

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062124\
 Data File : VW029302.D
 Acq On : 21 Jun 2024 15:10
 Operator : SY/MD
 Sample : P2982-03MSD
 Misc : 5.10g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 21 22:56:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 22:53:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	438831	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	333852	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	119682	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	130444	21.476	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.920%
7) Chloroethane-d5	2.899	69	108276	21.109	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.440%
11) 1,1-Dichloroethene-d2	4.027	65	61776	21.065	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.240%
21) 2-Butanone-d5	7.075	46	93199	51.287	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.580%
24) Chloroform-d	7.648	84	297737	22.745	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.960%
26) 1,2-Dichloroethane-d4	8.307	65	172614	22.966	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.880%
32) Benzene-d6	8.276	84	572840	28.249	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.000%
36) 1,2-Dichloropropane-d6	9.270	67	183631	28.488	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.960%
41) Toluene-d8	10.319	98	463139	25.815	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.240%
43) trans-1,3-Dichloroprop...	10.575	79	64985	25.017	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.080%
47) 2-Hexanone-d5	10.922	63	66256	65.568	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.140%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	130948	25.524	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	98329	23.669	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	86377	20.175	ug/L	100
3) Chloromethane	2.235	50	120669	19.767	ug/L	100
5) Vinyl chloride	2.381	62	137188	19.569	ug/L	97
6) Bromomethane	2.789	94	73106	17.350	ug/L	92
8) Chloroethane	2.930	64	88138	20.555	ug/L	100
9) Trichlorofluoromethane	3.265	101	118679	21.836	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	98326	16.408	ug/L #	66
12) 1,1-Dichloroethene	4.045	96	112560	22.137	ug/L	95
13) Acetone	4.125	43	48928	31.682	ug/L	98
14) Carbon disulfide	4.399	76	304362	18.336	ug/L	100
15) Methyl Acetate	4.673	43	60001	19.571	ug/L	100
16) Methylene chloride	4.923	84	141654	18.358	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	124177	21.991	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	227838	25.219	ug/L	98
19) 1,1-Dichloroethane	6.216	63	272535	22.346	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	142005	22.805	ug/L	97
22) 2-Butanone	7.167	43	91599	43.269	ug/L	100
23) Bromochloromethane	7.514	128	60643	21.877	ug/L	93
25) Chloroform	7.679	83	259899	21.823	ug/L	96

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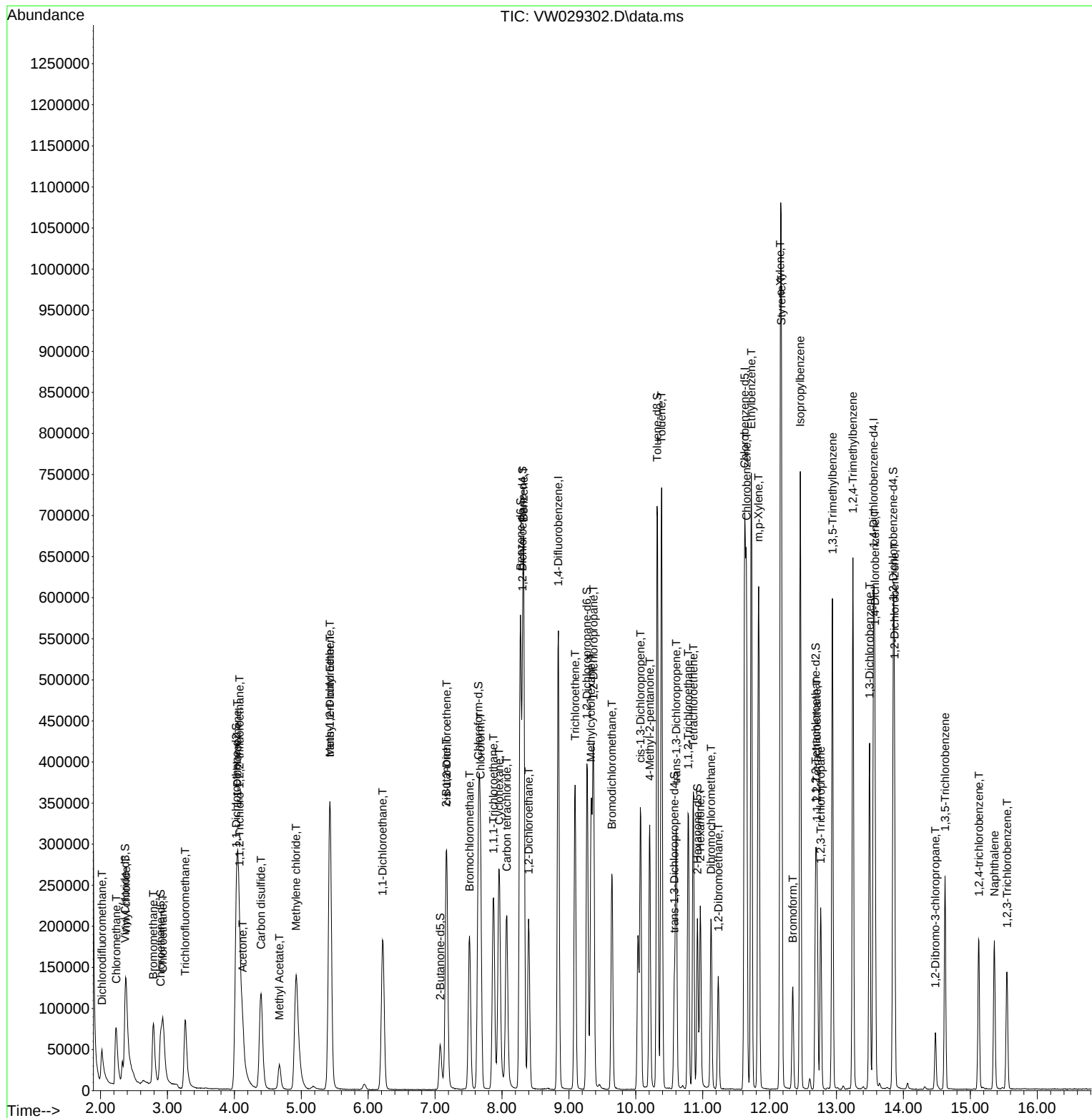
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	186269	21.207	ug/L	99
29) Cyclohexane	7.959	56	164017	21.490	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	194889	26.252	ug/L	96
31) Carbon tetrachloride	8.069	117	162023	23.891	ug/L	99
33) Benzene	8.325	78	537611	26.801	ug/L	100
34) Trichloroethene	9.093	95	130015	24.294	ug/L	96
35) Methylcyclohexane	9.331	83	131202	15.588	ug/L	99
37) 1,2-Dichloropropane	9.368	63	151489	26.876	ug/L	99
38) Bromodichloromethane	9.642	83	178166	25.852	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	194756	24.443	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	216740	62.039	ug/L	98
42) Toluene	10.386	91	514032	24.927	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	168519	25.048	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	103139	26.273	ug/L	94
46) Tetrachloroethene	10.861	164	74921	20.026	ug/L	93
48) 2-Hexanone	10.965	43	143109	57.729	ug/L	99
49) Dibromochloromethane	11.123	129	103009	25.102	ug/L	90
50) 1,2-Dibromoethane	11.233	107	90703	25.739	ug/L	96
51) Chlorobenzene	11.654	112	290378	21.684	ug/L	95
52) Ethylbenzene	11.727	91	520298	22.227	ug/L	99
53) m,p-Xylene	11.837	106	186572	21.820	ug/L	97
54) o-Xylene	12.160	106	184906	23.139	ug/L	94
55) Styrene	12.178	104	304548	21.858	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	114243	23.526	ug/L	100
59) Bromoform	12.349	173	55354	33.746	ug/L	100
60) Isopropylbenzene	12.458	105	447547	28.064	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	90800	34.783	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	308134	26.680	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	327654	26.368	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	159210	23.070	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	161946	22.056	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	144322	22.621	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	18593	30.521	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	68406	14.687	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	55395	14.672	ug/L	96
71) Naphthalene	15.360	128	143591	19.269	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	45135	13.120	ug/L	98

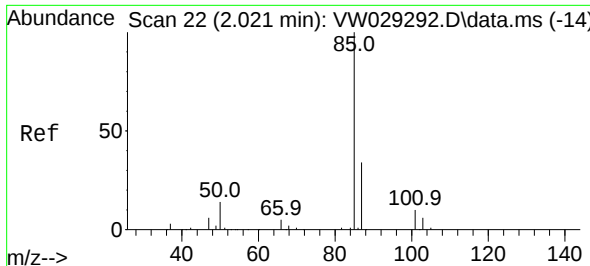
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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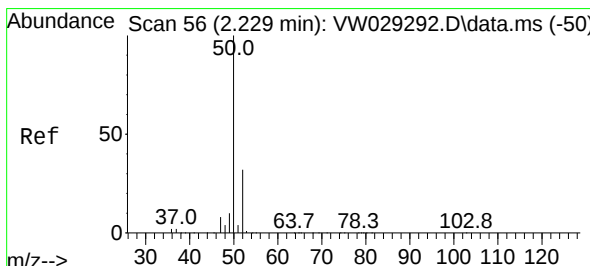
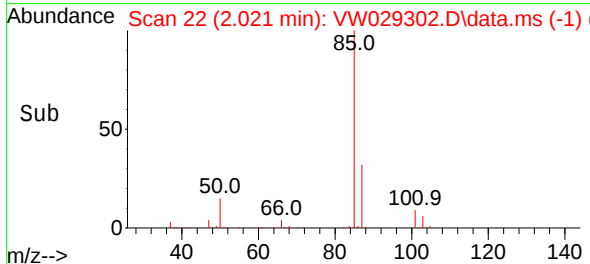
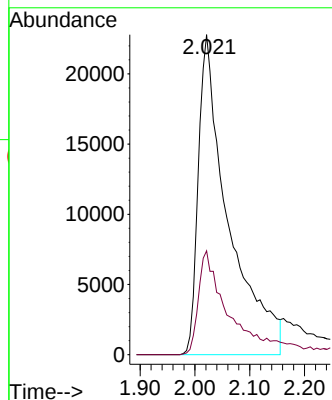
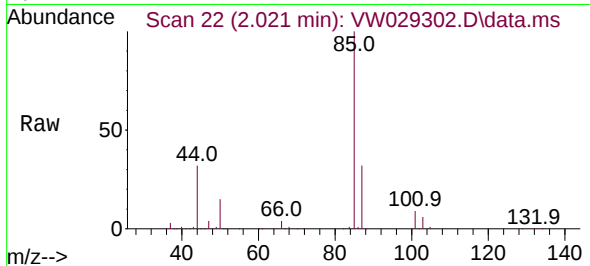




#2
Dichlorodifluoromethane
Concen: 20.175 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029302.D
Acq: 21 Jun 2024 15:10

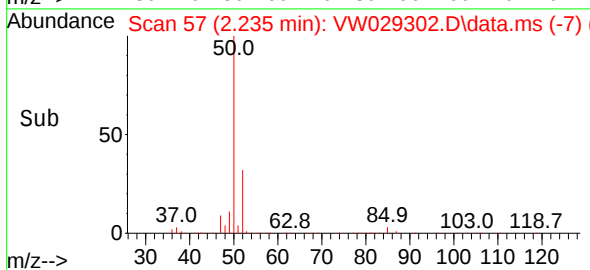
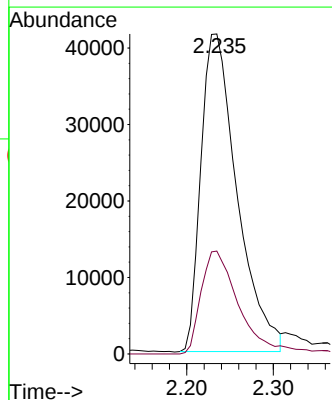
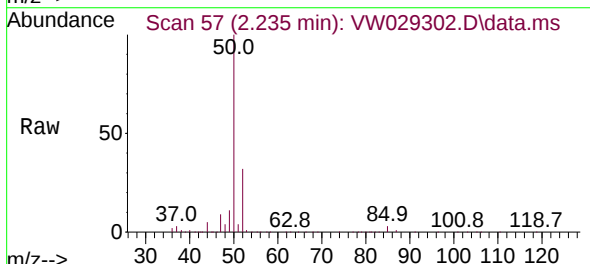
Instrument :
MSVOA_W
ClientSampleId :

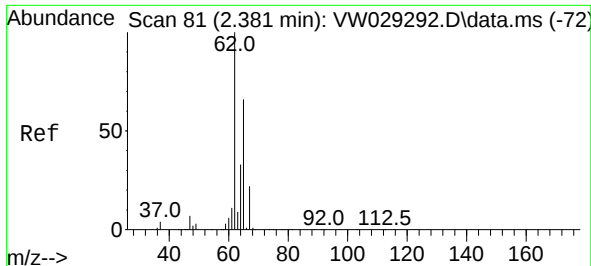
Tgt Ion: 85 Resp: 86377
Ion Ratio Lower Upper
85 100
87 30.0 23.8 35.6



#3
Chloromethane
Concen: 19.767 ug/L
RT: 2.235 min Scan# 57
Delta R.T. 0.006 min
Lab File: VW029302.D
Acq: 21 Jun 2024 15:10

Tgt Ion: 50 Resp: 120669
Ion Ratio Lower Upper
50 100
52 32.2 22.3 41.5

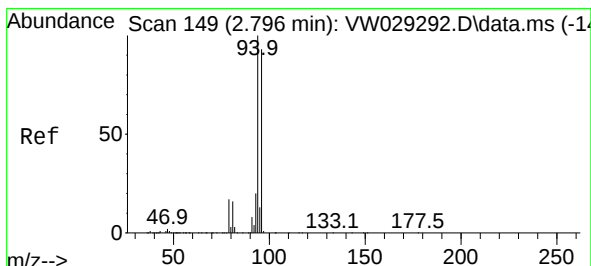
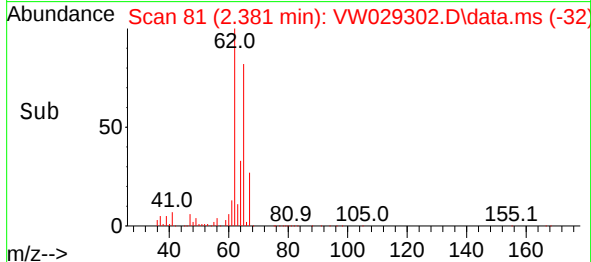
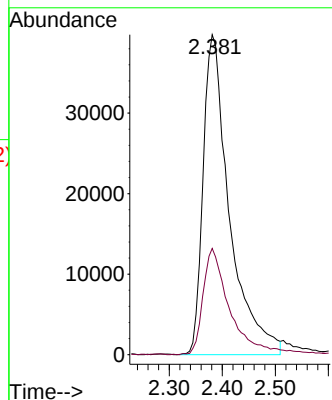
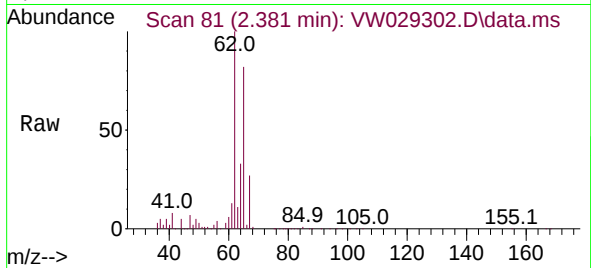




#5
 Vinyl chloride
 Concen: 19.569 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VW029302.D
 Acq: 21 Jun 2024 15:10

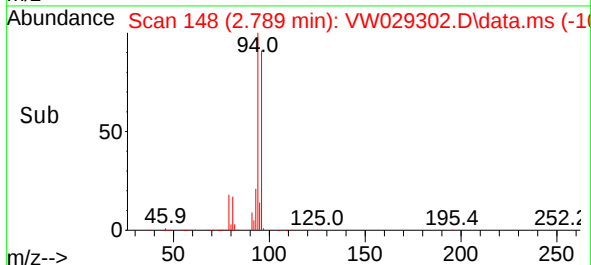
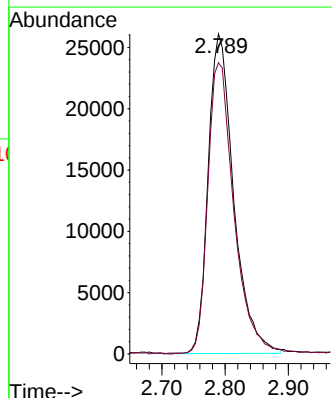
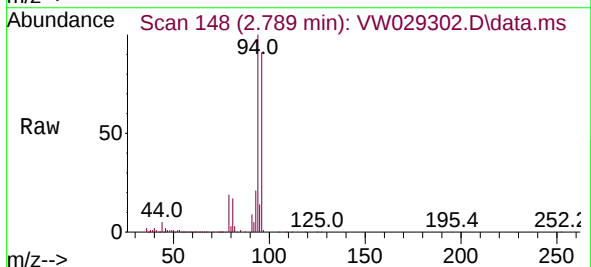
Instrument :
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 ClientSampleId :

