63.1 43.0 79.8





#22

2-Butanone

Concen: 53.478 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Instrument :

MSVOA_W

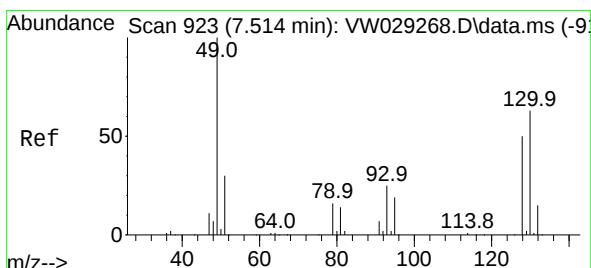
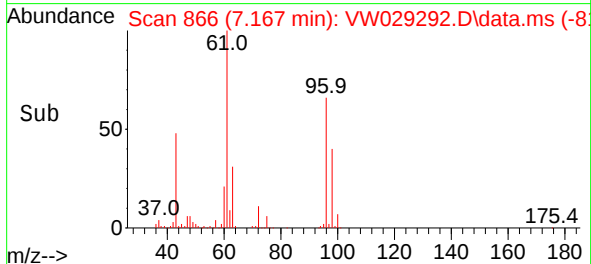
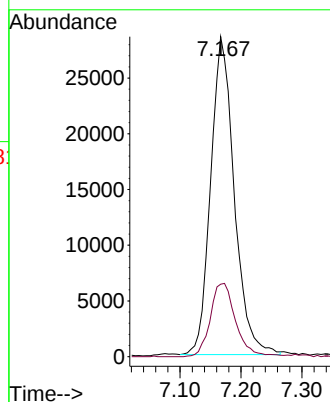
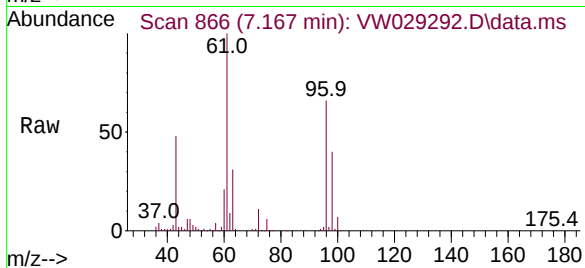
ClientSampleId :

Tgt Ion: 43 Resp: 76687

Ion Ratio Lower Upper

43 100

72 24.4 11.9 35.7



#23

Bromochloromethane

Concen: 25.352 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Tgt Ion: 128 Resp: 47604

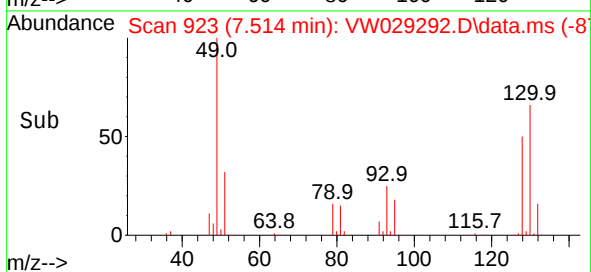
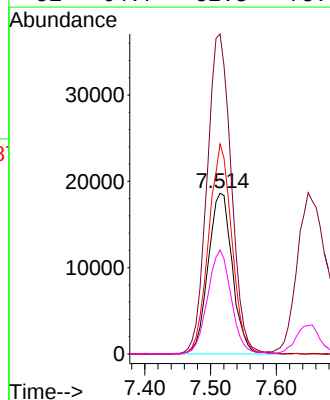
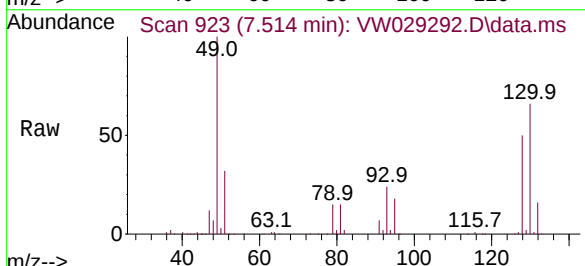
Ion Ratio Lower Upper

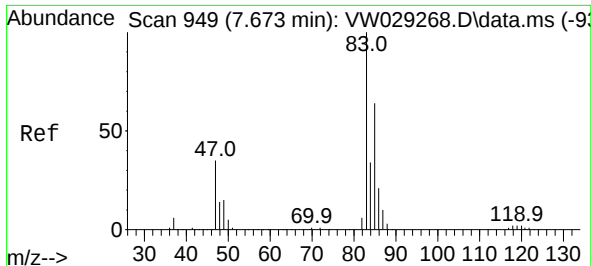
128 100

49 199.2 142.6 264.8

130 130.6 79.7 148.1

51 64.7 52.3 78.5





#25

Chloroform

Concen: 25.166 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Instrument :

MSVOA_W

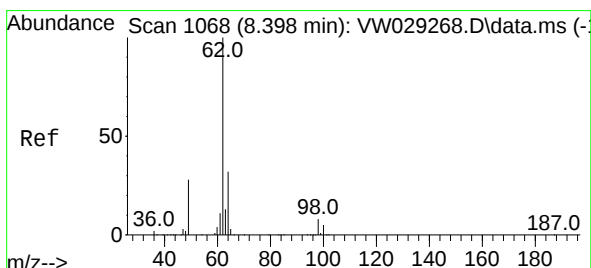
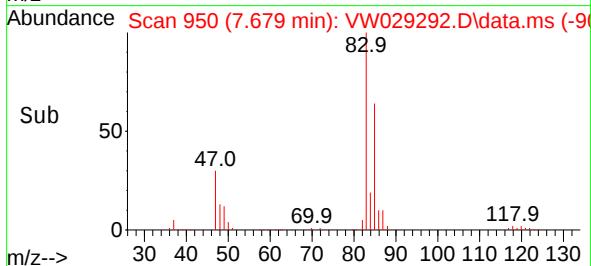
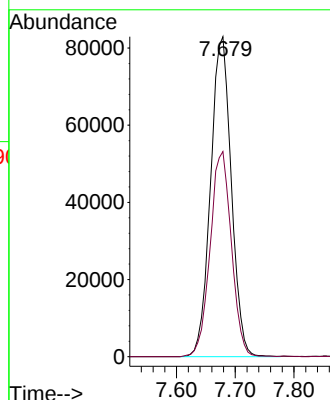
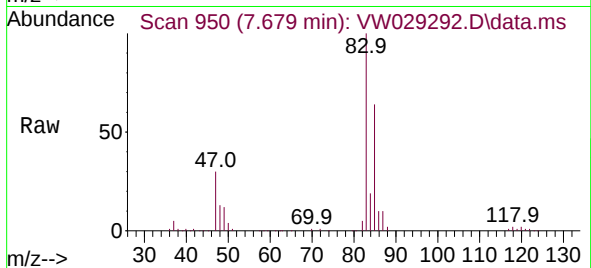
ClientSampleId :

Tgt Ion: 83 Resp: 203017

Ion Ratio Lower Upper

83 100

85 64.1 44.4 82.4



#27

1,2-Dichloroethane

Concen: 24.143 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029292.D

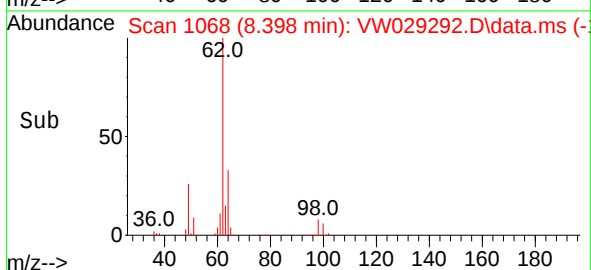
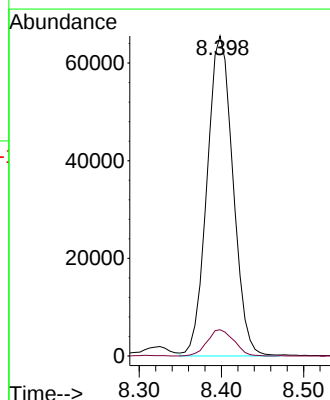
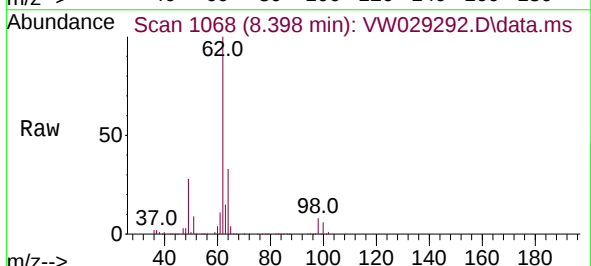
Acq: 21 Jun 2024 09:40

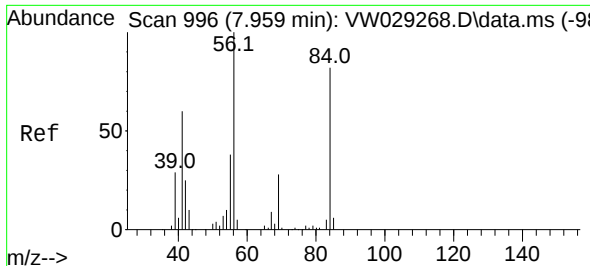
Tgt Ion: 62 Resp: 143644

Ion Ratio Lower Upper

62 100

98 8.2 6.6 10.0





#29

Cyclohexane

Concen: 27.562 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :

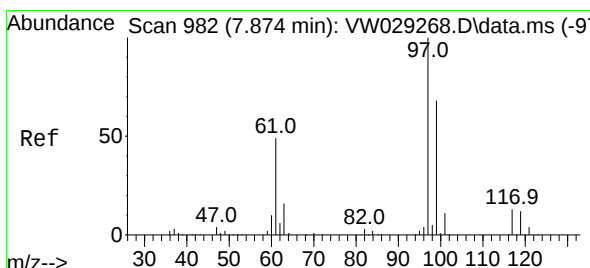
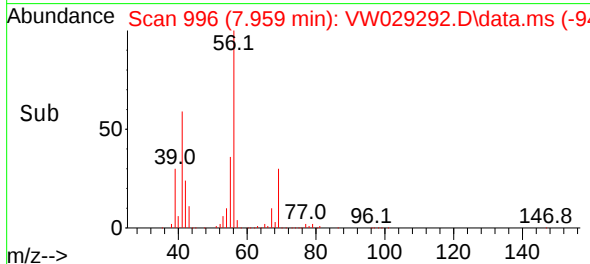
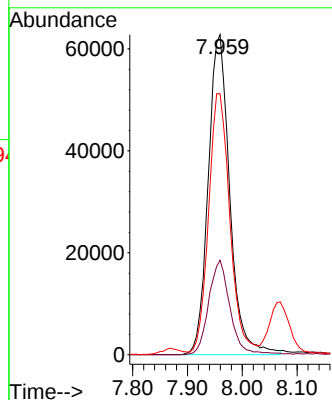
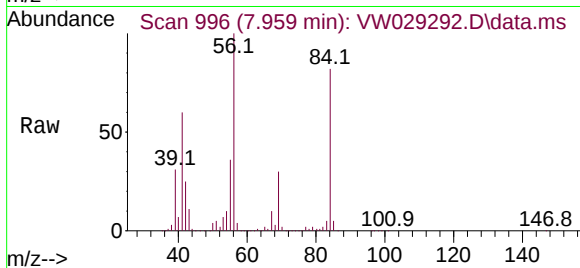
Tgt Ion: 56 Resp: 171242

