

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052224\
 Data File : VW028698.D
 Acq On : 22 May 2024 19:15
 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 23 00:26:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 23 00:20:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	244496	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	230110	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	119541	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	77301	16.650	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.600%
7) Chloroethane-d5	2.899	69	74164	20.862	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.440%
11) 1,1-Dichloroethene-d2	4.027	65	33477	17.258	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.040%
21) 2-Butanone-d5	7.081	46	62900	51.928	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.860%
24) Chloroform-d	7.648	84	196422	25.711	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.840%
26) 1,2-Dichloroethane-d4	8.307	65	112286	25.672	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.680%
32) Benzene-d6	8.276	84	348012	22.668	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.680%
36) 1,2-Dichloropropane-d6	9.270	67	112156	24.277	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.120%
41) Toluene-d8	10.325	98	303112	22.294	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.160%
43) trans-1,3-Dichloroprop...	10.575	79	42453	22.843	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.360%
47) 2-Hexanone-d5	10.922	63	40131	50.365	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	105360	27.198	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	13.849	152	105805	23.222	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.880%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	62620	17.624	ug/L	91
3) Chloromethane	2.229	50	101683	23.101	ug/L	99
5) Vinyl chloride	2.381	62	105998	21.390	ug/L	97
6) Bromomethane	2.790	94	70061	24.439	ug/L	96
8) Chloroethane	2.936	64	68467	24.226	ug/L	96
9) Trichlorofluoromethane	3.265	101	85640	21.049	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	81346	21.686	ug/L	97
12) 1,1-Dichloroethene	4.052	96	75765	22.516	ug/L	95
13) Acetone	4.137	43	33951	30.810	ug/L	100
14) Carbon disulfide	4.399	76	228430	20.086	ug/L	99
15) Methyl Acetate	4.673	43	55222	28.805	ug/L	100
16) Methylene chloride	4.929	84	93030	24.603	ug/L	93
17) trans-1,2-Dichloroethene	5.423	96	84817	24.211	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	135705	26.250	ug/L #	76
19) 1,1-Dichloroethane	6.216	63	180872	26.036	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	97964	26.720	ug/L	96
22) 2-Butanone	7.173	43	59572	42.119	ug/L	99
23) Bromochloromethane	7.514	128	43279	27.062	ug/L	97
25) Chloroform	7.673	83	185272	27.574	ug/L	99

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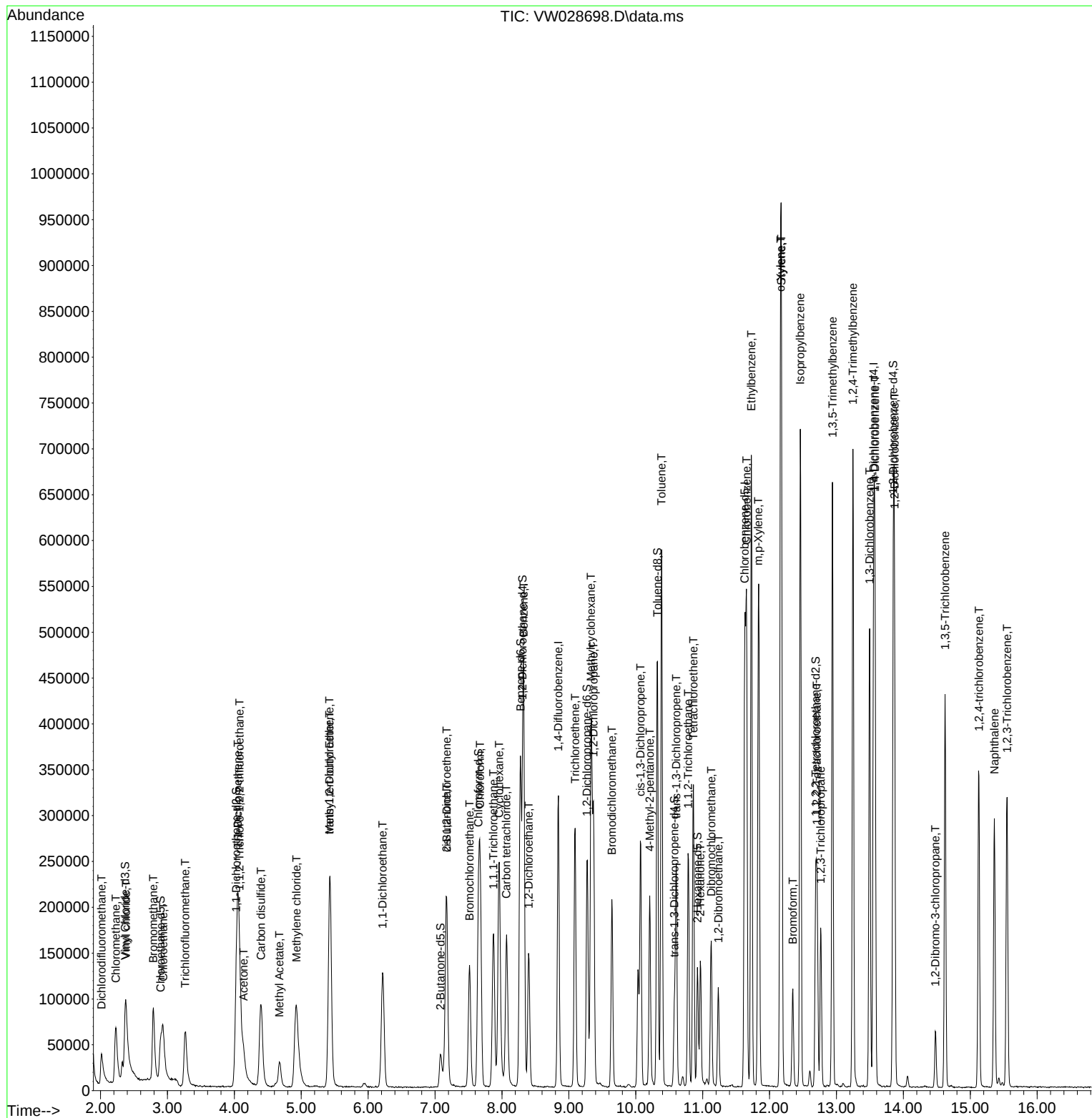
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	134739	27.586	ug/L	97
29) Cyclohexane	7.959	56	140349	21.391	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	134983	23.409	ug/L	99
31) Carbon tetrachloride	8.063	117	121177	23.048	ug/L	99
33) Benzene	8.325	78	377787	25.318	ug/L	100
34) Trichloroethene	9.093	95	96386	24.092	ug/L	96
35) Methylcyclohexane	9.331	83	149117	21.328	ug/L	98
37) 1,2-Dichloropropane	9.368	63	103770	26.688	ug/L	100
38) Bromodichloromethane	9.642	83	132361	27.926	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	145974	26.193	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	136722	51.665	ug/L	99
42) Toluene	10.386	91	405487	26.310	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	126063	26.829	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	77050	27.355	ug/L	96
46) Tetrachloroethene	10.861	164	68361	23.717	ug/L	97
48) 2-Hexanone	10.965	43	89752	48.040	ug/L	96
49) Dibromochloromethane	11.130	129	79076	27.990	ug/L	97
50) 1,2-Dibromoethane	11.233	107	70157	26.590	ug/L #	98
51) Chlorobenzene	11.654	112	252716	26.509	ug/L	97
52) Ethylbenzene	11.727	91	449416	25.768	ug/L	94
53) m,p-Xylene	11.831	106	167990	26.276	ug/L	96
54) o-Xylene	12.166	106	162366	27.452	ug/L	100
55) Styrene	12.178	104	281158	28.055	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	94625	26.777	ug/L	99
59) Bromoform	12.349	173	43564	24.979	ug/L	97
60) Isopropylbenzene	12.459	105	436670	24.077	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	69231	23.964	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	328217	25.579	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	350641	25.361	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	183737	24.353	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	192631	24.974	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	172972	25.615	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	15376	22.763	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	114468	22.610	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	102730	25.113	ug/L	95
71) Naphthalene	15.360	128	227503	26.103	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	98062	26.566	ug/L	98

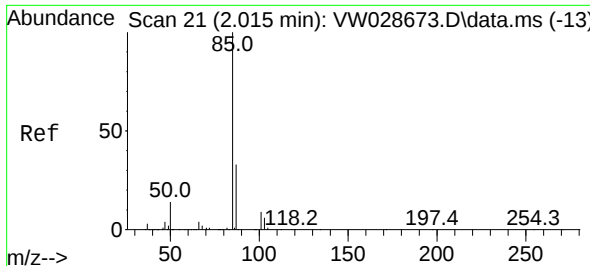
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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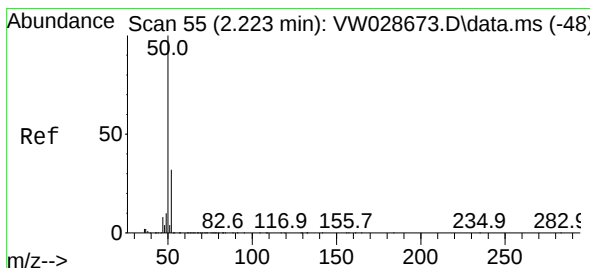
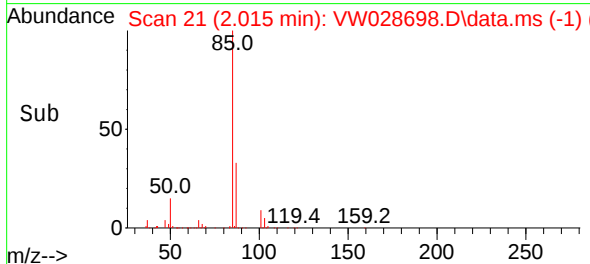
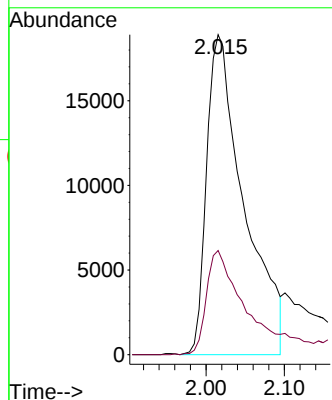
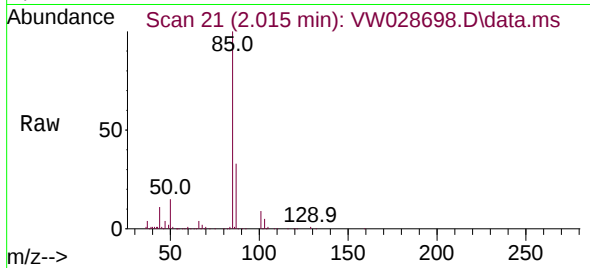




#2
 Dichlorodifluoromethane
 Concen: 17.624 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028698.D
 Acq: 22 May 2024 19:15

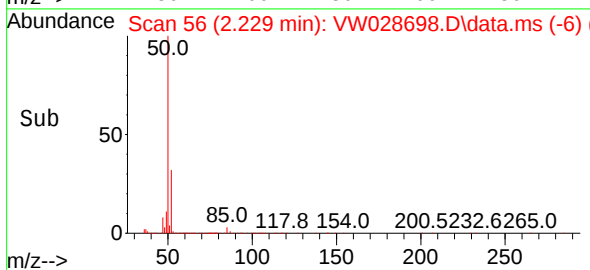
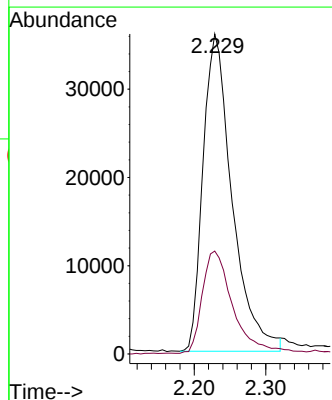
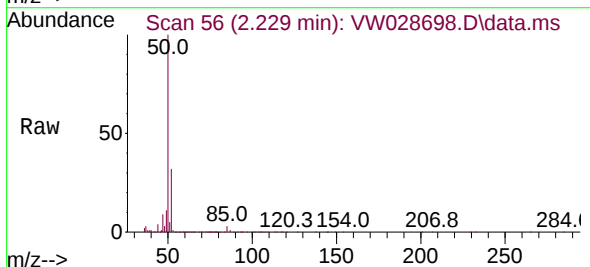
Instrument :
 MSVOA_W
 ClientSampleId :

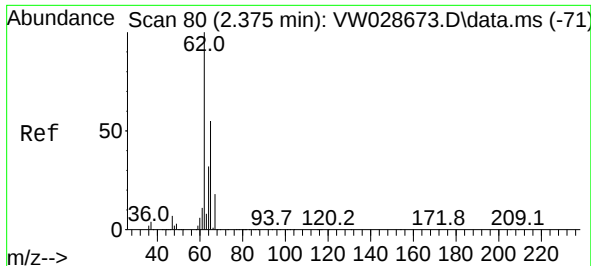
Tgt Ion: 85 Resp: 62620
 Ion Ratio Lower Upper
 85 100
 87 32.2 21.9 32.9



#3
 Chloromethane
 Concen: 23.101 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW028698.D
 Acq: 22 May 2024 19:15

Tgt Ion: 50 Resp: 101683
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.0 41.0

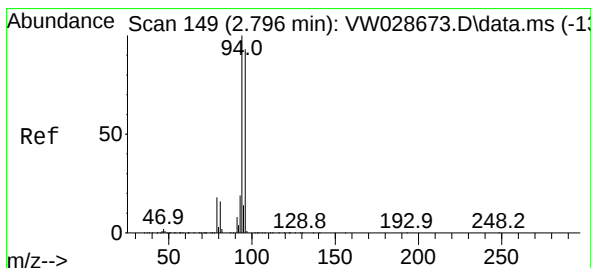
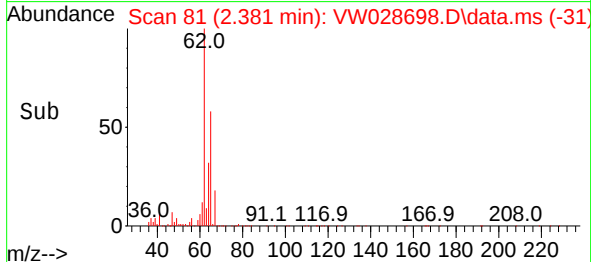
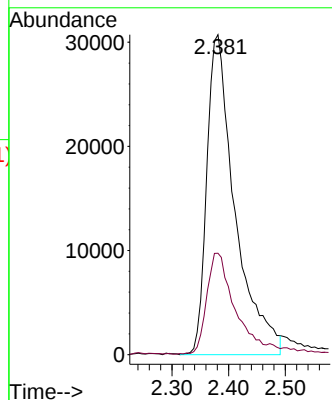
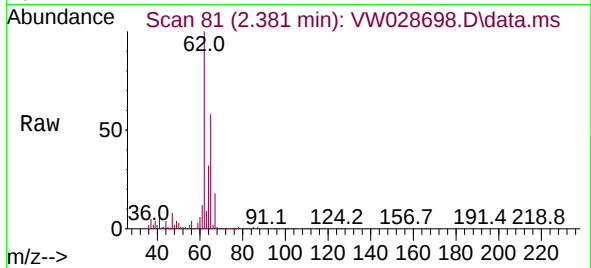




#5
 Vinyl chloride
 Concen: 21.390 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW028698.D
 Acq: 22 May 2024 19:15

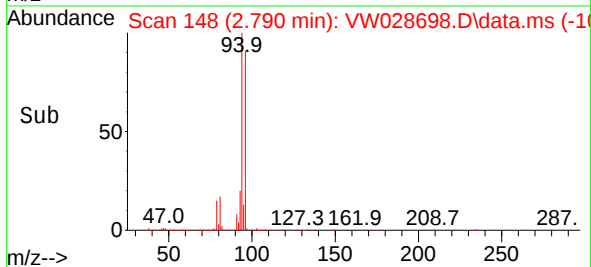
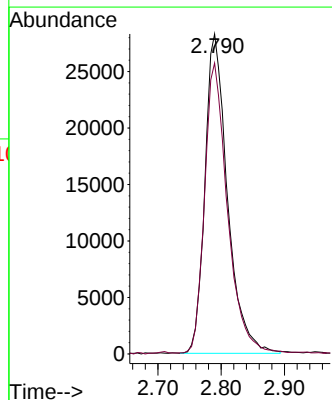
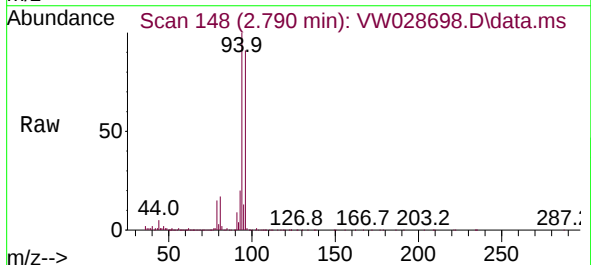
Instrument :
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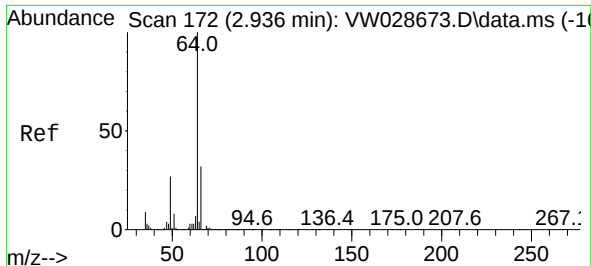
Tgt Ion: 62 Resp: 105998
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.3 43.3