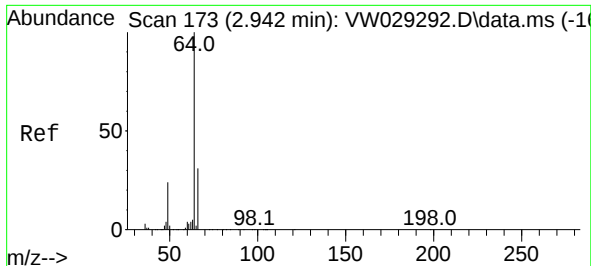
Tgt Ion: 62 Resp: 137188
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.0 40.8



#6
 Bromomethane
 Concen: 17.350 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW029302.D
 Acq: 21 Jun 2024 15:10

Tgt Ion: 94 Resp: 73106
 Ion Ratio Lower Upper
 94 100
 96 91.0 69.5 129.1

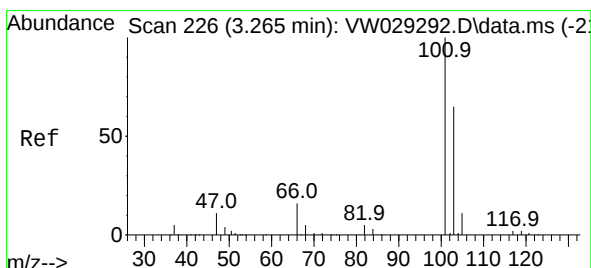
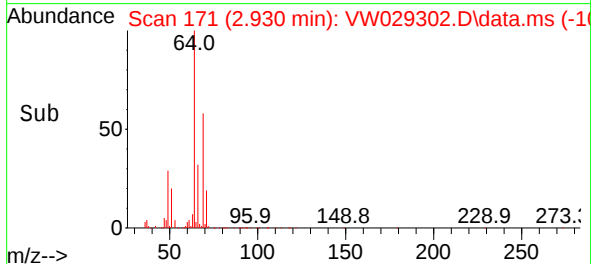
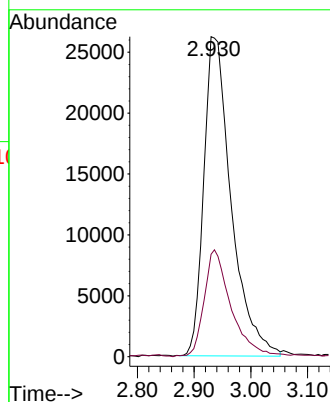
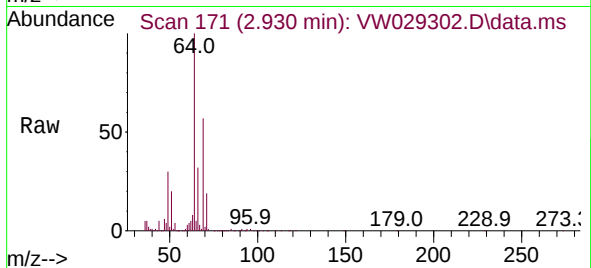




#8
Chloroethane
Concen: 20.555 ug/L
RT: 2.930 min Scan# 173
Delta R.T. -0.012 min
Lab File: VW029302.D
Acq: 21 Jun 2024 15:10

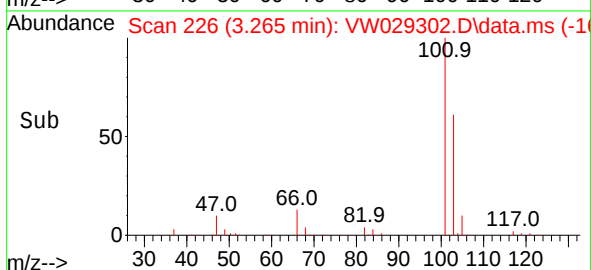
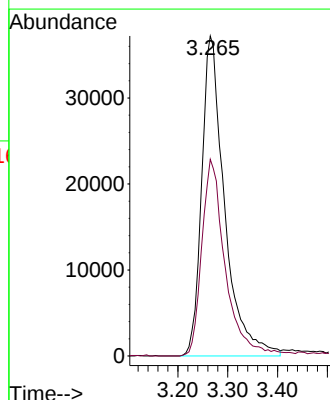
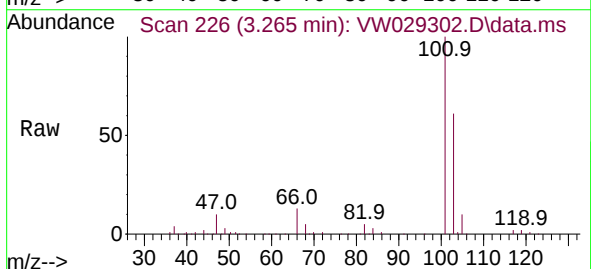
Instrument :
MSVOA_W
ClientSampleId :

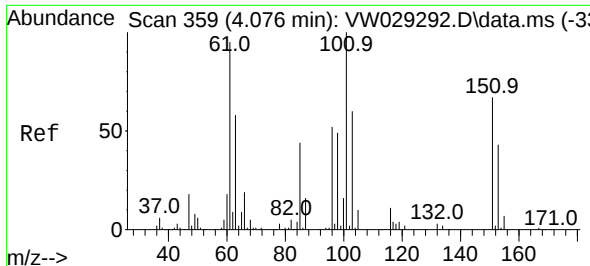
Tgt Ion: 64 Resp: 88138
Ion Ratio Lower Upper
64 100
66 32.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 21.836 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029302.D
Acq: 21 Jun 2024 15:10

Tgt Ion:101 Resp: 118679
Ion Ratio Lower Upper
101 100
103 62.1 50.8 76.2





#10

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

Concen: 16.408 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :

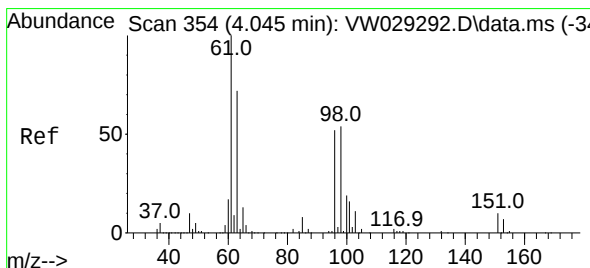
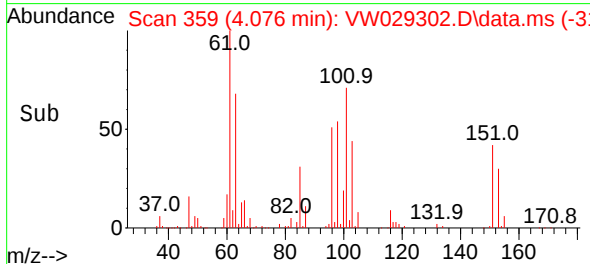
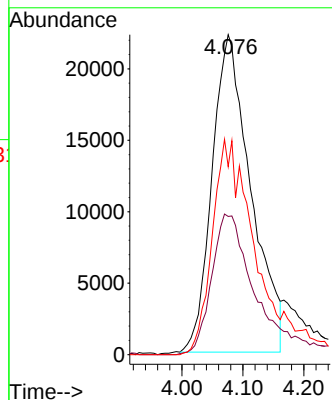
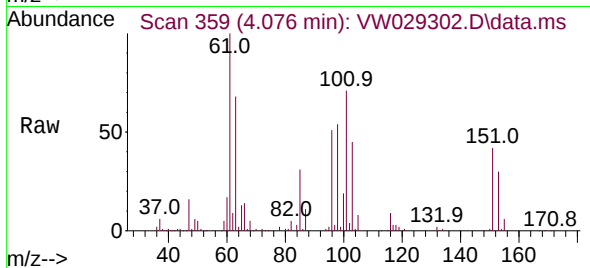
Tgt Ion:101 Resp: 98326

Ion Ratio Lower Upper

101 100

85 47.2 30.2 45.2#

151 29.5 52.2 78.4#



#12

1,1-Dichloroethene

Concen: 22.137 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

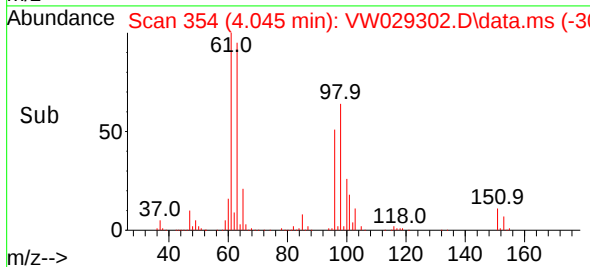
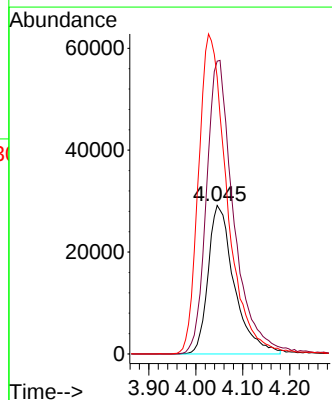
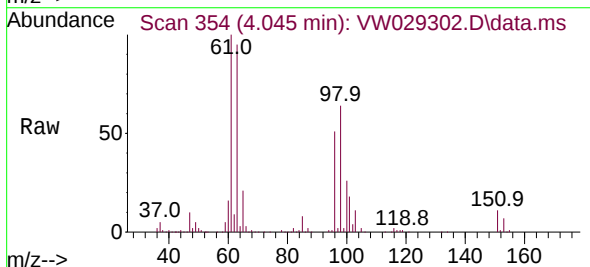
Tgt Ion: 96 Resp: 112560

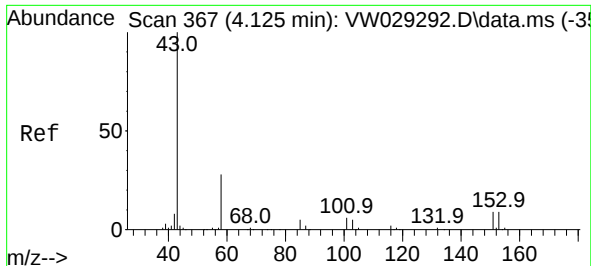
Ion Ratio Lower Upper

96 100

61 197.3 140.1 260.3

63 186.5 122.0 226.6

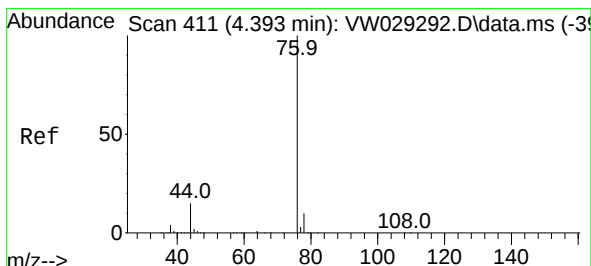
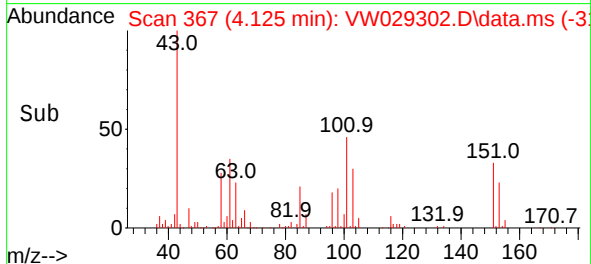
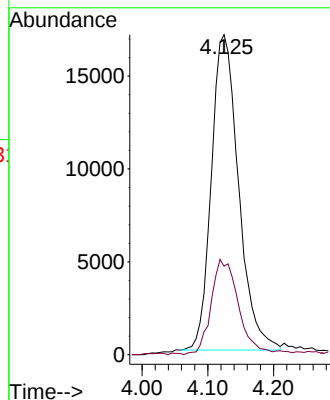
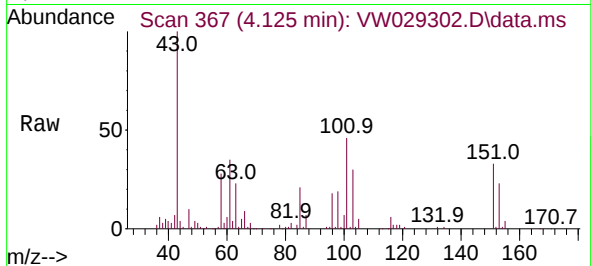




#13
Acetone
Concen: 31.682 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.000 min
Lab File: VW029302.D
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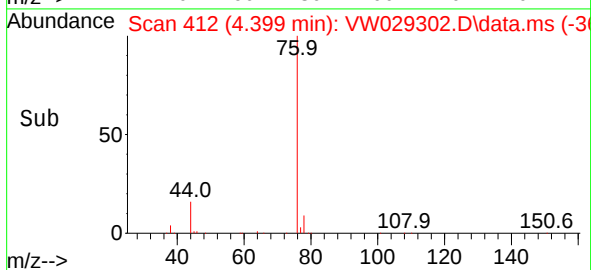
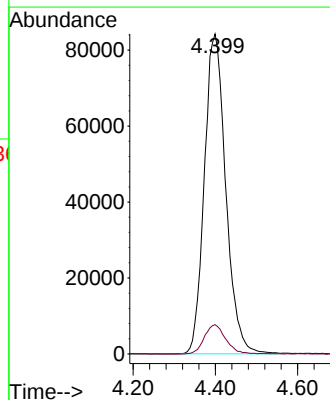
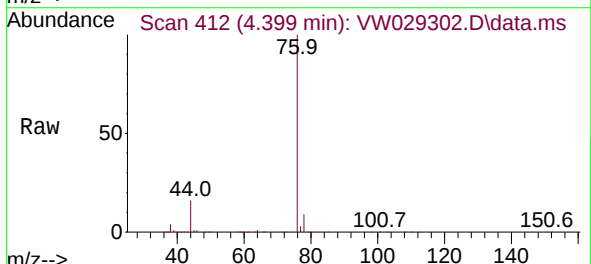
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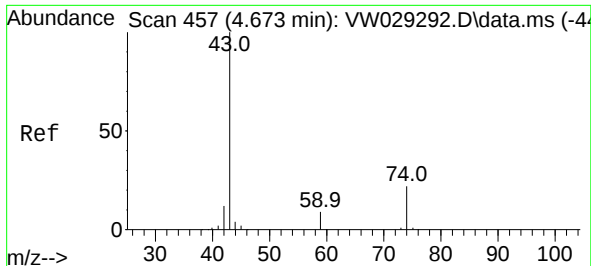
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Ion Ratio Lower Upper
43 100
58 29.8 0.0 61.4



#14
Carbon disulfide
Concen: 18.336 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.006 min
Lab File: VW029302.D
Acq: 21 Jun 2024 15:10

Tgt Ion: 76 Resp: 304362
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8





#15

Methyl Acetate

Concen: 19.571 ug/L

RT: 4.673 min Scan# 457

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Instrument :

MSVOA_W

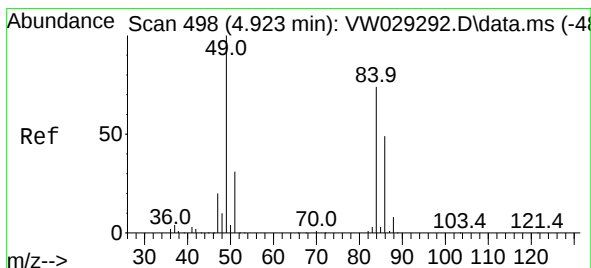
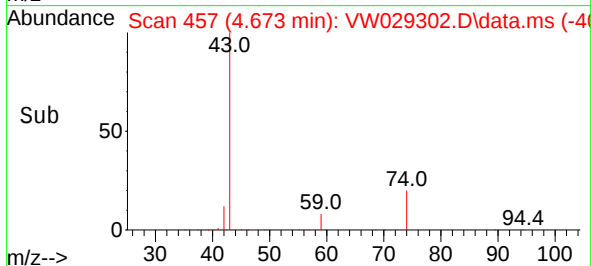
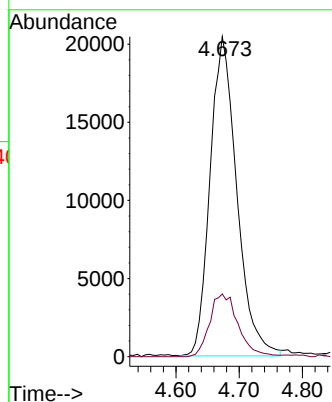
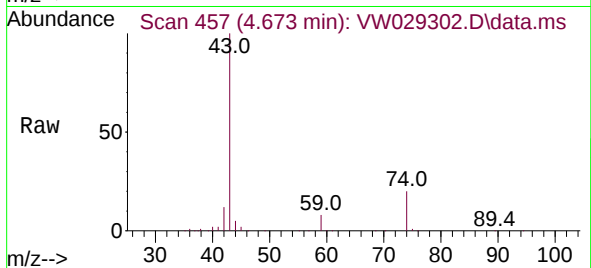
ClientSampleId :

