

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
 Data File : VW028567.D
 Acq On : 02 May 2024 12:58
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 03 03:05:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 03 02:58:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	259704	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	234347	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	112373	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	126156	25.581	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.320%
7) Chloroethane-d5	2.899	69	93396	24.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.920%
11) 1,1-Dichloroethene-d2	4.027	65	52505	25.483	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.920%
21) 2-Butanone-d5	7.081	46	62797	48.807	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.620%
24) Chloroform-d	7.648	84	193940	23.899	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	8.307	65	110424	23.768	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.080%
32) Benzene-d6	8.276	84	390362	24.967	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.880%
36) 1,2-Dichloropropane-d6	9.276	67	113325	24.087	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.360%
41) Toluene-d8	10.319	98	345744	24.970	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.880%
43) trans-1,3-Dichloroprop...	10.575	79	46379	24.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.000%
47) 2-Hexanone-d5	10.922	63	43317	53.381	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.760%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96114	24.362	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	106229	24.802	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	81166	21.506	ug/L	93
3) Chloromethane	2.229	50	104939	22.445	ug/L	97
5) Vinyl chloride	2.375	62	115708	21.982	ug/L	99
6) Bromomethane	2.789	94	65635	21.555	ug/L	99
8) Chloroethane	2.942	64	66979	22.311	ug/L	98
9) Trichlorofluoromethane	3.271	101	93620	21.663	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	82099	20.605	ug/L	96
12) 1,1-Dichloroethene	4.045	96	78200	21.879	ug/L	91
13) Acetone	4.125	43	44679	38.172	ug/L	98
14) Carbon disulfide	4.393	76	265982	22.019	ug/L	99
16) Methylene chloride	4.923	84	80923	20.148	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	80415	21.610	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	119972	21.847	ug/L	100
19) 1,1-Dichloroethane	6.222	63	156629	21.226	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	84543	21.709	ug/L	94
22) 2-Butanone	7.173	43	61637	41.027	ug/L	99
23) Bromochloromethane	7.514	128	35559	20.932	ug/L	95
25) Chloroform	7.679	83	152878	21.420	ug/L	97
27) 1,2-Dichloroethane	8.398	62	112200	21.626	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
 Data File : VW028567.D
 Acq On : 02 May 2024 12:58
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 03 03:05:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 03 02:58:56 2024
 Response via : Initial Calibration

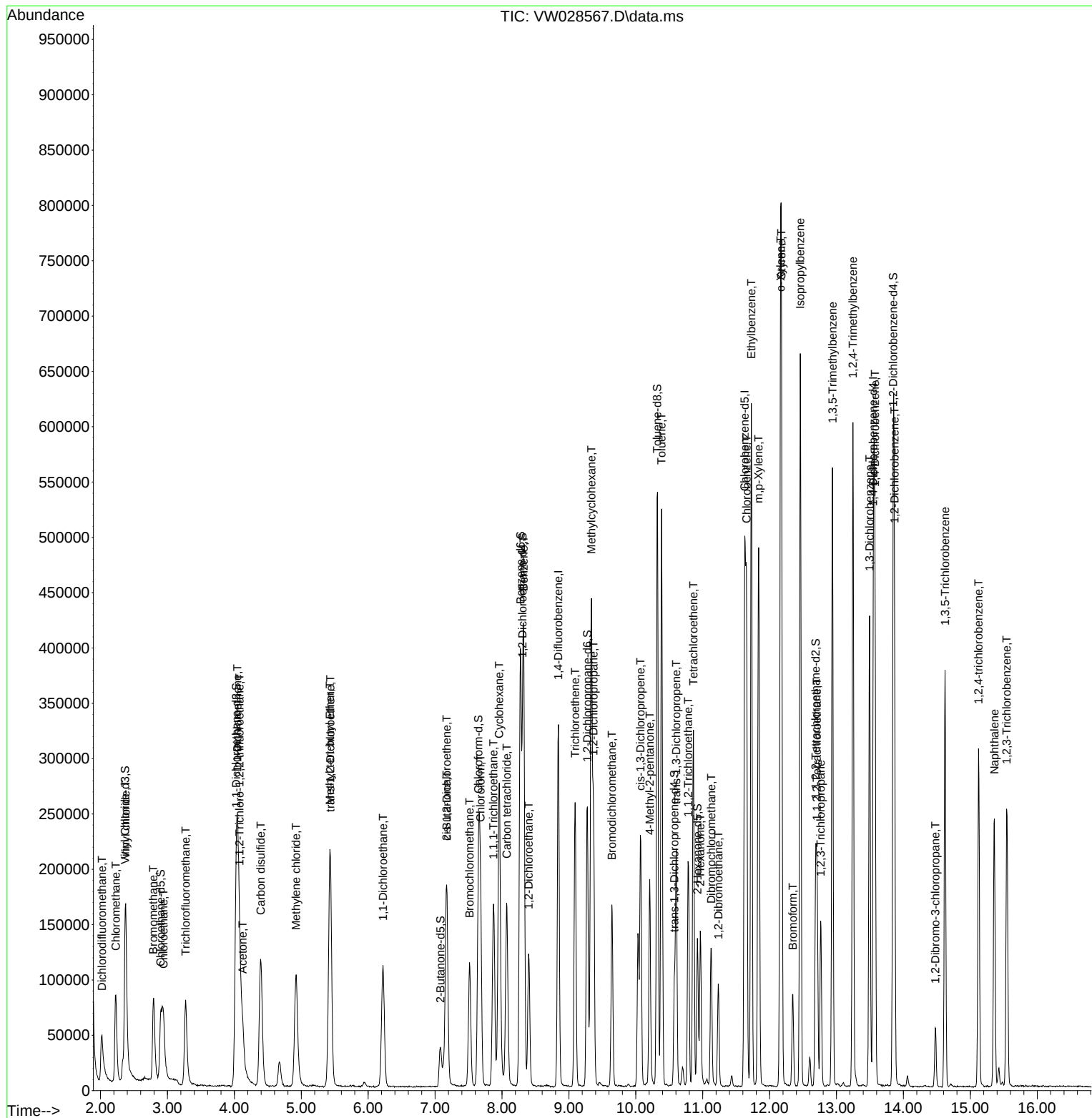
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	155500	23.272	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	131826	22.448	ug/L	99
31) Carbon tetrachloride	8.069	117	119679	22.352	ug/L	99
33) Benzene	8.325	78	336334	22.133	ug/L	100
34) Trichloroethene	9.093	95	88383	21.693	ug/L	95
35) Methylcyclohexane	9.337	83	162945	22.885	ug/L	99
37) 1,2-Dichloropropane	9.368	63	86630	21.877	ug/L	100
38) Bromodichloromethane	9.642	83	105086	21.771	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	128485	22.638	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	124115	46.053	ug/L	100
42) Toluene	10.386	91	356758	22.730	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	108478	22.669	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	62386	21.749	ug/L	99
46) Tetrachloroethene	10.861	164	66148	22.534	ug/L	92
48) 2-Hexanone	10.965	43	89263	46.915	ug/L	98
49) Dibromochloromethane	11.129	129	64505	22.419	ug/L	90
50) 1,2-Dibromoethane	11.233	107	59300	22.069	ug/L	100
51) Chlorobenzene	11.654	112	211656	21.800	ug/L	99
52) Ethylbenzene	11.727	91	402910	22.684	ug/L	97
53) m,p-Xylene	11.837	106	144219	22.150	ug/L	93
54) o-Xylene	12.166	106	134509	22.331	ug/L	98
55) Styrene	12.178	104	234122	22.939	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	79073	21.972	ug/L	98
59) Bromoform	12.349	173	36967	22.549	ug/L	95
60) Isopropylbenzene	12.459	105	390441	22.902	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	61012	22.466	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	286607	23.761	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	302972	23.311	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	154743	21.819	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	163183	22.505	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	139429	21.965	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	13726	21.617	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	108332	22.763	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	84491	21.972	ug/L	99
71) Naphthalene	15.360	128	195023	23.804	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	77304	22.278	ug/L	99

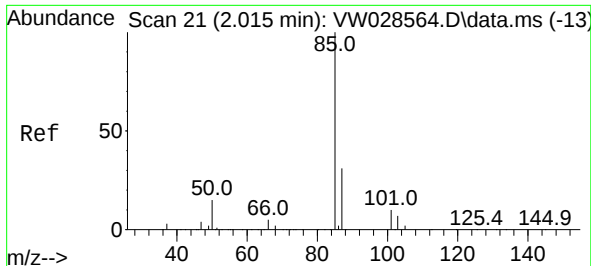
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
Data File : VW028567.D
Acq On : 02 May 2024 12:58
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: May 03 03:05:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 03 02:58:56 2024
Response via : Initial Calibration

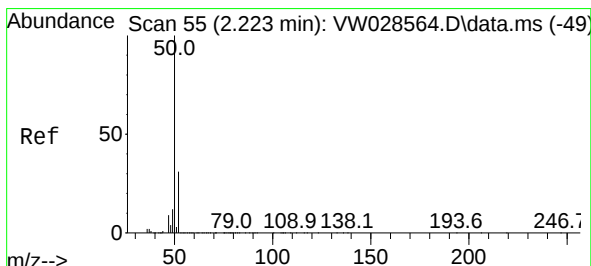
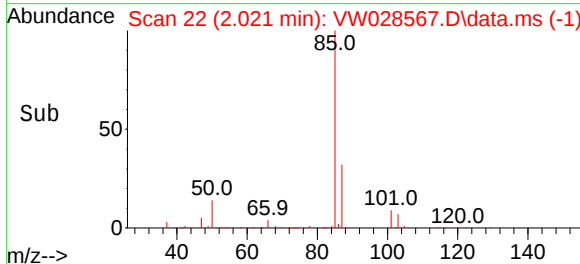
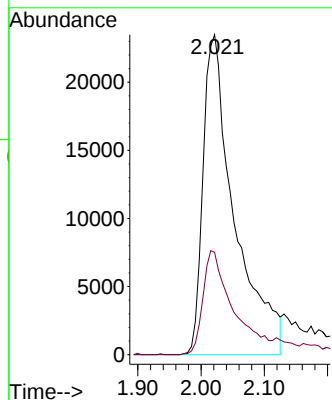
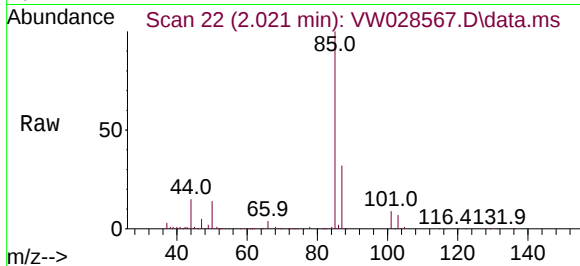




#2
Dichlorodifluoromethane
Concen: 21.506 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW028567.D
Acq: 02 May 2024 12:58

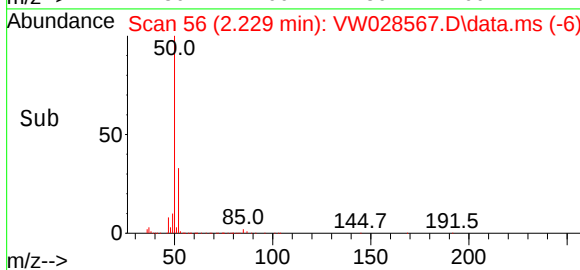
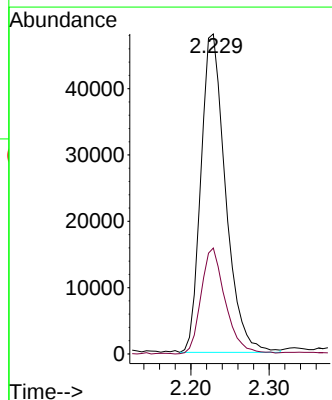
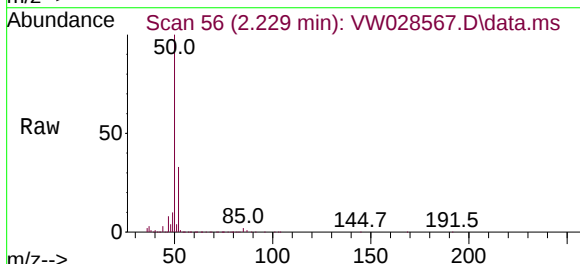
Instrument :
MSVOA_W
ClientSampleId :

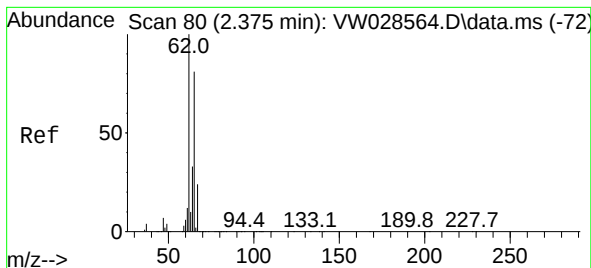
Tgt Ion: 85 Resp: 81166
Ion Ratio Lower Upper
85 100
87 31.0 21.9 32.9



#3
Chloromethane
Concen: 22.445 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW028567.D
Acq: 02 May 2024 12:58

Tgt Ion: 50 Resp: 104939
Ion Ratio Lower Upper
50 100
52 33.1 22.0 41.0





#5

Vinyl chloride

Concen: 21.982 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Instrument :

MSVOA_W

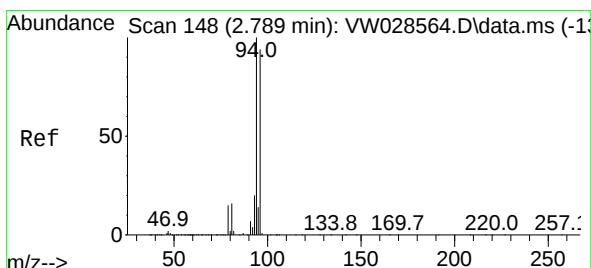
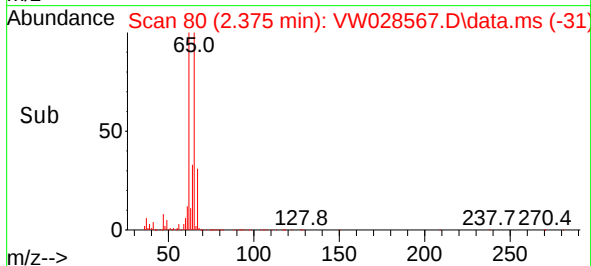
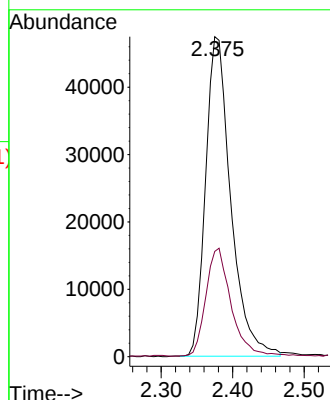
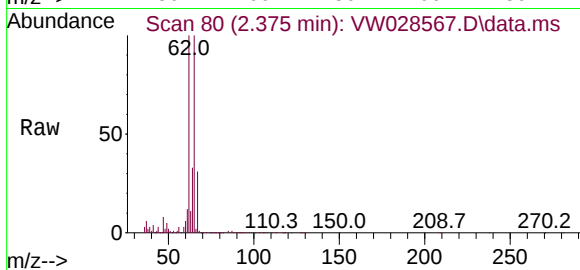
ClientSampleId :

Tgt Ion: 62 Resp: 115708

Ion Ratio Lower Upper

62 100

64 32.9 23.3 43.3



#6

Bromomethane

Concen: 21.555 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW028567.D

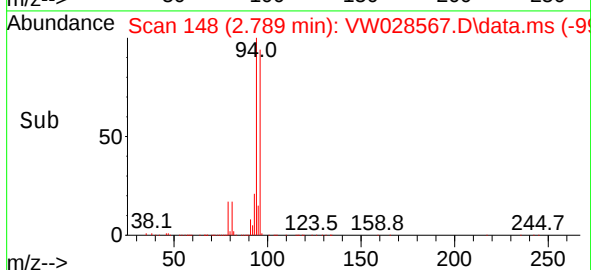
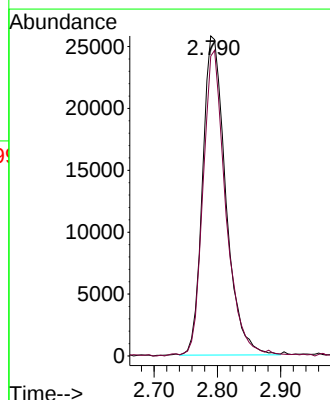
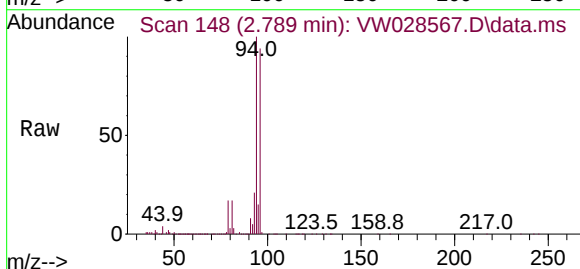
Acq: 02 May 2024 12:58