Ion Ratio Lower Upper

56 100

69 28.5 23.4 35.0

84 79.7 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 25.908 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

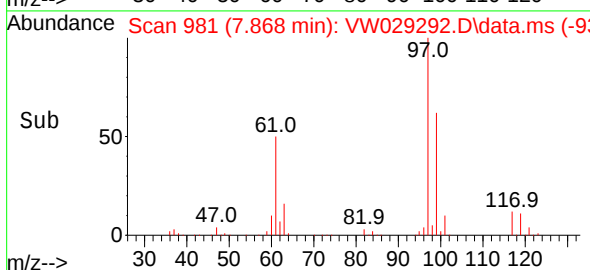
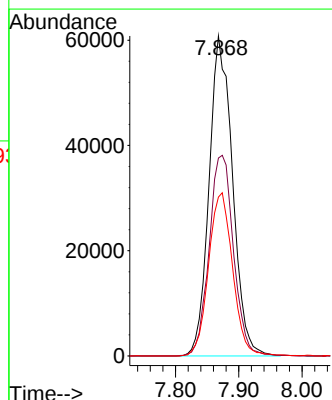
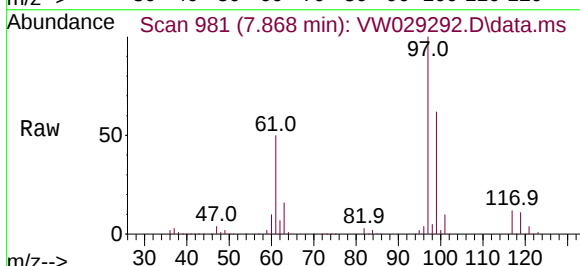
Tgt Ion: 97 Resp: 156569

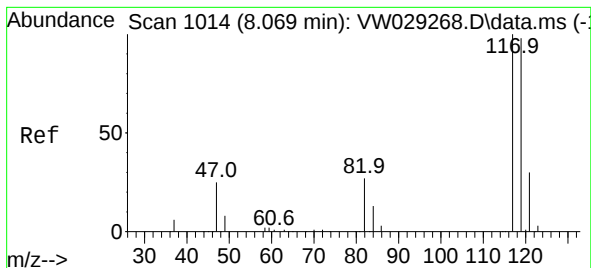
Ion Ratio Lower Upper

97 100

99 65.2 53.0 79.4

61 52.4 43.0 64.4





#31

Carbon tetrachloride

Concen: 25.687 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Instrument :

MSVOA_W

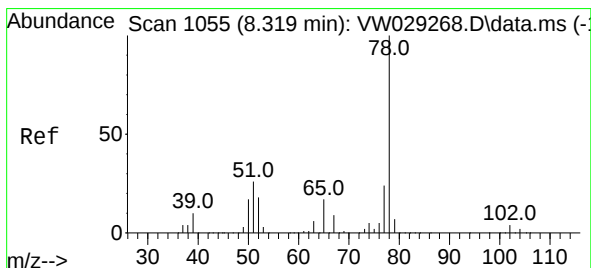
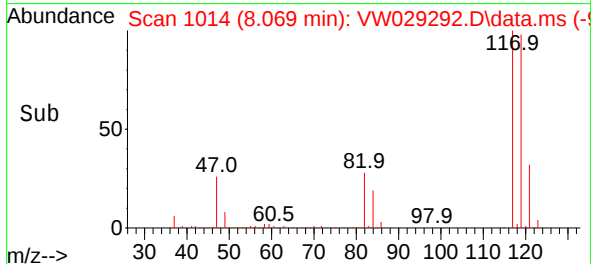
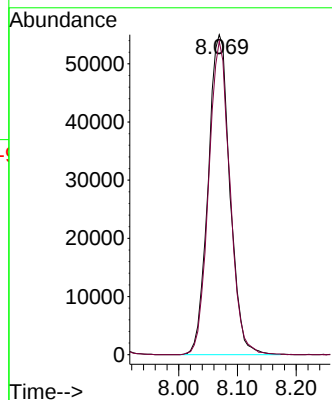
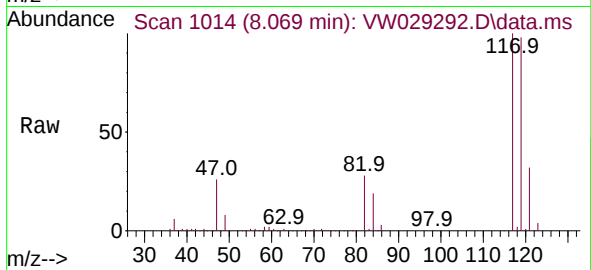
ClientSampleId :

Tgt Ion:117 Resp: 141808

Ion Ratio Lower Upper

117 100

119 95.7 79.0 118.4



#33

Benzene

Concen: 26.640 ug/L

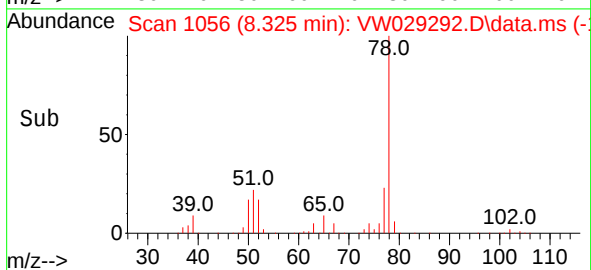
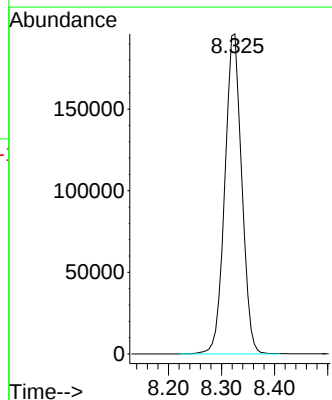
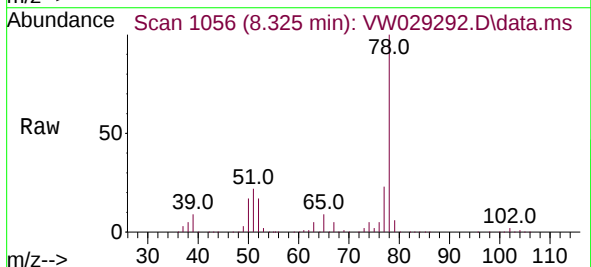
RT: 8.325 min Scan# 1056

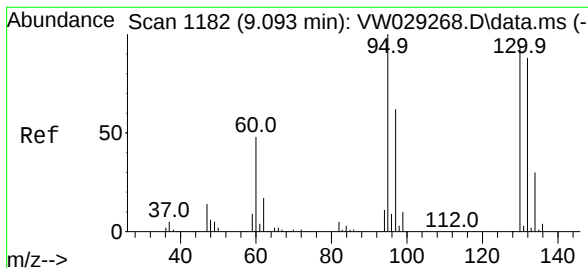
Delta R.T. 0.006 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Tgt Ion: 78 Resp: 435007





#34

Trichloroethene

Concen: 25.394 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 110630

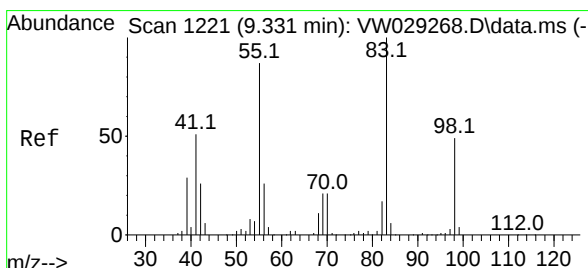
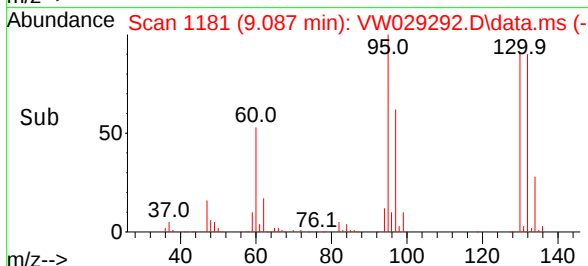
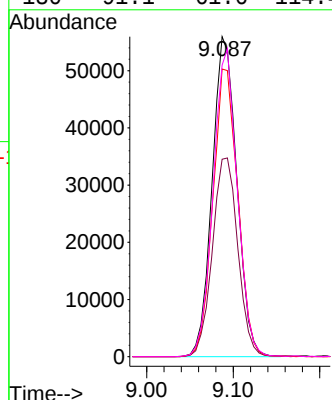
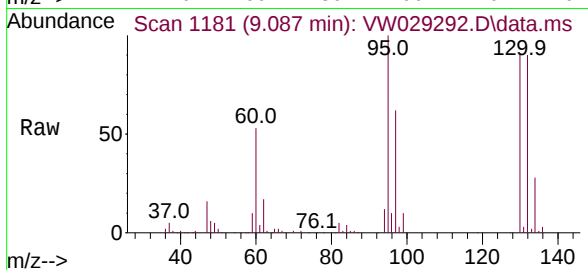
Ion Ratio Lower Upper

95 100

97 61.7 45.7 84.9

132 89.9 66.4 123.4

130 91.1 61.6 114.4



#35

Methylcyclohexane

Concen: 27.190 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

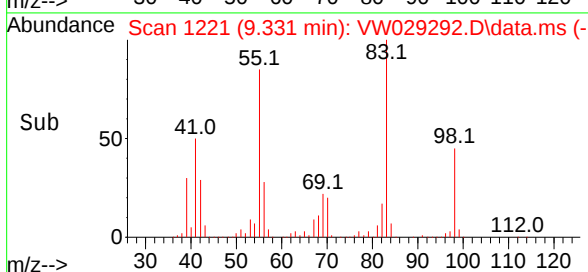
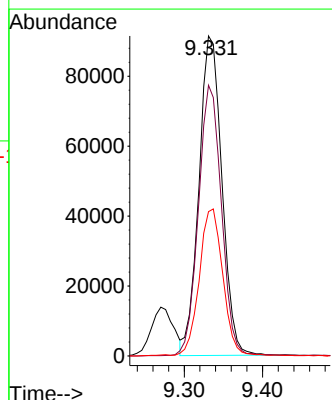
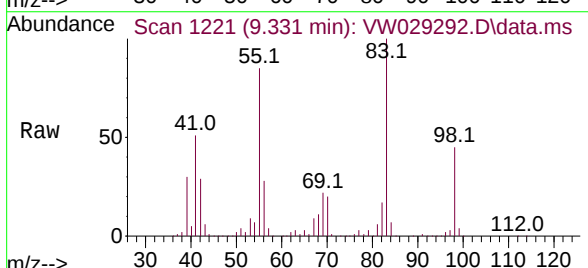
Tgt Ion: 83 Resp: 186292

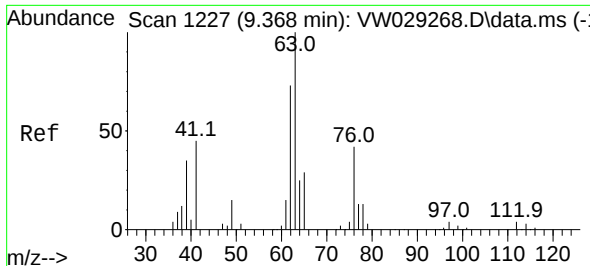
Ion Ratio Lower Upper

83 100

55 85.1 69.5 104.3

98 47.3 38.0 57.0





#37

1,2-Dichloropropane

Concen: 26.217 ug/L

RT: 9.361 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Instrument :

