

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051724\
 Data File : VW028646.D
 Acq On : 17 May 2024 17:56
 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 17 23:08:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 17 23:04:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	274616	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	258181	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	130643	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	95430	18.300	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.200%
7) Chloroethane-d5	2.905	69	83855	21.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	4.027	65	42281	19.406	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.640%
21) 2-Butanone-d5	7.075	46	72706	53.440	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.880%
24) Chloroform-d	7.648	84	212250	24.735	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.960%
26) 1,2-Dichloroethane-d4	8.307	65	124854	25.415	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.680%
32) Benzene-d6	8.276	84	400806	23.268	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.080%
36) 1,2-Dichloropropane-d6	9.276	67	125945	24.298	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.200%
41) Toluene-d8	10.325	98	359562	23.571	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.280%
43) trans-1,3-Dichloroprop...	10.575	79	50079	24.016	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.080%
47) 2-Hexanone-d5	10.922	63	50852	56.882	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.760%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	115321	26.532	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	115012	23.098	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.400%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	87747	21.988	ug/L	98
3) Chloromethane	2.228	50	113716	23.001	ug/L	98
5) Vinyl chloride	2.375	62	128939	23.165	ug/L	96
6) Bromomethane	2.795	94	79334	24.639	ug/L	100
8) Chloroethane	2.936	64	79198	24.949	ug/L	98
9) Trichlorofluoromethane	3.271	101	104567	22.883	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	97649	23.177	ug/L	93
12) 1,1-Dichloroethene	4.051	96	91248	24.143	ug/L	89
13) Acetone	4.118	43	60061	48.527	ug/L	96
14) Carbon disulfide	4.393	76	286005	22.391	ug/L	100
15) Methyl Acetate	4.667	43	57397	26.655	ug/L	99
16) Methylene chloride	4.917	84	114464	26.951	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	96864	24.617	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	166481	28.671	ug/L	99
19) 1,1-Dichloroethane	6.222	63	202124	25.904	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	109901	26.688	ug/L	96
22) 2-Butanone	7.173	43	80723	50.814	ug/L	99
23) Bromochloromethane	7.520	128	49151	27.362	ug/L	96
25) Chloroform	7.679	83	204354	27.078	ug/L	96

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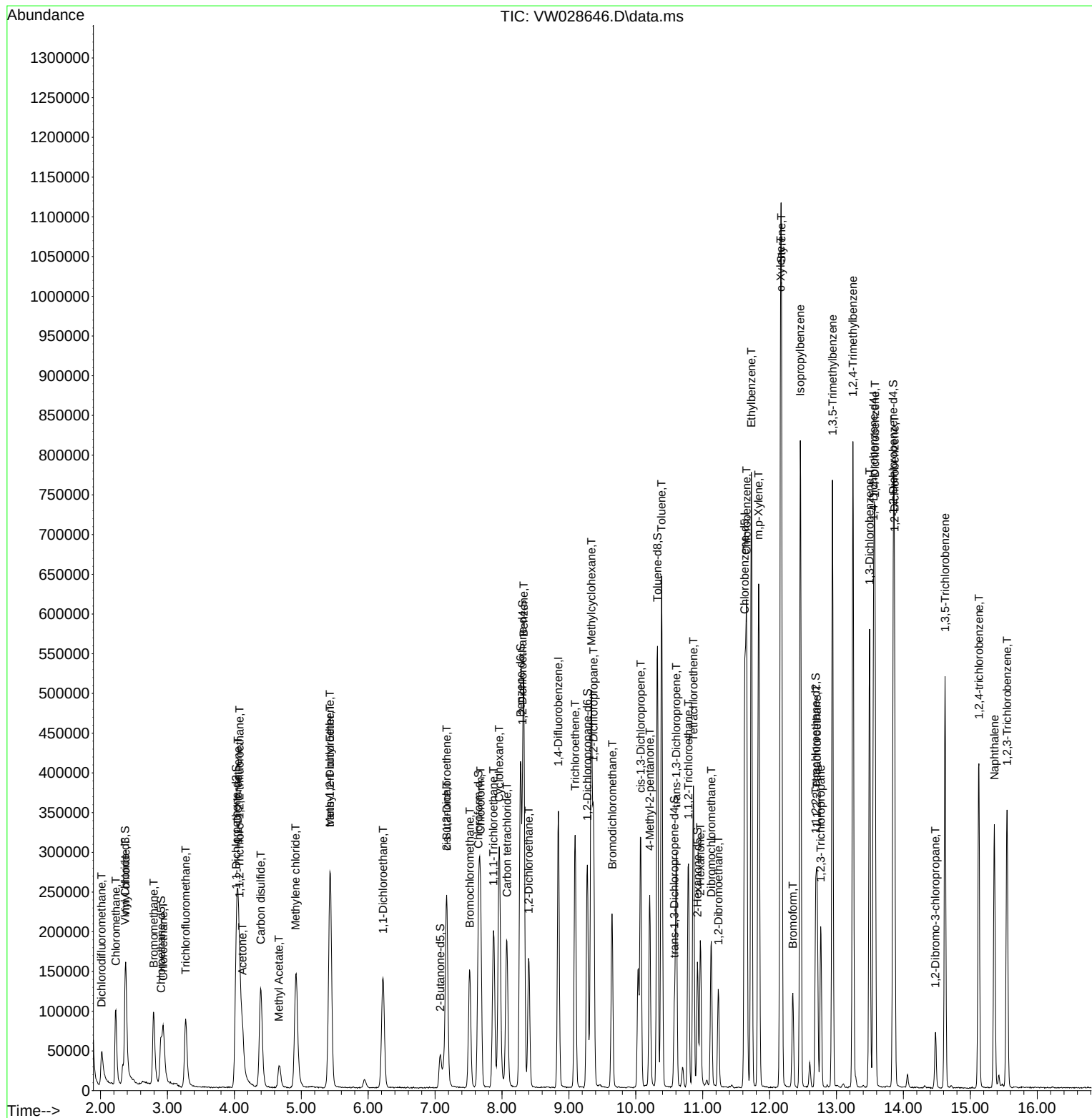
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	150396	27.414	ug/L	98
29) Cyclohexane	7.959	56	173771	23.606	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	158966	24.571	ug/L	99
31) Carbon tetrachloride	8.075	117	138957	23.557	ug/L	99
33) Benzene	8.325	78	429102	25.630	ug/L	100
34) Trichloroethene	9.093	95	112624	25.090	ug/L	93
35) Methylcyclohexane	9.337	83	188131	23.983	ug/L	99
37) 1,2-Dichloropropane	9.367	63	116188	26.633	ug/L	98
38) Bromodichloromethane	9.648	83	145302	27.323	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	175898	28.131	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	162622	54.771	ug/L	99
42) Toluene	10.386	91	452524	26.170	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	151180	28.676	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	86289	27.304	ug/L	96
46) Tetrachloroethene	10.861	164	77357	23.920	ug/L	96
48) 2-Hexanone	10.965	43	119598	57.055	ug/L	99
49) Dibromochloromethane	11.129	129	92275	29.110	ug/L	99
50) 1,2-Dibromoethane	11.233	107	80553	27.211	ug/L	98
51) Chlorobenzene	11.654	112	282148	26.378	ug/L	97
52) Ethylbenzene	11.727	91	522828	26.718	ug/L	95
53) m,p-Xylene	11.836	106	191791	26.737	ug/L	88
54) o-Xylene	12.166	106	185546	27.960	ug/L	98
55) Styrene	12.178	104	325054	28.908	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	109000	27.491	ug/L	97
59) Bromoform	12.349	173	51780	27.167	ug/L	99
60) Isopropylbenzene	12.458	105	505434	25.501	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	81249	25.734	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	379095	27.033	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	411592	27.240	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	208816	25.325	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	219895	26.086	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	195062	26.432	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	17701	23.979	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	137460	24.844	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	120385	26.928	ug/L	96
71) Naphthalene	15.360	128	260373	27.336	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	109832	27.226	ug/L	98

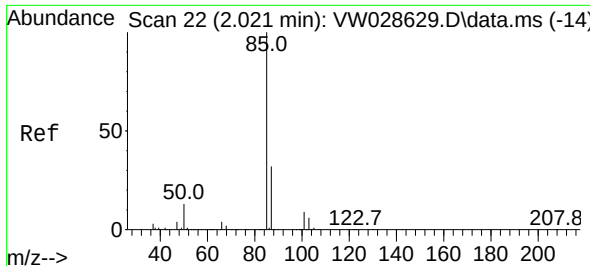
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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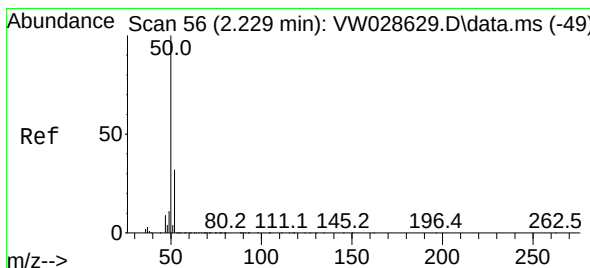
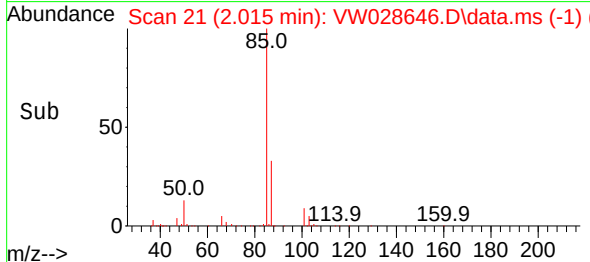
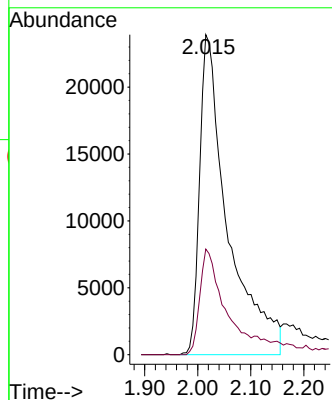
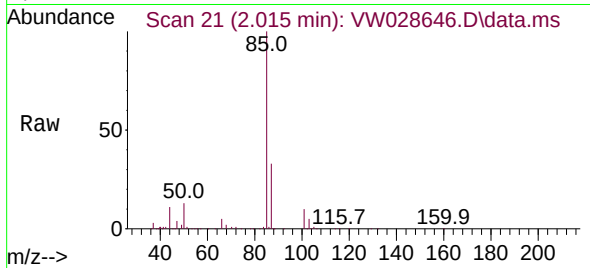




#2
Dichlorodifluoromethane
Concen: 21.988 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW028646.D
Acq: 17 May 2024 17:56

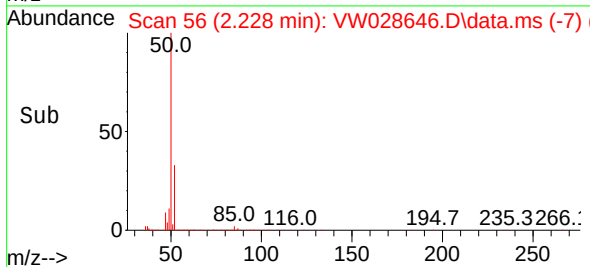
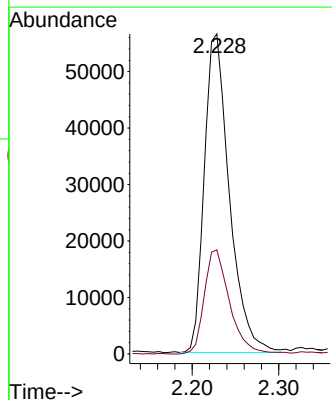
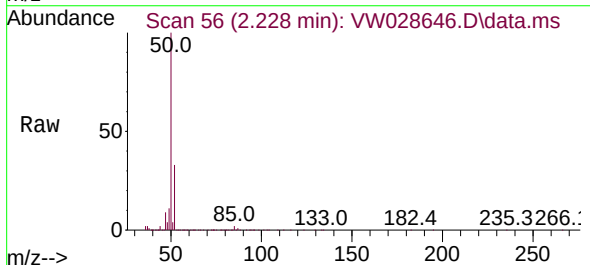
Instrument :
MSVOA_W
ClientSampleId :

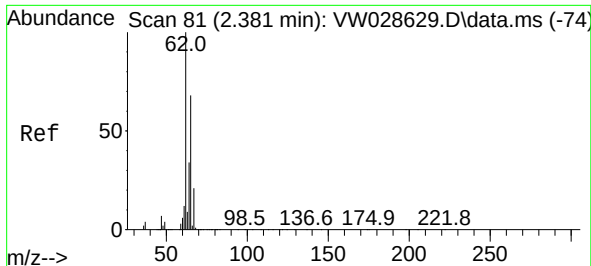
Tgt Ion: 85 Resp: 87747
Ion Ratio Lower Upper
85 100
87 28.5 21.9 32.9



#3
Chloromethane
Concen: 23.001 ug/L
RT: 2.228 min Scan# 56
Delta R.T. -0.000 min
Lab File: VW028646.D
Acq: 17 May 2024 17:56

Tgt Ion: 50 Resp: 113716
Ion Ratio Lower Upper
50 100
52 32.6 22.0 41.0

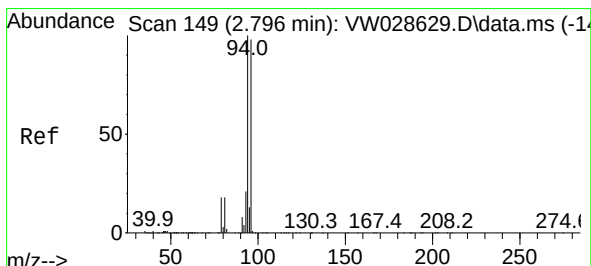
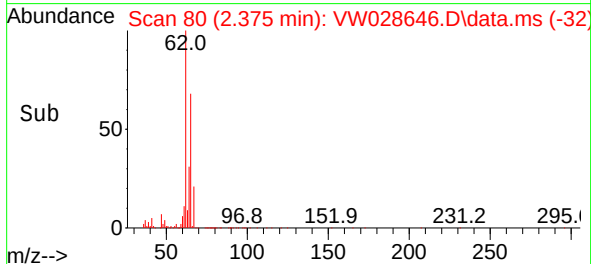
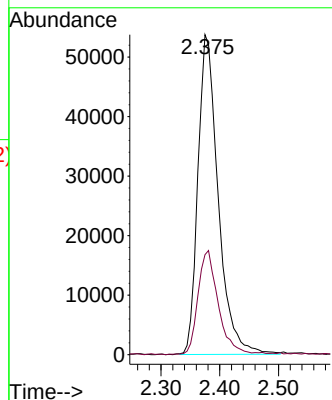
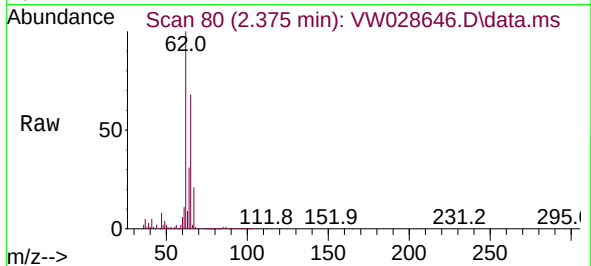




#5
Vinyl chloride
Concen: 23.165 ug/L
RT: 2.375 min Scan# 80
Delta R.T. -0.006 min
Lab File: VW028646.D
Acq: 17 May 2024 17:56

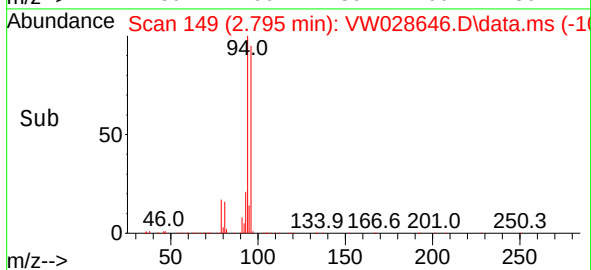
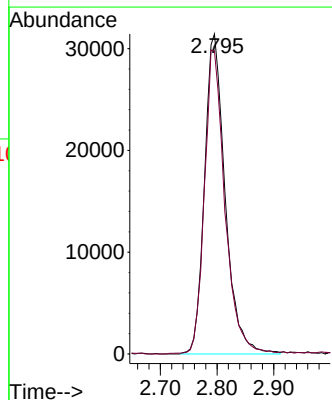
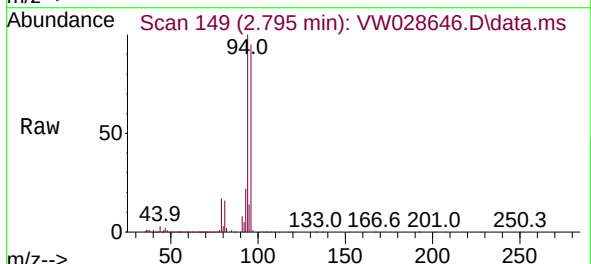
Instrument :
MSVOA_W
ClientSampleId :