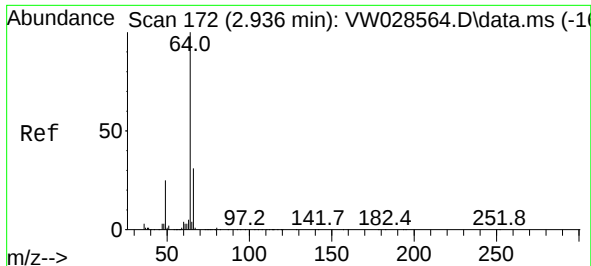
Tgt Ion: 94 Resp: 65635

Ion Ratio Lower Upper

94 100

96 93.7 66.3 123.1

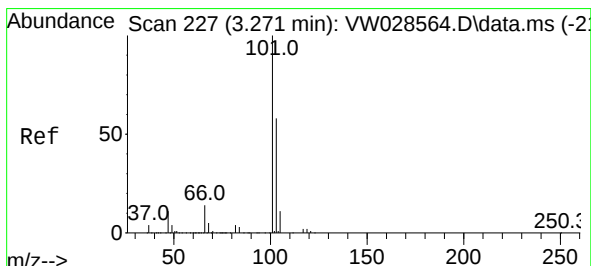
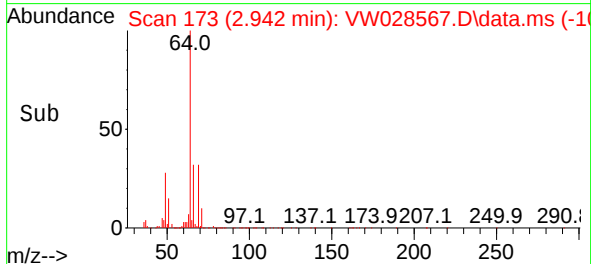
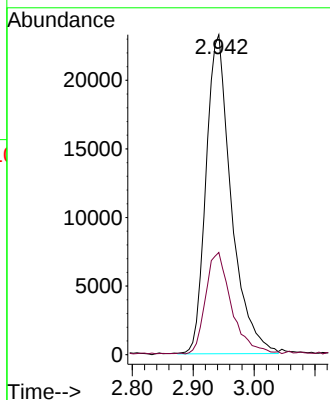
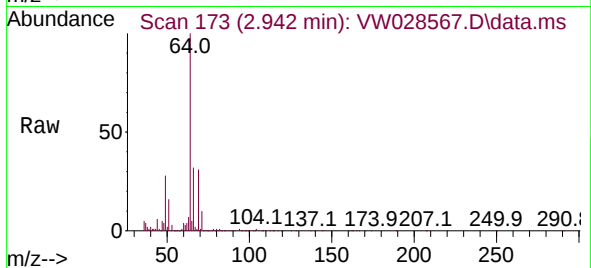




#8
Chloroethane
Concen: 22.311 ug/L
RT: 2.942 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW028567.D
Acq: 02 May 2024 12:58

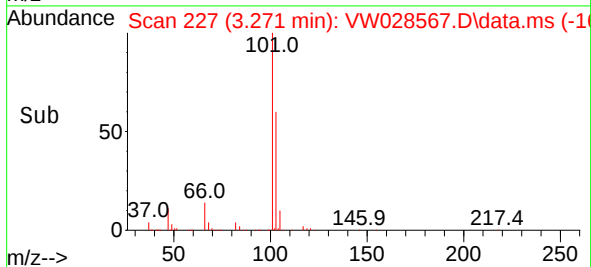
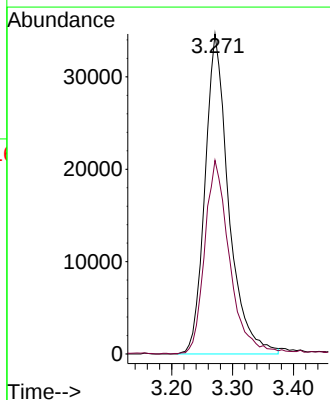
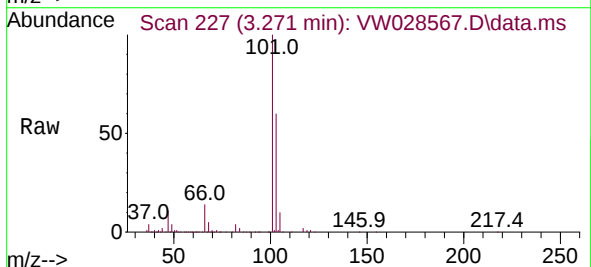
Instrument :
MSVOA_W
ClientSampleId :

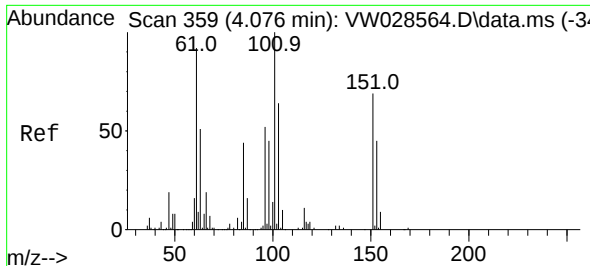
Tgt Ion: 64 Resp: 66979
Ion Ratio Lower Upper
64 100
66 32.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.663 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028567.D
Acq: 02 May 2024 12:58

Tgt Ion: 101 Resp: 93620
Ion Ratio Lower Upper
101 100
103 63.8 50.4 75.6





#10

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

Concen: 20.605 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW028567.D

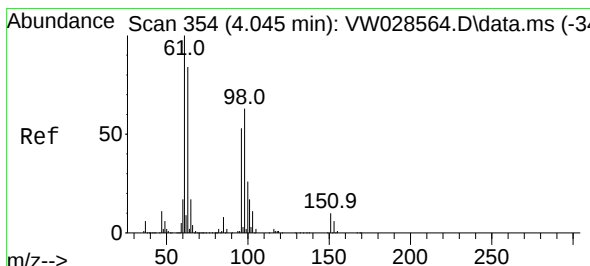
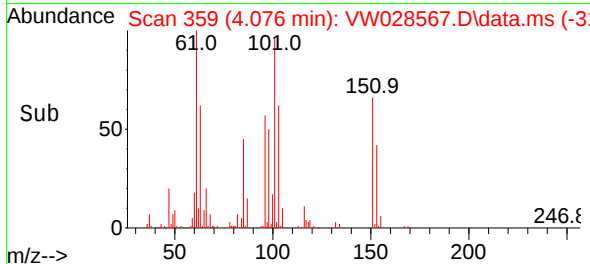
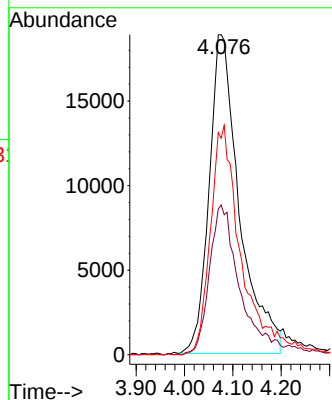
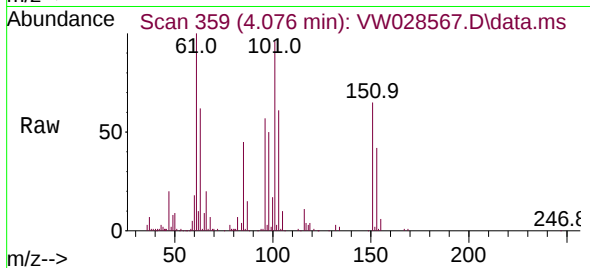
Acq: 02 May 2024 12:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	101	Resp:	82099
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.8	53.8
151	66.6	49.6	74.4



#12

1,1-Dichloroethene

Concen: 21.879 ug/L

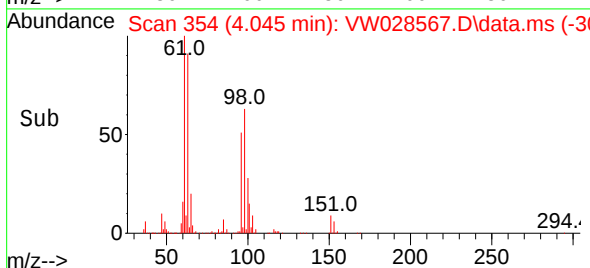
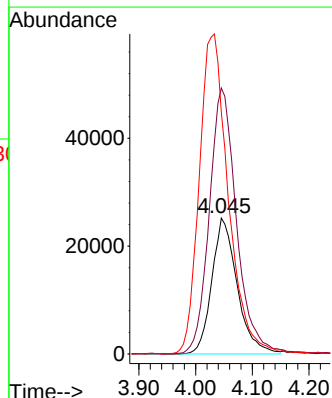
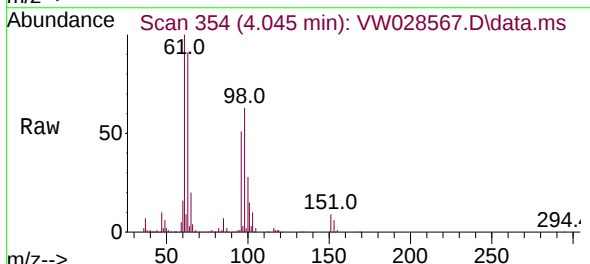
RT: 4.045 min Scan# 354

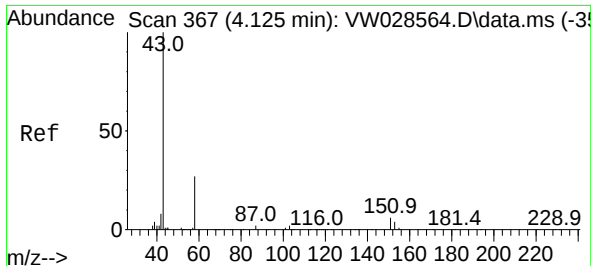
Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Tgt Ion:	96	Resp:	78200
Ion Ratio	Lower	Upper	
96	100		
61	195.7	131.6	244.4
63	177.8	111.4	206.8

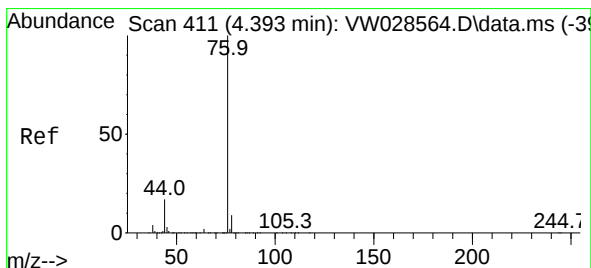
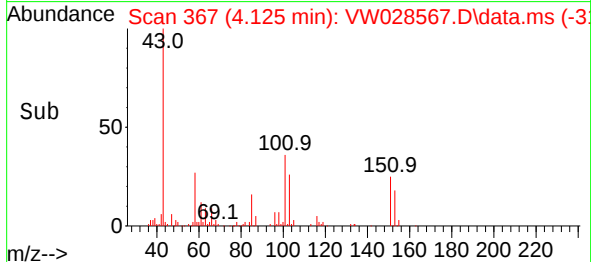
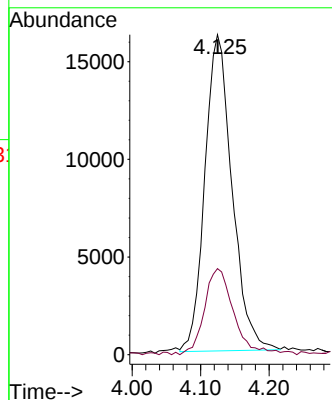
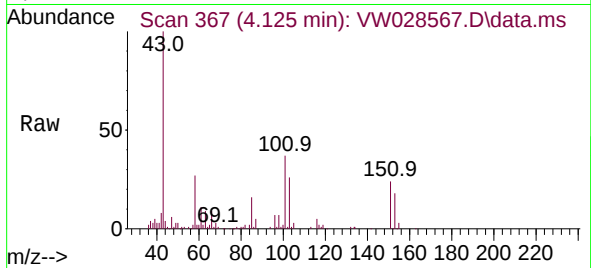




#13
Acetone
Concen: 38.172 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW028567.D
Acq: 02 May 2024 12:58

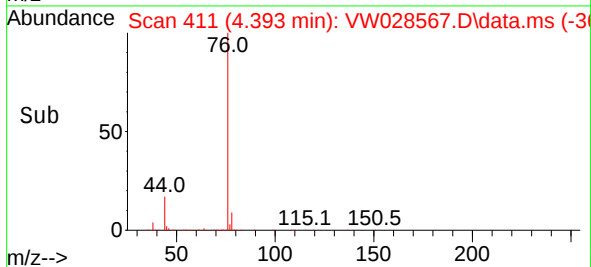
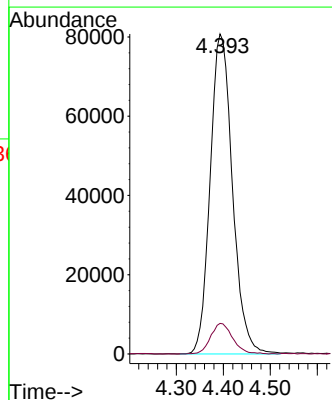
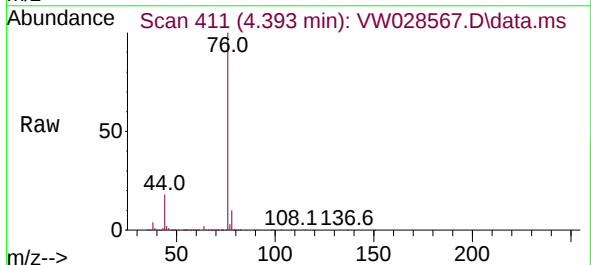
Instrument :
MSVOA_W
ClientSampleId :

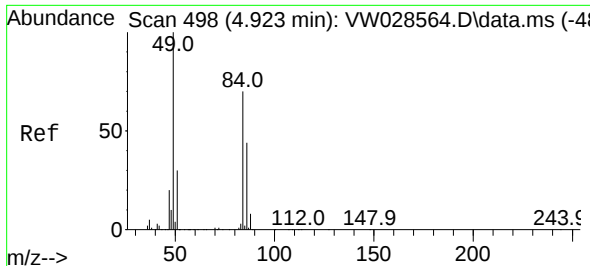
Tgt Ion: 43 Resp: 44679
Ion Ratio Lower Upper
43 100
58 28.2 0.0 54.4



#14
Carbon disulfide
Concen: 22.019 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028567.D
Acq: 02 May 2024 12:58

Tgt Ion: 76 Resp: 265982
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

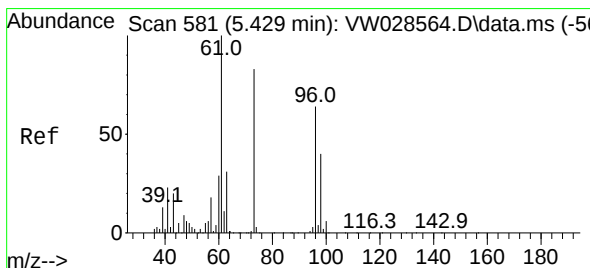
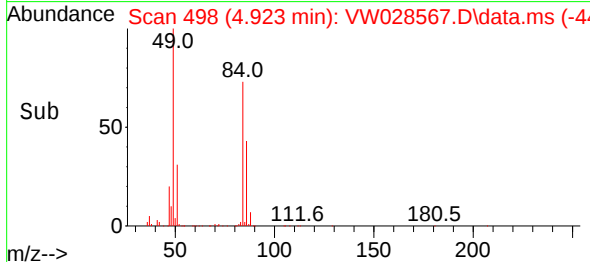
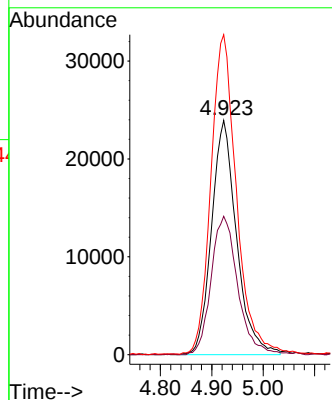
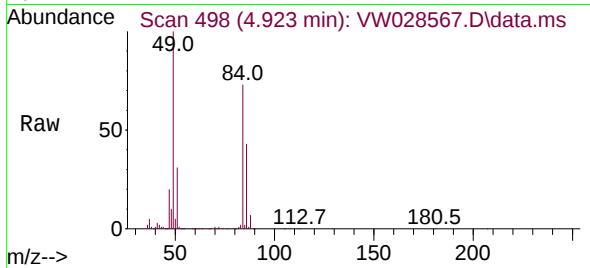




