

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040824\
 Data File : VW028349.D
 Acq On : 08 Apr 2024 10:34
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 09 01:11:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 09 01:10:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	296389	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	268382	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	130988	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	12548	2.641	ug/L	0.00
7) Chloroethane-d5	2.899	69	9224	2.562	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	5461	2.714	ug/L	0.00
21) 2-Butanone-d5	7.020	46	209	0.244	ug/L	-0.06
24) Chloroform-d	7.654	84	18211	2.355	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	8756	2.179	ug/L	0.00
32) Benzene-d6	8.276	84	34105	2.326	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	10375	2.381	ug/L	0.00
41) Toluene-d8	10.325	98	29909	2.243	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	3566	2.058	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	2120	3.646	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	6610	2.150	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	9007	2.174	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	10695	2.683	ug/L	91
3) Chloromethane	2.222	50	11867	2.536	ug/L	99
5) Vinyl chloride	2.375	62	15352	2.754	ug/L	97
6) Bromomethane	2.789	94	8866	2.546	ug/L	96
8) Chloroethane	2.936	64	9165	2.728	ug/L	96
9) Trichlorofluoromethane	3.271	101	10859	2.442	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.185	101	144	0.035	ug/L	93
12) 1,1-Dichloroethene	4.045	96	6225	1.595	ug/L	95
13) Acetone	4.118	43	2087	2.016	ug/L	81
14) Carbon disulfide	4.393	76	33187	2.566	ug/L	98
15) Methyl Acetate	4.624	43	269	0.153	ug/L	92
16) Methylene chloride	4.911	84	6313	1.412	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	10594	2.560	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	7698	1.326	ug/L #	52
19) 1,1-Dichloroethane	6.228	63	20855	2.582	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	10881	2.478	ug/L	92
22) 2-Butanone	7.270	43	190	0.150	ug/L	87
23) Bromochloromethane	7.520	128	5148	2.722	ug/L	98
25) Chloroform	7.679	83	20118	2.541	ug/L	93
27) 1,2-Dichloroethane	8.398	62	14380	2.631	ug/L	100
29) Cyclohexane	7.959	56	16955	2.392	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	17285	2.656	ug/L	99
31) Carbon tetrachloride	8.069	117	14802	2.564	ug/L	96
33) Benzene	8.325	78	43877	2.615	ug/L	100
34) Trichloroethene	9.093	95	12174	2.677	ug/L	98
35) Methylcyclohexane	9.337	83	19468	2.509	ug/L	97
37) 1,2-Dichloropropane	9.367	63	11600	2.652	ug/L #	95
38) Bromodichloromethane	9.648	83	13859	2.557	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	15147	2.358	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	9321	4.255	ug/L	92
42) Toluene	10.386	91	43834	2.466	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	11740	2.263	ug/L	99

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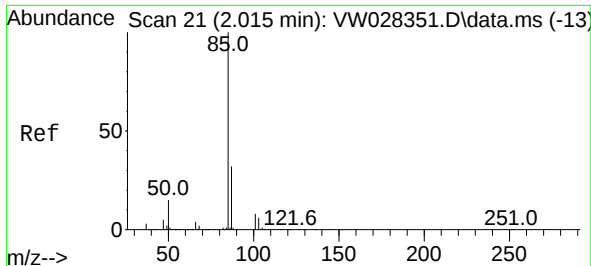
Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 09 01:11:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 09 01:10:48 2024
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	10.788	97	7831	2.647	ug/L	97
46) Tetrachloroethene	10.861	164	8928	2.628	ug/L	95
48) 2-Hexanone	10.971	43	6159	3.632	ug/L #	96
49) Dibromochloromethane	11.129	129	7656	2.421	ug/L	95
50) 1,2-Dibromoethane	11.239	107	6462	2.393	ug/L	93
51) Chlorobenzene	11.654	112	29322	2.654	ug/L	94
52) Ethylbenzene	11.727	91	49240	2.444	ug/L	98
53) m,p-Xylene	11.837	106	18201	2.429	ug/L	100
54) o-Xylene	12.166	106	16243	2.328	ug/L	94
55) Styrene	12.178	104	27384	2.306	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	8034	2.399	ug/L	94
59) Bromoform	12.349	173	4072	2.355	ug/L	94
60) Isopropylbenzene	12.458	105	46225	2.354	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	5742	2.398	ug/L	94
62) 1,3,5-Trimethylbenzene	12.940	105	27992	2.236	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	33160	2.201	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	20563	2.468	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	21812	2.573	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	18698	2.551	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	1593	2.903	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	14781	2.578	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	10248	2.289	ug/L #	82
71) Naphthalene	15.360	128	16290	2.056	ug/L #	93
72) 1,2,3-Trichlorobenzene	15.543	180	9795	2.465	ug/L	99