#6
 Bromomethane
 Concen: 24.439 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028698.D
 Acq: 22 May 2024 19:15

Tgt Ion: 94 Resp: 70061
 Ion Ratio Lower Upper
 94 100
 96 90.9 66.3 123.1

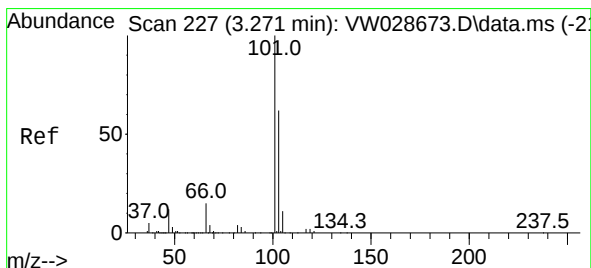
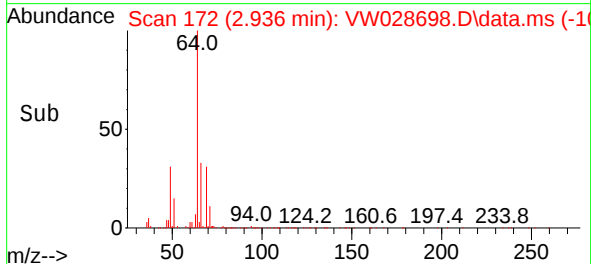
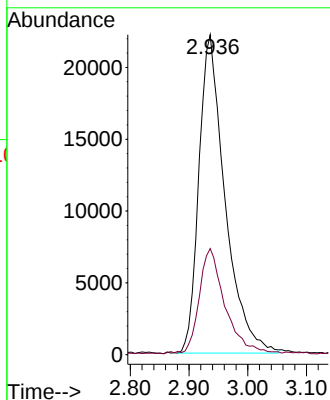
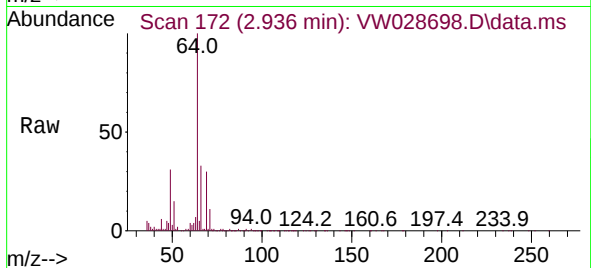




#8
Chloroethane
Concen: 24.226 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW028698.D
Acq: 22 May 2024 19:15

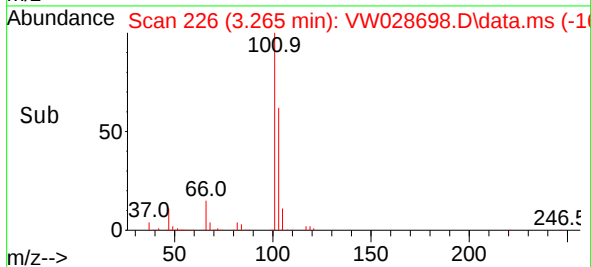
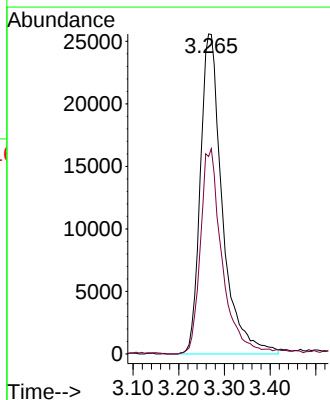
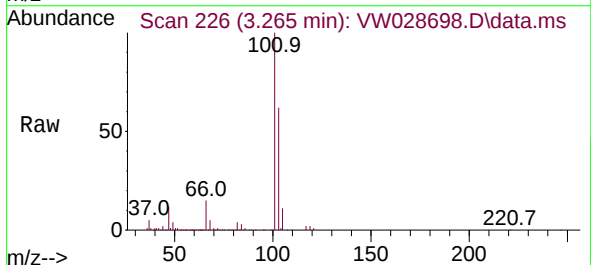
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MSVOA_W
ClientSampleId :

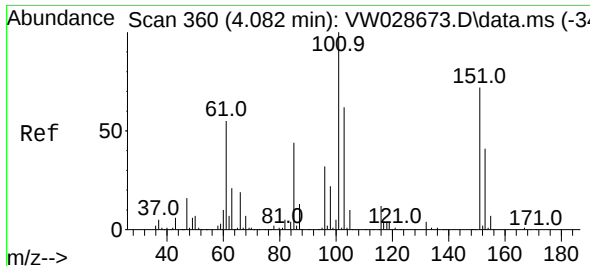
Tgt Ion: 64 Resp: 68467
Ion Ratio Lower Upper
64 100
66 33.1 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.049 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028698.D
Acq: 22 May 2024 19:15

Tgt Ion:101 Resp: 85640
Ion Ratio Lower Upper
101 100
103 62.4 50.4 75.6





#10

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

Concen: 21.686 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

Instrument :

MSVOA_W

ClientSampleId :

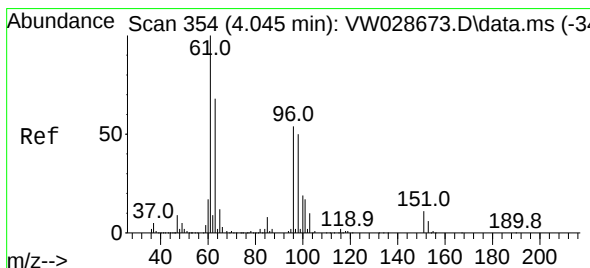
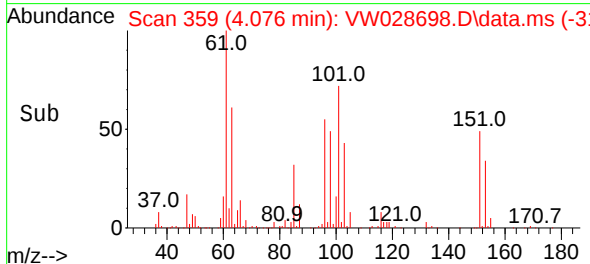
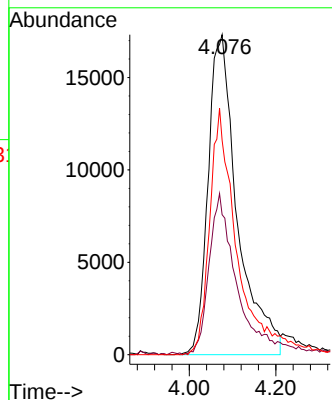
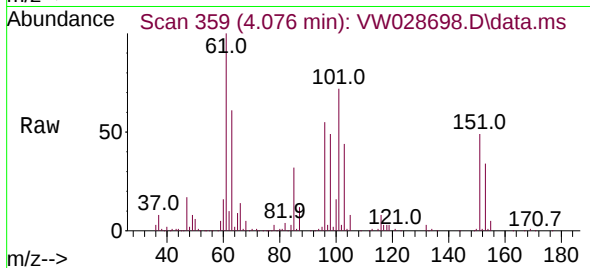
Tgt Ion:101 Resp: 81346

Ion Ratio Lower Upper

101 100

85 44.3 35.8 53.8

151 66.2 49.6 74.4



#12

1,1-Dichloroethene

Concen: 22.516 ug/L

RT: 4.052 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

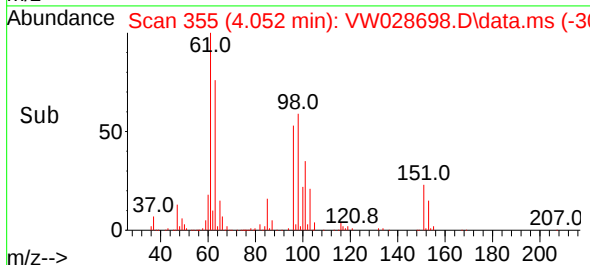
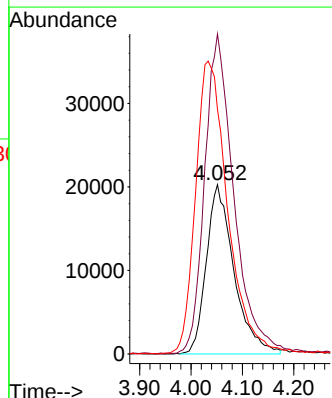
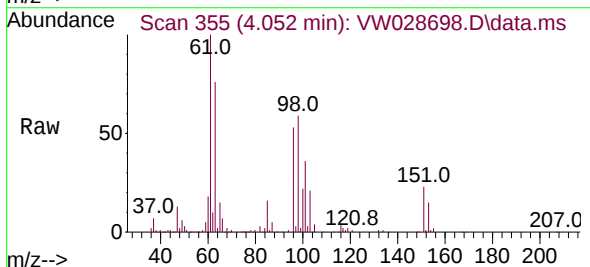
Tgt Ion: 96 Resp: 75765

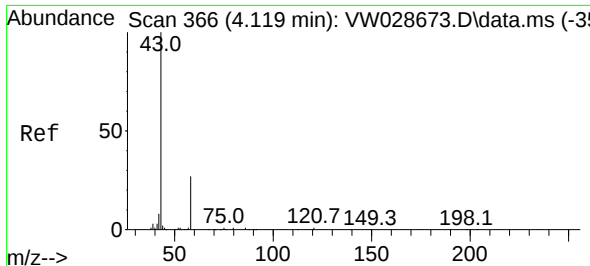
Ion Ratio Lower Upper

96 100

61 189.0 131.6 244.4

63 144.4 111.4 206.8

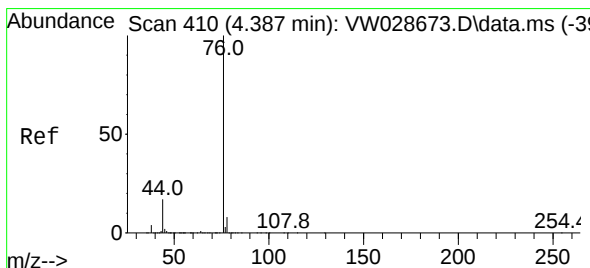
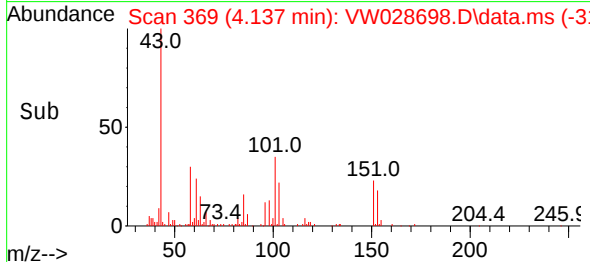
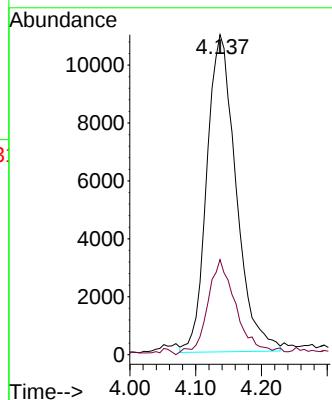
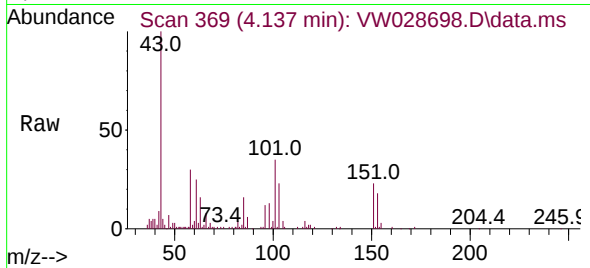




#13
Acetone
Concen: 30.810 ug/L
RT: 4.137 min Scan# 30
Delta R.T. 0.018 min
Lab File: VW028698.D
Acq: 22 May 2024 19:15

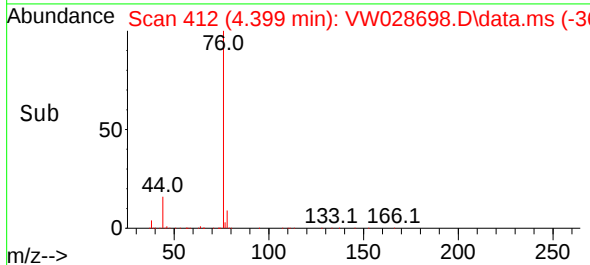
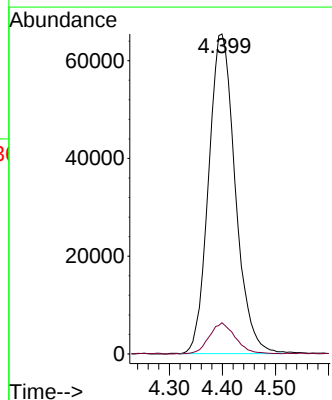
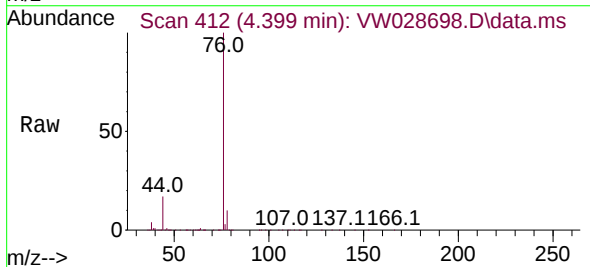
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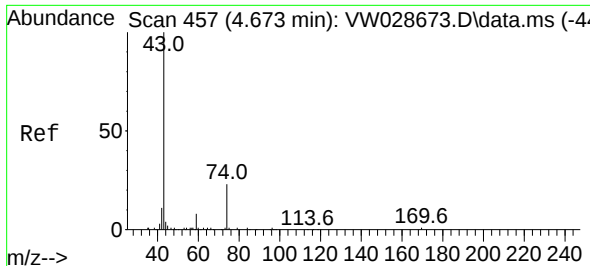
Tgt Ion: 43 Resp: 33951
Ion Ratio Lower Upper
43 100
58 27.0 0.0 54.4



#14
Carbon disulfide
Concen: 20.086 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.012 min
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Acq: 22 May 2024 19:15

Tgt Ion: 76 Resp: 228430
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0





#15

Methyl Acetate

Concen: 28.805 ug/L

RT: 4.673 min Scan# 4

Delta R.T. -0.000 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

Instrument :

MSVOA_W

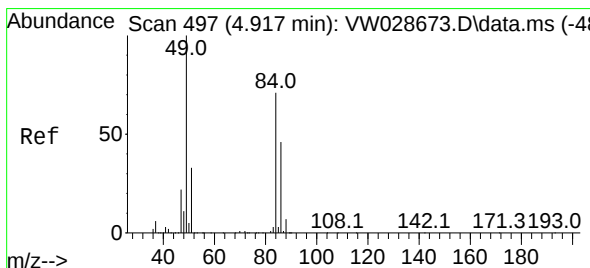
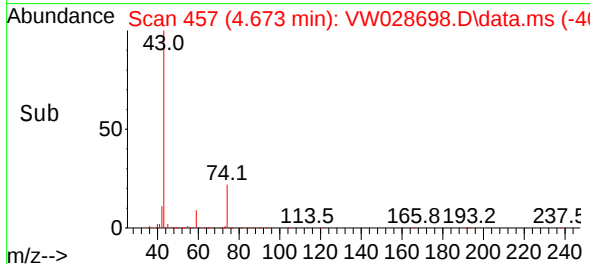
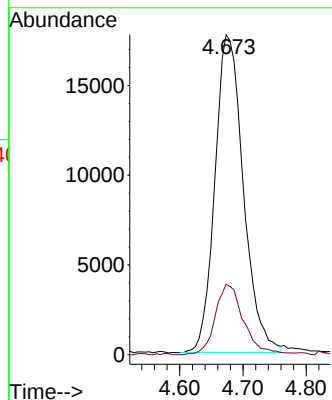
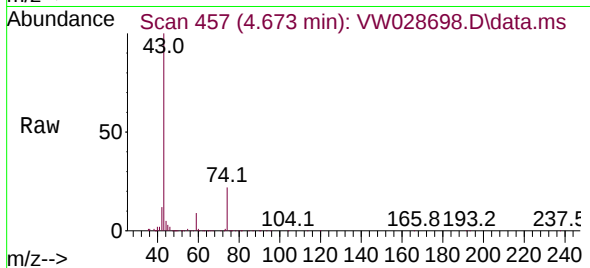
ClientSampleId :