MSVOA_W

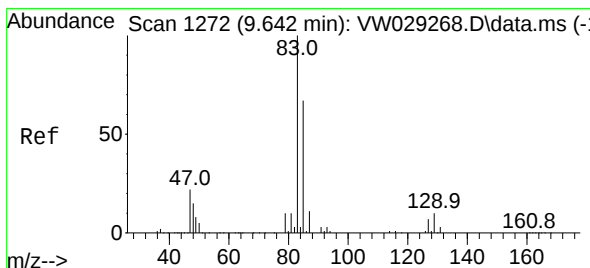
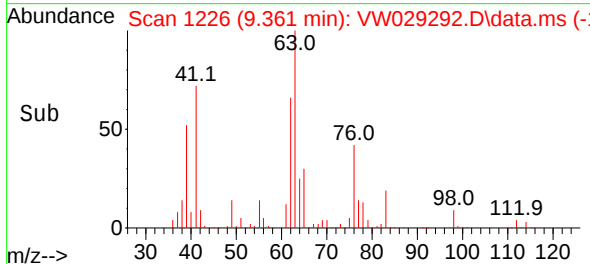
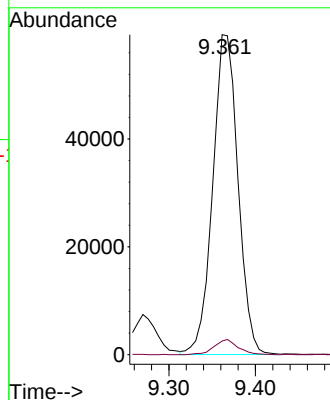
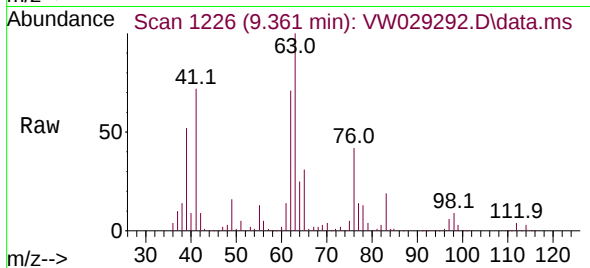
ClientSampleId :

Tgt Ion: 63 Resp: 120297

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.6



#38

Bromodichloromethane

Concen: 25.686 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

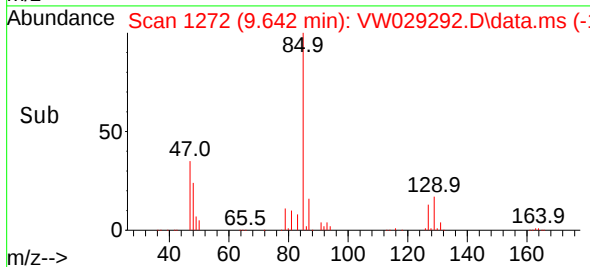
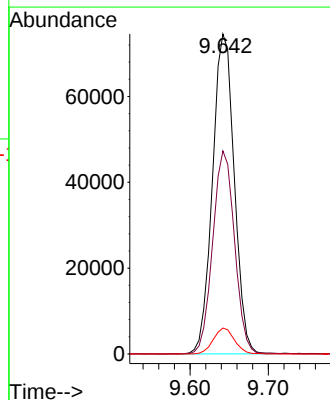
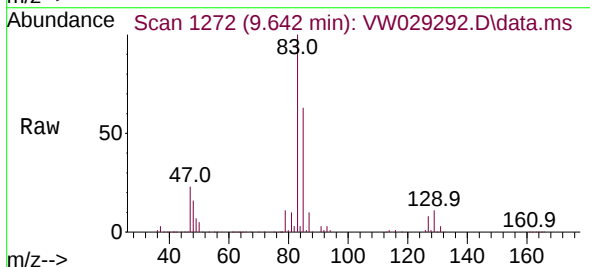
Tgt Ion: 83 Resp: 144100

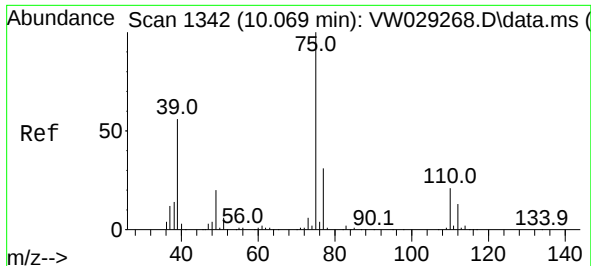
Ion Ratio Lower Upper

83 100

85 63.4 45.1 83.9

127 8.1 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 27.312 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Instrument :

MSVOA_W

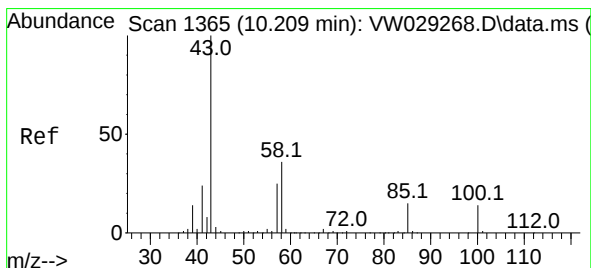
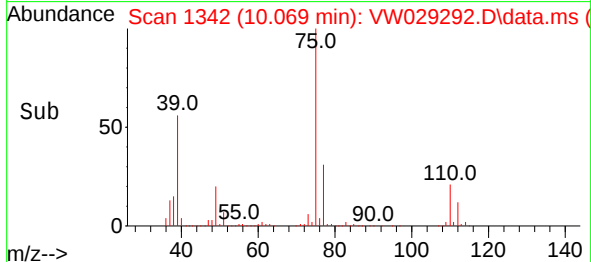
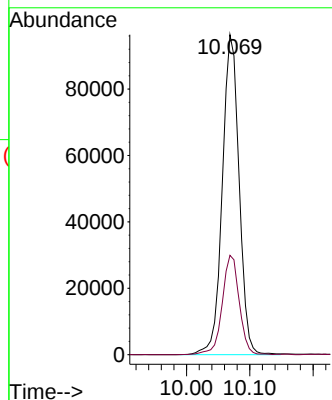
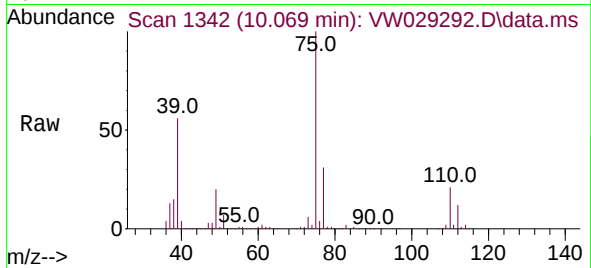
ClientSampleId :

Tgt Ion: 75 Resp: 177151

Ion Ratio Lower Upper

75 100

77 31.1 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 52.507 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

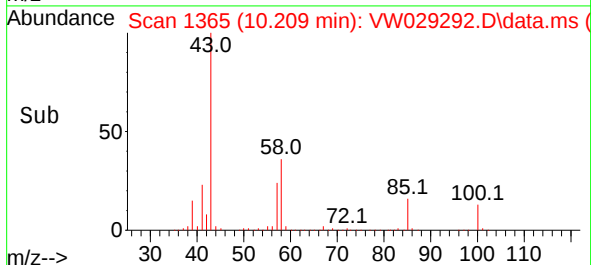
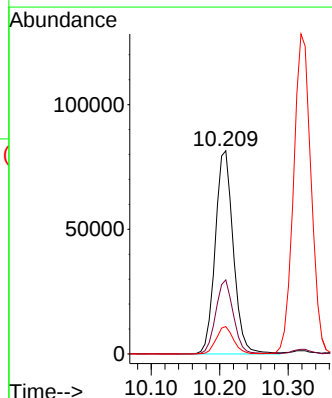
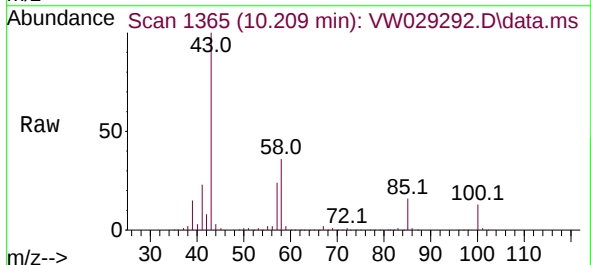
Tgt Ion: 43 Resp: 149326

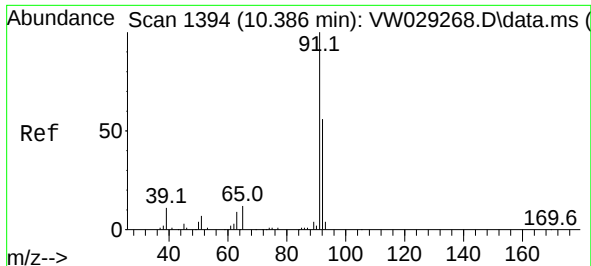
Ion Ratio Lower Upper

43 100

58 35.7 28.2 42.4

100 12.9 11.0 16.4





#42

Toluene

Concen: 27.037 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Instrument :

MSVOA_W

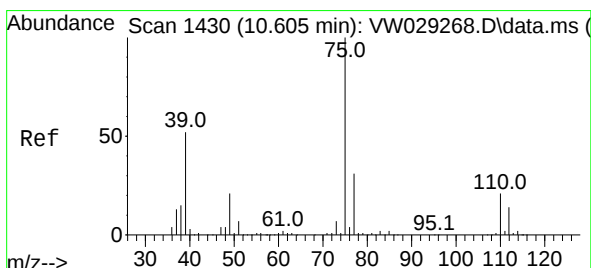
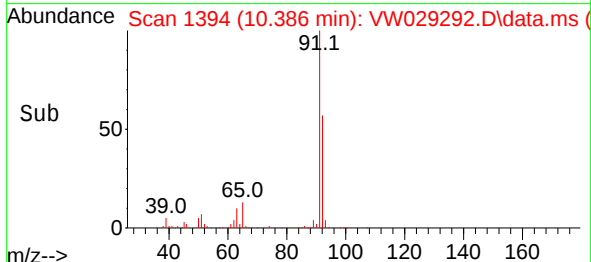
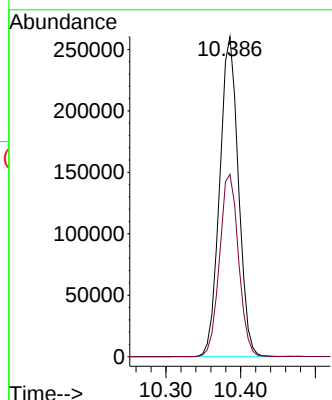
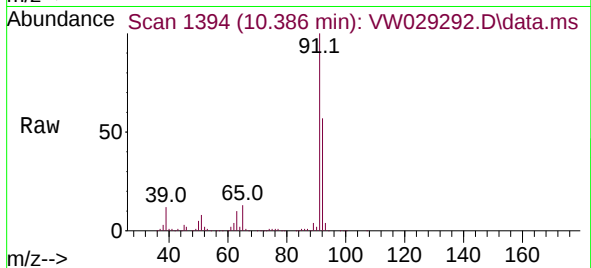
ClientSampleId :