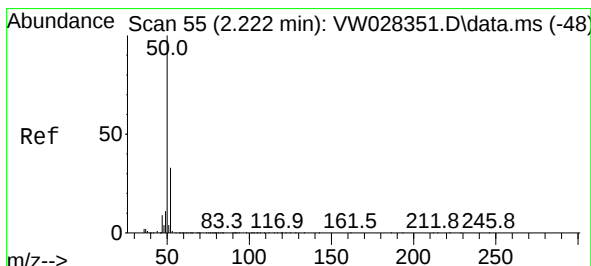
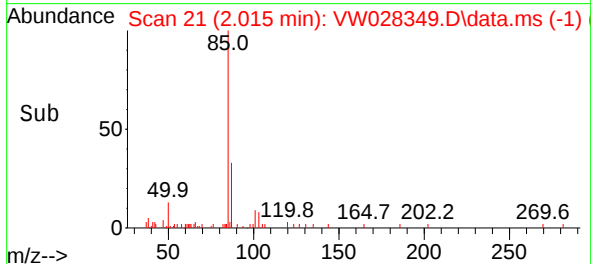
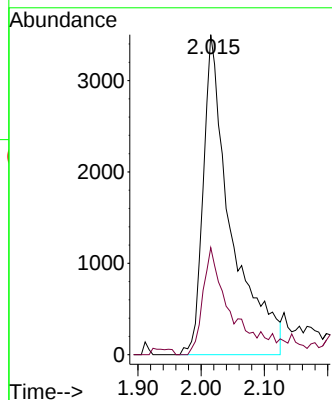
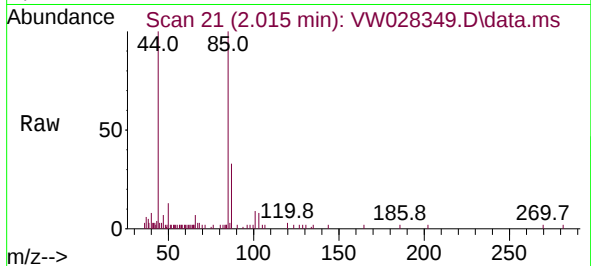
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 2.683 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028349.D
Acq: 08 Apr 2024 10:34

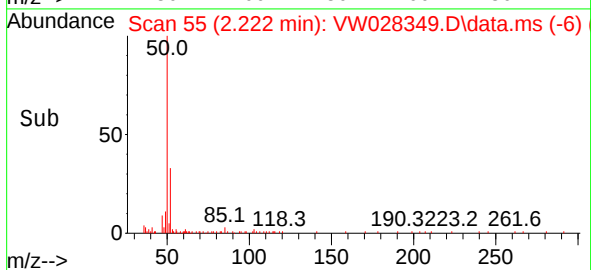
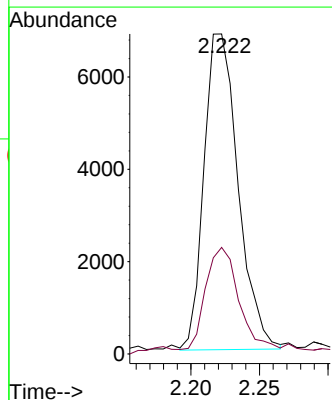
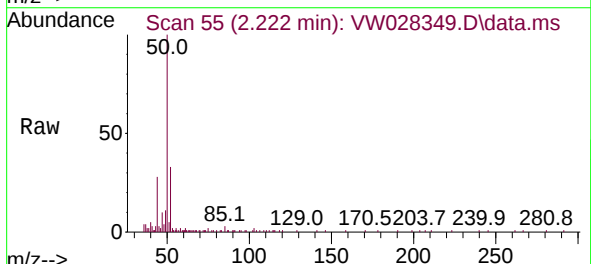
Instrument :
MSVOA_W
ClientSampleId :

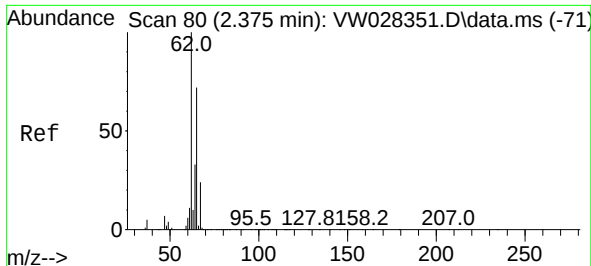
Tgt Ion: 85 Resp: 10695
Ion Ratio Lower Upper
85 100
87 24.5 23.4 35.0