Tgt Ion: 43 Resp: 55222

Ion Ratio Lower Upper

43 100

74 22.1 17.6 26.4



#16

Methylene chloride

Concen: 24.603 ug/L

RT: 4.929 min Scan# 499

Delta R.T. 0.012 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

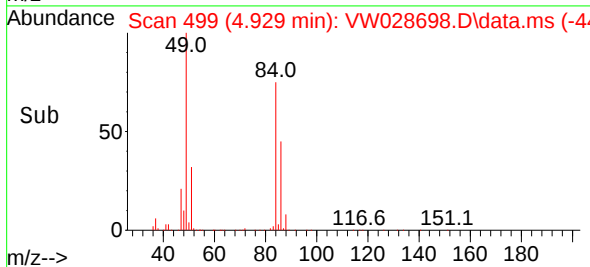
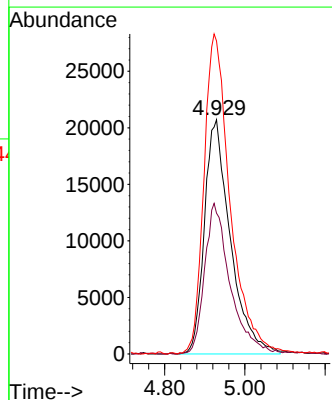
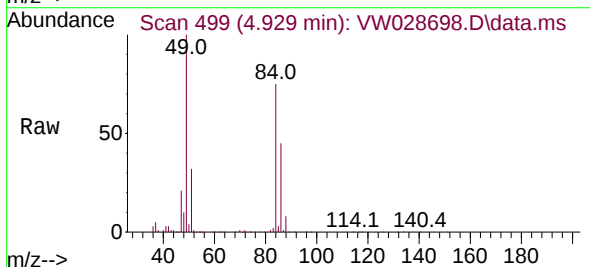
Tgt Ion: 84 Resp: 93030

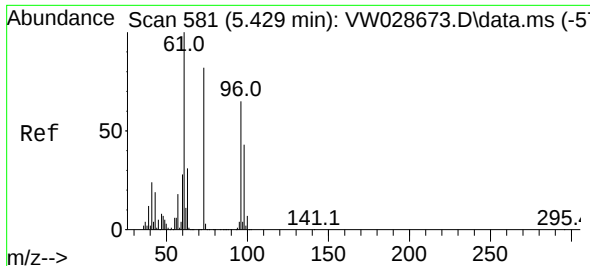
Ion Ratio Lower Upper

84 100

86 60.1 44.4 82.4

49 133.7 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 24.211 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

Instrument :

MSVOA_W

ClientSampleId :

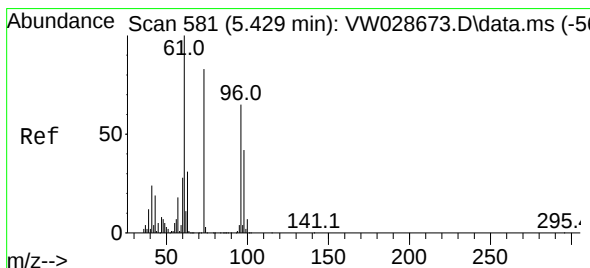
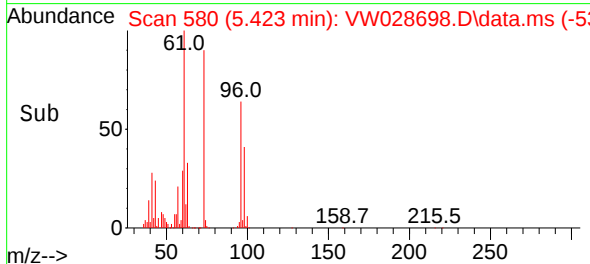
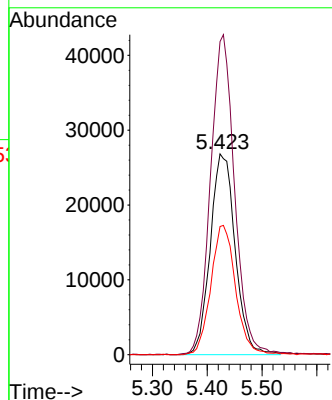
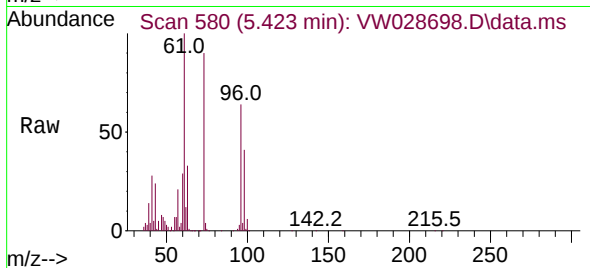
Tgt Ion: 96 Resp: 84817

Ion Ratio Lower Upper

96 100

61 156.0 109.0 202.4

98 63.8 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 26.250 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

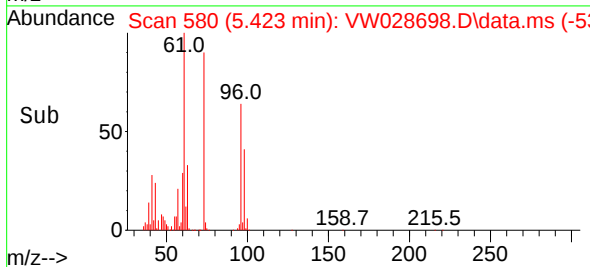
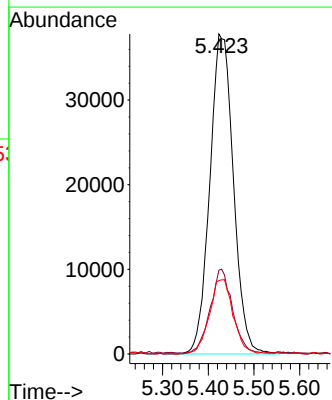
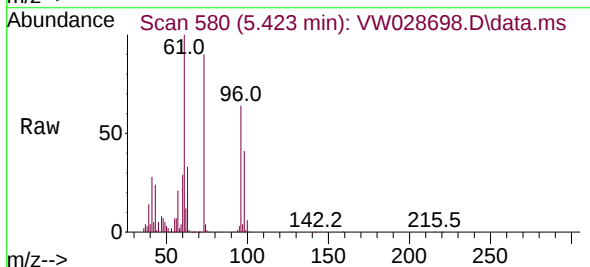
Tgt Ion: 73 Resp: 135705

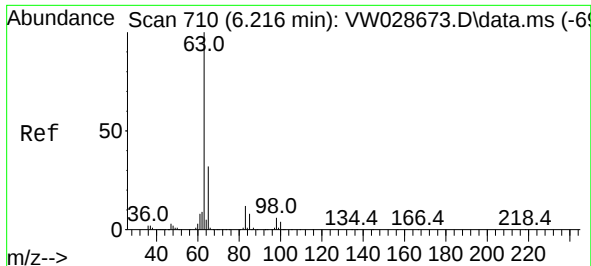
Ion Ratio Lower Upper

73 100

43 24.6 19.2 28.8

57 0.0 18.5 27.7#





#19

1,1-Dichloroethane

Concen: 26.036 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

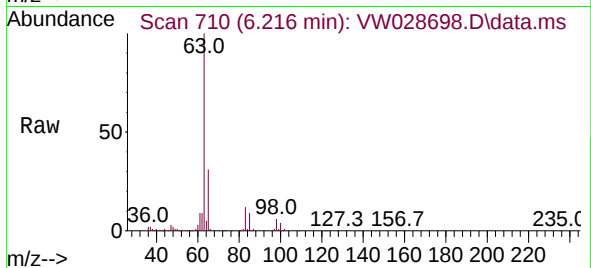
Lab File: VW028698.D

Acq: 22 May 2024 19:15

Instrument :

MSVOA_W

ClientSampleId :



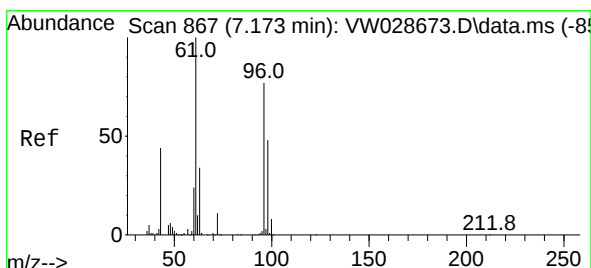
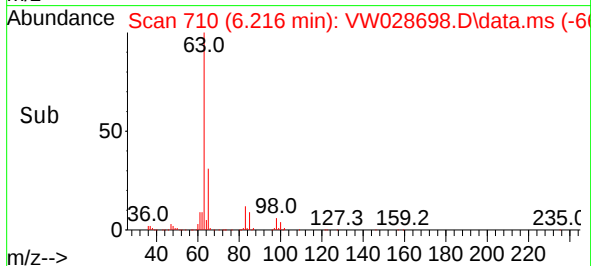
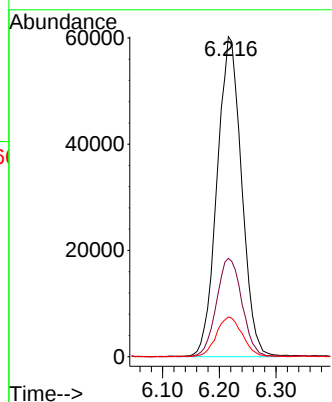
Tgt Ion: 63 Resp: 180872

Ion Ratio Lower Upper

63 100

65 30.8 22.9 42.5

83 12.4 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 26.720 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

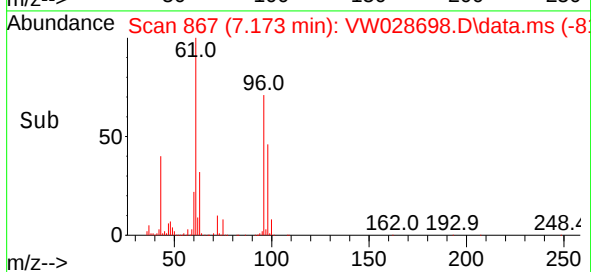
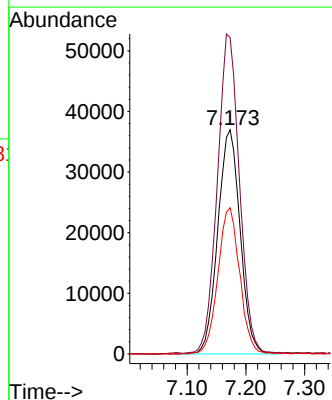
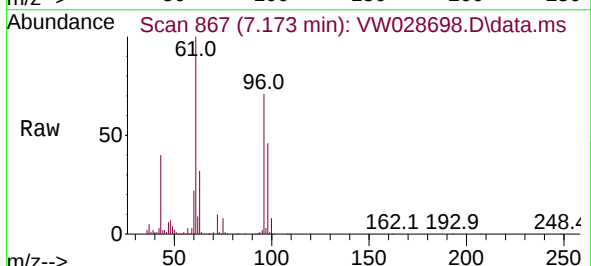
Tgt Ion: 96 Resp: 97964

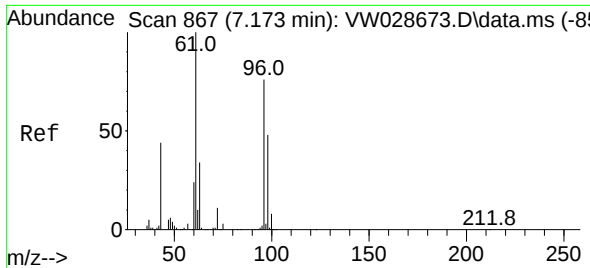
Ion Ratio Lower Upper

96 100

61 141.2 102.8 191.0

98 65.3 44.3 82.3

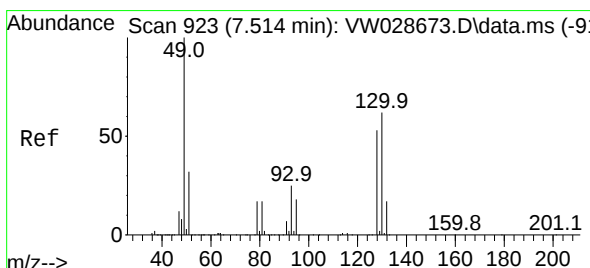
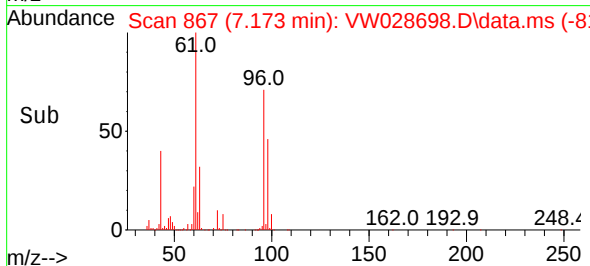
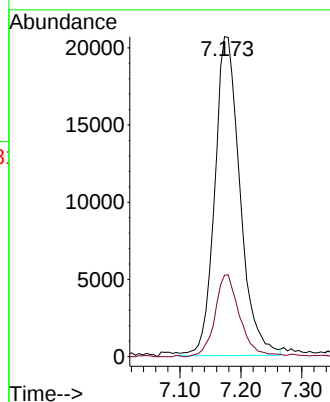
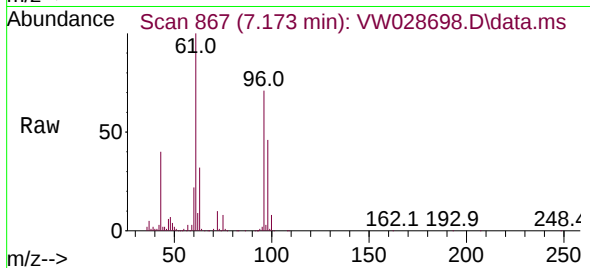




#22
2-Butanone
Concen: 42.119 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028698.D
Acq: 22 May 2024 19:15

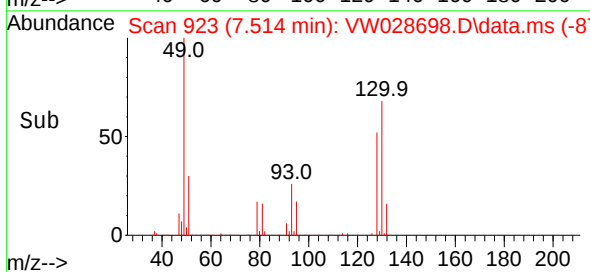
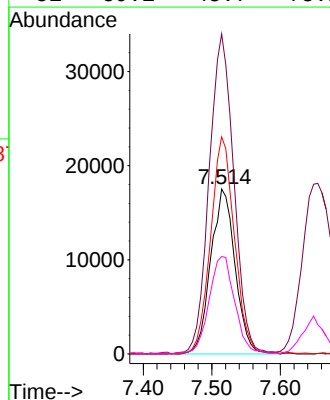
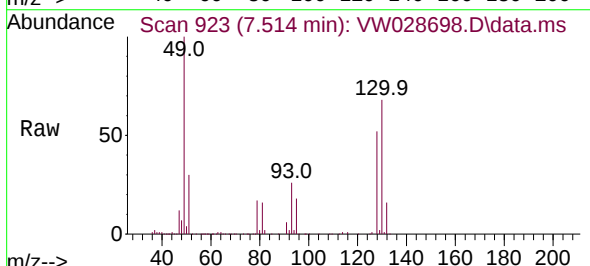
Instrument :
MSVOA_W
ClientSampleId :

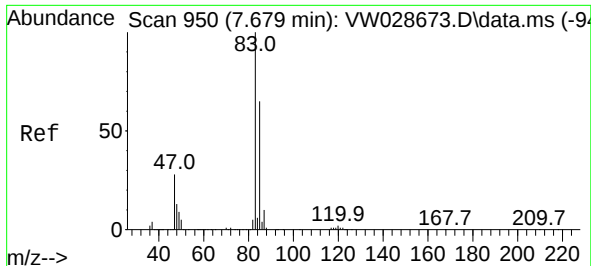
Tgt Ion: 43 Resp: 59572
Ion Ratio Lower Upper
43 100
72 24.8 12.2 36.6



#23
Bromochloromethane
Concen: 27.062 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028698.D
Acq: 22 May 2024 19:15

Tgt Ion: 128 Resp: 43279
Ion Ratio Lower Upper
128 100
49 194.0 139.6 259.2
130 131.6 91.2 169.4
51 59.1 48.7 73.1





#25

Chloroform

Concen: 27.574 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

Instrument :