Tgt Ion: 91 Resp: 453868

Ion Ratio Lower Upper

91 100

92 56.9 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 26.670 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029292.D

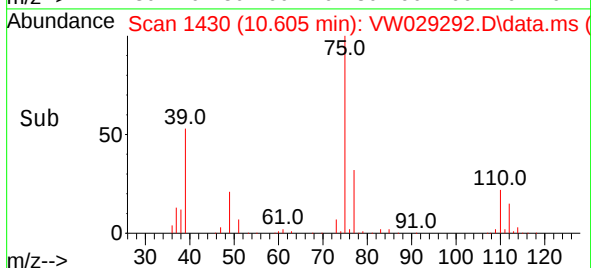
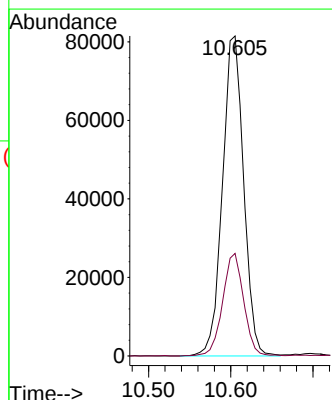
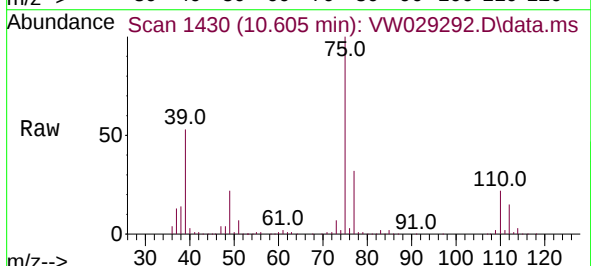
Acq: 21 Jun 2024 09:40

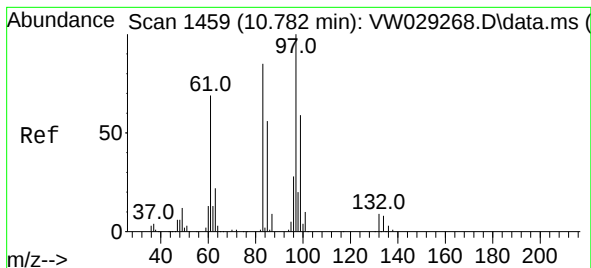
Tgt Ion: 75 Resp: 146062

Ion Ratio Lower Upper

75 100

77 32.1 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 25.915 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 82817

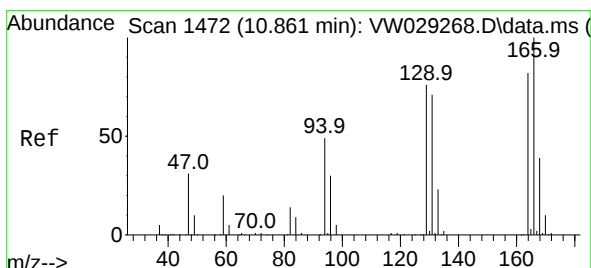
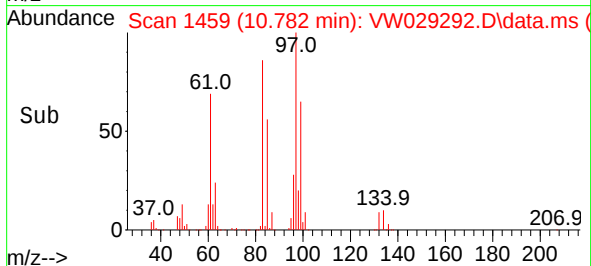
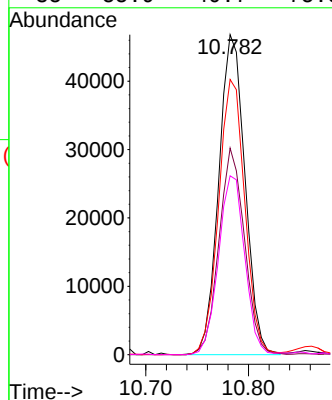
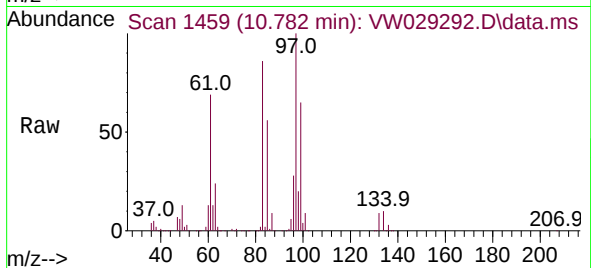
Ion Ratio Lower Upper

97 100

99 64.6 42.3 78.5

83 86.0 57.7 107.1

85 55.9 40.7 75.5



#46

Tetrachloroethene

Concen: 25.835 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Tgt Ion:164 Resp: 78677

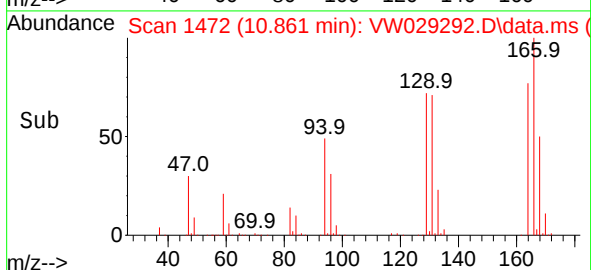
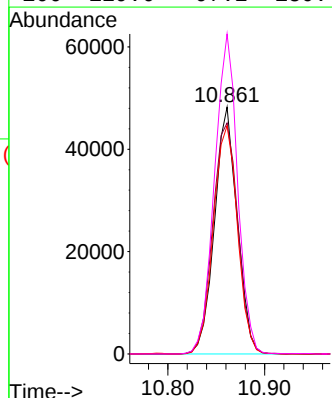
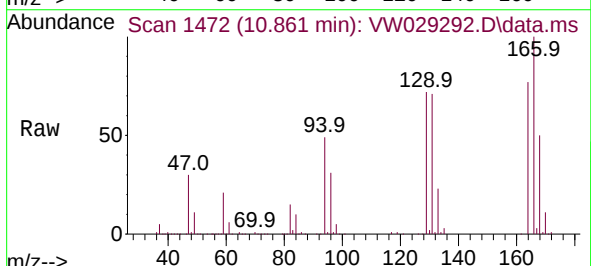
Ion Ratio Lower Upper

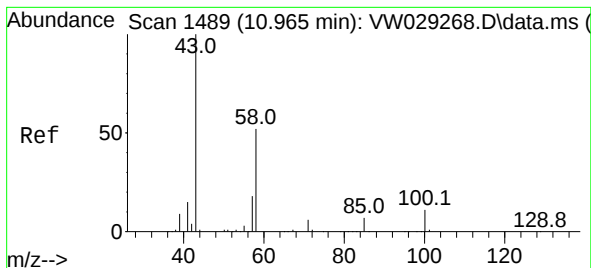
164 100

129 93.6 68.5 127.3

131 92.4 71.8 133.4

166 129.6 97.2 180.4

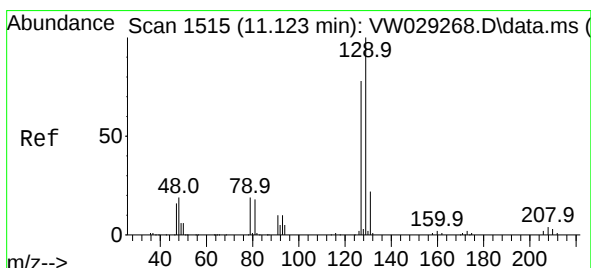
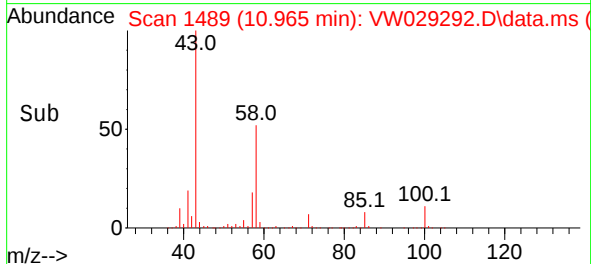
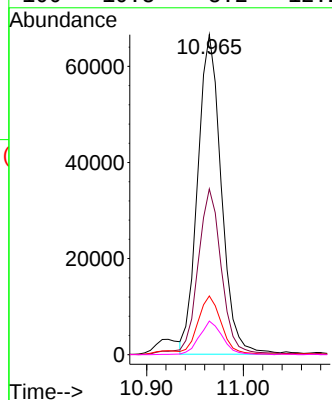
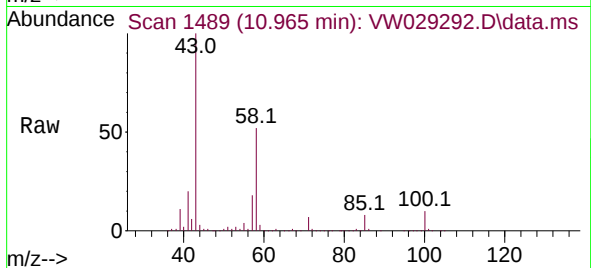




#48
2-Hexanone
Concen: 56.069 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029292.D
Acq: 21 Jun 2024 09:40

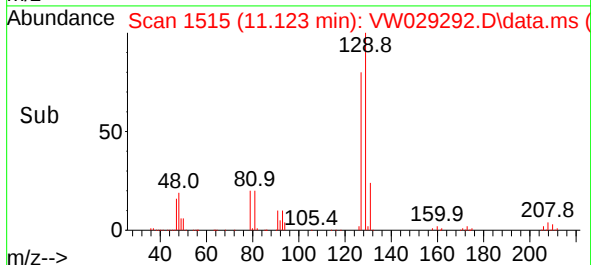
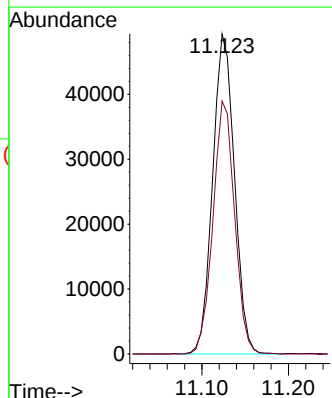
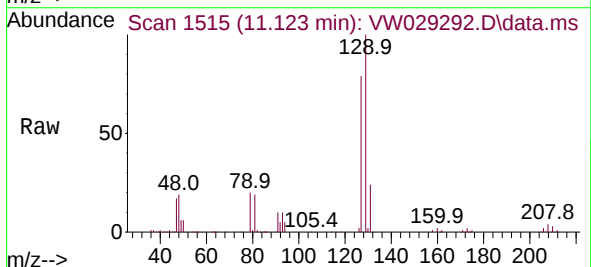
Instrument :
MSVOA_W
ClientSampleId :