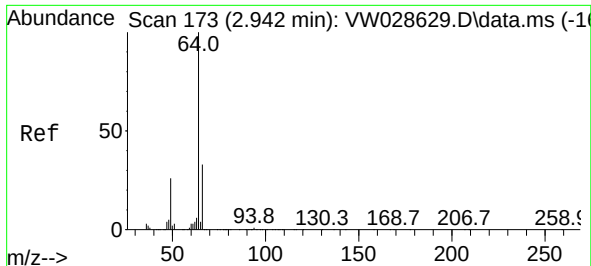
Tgt Ion: 62 Resp: 128939
Ion Ratio Lower Upper
62 100
64 31.3 23.3 43.3



#6
Bromomethane
Concen: 24.639 ug/L
RT: 2.795 min Scan# 149
Delta R.T. -0.000 min
Lab File: VW028646.D
Acq: 17 May 2024 17:56

Tgt Ion: 94 Resp: 79334
Ion Ratio Lower Upper
94 100
96 94.7 66.3 123.1

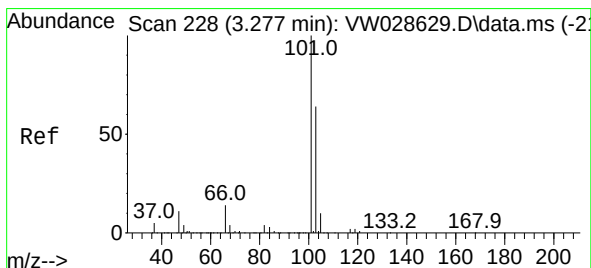
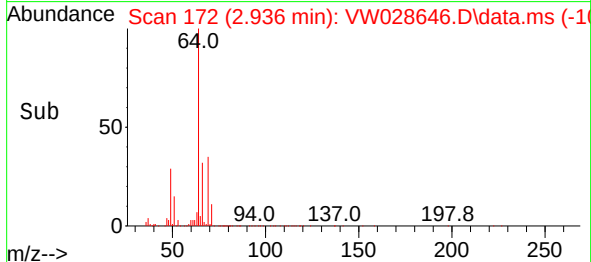
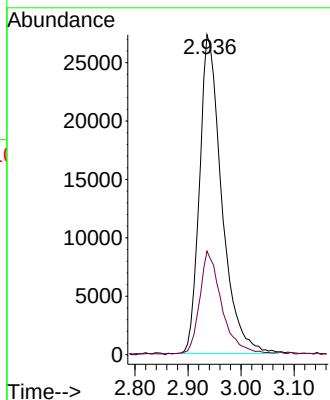
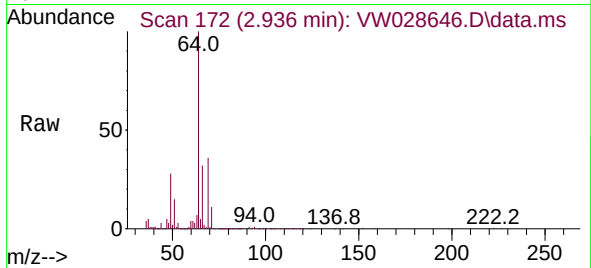




#8
Chloroethane
Concen: 24.949 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW028646.D
Acq: 17 May 2024 17:56

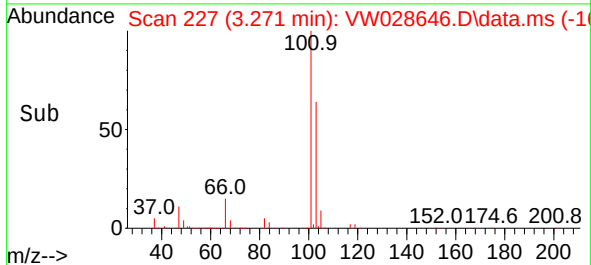
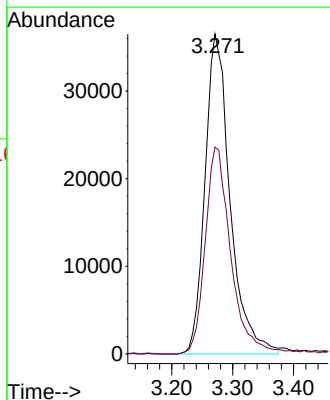
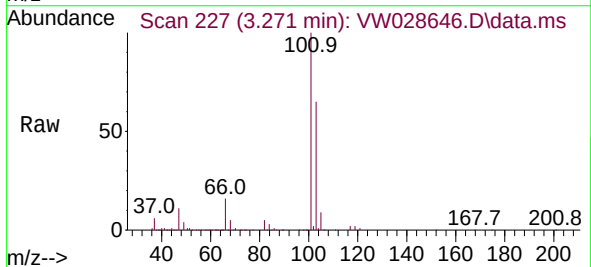
Instrument :
MSVOA_W
ClientSampleId :

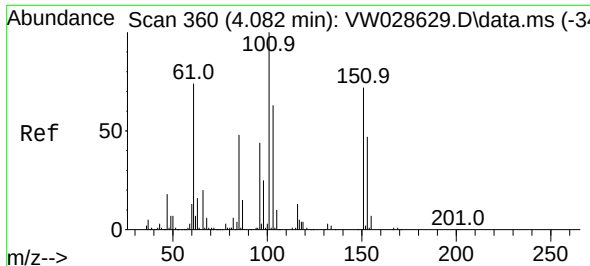
Tgt Ion: 64 Resp: 79198
Ion Ratio Lower Upper
64 100
66 32.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.883 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW028646.D
Acq: 17 May 2024 17:56

Tgt Ion:101 Resp: 104567
Ion Ratio Lower Upper
101 100
103 66.1 50.4 75.6





#10

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

Concen: 23.177 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

Instrument :

MSVOA_W

ClientSampleId :

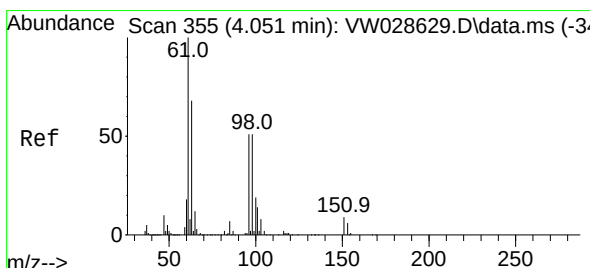
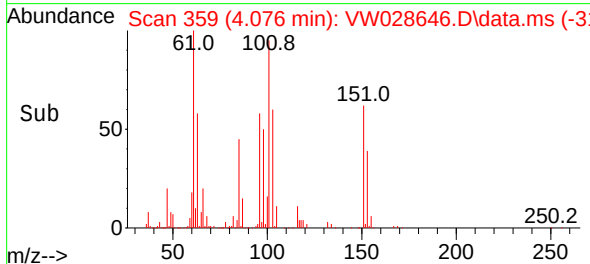
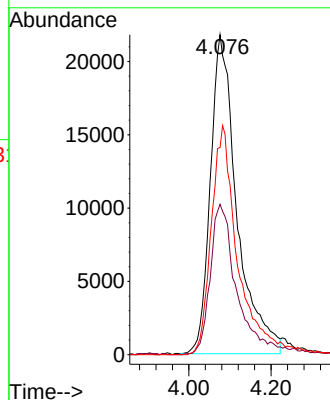
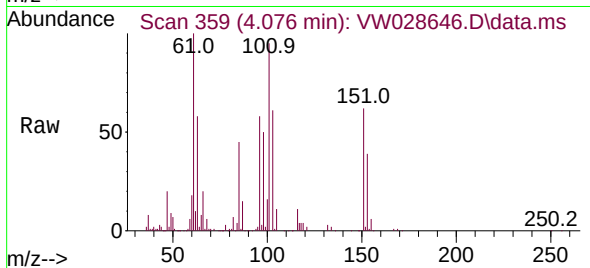
Tgt Ion:101 Resp: 97649

Ion Ratio Lower Upper

101 100

85 43.5 35.8 53.8

151 69.8 49.6 74.4



#12

1,1-Dichloroethene

Concen: 24.143 ug/L

RT: 4.051 min Scan# 355

Delta R.T. -0.000 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

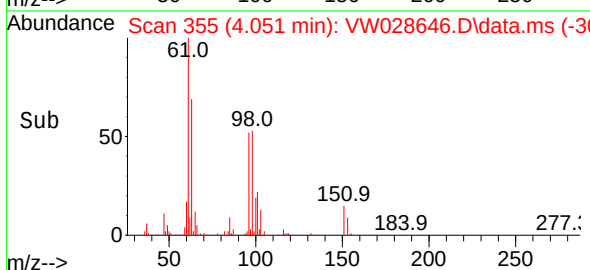
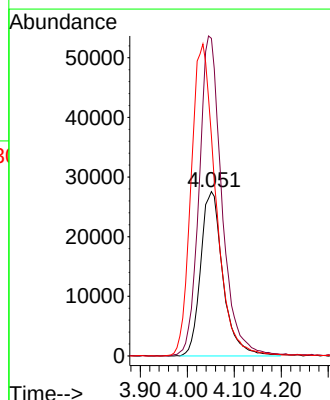
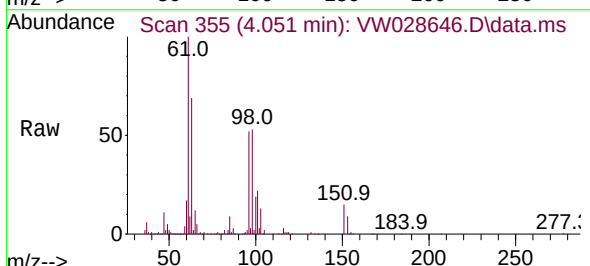
Tgt Ion: 96 Resp: 91248

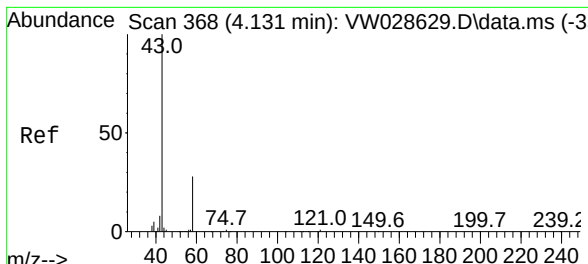
Ion Ratio Lower Upper

96 100

61 193.3 131.6 244.4

63 134.0 111.4 206.8

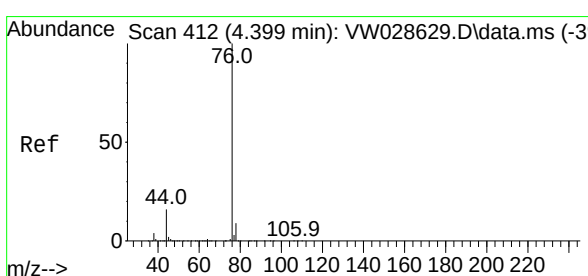
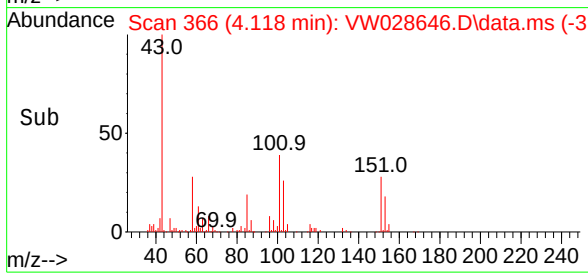
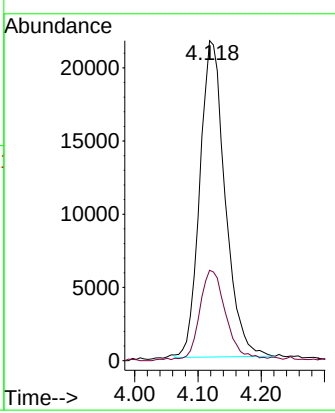
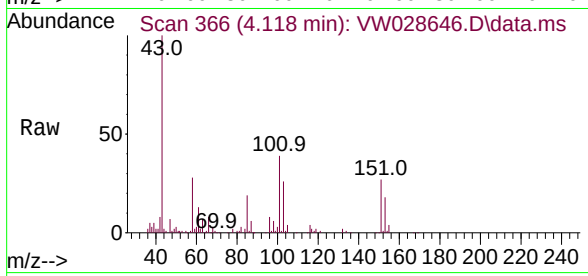




#13
 Acetone
 Concen: 48.527 ug/L
 RT: 4.118 min Scan# 366
 Delta R.T. -0.012 min
 Lab File: VW028646.D
 Acq: 17 May 2024 17:56

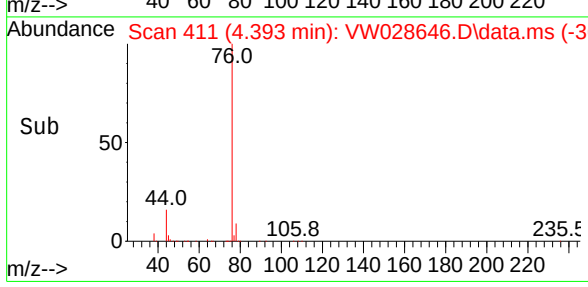
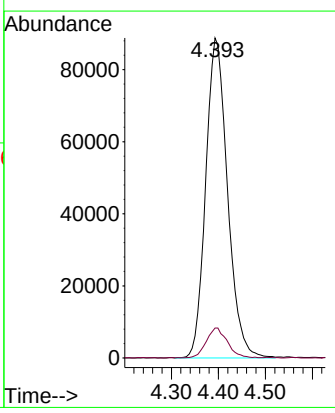
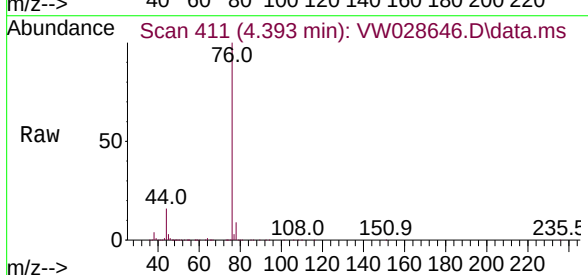
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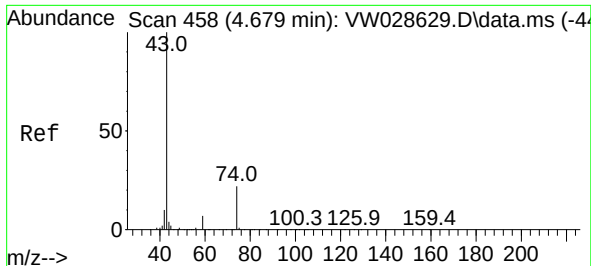
Tgt Ion:	43	Resp:	60061
Ion Ratio	Lower	Upper	
43	100		
58	29.0	0.0	54.4



#14
 Carbon disulfide
 Concen: 22.391 ug/L
 RT: 4.393 min Scan# 411
 Delta R.T. -0.006 min
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Tgt Ion:	76	Resp:	286005
Ion Ratio	Lower	Upper	
76	100		
78	9.3	7.4	11.0

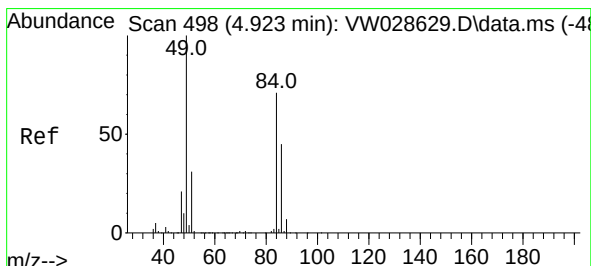
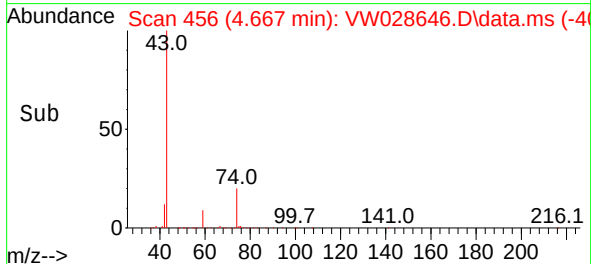
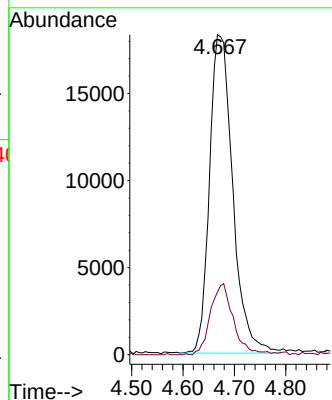
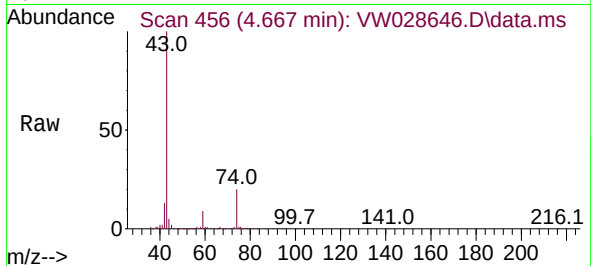