Tgt Ion: 43 Resp: 60001

Ion Ratio Lower Upper

43 100

74 20.9 16.6 25.0



#16

Methylene chloride

Concen: 18.358 ug/L

RT: 4.923 min Scan# 498

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

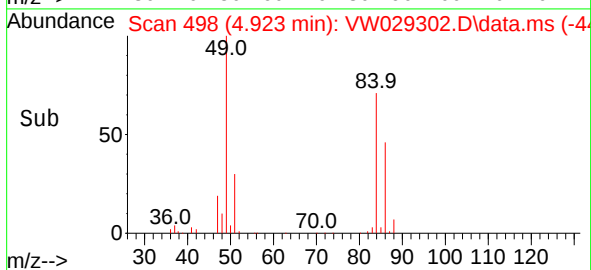
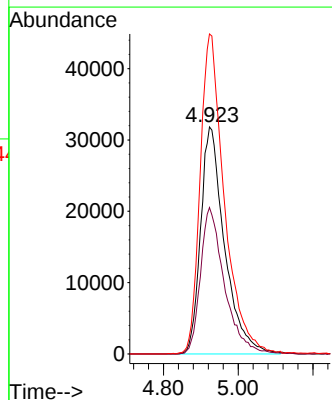
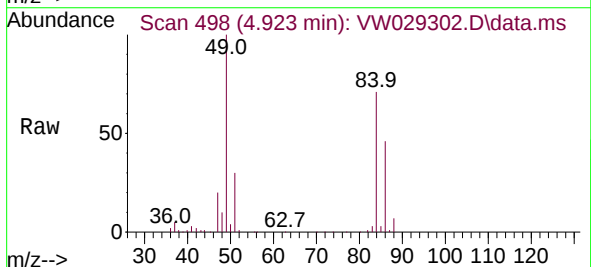
Tgt Ion: 84 Resp: 141654

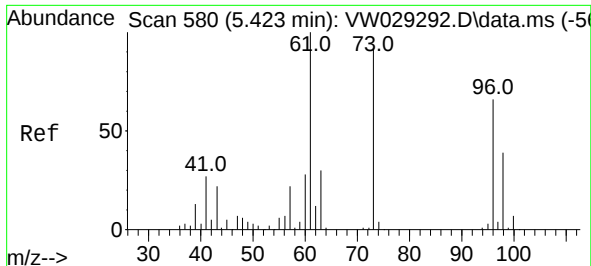
Ion Ratio Lower Upper

84 100

86 64.5 41.4 77.0

49 141.0 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 21.991 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :

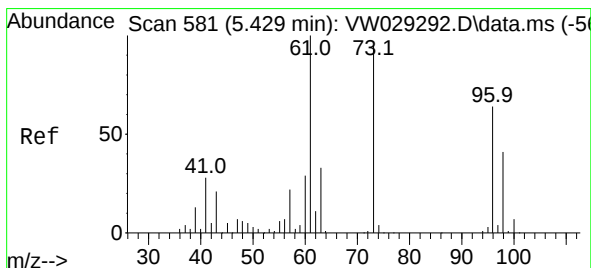
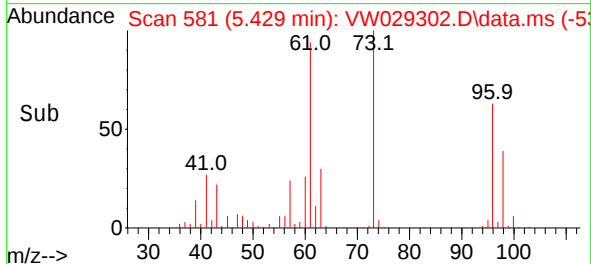
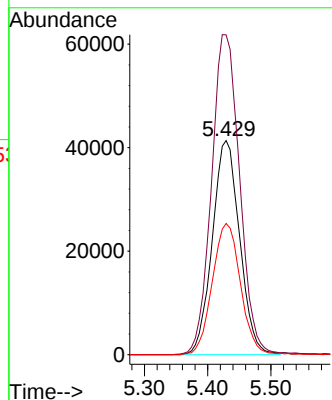
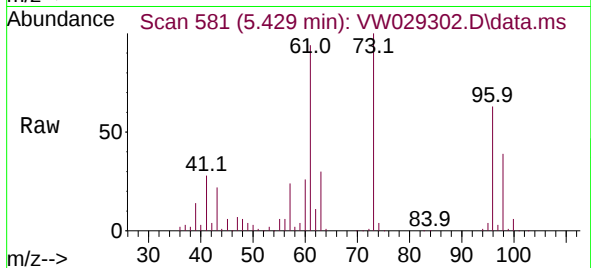
Tgt Ion: 96 Resp: 124177

Ion Ratio Lower Upper

96 100

61 149.4 101.5 188.5

98 61.3 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 25.219 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

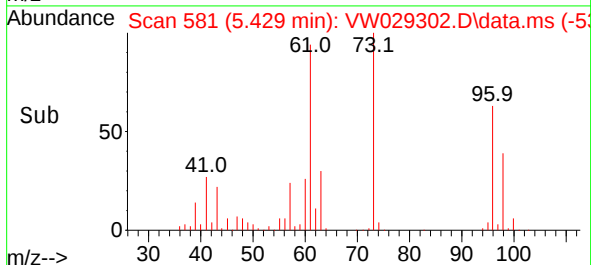
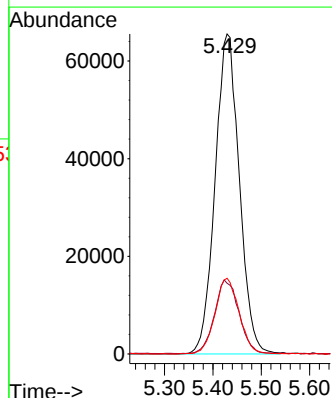
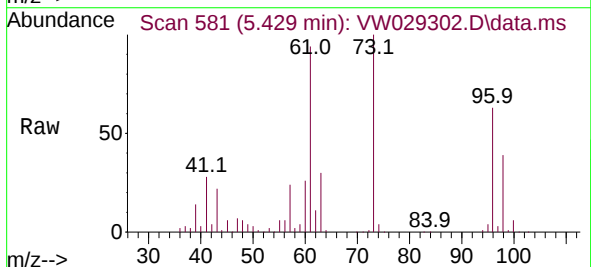
Tgt Ion: 73 Resp: 227838

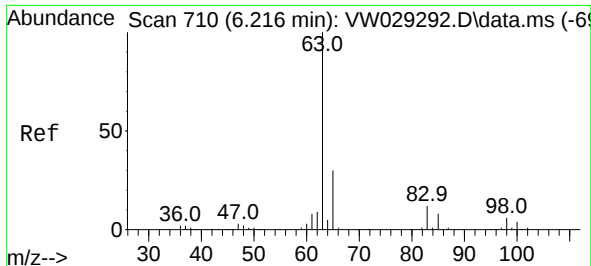
Ion Ratio Lower Upper

73 100

43 23.2 19.5 29.3

57 23.6 18.4 27.6





#19

1,1-Dichloroethane

Concen: 22.346 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :

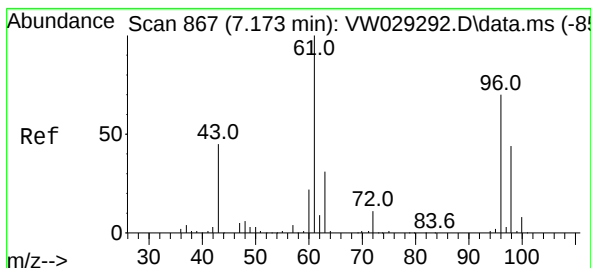
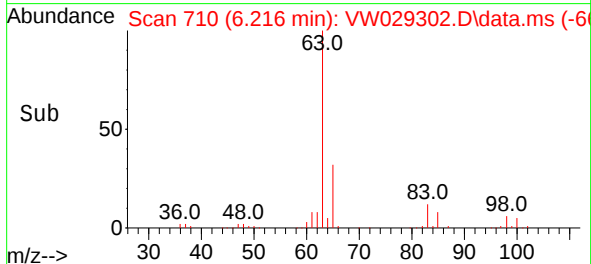
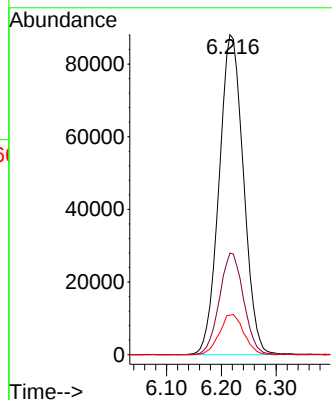
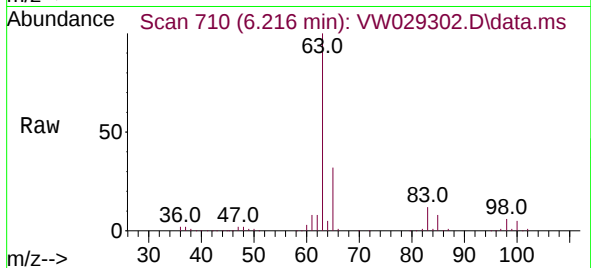
Tgt Ion: 63 Resp: 272535

Ion Ratio Lower Upper

63 100

65 31.8 23.4 43.4

83 12.4 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 22.805 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

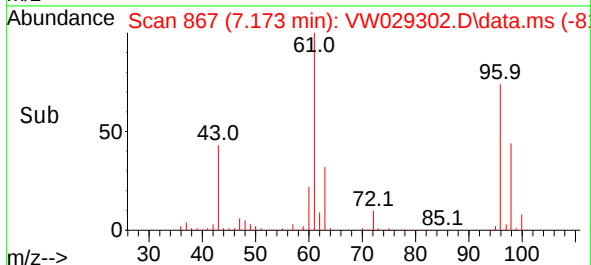
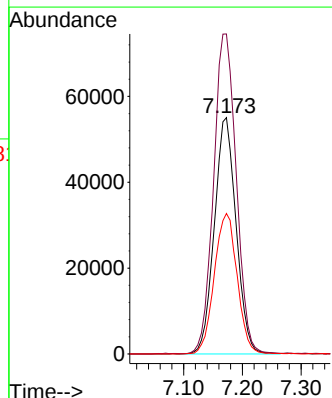
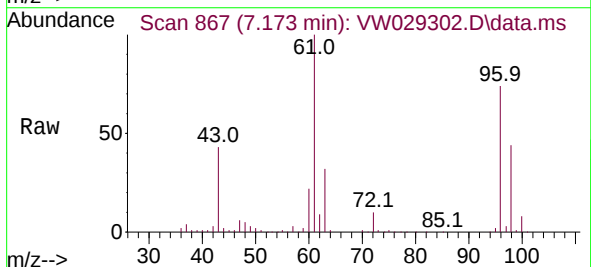
Tgt Ion: 96 Resp: 142005

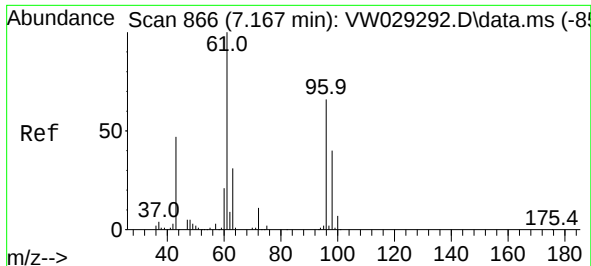
Ion Ratio Lower Upper

96 100

61 135.4 97.8 181.6

98 59.4 43.0 79.8





#22

2-Butanone

Concen: 43.269 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Instrument :

MSVOA_W

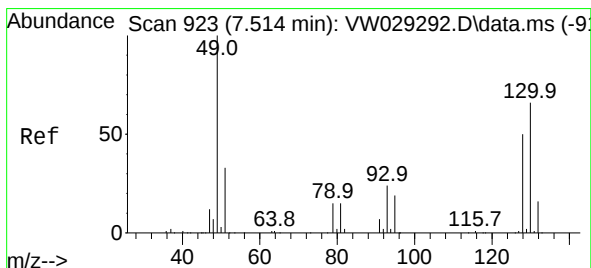
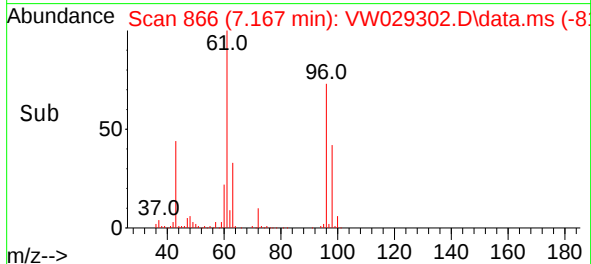
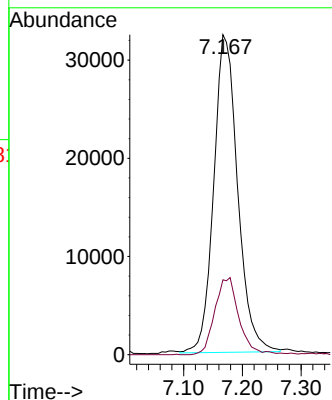
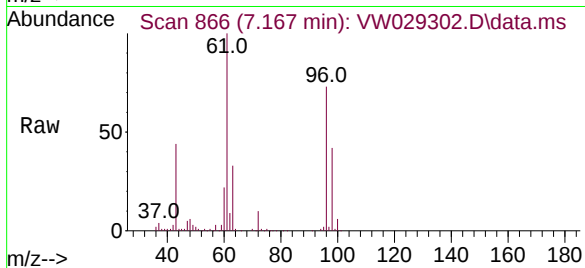
ClientSampleId :

Tgt Ion: 43 Resp: 91599

Ion Ratio Lower Upper

43 100

72 24.0 11.9 35.7



#23

Bromochloromethane

Concen: 21.877 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Tgt Ion: 128 Resp: 60643

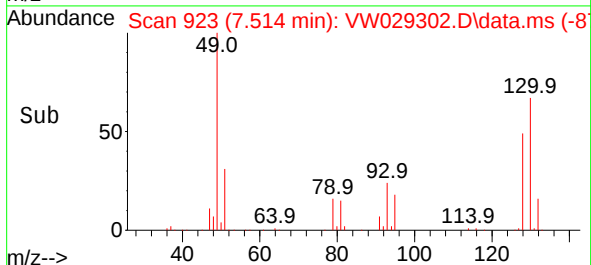
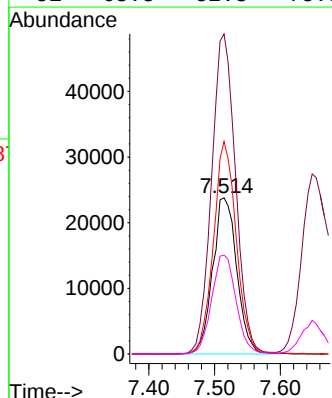
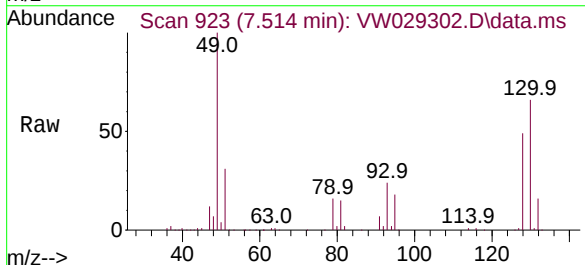
Ion Ratio Lower Upper

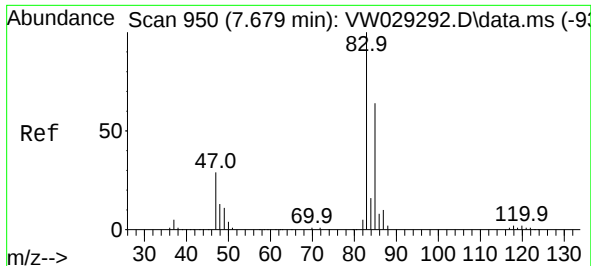
128 100

49 204.9 142.6 264.8

130 136.0 79.7 148.1

51 63.3 52.3 78.5





#25

Chloroform

Concen: 21.823 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Instrument :