MSVOA_W

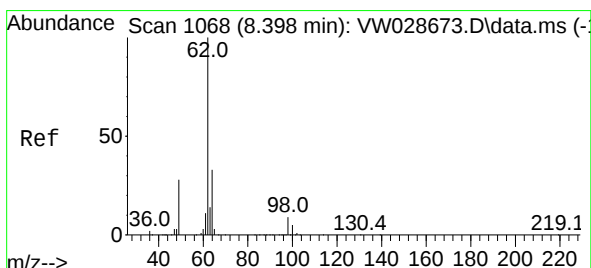
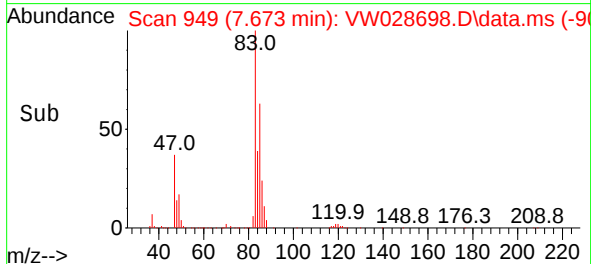
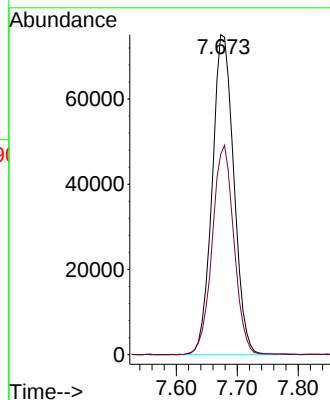
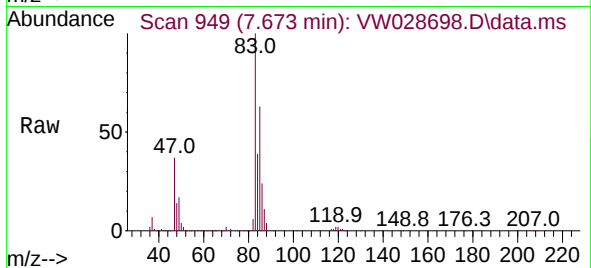
ClientSampleId :

Tgt Ion: 83 Resp: 185272

Ion Ratio Lower Upper

83 100

85 62.6 43.4 80.6



#27

1,2-Dichloroethane

Concen: 27.586 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028698.D

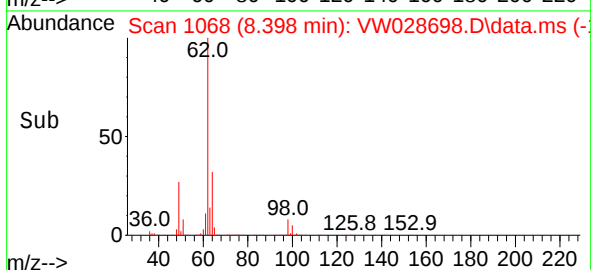
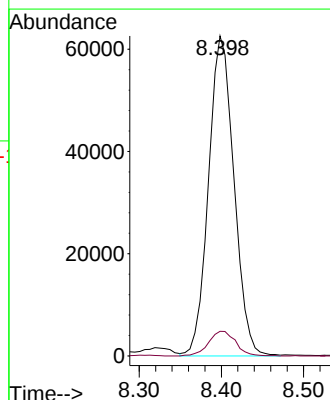
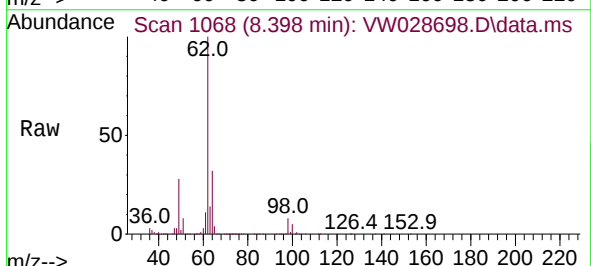
Acq: 22 May 2024 19:15

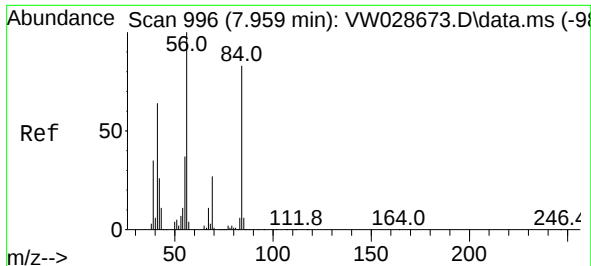
Tgt Ion: 62 Resp: 134739

Ion Ratio Lower Upper

62 100

98 7.7 7.0 10.6





#29

Cyclohexane

Concen: 21.391 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

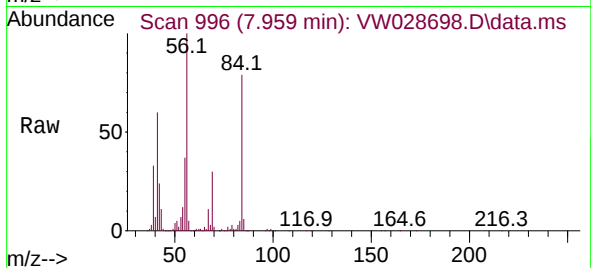
Lab File: VW028698.D

Acq: 22 May 2024 19:15

Instrument :

MSVOA_W

ClientSampleId :



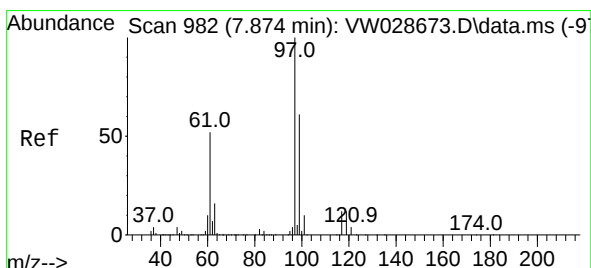
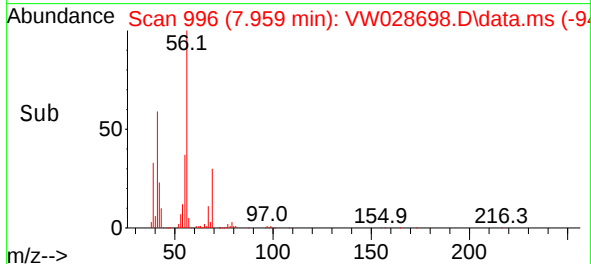
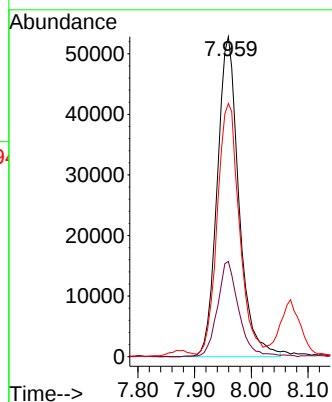
Tgt Ion: 56 Resp: 140349

Ion Ratio Lower Upper

56 100

69 28.3 23.4 35.0

84 80.4 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 23.409 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

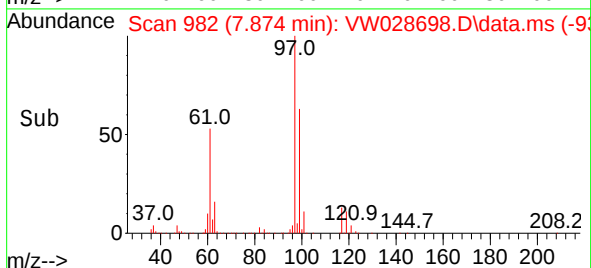
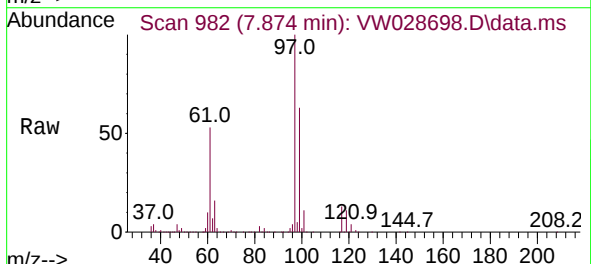
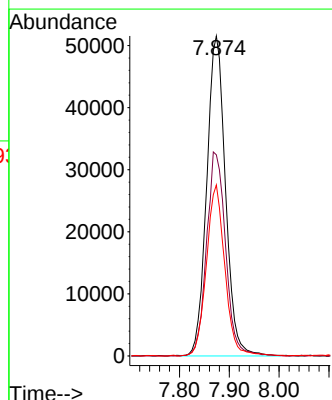
Tgt Ion: 97 Resp: 134983

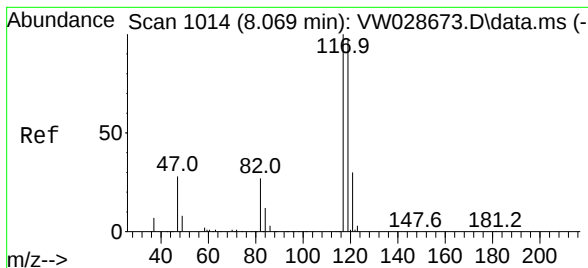
Ion Ratio Lower Upper

97 100

99 64.7 50.9 76.3

61 52.4 41.0 61.6





#31

Carbon tetrachloride

Concen: 23.048 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

Instrument :

MSVOA_W

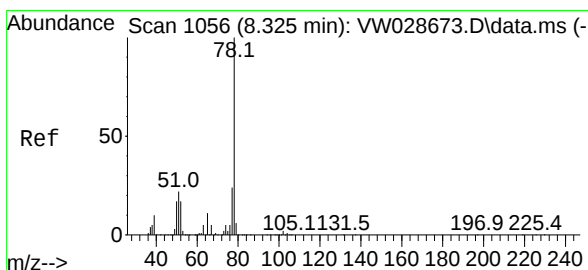
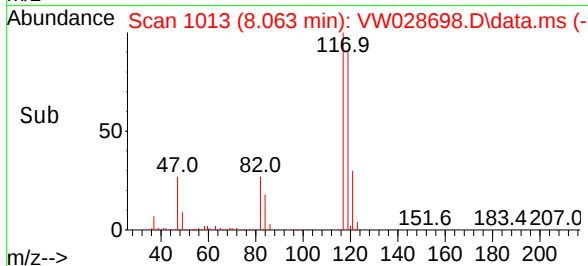
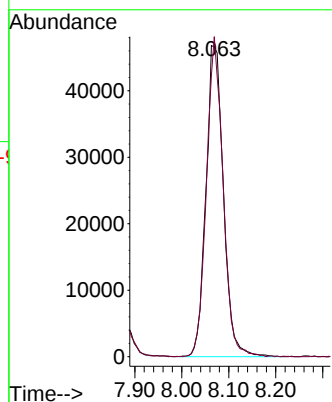
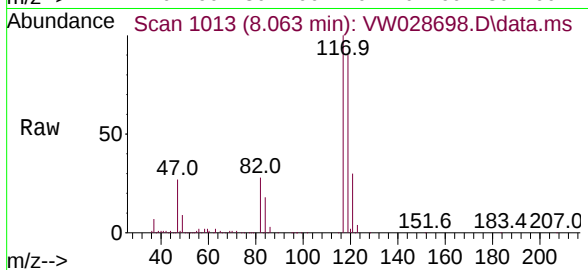
ClientSampleId :

Tgt Ion:117 Resp: 121177

Ion Ratio Lower Upper

117 100

119 97.3 77.2 115.8



#33

Benzene

Concen: 25.318 ug/L

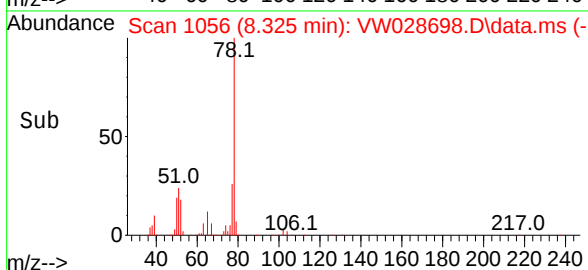
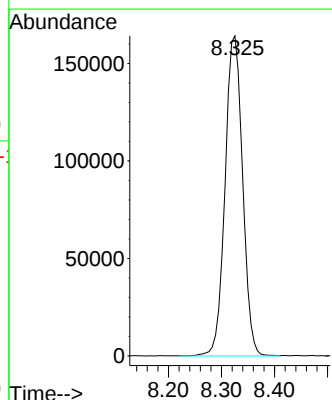
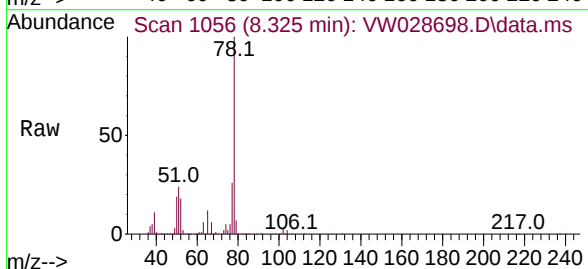
RT: 8.325 min Scan# 1056

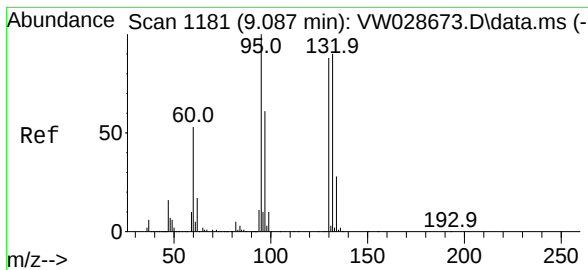
Delta R.T. -0.000 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

Tgt Ion: 78 Resp: 377787





#34

Trichloroethene

Concen: 24.092 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

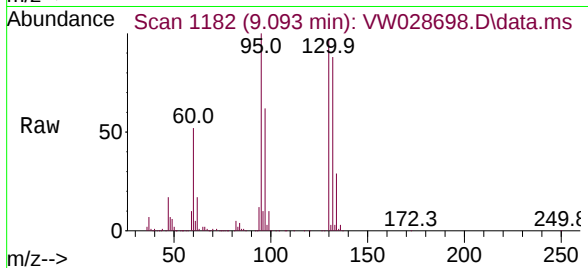
Lab File: VW028698.D

Acq: 22 May 2024 19:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 96386

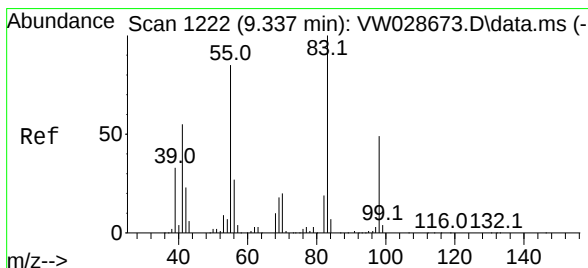
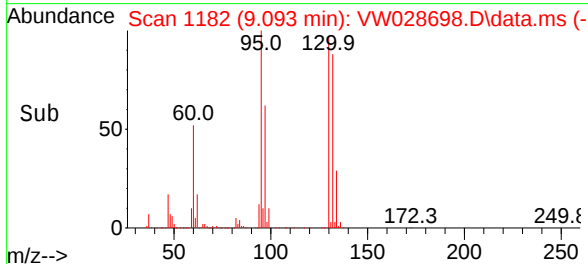
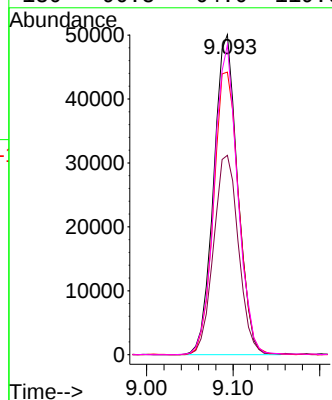
Ion Ratio Lower Upper

95 100

97 62.3 44.9 83.3

132 88.3 59.7 110.9

130 96.8 64.0 119.0



#35

Methylcyclohexane

Concen: 21.328 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

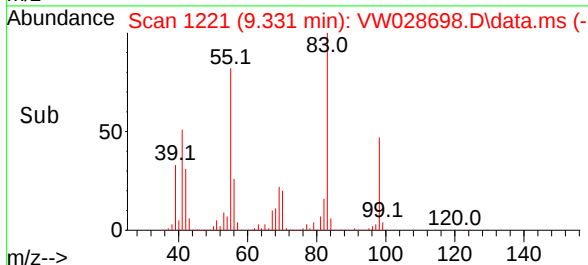
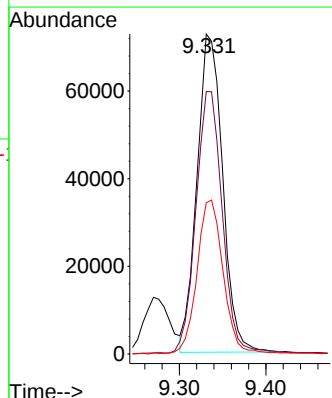
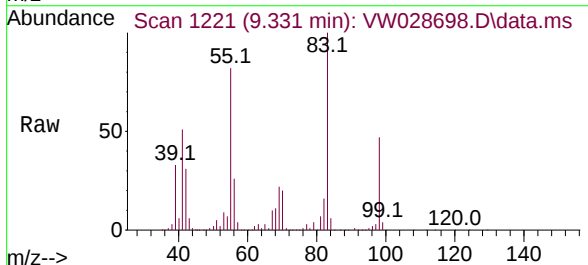
Tgt Ion: 83 Resp: 149117