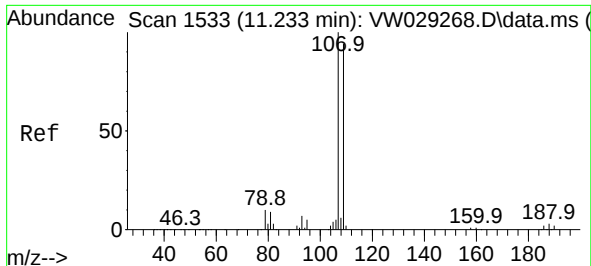
Tgt Ion: 43 Resp: 113147
Ion Ratio Lower Upper
43 100
58 52.4 39.6 59.4
57 18.3 14.6 21.8
100 10.3 8.2 12.2



#49
Dibromochloromethane
Concen: 25.795 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW029292.D
Acq: 21 Jun 2024 09:40

Tgt Ion:129 Resp: 86169
Ion Ratio Lower Upper
129 100
127 79.0 54.8 101.8





#50

1,2-Dibromoethane

Concen: 26.081 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

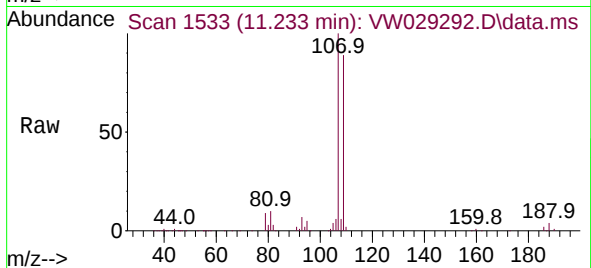
Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

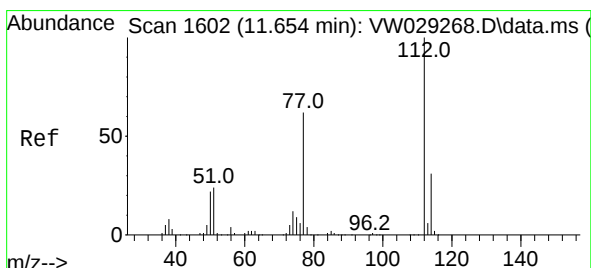
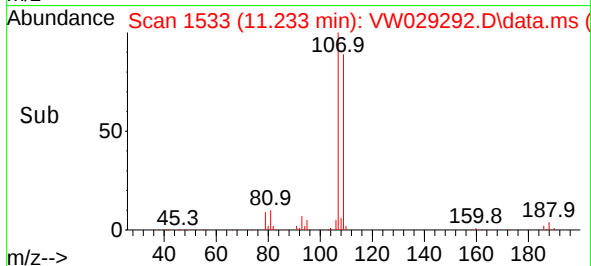
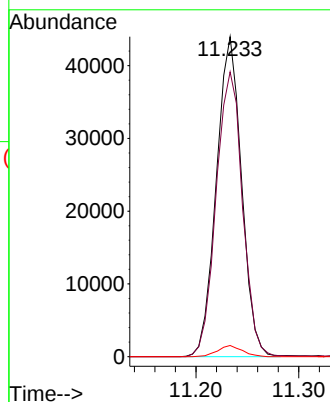
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	74816
Ion	Ratio	Lower	Upper
107	100		
109	89.0	65.5	121.6
188	3.5	2.6	4.0



#51

Chlorobenzene

Concen: 26.349 ug/L

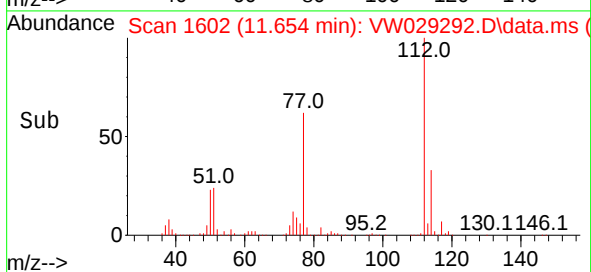
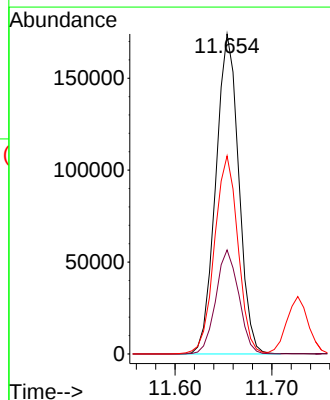
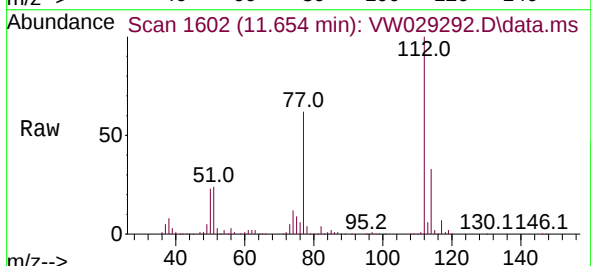
RT: 11.654 min Scan# 1602

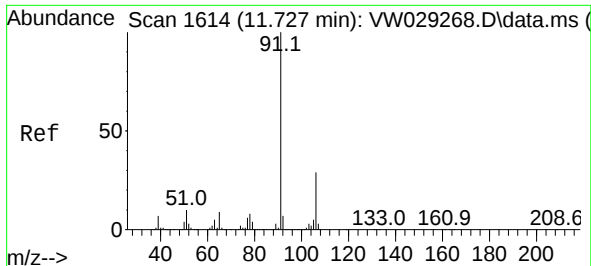
Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Tgt Ion:	112	Resp:	287235
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.6	42.0
77	61.9	51.0	76.6





#52

Ethylbenzene

Concen: 27.943 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Instrument :

MSVOA_W

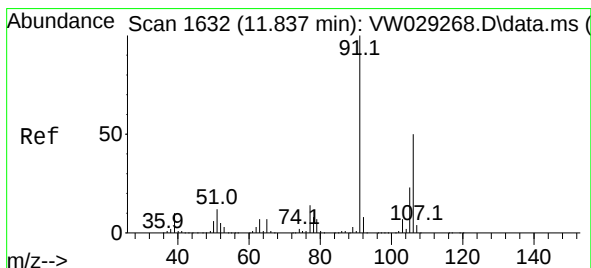
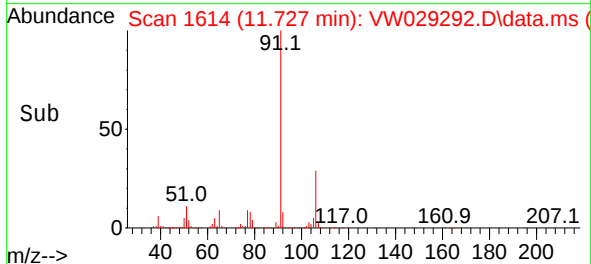
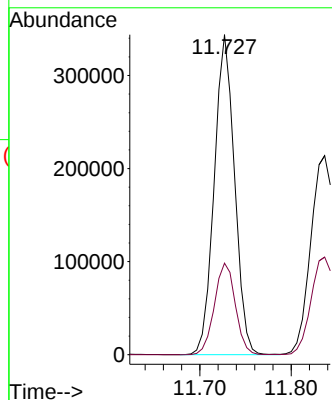
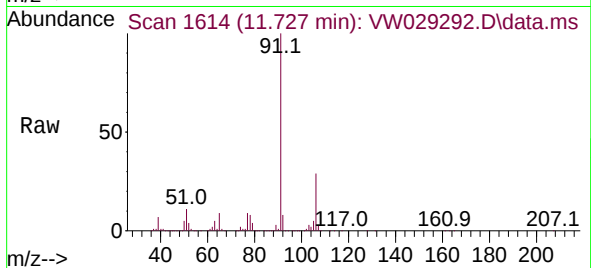
ClientSampleId :

Tgt Ion: 91 Resp: 532458

Ion Ratio Lower Upper

91 100

106 28.6 19.9 37.0



#53

m,p-Xylene

Concen: 28.488 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029292.D

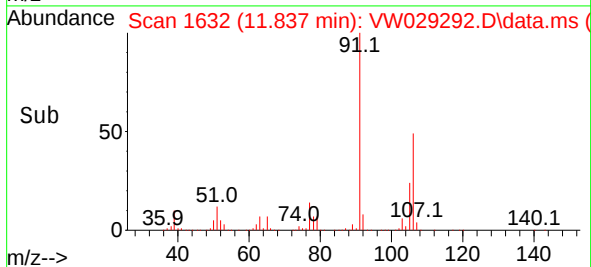
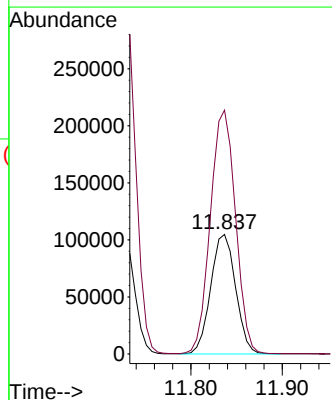
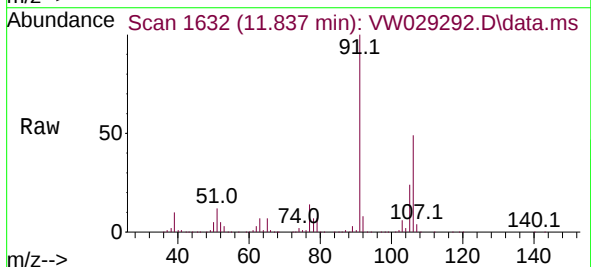
Acq: 21 Jun 2024 09:40

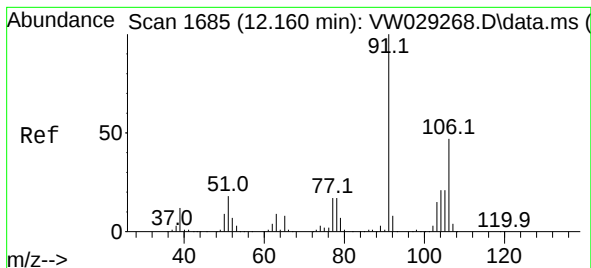
Tgt Ion:106 Resp: 198283

Ion Ratio Lower Upper

106 100

91 204.0 140.5 260.9





#54

o-Xylene

Concen: 28.036 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Instrument :

MSVOA_W

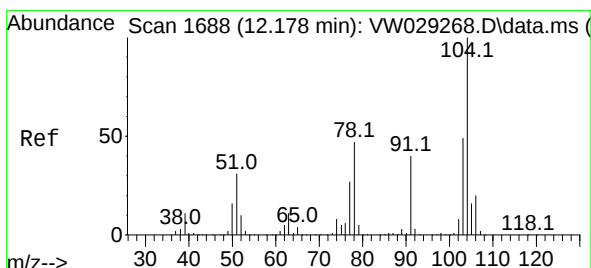
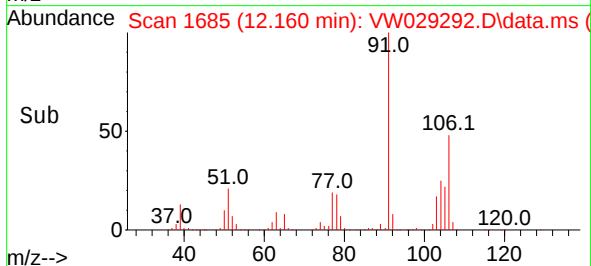
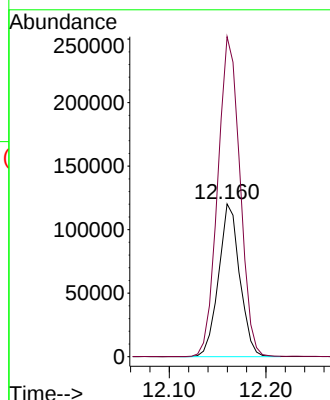
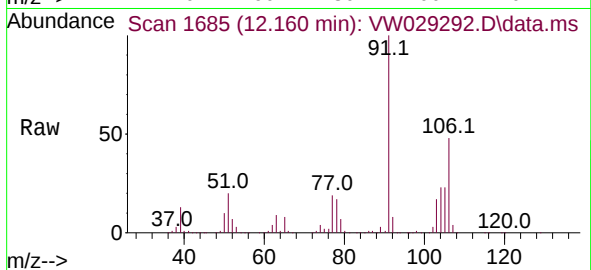
ClientSampleId :