#15
Methyl Acetate
Concen: 26.655 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.012 min
Lab File: VW028646.D
Acq: 17 May 2024 17:56

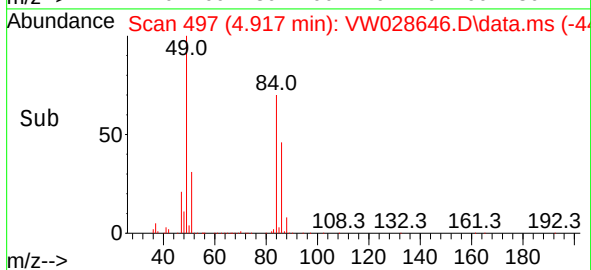
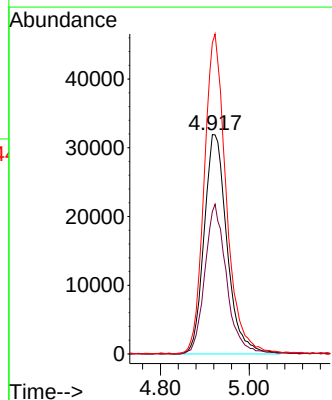
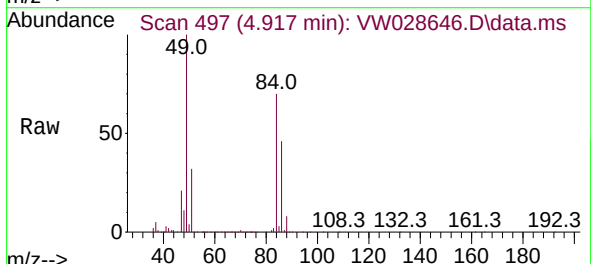
Instrument :
MSVOA_W
ClientSampleId :

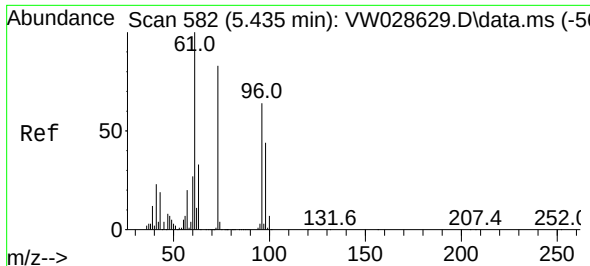
Tgt Ion: 43 Resp: 57397
Ion Ratio Lower Upper
43 100
74 21.7 17.6 26.4



#16
Methylene chloride
Concen: 26.951 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW028646.D
Acq: 17 May 2024 17:56

Tgt Ion: 84 Resp: 114464
Ion Ratio Lower Upper
84 100
86 64.9 44.4 82.4
49 141.9 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 24.617 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

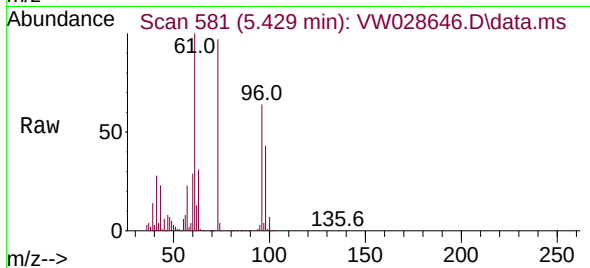
Lab File: VW028646.D

Acq: 17 May 2024 17:56

Instrument :

MSVOA_W

ClientSampleId :



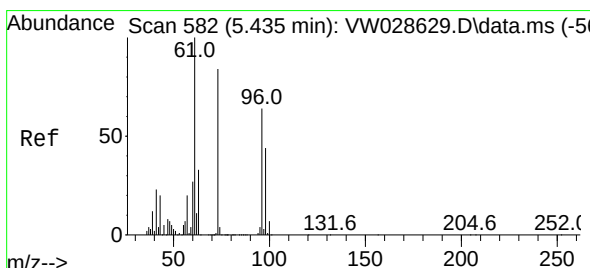
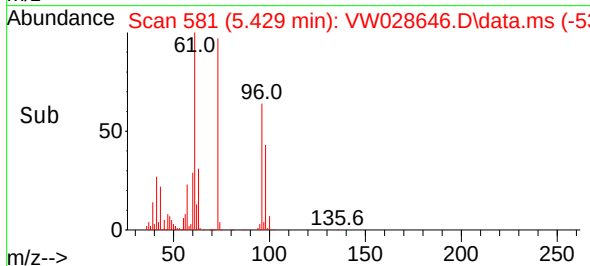
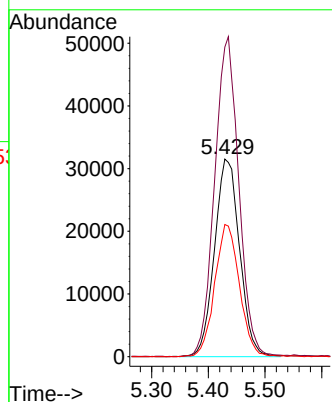
Tgt Ion: 96 Resp: 96864

Ion Ratio Lower Upper

96 100

61 156.6 109.0 202.4

98 66.9 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 28.671 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

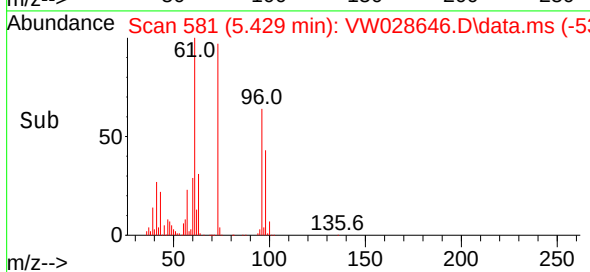
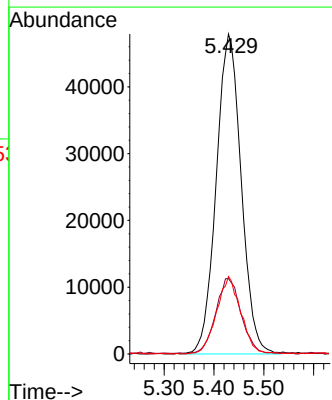
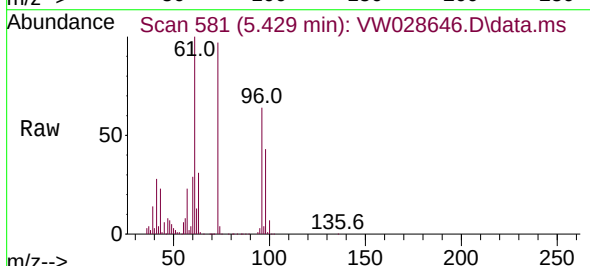
Tgt Ion: 73 Resp: 166481

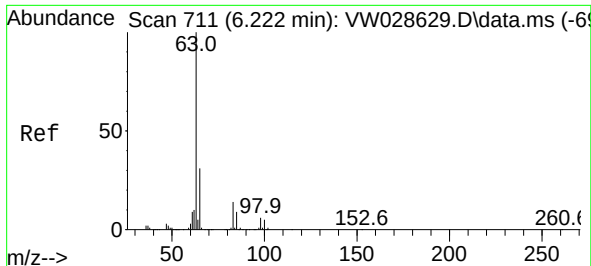
Ion Ratio Lower Upper

73 100

43 23.5 19.2 28.8

57 23.5 18.5 27.7





#19

1,1-Dichloroethane

Concen: 25.904 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min

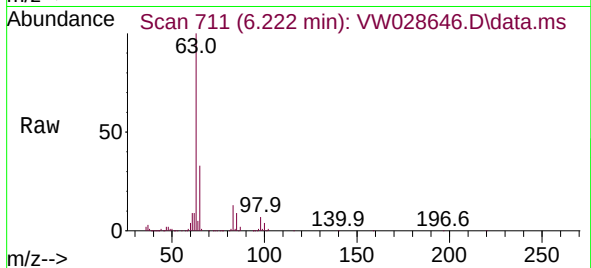
Lab File: VW028646.D

Acq: 17 May 2024 17:56

Instrument :

MSVOA_W

ClientSampleId :



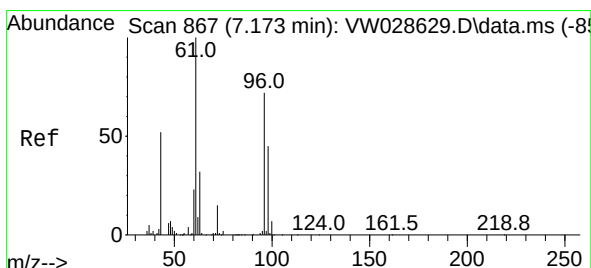
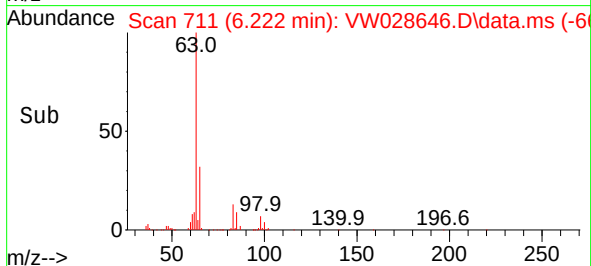
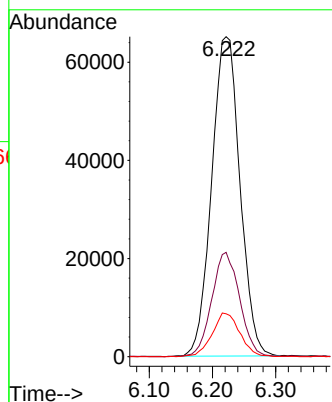
Tgt Ion: 63 Resp: 202124

Ion Ratio Lower Upper

63 100

65 32.6 22.9 42.5

83 13.4 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 26.688 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

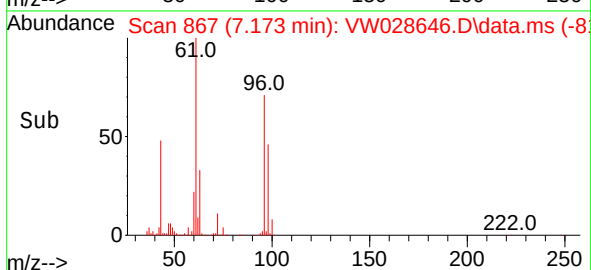
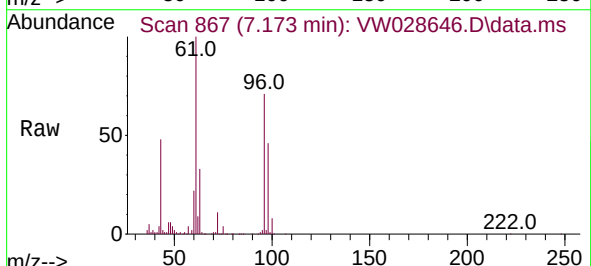
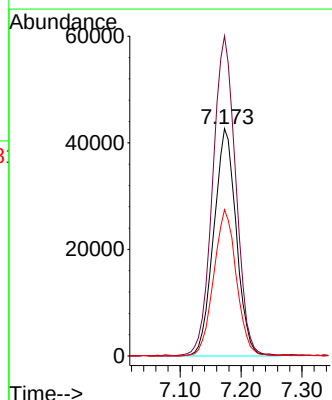
Tgt Ion: 96 Resp: 109901

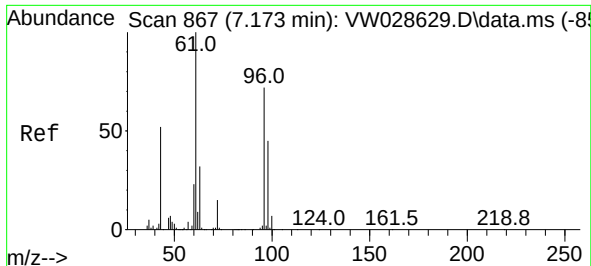
Ion Ratio Lower Upper

96 100

61 140.7 102.8 191.0

98 64.3 44.3 82.3





#22

2-Butanone

Concen: 50.814 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

Instrument :

MSVOA_W

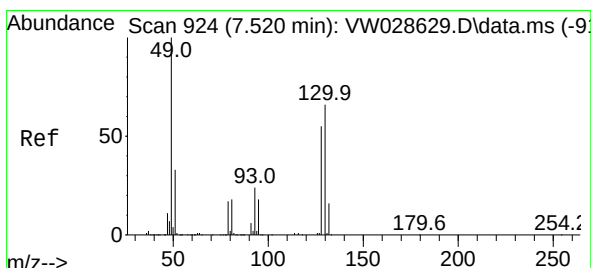
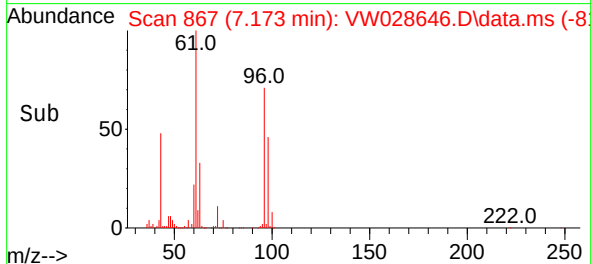
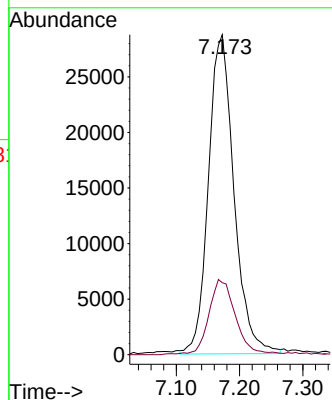
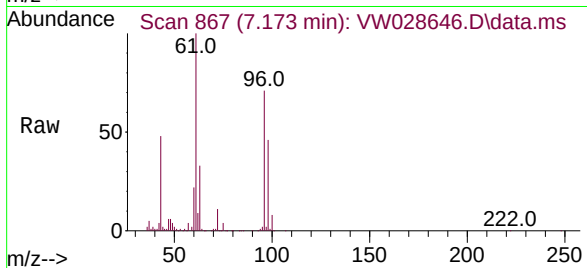
ClientSampleId :

Tgt Ion: 43 Resp: 80723

Ion Ratio Lower Upper

43 100

72 23.8 12.2 36.6



#23

Bromochloromethane

Concen: 27.362 ug/L

RT: 7.520 min Scan# 924

Delta R.T. -0.000 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

Tgt Ion: 128 Resp: 49151

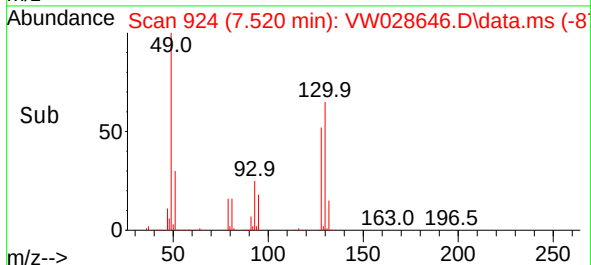
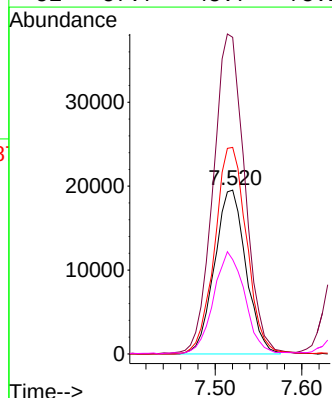
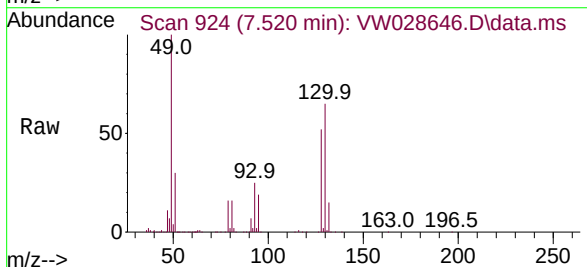
Ion Ratio Lower Upper

