

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051524\
 Data File : VW028613.D
 Acq On : 15 May 2024 17:31
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 16 02:18:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 16 02:15:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	281406	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	268911	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	135830	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	106560	19.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.760%
7) Chloroethane-d5	2.905	69	91306	22.315	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.280%
11) 1,1-Dichloroethene-d2	4.027	65	46917	21.014	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.040%
21) 2-Butanone-d5	7.075	46	58587	42.024	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.040%
24) Chloroform-d	7.654	84	221072	25.142	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.560%
26) 1,2-Dichloroethane-d4	8.307	65	121976	24.230	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.920%
32) Benzene-d6	8.276	84	421653	23.502	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	9.276	67	129556	23.997	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.000%
41) Toluene-d8	10.325	98	381515	24.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.040%
43) trans-1,3-Dichloroprop...	10.575	79	50935	23.452	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.800%
47) 2-Hexanone-d5	10.922	63	39804	42.747	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103158	22.787	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	123787	23.911	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	79013	19.321	ug/L	94
3) Chloromethane	2.222	50	106286	20.979	ug/L	98
5) Vinyl chloride	2.375	62	120178	21.070	ug/L	99
6) Bromomethane	2.795	94	74399	22.549	ug/L	97
8) Chloroethane	2.942	64	74455	22.889	ug/L	97
9) Trichlorofluoromethane	3.271	101	93014	19.863	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	86162	19.957	ug/L	94
12) 1,1-Dichloroethene	4.051	96	83743	21.623	ug/L	93
13) Acetone	4.124	43	37850	29.843	ug/L	96
14) Carbon disulfide	4.399	76	266298	20.345	ug/L	99
15) Methyl Acetate	4.673	43	43420	19.678	ug/L	99
16) Methylene chloride	4.917	84	95487	21.940	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	90050	22.333	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	139317	23.414	ug/L	100
19) 1,1-Dichloroethane	6.222	63	188690	23.599	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	100617	23.844	ug/L	93
22) 2-Butanone	7.173	43	53727	33.004	ug/L	100
23) Bromochloromethane	7.514	128	44310	24.072	ug/L	95
25) Chloroform	7.679	83	189862	24.551	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051524\
 Data File : VW028613.D
 Acq On : 15 May 2024 17:31
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 16 02:18:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 16 02:15:20 2024
 Response via : Initial Calibration

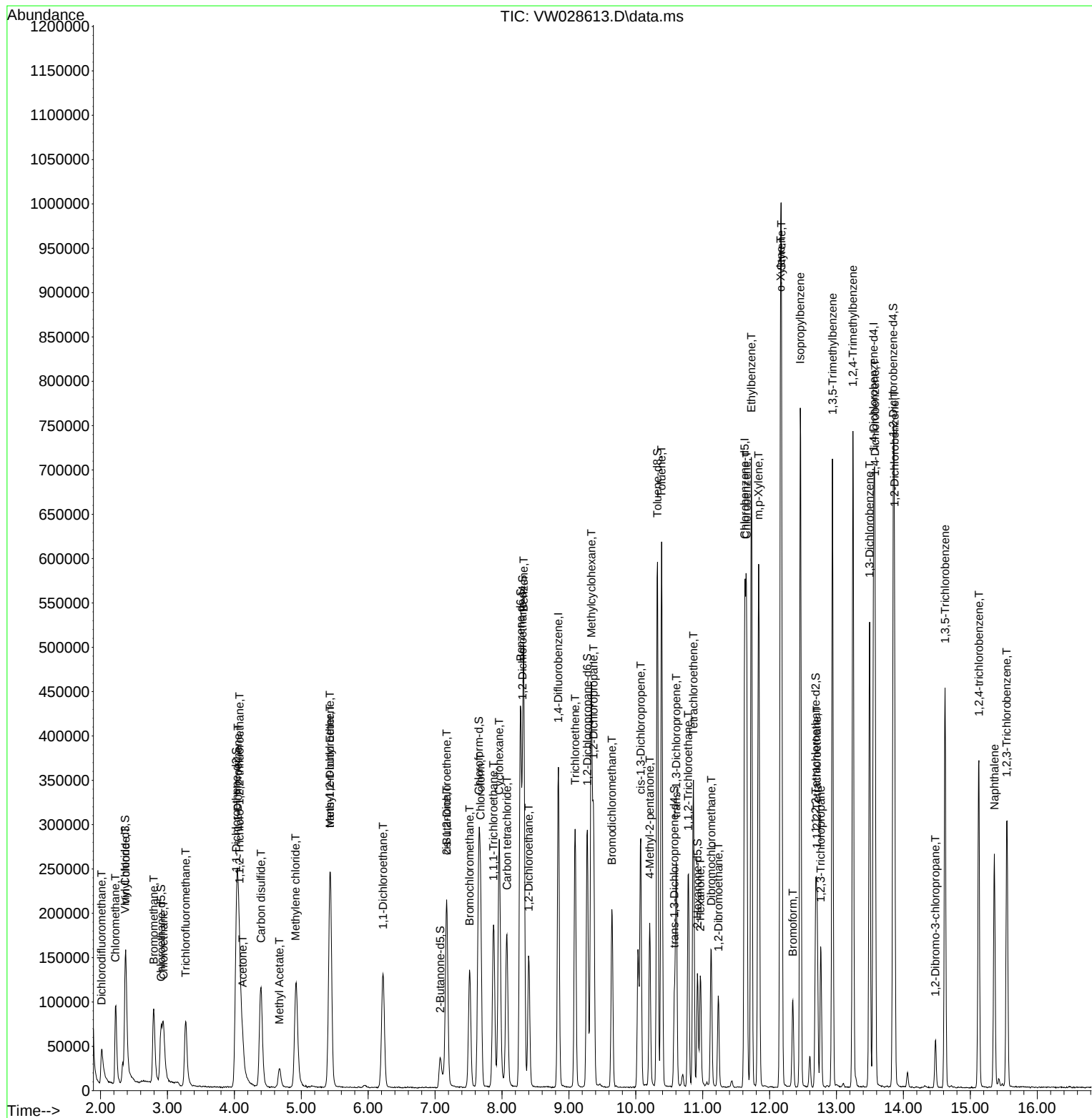
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	134206	23.873	ug/L	100
29) Cyclohexane	7.959	56	156822	20.453	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	145206	21.548	ug/L	99
31) Carbon tetrachloride	8.075	117	128486	20.912	ug/L	99
33) Benzene	8.325	78	400877	22.989	ug/L	100
34) Trichloroethene	9.093	95	102258	21.872	ug/L	96
35) Methylcyclohexane	9.337	83	167725	20.528	ug/L	100
37) 1,2-Dichloropropane	9.367	63	106441	23.425	ug/L	99
38) Bromodichloromethane	9.642	83	133481	24.099	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	155586	23.890	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	121184	39.186	ug/L	99
42) Toluene	10.386	91	426916	23.704	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	128032	23.316	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	71970	21.865	ug/L	98
46) Tetrachloroethene	10.861	164	71357	21.184	ug/L	96
48) 2-Hexanone	10.965	43	84506	38.706	ug/L	98
49) Dibromochloromethane	11.129	129	77130	23.362	ug/L	96
50) 1,2-Dibromoethane	11.233	107	67347	21.842	ug/L #	100
51) Chlorobenzene	11.654	112	260293	23.364	ug/L	97
52) Ethylbenzene	11.727	91	478501	23.477	ug/L	96
53) m,p-Xylene	11.837	106	176794	23.663	ug/L	93
54) o-Xylene	12.166	106	165777	23.985	ug/L	99
55) Styrene	12.178	104	293900	25.095	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	86138	20.858	ug/L	94
59) Bromoform	12.349	173	43148	21.774	ug/L	98
60) Isopropylbenzene	12.458	105	467286	22.676	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63251	19.268	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	345231	23.678	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	376702	23.979	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	195077	22.756	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	202480	23.102	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	175626	22.889	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	13444	17.516	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	124686	21.675	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	108828	23.413	ug/L	95
71) Naphthalene	15.360	128	204374	20.638	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	95371	22.739	ug/L	98

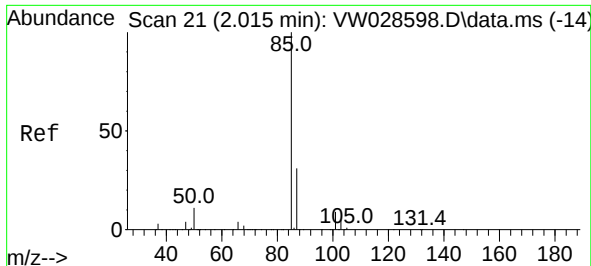
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051524\
Data File : VW028613.D
Acq On : 15 May 2024 17:31
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: May 16 02:18:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 16 02:15:20 2024
Response via : Initial Calibration

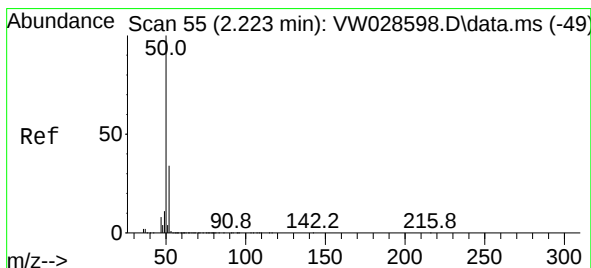
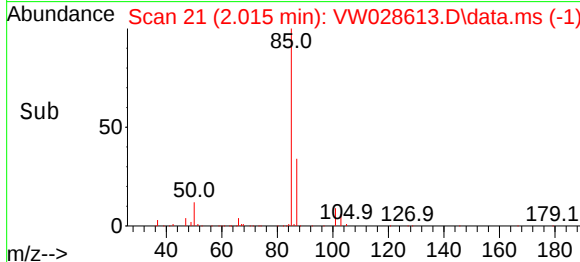
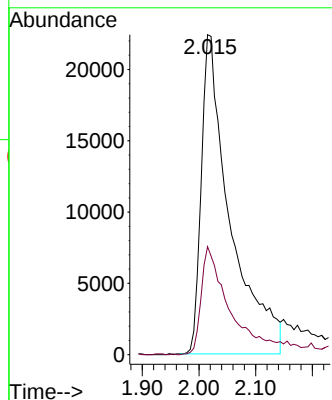
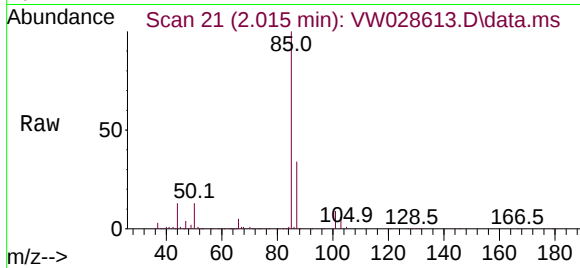




#2
Dichlorodifluoromethane
Concen: 19.321 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW028613.D
Acq: 15 May 2024 17:31

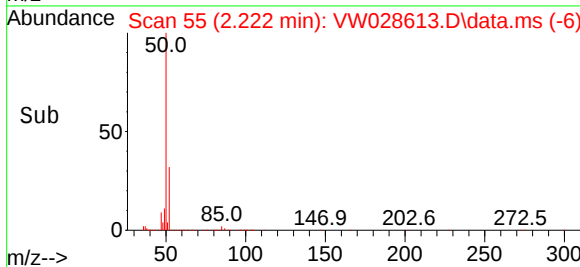
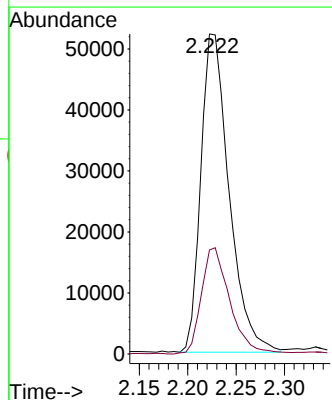
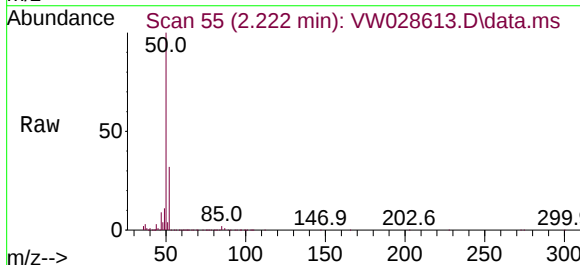
Instrument :
MSVOA_W
ClientSampleId :

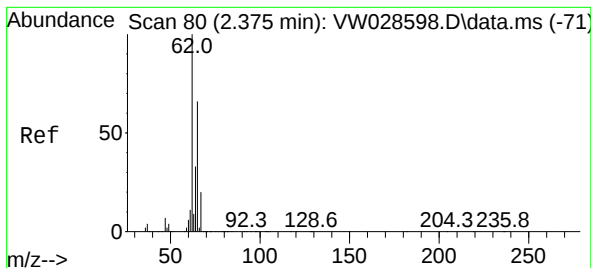
Tgt Ion: 85 Resp: 79013
Ion Ratio Lower Upper
85 100
87 30.4 21.9 32.9



#3
Chloromethane
Concen: 20.979 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW028613.D
Acq: 15 May 2024 17:31

Tgt Ion: 50 Resp: 106286
Ion Ratio Lower Upper
50 100
52 32.5 22.0 41.0





#5

Vinyl chloride

Concen: 21.070 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

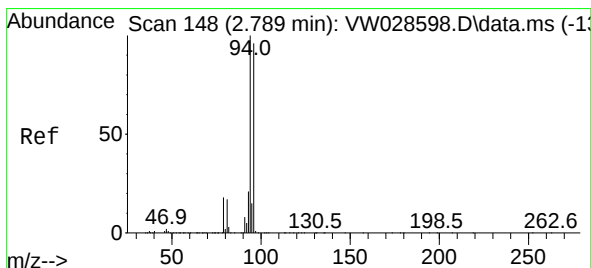
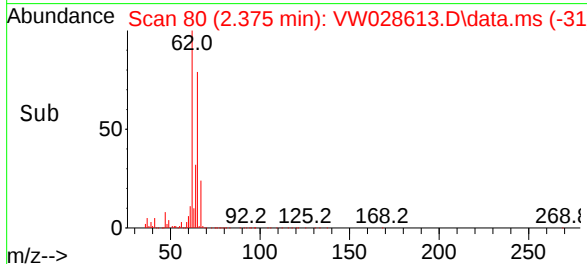
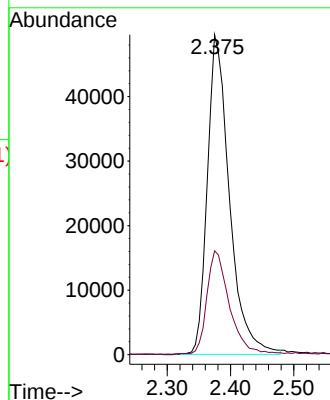
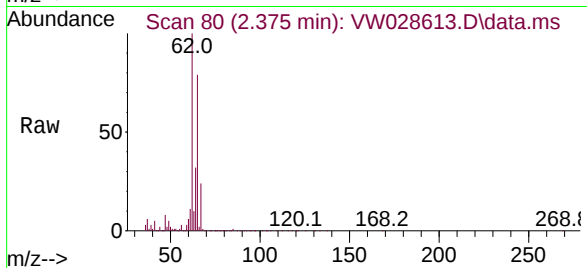
ClientSampleId :

Tgt Ion: 62 Resp: 120178

Ion Ratio Lower Upper

62 100

64 32.5 23.3 43.3



#6

Bromomethane

Concen: 22.549 ug/L

RT: 2.795 min Scan# 149

Delta R.T. 0.006 min

Lab File: VW028613.D

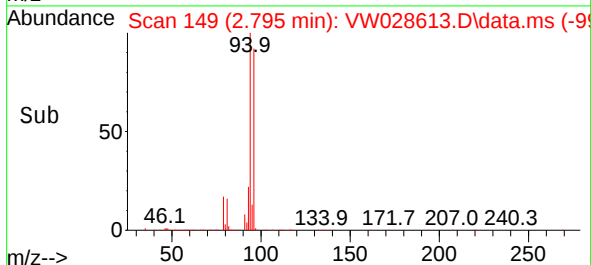
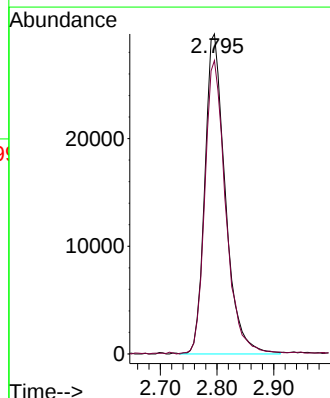
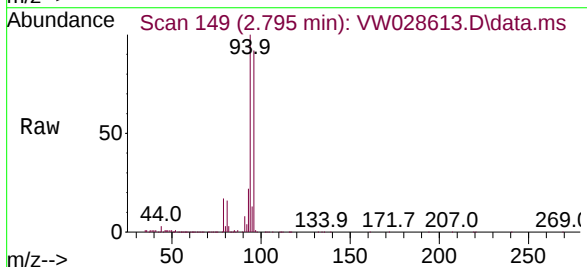
Acq: 15 May 2024 17:31