#3
Chloromethane
Concen: 2.536 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW028349.D
Acq: 08 Apr 2024 10:34

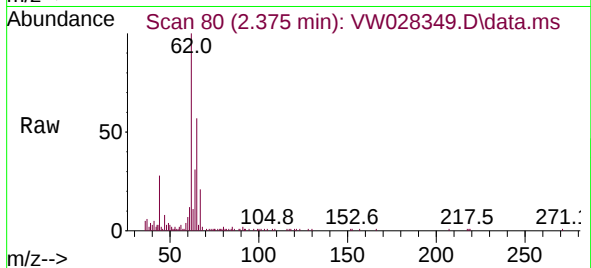
Tgt Ion: 50 Resp: 11867
Ion Ratio Lower Upper
50 100
52 33.3 23.0 42.6



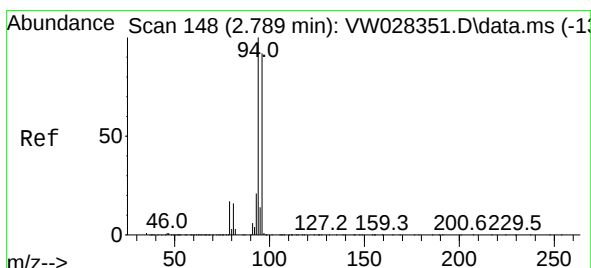
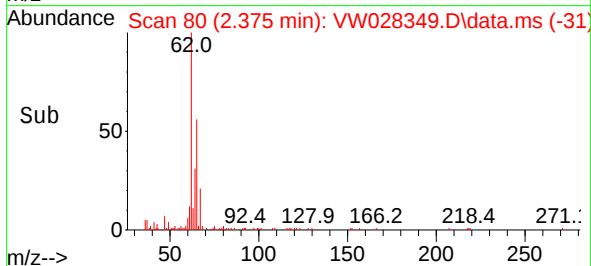
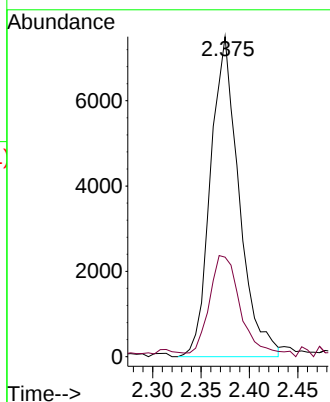


#5
 Vinyl chloride
 Concen: 2.754 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028349.D
 Acq: 08 Apr 2024 10:34

Instrument :
 MSVOA_W
 ClientSampleId :

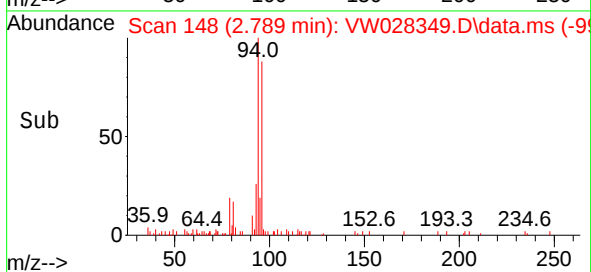
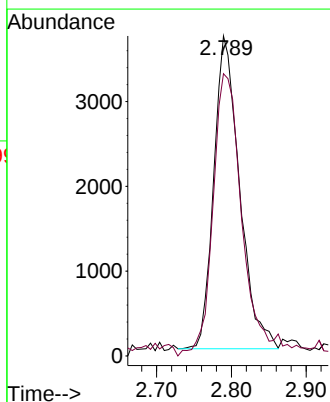
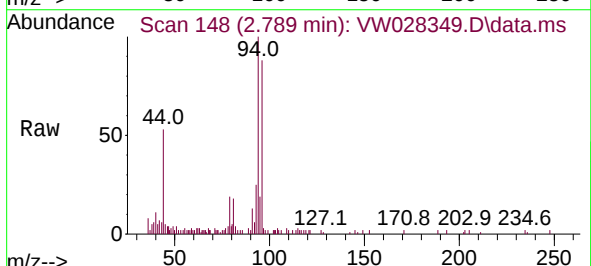