#16
Methylene chloride
Concen: 20.148 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW028567.D
Acq: 02 May 2024 12:58

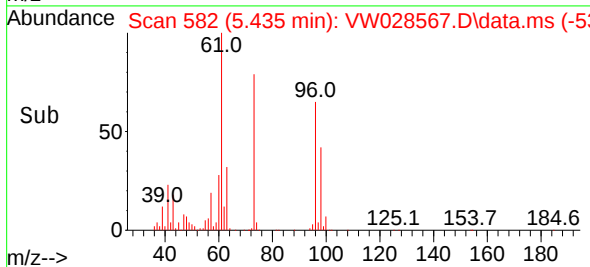
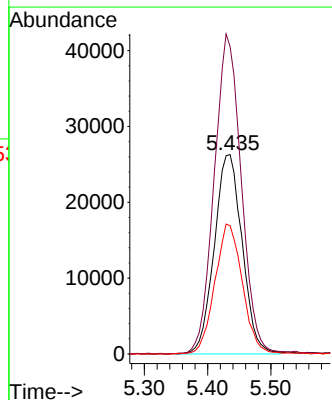
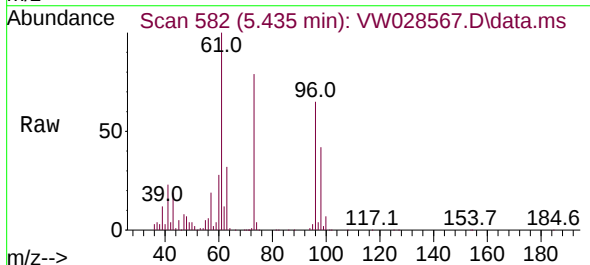
Instrument :
MSVOA_W
ClientSampleId :

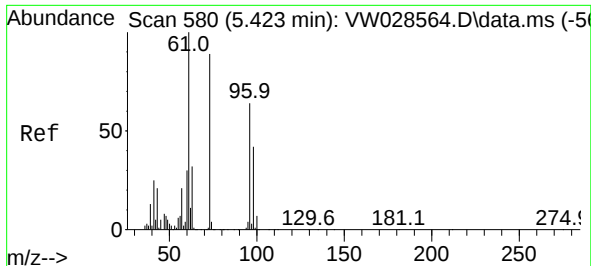
Tgt Ion: 84 Resp: 80923
Ion Ratio Lower Upper
84 100
86 59.1 44.4 82.4
49 136.6 100.2 186.2



#17
trans-1,2-Dichloroethene
Concen: 21.610 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW028567.D
Acq: 02 May 2024 12:58

Tgt Ion: 96 Resp: 80415
Ion Ratio Lower Upper
96 100
61 154.1 109.0 202.4
98 64.3 44.2 82.0





#18

Methyl tert-butyl Ether

Concen: 21.847 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

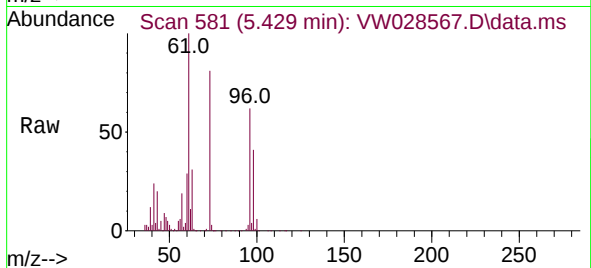
Lab File: VW028567.D

Acq: 02 May 2024 12:58

Instrument :

MSVOA_W

ClientSampleId :



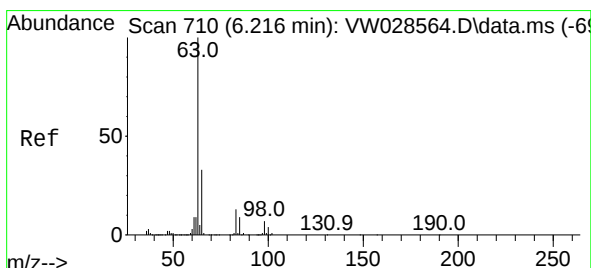
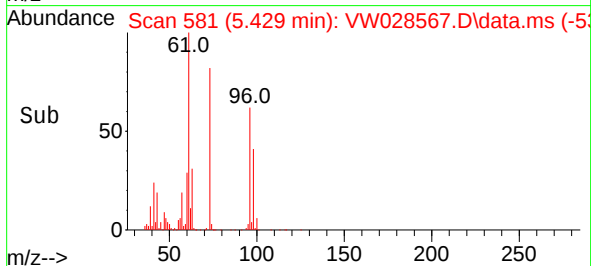
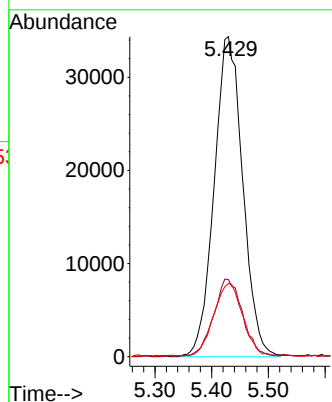
Tgt Ion: 73 Resp: 119972

Ion Ratio Lower Upper

73 100

43 23.8 19.2 28.8

57 23.3 18.5 27.7



#19

1,1-Dichloroethane

Concen: 21.226 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

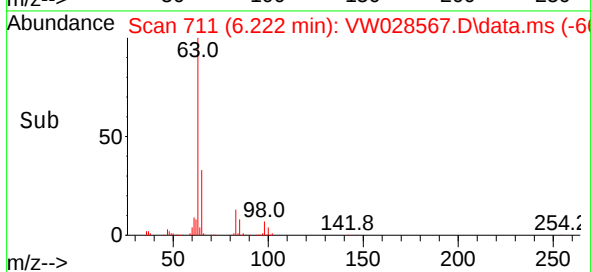
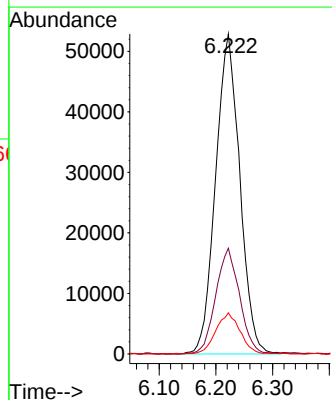
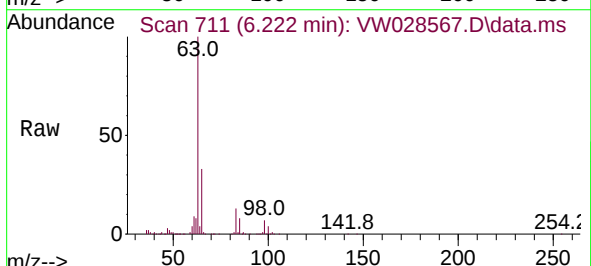
Tgt Ion: 63 Resp: 156629

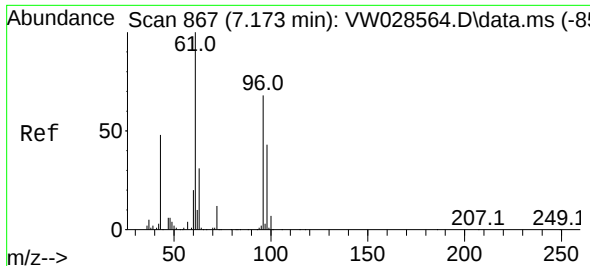
Ion Ratio Lower Upper

63 100

65 33.1 22.9 42.5

83 12.9 9.0 16.8

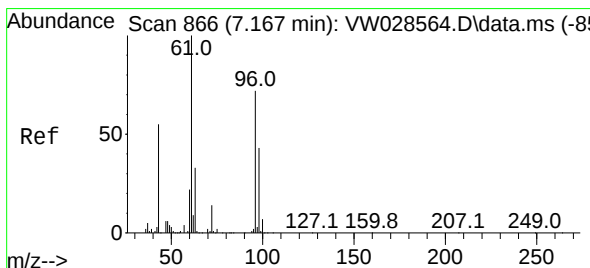
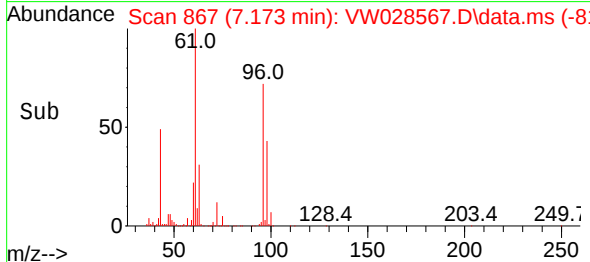
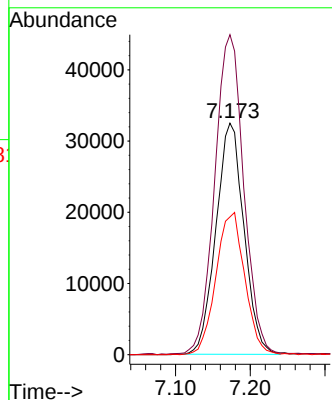
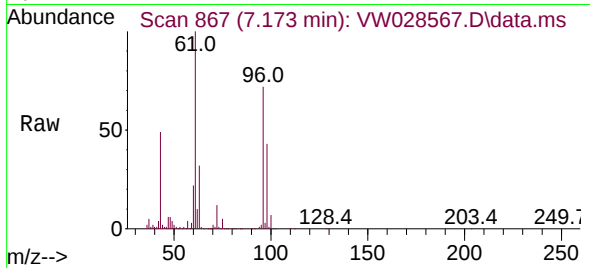




#20
cis-1,2-Dichloroethene
Concen: 21.709 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028567.D
Acq: 02 May 2024 12:58

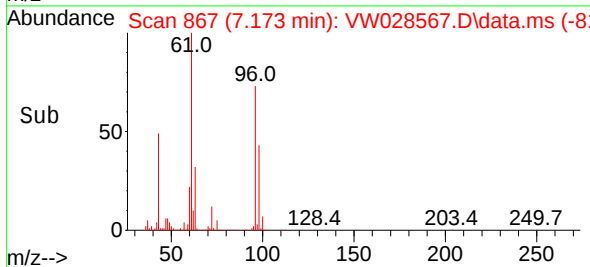
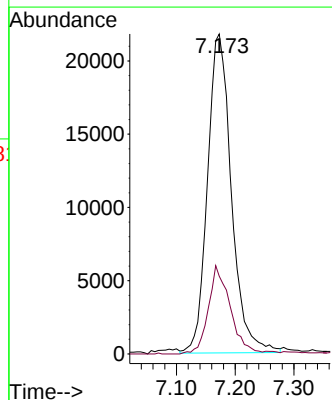
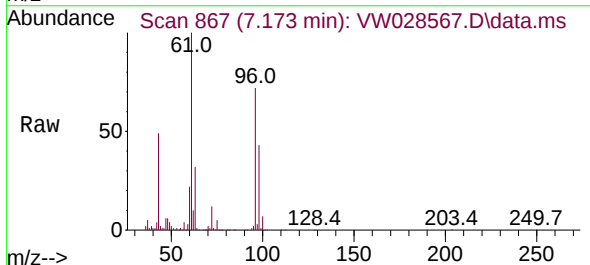
Instrument :
MSVOA_W
ClientSampleId :

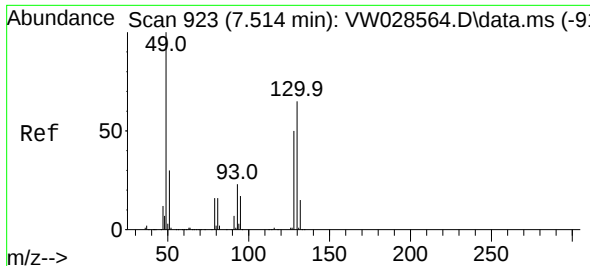
Tgt Ion: 96 Resp: 84543
Ion Ratio Lower Upper
96 100
61 138.2 102.8 191.0
98 59.5 44.3 82.3



#22
2-Butanone
Concen: 41.027 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW028567.D
Acq: 02 May 2024 12:58

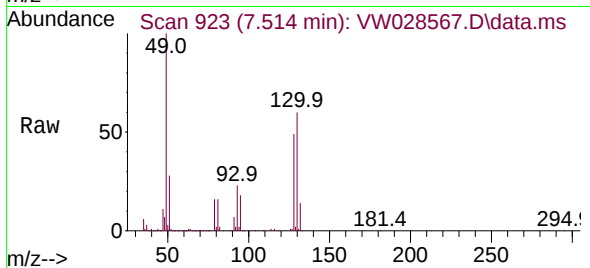
Tgt Ion: 43 Resp: 61637
Ion Ratio Lower Upper
43 100
72 24.7 12.2 36.6



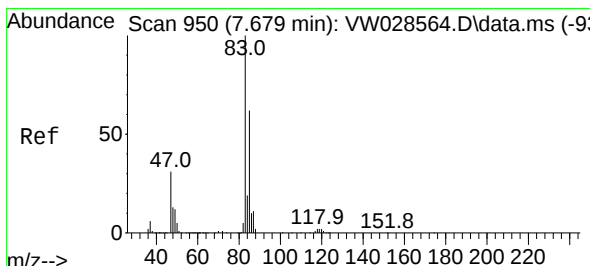
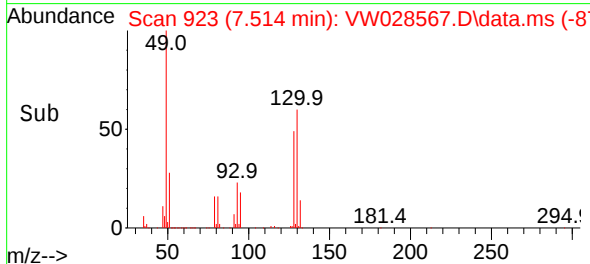
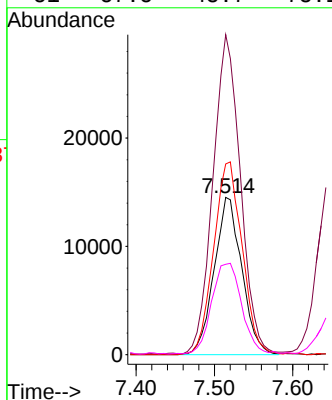


#23
Bromochloromethane
Concen: 20.932 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW028567.D
Acq: 02 May 2024 12:58

Instrument :
MSVOA_W
ClientSampleId :

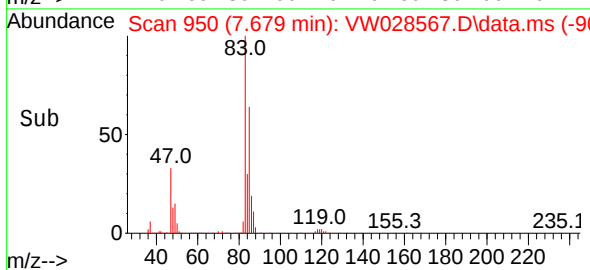
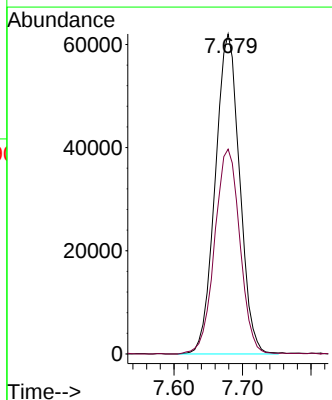
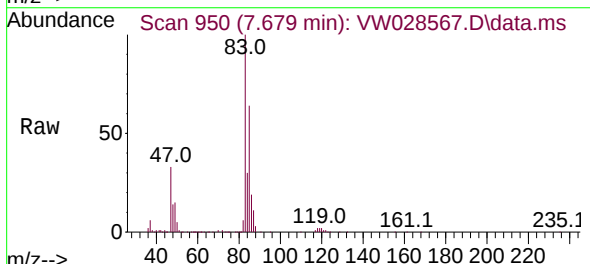


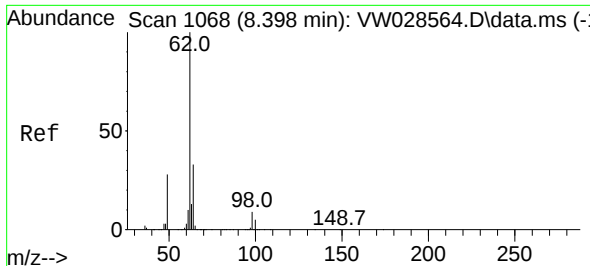
Tgt Ion:	128	Resp:	35559
Ion	Ratio	Lower	Upper
128	100		
49	203.5	139.6	259.2
130	121.3	91.2	169.4
51	57.5	48.7	73.1



#25
Chloroform
Concen: 21.420 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW028567.D
Acq: 02 May 2024 12:58

Tgt Ion:	83	Resp:	152878
Ion	Ratio	Lower	Upper
83	100		
85	64.0	43.4	80.6





#27

1,2-Dichloroethane

Concen: 21.626 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Instrument :