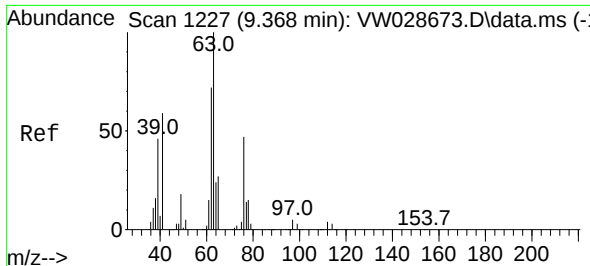
Ion Ratio Lower Upper

83 100

55 84.9 66.9 100.3

98 48.8 37.9 56.9





#37

1,2-Dichloropropane

Concen: 26.688 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

Instrument :

MSVOA_W

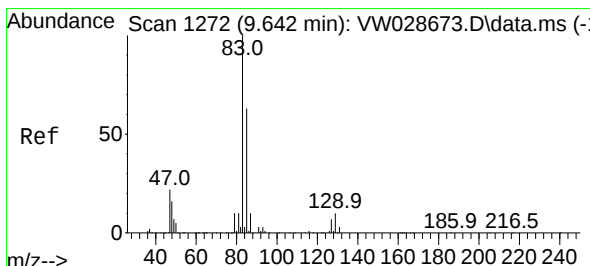
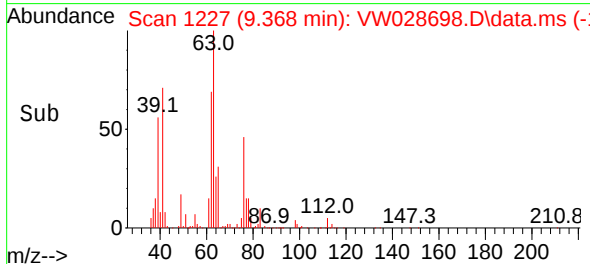
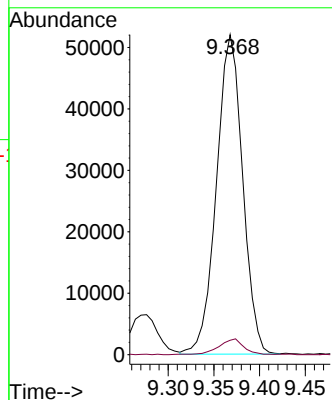
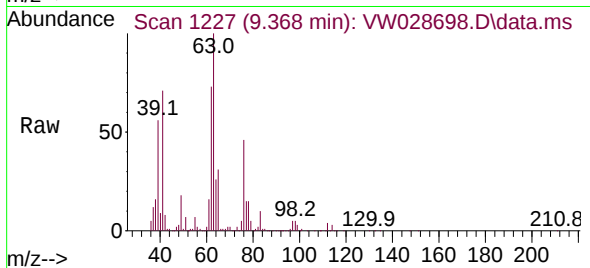
ClientSampleId :

Tgt Ion: 63 Resp: 103770

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 27.926 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

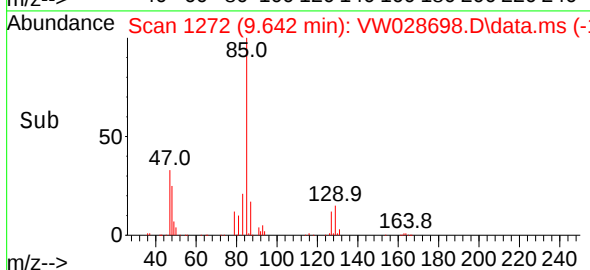
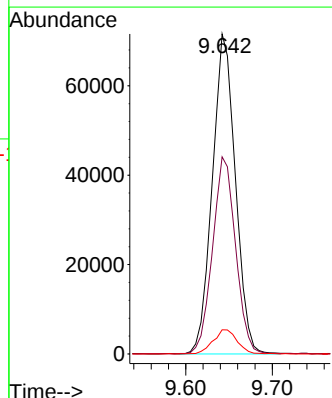
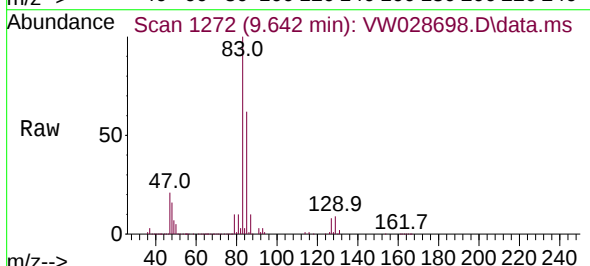
Tgt Ion: 83 Resp: 132361

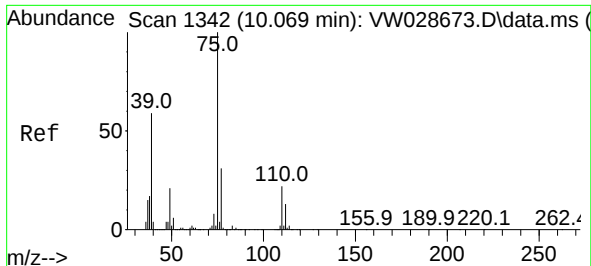
Ion Ratio Lower Upper

83 100

85 61.6 43.0 80.0

127 7.6 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 26.193 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

Instrument :

MSVOA_W

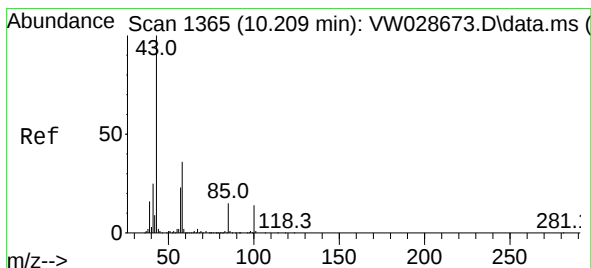
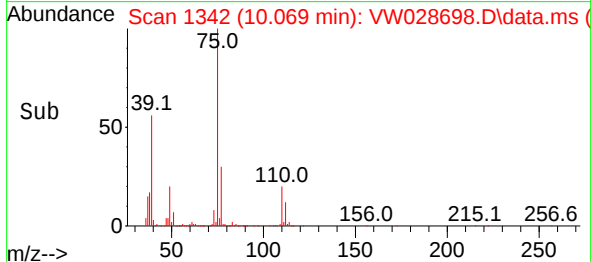
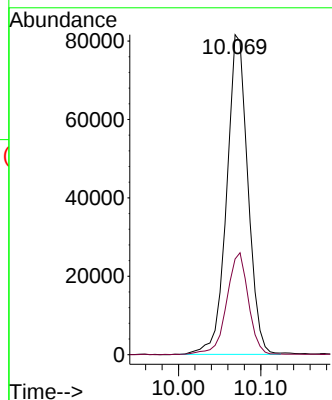
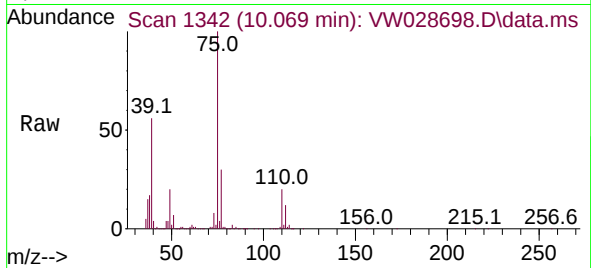
ClientSampleId :

Tgt Ion: 75 Resp: 145974

Ion Ratio Lower Upper

75 100

77 29.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 51.665 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

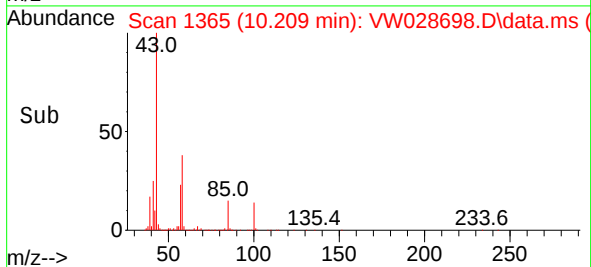
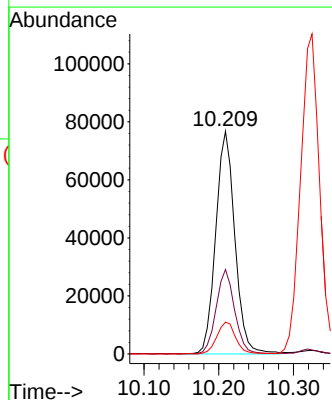
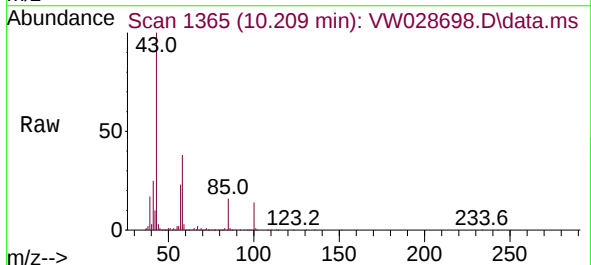
Tgt Ion: 43 Resp: 136722

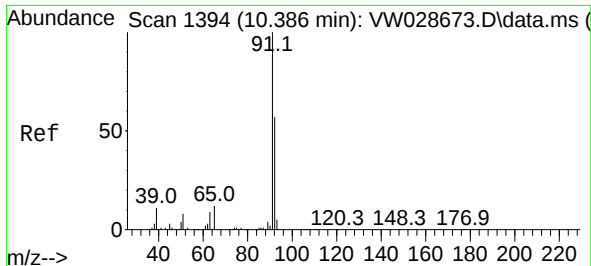
Ion Ratio Lower Upper

43 100

58 36.0 29.2 43.8

100 14.2 11.0 16.4

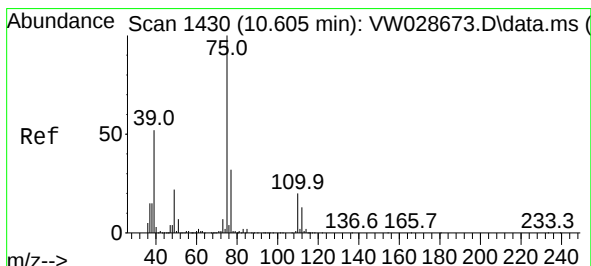
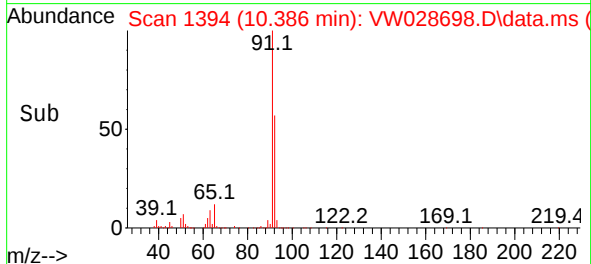
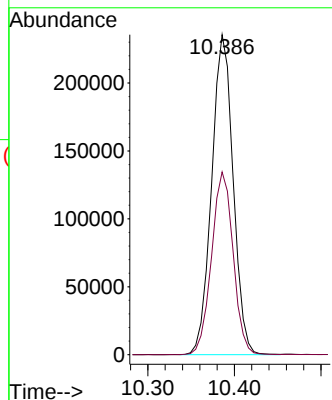
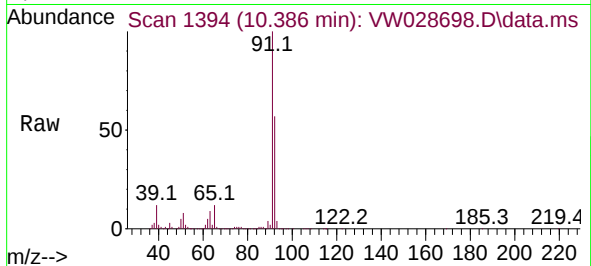




#42
Toluene
Concen: 26.310 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW028698.D
Acq: 22 May 2024 19:15

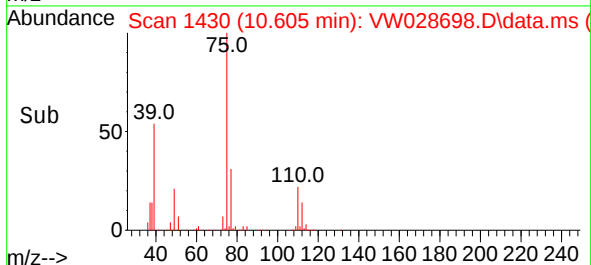
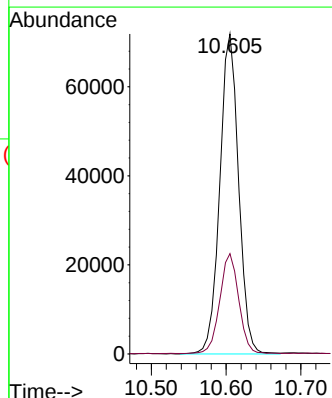
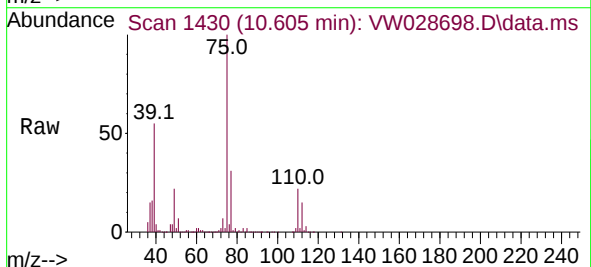
Instrument :
MSVOA_W
ClientSampleId :

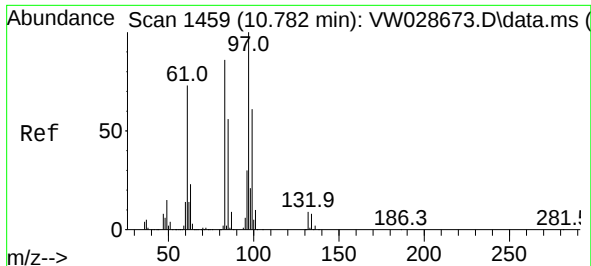
Tgt Ion: 91 Resp: 405487
Ion Ratio Lower Upper
91 100
92 57.1 42.5 78.9



#44
trans-1,3-Dichloropropene
Concen: 26.829 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028698.D
Acq: 22 May 2024 19:15

Tgt Ion: 75 Resp: 126063
Ion Ratio Lower Upper
75 100
77 31.4 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 27.355 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

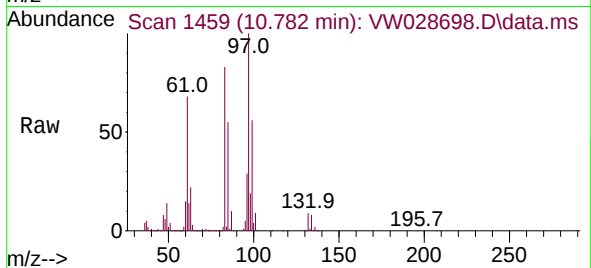
Lab File: VW028698.D

Acq: 22 May 2024 19:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 77050

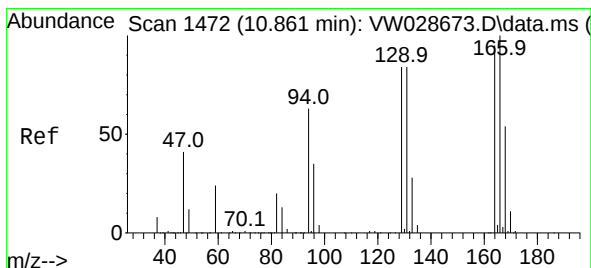
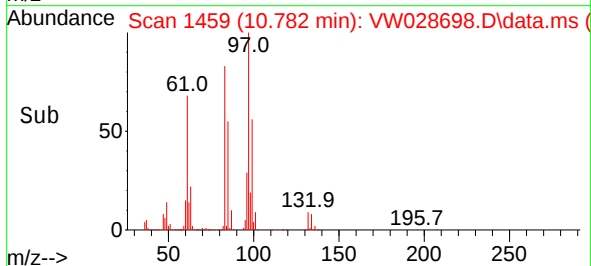
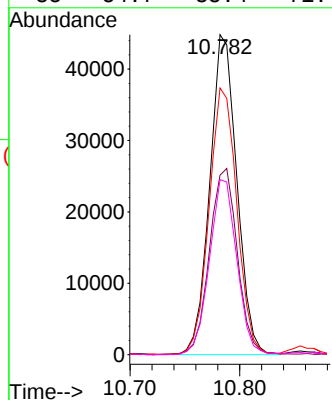
Ion Ratio Lower Upper