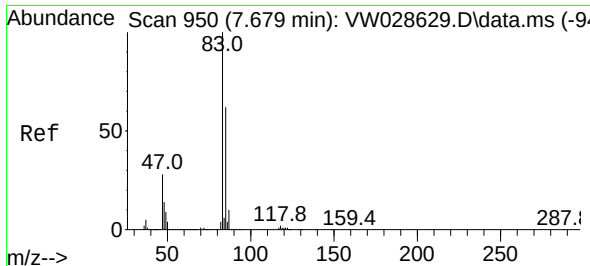
128 100

49 193.2 139.6 259.2

130 126.1 91.2 169.4

51 57.7 48.7 73.1

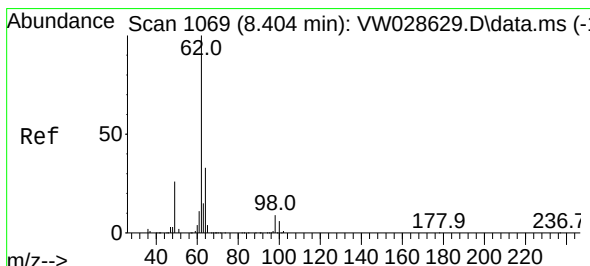
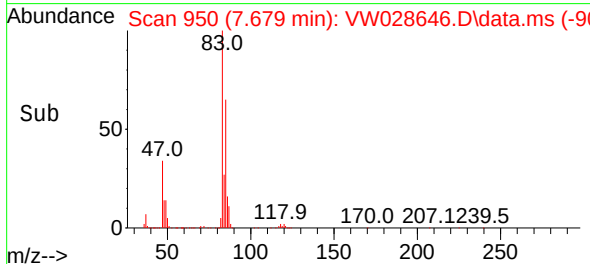
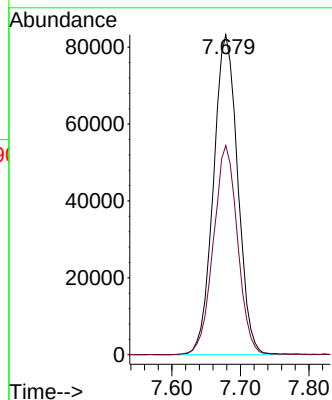
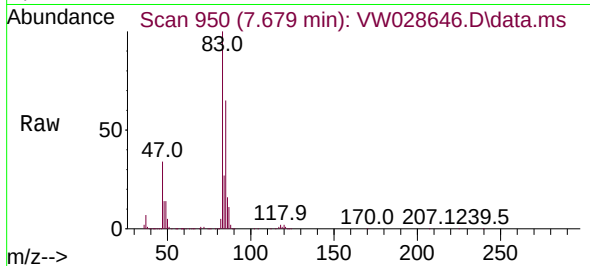




#25
Chloroform
Concen: 27.078 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW028646.D
Acq: 17 May 2024 17:56

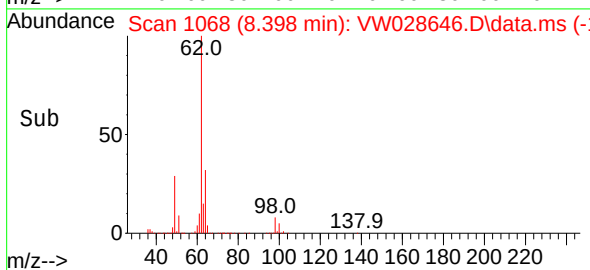
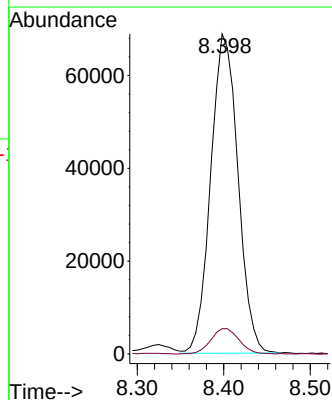
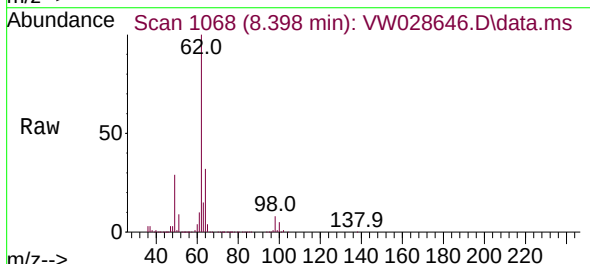
Instrument :
MSVOA_W
ClientSampleId :

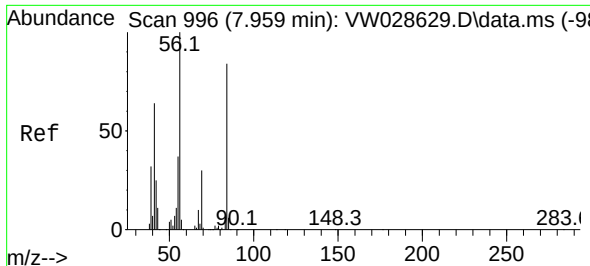
Tgt Ion: 83 Resp: 204354
Ion Ratio Lower Upper
83 100
85 65.4 43.4 80.6



#27
1,2-Dichloroethane
Concen: 27.414 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW028646.D
Acq: 17 May 2024 17:56

Tgt Ion: 62 Resp: 150396
Ion Ratio Lower Upper
62 100
98 7.9 7.0 10.6





#29

Cyclohexane

Concen: 23.606 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

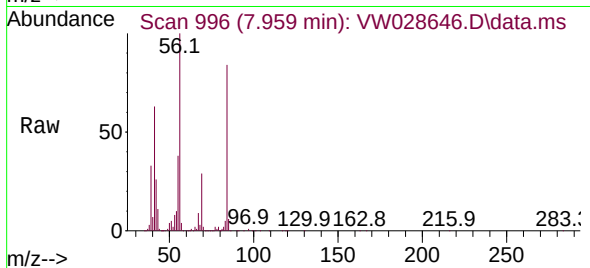
Lab File: VW028646.D

Acq: 17 May 2024 17:56

Instrument :

MSVOA_W

ClientSampleId :



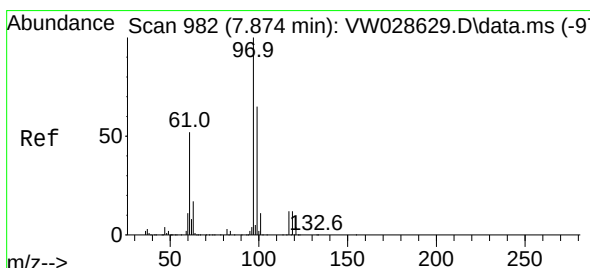
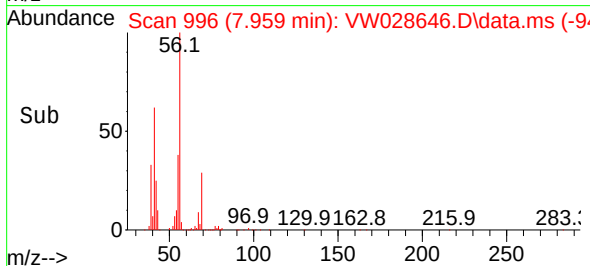
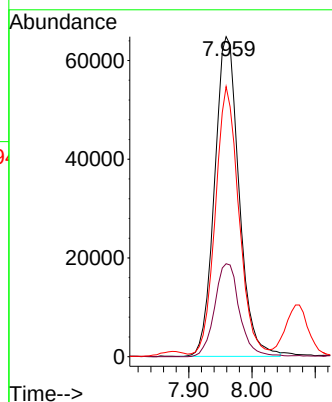
Tgt Ion: 56 Resp: 173771

Ion Ratio Lower Upper

56 100

69 29.5 23.4 35.0

84 81.5 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 24.571 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

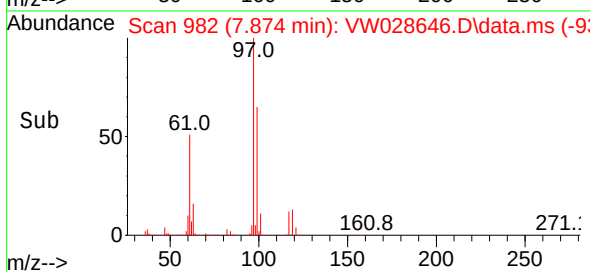
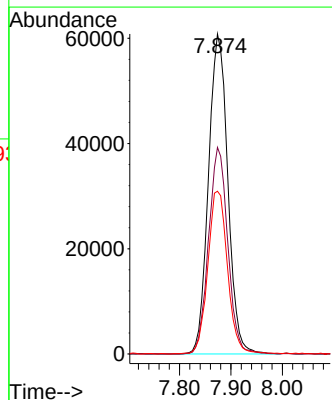
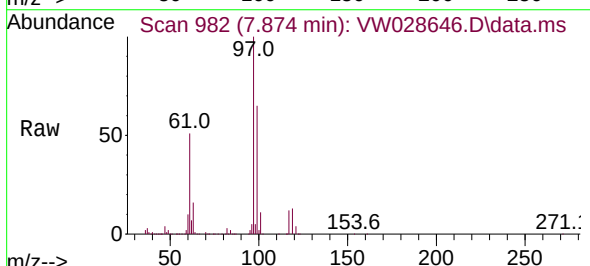
Tgt Ion: 97 Resp: 158966

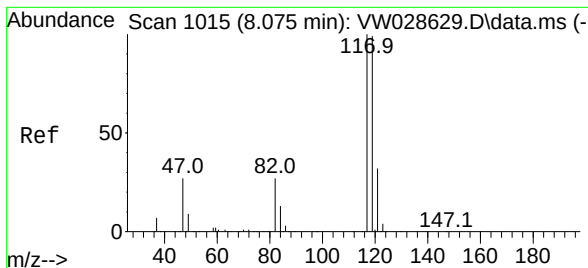
Ion Ratio Lower Upper

97 100

99 64.0 50.9 76.3

61 51.6 41.0 61.6





#31

Carbon tetrachloride

Concen: 23.557 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. -0.000 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

Instrument :

MSVOA_W

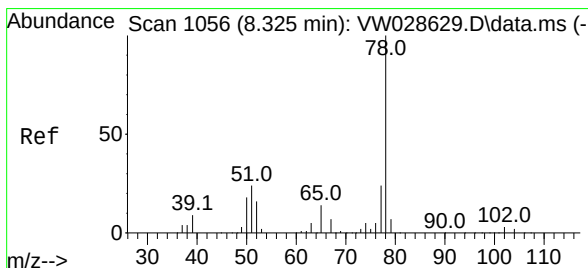
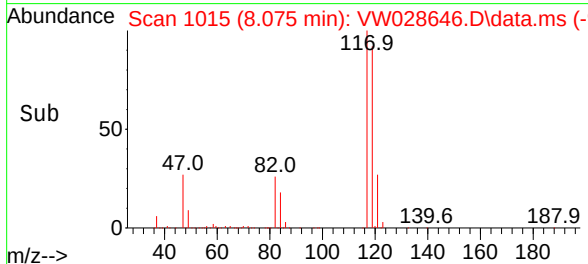
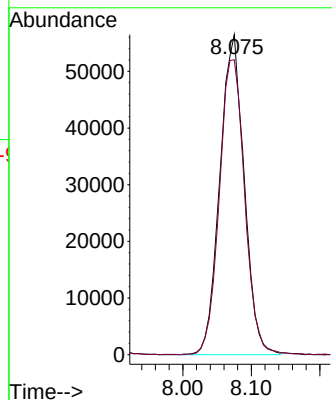
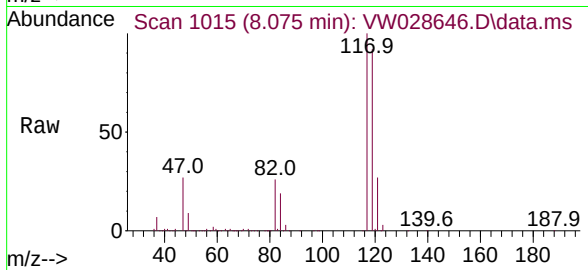
ClientSampleId :

Tgt Ion:117 Resp: 138957

Ion Ratio Lower Upper

117 100

119 95.9 77.2 115.8



#33

Benzene

Concen: 25.630 ug/L

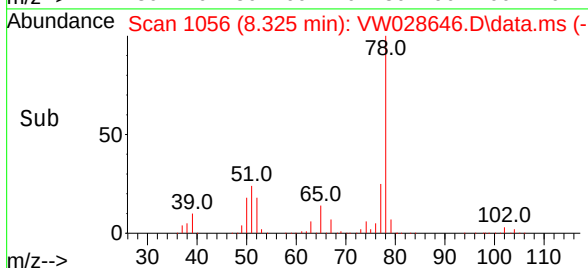
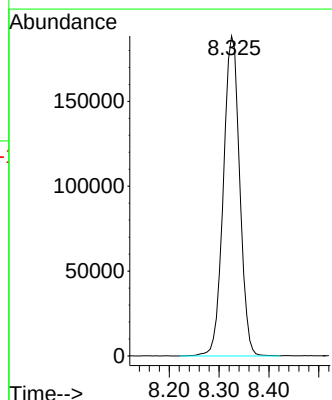
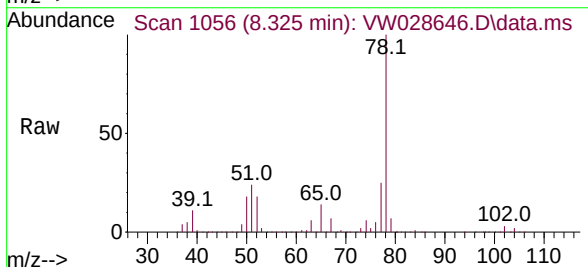
RT: 8.325 min Scan# 1056

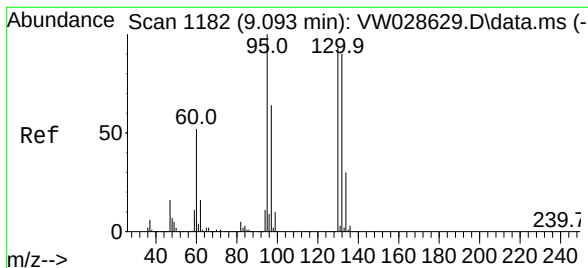
Delta R.T. -0.000 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

Tgt Ion: 78 Resp: 429102





#34

Trichloroethene

Concen: 25.090 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 112624

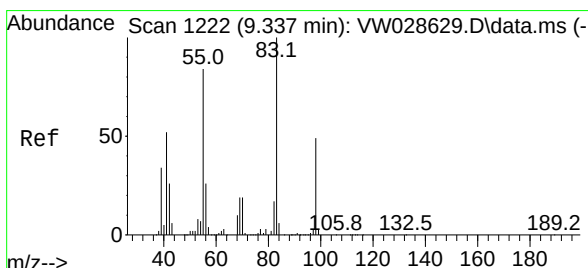
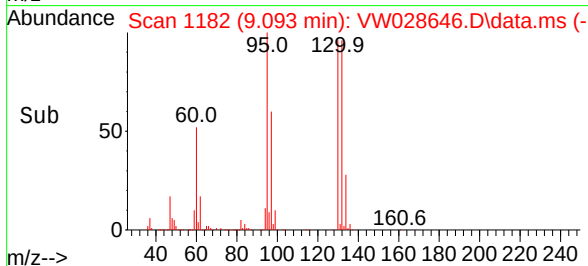
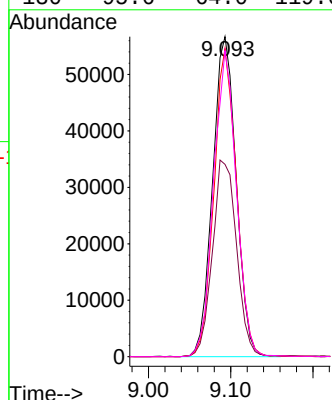
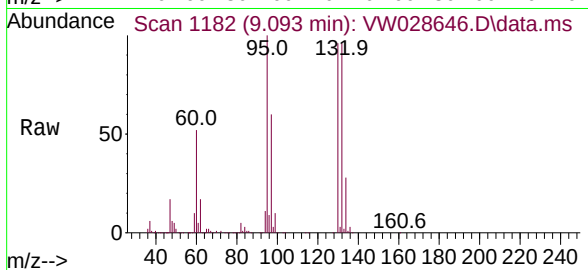
Ion Ratio Lower Upper

95 100

97 60.1 44.9 83.3

132 96.3 59.7 110.9

130 95.6 64.0 119.0



#35

Methylcyclohexane

Concen: 23.983 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

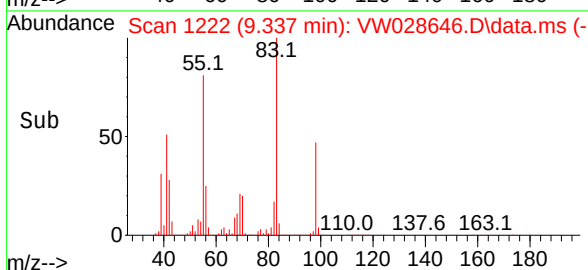
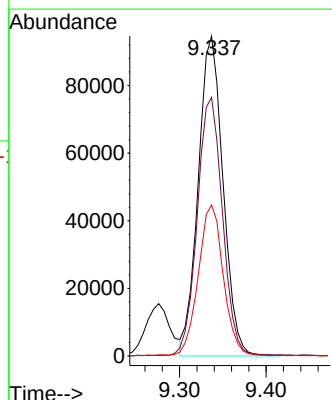
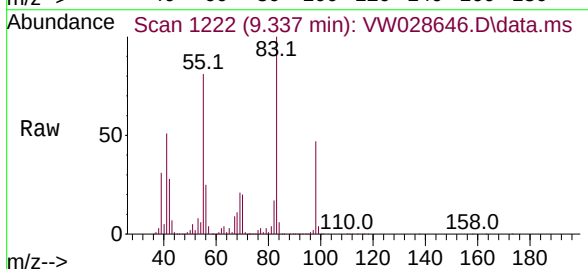
Tgt Ion: 83 Resp: 188131