MSVOA_W

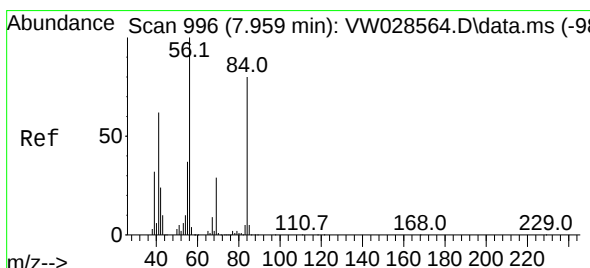
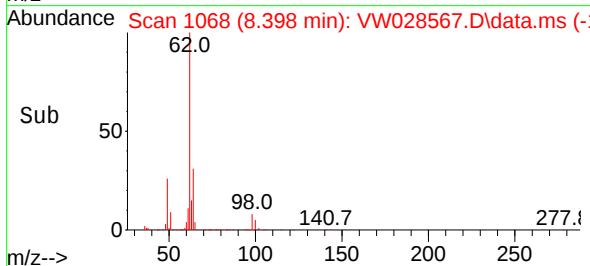
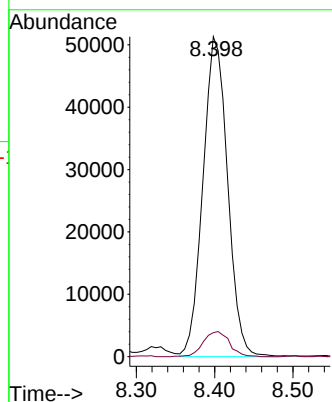
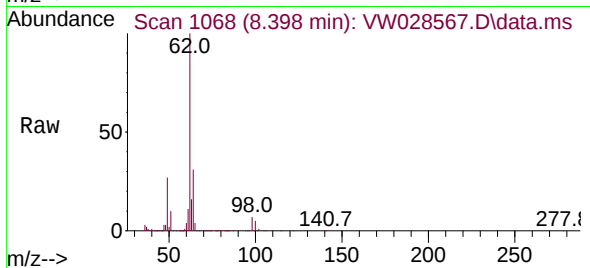
ClientSampleId :

Tgt Ion: 62 Resp: 112200

Ion Ratio Lower Upper

62 100

98 7.5 7.0 10.6



#29

Cyclohexane

Concen: 23.272 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

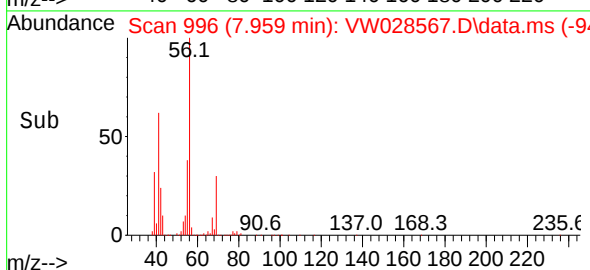
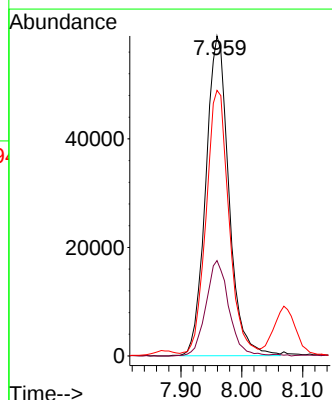
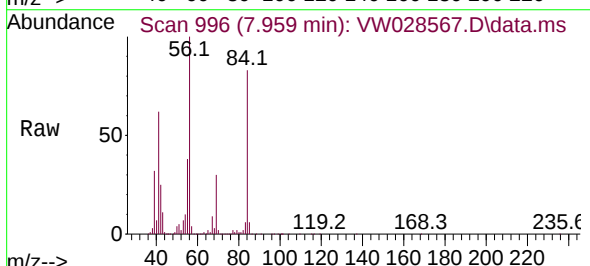
Tgt Ion: 56 Resp: 155500

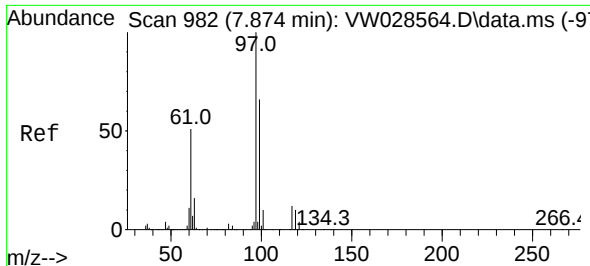
Ion Ratio Lower Upper

56 100

69 29.5 23.4 35.0

84 82.3 65.8 98.8





#30

1,1,1-Trichloroethane

Concen: 22.448 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

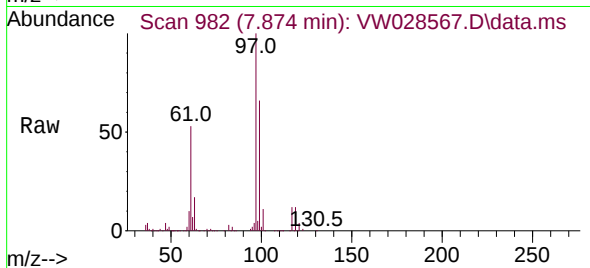
Lab File: VW028567.D

Acq: 02 May 2024 12:58

Instrument :

MSVOA_W

ClientSampleId :



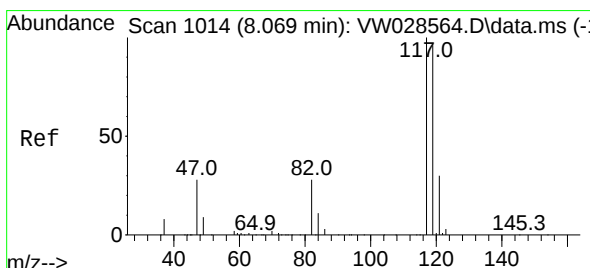
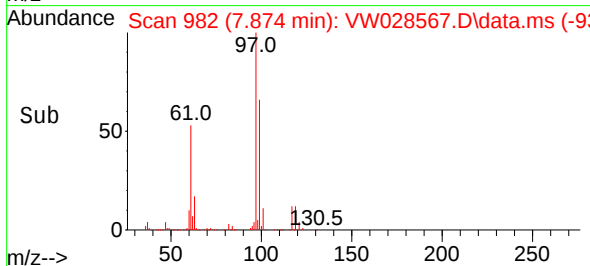
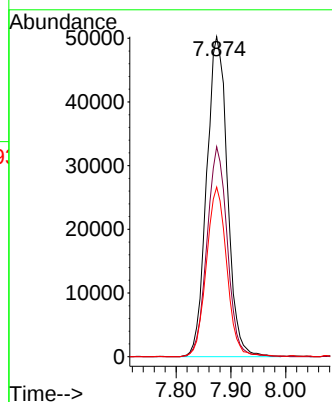
Tgt Ion: 97 Resp: 131826

Ion Ratio Lower Upper

97 100

99 64.1 50.9 76.3

61 52.2 41.0 61.6



#31

Carbon tetrachloride

Concen: 22.352 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028567.D

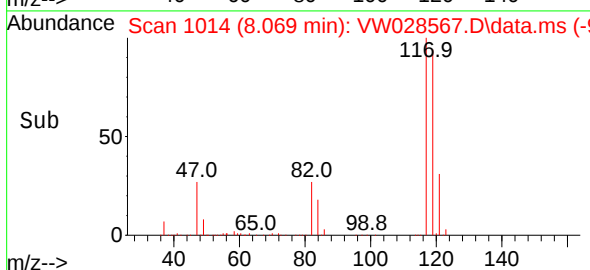
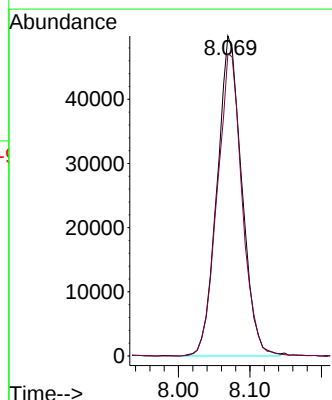
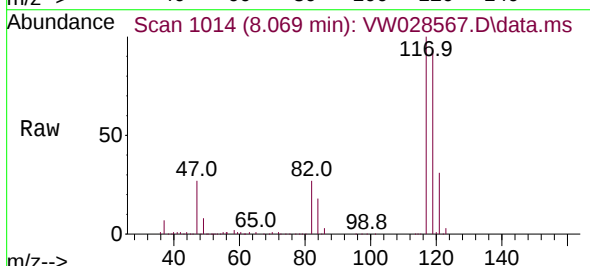
Acq: 02 May 2024 12:58

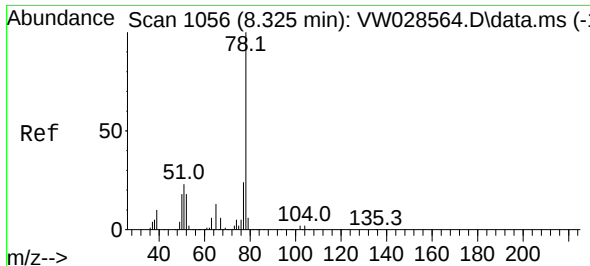
Tgt Ion: 117 Resp: 119679

Ion Ratio Lower Upper

117 100

119 95.1 77.2 115.8

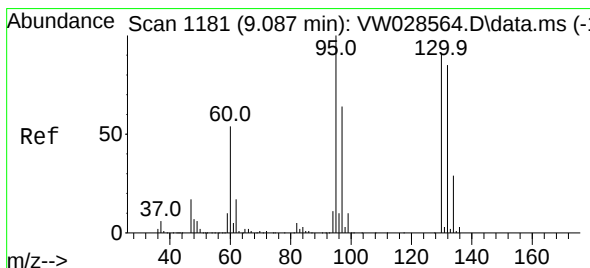
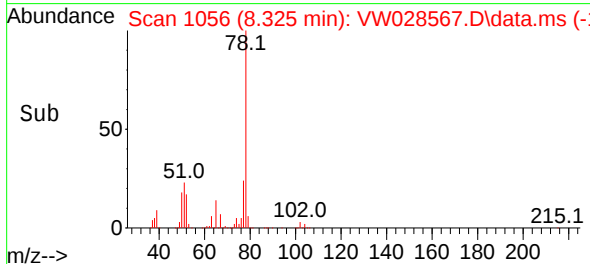
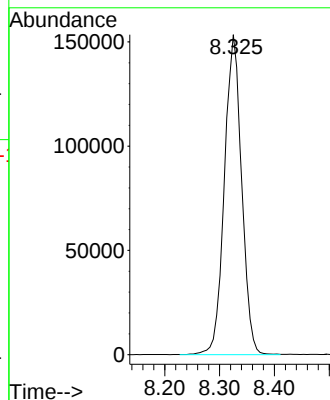
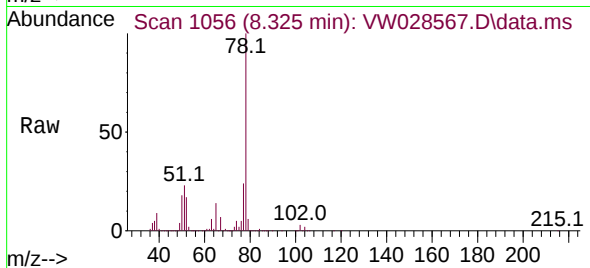




#33
Benzene
Concen: 22.133 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028567.D
Acq: 02 May 2024 12:58

Instrument :
MSVOA_W
ClientSampleId :

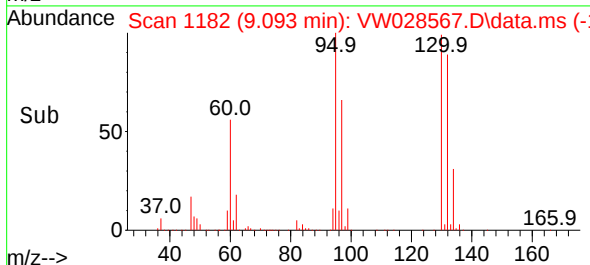
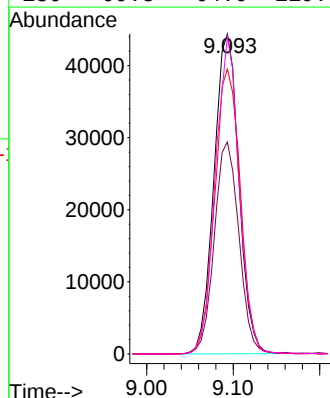
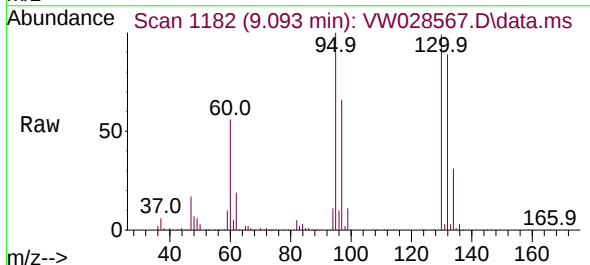
Tgt Ion: 78 Resp: 336334

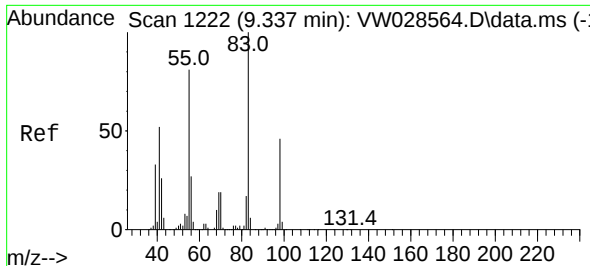


#34
Trichloroethene
Concen: 21.693 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW028567.D
Acq: 02 May 2024 12:58

Tgt Ion: 95 Resp: 88383

Ion	Ratio	Lower	Upper
95	100		
97	66.2	44.9	83.3
132	89.0	59.7	110.9
130	99.3	64.0	119.0





#35

Methylcyclohexane

Concen: 22.885 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Instrument :

MSVOA_W

ClientSampleId :

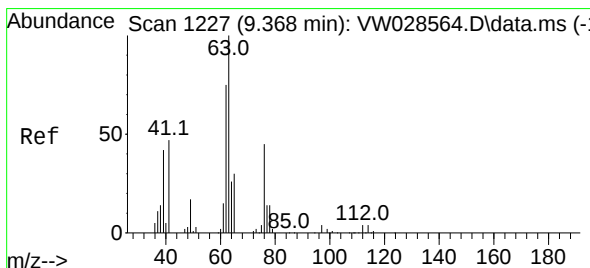
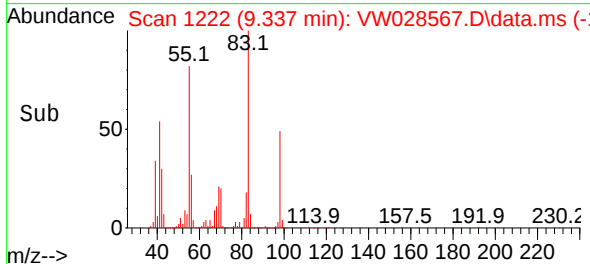
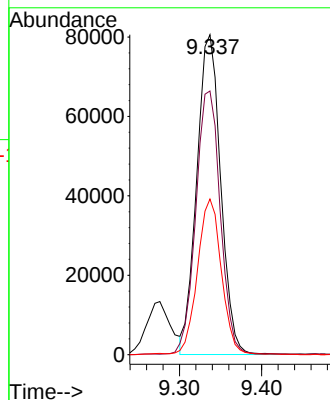
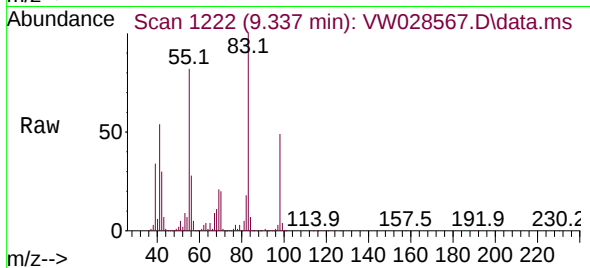
Tgt Ion: 83 Resp: 162945