97 100

99 56.1 41.9 77.9

83 83.4 62.1 115.3

85 54.7 38.4 71.4



#46

Tetrachloroethene

Concen: 23.717 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

Tgt Ion:164 Resp: 68361

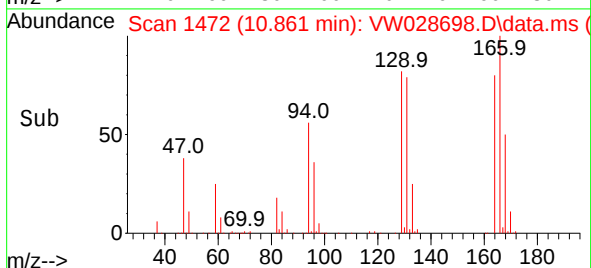
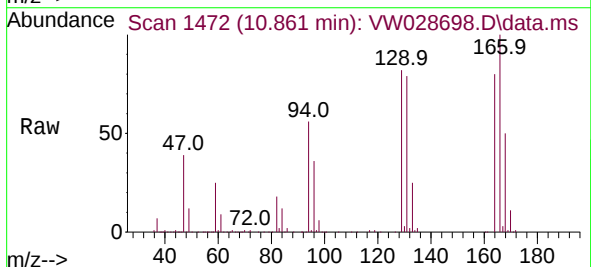
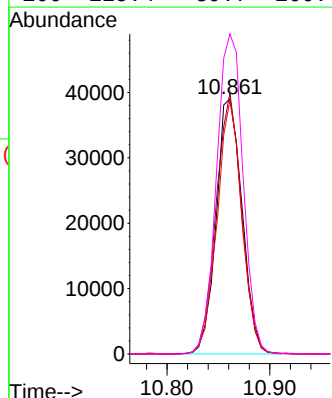
Ion Ratio Lower Upper

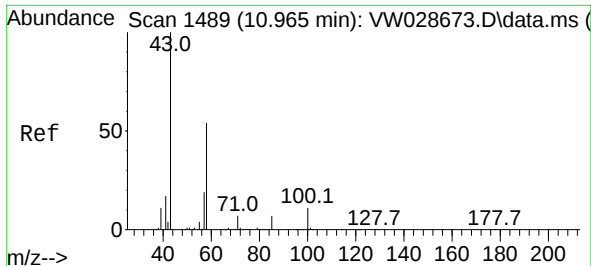
164 100

129 102.3 69.2 128.6

131 99.5 67.7 125.7

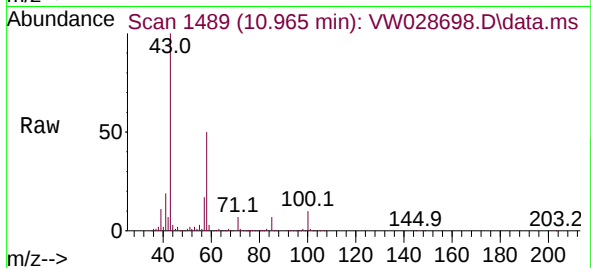
166 125.4 89.7 166.7



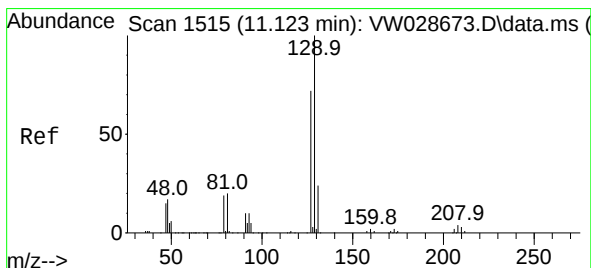
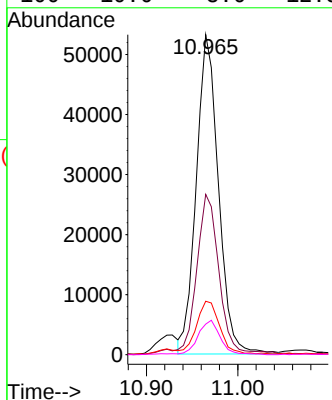
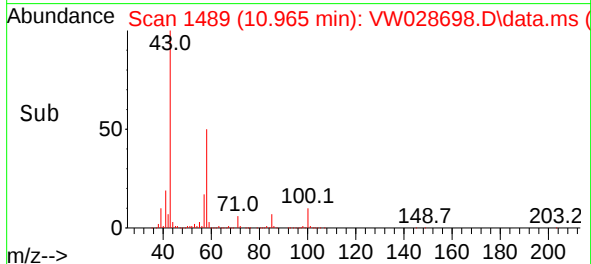


#48
2-Hexanone
Concen: 48.040 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028698.D
Acq: 22 May 2024 19:15

Instrument :
MSVOA_W
ClientSampleId :

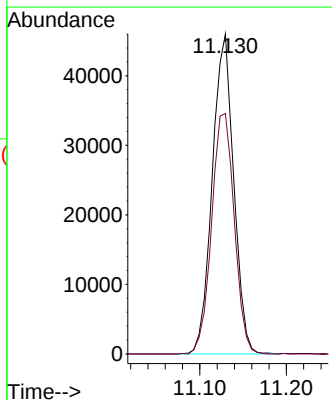
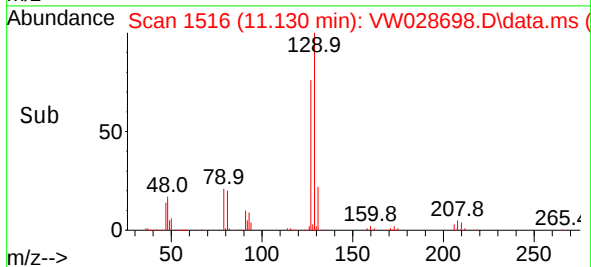
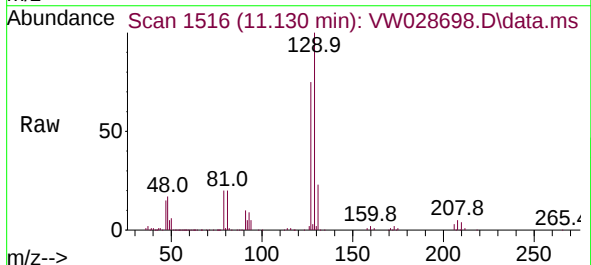


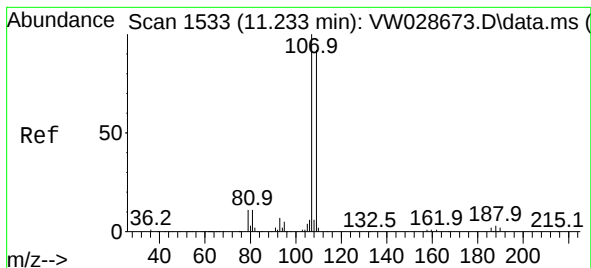
Tgt Ion:	43	Resp:	89752
Ion	Ratio	Lower	Upper
43	100		
58	47.1	41.0	61.4
57	17.6	14.8	22.2
100	10.6	8.6	12.8



#49
Dibromochloromethane
Concen: 27.990 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW028698.D
Acq: 22 May 2024 19:15

Tgt Ion:	129	Resp:	79076
Ion	Ratio	Lower	Upper
129	100		
127	75.2	54.3	100.8

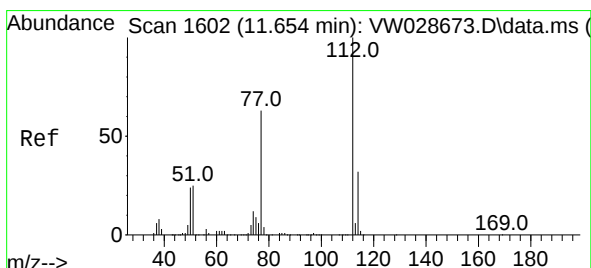
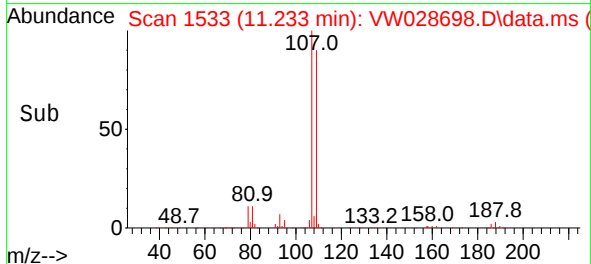
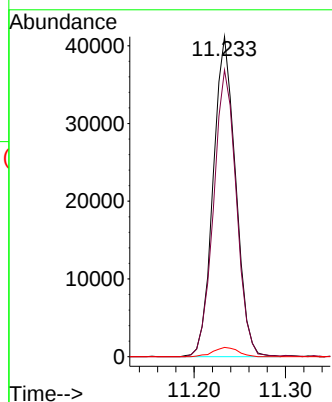
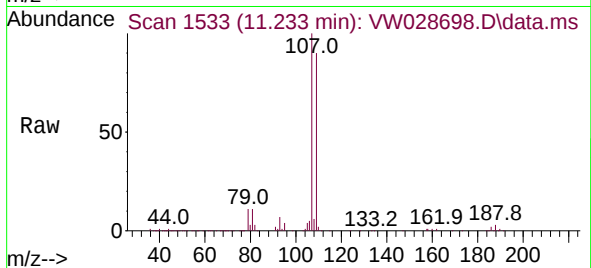




#50
1,2-Dibromoethane
Concen: 26.590 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW028698.D
Acq: 22 May 2024 19:15

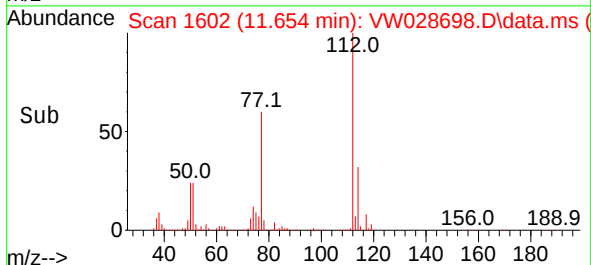
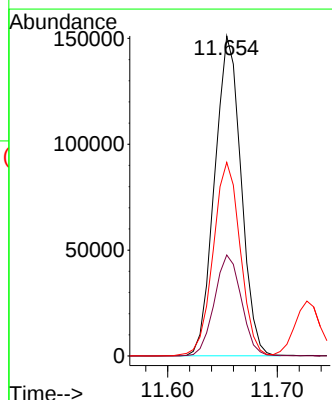
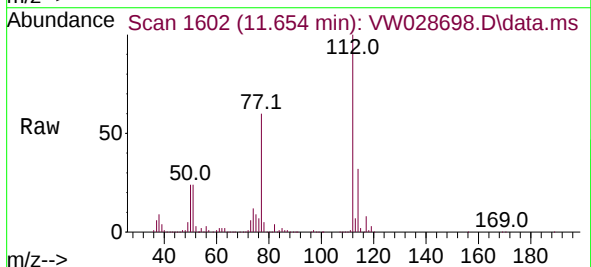
Instrument :
MSVOA_W
ClientSampleId :

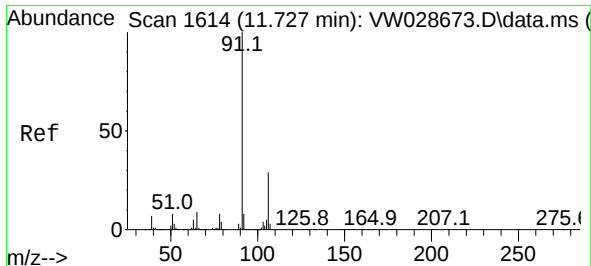
Tgt Ion:107 Resp: 70157
Ion Ratio Lower Upper
107 100
109 89.6 64.2 119.2
188 2.9 3.1 4.7#



#51
Chlorobenzene
Concen: 26.509 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028698.D
Acq: 22 May 2024 19:15

Tgt Ion:112 Resp: 252716
Ion Ratio Lower Upper
112 100
114 31.6 22.2 41.2
77 60.5 50.8 76.2





#52

Ethylbenzene

Concen: 25.768 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

Instrument :

MSVOA_W

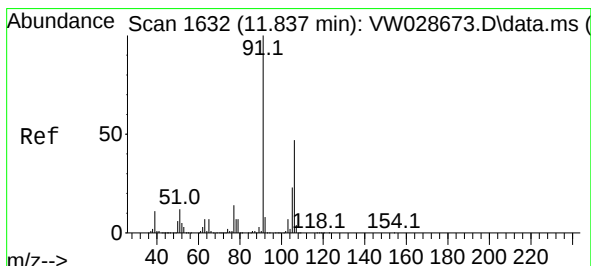
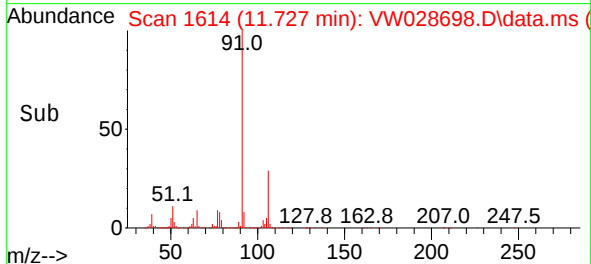
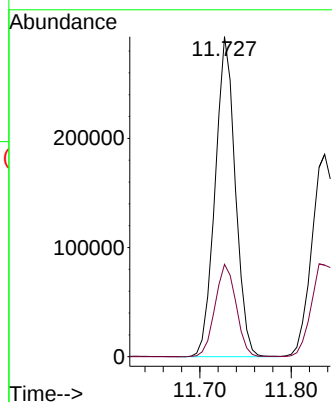
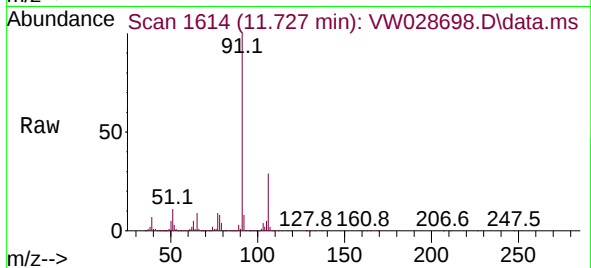
ClientSampleId :

Tgt Ion: 91 Resp: 449416

Ion Ratio Lower Upper

91 100

106 28.8 22.7 42.1



#53

m,p-Xylene

Concen: 26.276 ug/L

RT: 11.831 min Scan# 1631

Delta R.T. -0.006 min

Lab File: VW028698.D

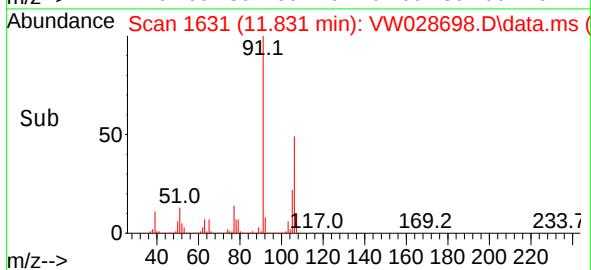
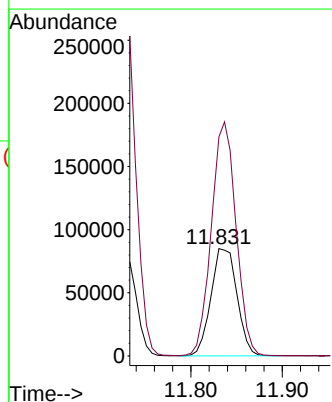
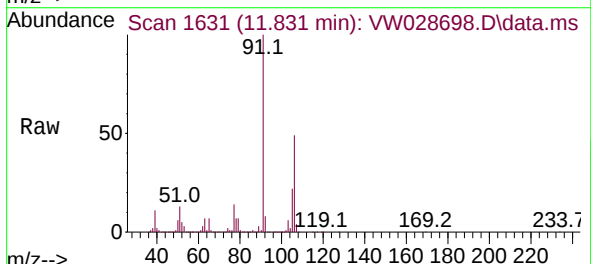
Acq: 22 May 2024 19:15

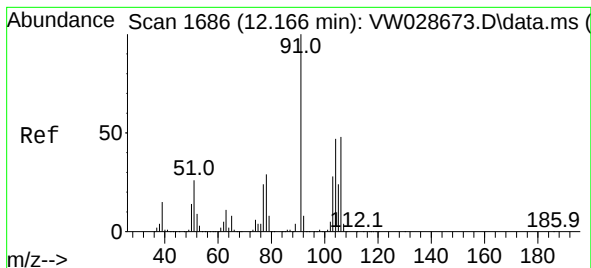
Tgt Ion:106 Resp: 167990

Ion Ratio Lower Upper

106 100

91 203.9 146.6 272.2





#54

o-Xylene

Concen: 27.452 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

Instrument :