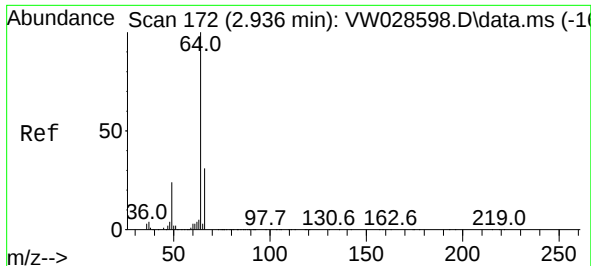
Tgt Ion: 94 Resp: 74399

Ion Ratio Lower Upper

94 100

96 91.7 66.3 123.1

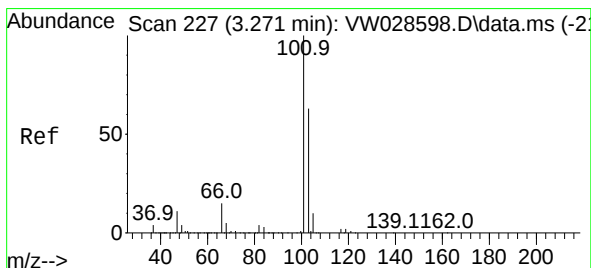
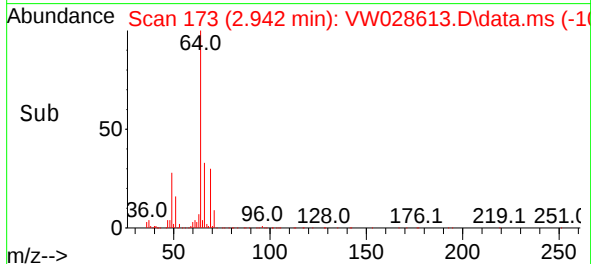
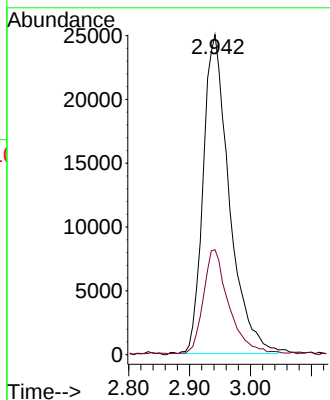
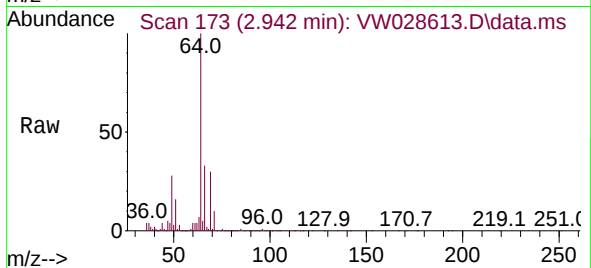




#8
Chloroethane
Concen: 22.889 ug/L
RT: 2.942 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW028613.D
Acq: 15 May 2024 17:31

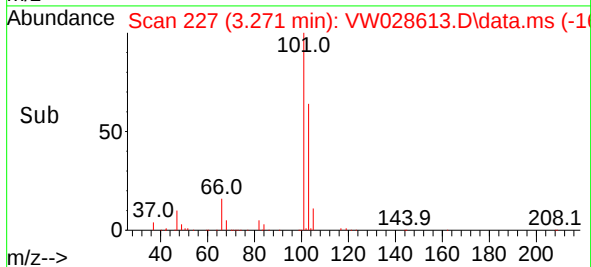
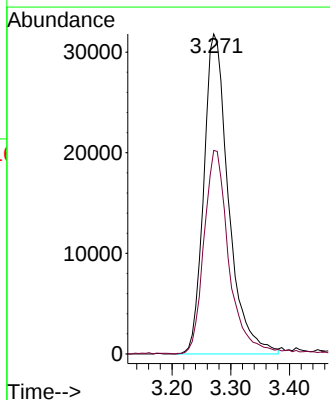
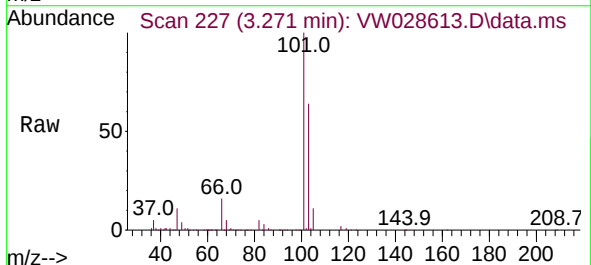
Instrument :
MSVOA_W
ClientSampleId :

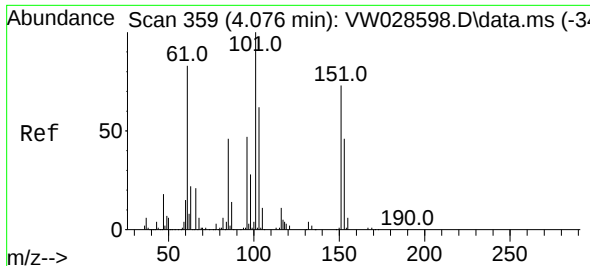
Tgt Ion: 64 Resp: 74455
Ion Ratio Lower Upper
64 100
66 32.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 19.863 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028613.D
Acq: 15 May 2024 17:31

Tgt Ion:101 Resp: 93014
Ion Ratio Lower Upper
101 100
103 64.0 50.4 75.6





#10

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

Concen: 19.957 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

ClientSampleId :

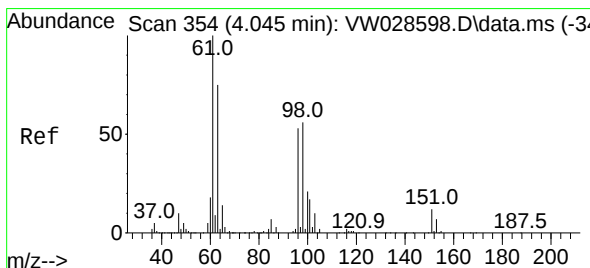
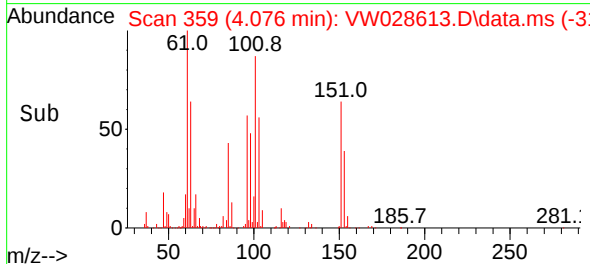
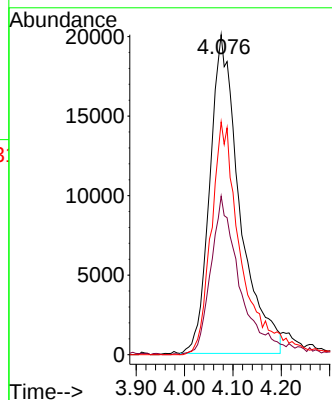
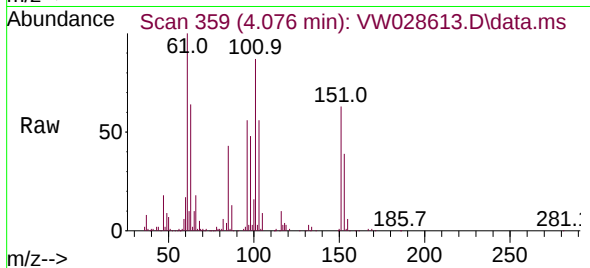
Tgt Ion:101 Resp: 86162

Ion Ratio Lower Upper

101 100

85 45.6 35.8 53.8

151 69.4 49.6 74.4



#12

1,1-Dichloroethene

Concen: 21.623 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

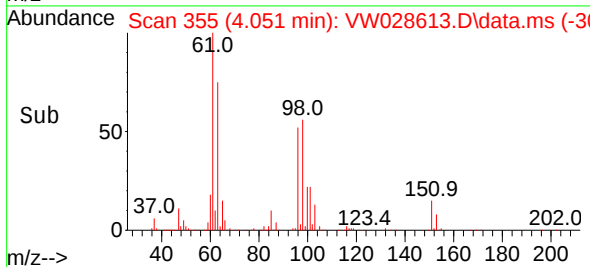
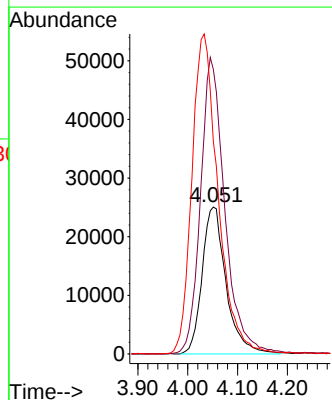
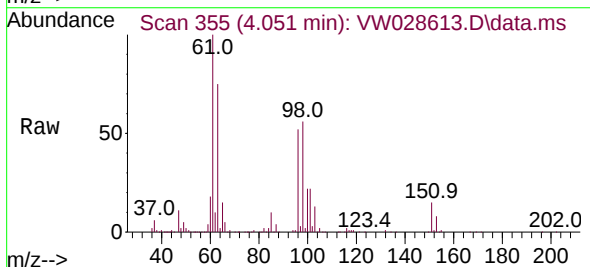
Tgt Ion: 96 Resp: 83743

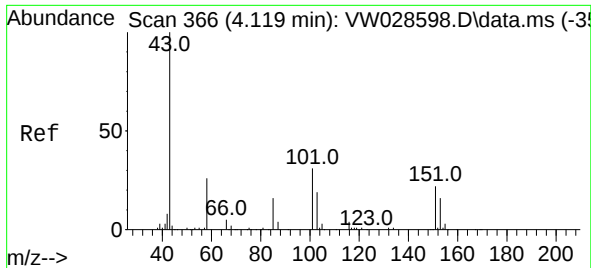
Ion Ratio Lower Upper

96 100

61 193.7 131.6 244.4

63 144.8 111.4 206.8

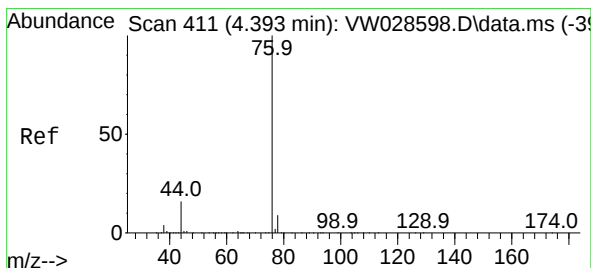
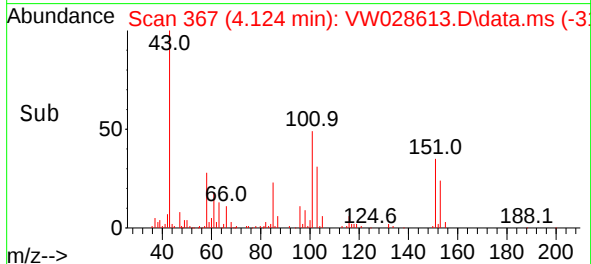
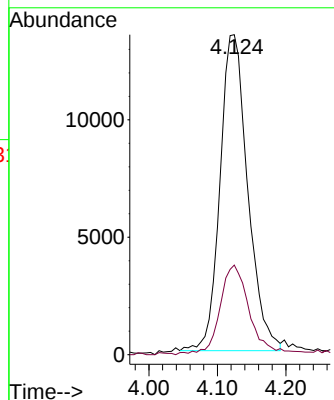
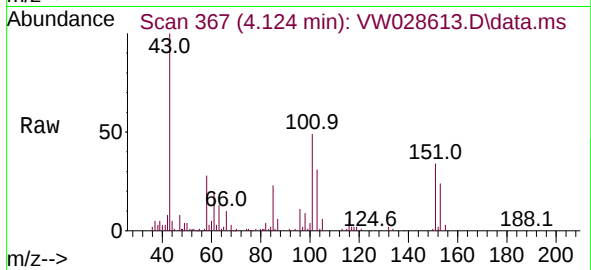




#13
Acetone
Concen: 29.843 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW028613.D
Acq: 15 May 2024 17:31

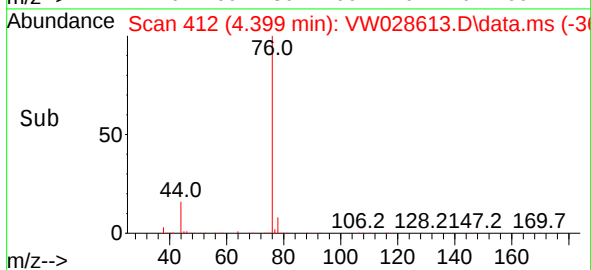
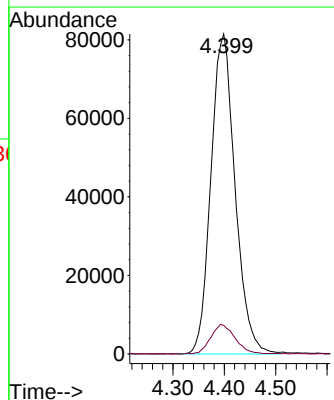
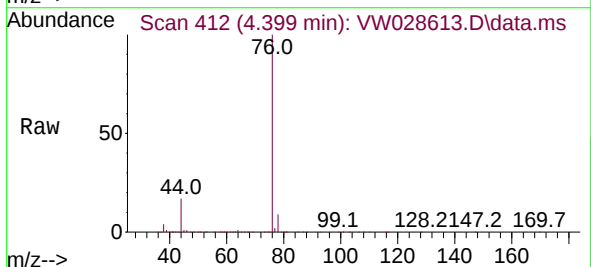
Instrument :
MSVOA_W
ClientSampleId :

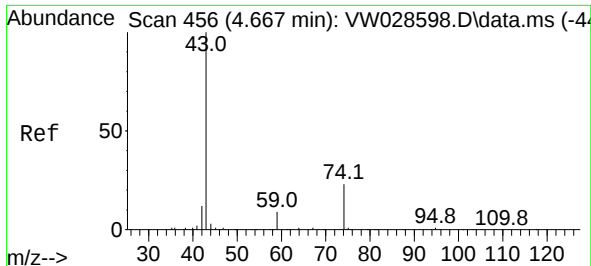
Tgt Ion: 43 Resp: 37850
Ion Ratio Lower Upper
43 100
58 29.5 0.0 54.4



#14
Carbon disulfide
Concen: 20.345 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.006 min
Lab File: VW028613.D
Acq: 15 May 2024 17:31

Tgt Ion: 76 Resp: 266298
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0





#15

Methyl Acetate

Concen: 19.678 ug/L

RT: 4.673 min Scan# 4

Delta R.T. 0.006 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

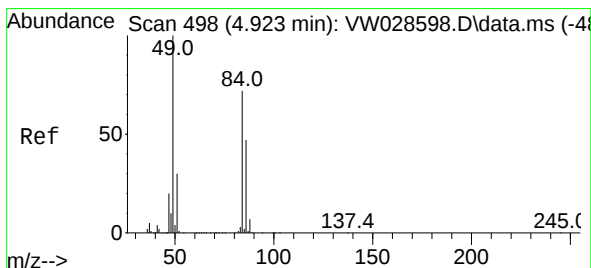
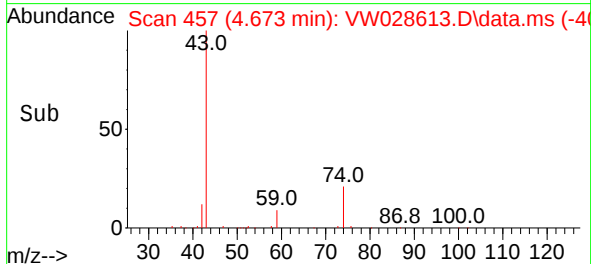
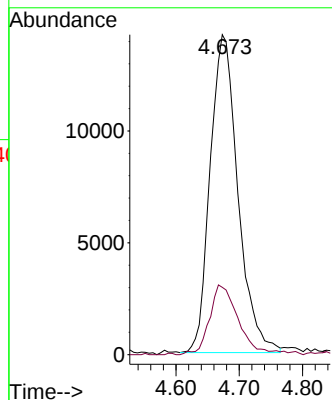
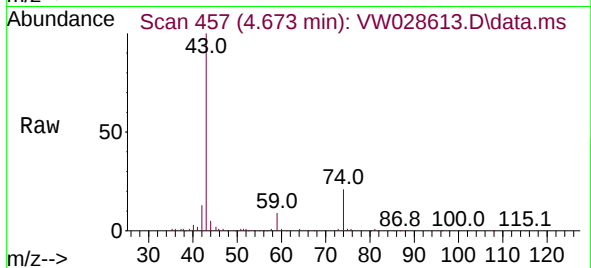
ClientSampleId :