Ion Ratio Lower Upper

83 100

55 84.4 66.9 100.3

98 48.6 37.9 56.9



#37

1,2-Dichloropropane

Concen: 21.877 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028567.D

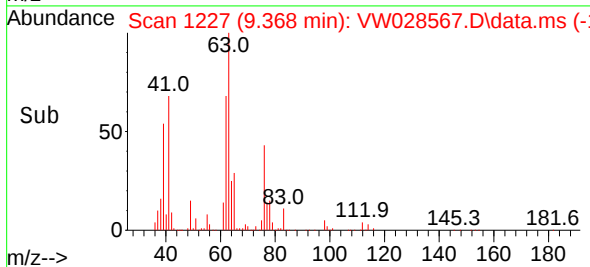
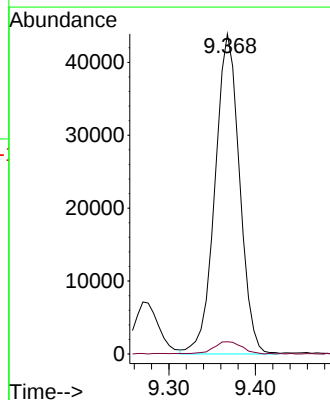
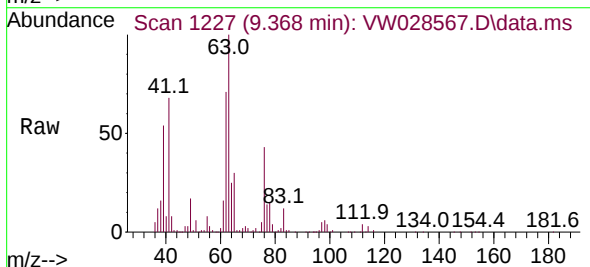
Acq: 02 May 2024 12:58

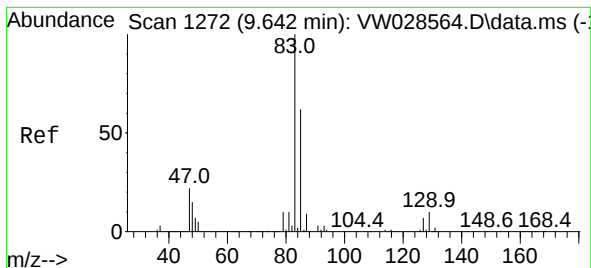
Tgt Ion: 63 Resp: 86630

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3





#38

Bromodichloromethane

Concen: 21.771 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Instrument :

MSVOA_W

ClientSampleId :

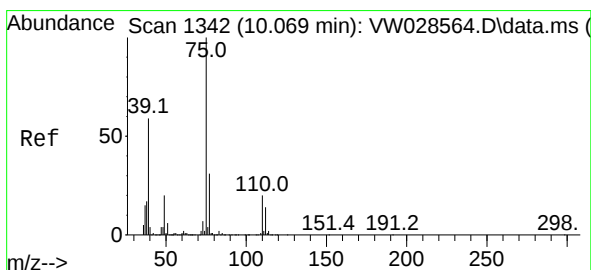
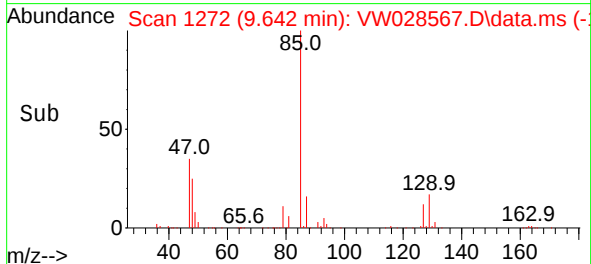
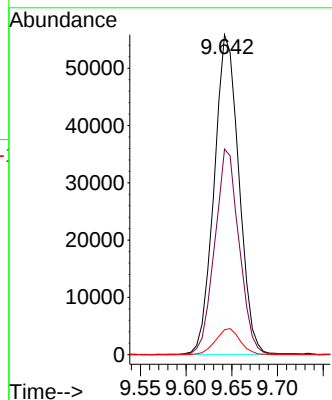
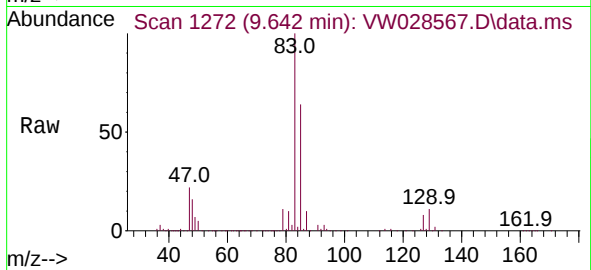
Tgt Ion: 83 Resp: 105086

Ion Ratio Lower Upper

83 100

85 64.3 43.0 80.0

127 7.8 5.9 8.9



#39

cis-1,3-Dichloropropene

Concen: 22.638 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW028567.D

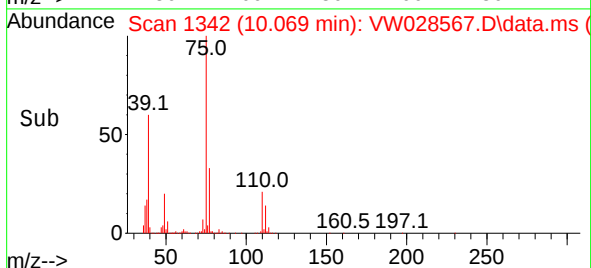
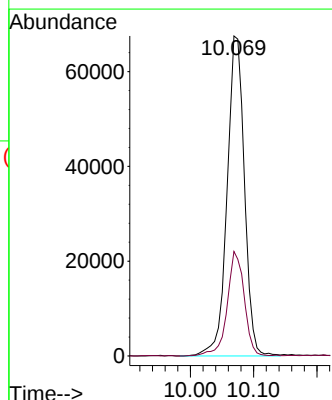
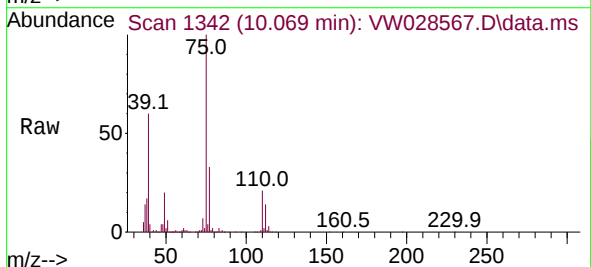
Acq: 02 May 2024 12:58

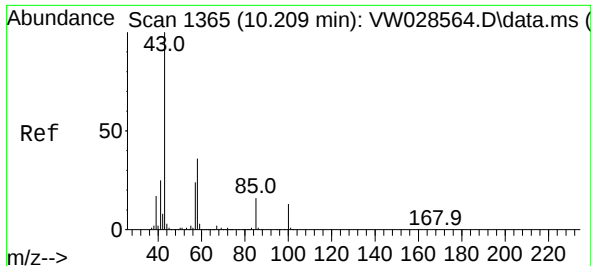
Tgt Ion: 75 Resp: 128485

Ion Ratio Lower Upper

75 100

77 32.7 21.8 40.6





#40

4-Methyl-2-pentanone

Concen: 46.053 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Instrument :

MSVOA_W

ClientSampleId :

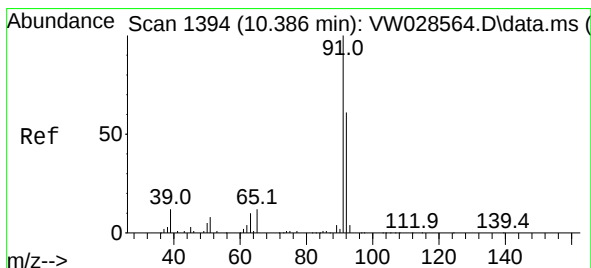
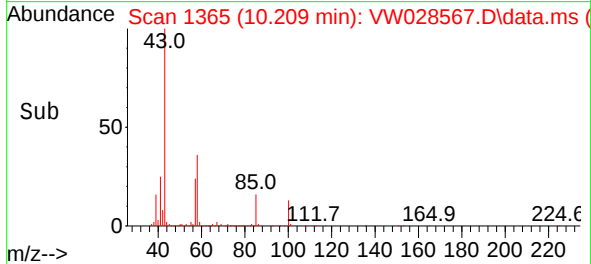
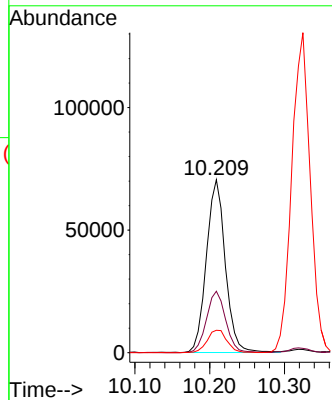
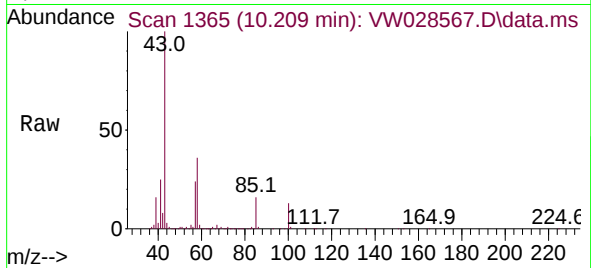
Tgt Ion: 43 Resp: 124115

Ion Ratio Lower Upper

43 100

58 36.2 29.2 43.8

100 13.8 11.0 16.4



#42

Toluene

Concen: 22.730 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028567.D

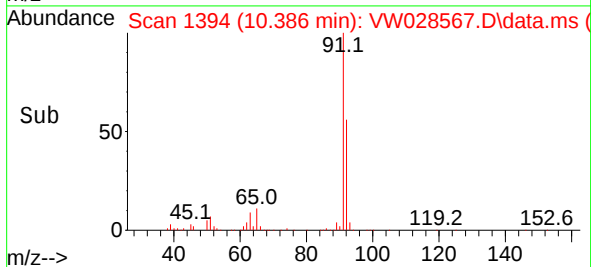
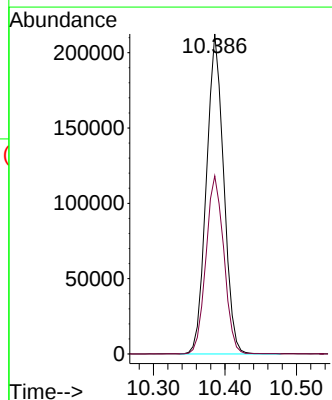
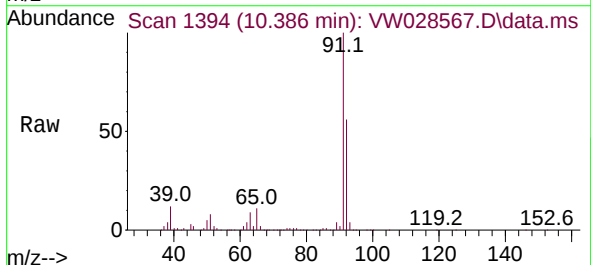
Acq: 02 May 2024 12:58

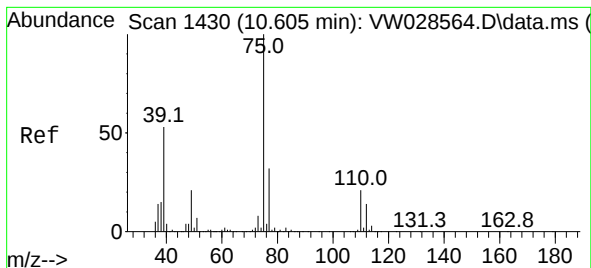
Tgt Ion: 91 Resp: 356758

Ion Ratio Lower Upper

91 100

92 55.7 42.5 78.9





#44

trans-1,3-Dichloropropene

Concen: 22.669 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Instrument :

MSVOA_W

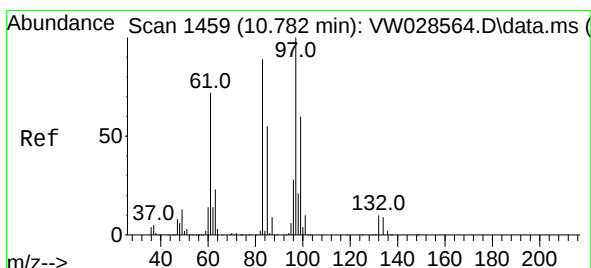
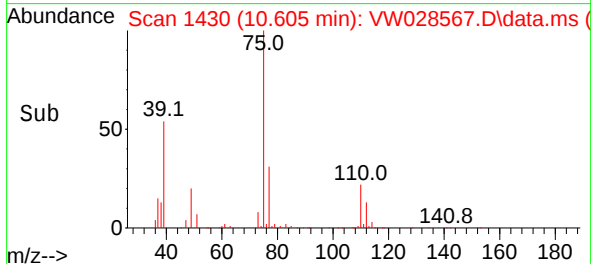
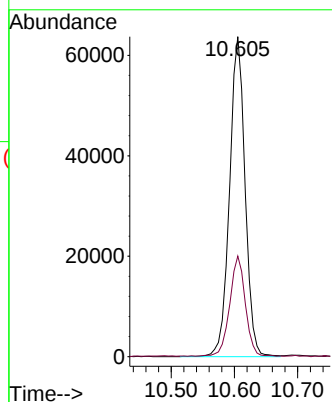
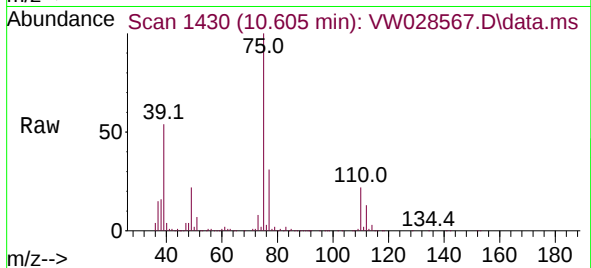
ClientSampleId :

Tgt Ion: 75 Resp: 108478

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.9



#45

1,1,2-Trichloroethane

Concen: 21.749 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Tgt Ion: 97 Resp: 62386

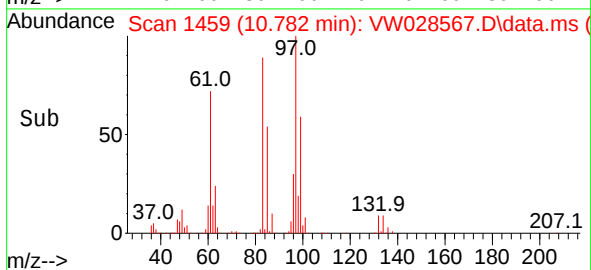
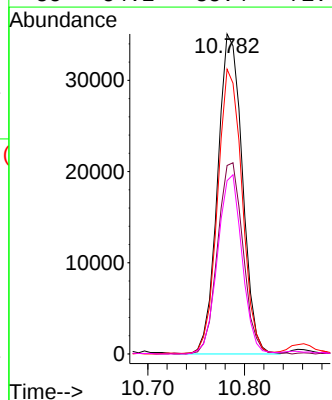
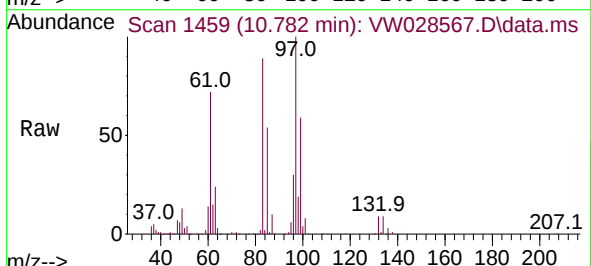
Ion Ratio Lower Upper

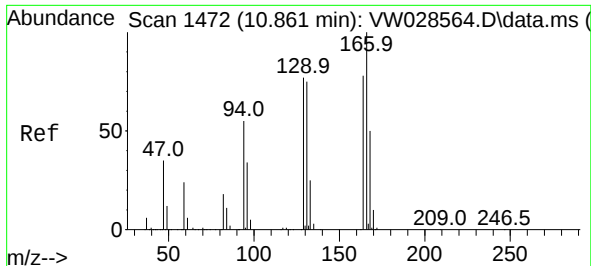
97 100

99 58.9 41.9 77.9

83 89.0 62.1 115.3

85 54.2 38.4 71.4





#46

Tetrachloroethene

Concen: 22.534 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:164 Resp: 66148

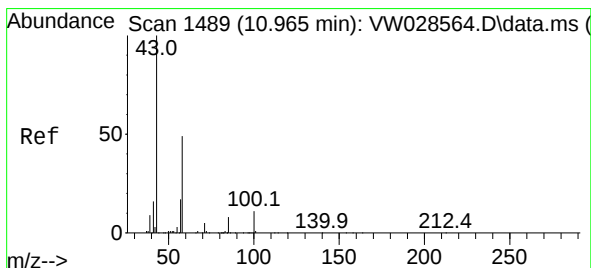
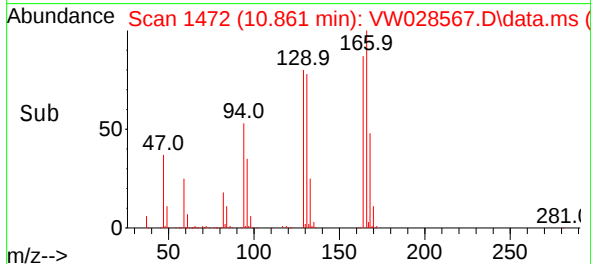
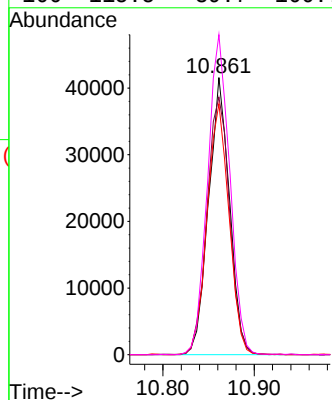
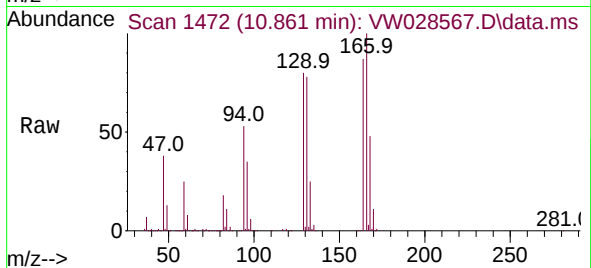
Ion Ratio Lower Upper