Tgt Ion:106 Resp: 182375

Ion Ratio Lower Upper

106 100

91 209.5 149.9 278.5



#55

Styrene

Concen: 28.681 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029292.D

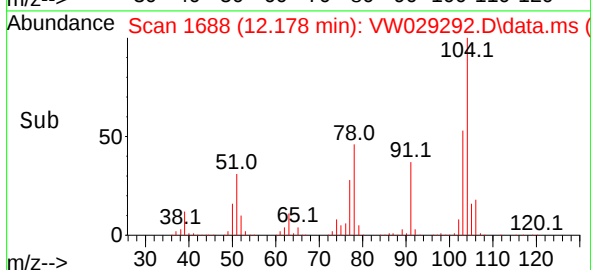
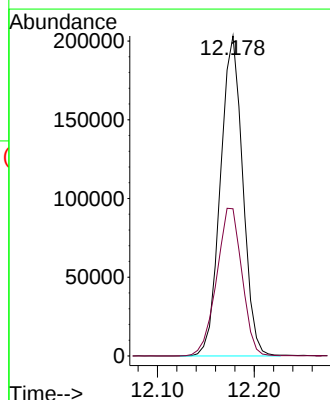
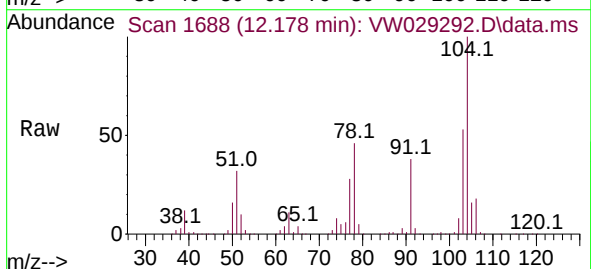
Acq: 21 Jun 2024 09:40

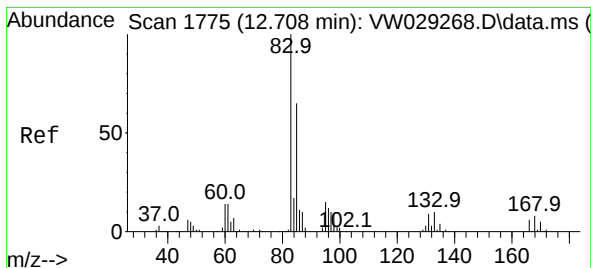
Tgt Ion:104 Resp: 325298

Ion Ratio Lower Upper

104 100

78 46.0 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 25.536 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :

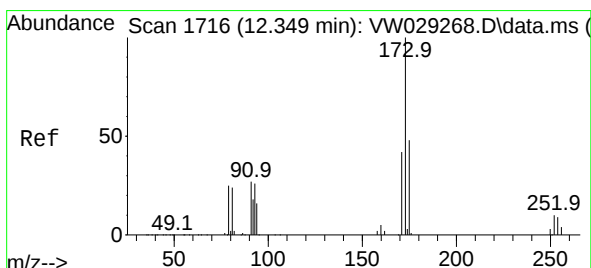
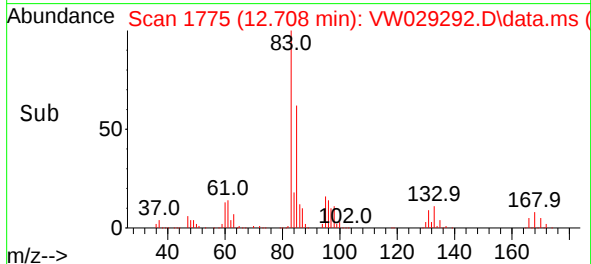
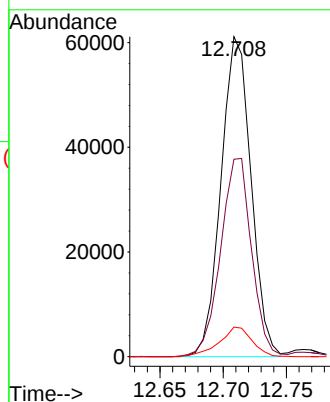
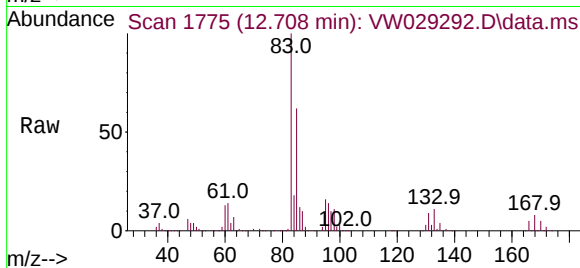
Tgt Ion: 83 Resp: 100942

Ion Ratio Lower Upper

83 100

85 61.7 45.8 85.0

131 9.3 7.8 11.6



#59

Bromoform

Concen: 24.944 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

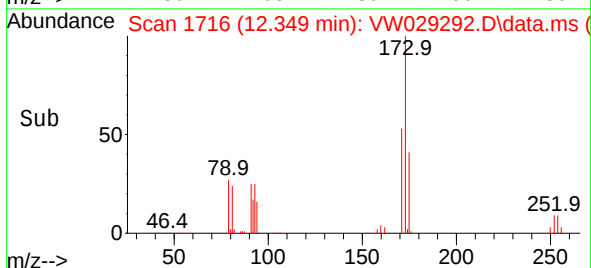
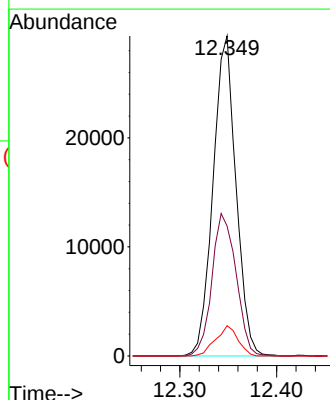
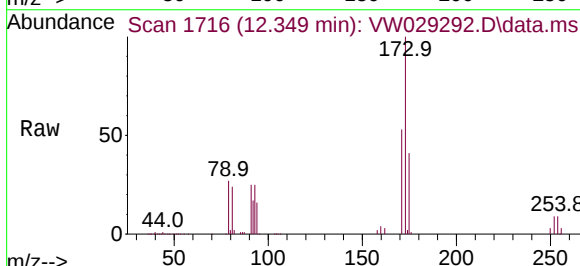
Tgt Ion:173 Resp: 48280

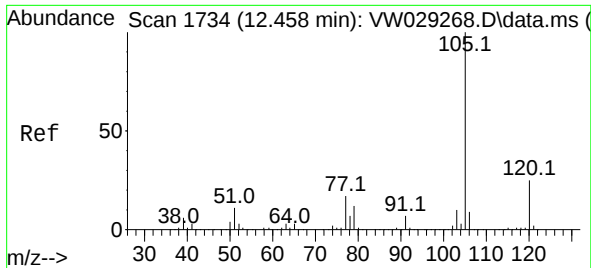
Ion Ratio Lower Upper

173 100

175 46.8 37.8 56.8

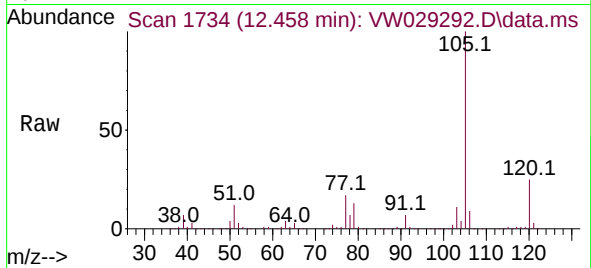
254 9.2 7.8 11.6



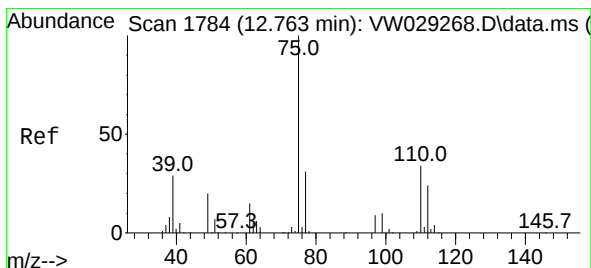
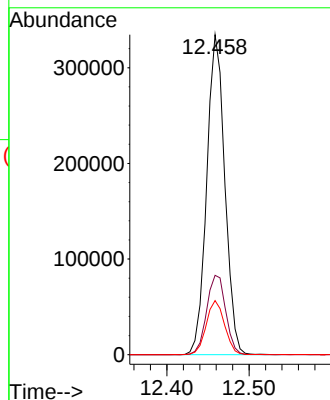
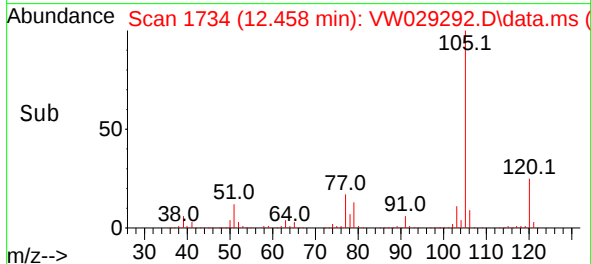


#60
Isopropylbenzene
Concen: 27.199 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW029292.D
Acq: 21 Jun 2024 09:40

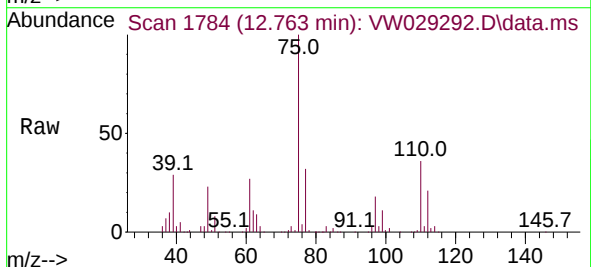
Instrument :
MSVOA_W
ClientSampleId :



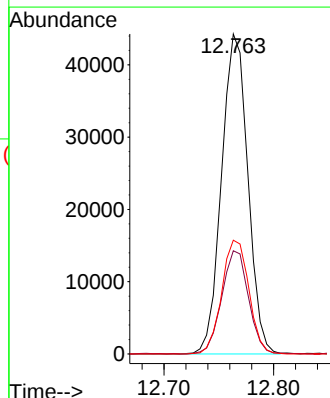
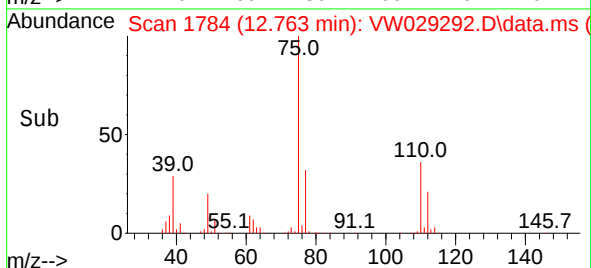
Tgt Ion:105 Resp: 511822
Ion Ratio Lower Upper
105 100
120 26.0 20.5 30.7
77 17.1 13.6 20.4