Tgt Ion: 43 Resp: 43420

Ion Ratio Lower Upper

43 100

74 21.3 17.6 26.4



#16

Methylene chloride

Concen: 21.940 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.006 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

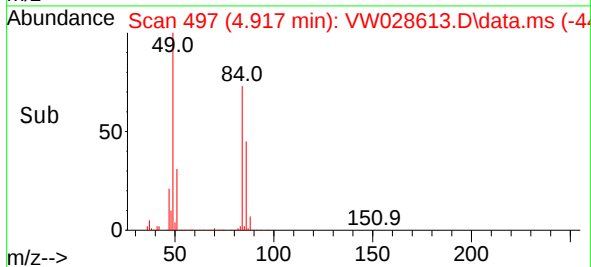
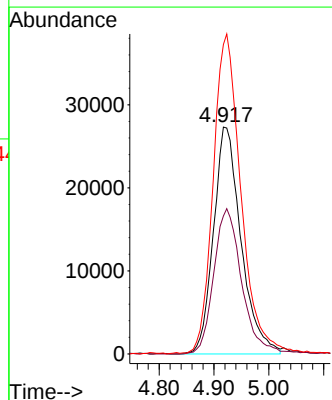
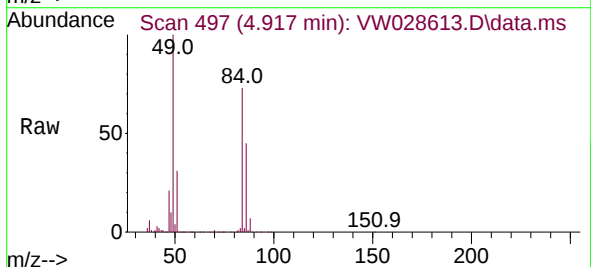
Tgt Ion: 84 Resp: 95487

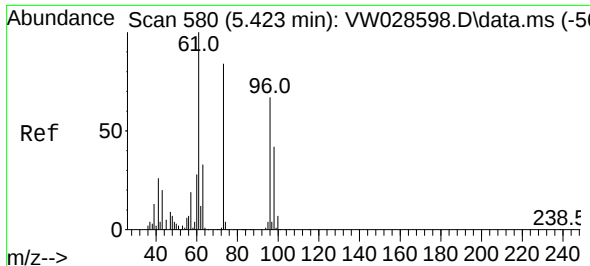
Ion Ratio Lower Upper

84 100

86 60.8 44.4 82.4

49 136.4 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 22.333 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

ClientSampleId :

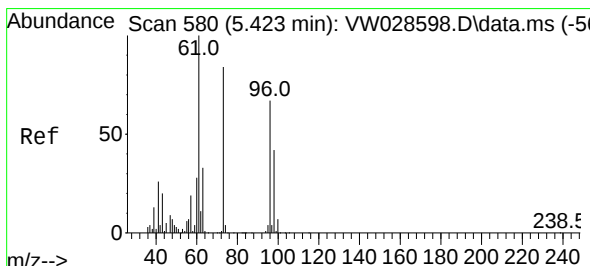
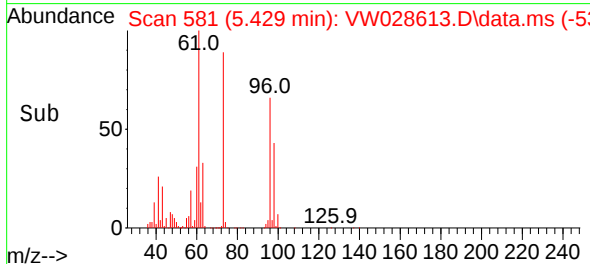
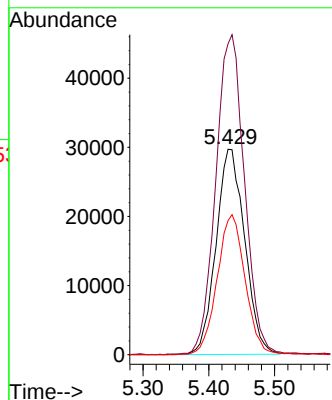
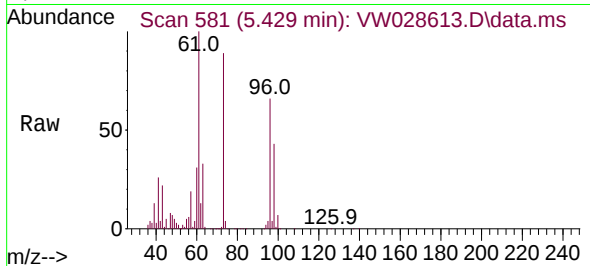
Tgt Ion: 96 Resp: 90050

Ion Ratio Lower Upper

96 100

61 151.3 109.0 202.4

98 65.2 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 23.414 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

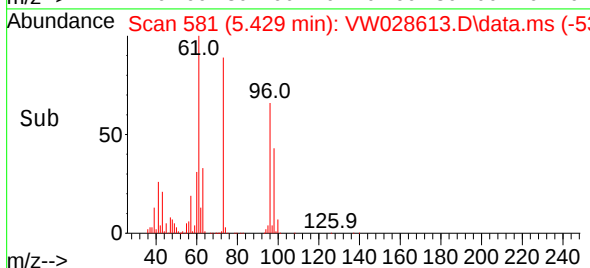
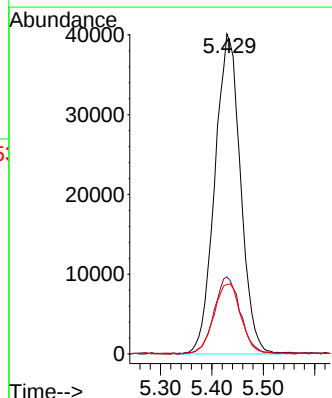
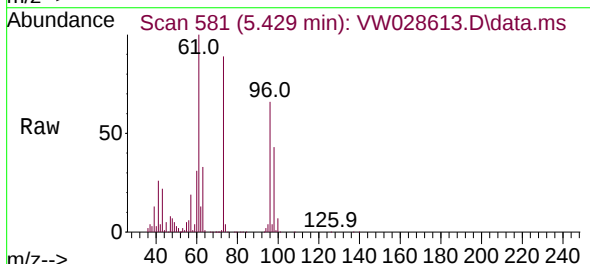
Tgt Ion: 73 Resp: 139317

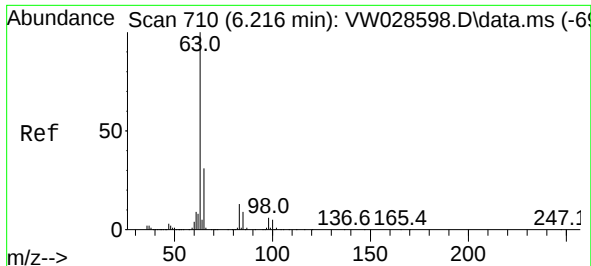
Ion Ratio Lower Upper

73 100

43 23.8 19.2 28.8

57 23.1 18.5 27.7





#19

1,1-Dichloroethane

Concen: 23.599 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

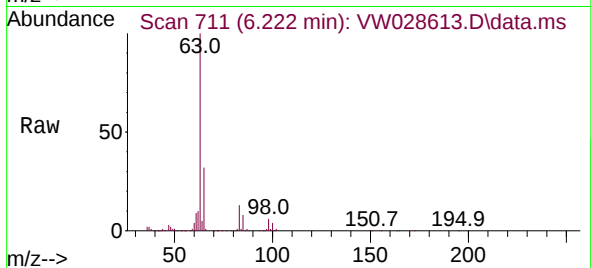
Lab File: VW028613.D

Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

ClientSampleId :



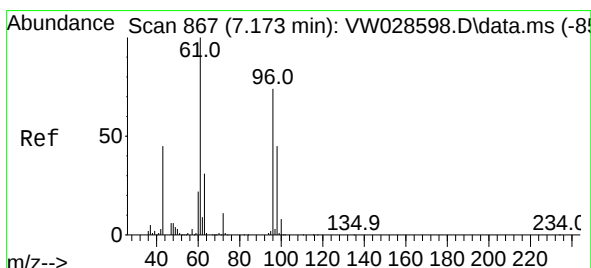
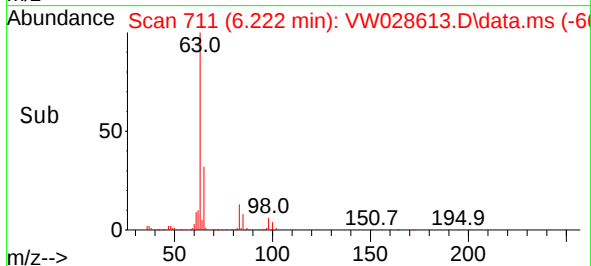
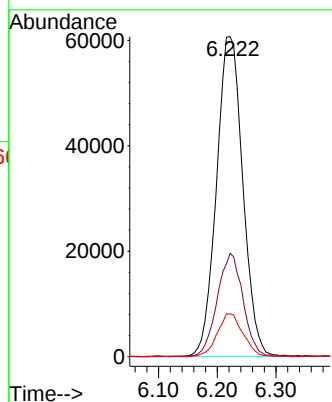
Tgt Ion: 63 Resp: 188690

Ion Ratio Lower Upper

63 100

65 32.3 22.9 42.5

83 13.3 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 23.844 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

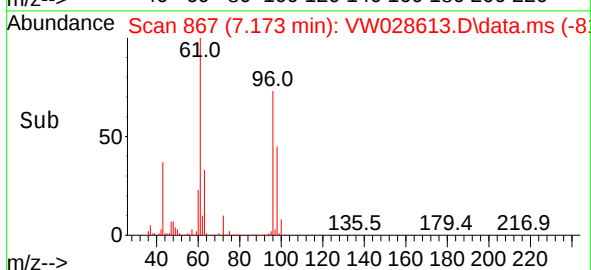
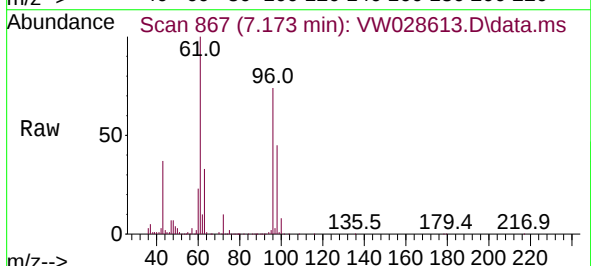
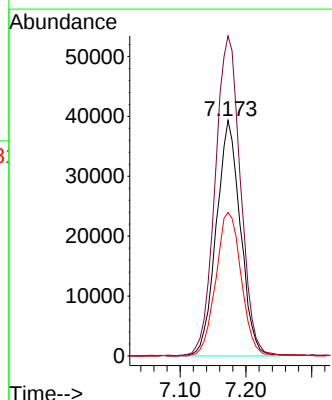
Tgt Ion: 96 Resp: 100617

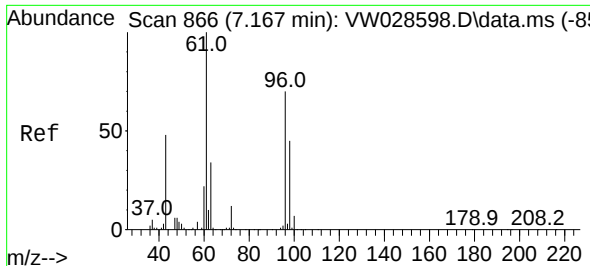
Ion Ratio Lower Upper

96 100

61 135.9 102.8 191.0

98 61.0 44.3 82.3

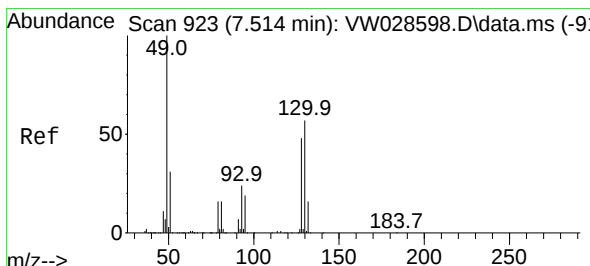
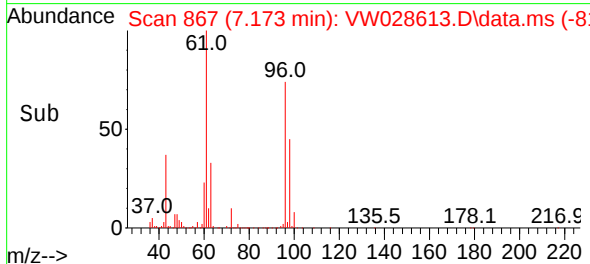
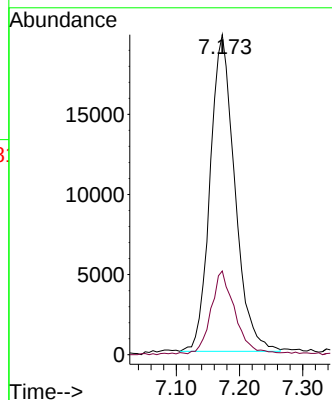
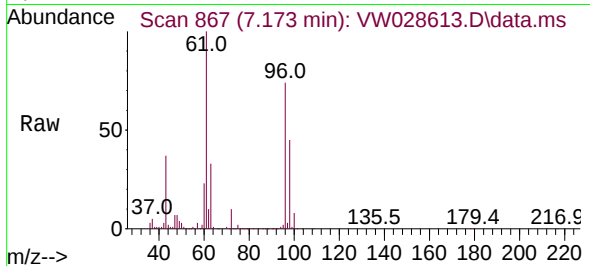




#22
2-Butanone
Concen: 33.004 ug/L
RT: 7.173 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW028613.D
Acq: 15 May 2024 17:31

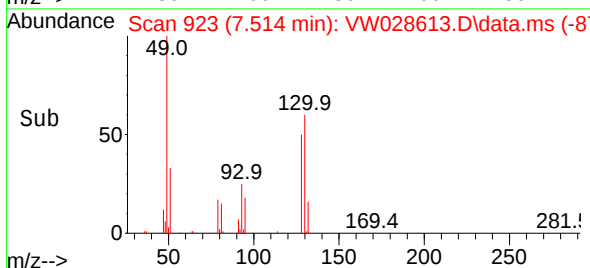
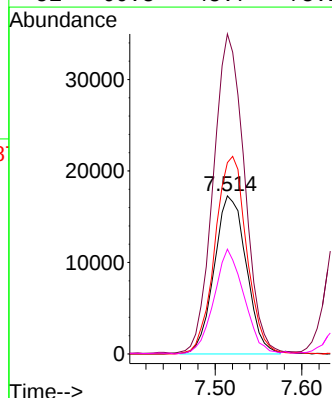
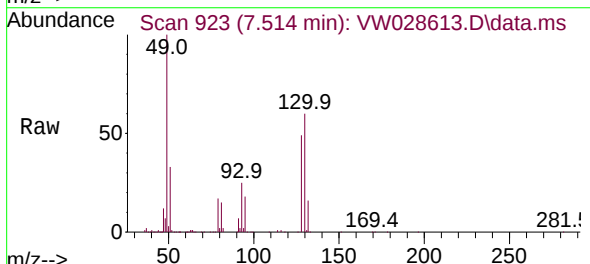
Instrument :
MSVOA_W
ClientSampleId :

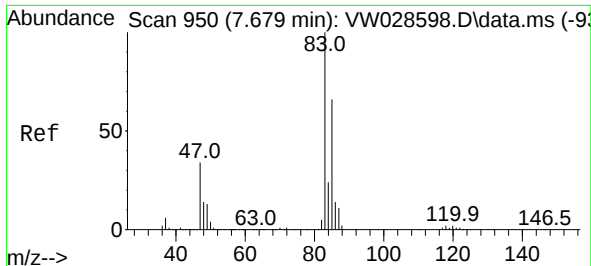
Tgt Ion: 43 Resp: 53727
Ion Ratio Lower Upper
43 100
72 24.4 12.2 36.6



#23
Bromochloromethane
Concen: 24.072 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028613.D
Acq: 15 May 2024 17:31

Tgt Ion: 128 Resp: 44310
Ion Ratio Lower Upper
128 100
49 202.5 139.6 259.2
130 121.1 91.2 169.4
51 66.3 48.7 73.1