164 100

129 92.9 69.2 128.6

131 90.5 67.7 125.7

166 115.5 89.7 166.7



#48

2-Hexanone

Concen: 46.915 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Tgt Ion: 43 Resp: 89263

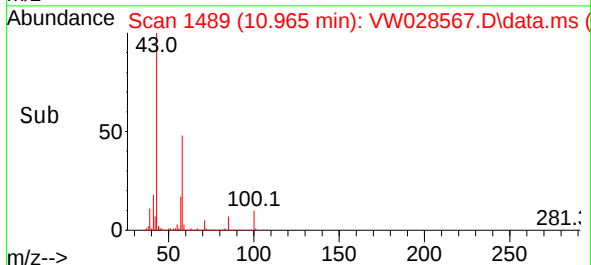
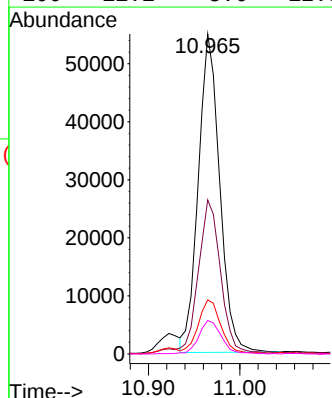
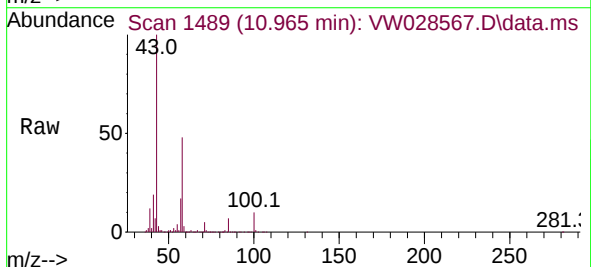
Ion Ratio Lower Upper

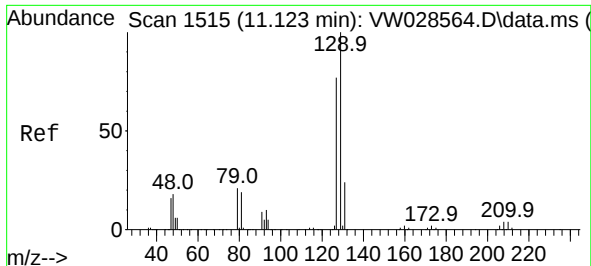
43 100

58 49.8 41.0 61.4

57 18.3 14.8 22.2

100 11.1 8.6 12.8





#49

Dibromochloromethane

Concen: 22.419 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Instrument :

MSVOA_W

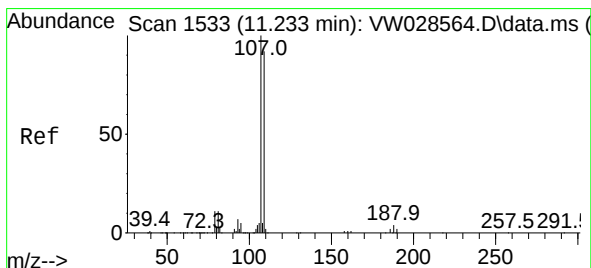
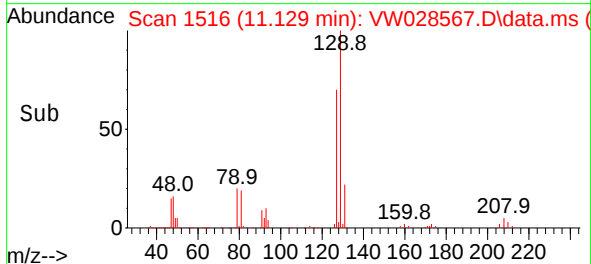
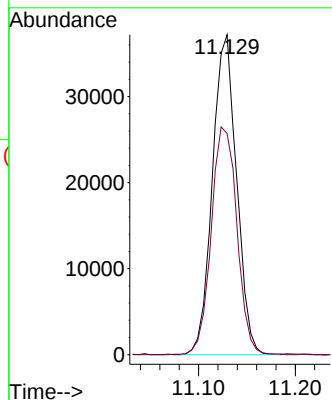
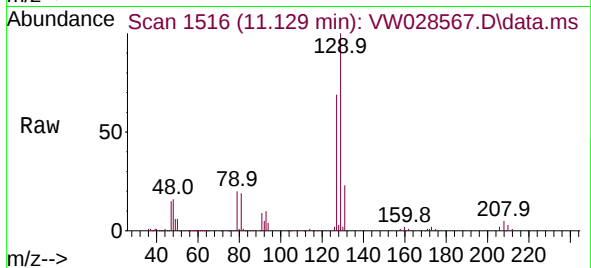
ClientSampleId :

Tgt Ion:129 Resp: 64505

Ion Ratio Lower Upper

129 100

127 69.1 54.3 100.8



#50

1,2-Dibromoethane

Concen: 22.069 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

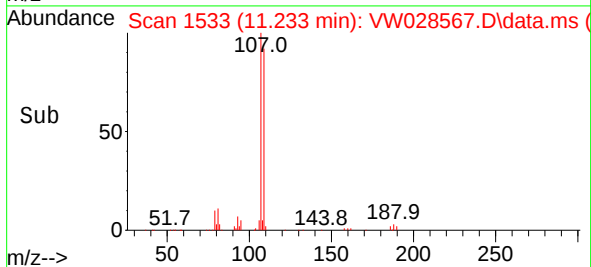
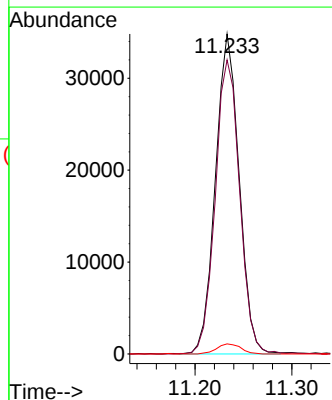
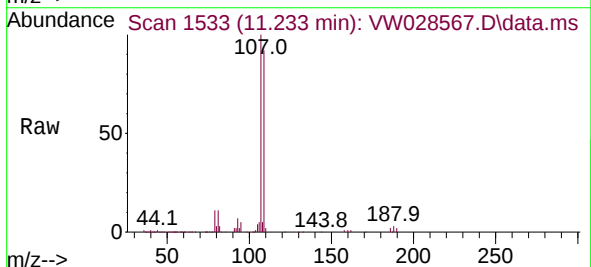
Tgt Ion:107 Resp: 59300

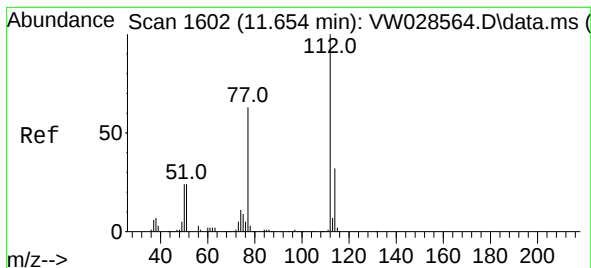
Ion Ratio Lower Upper

107 100

109 91.9 64.2 119.2

188 3.1 3.1 4.7





#51

Chlorobenzene

Concen: 21.800 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Instrument :

MSVOA_W

ClientSampleId :

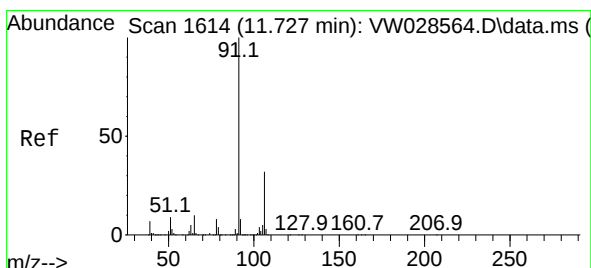
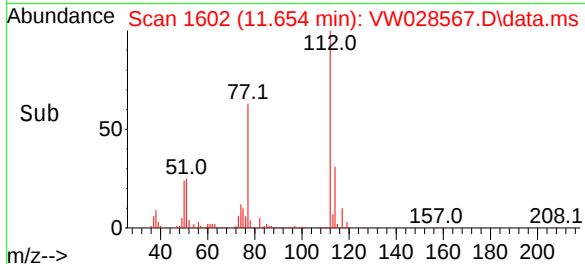
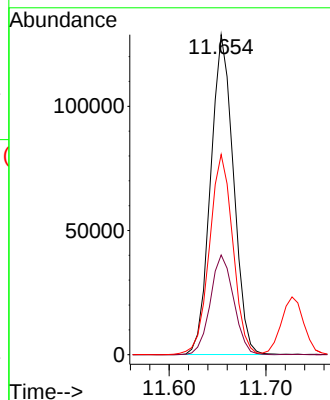
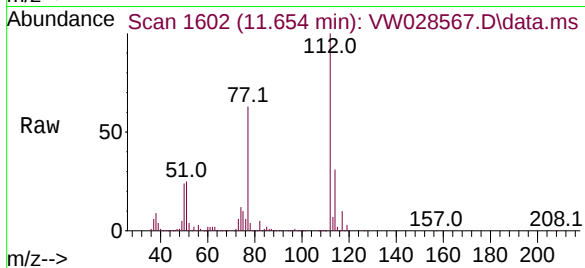
Tgt Ion:112 Resp: 211656

Ion Ratio Lower Upper

112 100

114 31.2 22.2 41.2

77 62.5 50.8 76.2



#52

Ethylbenzene

Concen: 22.684 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW028567.D

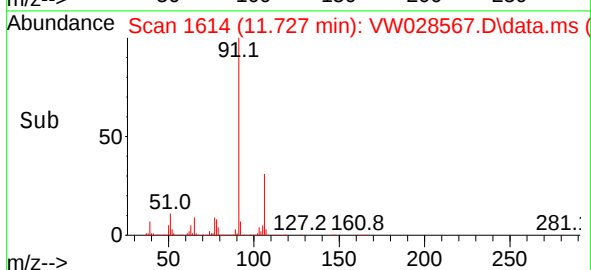
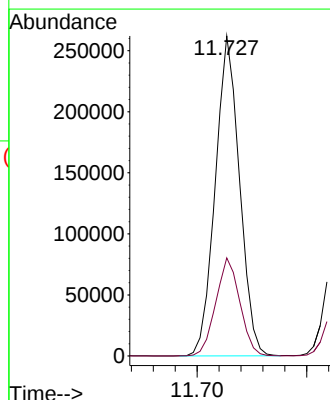
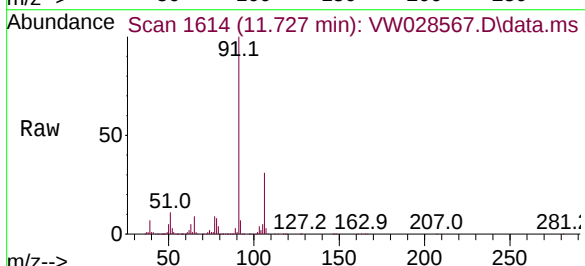
Acq: 02 May 2024 12:58

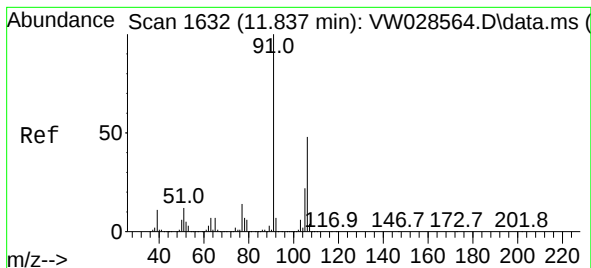
Tgt Ion: 91 Resp: 402910

Ion Ratio Lower Upper

91 100

106 30.6 22.7 42.1





#53

m,p-Xylene

Concen: 22.150 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Instrument :

MSVOA_W

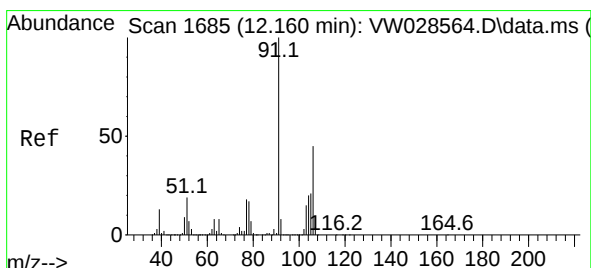
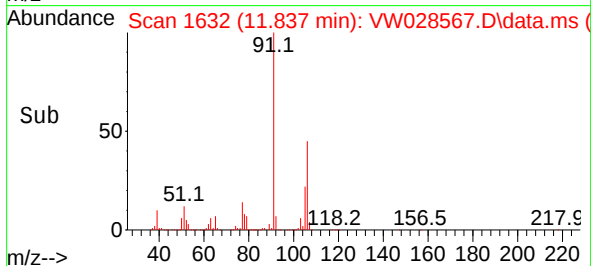
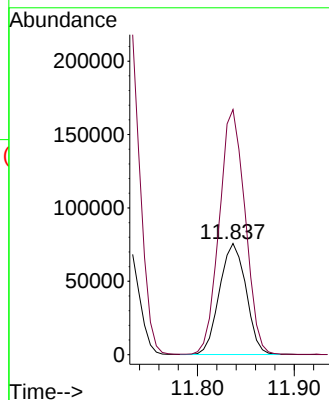
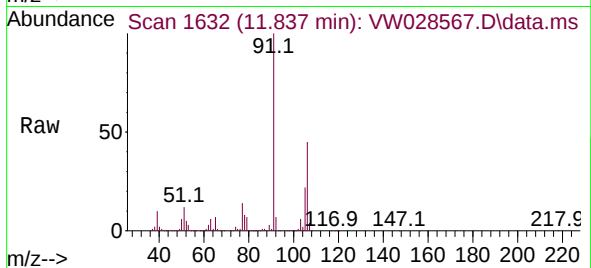
ClientSampleId :

Tgt Ion:106 Resp: 144219

Ion Ratio Lower Upper

106 100

91 220.3 146.6 272.2



#54

o-Xylene

Concen: 22.331 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW028567.D

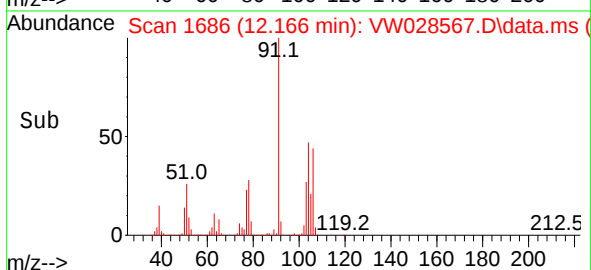
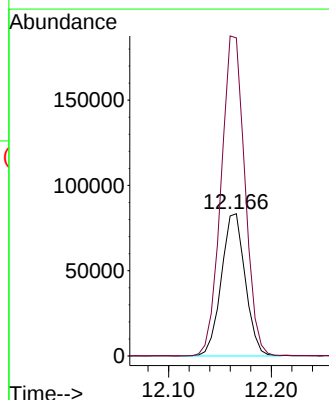
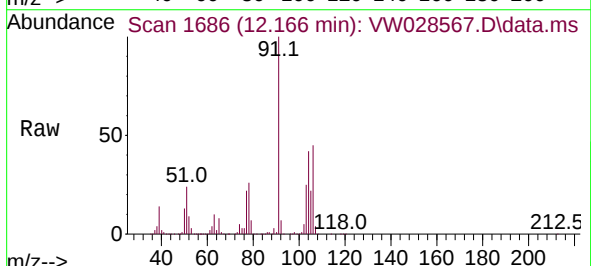
Acq: 02 May 2024 12:58