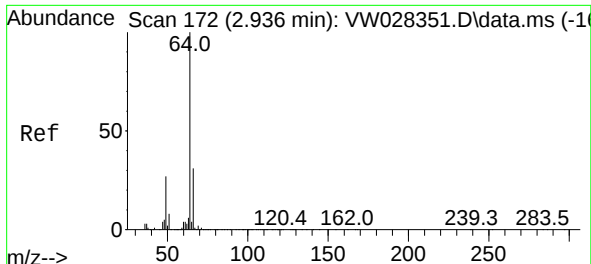
Tgt Ion: 62 Resp: 15352
 Ion Ratio Lower Upper
 62 100
 64 31.1 23.1 42.9



#6
 Bromomethane
 Concen: 2.546 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW028349.D
 Acq: 08 Apr 2024 10:34

Tgt Ion: 94 Resp: 8866
 Ion Ratio Lower Upper
 94 100
 96 88.2 64.3 119.5

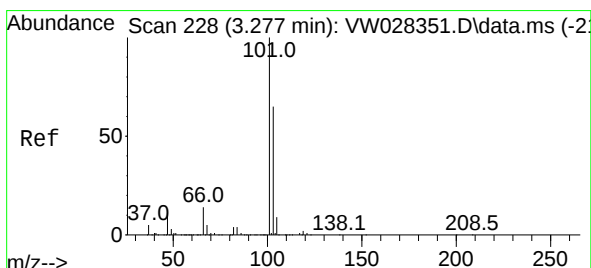
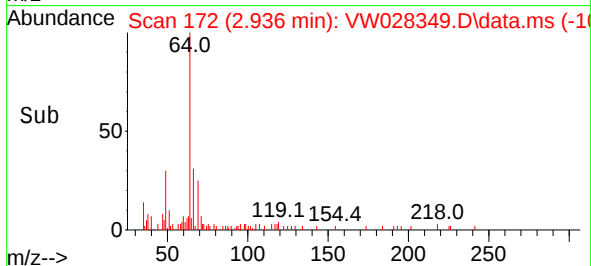
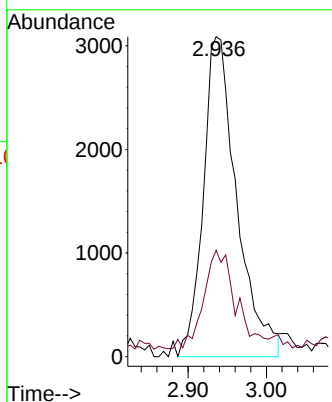
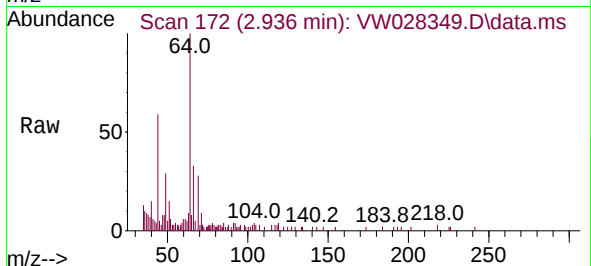




#8
Chloroethane
Concen: 2.728 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028349.D
Acq: 08 Apr 2024 10:34

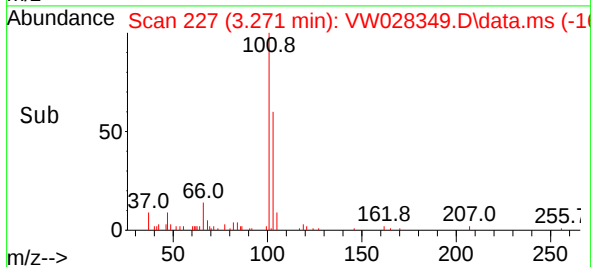
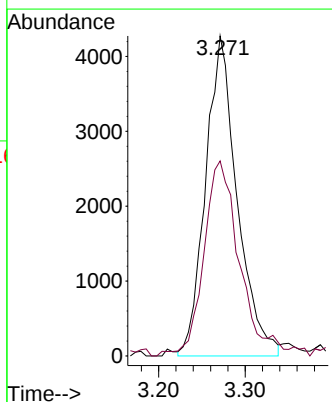
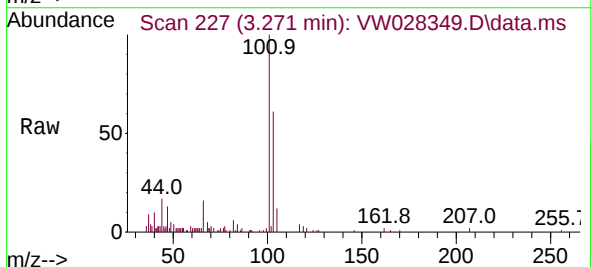
Instrument :
MSVOA_W
ClientSampleId :