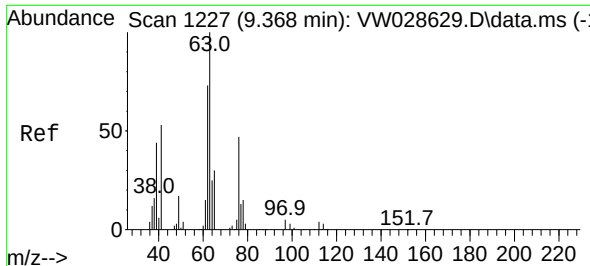
Ion Ratio Lower Upper

83 100

55 82.3 66.9 100.3

98 47.4 37.9 56.9





#37

1,2-Dichloropropane

Concen: 26.633 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

Instrument :

MSVOA_W

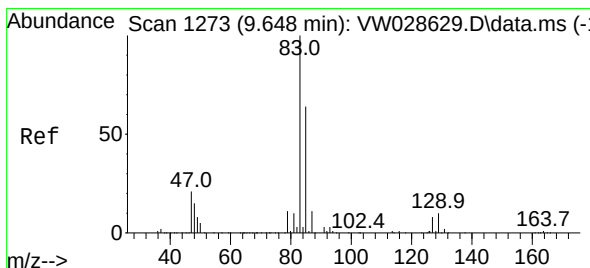
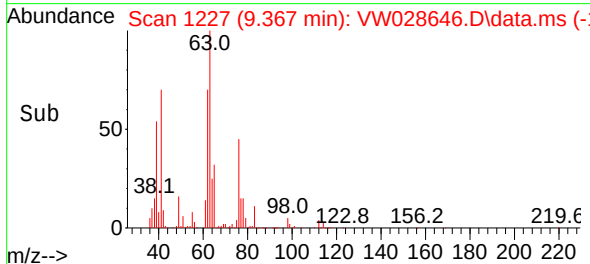
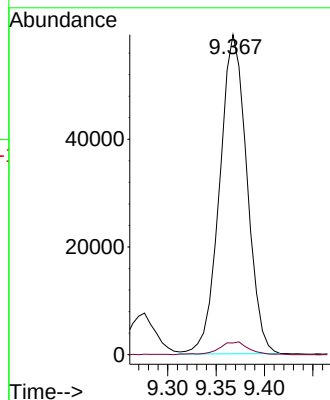
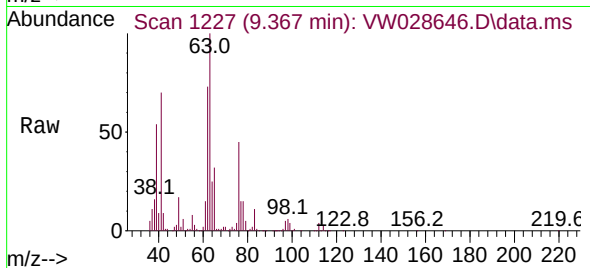
ClientSampleId :

Tgt Ion: 63 Resp: 116188

Ion Ratio Lower Upper

63 100

112 3.9 3.5 5.3



#38

Bromodichloromethane

Concen: 27.323 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

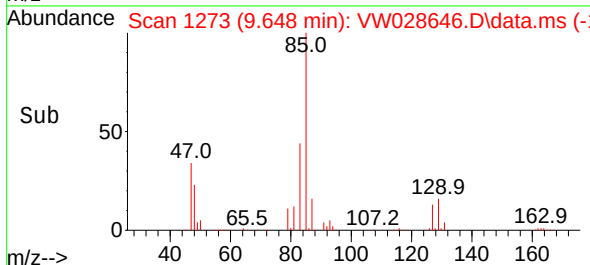
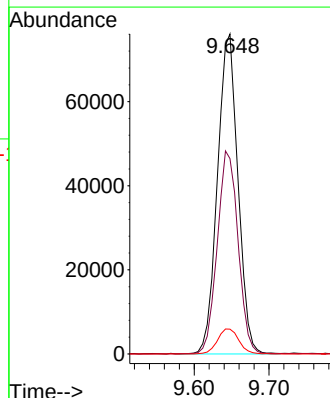
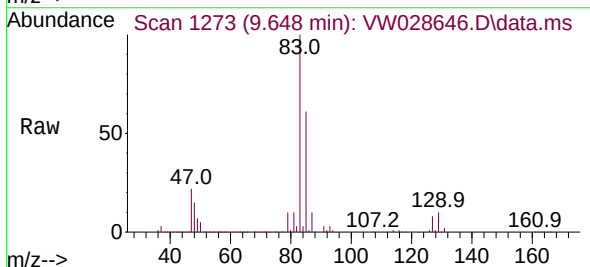
Tgt Ion: 83 Resp: 145302

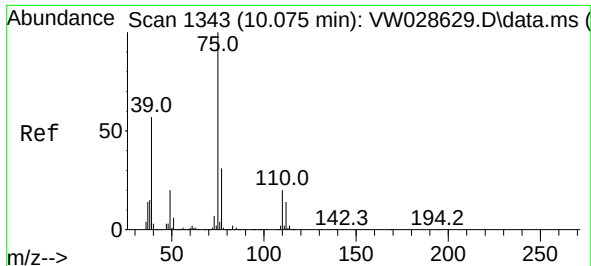
Ion Ratio Lower Upper

83 100

85 61.1 43.0 80.0

127 7.8 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 28.131 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

Instrument :

MSVOA_W

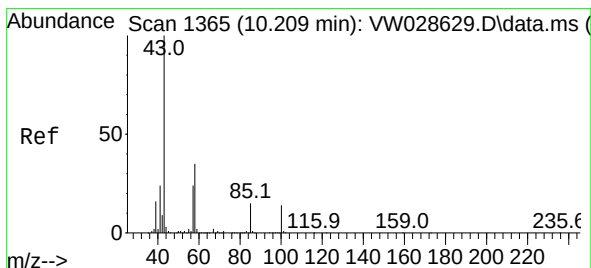
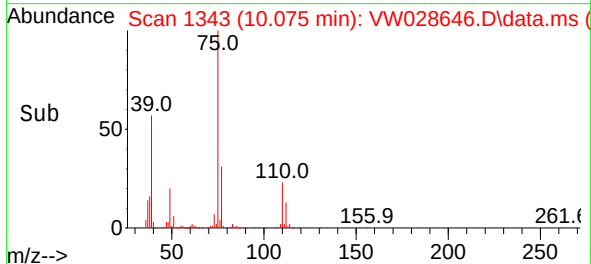
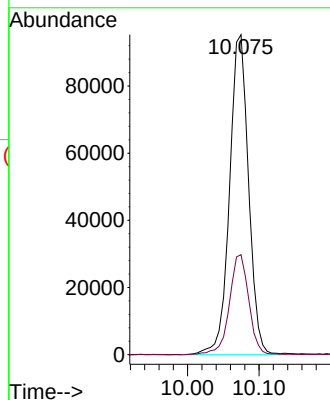
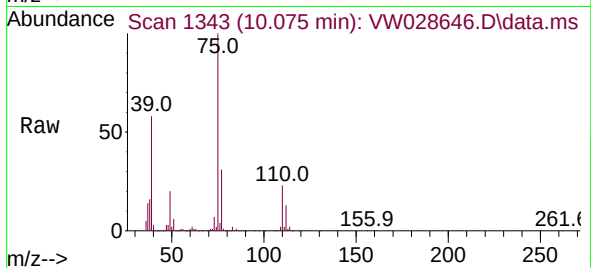
ClientSampleId :

Tgt Ion: 75 Resp: 175898

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 54.771 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

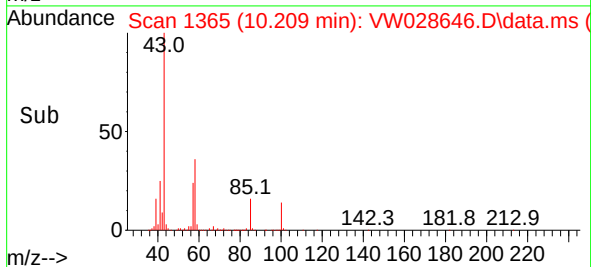
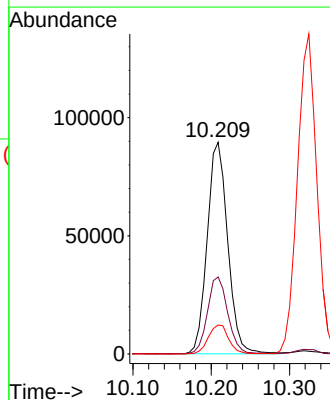
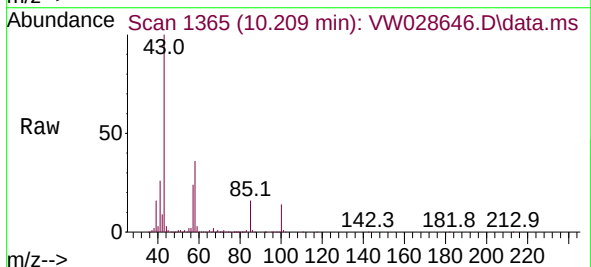
Tgt Ion: 43 Resp: 162622

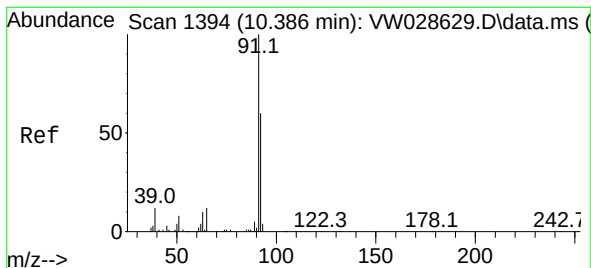
Ion Ratio Lower Upper

43 100

58 36.0 29.2 43.8

100 13.7 11.0 16.4





#42

Toluene

Concen: 26.170 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

Instrument :

MSVOA_W

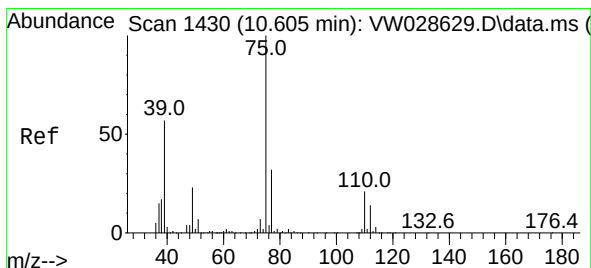
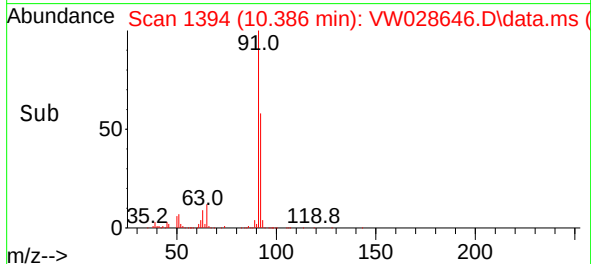
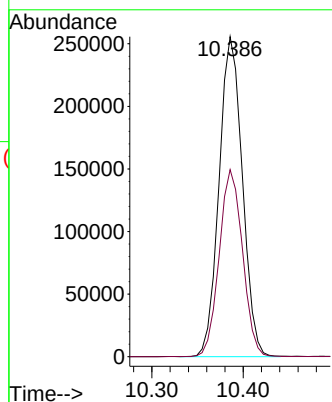
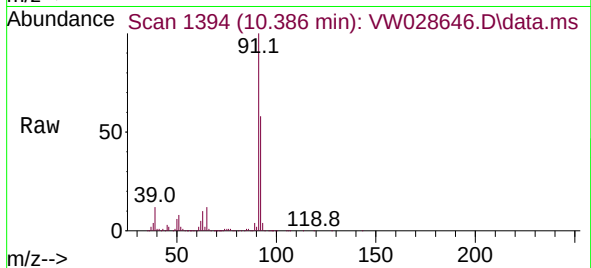
ClientSampleId :

Tgt Ion: 91 Resp: 452524

Ion Ratio Lower Upper

91 100

92 58.5 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 28.676 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028646.D

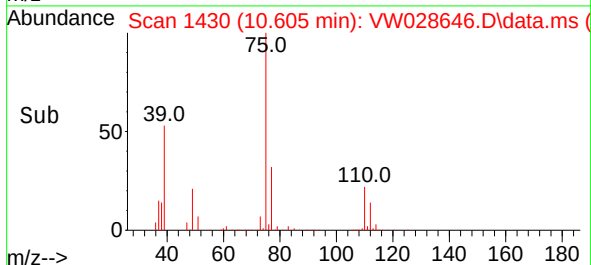
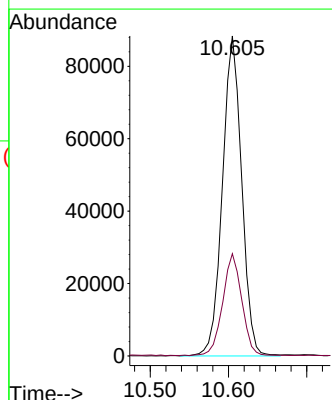
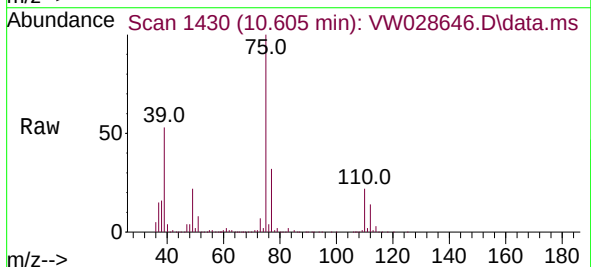
Acq: 17 May 2024 17:56

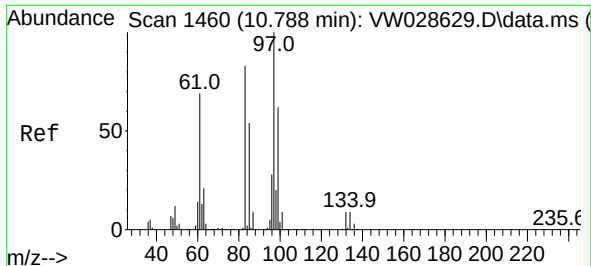
Tgt Ion: 75 Resp: 151180

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 27.304 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

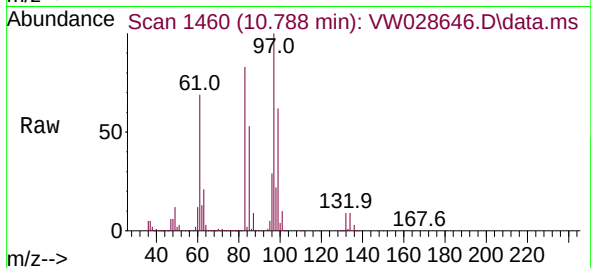
Lab File: VW028646.D

Acq: 17 May 2024 17:56

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 86289

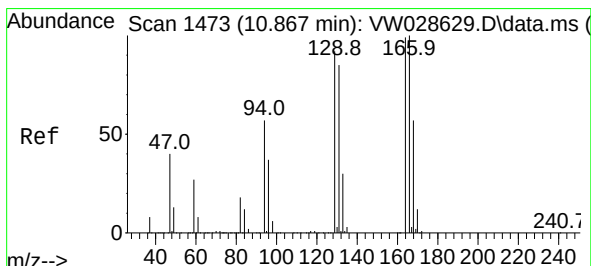
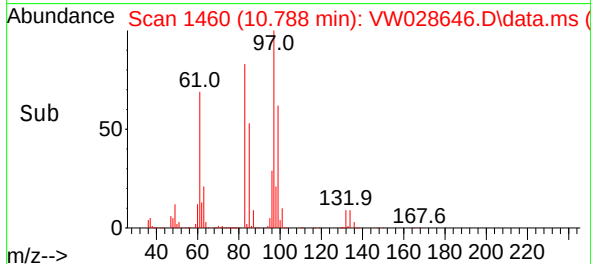
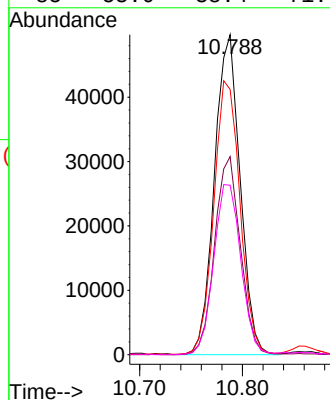
Ion Ratio Lower Upper