MSVOA_W

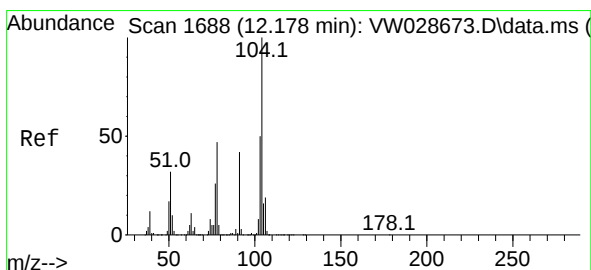
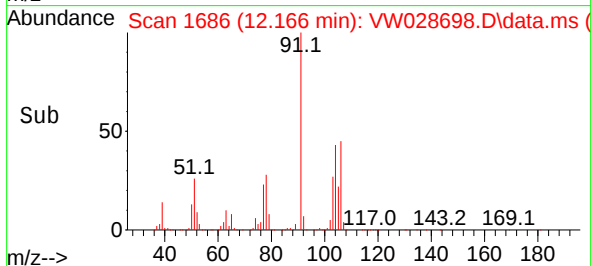
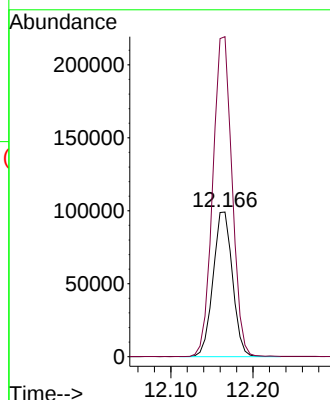
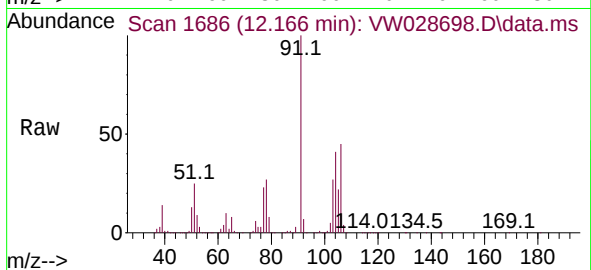
ClientSampleId :

Tgt Ion:106 Resp: 162366

Ion Ratio Lower Upper

106 100

91 221.2 154.3 286.5



#55

Styrene

Concen: 28.055 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028698.D

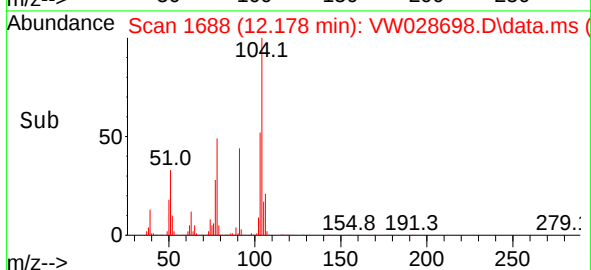
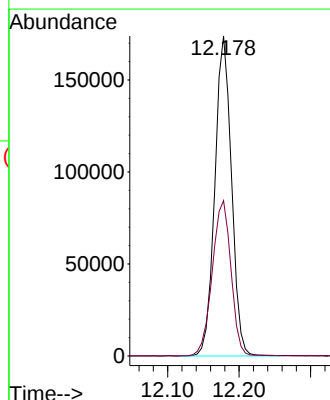
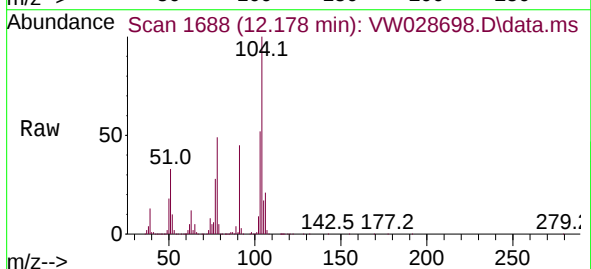
Acq: 22 May 2024 19:15

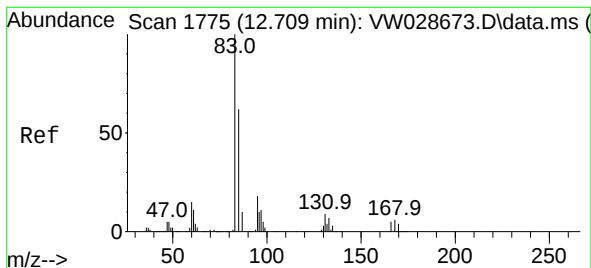
Tgt Ion:104 Resp: 281158

Ion Ratio Lower Upper

104 100

78 48.5 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 26.777 ug/L

RT: 12.709 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW028698.D

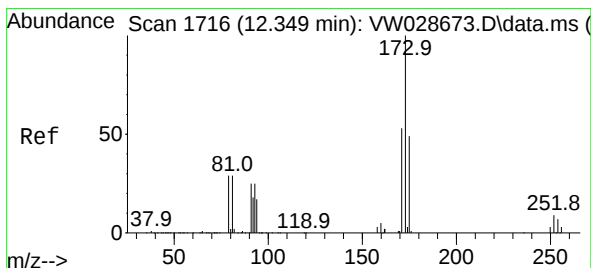
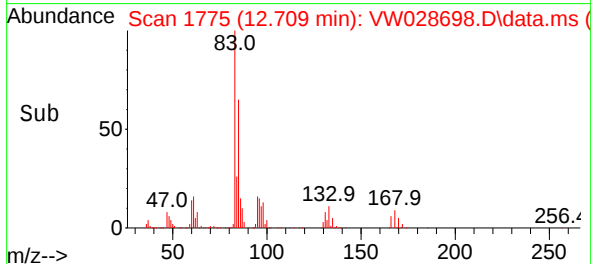
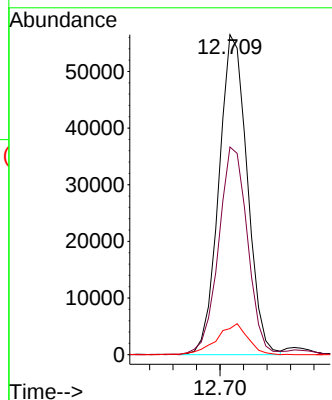
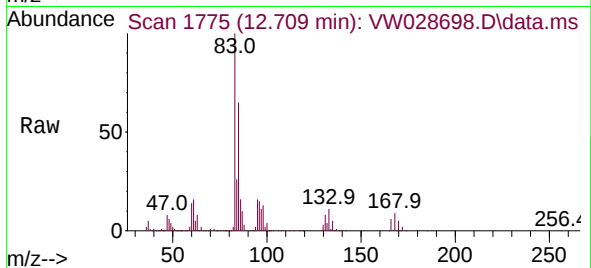
Acq: 22 May 2024 19:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	94625
Ion Ratio	Lower	Upper	
83	100		
85	64.9	45.6	84.6
131	8.2	7.3	10.9



#59

Bromoform

Concen: 24.979 ug/L

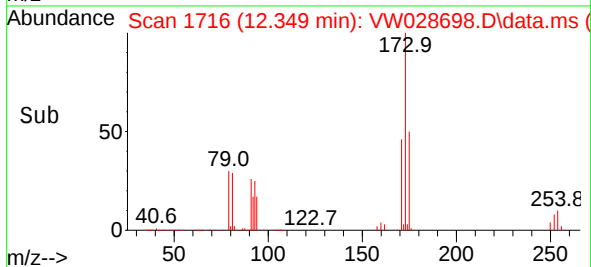
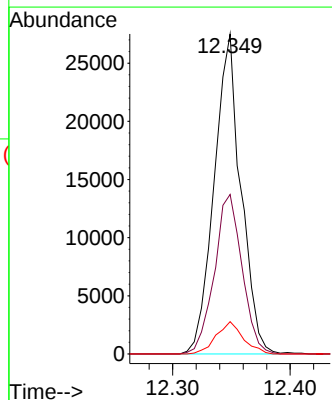
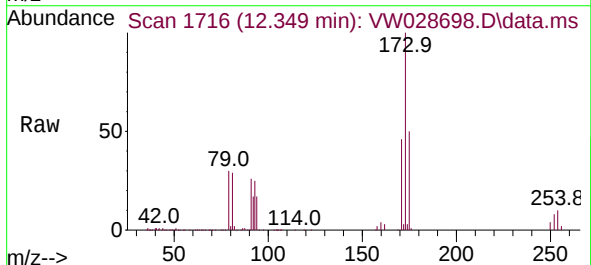
RT: 12.349 min Scan# 1716

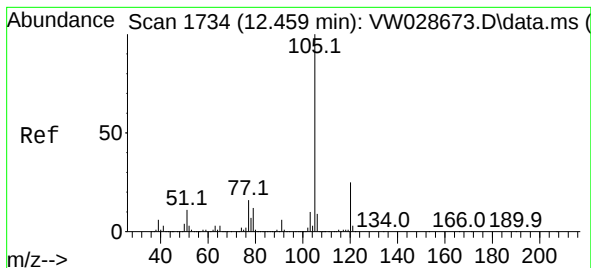
Delta R.T. -0.000 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

Tgt Ion:	173	Resp:	43564
Ion Ratio	Lower	Upper	
173	100		
175	51.5	39.8	59.8
254	10.2	7.1	10.7





#60

Isopropylbenzene

Concen: 24.077 ug/L

RT: 12.459 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028698.D

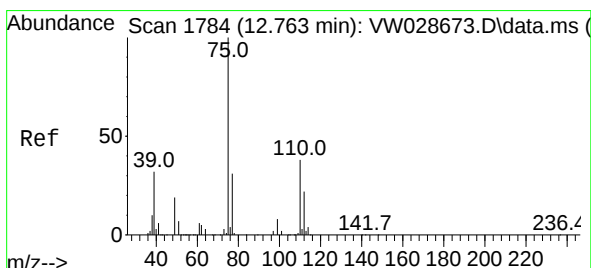
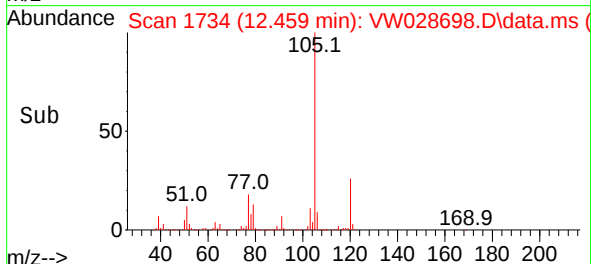
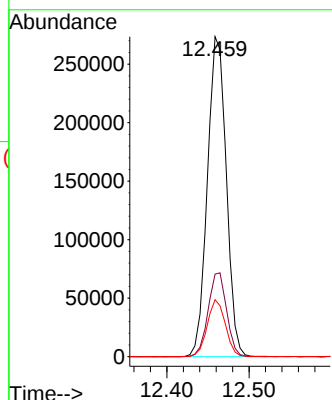
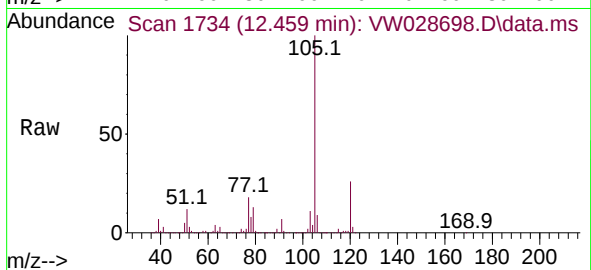
Acq: 22 May 2024 19:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	436670
Ion Ratio	Lower	Upper	
105	100		
120	25.7	20.5	30.7
77	16.9	13.4	20.2



#61

1,2,3-Trichloropropane

Concen: 23.964 ug/L

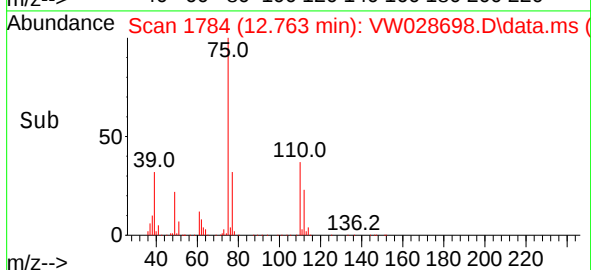
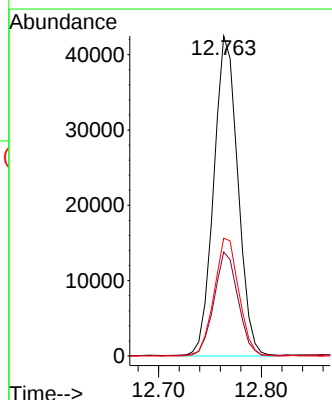
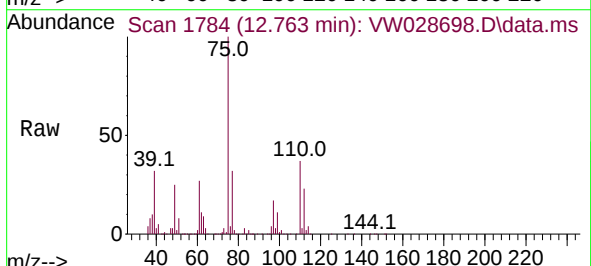
RT: 12.763 min Scan# 1784

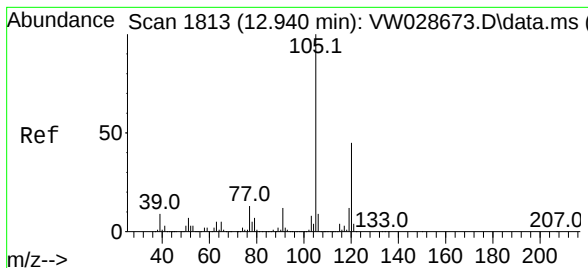
Delta R.T. -0.000 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

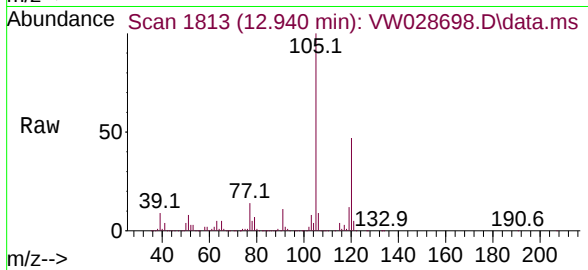
Tgt Ion:	75	Resp:	69231
Ion Ratio	Lower	Upper	
75	100		
77	32.0	25.9	38.9
110	37.6	30.6	45.8



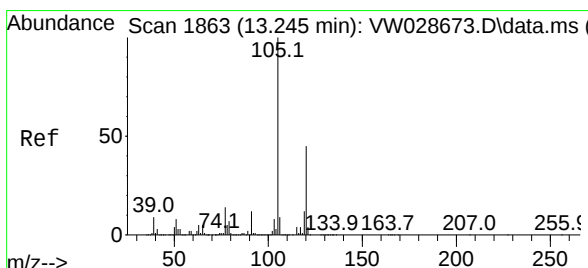
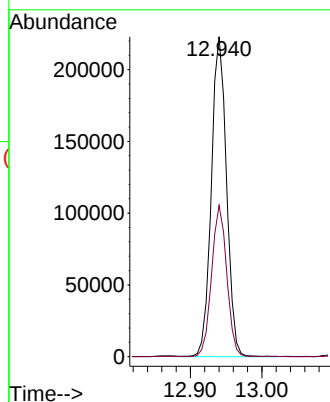
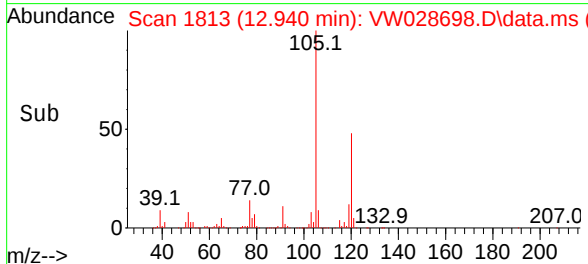


#62
1,3,5-Trimethylbenzene
Concen: 25.579 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028698.D
Acq: 22 May 2024 19:15

Instrument :
MSVOA_W
ClientSampleId :

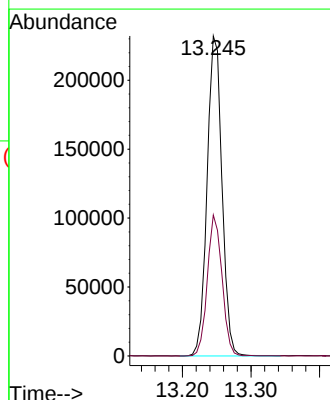
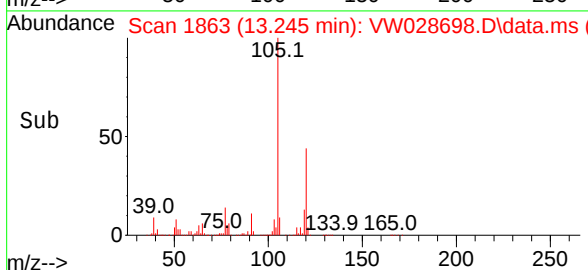
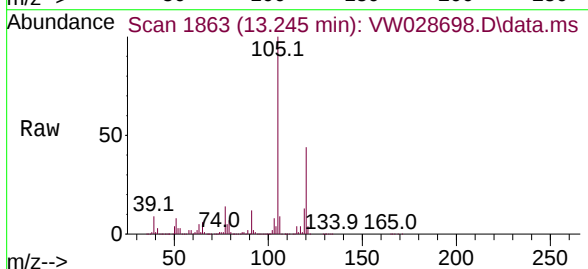