#25

Chloroform

Concen: 24.551 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

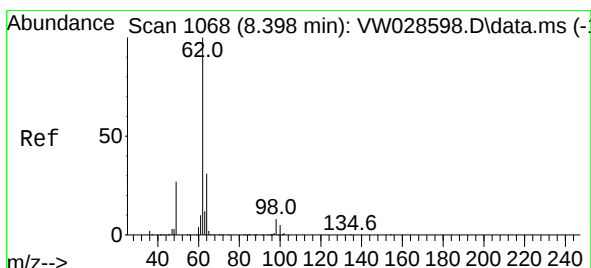
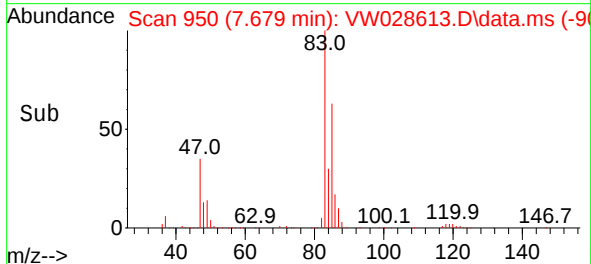
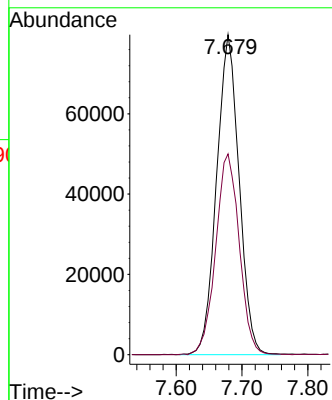
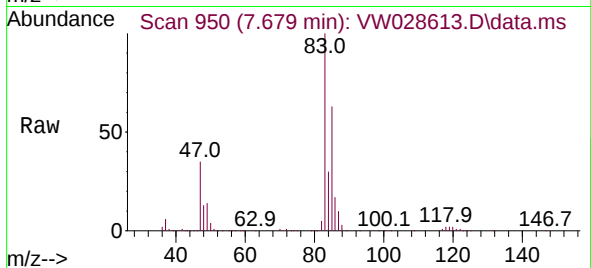
ClientSampleId :

Tgt Ion: 83 Resp: 189862

Ion Ratio Lower Upper

83 100

85 62.8 43.4 80.6



#27

1,2-Dichloroethane

Concen: 23.873 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028613.D

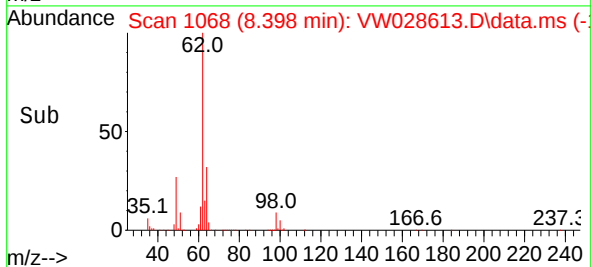
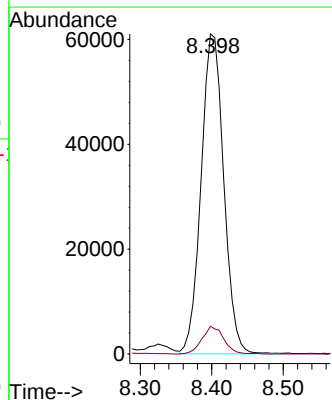
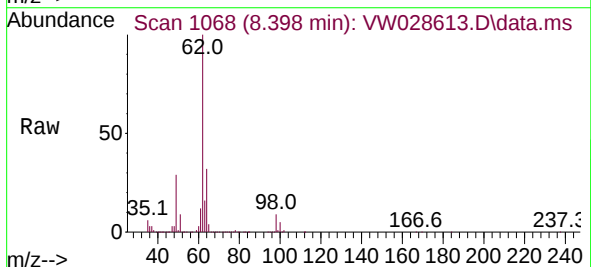
Acq: 15 May 2024 17:31

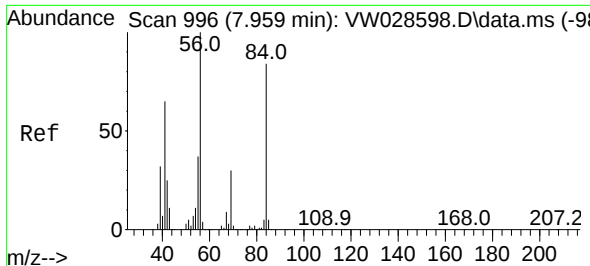
Tgt Ion: 62 Resp: 134206

Ion Ratio Lower Upper

62 100

98 8.6 7.0 10.6





#29

Cyclohexane

Concen: 20.453 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

ClientSampleId :

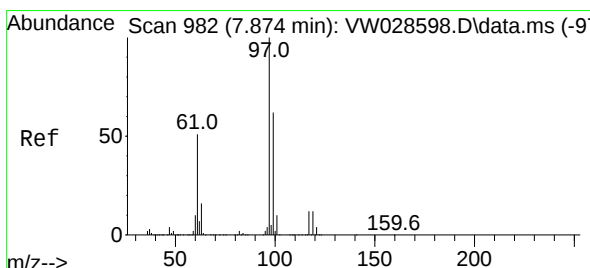
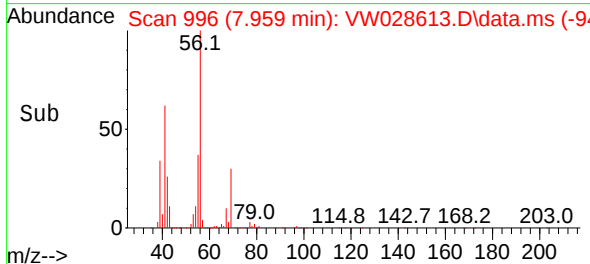
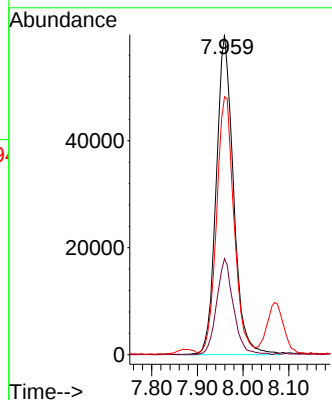
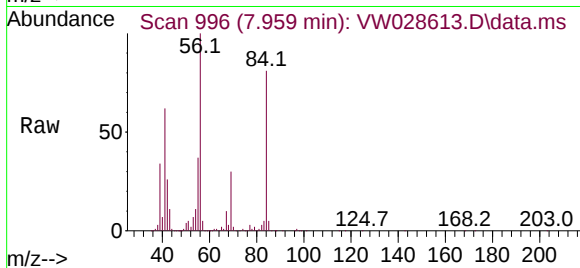
Tgt Ion: 56 Resp: 156822

Ion Ratio Lower Upper

56 100

69 29.3 23.4 35.0

84 81.1 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 21.548 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

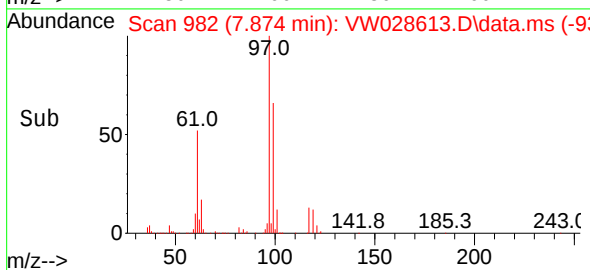
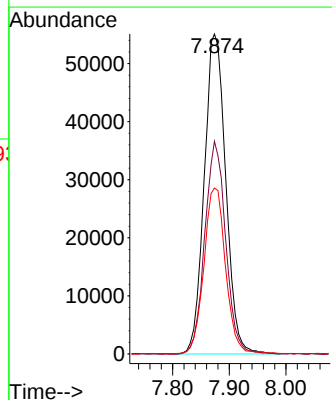
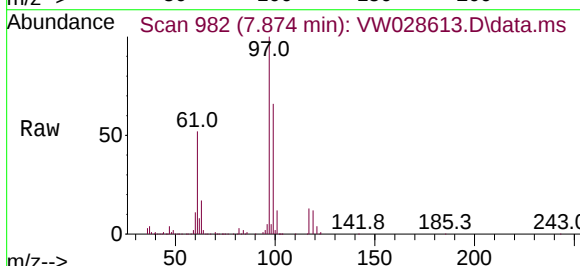
Tgt Ion: 97 Resp: 145206

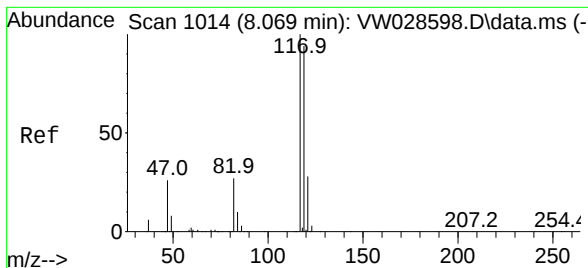
Ion Ratio Lower Upper

97 100

99 64.6 50.9 76.3

61 52.0 41.0 61.6





#31

Carbon tetrachloride

Concen: 20.912 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

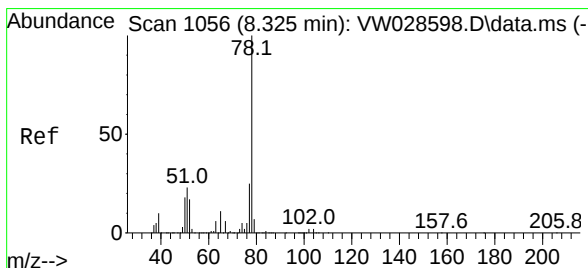
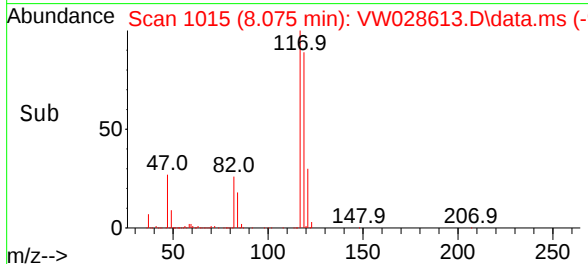
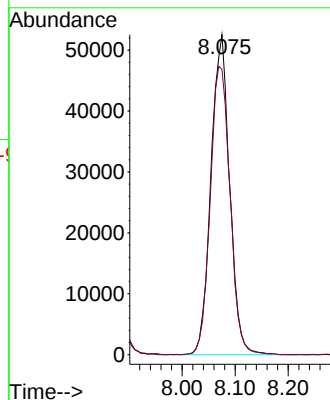
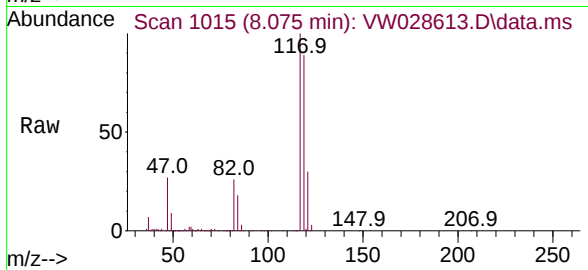
ClientSampleId :

Tgt Ion:117 Resp: 128486

Ion Ratio Lower Upper

117 100

119 95.4 77.2 115.8



#33

Benzene

Concen: 22.989 ug/L

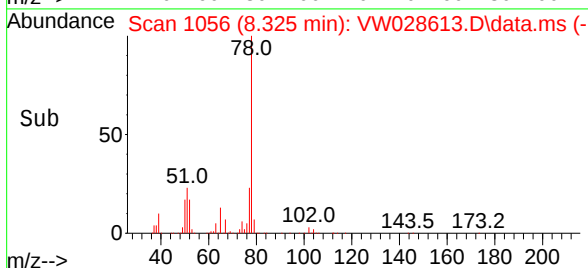
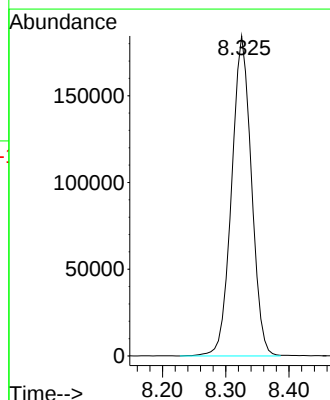
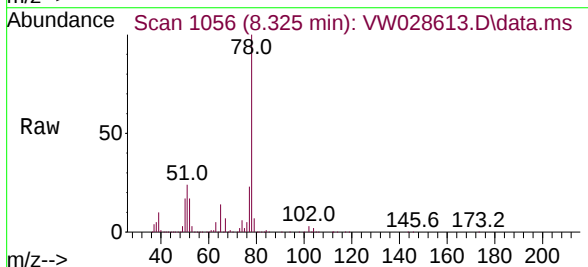
RT: 8.325 min Scan# 1056

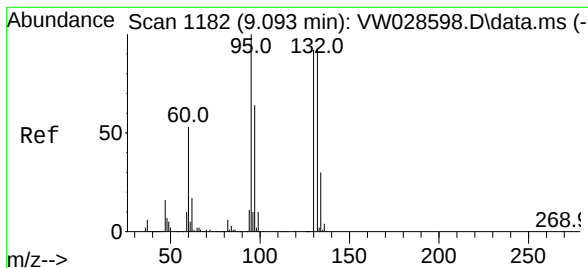
Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

Tgt Ion: 78 Resp: 400877





#34

Trichloroethene

Concen: 21.872 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

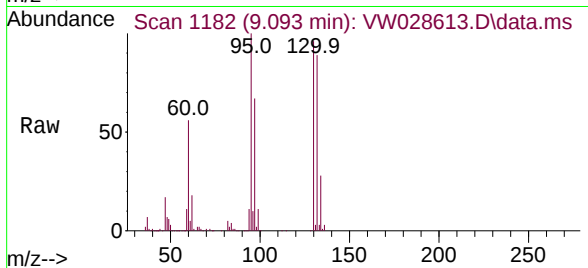
Lab File: VW028613.D

Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 102258

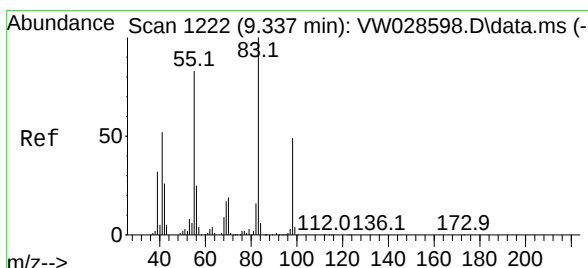
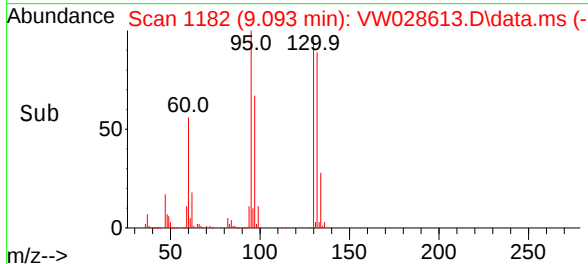
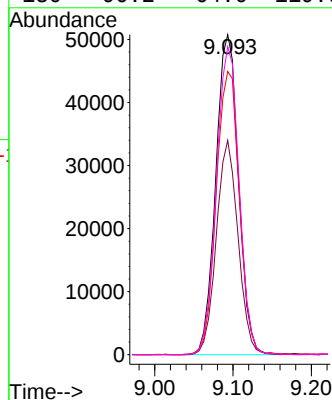
Ion Ratio Lower Upper

95 100

97 66.9 44.9 83.3

132 88.5 59.7 110.9

130 96.2 64.0 119.0



#35

Methylcyclohexane

Concen: 20.528 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

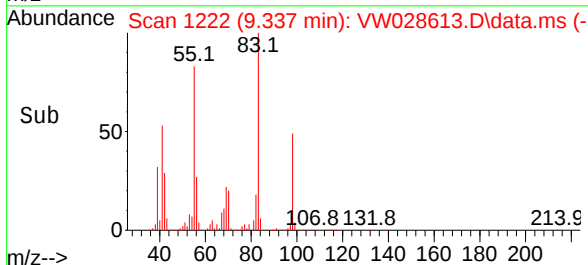
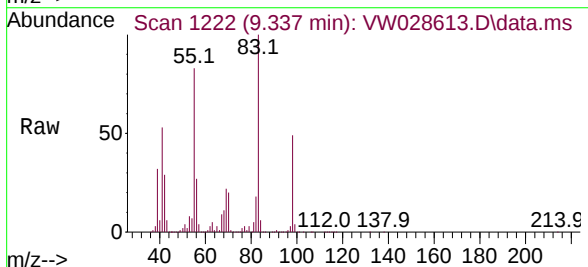
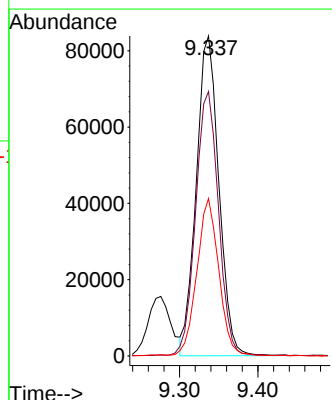
Tgt Ion: 83 Resp: 167725