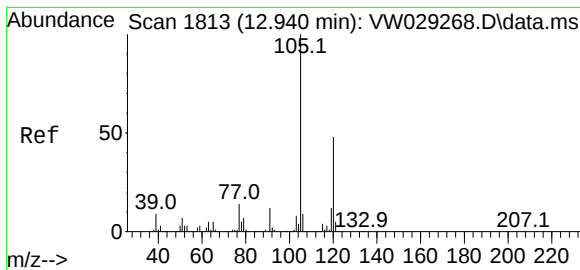


#61
1,2,3-Trichloropropane
Concen: 23.947 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW029292.D
Acq: 21 Jun 2024 09:40



Tgt Ion: 75 Resp: 73764
Ion Ratio Lower Upper
75 100
77 33.0 26.6 39.8
110 36.6 29.5 44.3

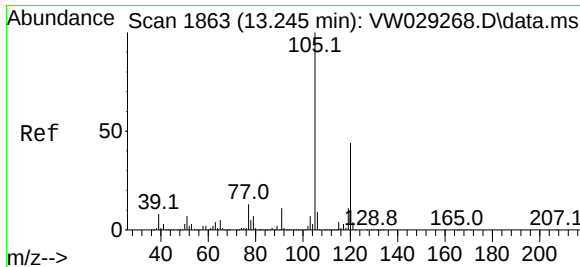
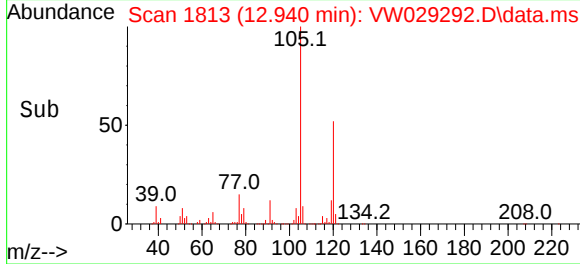
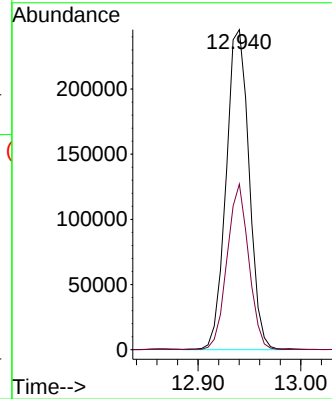
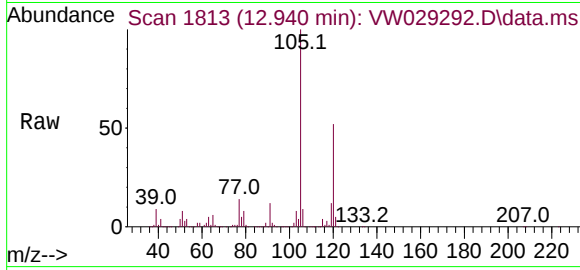




#62
 1,3,5-Trimethylbenzene
 Concen: 27.985 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW029292.D
 Acq: 21 Jun 2024 09:40

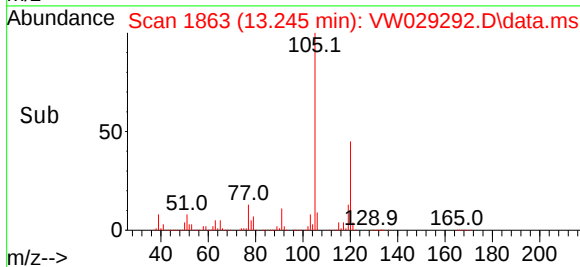
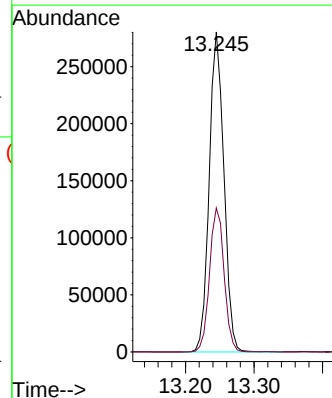
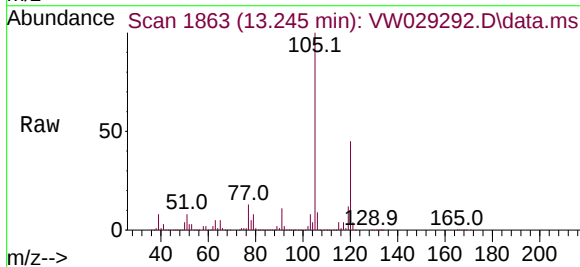
Instrument :
 MSVOA_W
 ClientSampleId :

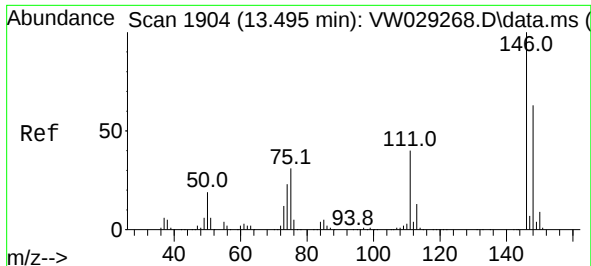
Tgt Ion:105 Resp: 381387
 Ion Ratio Lower Upper
 105 100
 120 48.7 36.4 54.6



#63
 1,2,4-Trimethylbenzene
 Concen: 28.523 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW029292.D
 Acq: 21 Jun 2024 09:40

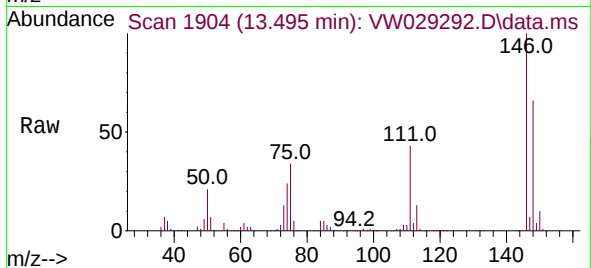
Tgt Ion:105 Resp: 418237
 Ion Ratio Lower Upper
 105 100
 120 44.7 34.9 52.3



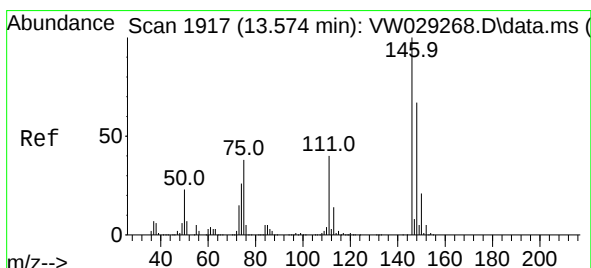
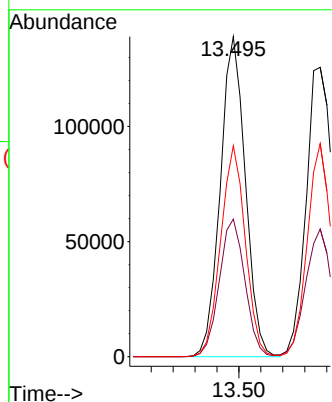
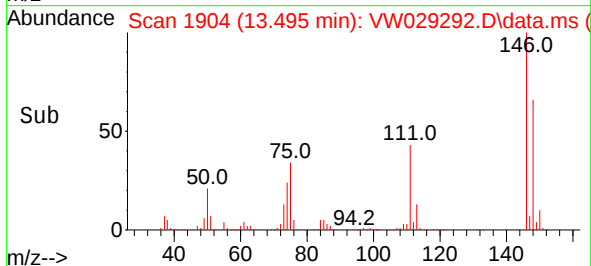


#64
1,3-Dichlorobenzene
Concen: 27.139 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029292.D
Acq: 21 Jun 2024 09:40

Instrument :
MSVOA_W
ClientSampleId :

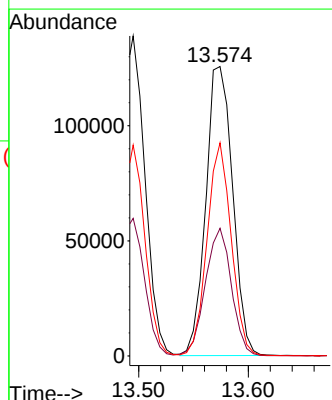
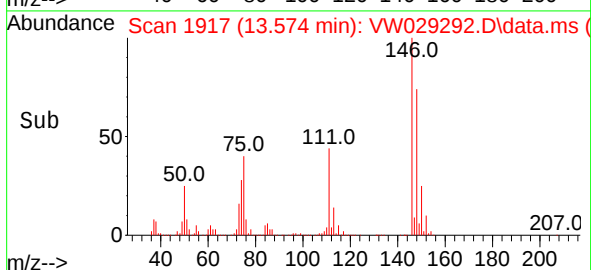
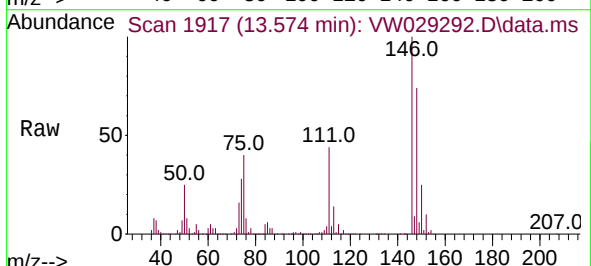


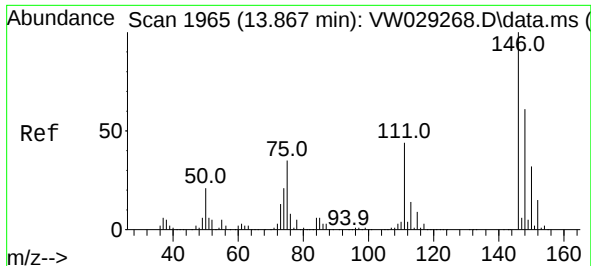
Tgt Ion:146 Resp: 220997
Ion Ratio Lower Upper
146 100
111 43.0 33.0 61.2
148 65.9 47.5 88.1



#65
1,4-Dichlorobenzene
Concen: 24.695 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029292.D
Acq: 21 Jun 2024 09:40

Tgt Ion:146 Resp: 213967
Ion Ratio Lower Upper
146 100
111 44.1 28.9 53.7
148 73.7 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 26.642 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. -0.006 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :