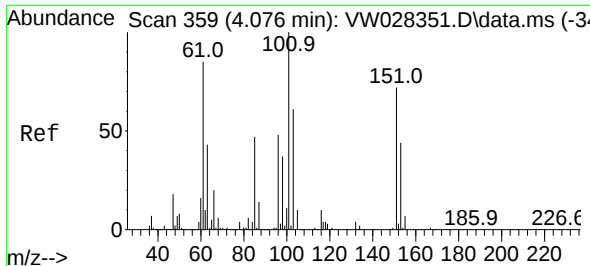
Tgt Ion: 64 Resp: 9165
Ion Ratio Lower Upper
64 100
66 33.2 21.7 40.3



#9
Trichlorofluoromethane
Concen: 2.442 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW028349.D
Acq: 08 Apr 2024 10:34

Tgt Ion: 101 Resp: 10859
Ion Ratio Lower Upper
101 100
103 63.1 52.0 78.0

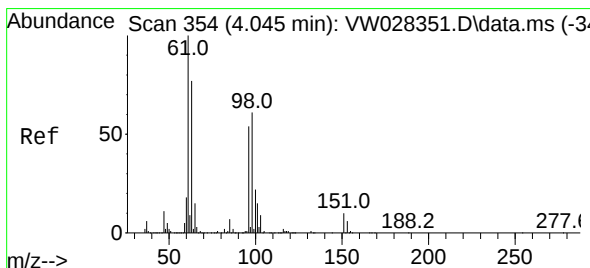
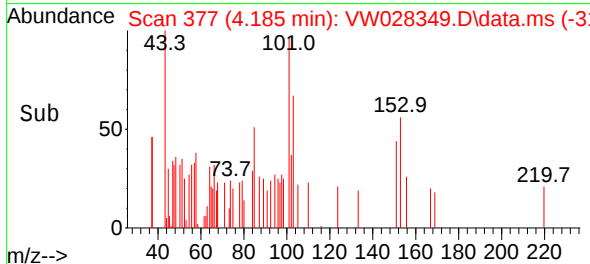
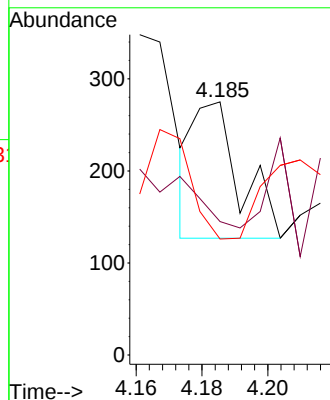
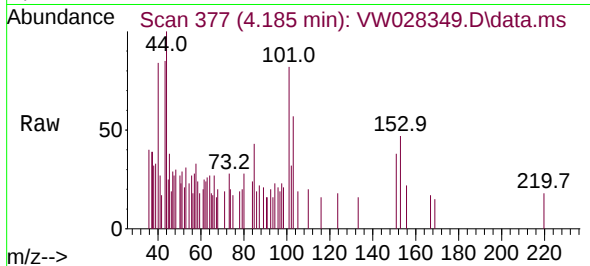




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.035 ug/L
 RT: 4.185 min Scan# 31
 Delta R.T. 0.110 min
 Lab File: VW028349.D
 Acq: 08 Apr 2024 10:34

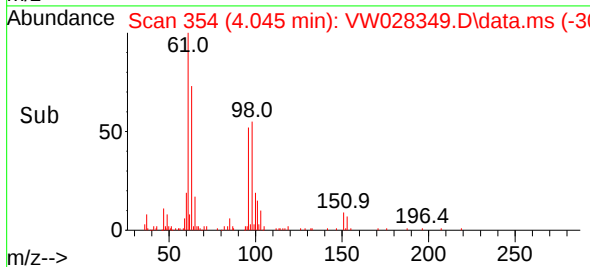
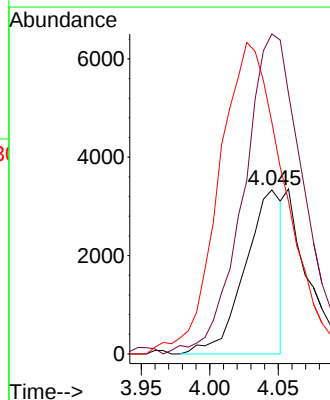
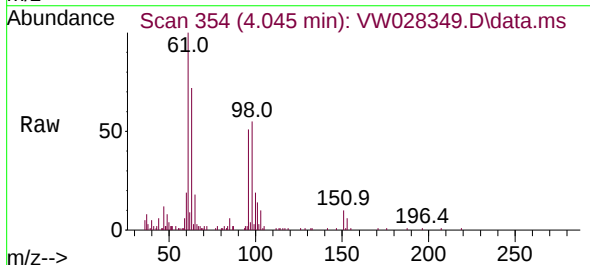
Instrument :
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 ClientSampleId :