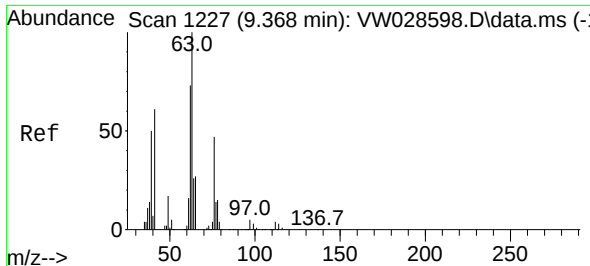
Ion Ratio Lower Upper

83 100

55 83.5 66.9 100.3

98 48.0 37.9 56.9





#37

1,2-Dichloropropane

Concen: 23.425 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

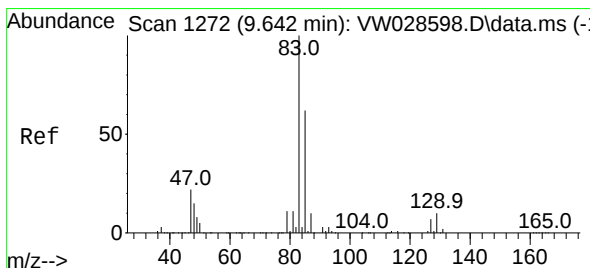
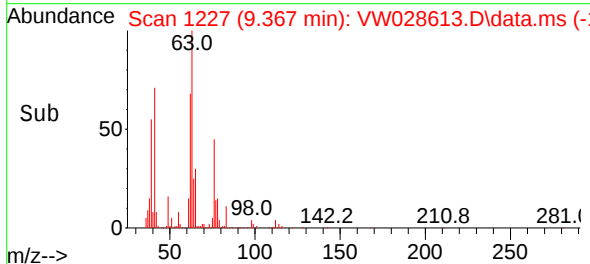
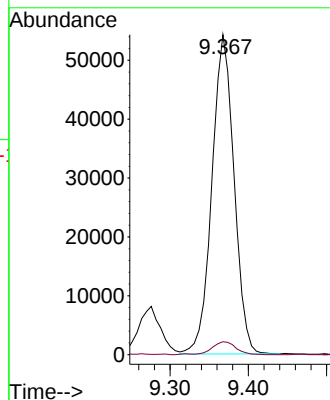
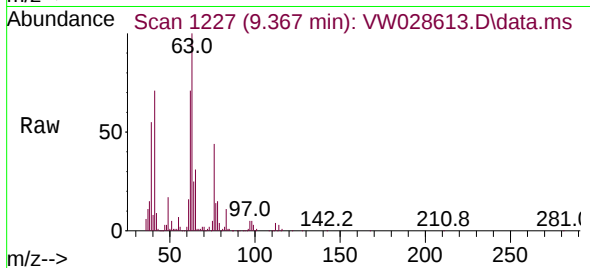
ClientSampleId :

Tgt Ion: 63 Resp: 106441

Ion Ratio Lower Upper

63 100

112 3.9 3.5 5.3



#38

Bromodichloromethane

Concen: 24.099 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

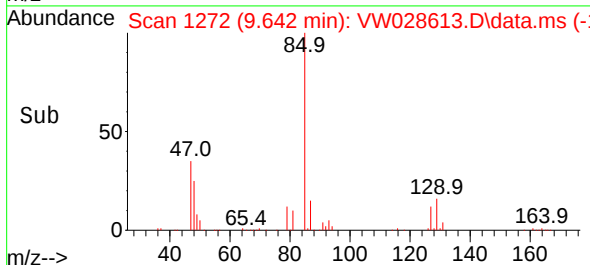
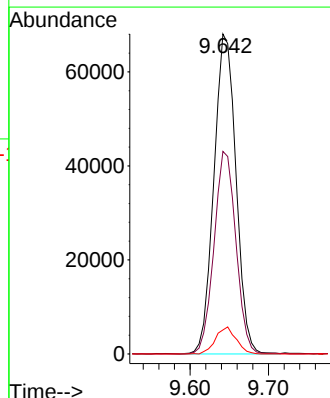
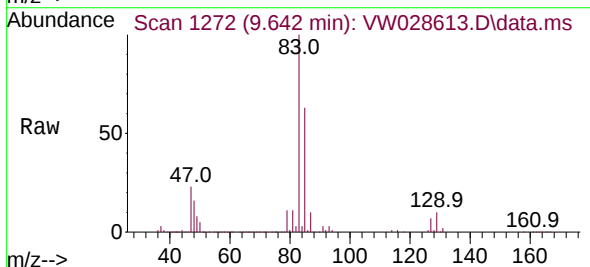
Tgt Ion: 83 Resp: 133481

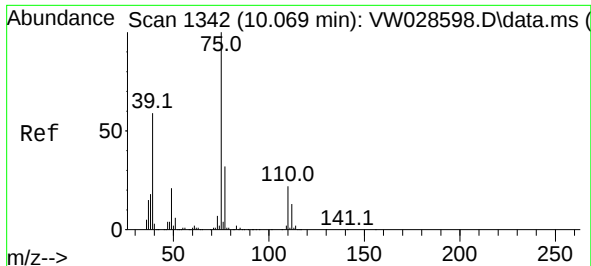
Ion Ratio Lower Upper

83 100

85 63.3 43.0 80.0

127 7.5 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 23.890 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

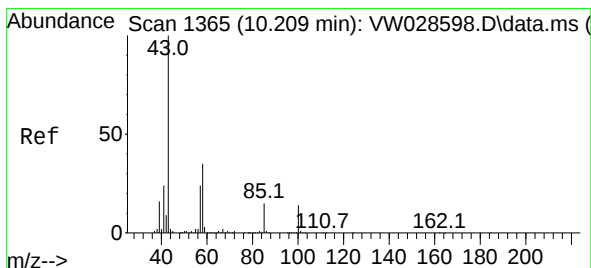
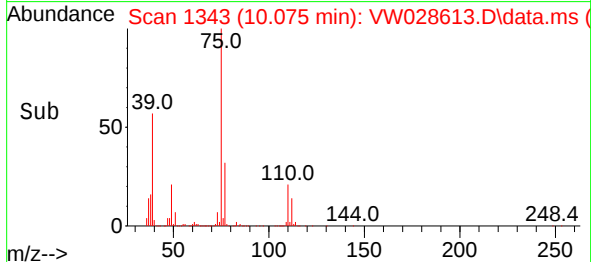
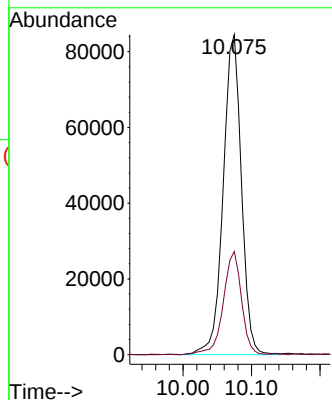
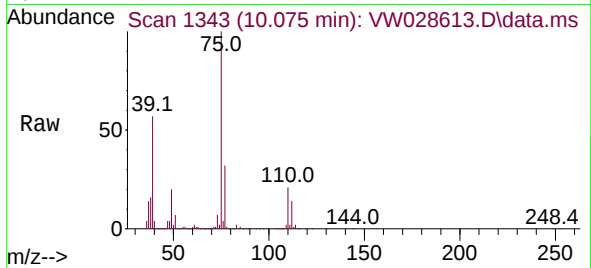
ClientSampleId :

Tgt Ion: 75 Resp: 155586

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 39.186 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

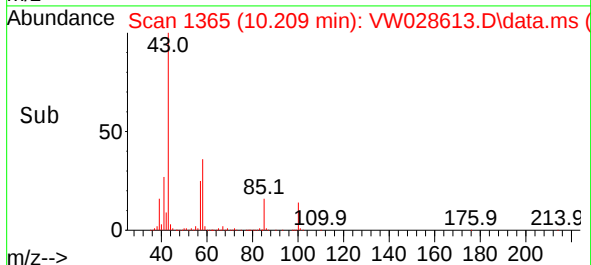
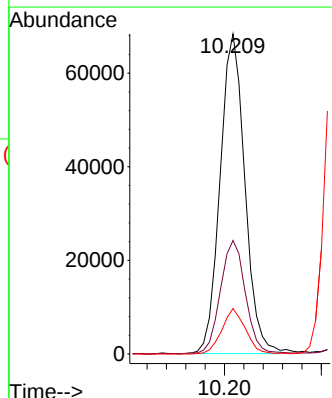
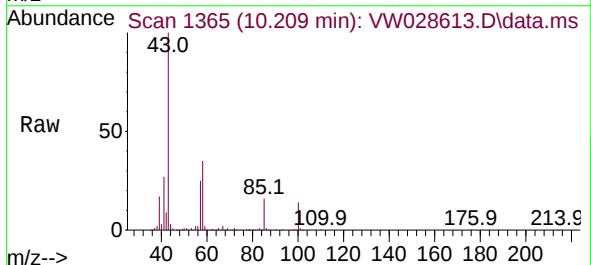
Tgt Ion: 43 Resp: 121184

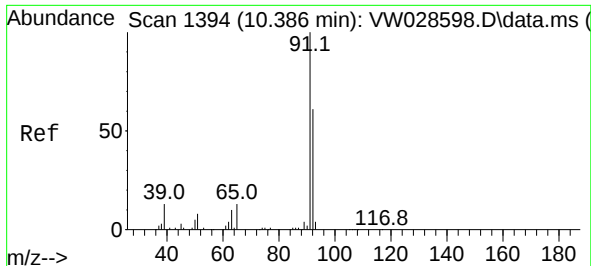
Ion Ratio Lower Upper

43 100

58 35.8 29.2 43.8

100 13.6 11.0 16.4

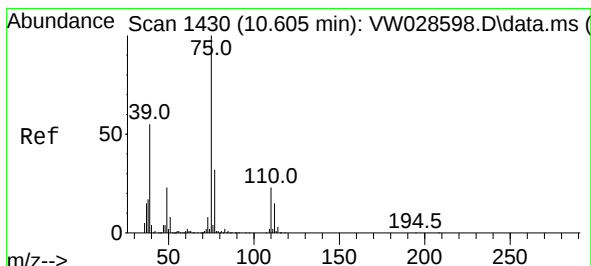
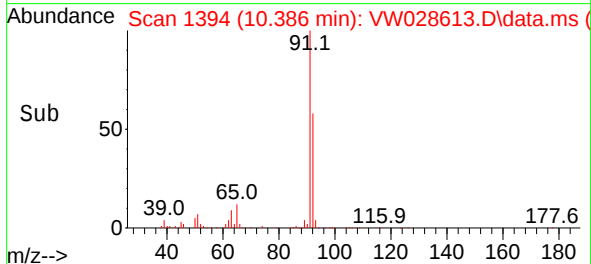
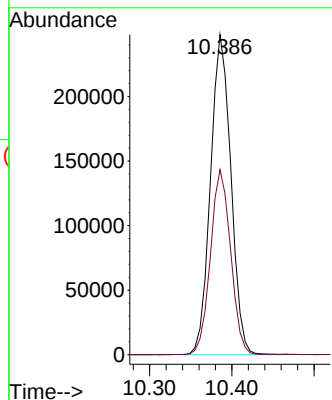
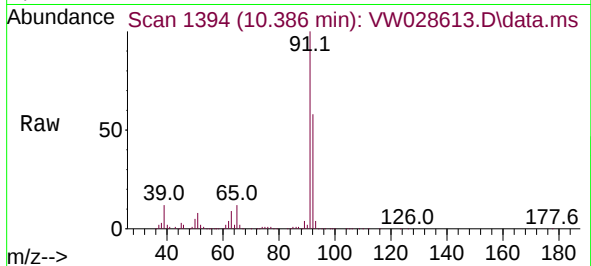




#42
Toluene
Concen: 23.704 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW028613.D
Acq: 15 May 2024 17:31

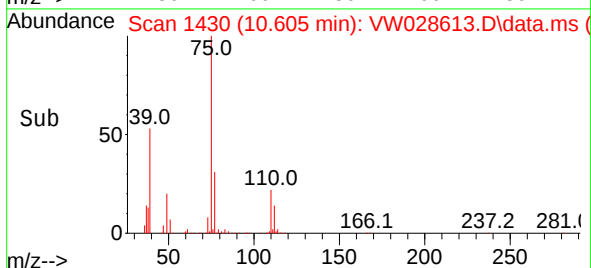
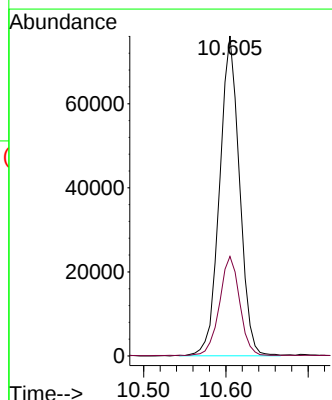
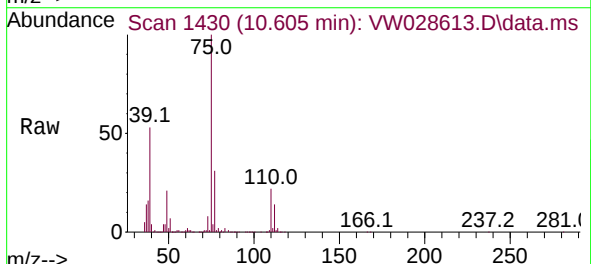
Instrument :
MSVOA_W
ClientSampleId :

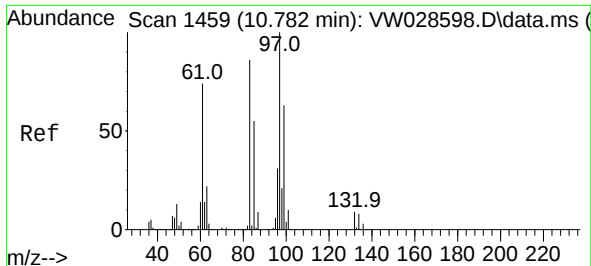
Tgt Ion: 91 Resp: 426916
Ion Ratio Lower Upper
91 100
92 57.8 42.5 78.9



#44
trans-1,3-Dichloropropene
Concen: 23.316 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028613.D
Acq: 15 May 2024 17:31

Tgt Ion: 75 Resp: 128032
Ion Ratio Lower Upper
75 100
77 31.1 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 21.865 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 71970

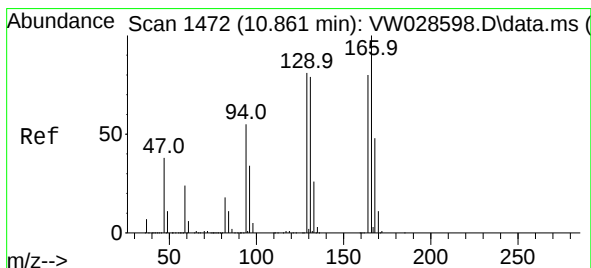
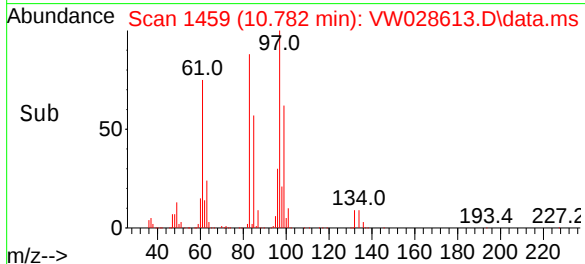
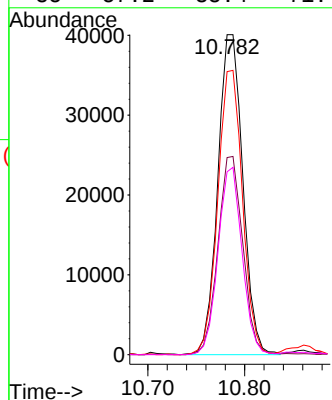
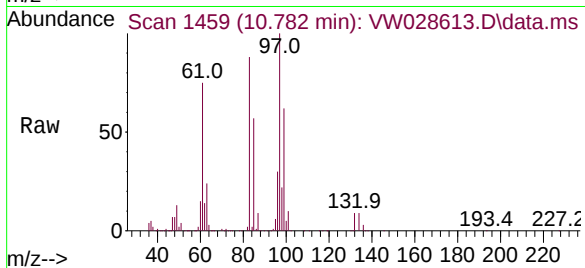
Ion Ratio Lower Upper