MSVOA_W

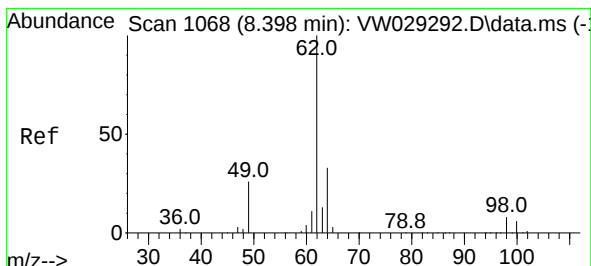
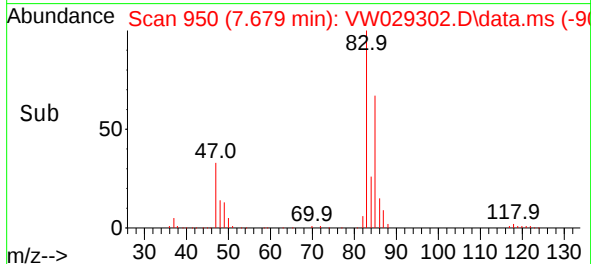
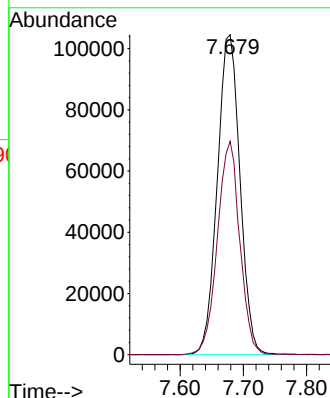
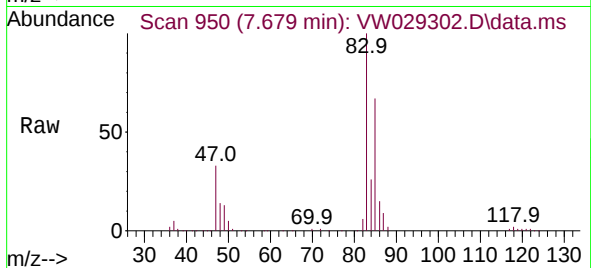
ClientSampleId :

Tgt Ion: 83 Resp: 259899

Ion Ratio Lower Upper

83 100

85 66.7 44.4 82.4



#27

1,2-Dichloroethane

Concen: 21.207 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029302.D

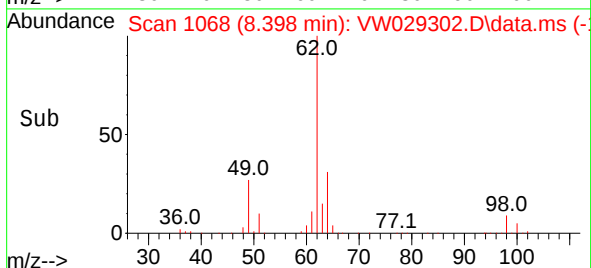
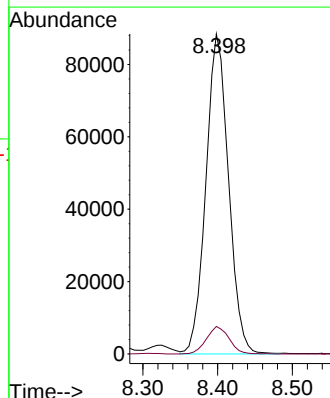
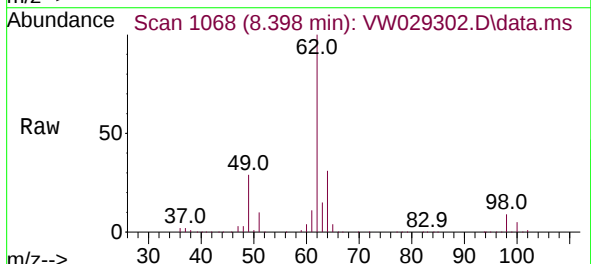
Acq: 21 Jun 2024 15:10

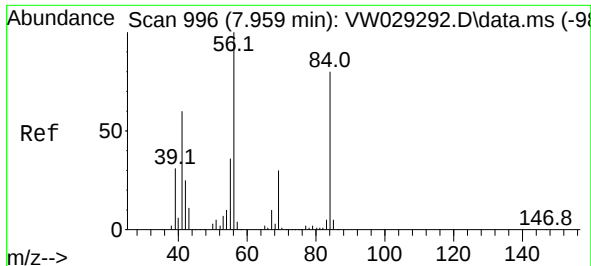
Tgt Ion: 62 Resp: 186269

Ion Ratio Lower Upper

62 100

98 8.6 6.6 10.0





#29

Cyclohexane

Concen: 21.490 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Instrument :

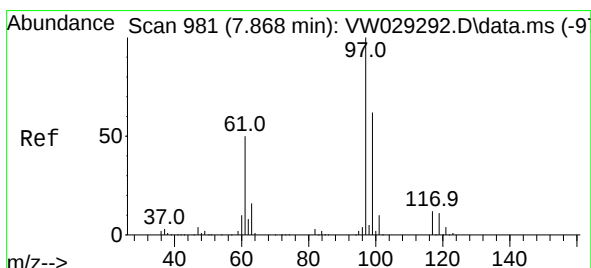
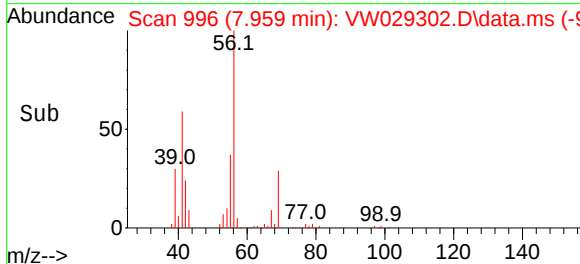
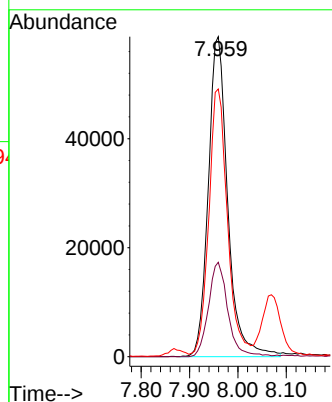
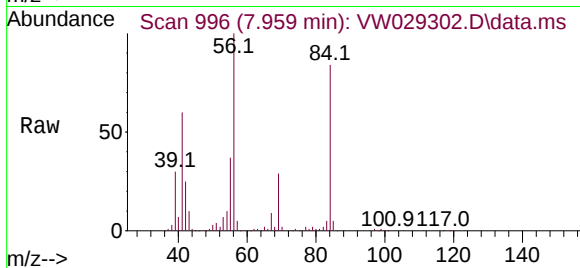
MSVOA_W

ClientSampleId :

Tgt Ion: 56 Resp: 164017

Ion Ratio Lower Upper

56	100		
69	29.0	23.4	35.0
84	80.0	64.5	96.7



#30

1,1,1-Trichloroethane

Concen: 26.252 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

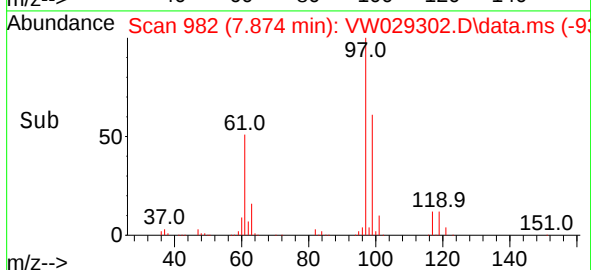
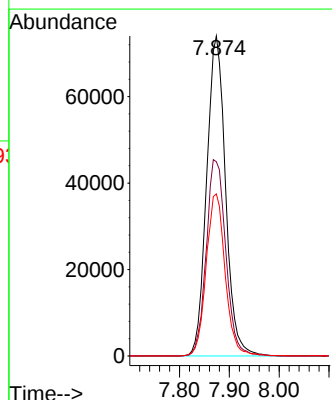
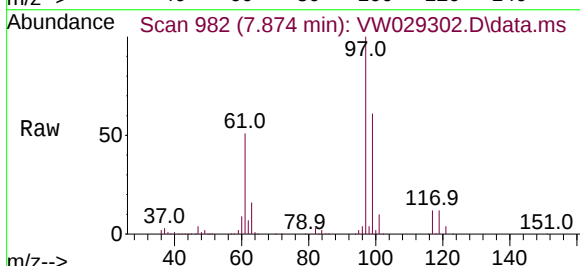
Lab File: VW029302.D

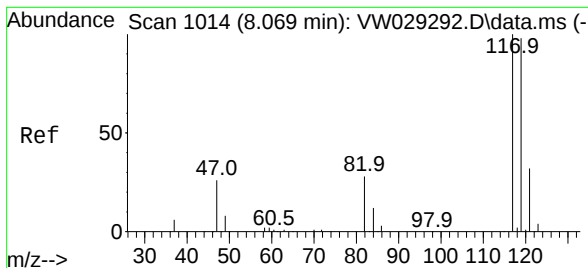
Acq: 21 Jun 2024 15:10

Tgt Ion: 97 Resp: 194889

Ion Ratio Lower Upper

97	100		
99	63.6	53.0	79.4
61	50.6	43.0	64.4





#31

Carbon tetrachloride

Concen: 23.891 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Instrument :

MSVOA_W

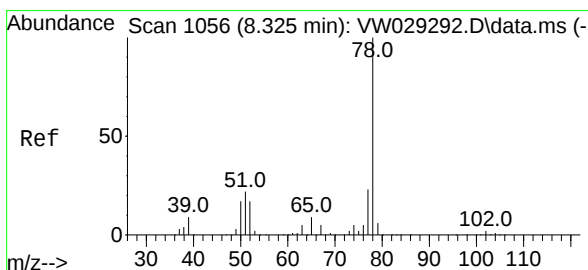
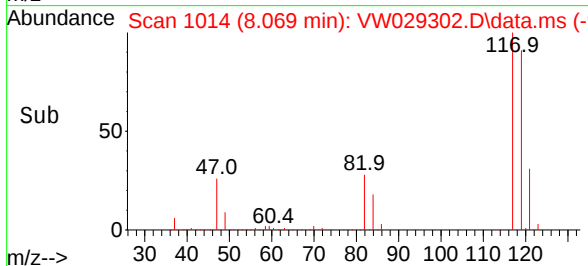
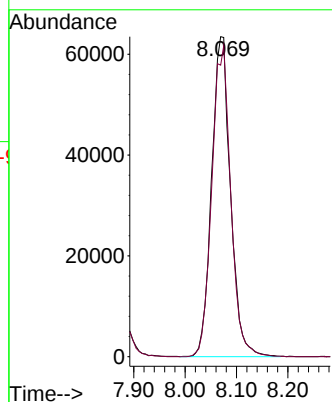
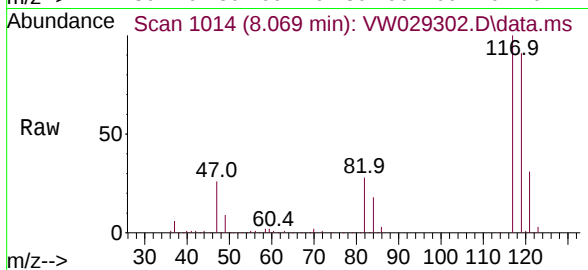
ClientSampleId :

Tgt Ion:117 Resp: 162023

Ion Ratio Lower Upper

117 100

119 97.4 79.0 118.4



#33

Benzene

Concen: 26.801 ug/L

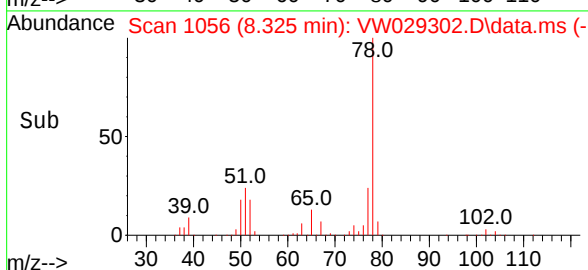
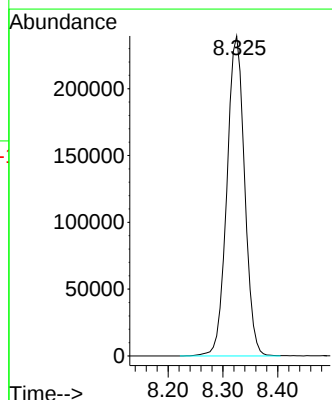
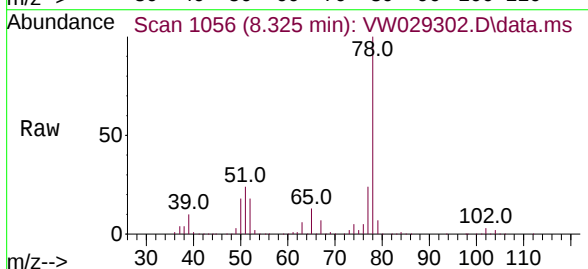
RT: 8.325 min Scan# 1056

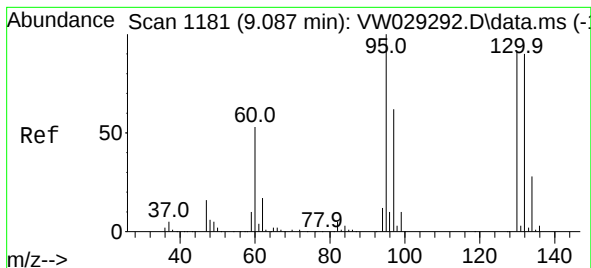
Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Tgt Ion: 78 Resp: 537611





#34

Trichloroethene

Concen: 24.294 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 130015

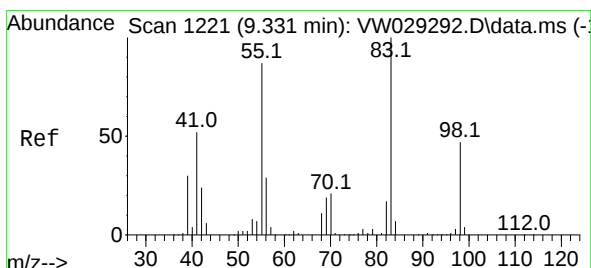
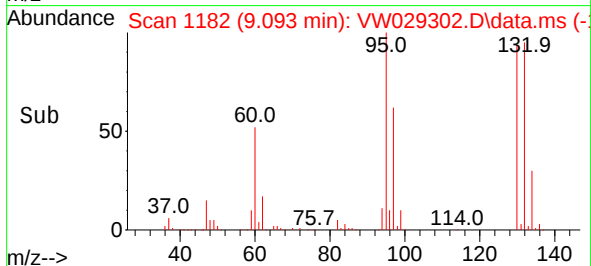
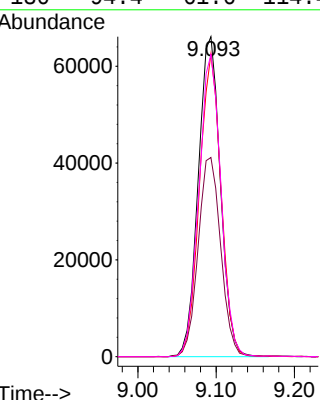
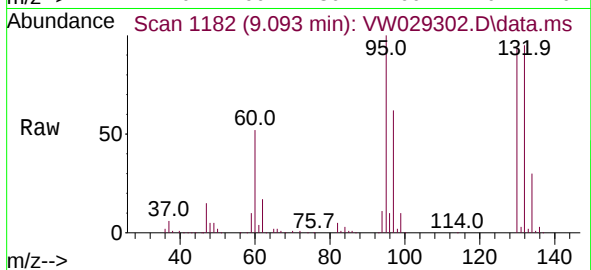
Ion Ratio Lower Upper

95 100

97 62.3 45.7 84.9

132 94.6 66.4 123.4

130 94.4 61.6 114.4



#35

Methylcyclohexane

Concen: 15.588 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

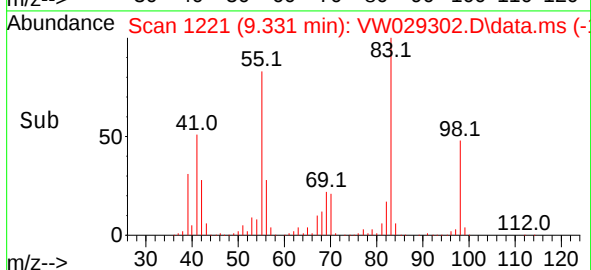
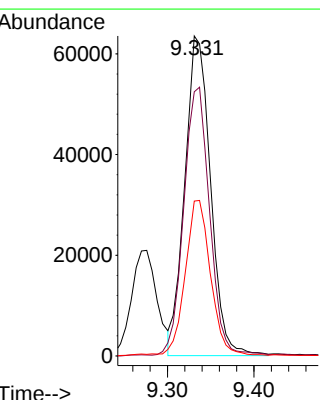
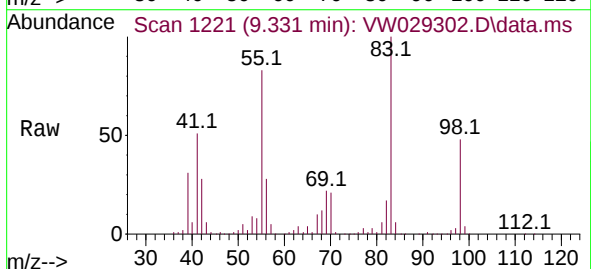
Tgt Ion: 83 Resp: 131202