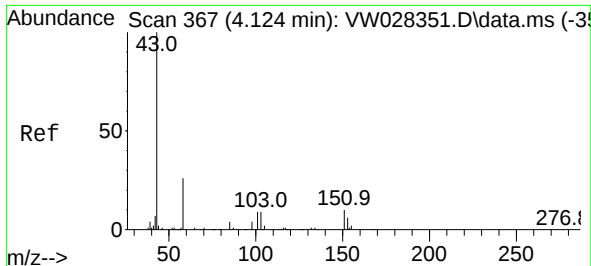
Tgt Ion:101 Resp: 144
 Ion Ratio Lower Upper
 101 100
 85 38.9 34.5 51.7
 151 65.3 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 1.595 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW028349.D
 Acq: 08 Apr 2024 10:34

Tgt Ion: 96 Resp: 6225
 Ion Ratio Lower Upper
 96 100
 61 195.1 130.5 242.5
 63 141.2 101.5 188.5

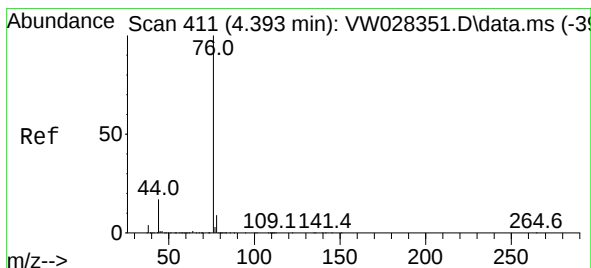
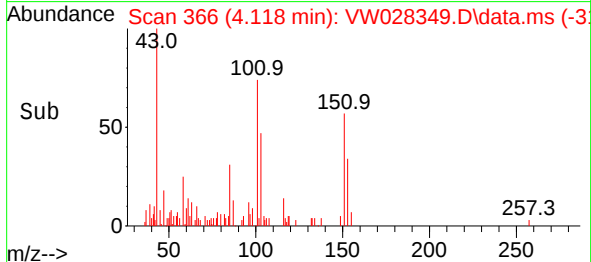
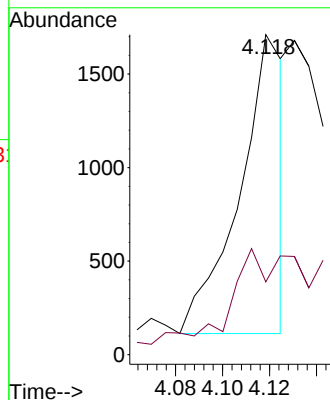
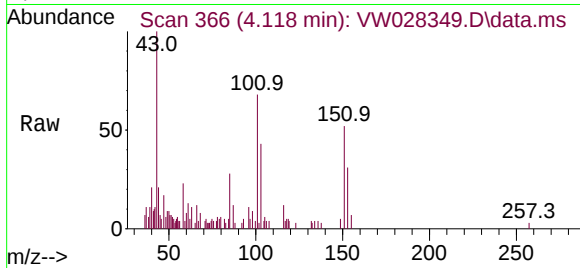




#13
Acetone
Concen: 2.016 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW028349.D
Acq: 08 Apr 2024 10:34