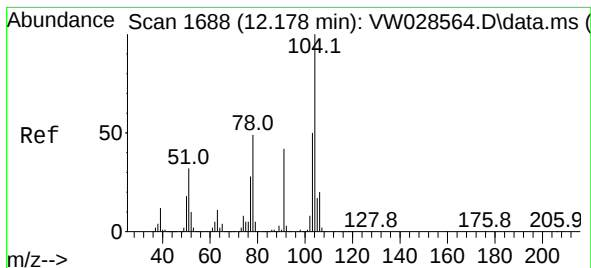
Tgt Ion:106 Resp: 134509

Ion Ratio Lower Upper

106 100

91 223.5 154.3 286.5





#55

Styrene

Concen: 22.939 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Instrument :

MSVOA_W

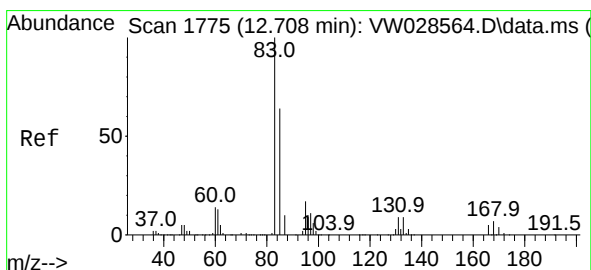
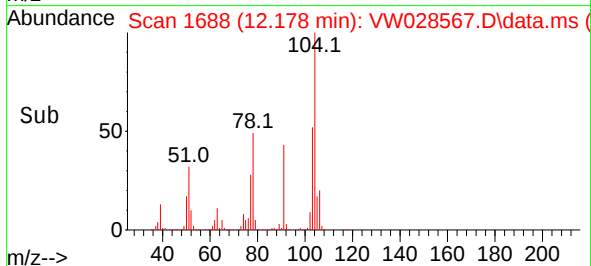
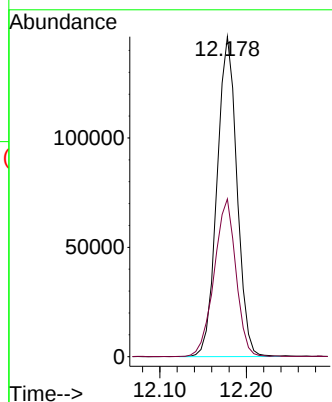
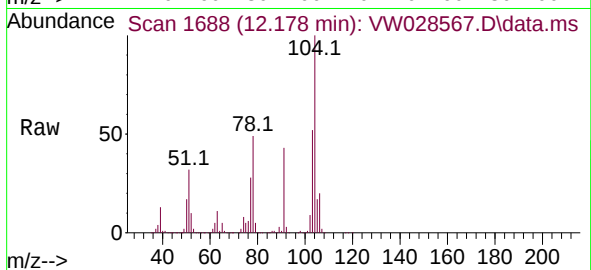
ClientSampleId :

Tgt Ion:104 Resp: 234122

Ion Ratio Lower Upper

104 100

78 49.3 34.1 63.3



#57

1,1,2,2-Tetrachloroethane

Concen: 21.972 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

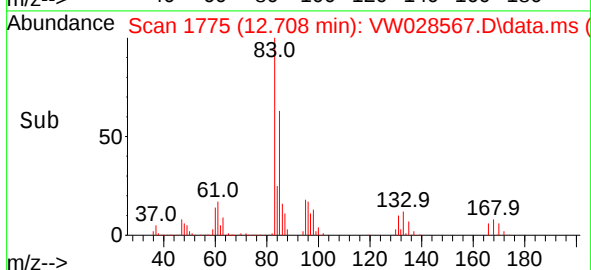
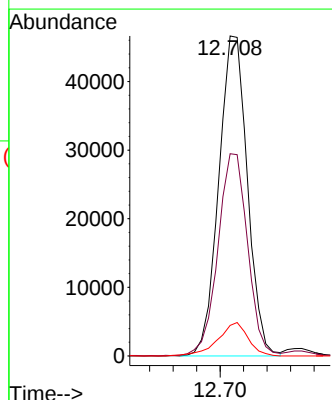
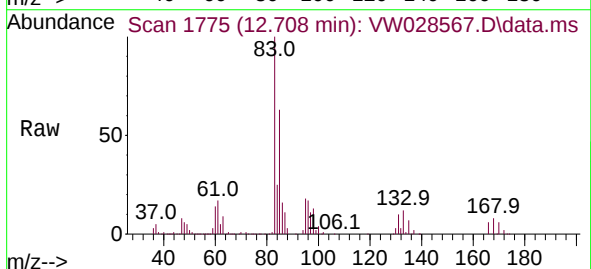
Tgt Ion: 83 Resp: 79073

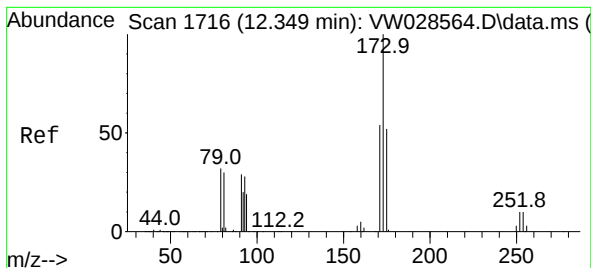
Ion Ratio Lower Upper

83 100

85 63.2 45.6 84.6

131 9.6 7.3 10.9





#59

Bromoform

Concen: 22.549 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Instrument :

MSVOA_W

ClientSampleId :

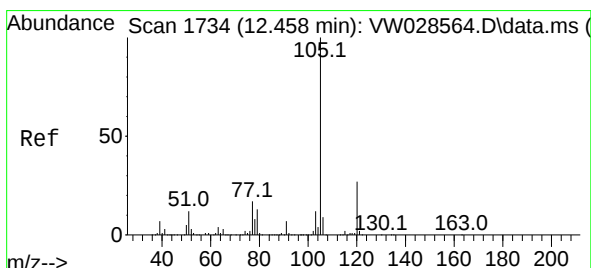
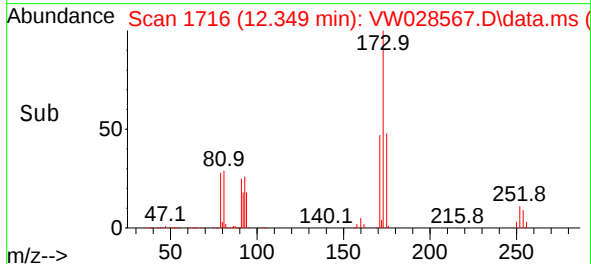
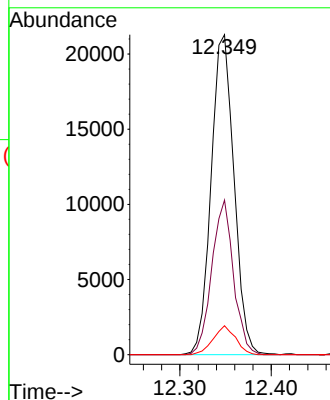
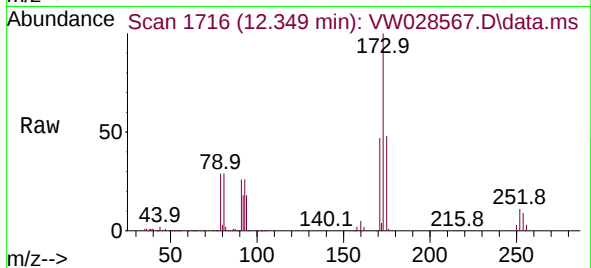
Tgt Ion:173 Resp: 36967

Ion Ratio Lower Upper

173 100

175 45.8 39.8 59.8

254 8.9 7.1 10.7



#60

Isopropylbenzene

Concen: 22.902 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

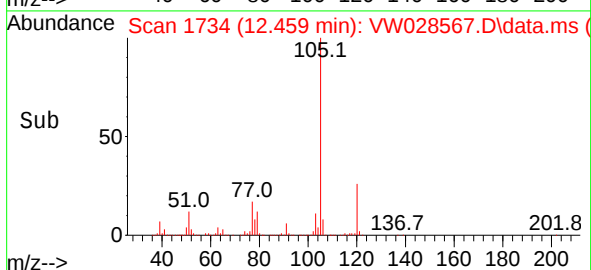
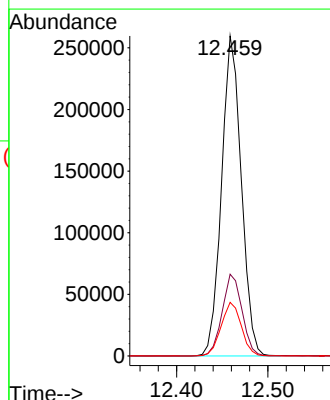
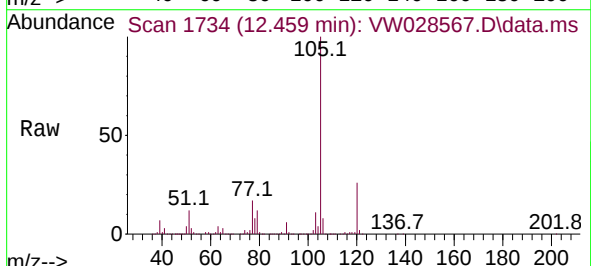
Tgt Ion:105 Resp: 390441

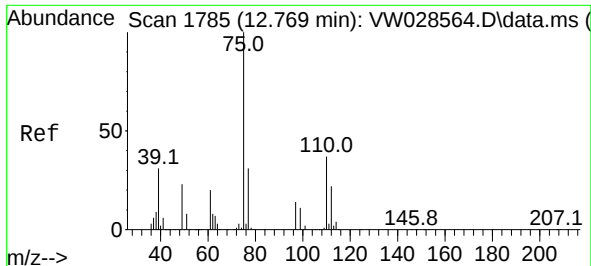
Ion Ratio Lower Upper

105 100

120 25.7 20.5 30.7

77 17.1 13.4 20.2





#61

1,2,3-Trichloropropane

Concen: 22.466 ug/L

RT: 12.763 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW028567.D

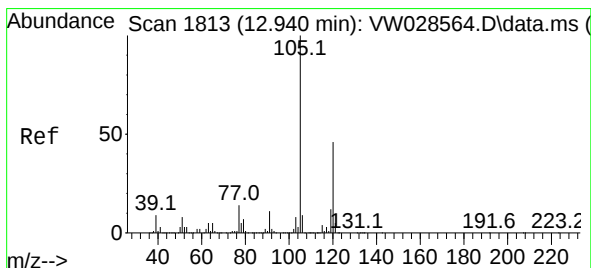
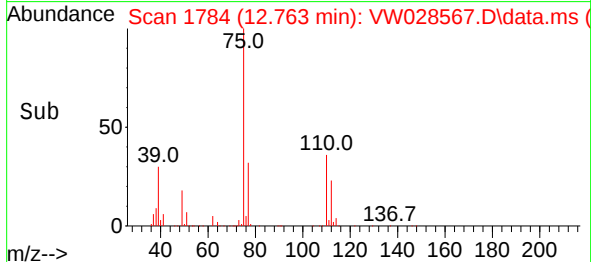
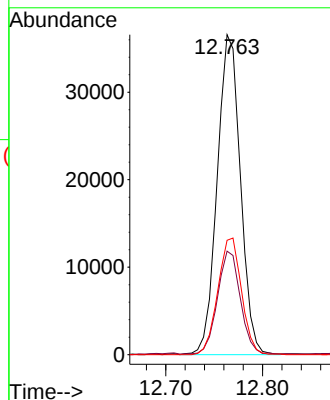
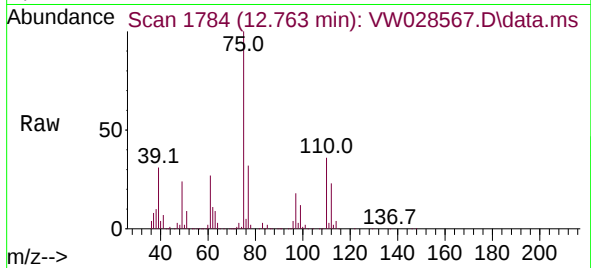
Acq: 02 May 2024 12:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp: 61012
Ion Ratio	Lower Upper
75	100
77	31.6 25.9 38.9
110	37.1 30.6 45.8



#62

1,3,5-Trimethylbenzene

Concen: 23.761 ug/L

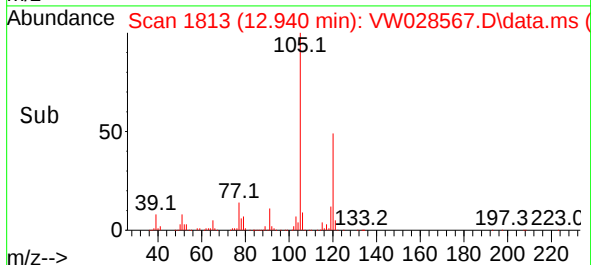
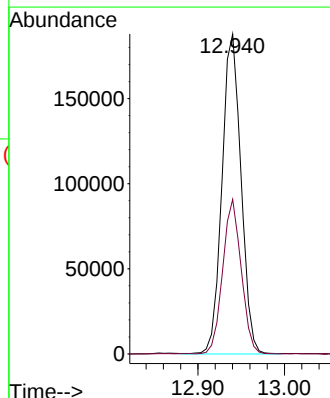
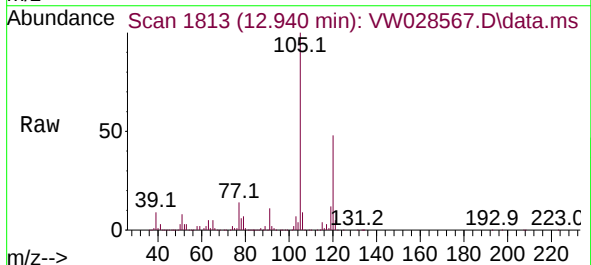
RT: 12.940 min Scan# 1813

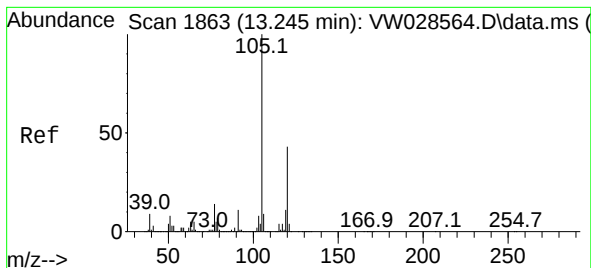
Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Tgt Ion: 105	Resp: 286607
Ion Ratio	Lower Upper
105	100
120	47.0 37.4 56.2





#63

1,2,4-Trimethylbenzene

Concen: 23.311 ug/L

RT: 13.245 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Instrument :

MSVOA_W

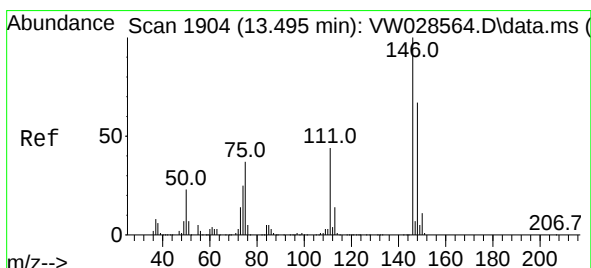
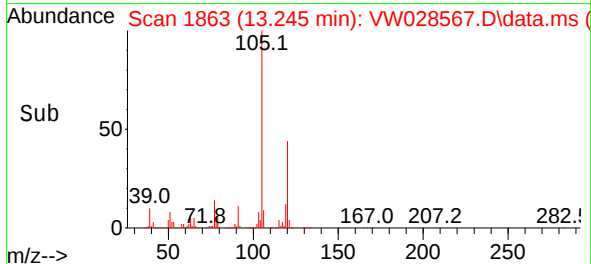
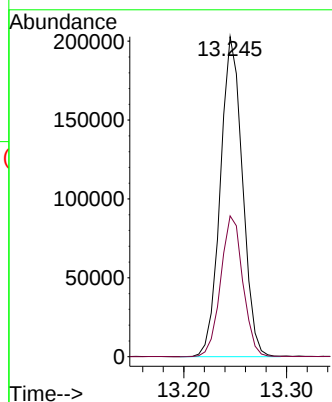
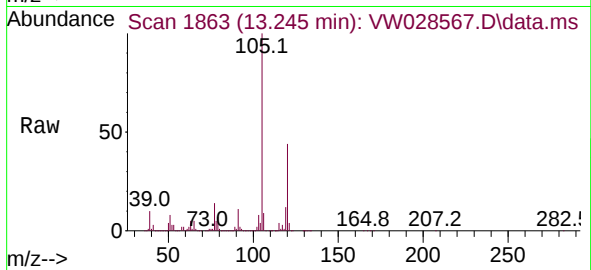
ClientSampleId :