97 100

99 61.9 41.9 77.9

83 82.9 62.1 115.3

85 53.0 38.4 71.4



#46

Tetrachloroethene

Concen: 23.920 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

Tgt Ion:164 Resp: 77357

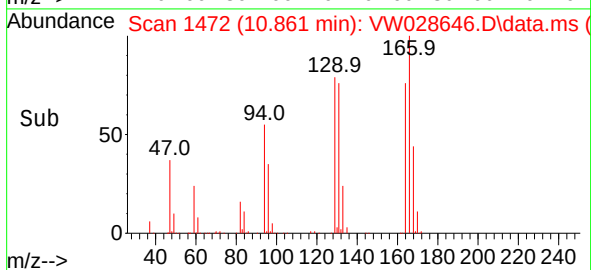
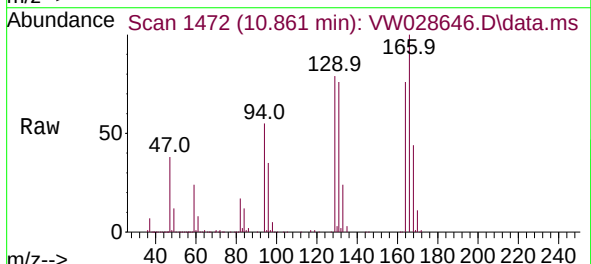
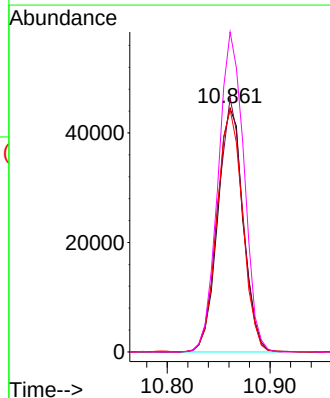
Ion Ratio Lower Upper

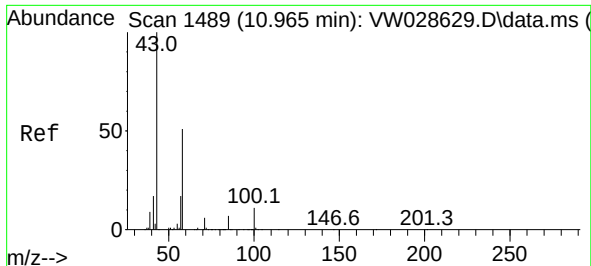
164 100

129 104.3 69.2 128.6

131 99.6 67.7 125.7

166 131.4 89.7 166.7

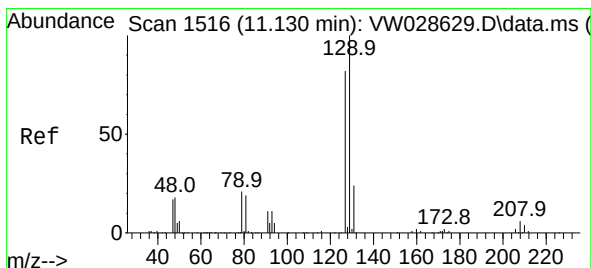
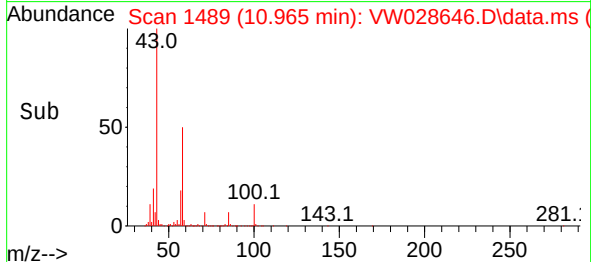
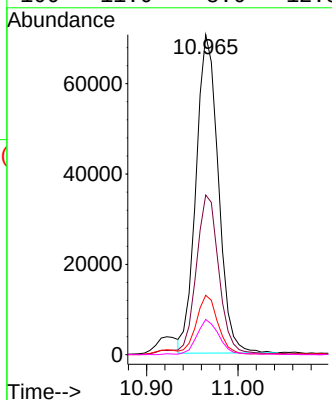
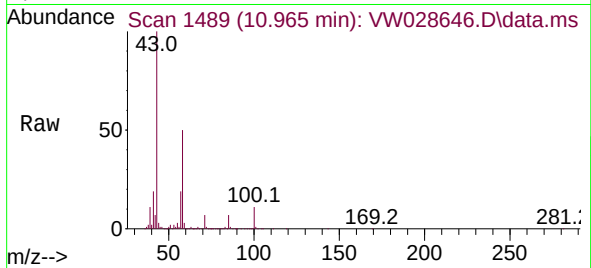




#48
2-Hexanone
Concen: 57.055 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028646.D
Acq: 17 May 2024 17:56

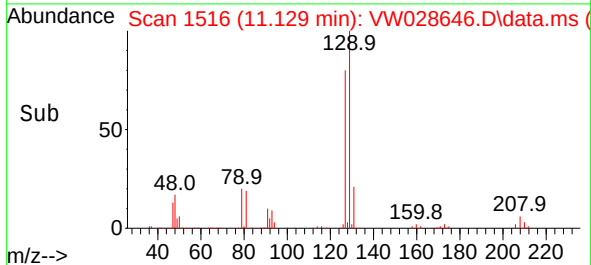
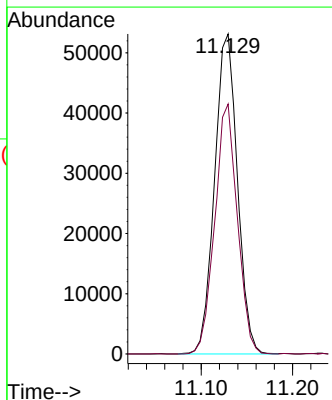
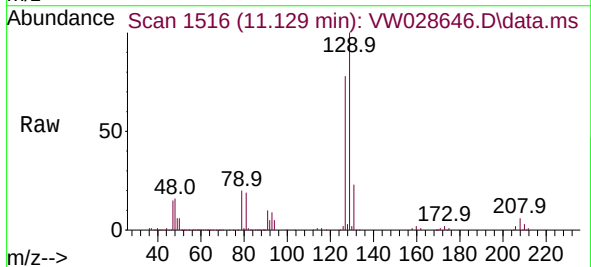
Instrument :
MSVOA_W
ClientSampleId :

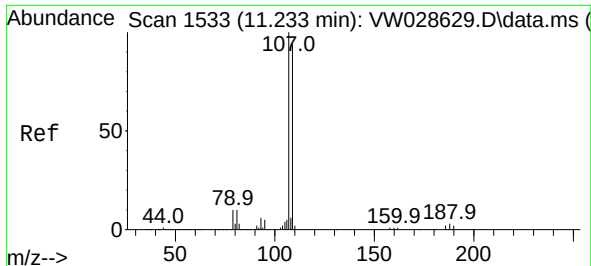
Tgt Ion: 43 Resp: 119598
Ion Ratio Lower Upper
43 100
58 50.0 41.0 61.4
57 18.2 14.8 22.2
100 11.0 8.6 12.8



#49
Dibromochloromethane
Concen: 29.110 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW028646.D
Acq: 17 May 2024 17:56

Tgt Ion:129 Resp: 92275
Ion Ratio Lower Upper
129 100
127 78.1 54.3 100.8





#50

1,2-Dibromoethane

Concen: 27.211 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028646.D

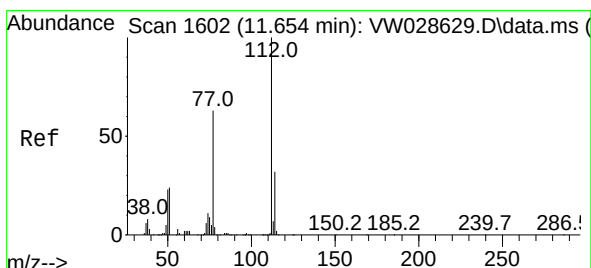
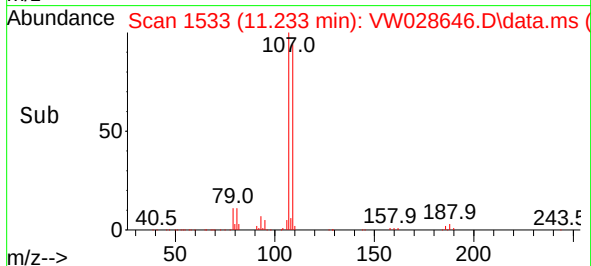
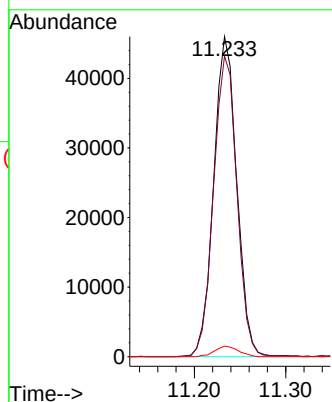
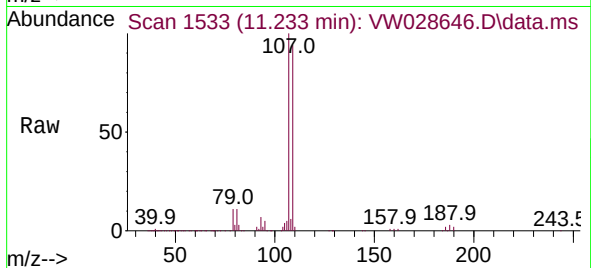
Acq: 17 May 2024 17:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	80553
Ion	Ratio	Lower	Upper
107	100		
109	93.9	64.2	119.2
188	3.3	3.1	4.7



#51

Chlorobenzene

Concen: 26.378 ug/L

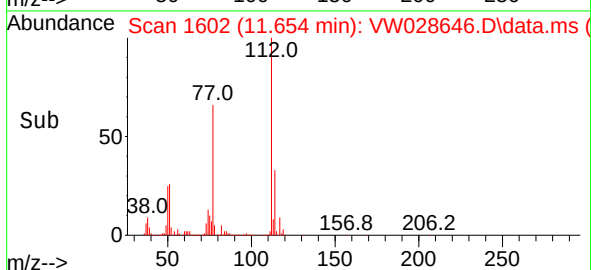
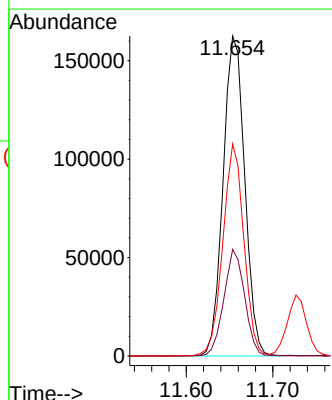
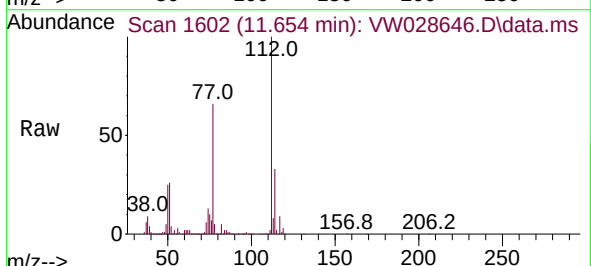
RT: 11.654 min Scan# 1602

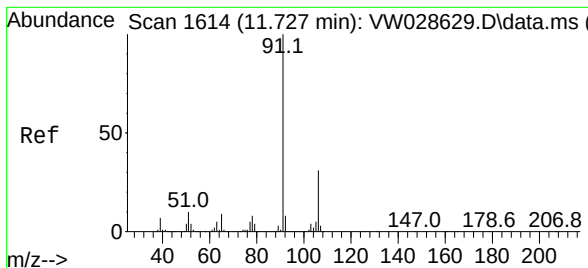
Delta R.T. -0.000 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

Tgt Ion:	112	Resp:	282148
Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.2	41.2
77	66.3	50.8	76.2





#52

Ethylbenzene

Concen: 26.718 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

Instrument :

MSVOA_W

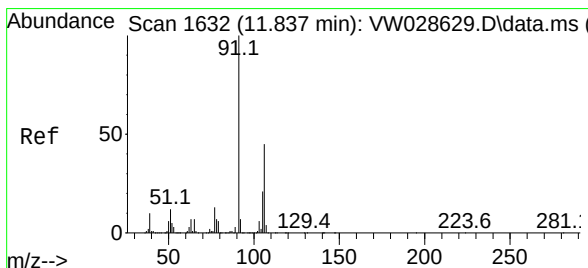
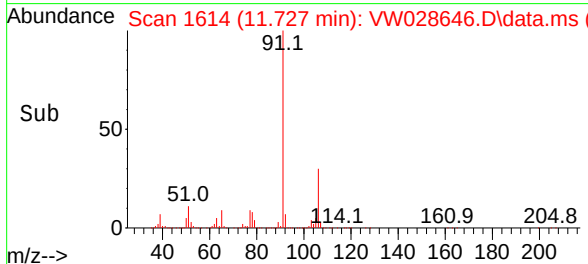
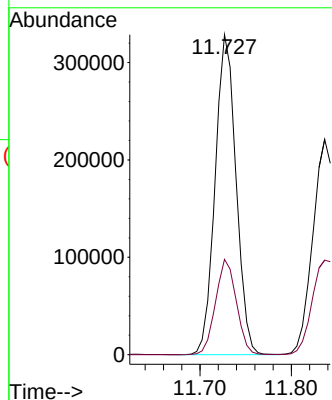
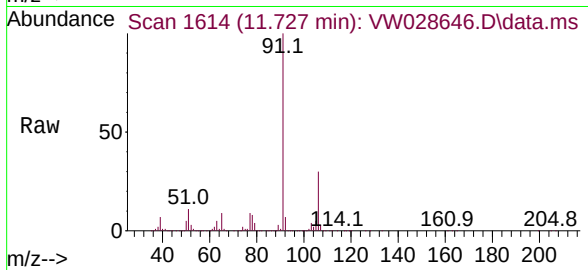
ClientSampleId :

Tgt Ion: 91 Resp: 522828

Ion Ratio Lower Upper

91 100

106 29.8 22.7 42.1



#53

m,p-Xylene

Concen: 26.737 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028646.D

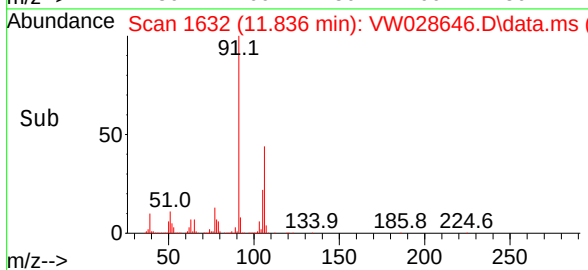
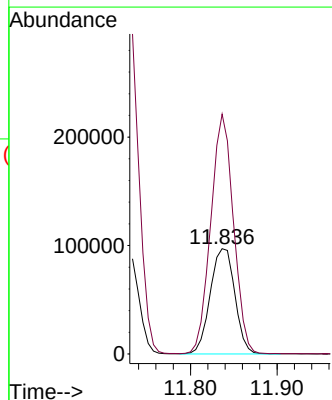
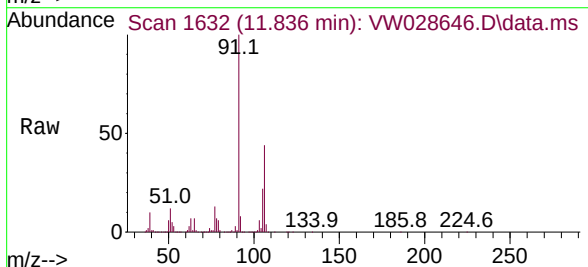
Acq: 17 May 2024 17:56