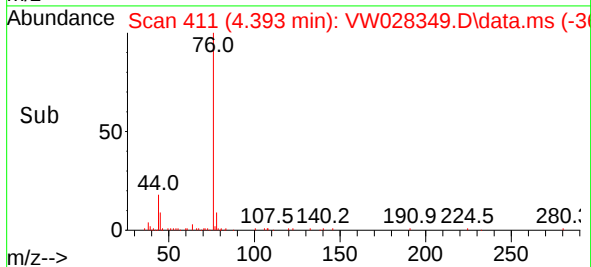
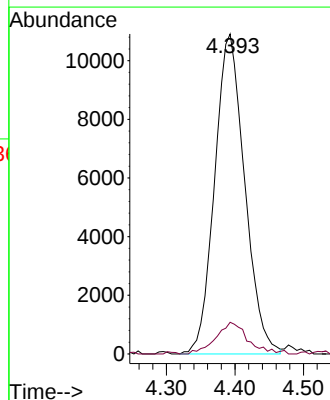
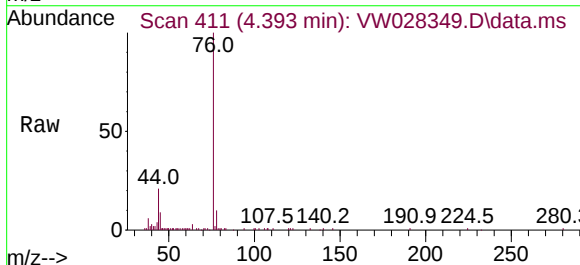
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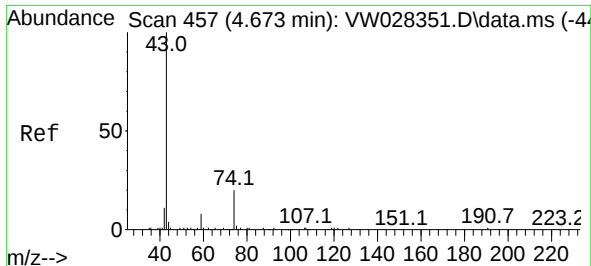
Tgt Ion: 43 Resp: 2087
Ion Ratio Lower Upper
43 100
58 17.2 0.0 53.4



#14
Carbon disulfide
Concen: 2.566 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028349.D
Acq: 08 Apr 2024 10:34

Tgt Ion: 76 Resp: 33187
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9





#15

Methyl Acetate

Concen: 0.153 ug/L

RT: 4.624 min Scan# 449

Delta R.T. -0.049 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

Instrument :

MSVOA_W

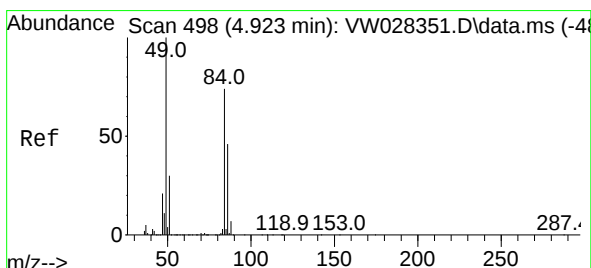
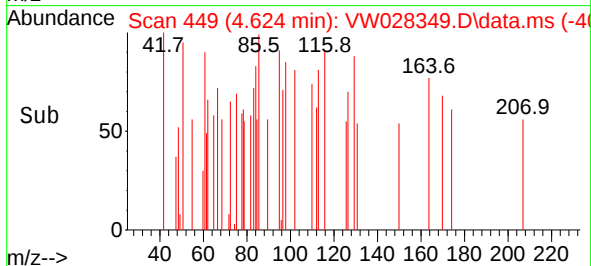
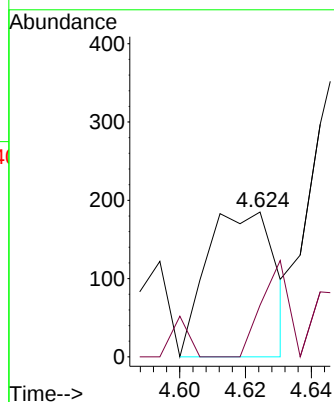
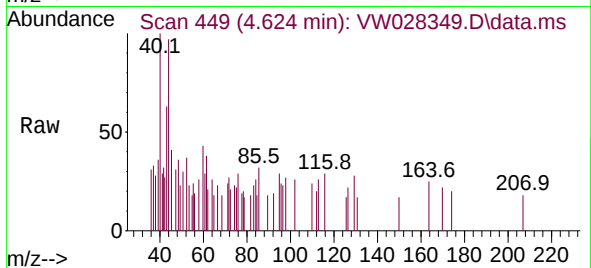
ClientSampleId :