97 100

99 61.6 41.9 77.9

83 88.4 62.1 115.3

85 57.2 38.4 71.4



#46

Tetrachloroethene

Concen: 21.184 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

Tgt Ion:164 Resp: 71357

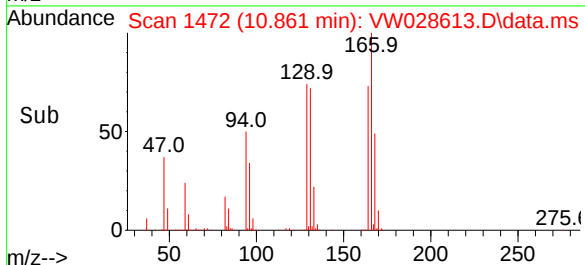
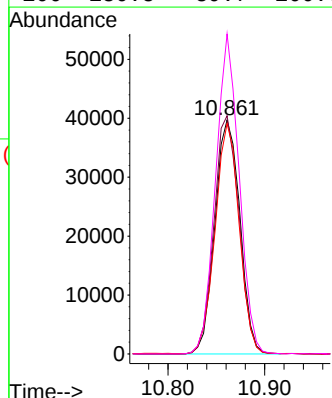
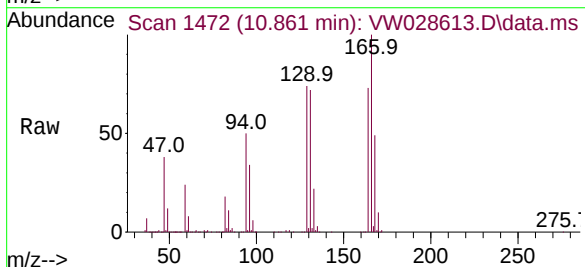
Ion Ratio Lower Upper

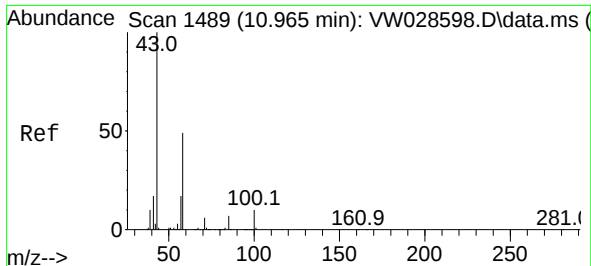
164 100

129 101.9 69.2 128.6

131 98.5 67.7 125.7

166 136.8 89.7 166.7





#48

2-Hexanone

Concen: 38.706 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

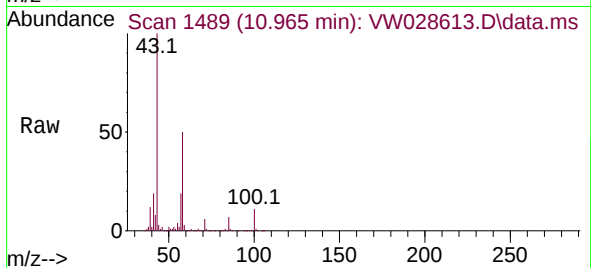
Lab File: VW028613.D

Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 84506

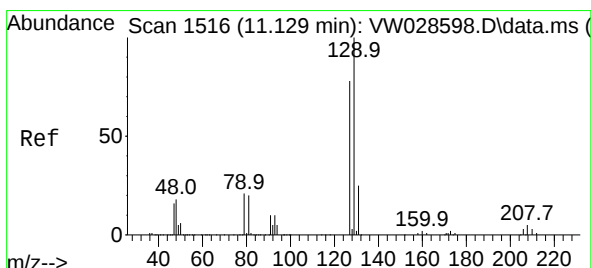
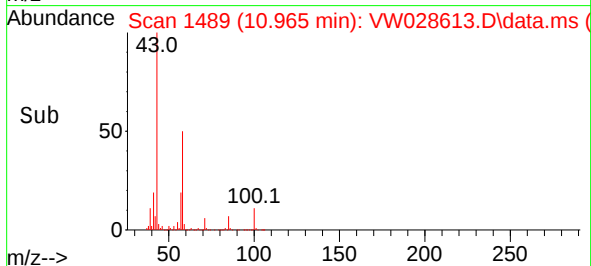
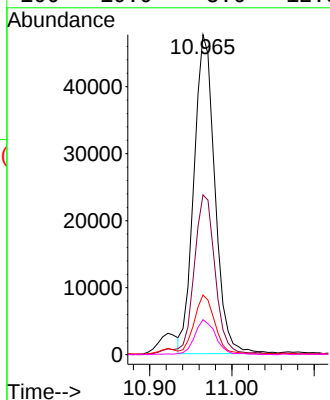
Ion Ratio Lower Upper

43 100

58 49.7 41.0 61.4

57 18.7 14.8 22.2

100 10.9 8.6 12.8



#49

Dibromochloromethane

Concen: 23.362 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW028613.D

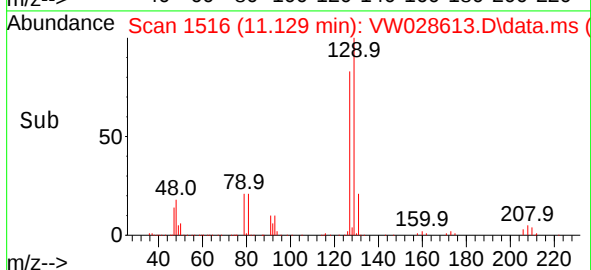
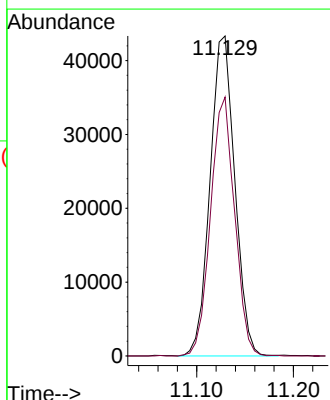
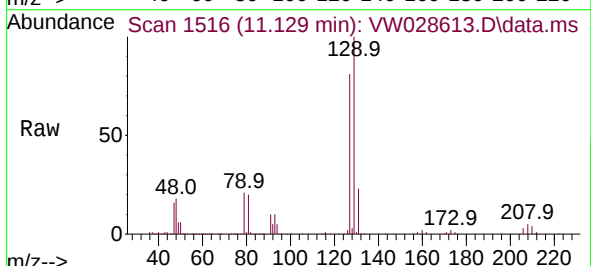
Acq: 15 May 2024 17:31

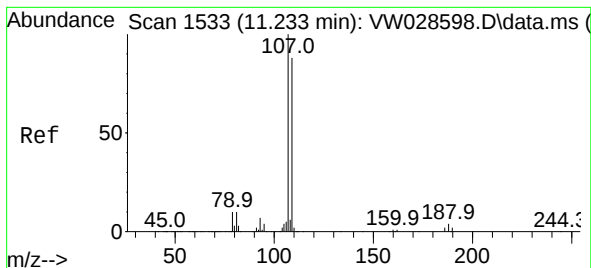
Tgt Ion:129 Resp: 77130

Ion Ratio Lower Upper

129 100

127 80.9 54.3 100.8

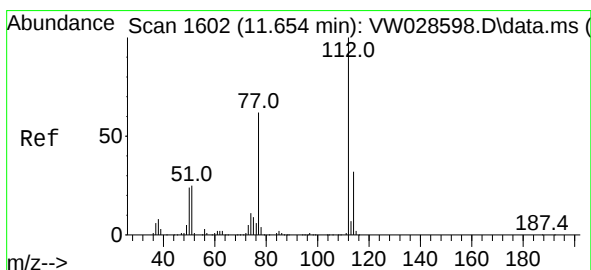
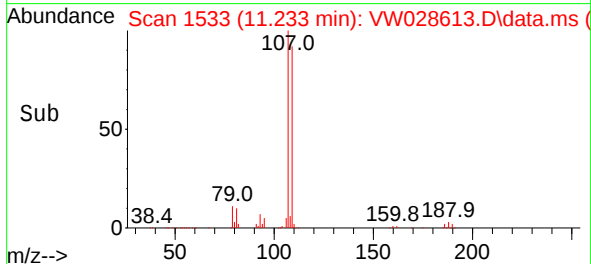
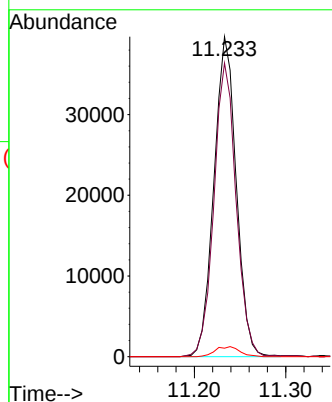
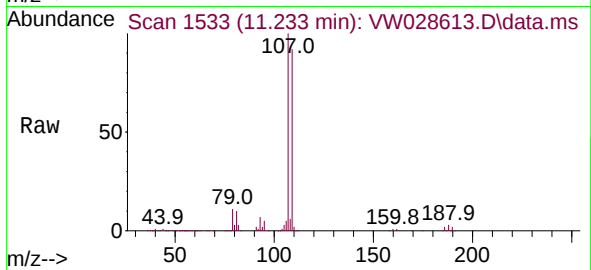




#50
1,2-Dibromoethane
Concen: 21.842 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW028613.D
Acq: 15 May 2024 17:31

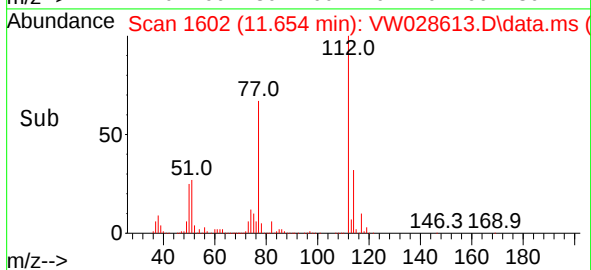
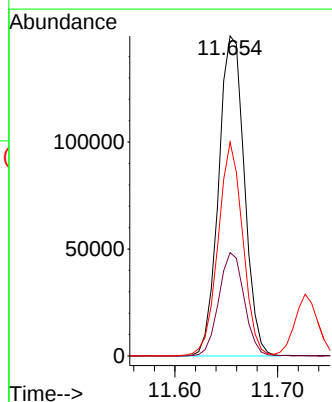
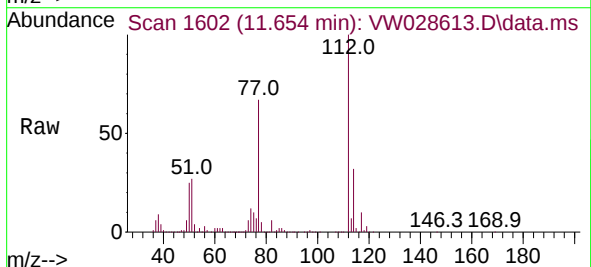
Instrument :
MSVOA_W
ClientSampleId :

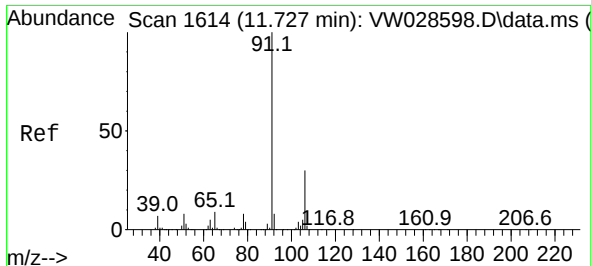
Tgt Ion:107 Resp: 67347
Ion Ratio Lower Upper
107 100
109 91.8 64.2 119.2
188 2.6 3.1 4.7#



#51
Chlorobenzene
Concen: 23.364 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028613.D
Acq: 15 May 2024 17:31

Tgt Ion:112 Resp: 260293
Ion Ratio Lower Upper
112 100
114 32.3 22.2 41.2
77 66.8 50.8 76.2





#52

Ethylbenzene

Concen: 23.477 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

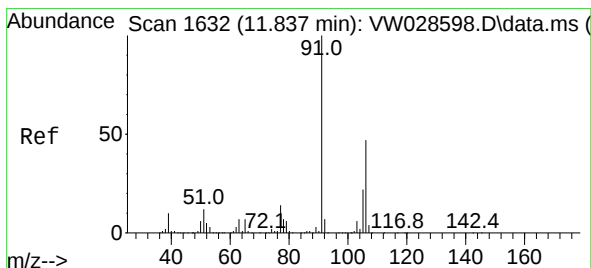
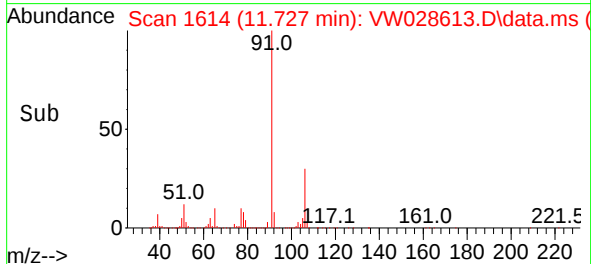
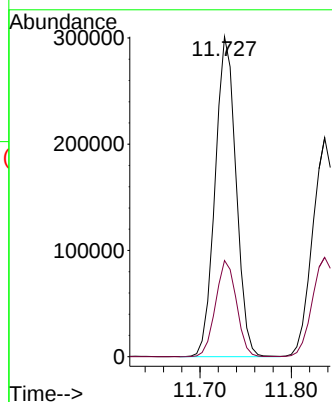
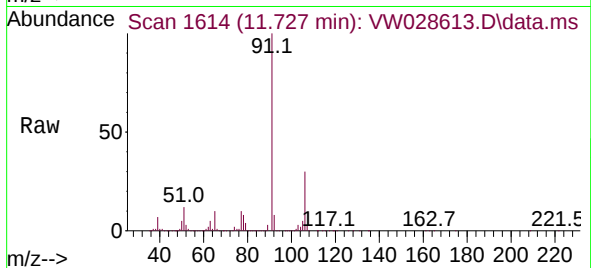
ClientSampleId :

Tgt Ion: 91 Resp: 478501

Ion Ratio Lower Upper

91 100

106 30.1 22.7 42.1



#53

m,p-Xylene

Concen: 23.663 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028613.D

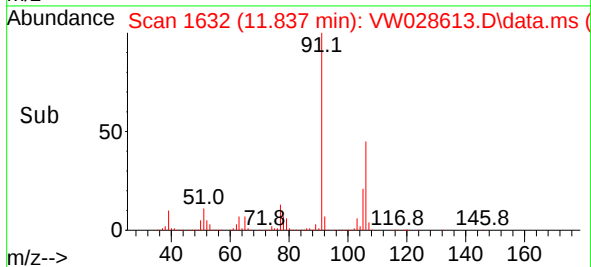
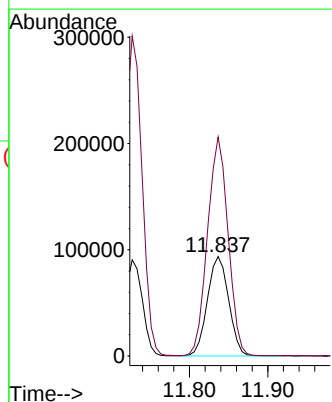
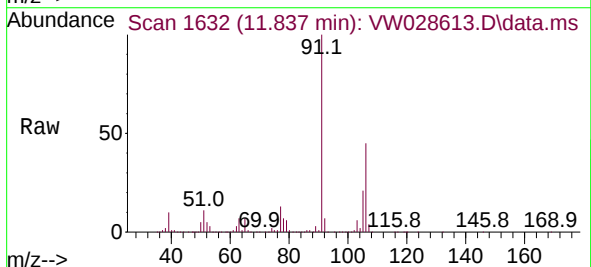
Acq: 15 May 2024 17:31

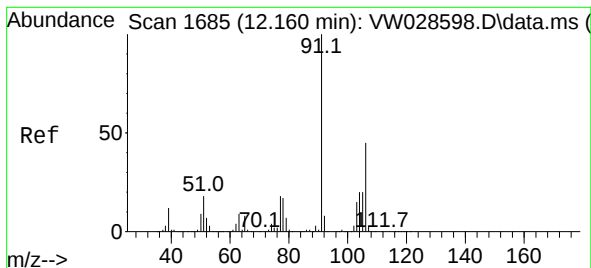
Tgt Ion:106 Resp: 176794

Ion Ratio Lower Upper

106 100

91 220.6 146.6 272.2





#54

o-Xylene

Concen: 23.985 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

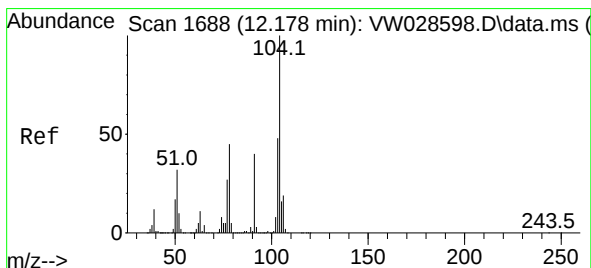
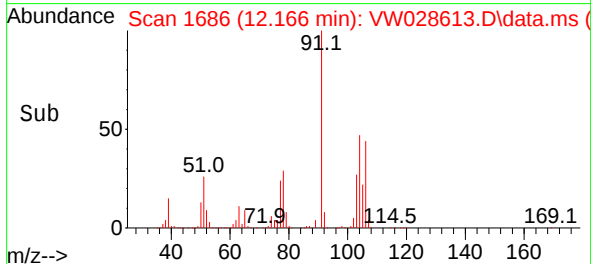
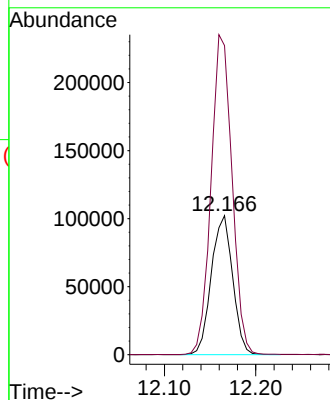
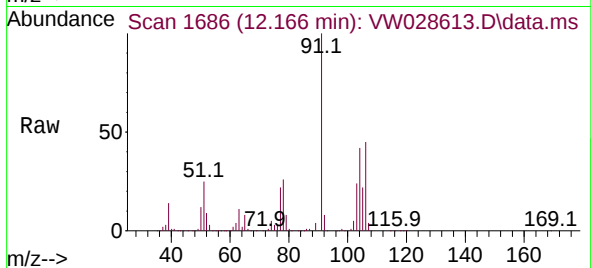
ClientSampleId :