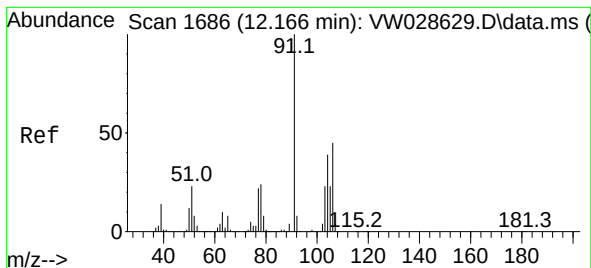
Tgt Ion:106 Resp: 191791

Ion Ratio Lower Upper

106 100

91 227.8 146.6 272.2

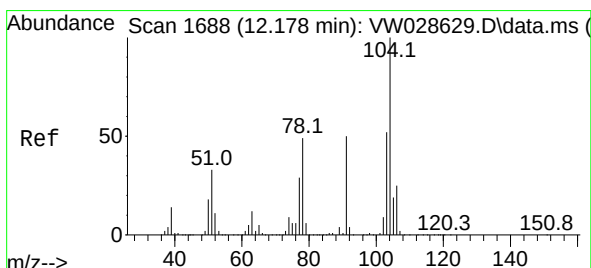
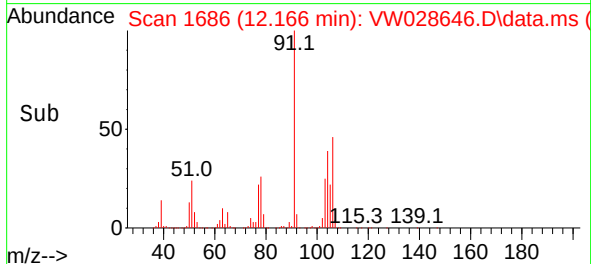
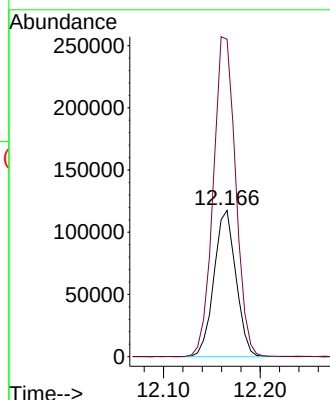
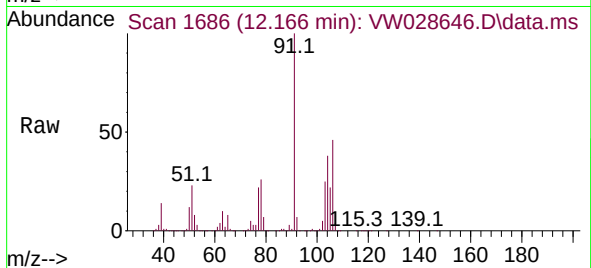




#54
o-Xylene
Concen: 27.960 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW028646.D
Acq: 17 May 2024 17:56

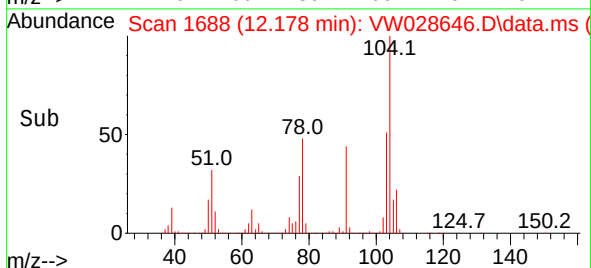
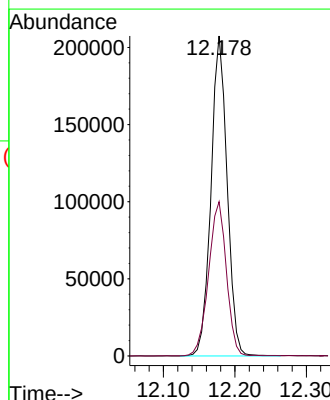
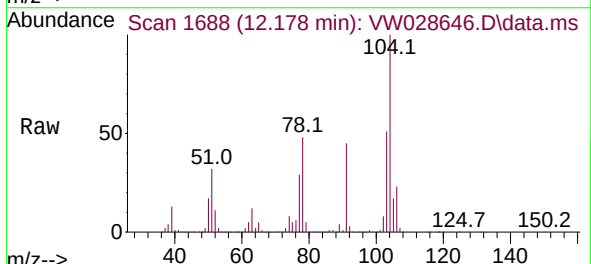
Instrument :
MSVOA_W
ClientSampleId :

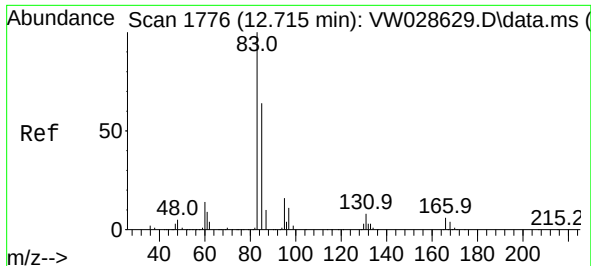
Tgt Ion:106 Resp: 185546
Ion Ratio Lower Upper
106 100
91 217.0 154.3 286.5



#55
Styrene
Concen: 28.908 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028646.D
Acq: 17 May 2024 17:56

Tgt Ion:104 Resp: 325054
Ion Ratio Lower Upper
104 100
78 48.2 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 27.491 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

Instrument :

MSVOA_W

ClientSampleId :

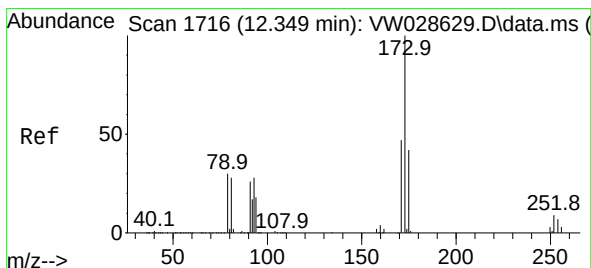
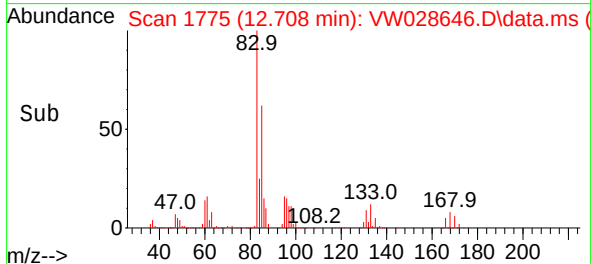
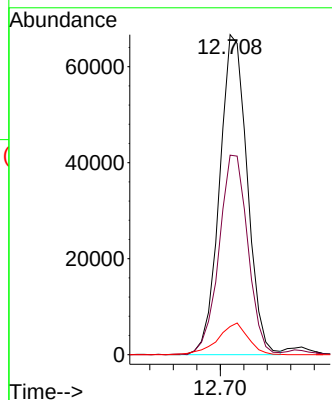
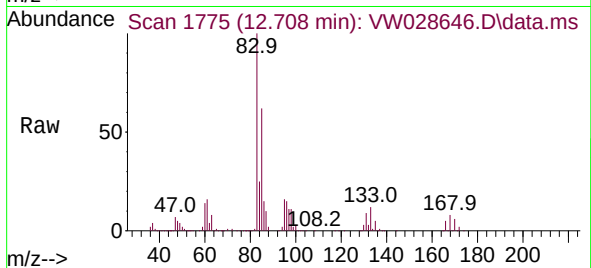
Tgt Ion: 83 Resp: 109000

Ion Ratio Lower Upper

83 100

85 62.4 45.6 84.6

131 8.8 7.3 10.9



#59

Bromoform

Concen: 27.167 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

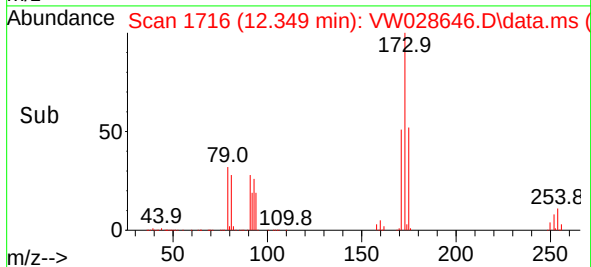
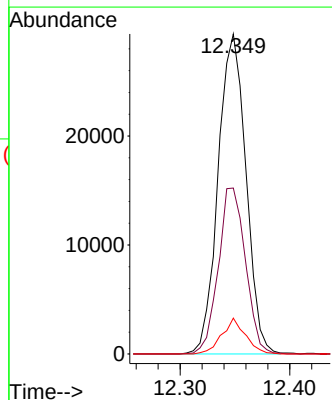
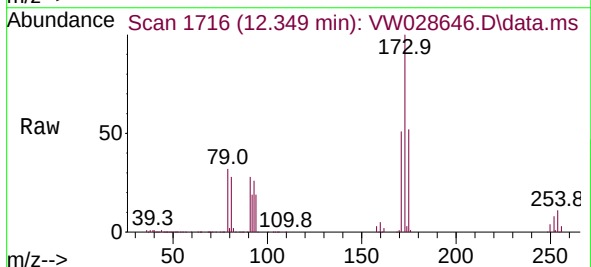
Tgt Ion:173 Resp: 51780

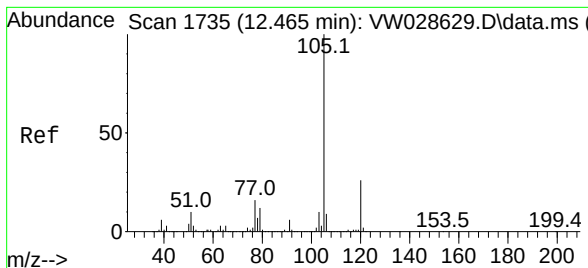
Ion Ratio Lower Upper

173 100

175 50.6 39.8 59.8

254 9.5 7.1 10.7





#60

Isopropylbenzene

Concen: 25.501 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

Instrument :

MSVOA_W

ClientSampleId :

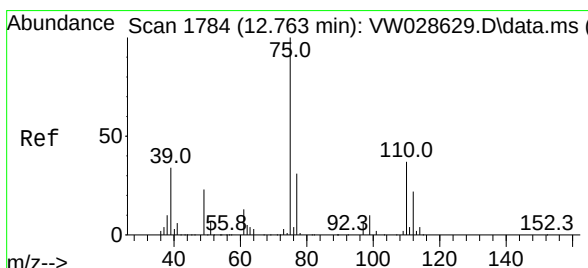
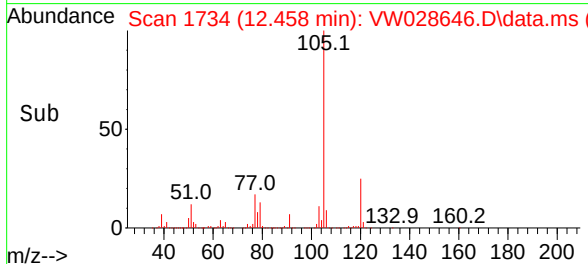
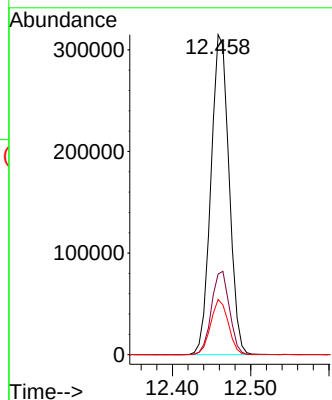
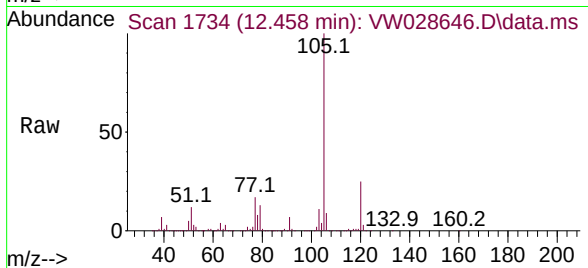
Tgt Ion:105 Resp: 505434

Ion Ratio Lower Upper

105 100

120 25.9 20.5 30.7

77 16.8 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 25.734 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

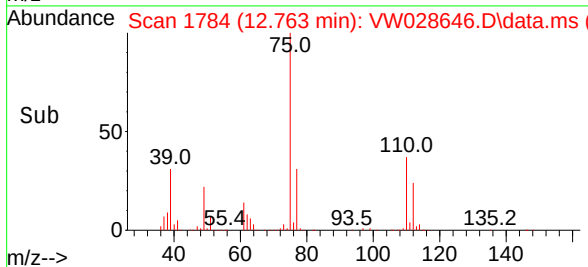
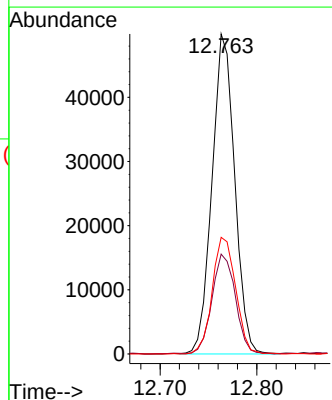
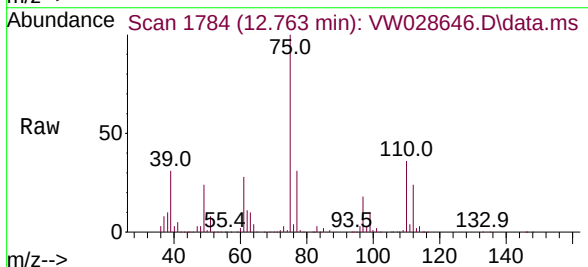
Tgt Ion: 75 Resp: 81249

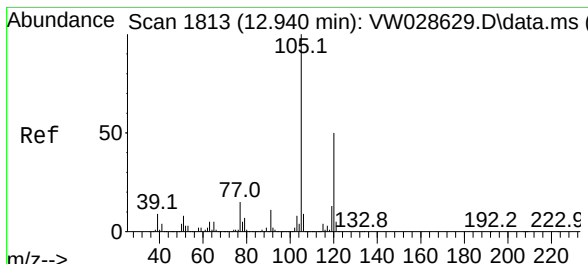
Ion Ratio Lower Upper

75 100

77 32.2 25.9 38.9

110 37.5 30.6 45.8

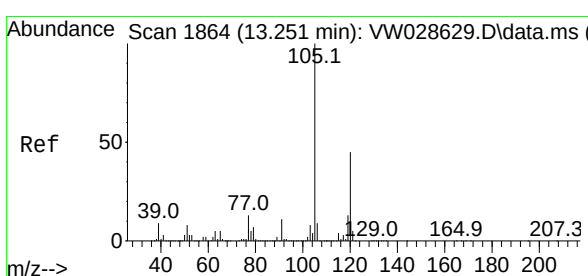
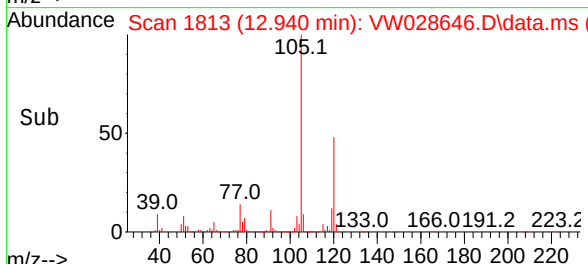
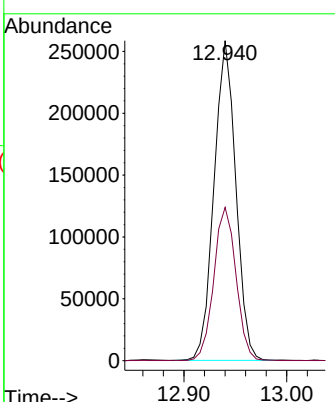
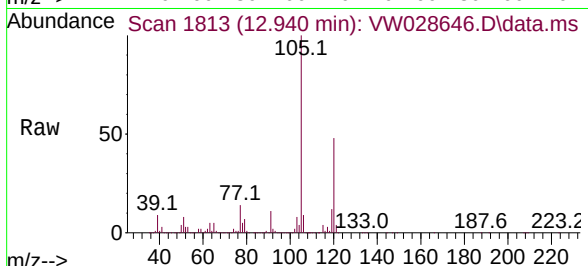




#62
 1,3,5-Trimethylbenzene
 Concen: 27.033 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW028646.D
 Acq: 17 May 2024 17:56

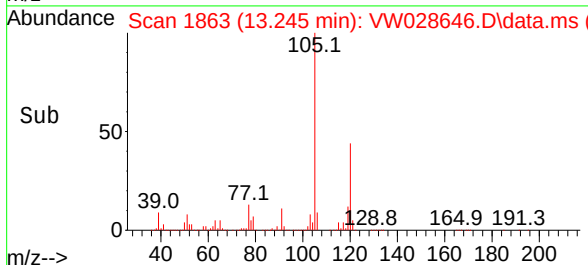
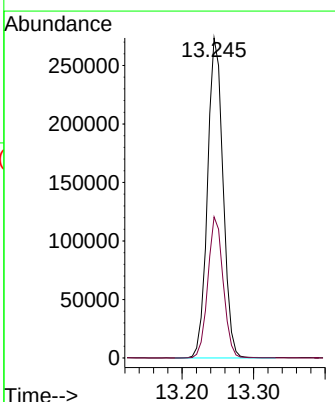
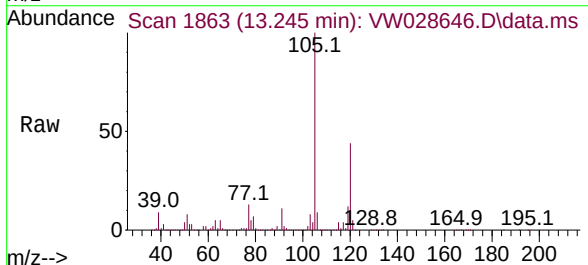
Instrument :
 MSVOA_W
 ClientSampleId :