Tgt Ion:105 Resp: 302972

Ion Ratio Lower Upper

105 100

120 44.1 34.1 51.1



#64

1,3-Dichlorobenzene

Concen: 21.819 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

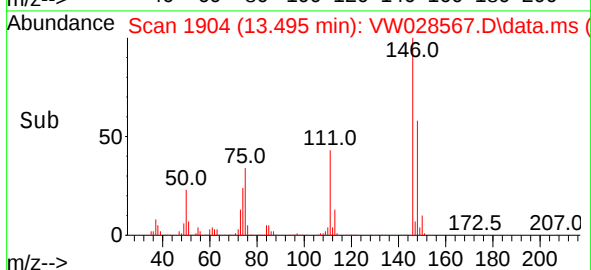
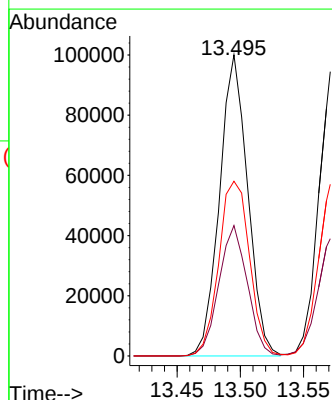
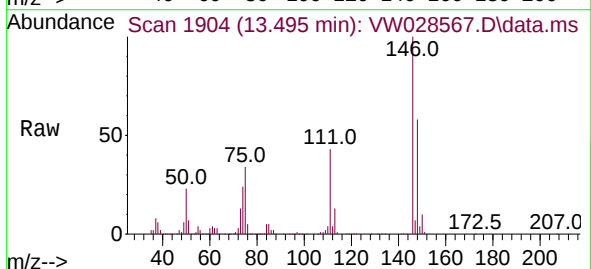
Tgt Ion:146 Resp: 154743

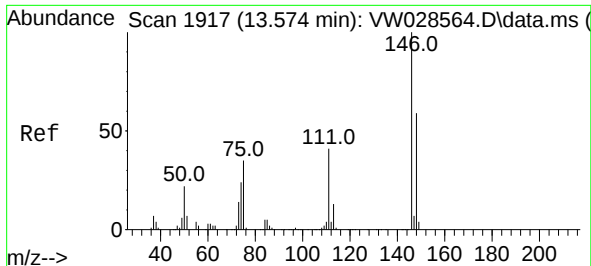
Ion Ratio Lower Upper

146 100

111 43.3 30.7 57.1

148 58.0 47.0 87.2





#65

1,4-Dichlorobenzene

Concen: 22.505 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Instrument :

MSVOA_W

ClientSampleId :

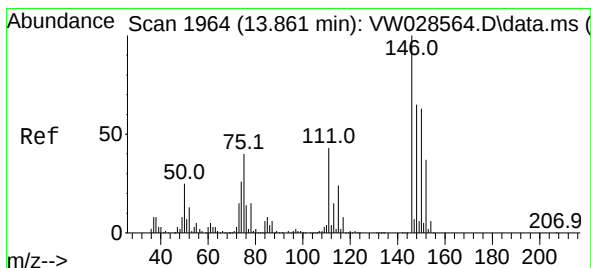
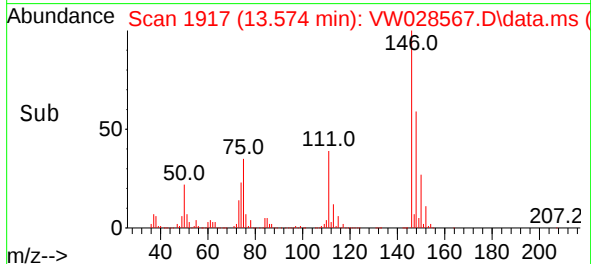
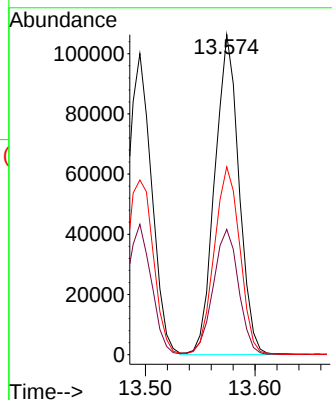
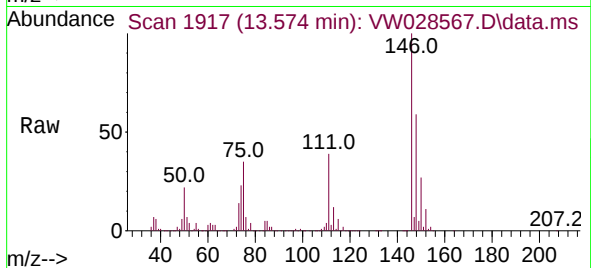
Tgt Ion:146 Resp: 163183

Ion Ratio Lower Upper

146 100

111 39.1 29.1 54.1

148 58.7 41.2 76.6



#67

1,2-Dichlorobenzene

Concen: 21.965 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.006 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

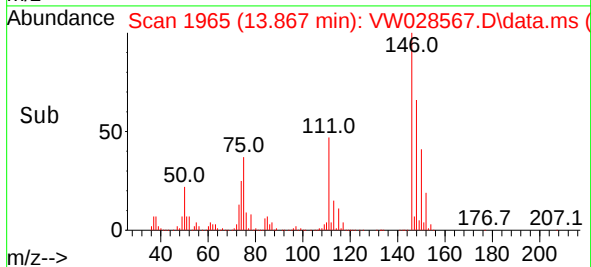
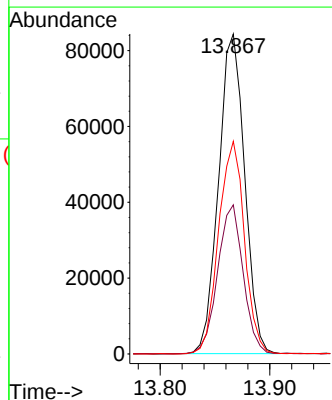
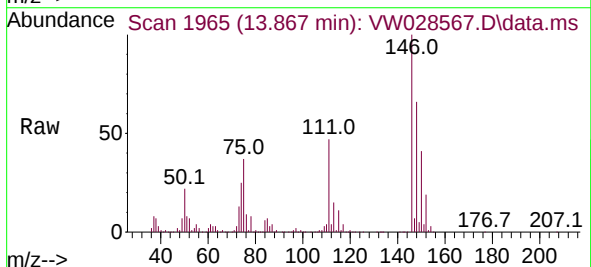
Tgt Ion:146 Resp: 139429

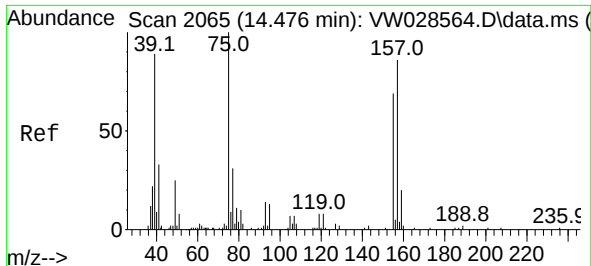
Ion Ratio Lower Upper

146 100

111 46.6 34.7 52.1

148 66.5 51.8 77.8





#68

1,2-Dibromo-3-chloropropane

Concen: 21.617 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Instrument :

MSVOA_W

ClientSampleId :

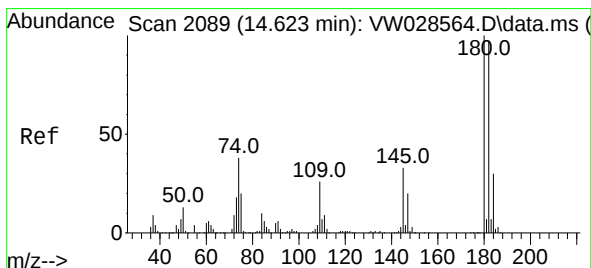
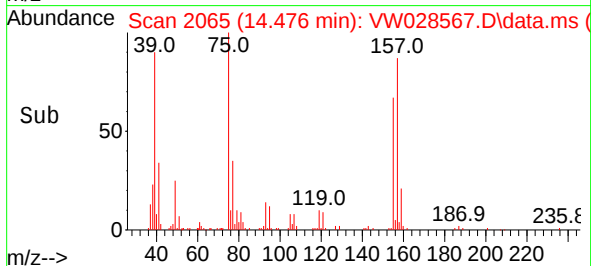
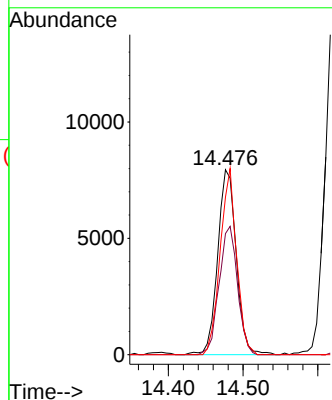
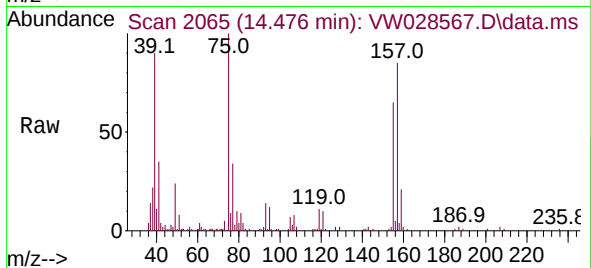
Tgt Ion: 75 Resp: 13726

Ion Ratio Lower Upper

75 100

155 65.5 55.1 82.7

157 85.3 68.6 102.8



#69

1,3,5-Trichlorobenzene

Concen: 22.763 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Tgt Ion:180 Resp: 108332

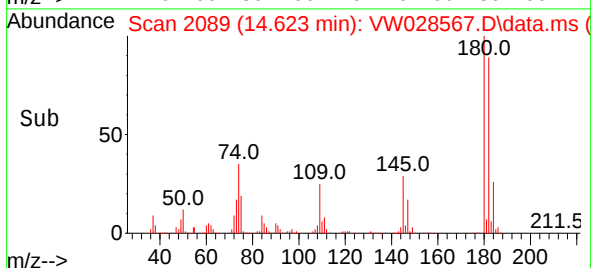
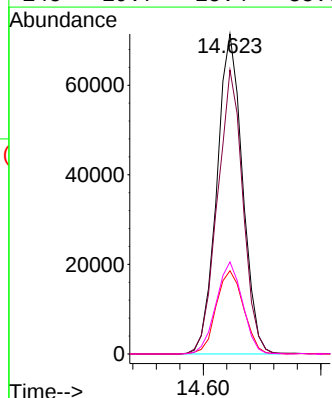
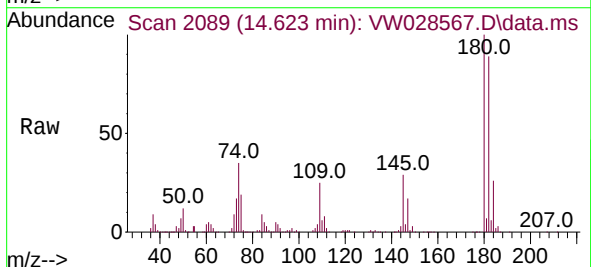
Ion Ratio Lower Upper

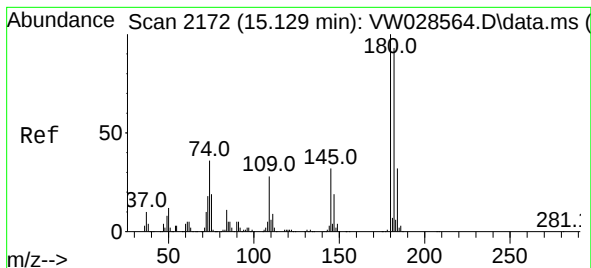
180 100

182 88.2 75.4 113.2

184 27.8 24.0 36.0

145 29.7 25.4 38.0





#70

1,2,4-trichlorobenzene

Concen: 21.972 ug/L

RT: 15.123 min Scan# 2172

Delta R.T. -0.006 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

Instrument :

MSVOA_W

ClientSampleId :

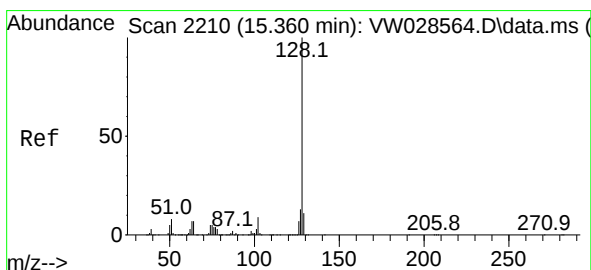
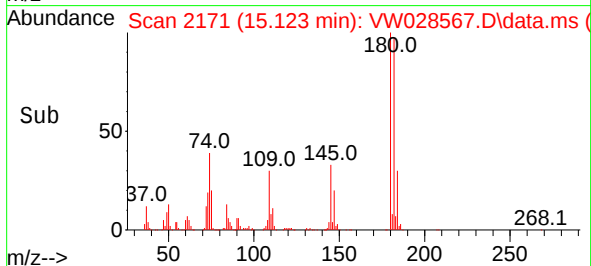
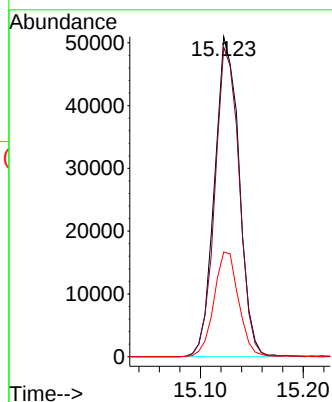
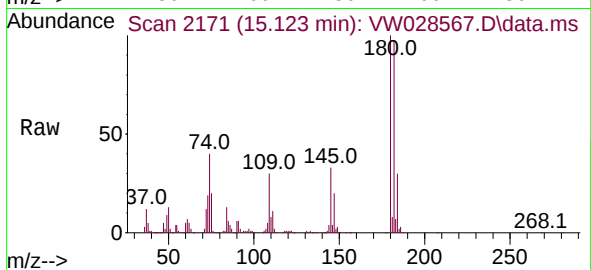
Tgt Ion:180 Resp: 84491

Ion Ratio Lower Upper

180 100

182 95.9 77.2 115.8

145 32.9 26.6 39.8



#71

Naphthalene

Concen: 23.804 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW028567.D

Acq: 02 May 2024 12:58

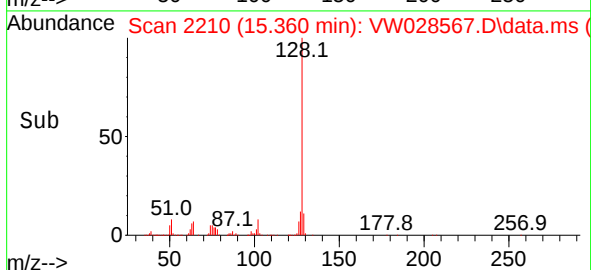
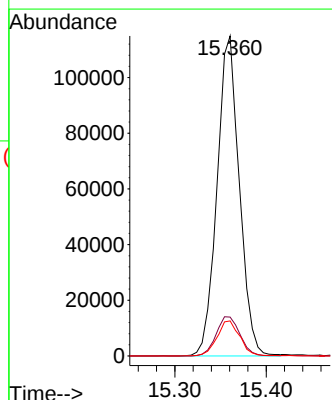
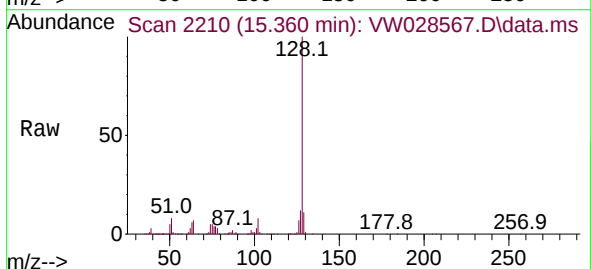
Tgt Ion:128 Resp: 195023

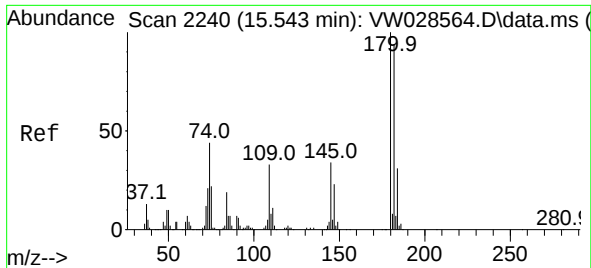
Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

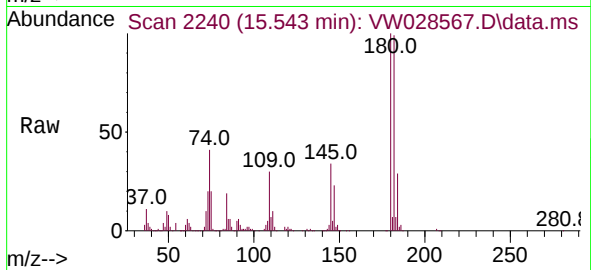
129 11.3 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 22.278 ug/L
 RT: 15.543 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028567.D
 Acq: 02 May 2024 12:58

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	77304
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.1	114.1
145	34.7	28.3	42.5