Tgt Ion:106 Resp: 165777

Ion Ratio Lower Upper

106 100

91 222.3 154.3 286.5



#55

Styrene

Concen: 25.095 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028613.D

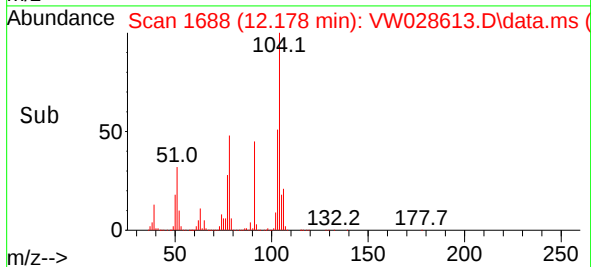
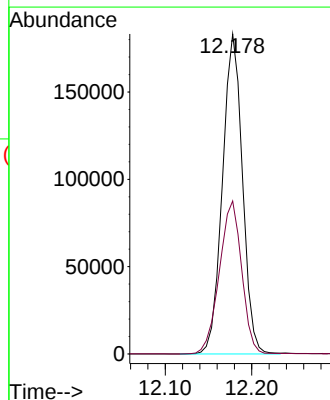
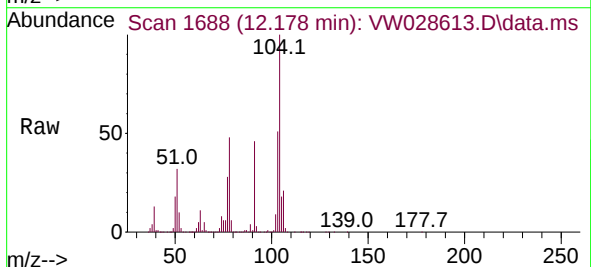
Acq: 15 May 2024 17:31

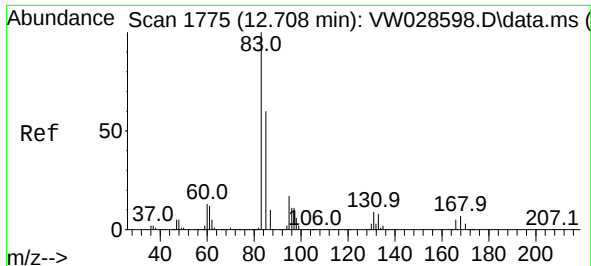
Tgt Ion:104 Resp: 293900

Ion Ratio Lower Upper

104 100

78 47.8 34.1 63.3

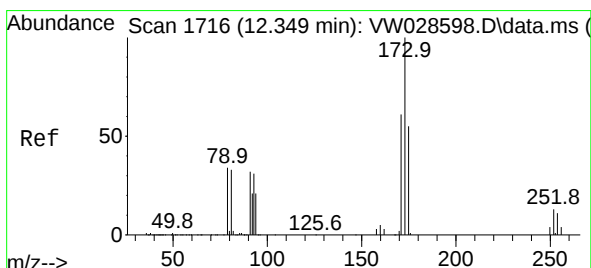
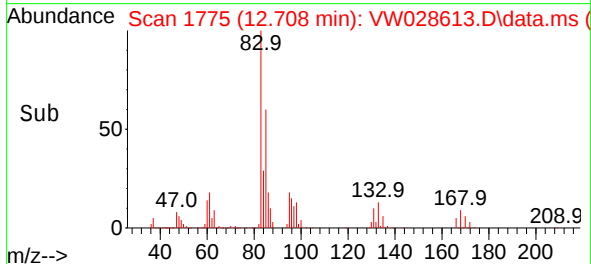
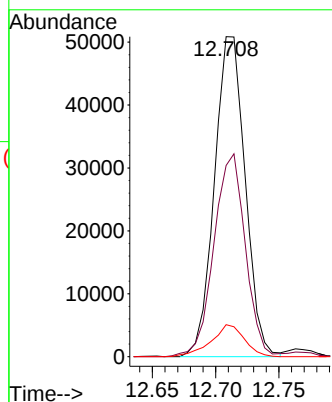
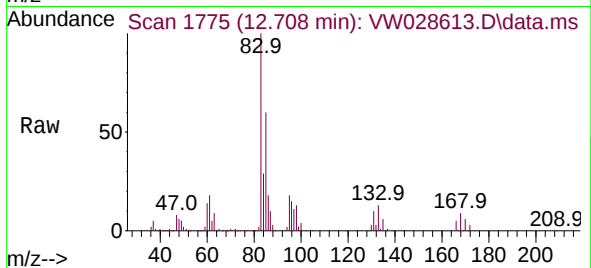




#57
1,1,2,2-Tetrachloroethane
Concen: 20.858 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW028613.D
Acq: 15 May 2024 17:31

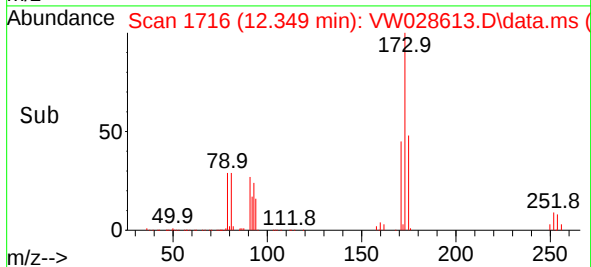
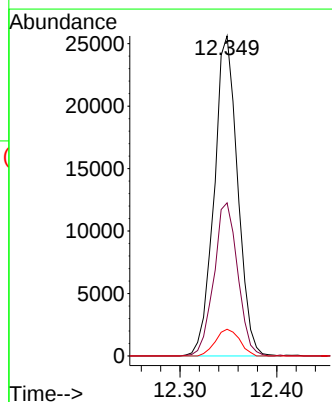
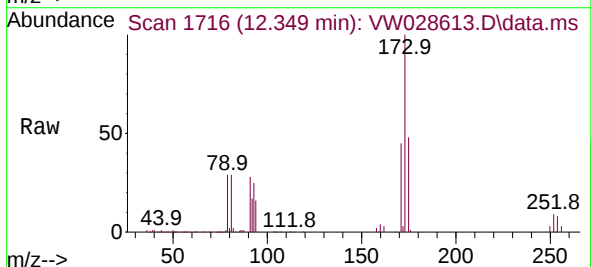
Instrument :
MSVOA_W
ClientSampleId :

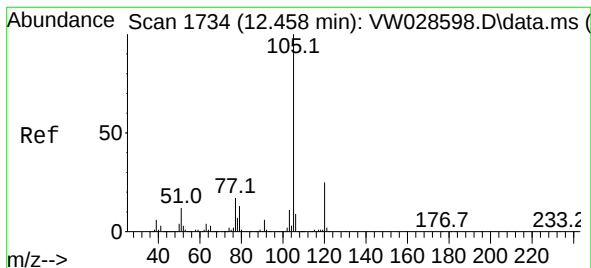
Tgt Ion: 83 Resp: 86138
Ion Ratio Lower Upper
83 100
85 59.8 45.6 84.6
131 10.0 7.3 10.9



#59
Bromoform
Concen: 21.774 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW028613.D
Acq: 15 May 2024 17:31

Tgt Ion:173 Resp: 43148
Ion Ratio Lower Upper
173 100
175 48.3 39.8 59.8
254 8.6 7.1 10.7





#60

Isopropylbenzene

Concen: 22.676 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028613.D

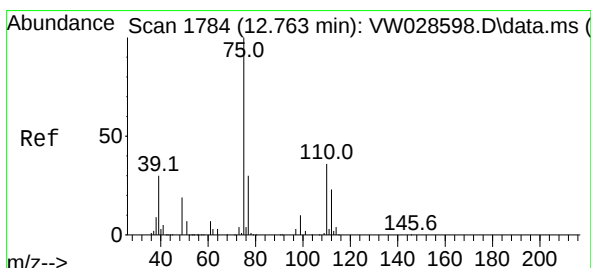
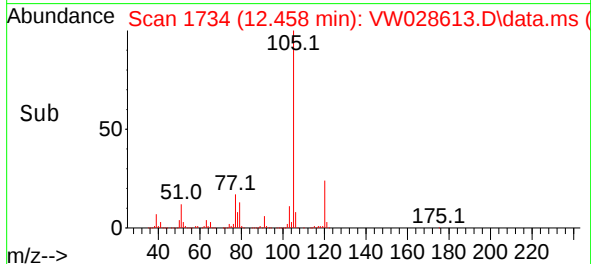
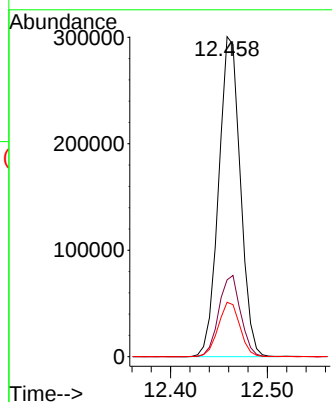
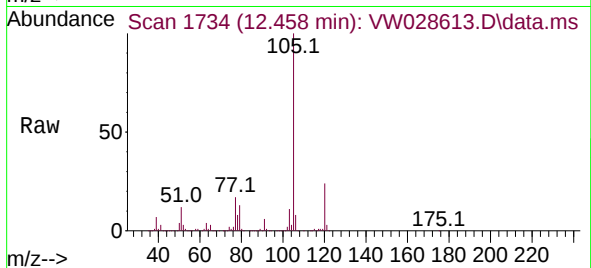
Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:105	Resp:	467286
Ion Ratio	Lower	Upper
105	100	
120	25.5	20.5 30.7
77	17.1	13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 19.268 ug/L

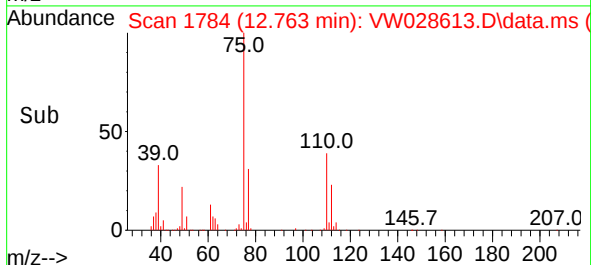
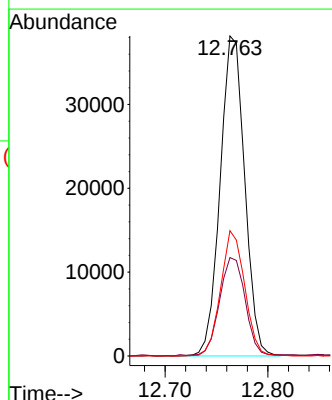
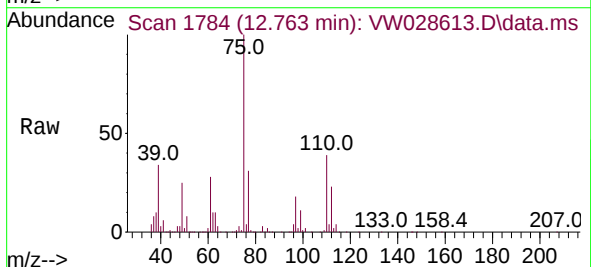
RT: 12.763 min Scan# 1784

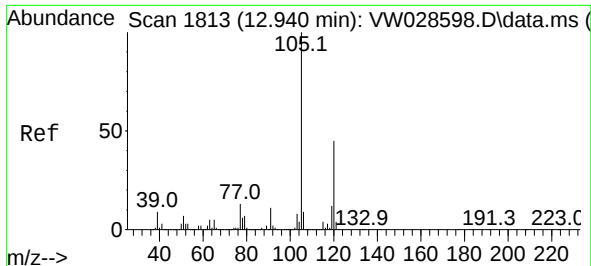
Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

Tgt Ion: 75	Resp:	63251
Ion Ratio	Lower	Upper
75	100	
77	31.8	25.9 38.9
110	38.3	30.6 45.8





#62

1,3,5-Trimethylbenzene

Concen: 23.678 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

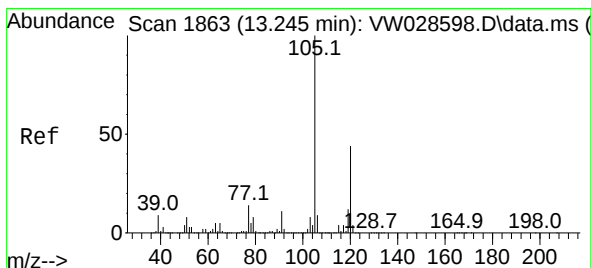
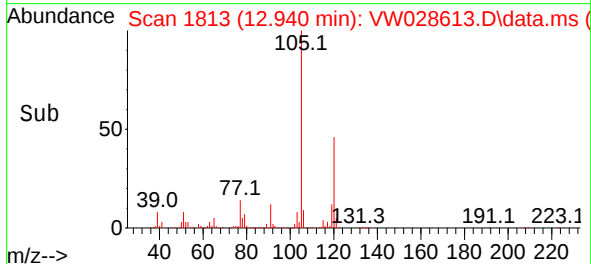
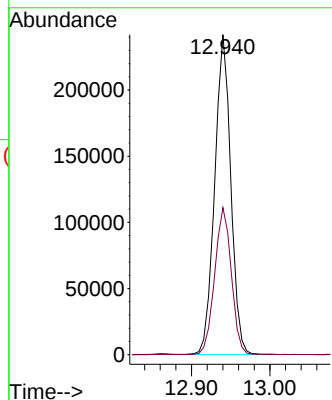
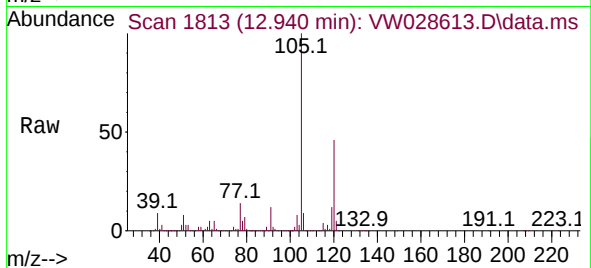
ClientSampleId :

Tgt Ion:105 Resp: 345231

Ion Ratio Lower Upper

105 100

120 47.5 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 23.979 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028613.D

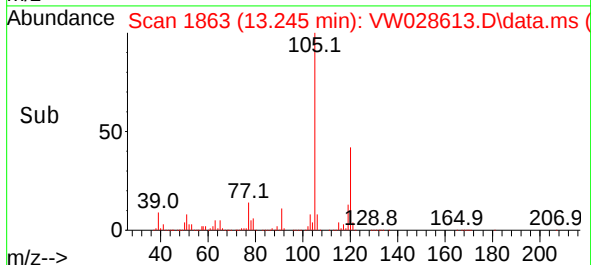
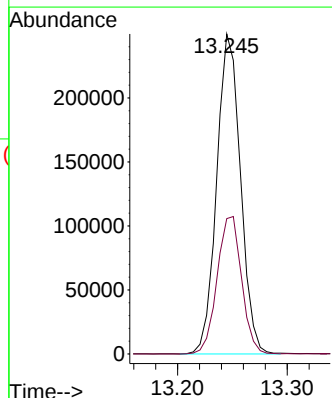
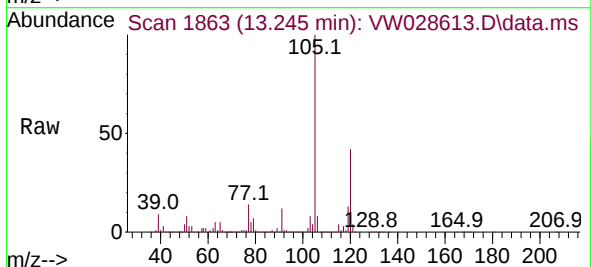
Acq: 15 May 2024 17:31