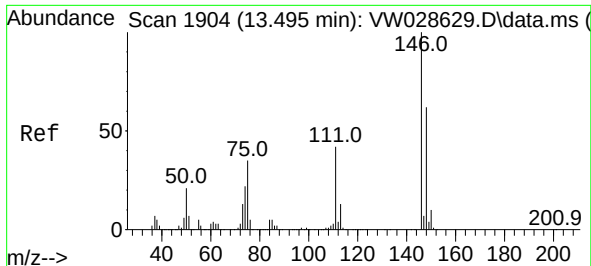
Tgt Ion:105 Resp: 379095
 Ion Ratio Lower Upper
 105 100
 120 49.0 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 27.240 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.006 min
 Lab File: VW028646.D
 Acq: 17 May 2024 17:56

Tgt Ion:105 Resp: 411592
 Ion Ratio Lower Upper
 105 100
 120 43.6 34.1 51.1

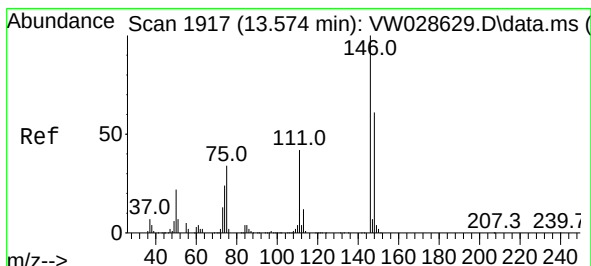
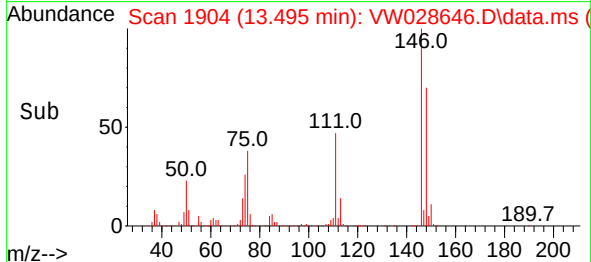
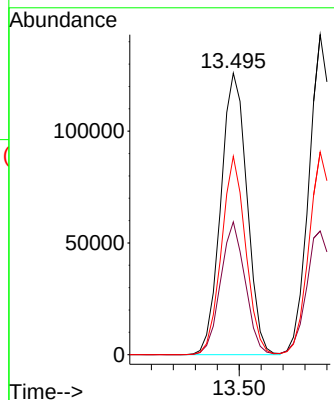
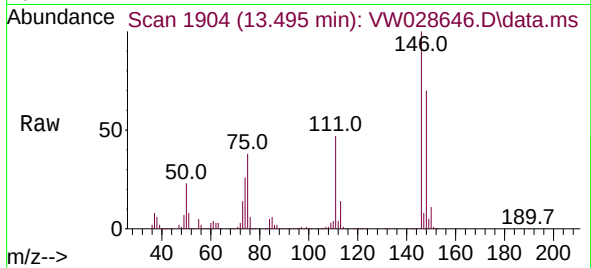




#64
1,3-Dichlorobenzene
Concen: 25.325 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028646.D
Acq: 17 May 2024 17:56

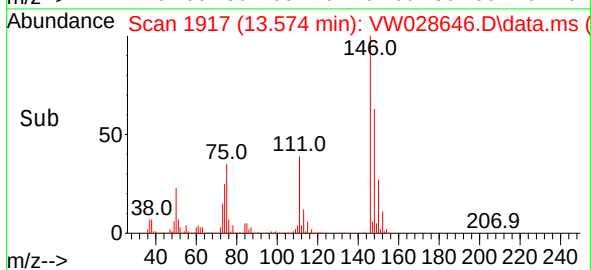
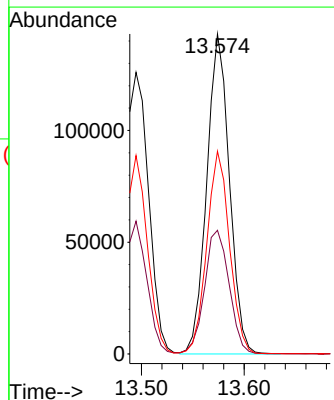
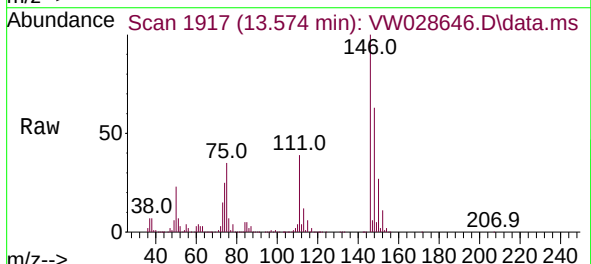
Instrument :
MSVOA_W
ClientSampleId :

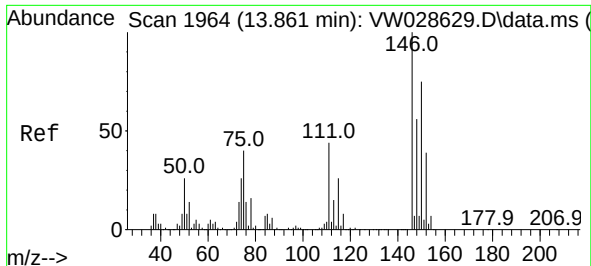
Tgt Ion:146 Resp: 208816
Ion Ratio Lower Upper
146 100
111 47.2 30.7 57.1
148 70.5 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 26.086 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028646.D
Acq: 17 May 2024 17:56

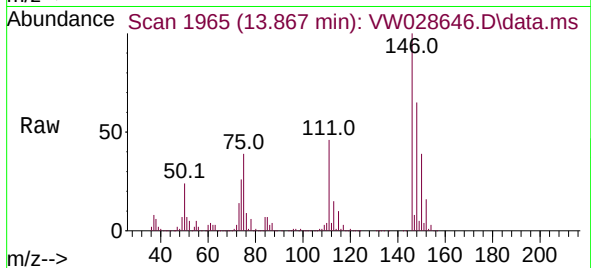
Tgt Ion:146 Resp: 219895
Ion Ratio Lower Upper
146 100
111 38.7 29.1 54.1
148 63.3 41.2 76.6



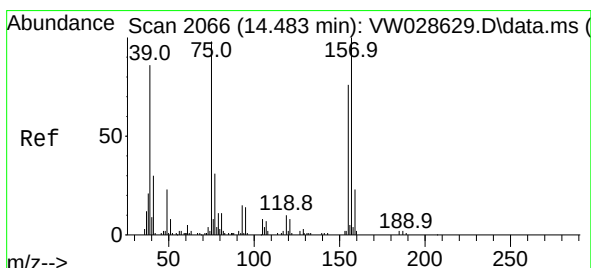
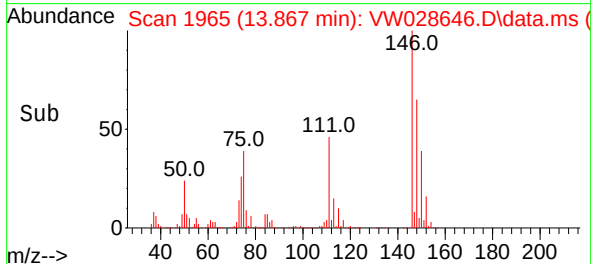
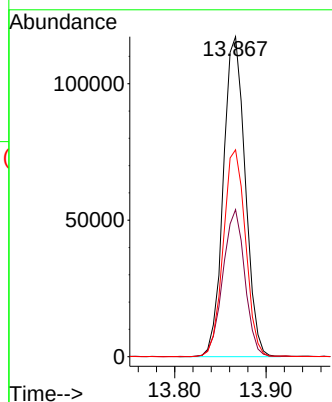


#67
1,2-Dichlorobenzene
Concen: 26.432 ug/L
RT: 13.867 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VW028646.D
Acq: 17 May 2024 17:56

Instrument :
MSVOA_W
ClientSampleId :

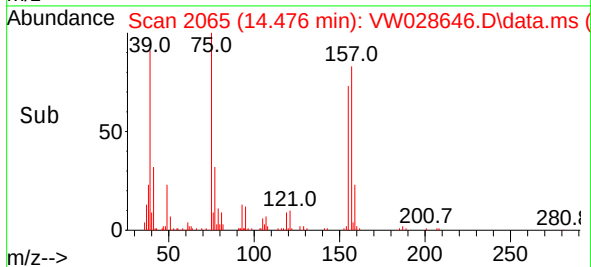
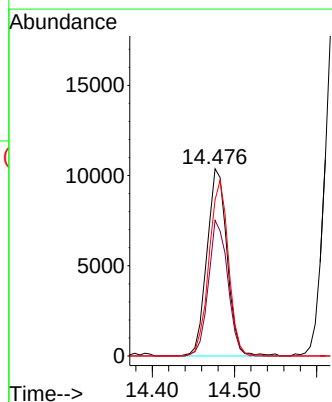
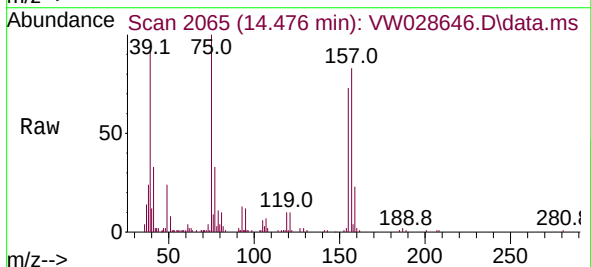


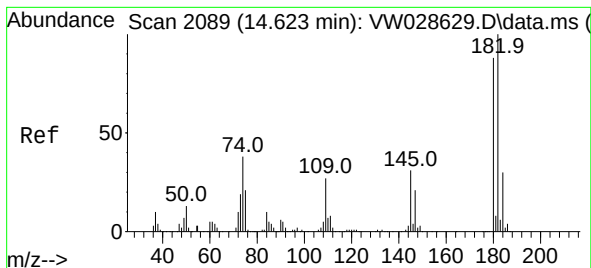
Tgt Ion:146 Resp: 195062
Ion Ratio Lower Upper
146 100
111 46.0 34.7 52.1
148 64.6 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 23.979 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW028646.D
Acq: 17 May 2024 17:56

Tgt Ion: 75 Resp: 17701
Ion Ratio Lower Upper
75 100
155 72.5 55.1 82.7
157 83.4 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 24.844 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

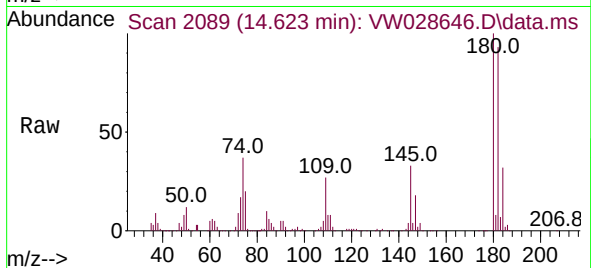
Lab File: VW028646.D

Acq: 17 May 2024 17:56

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 137460

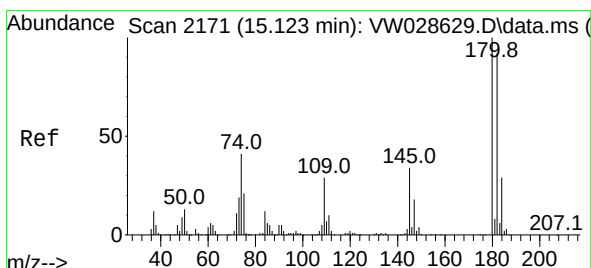
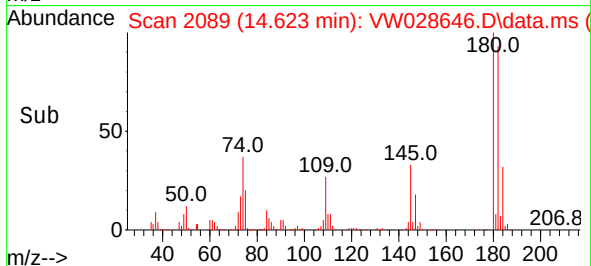
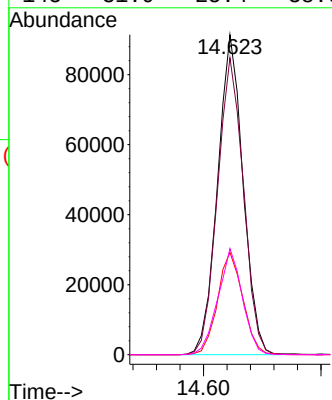
Ion Ratio Lower Upper

180 100

182 94.6 75.4 113.2

184 31.8 24.0 36.0

145 31.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 26.928 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028646.D

Acq: 17 May 2024 17:56

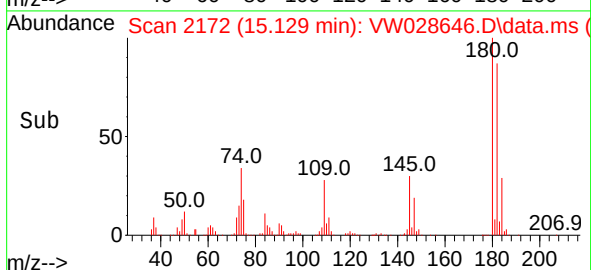
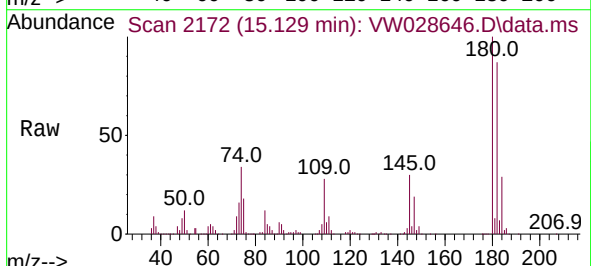
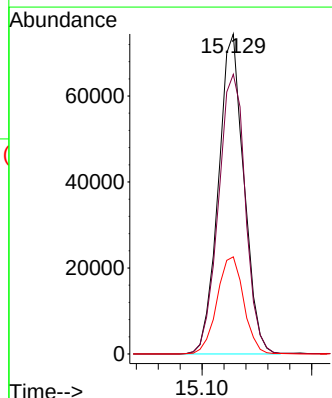
Tgt Ion:180 Resp: 120385

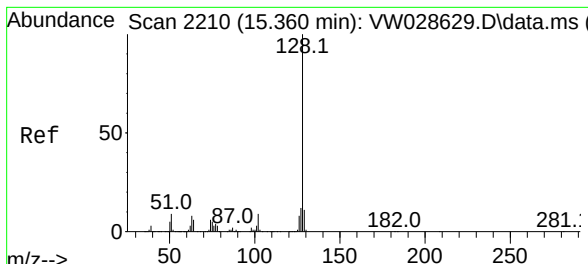
Ion Ratio Lower Upper

180 100

182 92.3 77.2 115.8

145 31.8 26.6 39.8



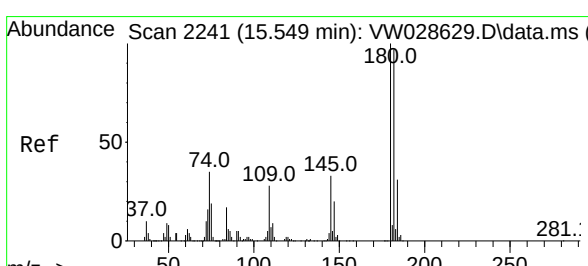
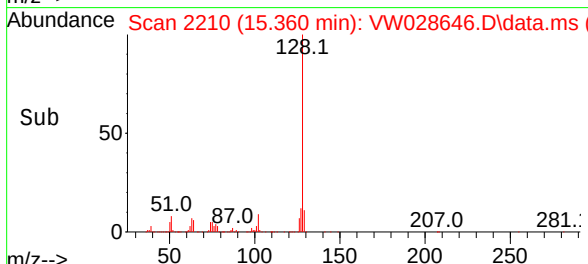
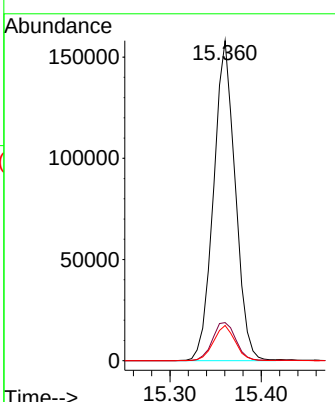
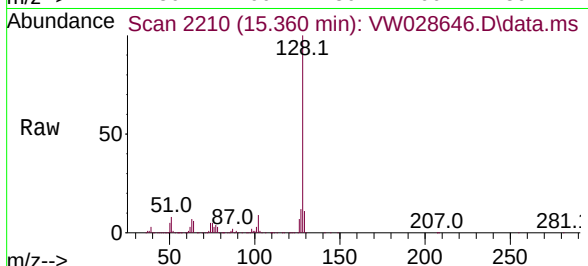


#71
Naphthalene
Concen: 27.336 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW028646.D
Acq: 17 May 2024 17:56

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 260373

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.1	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 27.226 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW028646.D
Acq: 17 May 2024 17:56

Tgt Ion:180 Resp: 109832

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.1	114.1
145	32.4	28.3	42.5