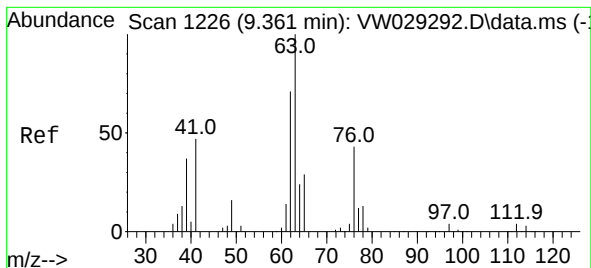
Ion Ratio Lower Upper

83 100

55 85.1 69.5 104.3

98 47.6 38.0 57.0





#37

1,2-Dichloropropane

Concen: 26.876 ug/L

RT: 9.368 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Instrument :

MSVOA_W

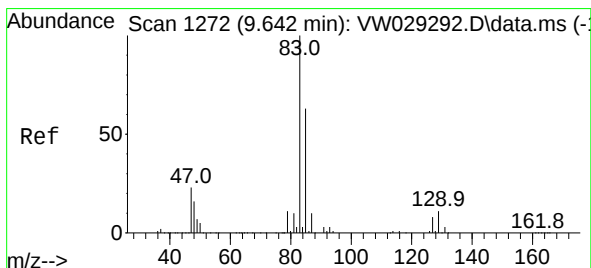
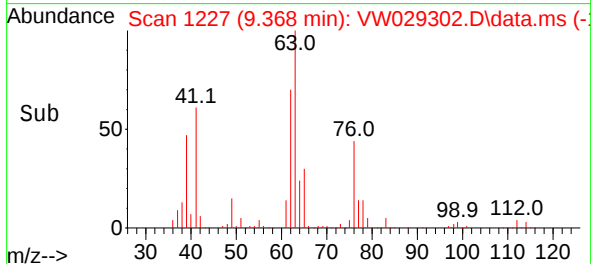
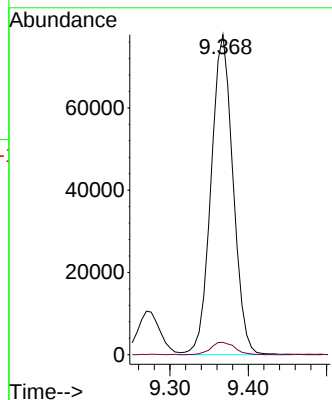
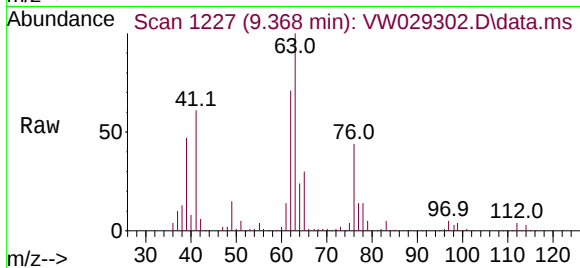
ClientSampleId :

Tgt Ion: 63 Resp: 151489

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.6



#38

Bromodichloromethane

Concen: 25.852 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

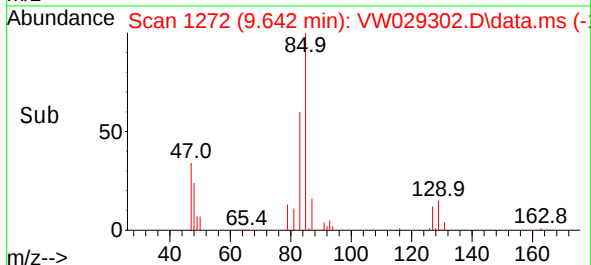
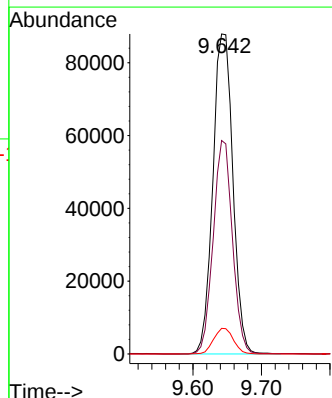
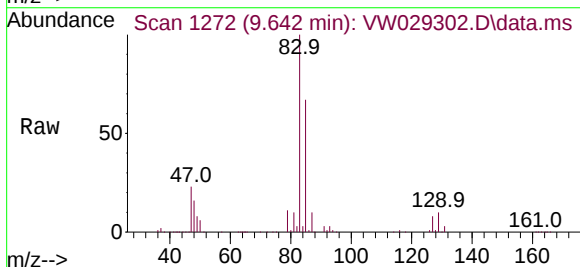
Tgt Ion: 83 Resp: 178166

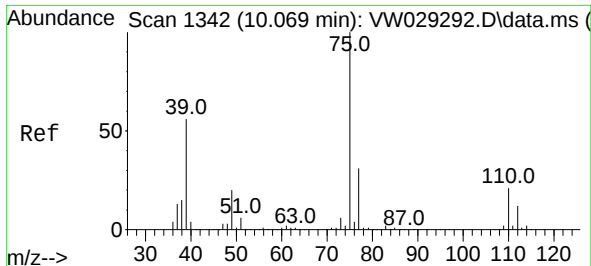
Ion Ratio Lower Upper

83 100

85 66.7 45.1 83.9

127 8.0 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 24.443 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Instrument :

MSVOA_W

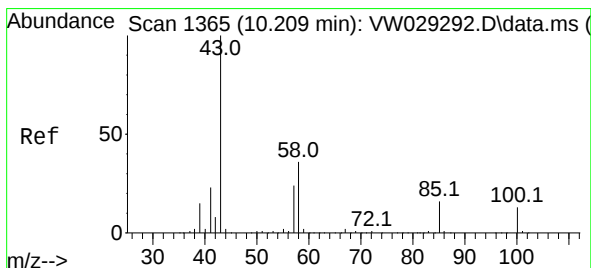
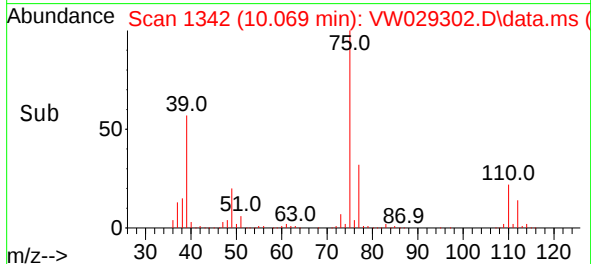
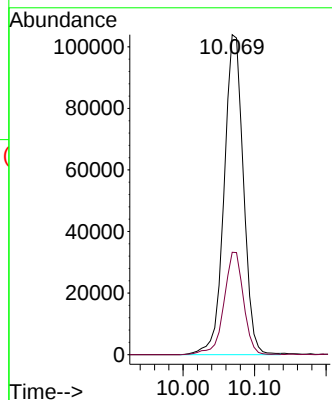
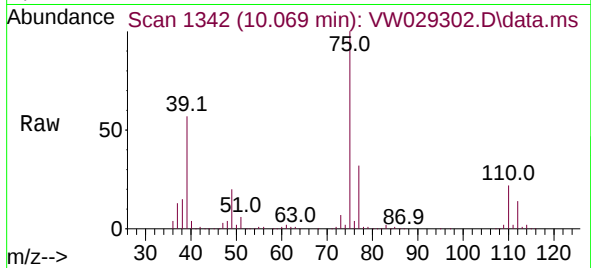
ClientSampleId :

Tgt Ion: 75 Resp: 194756

Ion Ratio Lower Upper

75 100

77 32.0 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 62.039 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

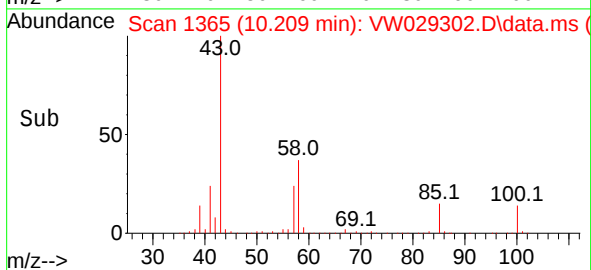
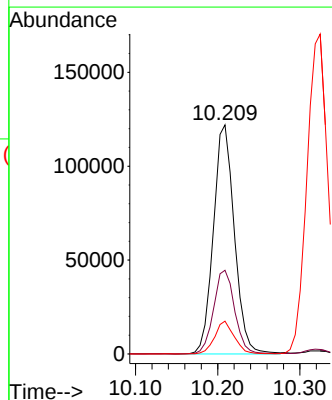
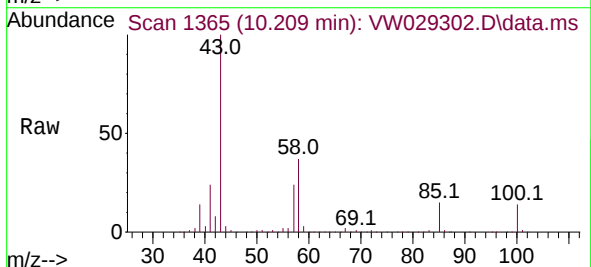
Tgt Ion: 43 Resp: 216740

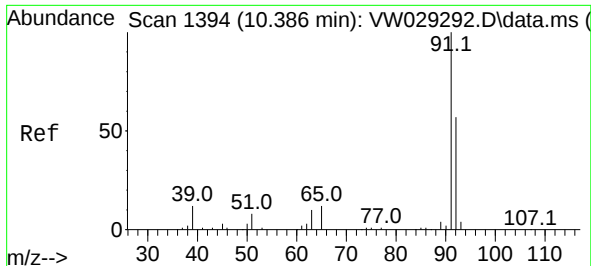
Ion Ratio Lower Upper

43 100

58 36.7 28.2 42.4

100 13.4 11.0 16.4





#42

Toluene

Concen: 24.927 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Instrument :

MSVOA_W

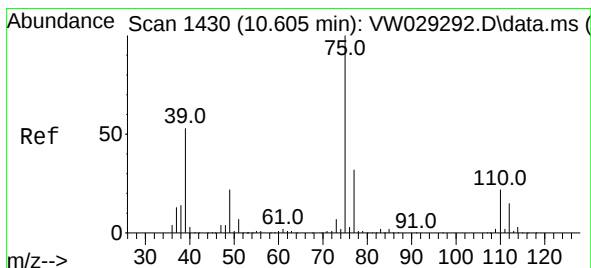
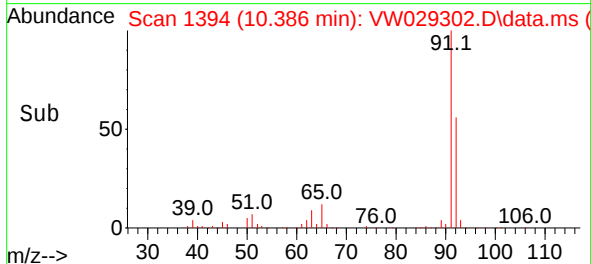
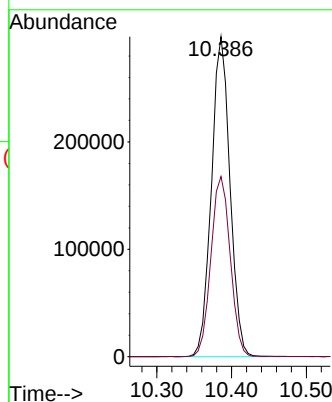
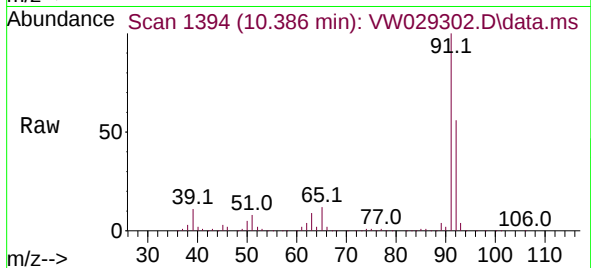
ClientSampleId :

Tgt Ion: 91 Resp: 514032

Ion Ratio Lower Upper

91 100

92 56.3 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 25.048 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029302.D

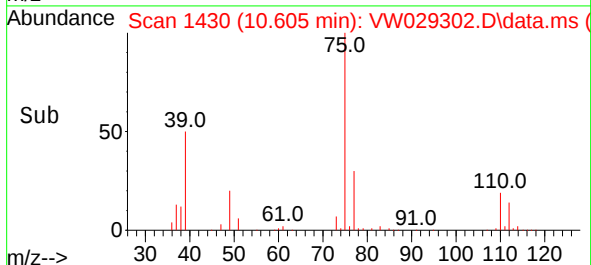
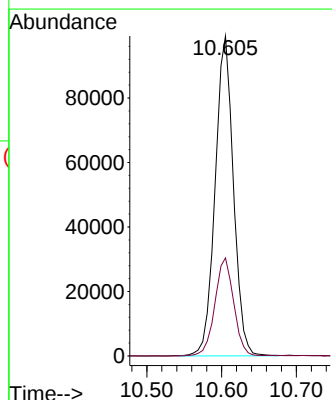
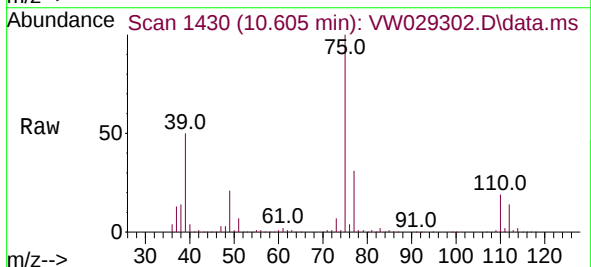
Acq: 21 Jun 2024 15:10

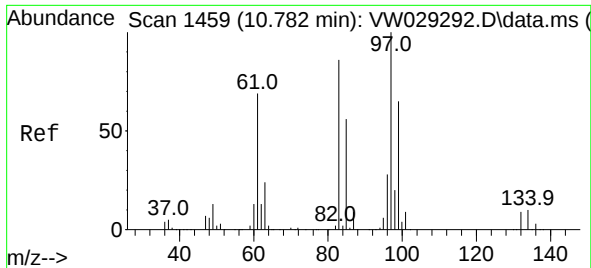
Tgt Ion: 75 Resp: 168519

Ion Ratio Lower Upper

75 100

77 30.6 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 26.273 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 103139

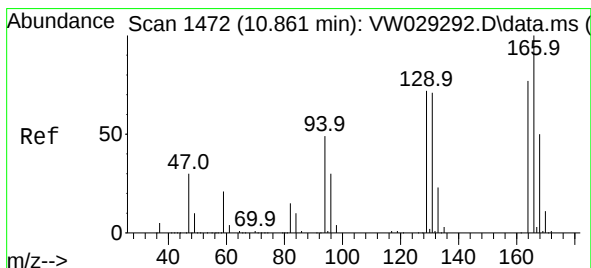
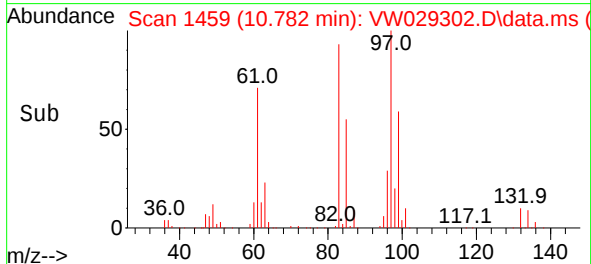
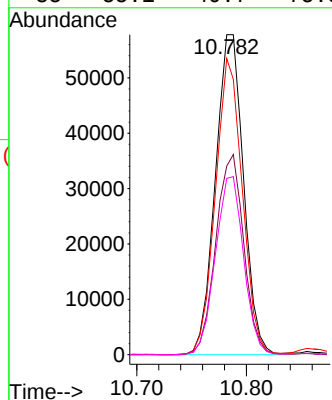
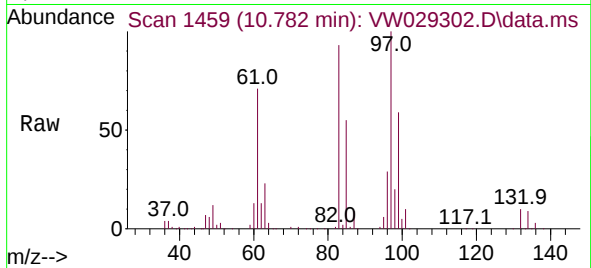
Ion Ratio Lower Upper

97 100

99 58.9 42.3 78.5

83 92.6 57.7 107.1

85 55.1 40.7 75.5



#46

Tetrachloroethene

Concen: 20.026 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Tgt Ion:164 Resp: 74921