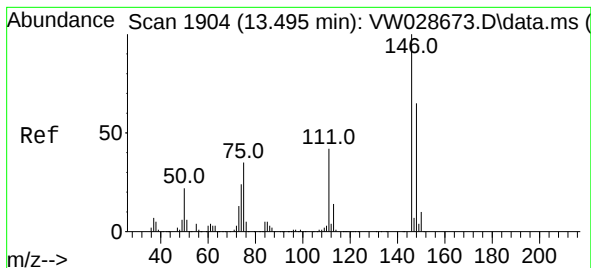
Tgt Ion:105 Resp: 328217
Ion Ratio Lower Upper
105 100
120 47.0 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 25.361 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028698.D
Acq: 22 May 2024 19:15

Tgt Ion:105 Resp: 350641
Ion Ratio Lower Upper
105 100
120 43.3 34.1 51.1





#64

1,3-Dichlorobenzene

Concen: 24.353 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

Instrument :

MSVOA_W

ClientSampleId :

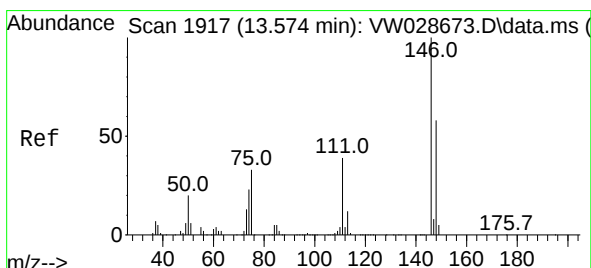
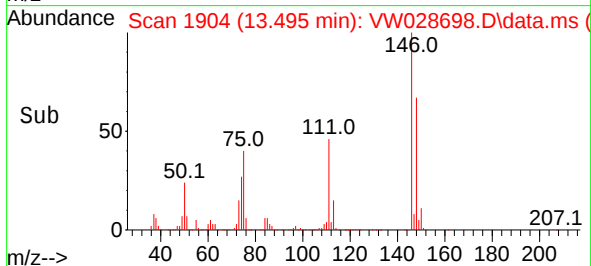
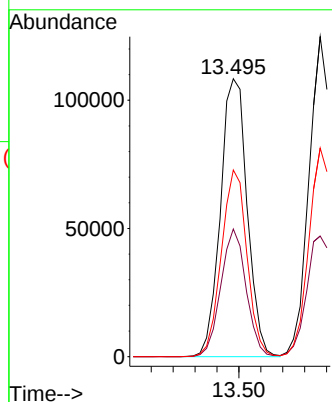
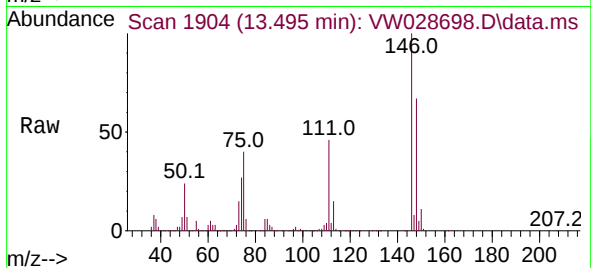
Tgt Ion:146 Resp: 183737

Ion Ratio Lower Upper

146 100

111 45.9 30.7 57.1

148 67.2 47.0 87.2



#65

1,4-Dichlorobenzene

Concen: 24.974 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

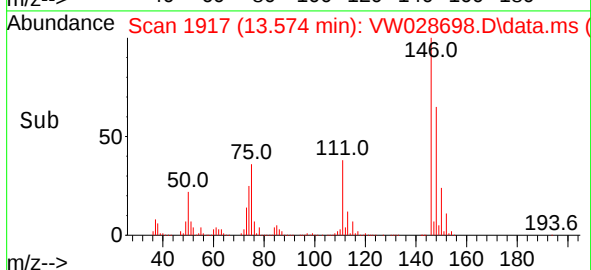
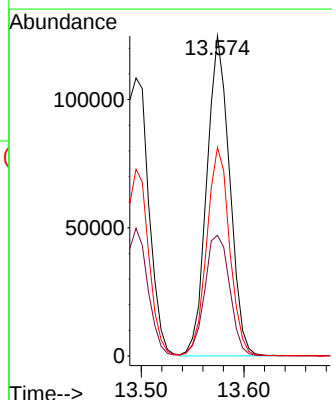
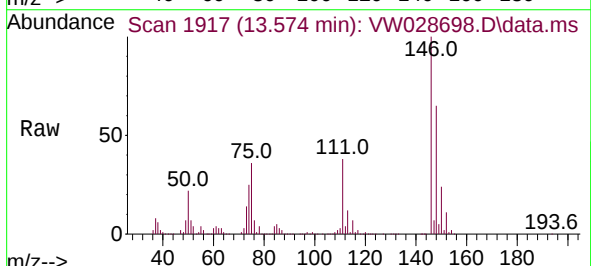
Tgt Ion:146 Resp: 192631

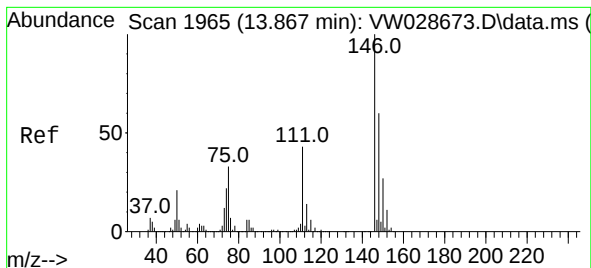
Ion Ratio Lower Upper

146 100

111 37.7 29.1 54.1

148 65.2 41.2 76.6





#67

1,2-Dichlorobenzene

Concen: 25.615 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

Instrument :

MSVOA_W

ClientSampleId :

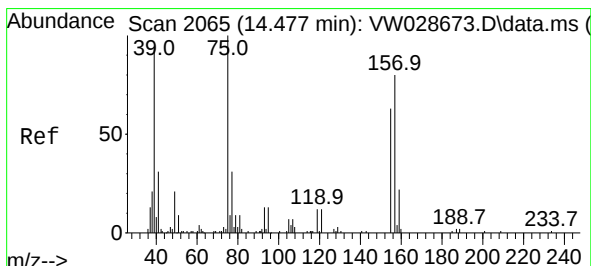
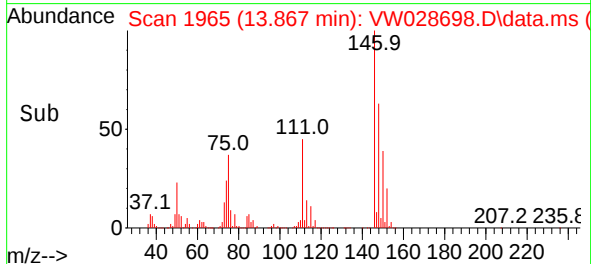
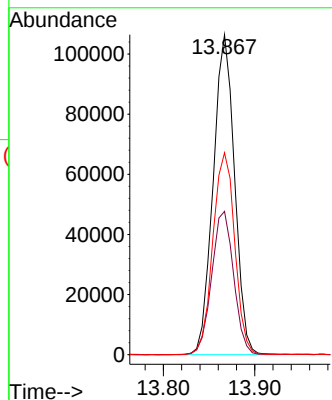
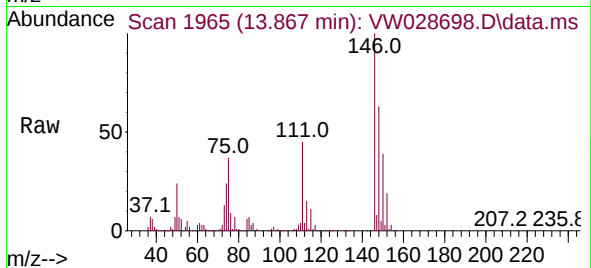
Tgt Ion:146 Resp: 172972

Ion Ratio Lower Upper

146 100

111 44.8 34.7 52.1

148 63.1 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 22.763 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

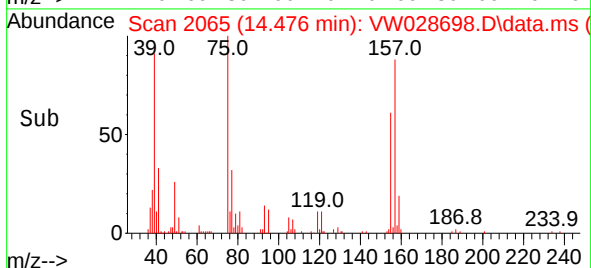
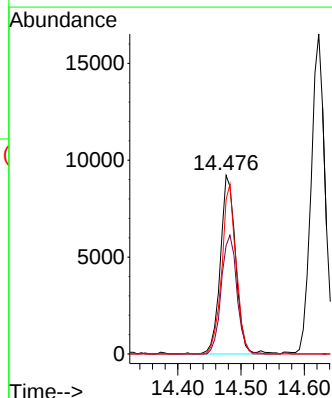
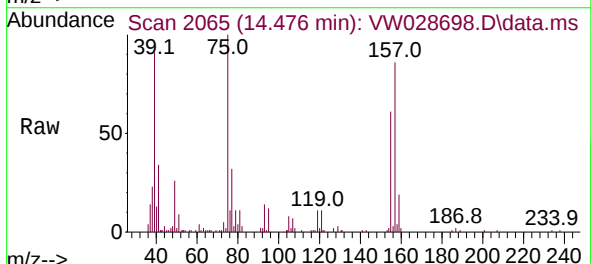
Tgt Ion: 75 Resp: 15376

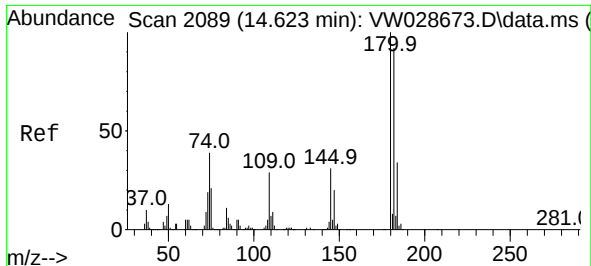
Ion Ratio Lower Upper

75 100

155 60.7 55.1 82.7

157 86.4 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 22.610 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

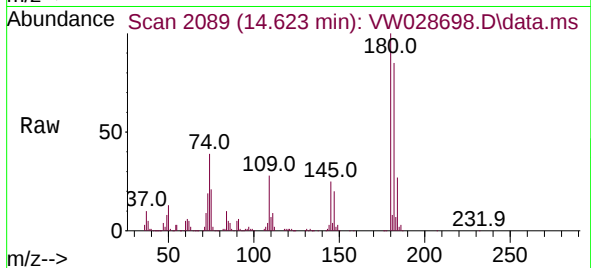
Lab File: VW028698.D

Acq: 22 May 2024 19:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 114468

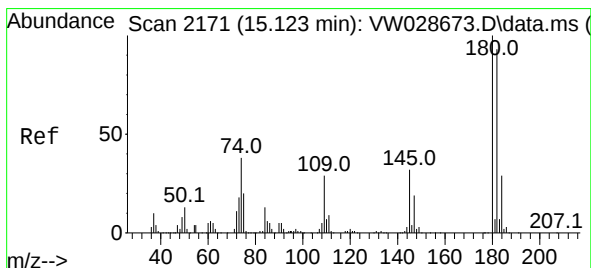
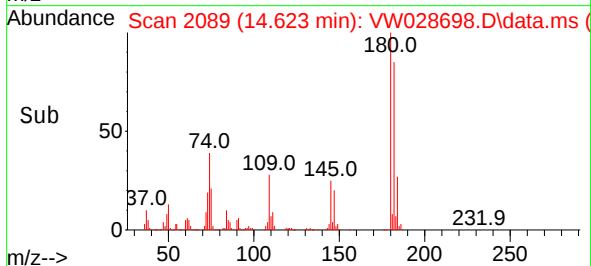
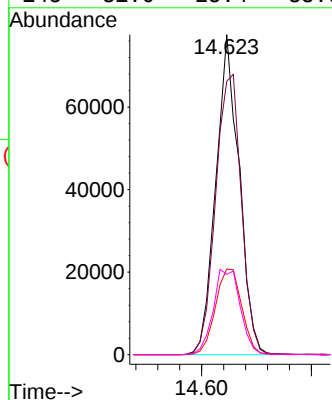
Ion Ratio Lower Upper

180 100

182 96.8 75.4 113.2

184 30.3 24.0 36.0

145 31.0 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 25.113 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028698.D

Acq: 22 May 2024 19:15

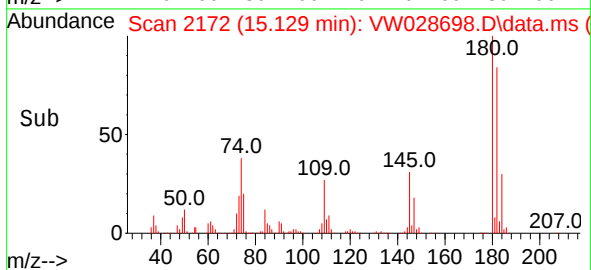
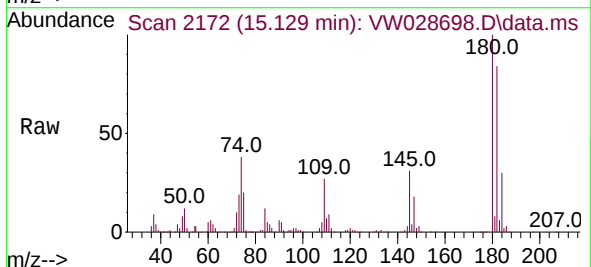
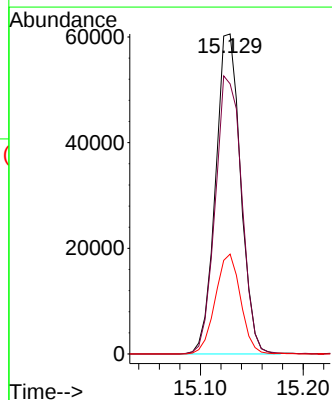
Tgt Ion:180 Resp: 102730

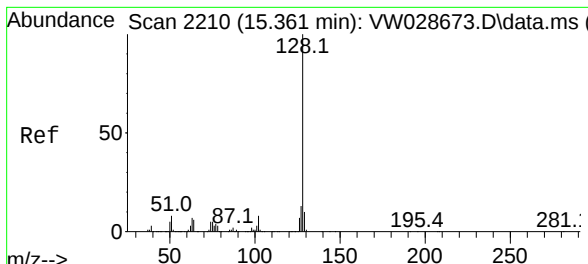
Ion Ratio Lower Upper

180 100

182 91.6 77.2 115.8

145 31.4 26.6 39.8



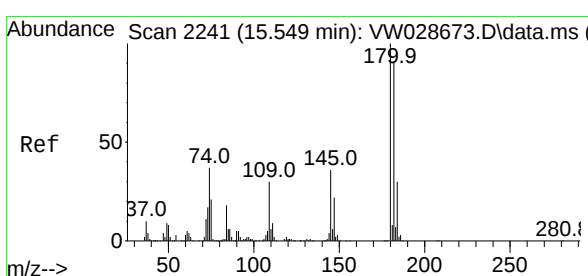
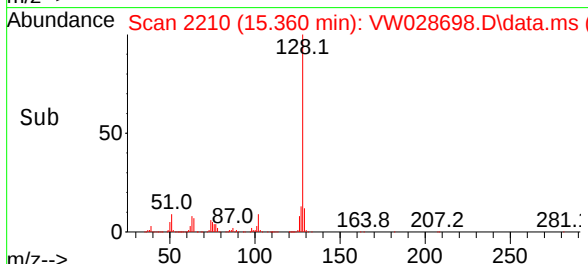
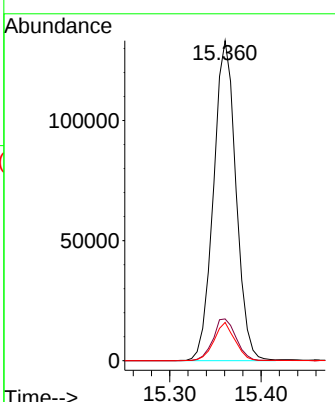
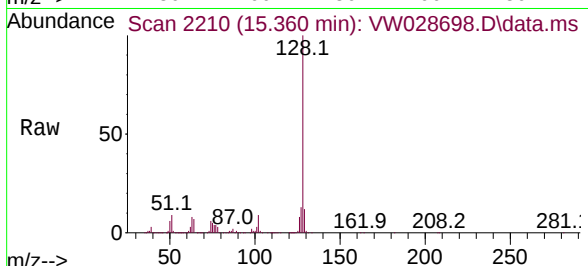


#71
Naphthalene
Concen: 26.103 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW028698.D
Acq: 22 May 2024 19:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 227503

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	11.2	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 26.566 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW028698.D
Acq: 22 May 2024 19:15

Tgt Ion:180 Resp: 98062

Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.1	114.1
145	34.1	28.3	42.5