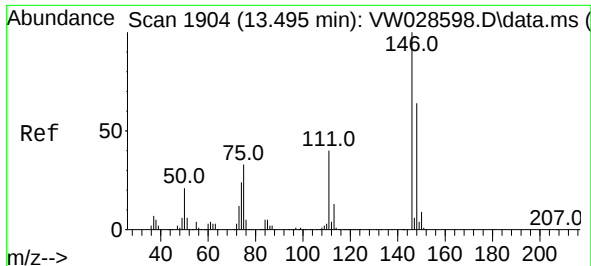
Tgt Ion:105 Resp: 376702

Ion Ratio Lower Upper

105 100

120 44.3 34.1 51.1





#64

1,3-Dichlorobenzene

Concen: 22.756 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

ClientSampleId :

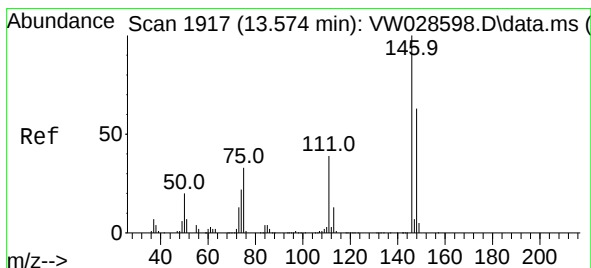
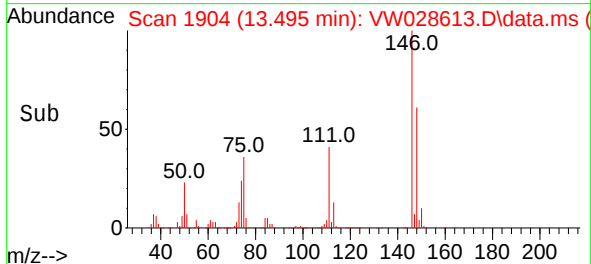
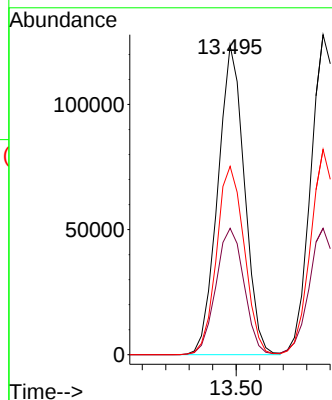
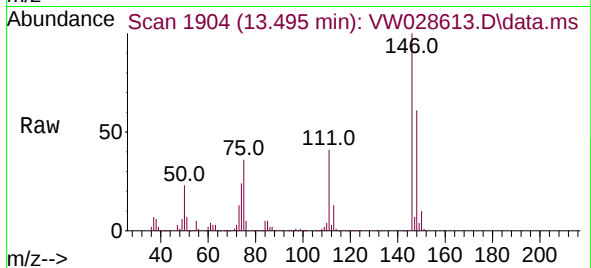
Tgt Ion:146 Resp: 195077

Ion Ratio Lower Upper

146 100

111 40.9 30.7 57.1

148 60.9 47.0 87.2



#65

1,4-Dichlorobenzene

Concen: 23.102 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

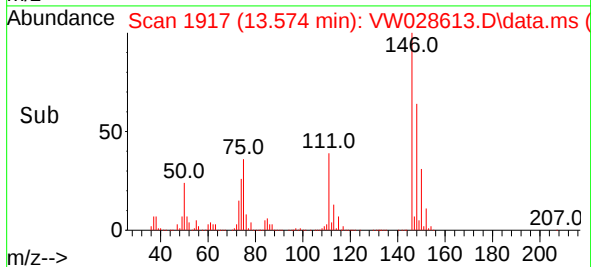
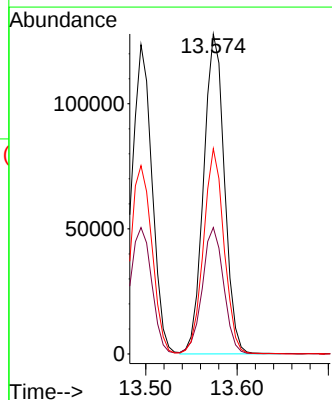
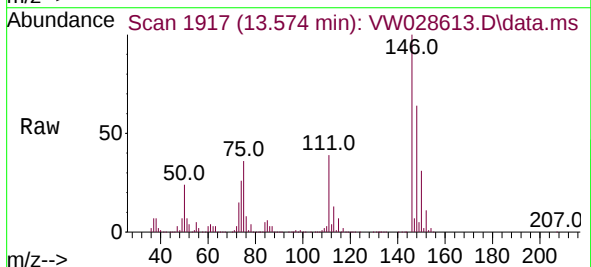
Tgt Ion:146 Resp: 202480

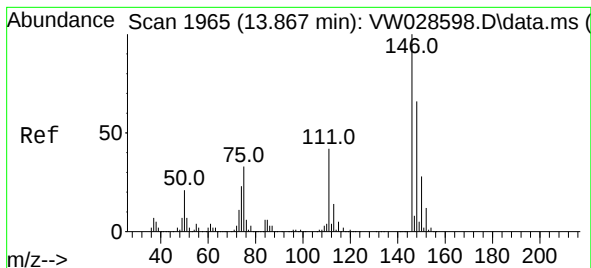
Ion Ratio Lower Upper

146 100

111 39.5 29.1 54.1

148 64.2 41.2 76.6





#67

1,2-Dichlorobenzene

Concen: 22.889 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

ClientSampleId :

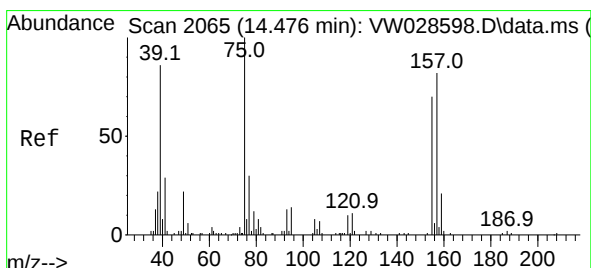
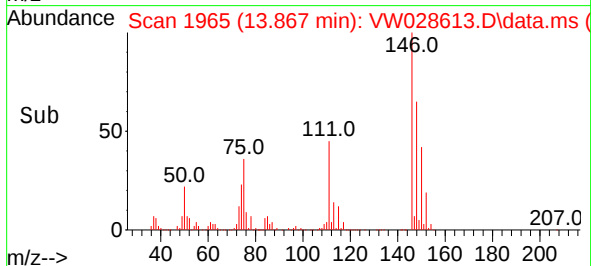
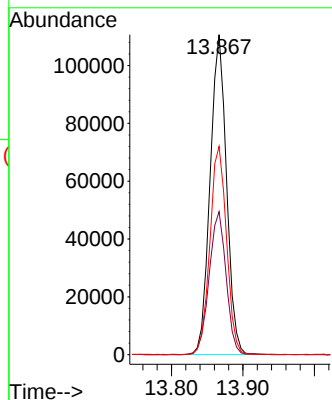
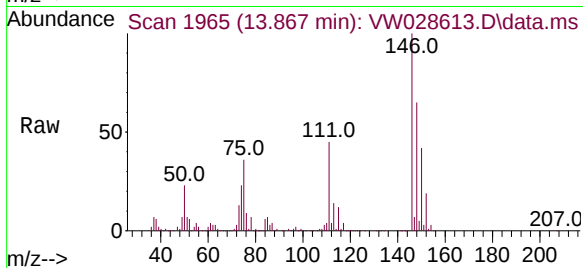
Tgt Ion:146 Resp: 175626

Ion Ratio Lower Upper

146 100

111 44.7 34.7 52.1

148 65.1 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 17.516 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

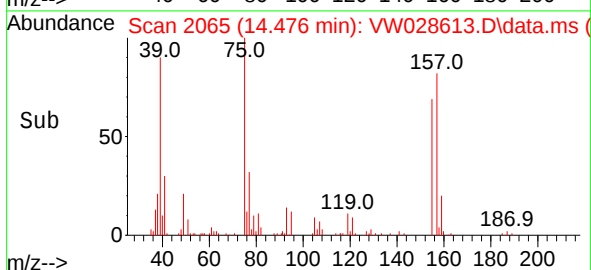
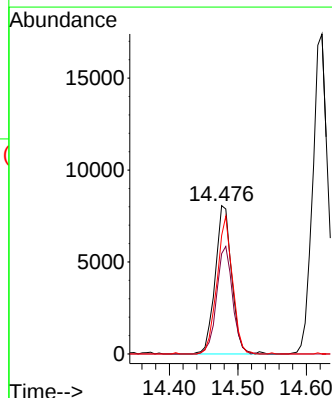
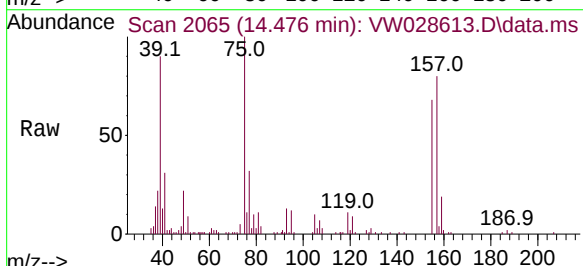
Tgt Ion: 75 Resp: 13444

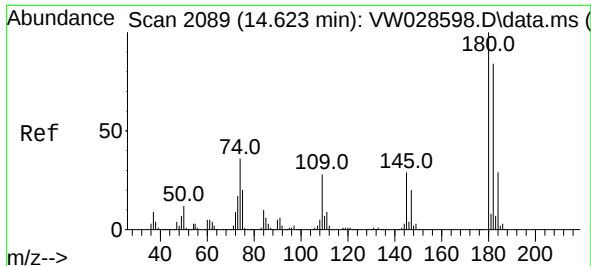
Ion Ratio Lower Upper

75 100

155 67.6 55.1 82.7

157 79.8 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 21.675 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

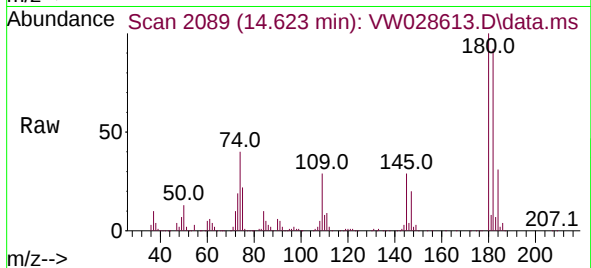
Lab File: VW028613.D

Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 124686

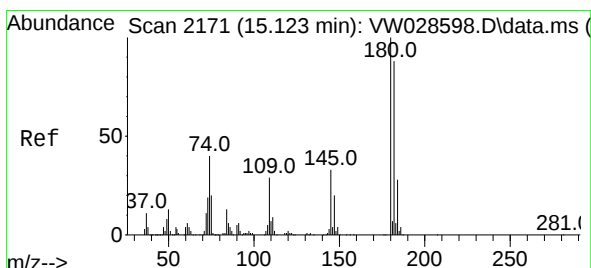
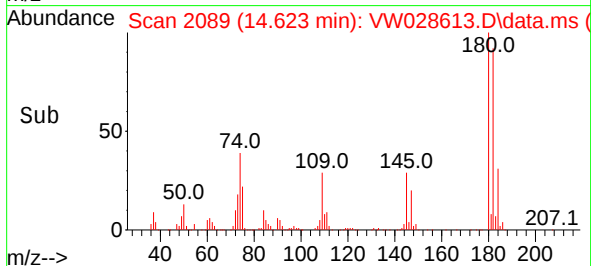
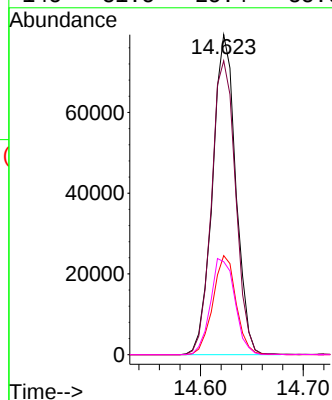
Ion Ratio Lower Upper

180 100

182 94.6 75.4 113.2

184 30.7 24.0 36.0

145 31.5 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 23.413 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

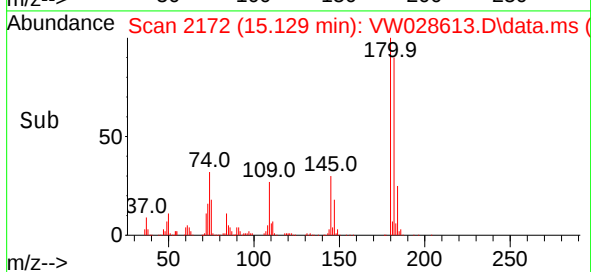
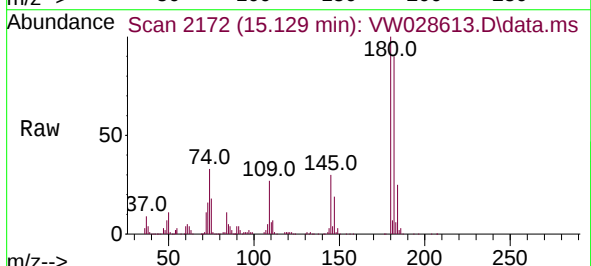
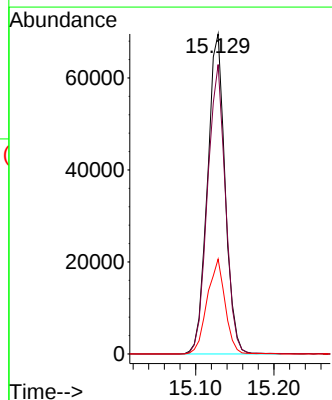
Tgt Ion:180 Resp: 108828

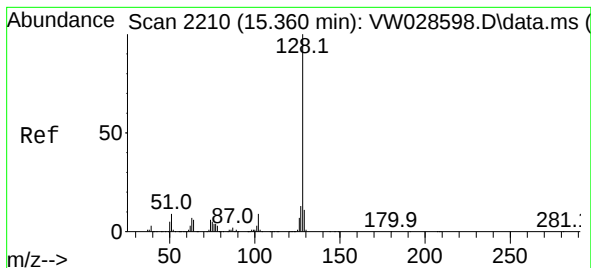
Ion Ratio Lower Upper

180 100

182 91.7 77.2 115.8

145 30.0 26.6 39.8





#71

Naphthalene

Concen: 20.638 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

Instrument :

MSVOA_W

ClientSampleId :

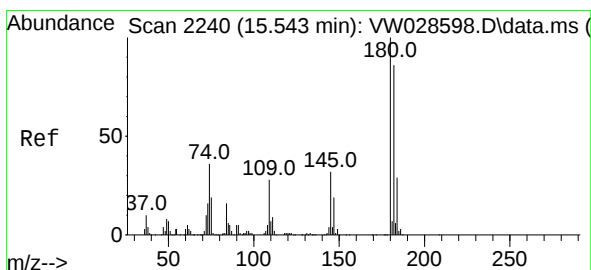
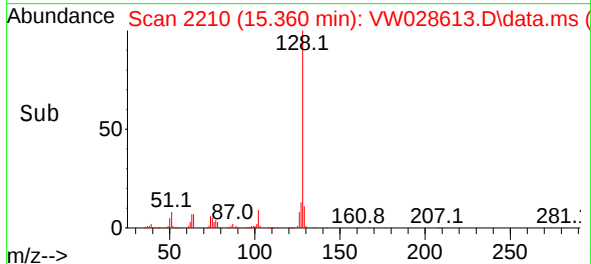
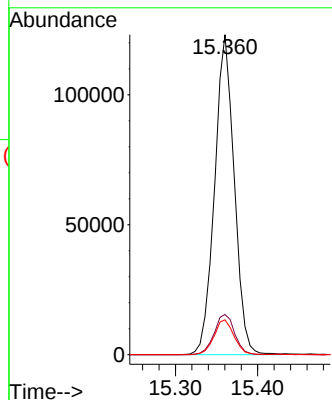
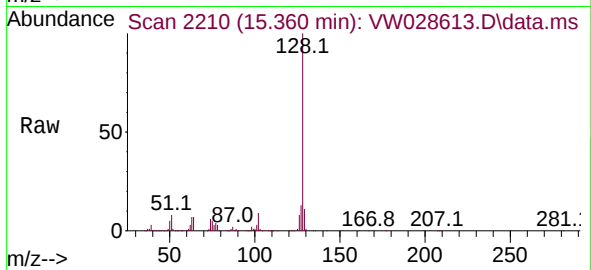
Tgt Ion:128 Resp: 204374

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.1 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 22.739 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VW028613.D

Acq: 15 May 2024 17:31

Tgt Ion:180 Resp: 95371

Ion Ratio Lower Upper

180 100

182 93.1 76.1 114.1

145 33.6 28.3 42.5