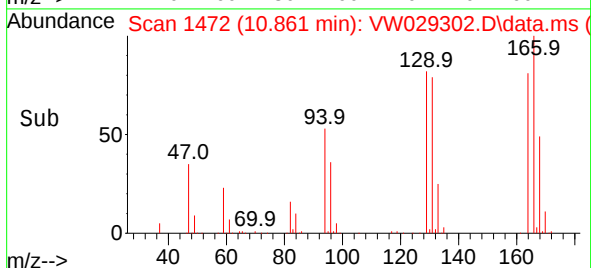
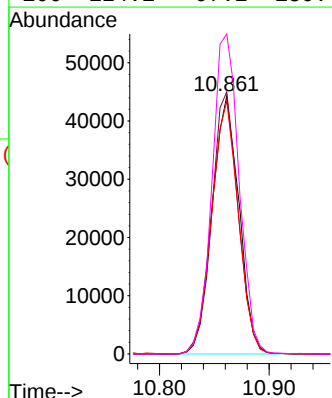
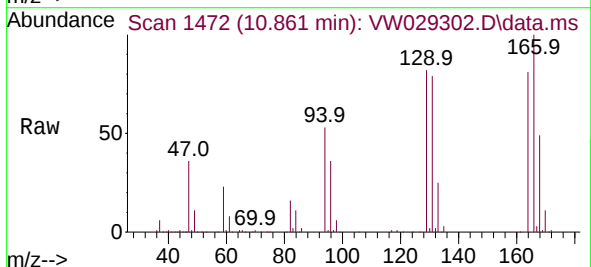
Ion Ratio Lower Upper

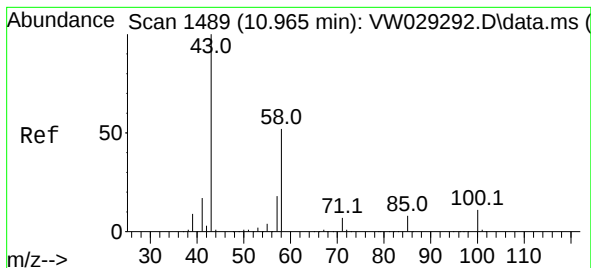
164 100

129 101.6 68.5 127.3

131 98.2 71.8 133.4

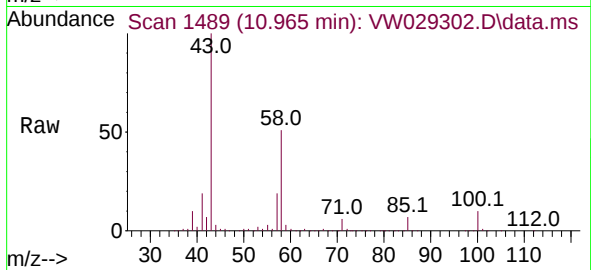
166 124.1 97.2 180.4



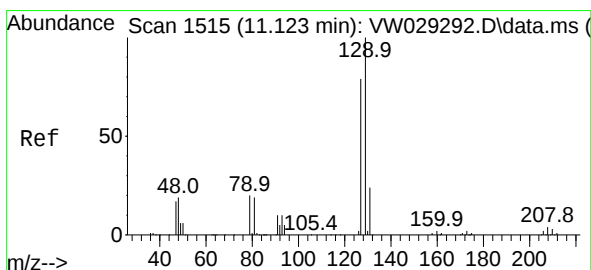
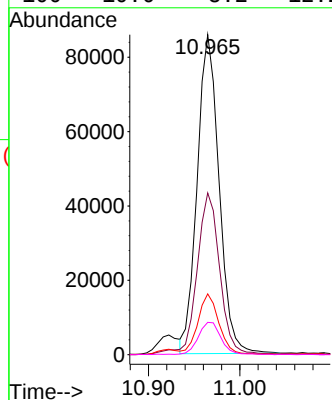
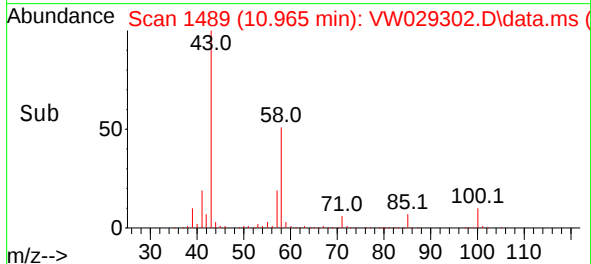


#48
2-Hexanone
Concen: 57.729 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029302.D
Acq: 21 Jun 2024 15:10

Instrument :
MSVOA_W
ClientSampleId :

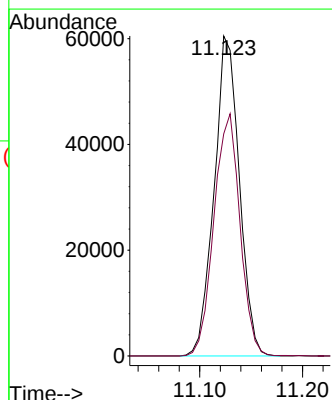
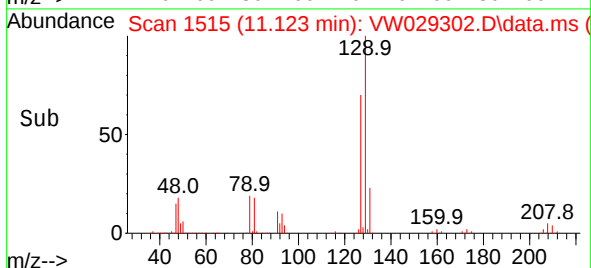
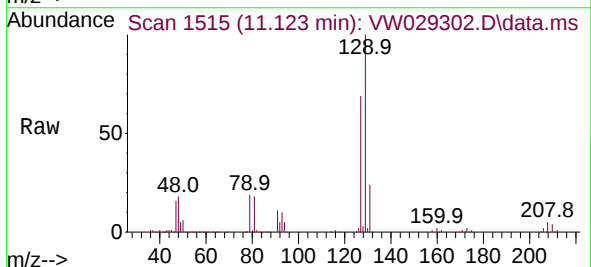


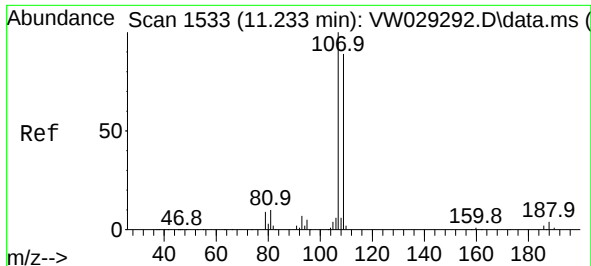
Tgt Ion: 43 Resp: 143109
Ion Ratio Lower Upper
43 100
58 50.6 39.6 59.4
57 18.5 14.6 21.8
100 10.6 8.2 12.2



#49
Dibromochloromethane
Concen: 25.102 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW029302.D
Acq: 21 Jun 2024 15:10

Tgt Ion: 129 Resp: 103009
Ion Ratio Lower Upper
129 100
127 69.4 54.8 101.8





#50

1,2-Dibromoethane

Concen: 25.739 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

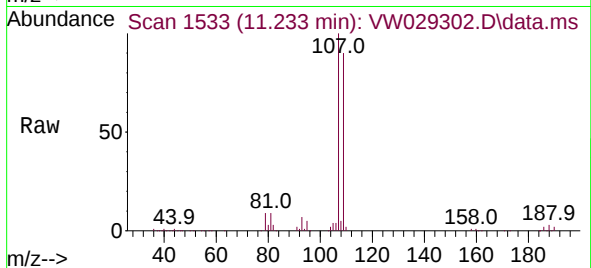
Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :



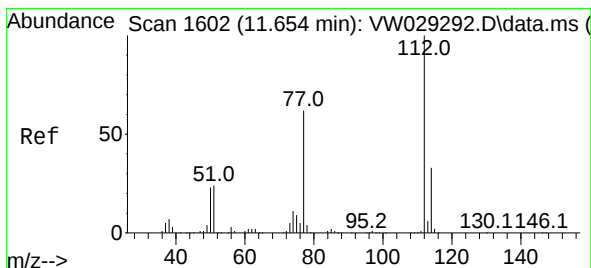
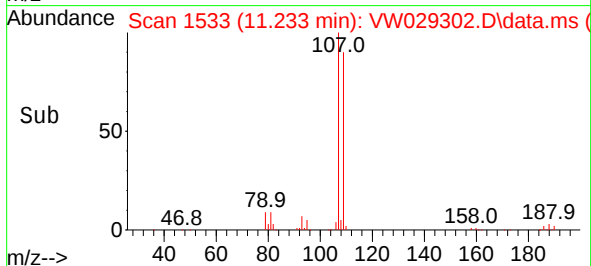
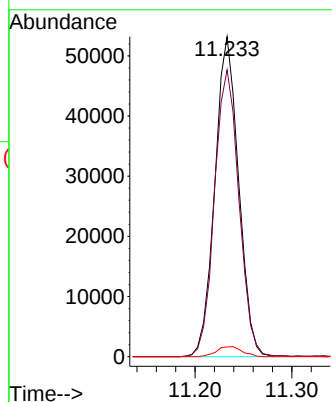
Tgt Ion:107 Resp: 90703

Ion Ratio Lower Upper

107 100

109 89.6 65.5 121.6

188 3.0 2.6 4.0



#51

Chlorobenzene

Concen: 21.684 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

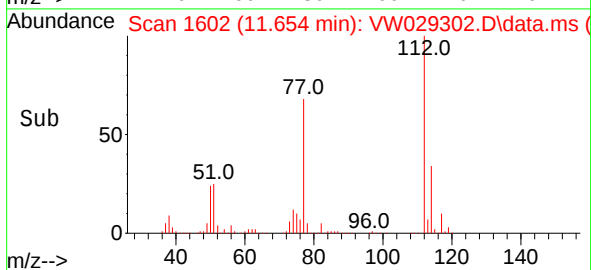
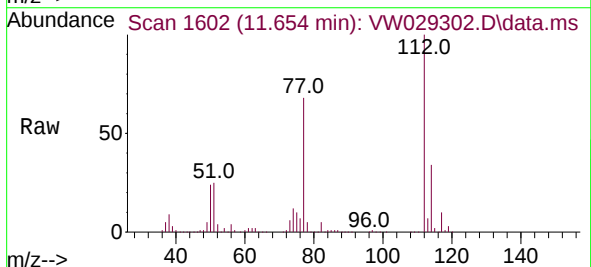
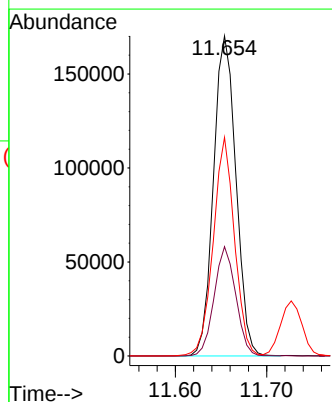
Tgt Ion:112 Resp: 290378

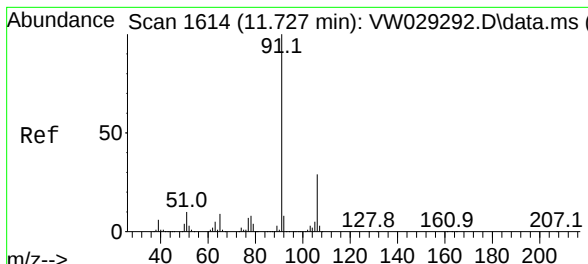
Ion Ratio Lower Upper

112 100

114 34.1 22.6 42.0

77 68.3 51.0 76.6

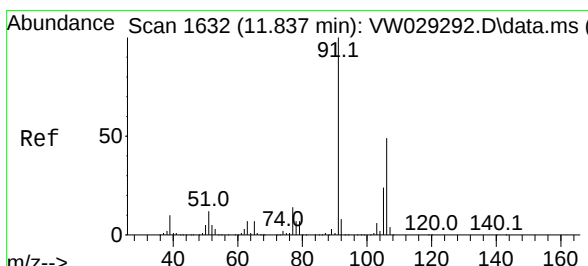
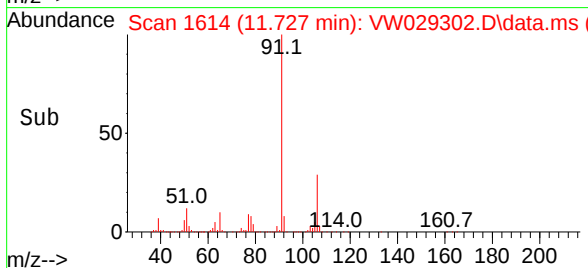
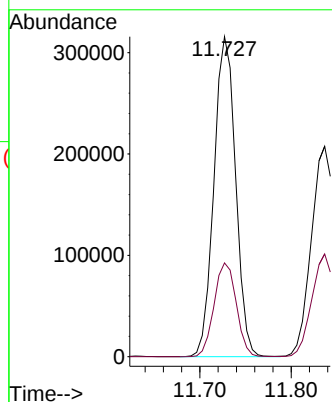
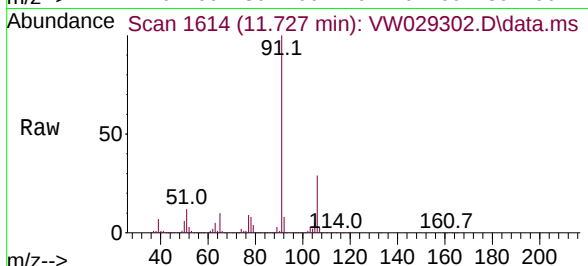




#52
Ethylbenzene
Concen: 22.227 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029302.D
Acq: 21 Jun 2024 15:10

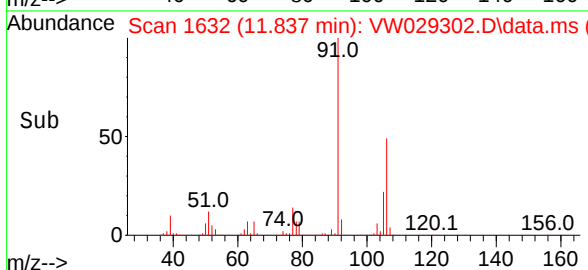
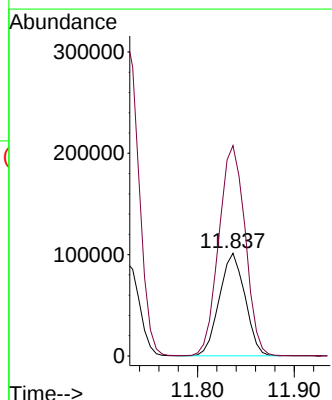
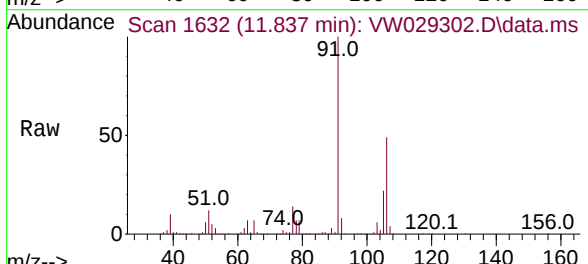
Instrument :
MSVOA_W
ClientSampleId :

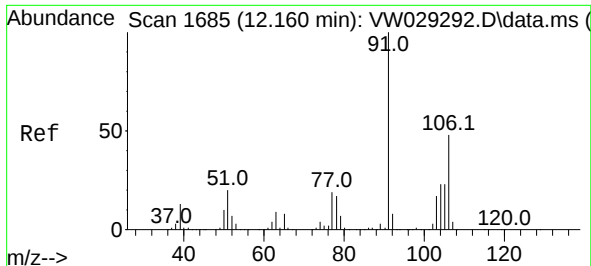
Tgt Ion: 91 Resp: 520298
Ion Ratio Lower Upper
91 100
106 29.3 19.9 37.0



#53
m,p-Xylene
Concen: 21.820 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029302.D
Acq: 21 Jun 2024 15:10

Tgt Ion:106 Resp: 186572
Ion Ratio Lower Upper
106 100
91 204.8 140.5 260.9

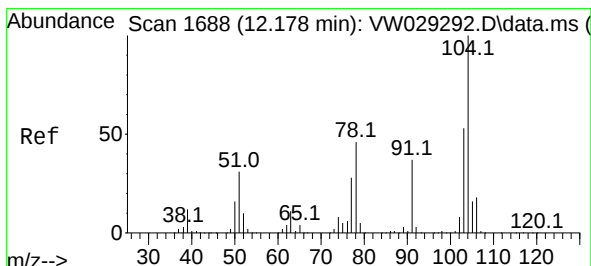
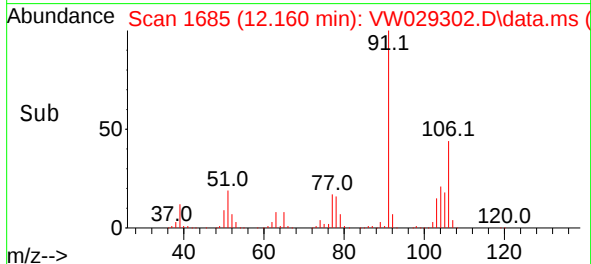
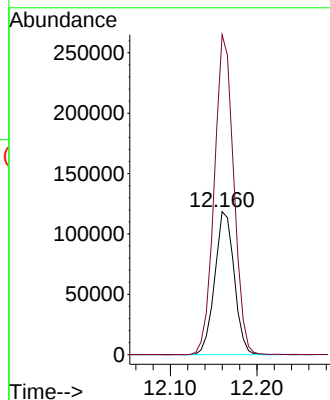
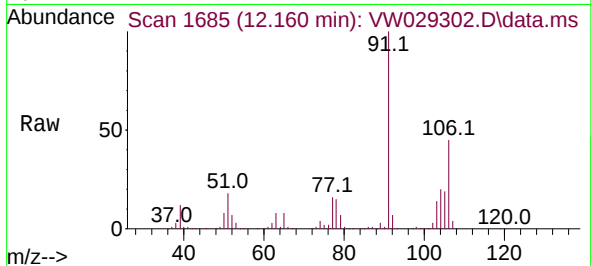