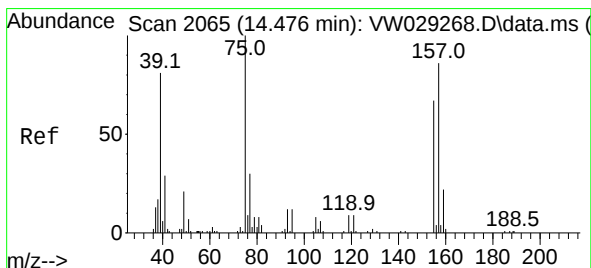
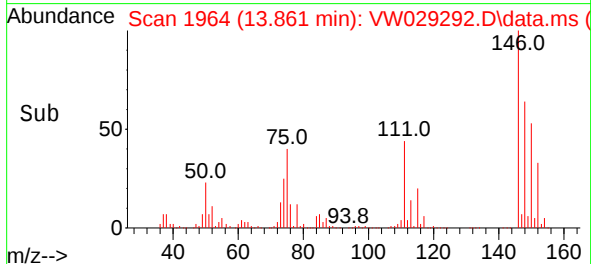
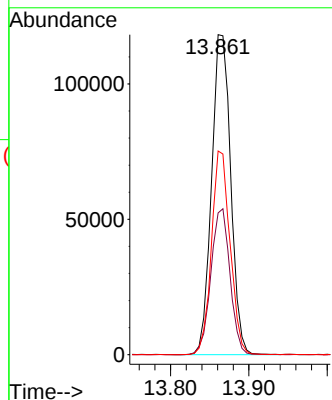
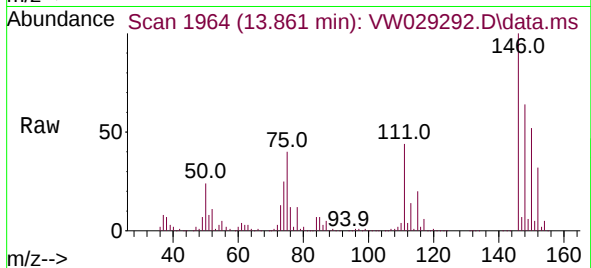
Tgt Ion:146 Resp: 200566

Ion Ratio Lower Upper

146 100

111 44.3 34.2 51.4

148 63.6 46.3 69.5



#68

1,2-Dibromo-3-chloropropane

Concen: 22.630 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

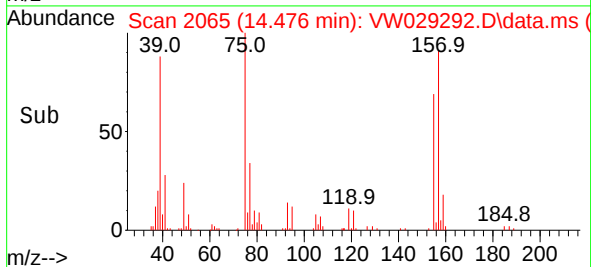
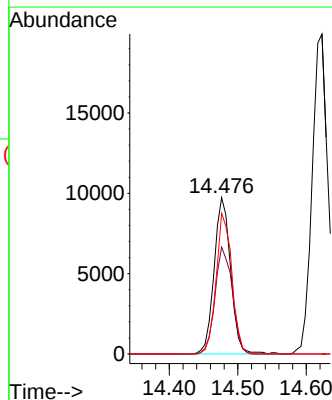
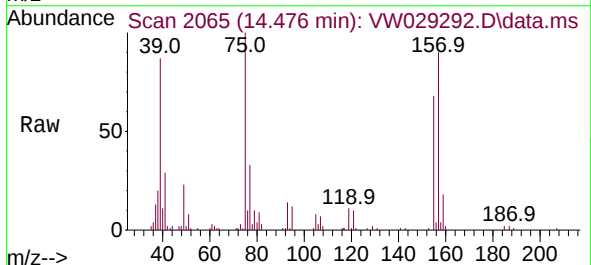
Tgt Ion: 75 Resp: 16267

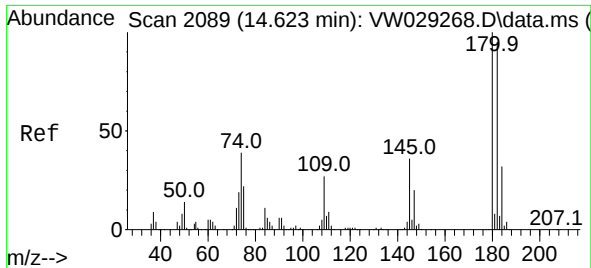
Ion Ratio Lower Upper

75 100

155 68.3 51.0 76.6

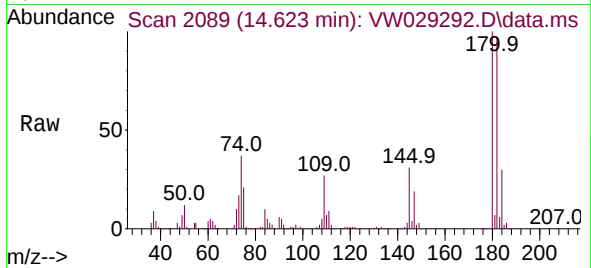
157 89.9 58.8 88.2#



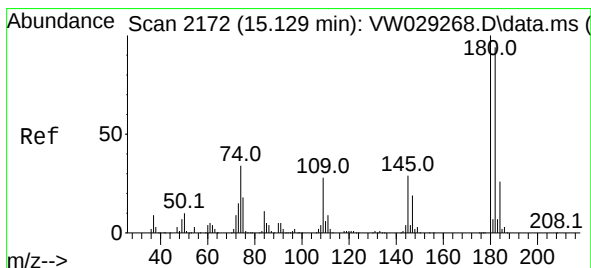
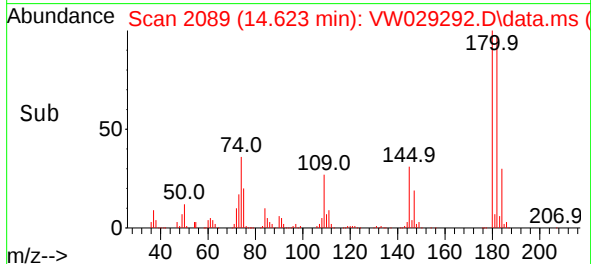
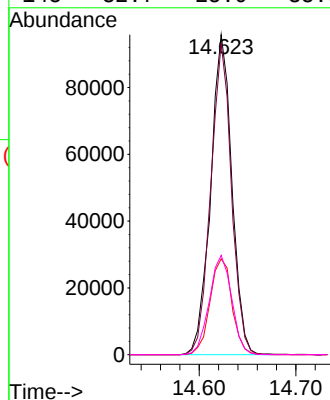


#69
1,3,5-Trichlorobenzene
Concen: 26.608 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW029292.D
Acq: 21 Jun 2024 09:40

Instrument :
MSVOA_W
ClientSampleId :

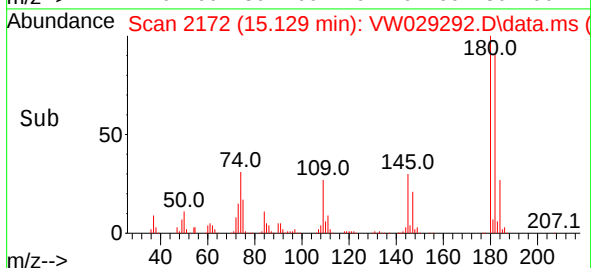
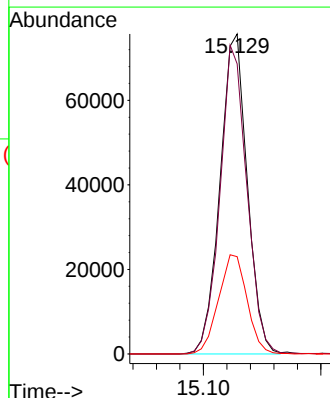
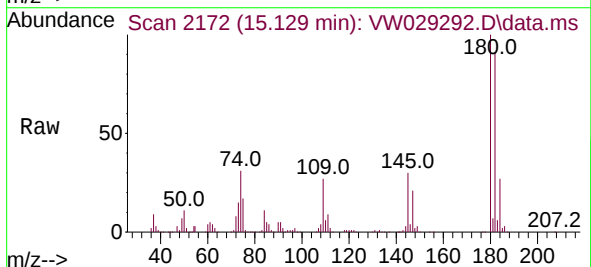


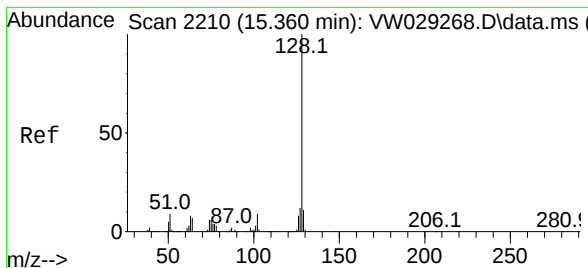
Tgt Ion:180 Resp: 146236
Ion Ratio Lower Upper
180 100
182 94.5 72.9 109.3
184 31.0 23.8 35.6
145 32.7 25.9 38.9



#70
1,2,4-trichlorobenzene
Concen: 27.368 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW029292.D
Acq: 21 Jun 2024 09:40

Tgt Ion:180 Resp: 121931
Ion Ratio Lower Upper
180 100
182 95.1 77.7 116.5
145 32.4 25.7 38.5





#71

Naphthalene

Concen: 27.652 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :

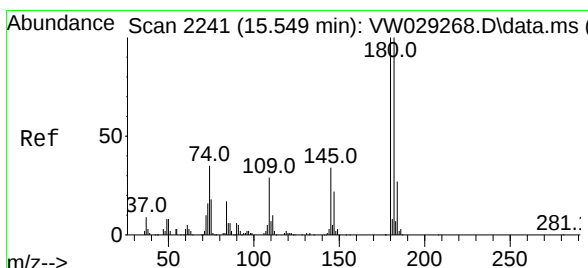
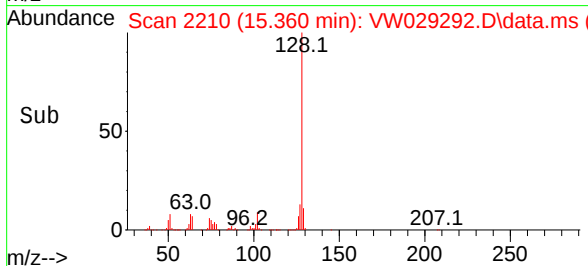
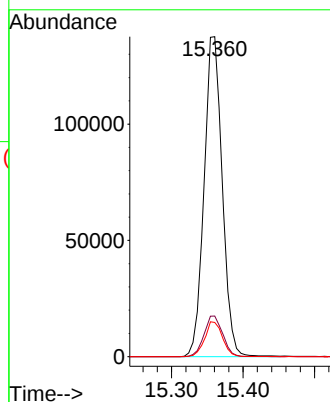
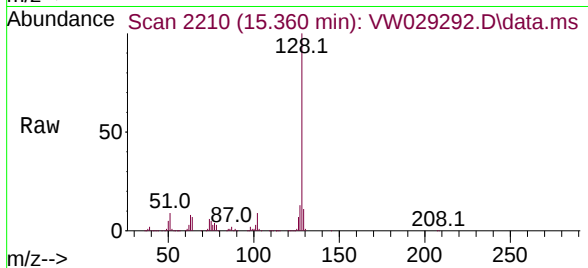
Tgt Ion:128 Resp: 243146

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.7 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 26.531 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW029292.D

Acq: 21 Jun 2024 09:40

Tgt Ion:180 Resp: 107699

Ion Ratio Lower Upper

180 100

182 97.3 73.0 109.6

145 35.4 28.1 42.1