#54
o-Xylene
Concen: 23.139 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW029302.D
Acq: 21 Jun 2024 15:10

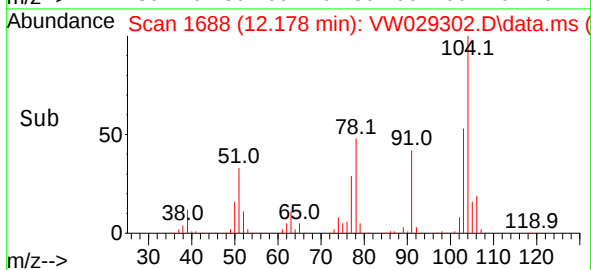
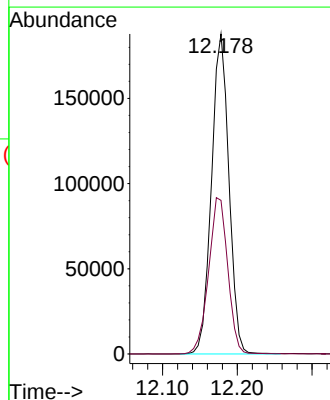
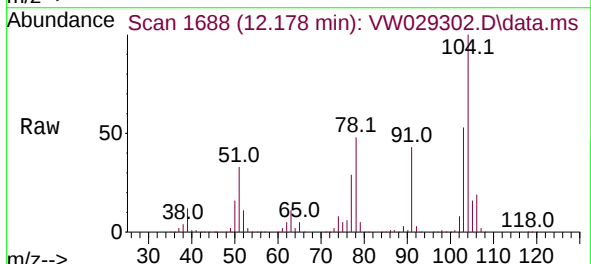
Instrument :
MSVOA_W
ClientSampleId :

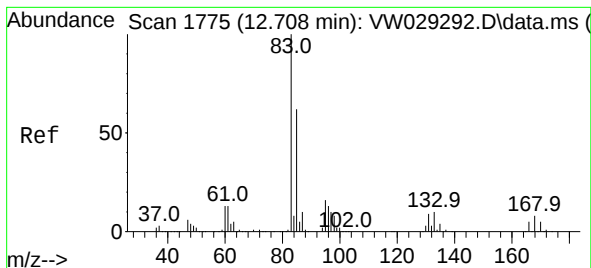
Tgt Ion:106 Resp: 184906
Ion Ratio Lower Upper
106 100
91 223.6 149.9 278.5



#55
Styrene
Concen: 21.858 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029302.D
Acq: 21 Jun 2024 15:10

Tgt Ion:104 Resp: 304548
Ion Ratio Lower Upper
104 100
78 48.0 35.4 65.7

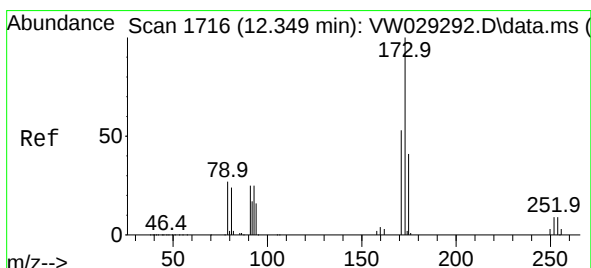
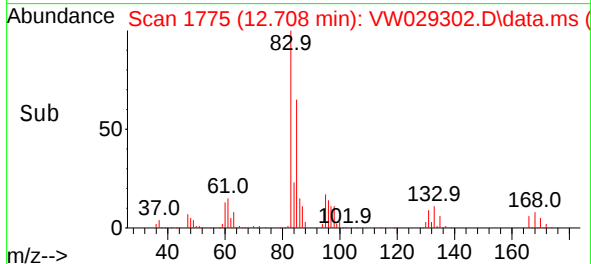
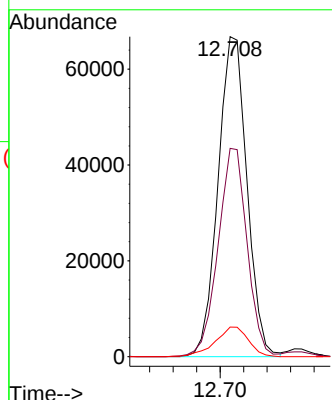
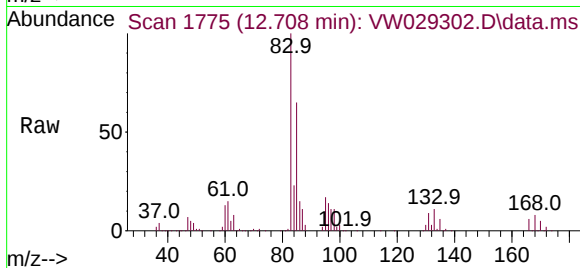




#57
1,1,2,2-Tetrachloroethane
Concen: 23.526 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW029302.D
Acq: 21 Jun 2024 15:10

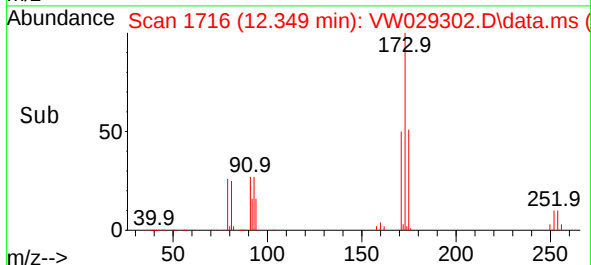
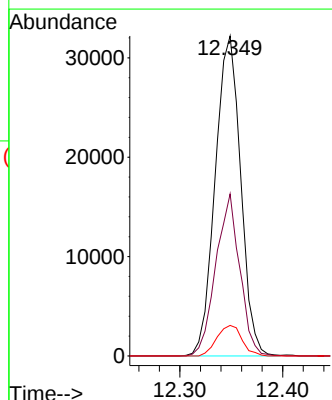
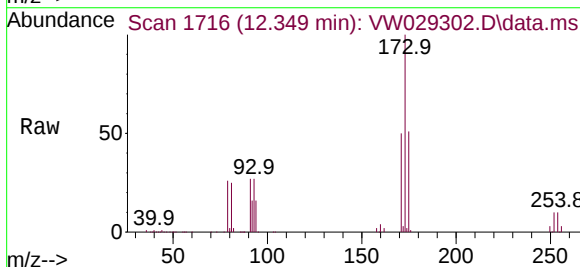
Instrument :
MSVOA_W
ClientSampleId :

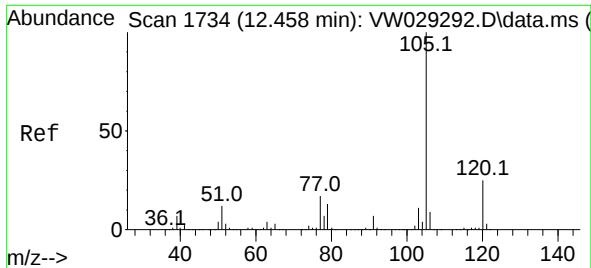
Tgt Ion: 83 Resp: 114243
Ion Ratio Lower Upper
83 100
85 65.1 45.8 85.0
131 9.2 7.8 11.6



#59
Bromoform
Concen: 33.746 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW029302.D
Acq: 21 Jun 2024 15:10

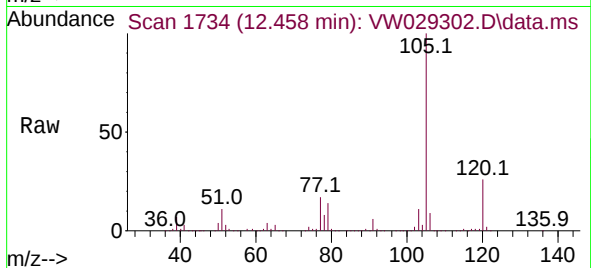
Tgt Ion:173 Resp: 55354
Ion Ratio Lower Upper
173 100
175 47.6 37.8 56.8
254 9.4 7.8 11.6



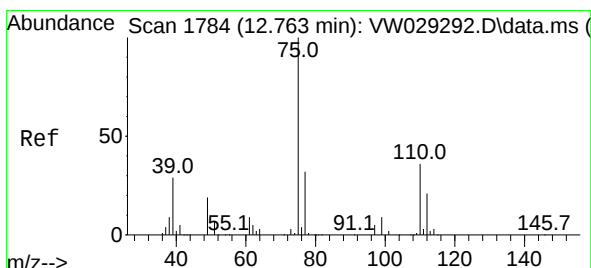
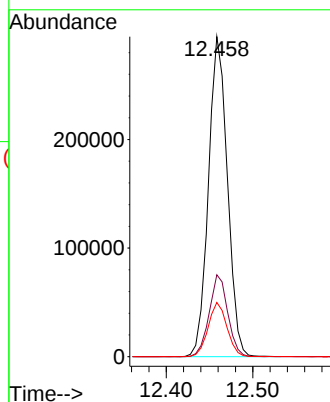
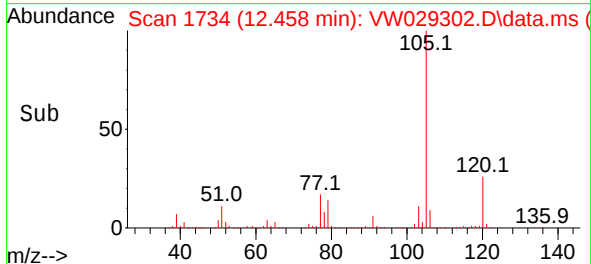


#60
Isopropylbenzene
Concen: 28.064 ug/L
RT: 12.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029302.D
Acq: 21 Jun 2024 15:10

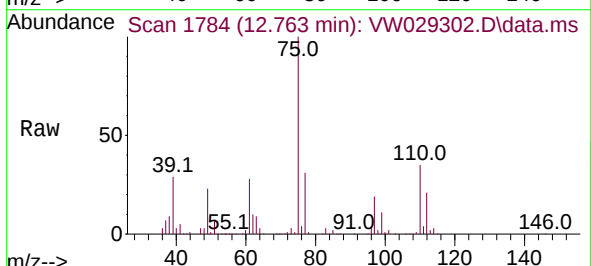
Instrument :
MSVOA_W
ClientSampleId :



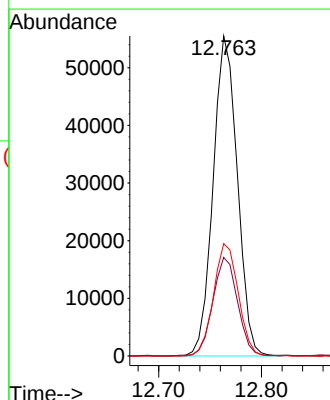
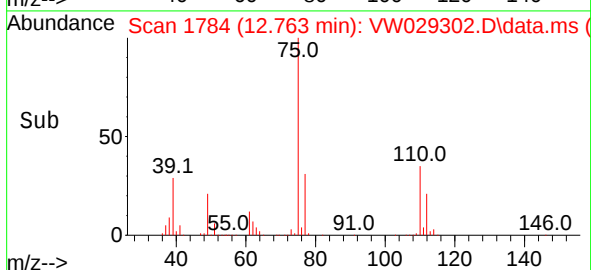
Tgt Ion:105 Resp: 447547
Ion Ratio Lower Upper
105 100
120 25.0 20.5 30.7
77 16.8 13.6 20.4

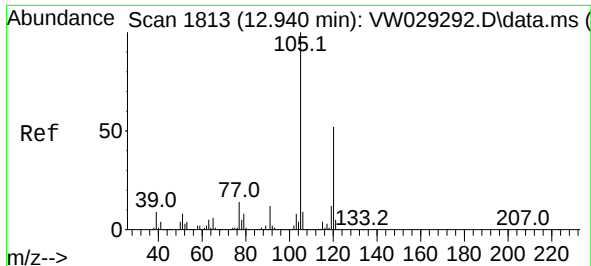


#61
1,2,3-Trichloropropane
Concen: 34.783 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029302.D
Acq: 21 Jun 2024 15:10



Tgt Ion: 75 Resp: 90800
Ion Ratio Lower Upper
75 100
77 31.3 26.6 39.8
110 35.8 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 26.680 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Instrument :

MSVOA_W

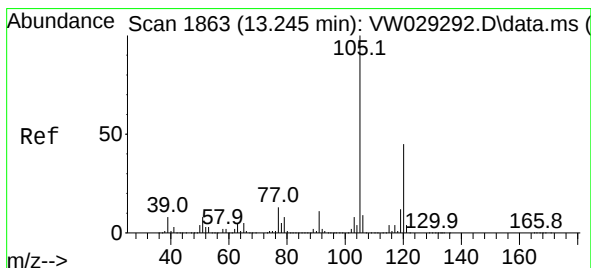
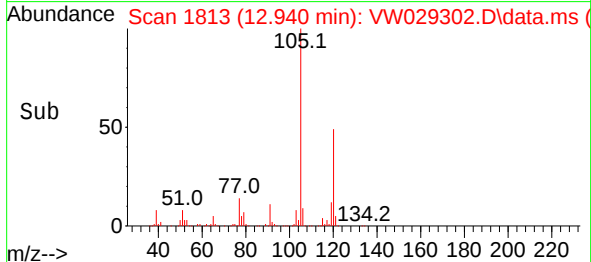
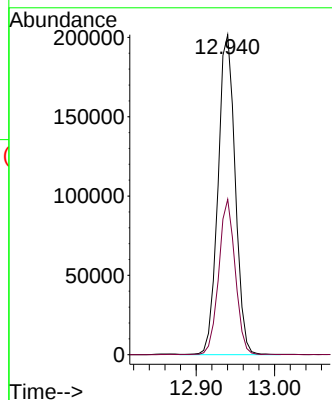
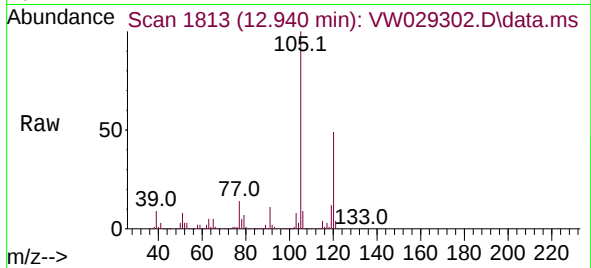
ClientSampleId :

Tgt Ion:105 Resp: 308134

Ion Ratio Lower Upper

105 100

120 46.5 36.4 54.6



#63

1,2,4-Trimethylbenzene

Concen: 26.368 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029302.D

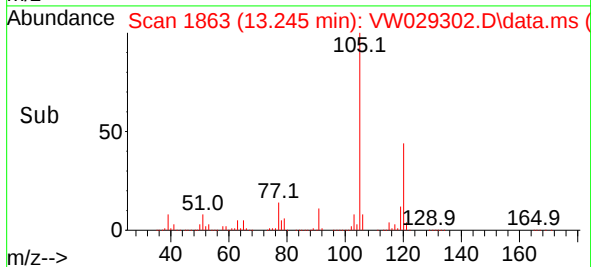
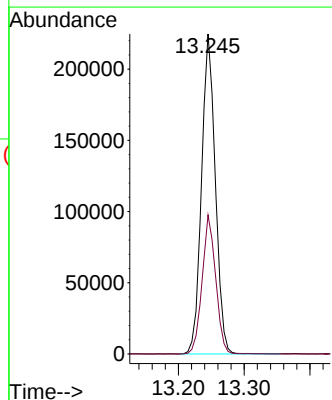
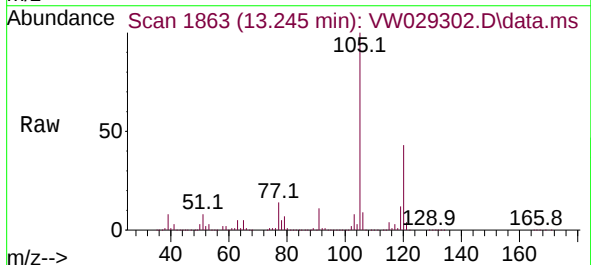
Acq: 21 Jun 2024 15:10

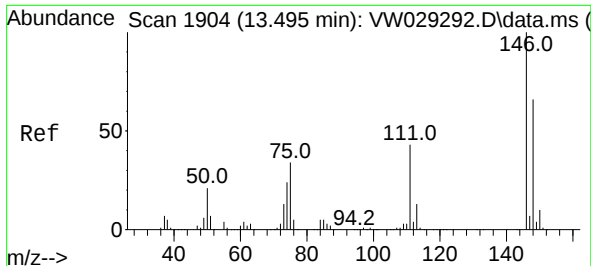
Tgt Ion:105 Resp: 327654

Ion Ratio Lower Upper

105 100

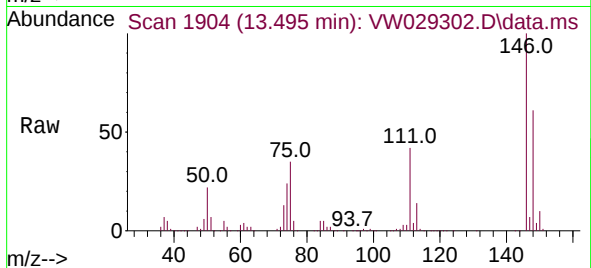
120 42.6 34.9 52.3



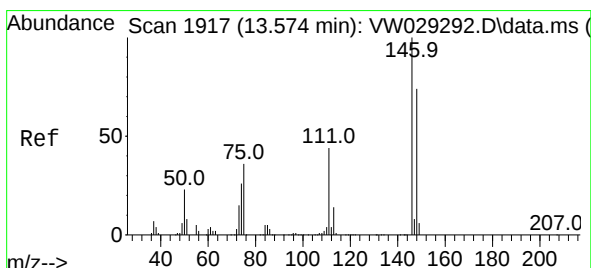
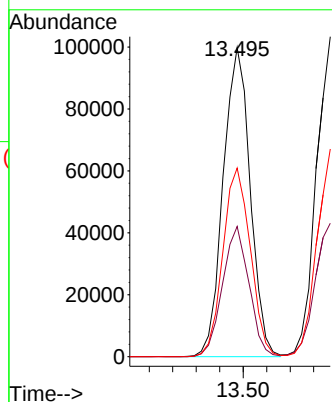
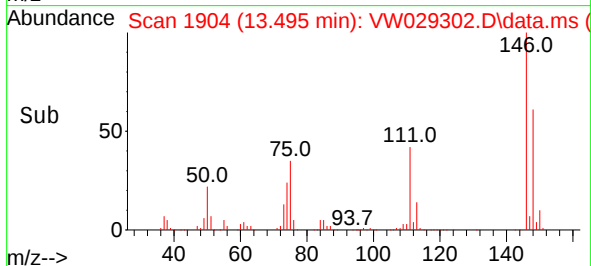


#64
1,3-Dichlorobenzene
Concen: 23.070 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029302.D
Acq: 21 Jun 2024 15:10

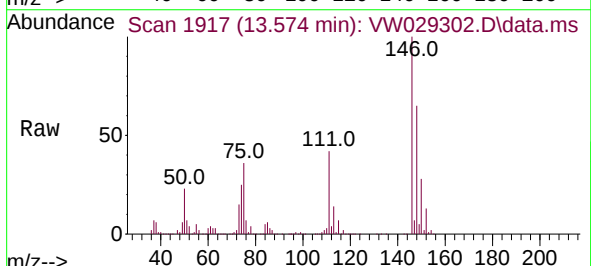
Instrument :
MSVOA_W
ClientSampleId :



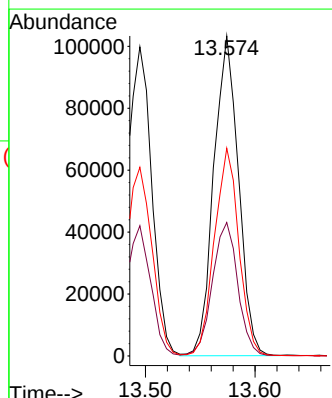
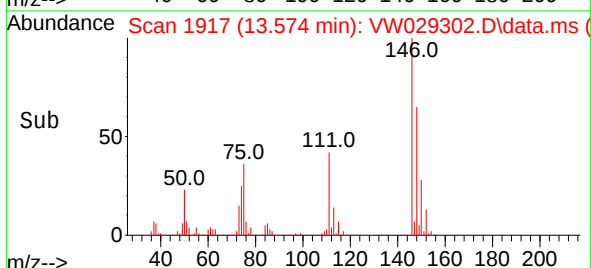
Tgt Ion:146 Resp: 159210
Ion Ratio Lower Upper
146 100
111 42.1 33.0 61.2
148 61.0 47.5 88.1

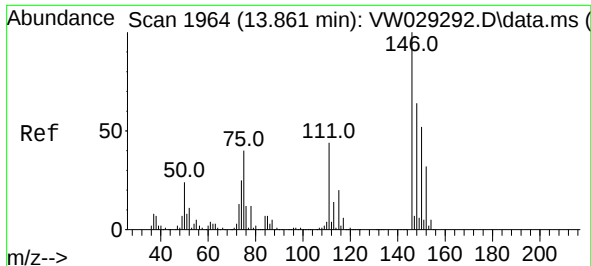


#65
1,4-Dichlorobenzene
Concen: 22.056 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029302.D
Acq: 21 Jun 2024 15:10



Tgt Ion:146 Resp: 161946
Ion Ratio Lower Upper
146 100
111 41.7 28.9 53.7
148 64.9 42.0 78.0

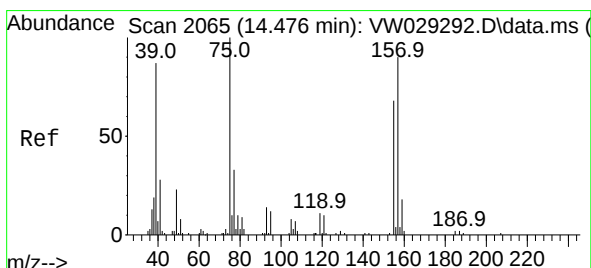
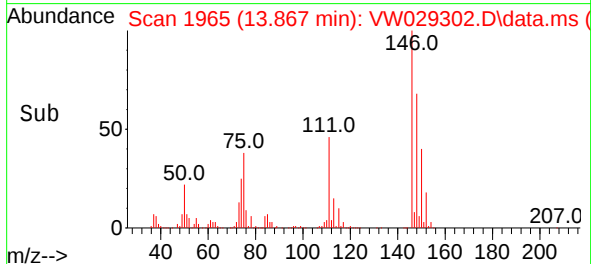
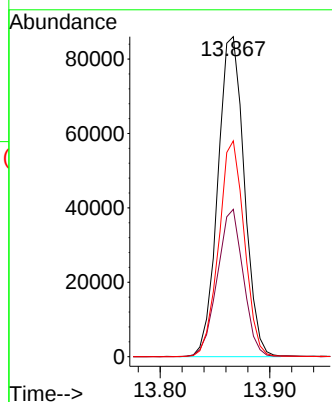
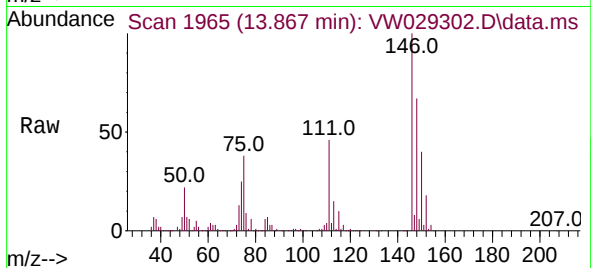




#67
1,2-Dichlorobenzene
Concen: 22.621 ug/L
RT: 13.867 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VW029302.D
Acq: 21 Jun 2024 15:10

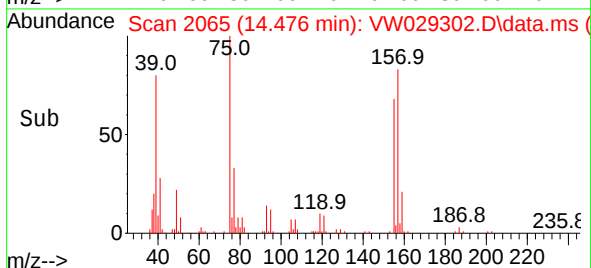
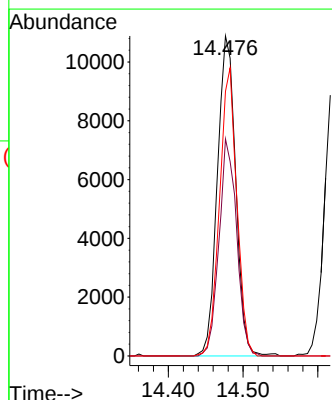
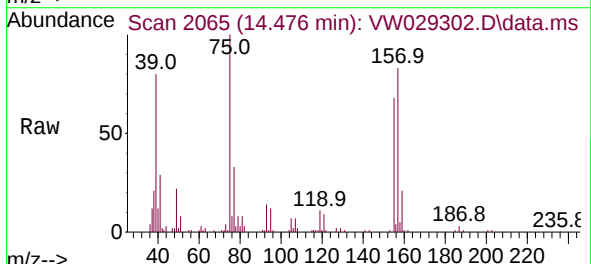
Instrument :
MSVOA_W
ClientSampleId :

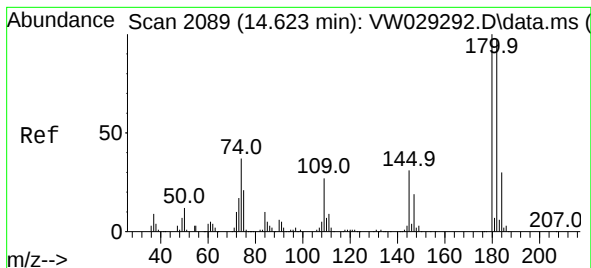
Tgt Ion:146 Resp: 144322
Ion Ratio Lower Upper
146 100
111 46.1 34.2 51.4
148 67.5 46.3 69.5



#68
1,2-Dibromo-3-chloropropane
Concen: 30.521 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029302.D
Acq: 21 Jun 2024 15:10

Tgt Ion: 75 Resp: 18593
Ion Ratio Lower Upper
75 100
155 67.8 51.0 76.6
157 82.7 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 14.687 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

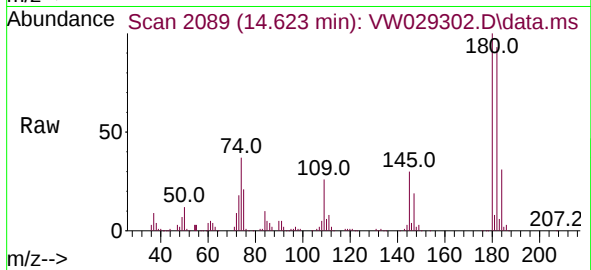
Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 68406

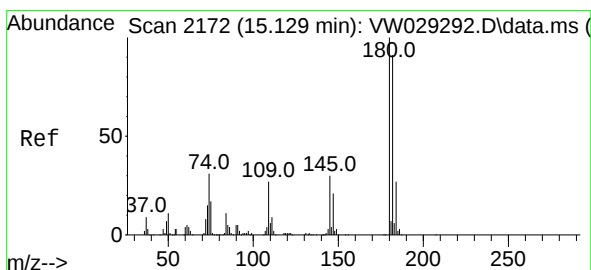
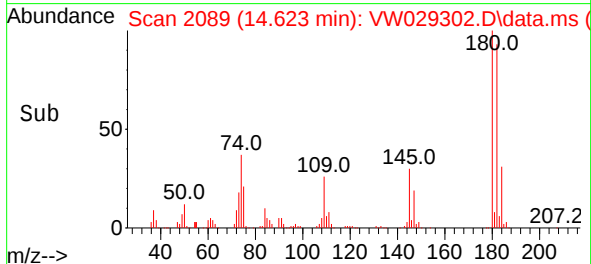
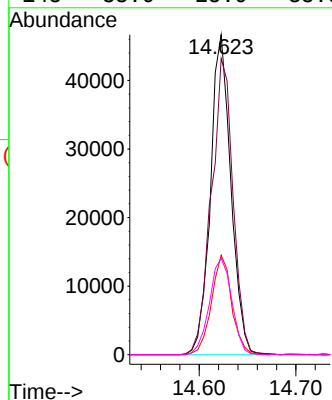
Ion Ratio Lower Upper

180 100

182 98.3 72.9 109.3

184 30.8 23.8 35.6

145 33.0 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 14.672 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

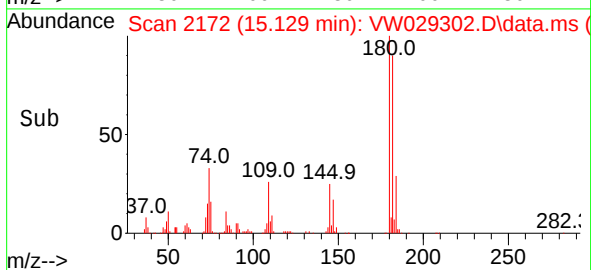
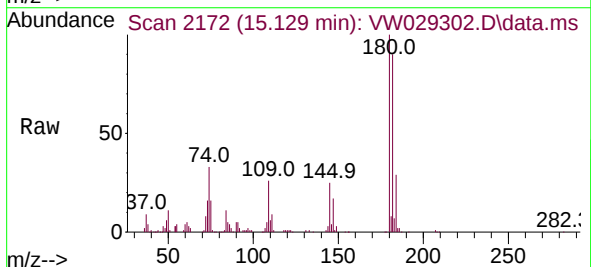
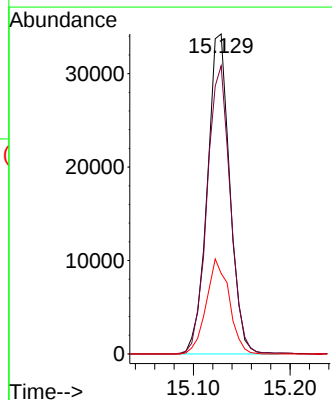
Tgt Ion:180 Resp: 55395

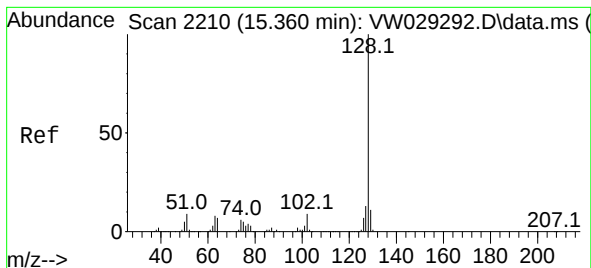
Ion Ratio Lower Upper

180 100

182 92.9 77.7 116.5

145 30.3 25.7 38.5





#71

Naphthalene

Concen: 19.269 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Instrument :

MSVOA_W

ClientSampleId :

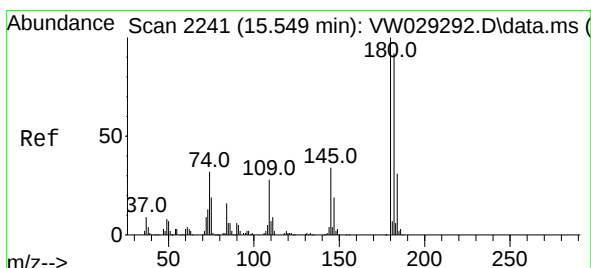
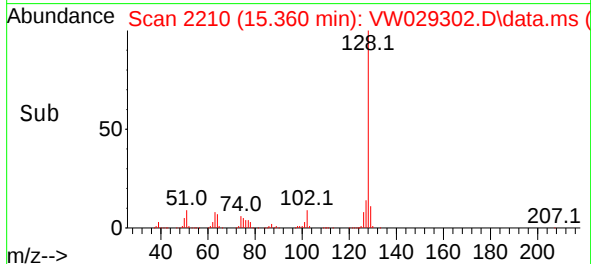
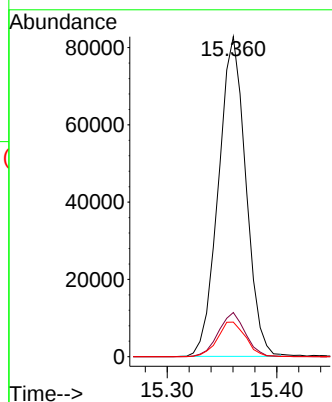
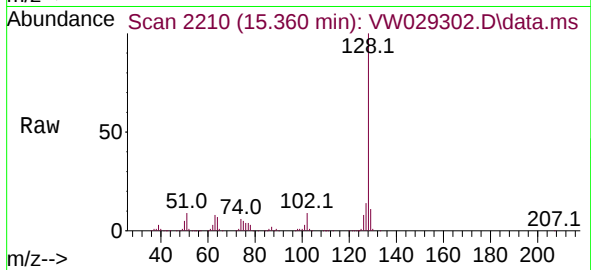
Tgt Ion:128 Resp: 143591

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 13.120 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW029302.D

Acq: 21 Jun 2024 15:10

Tgt Ion:180 Resp: 45135

Ion Ratio Lower Upper

180 100

182 92.8 73.0 109.6

145 33.8 28.1 42.1