Tgt Ion: 43 Resp: 269

Ion Ratio Lower Upper

43 100

74 25.7 17.4 26.0



#16

Methylene chloride

Concen: 1.412 ug/L

RT: 4.911 min Scan# 496

Delta R.T. -0.012 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

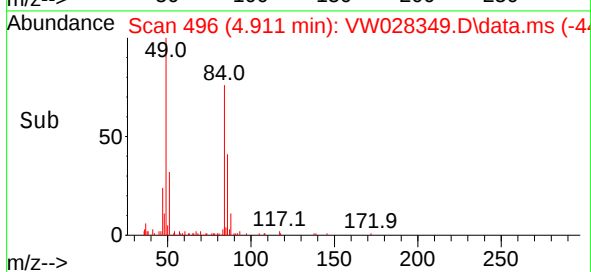
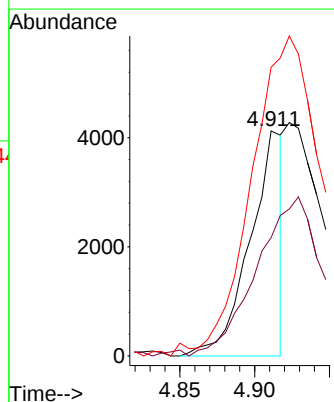
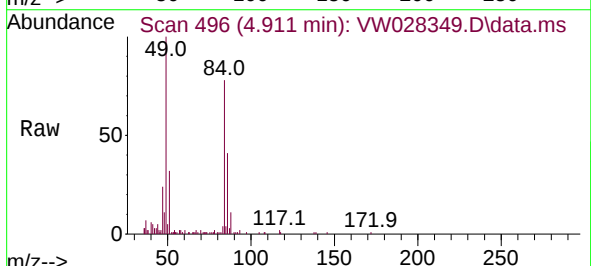
Tgt Ion: 84 Resp: 6313

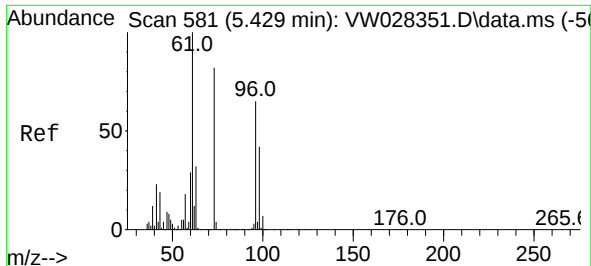
Ion Ratio Lower Upper

84 100

86 52.6 44.2 82.0

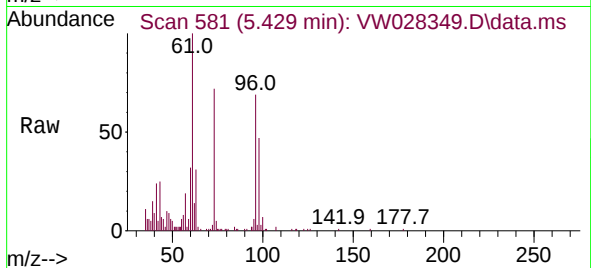
49 128.4 95.0 176.4





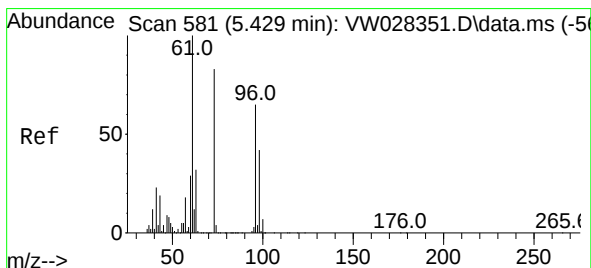
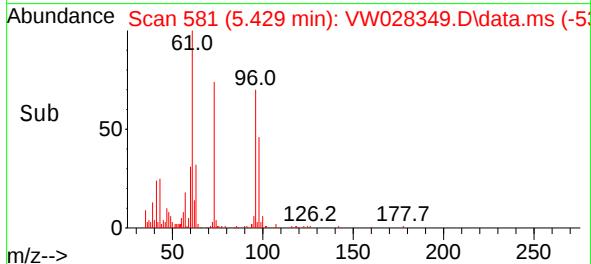
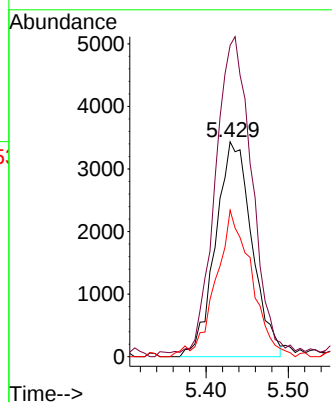
#17
trans-1,2-Dichloroethene
Concen: 2.560 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028349.D
Acq: 08 Apr 2024 10:34

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 10594

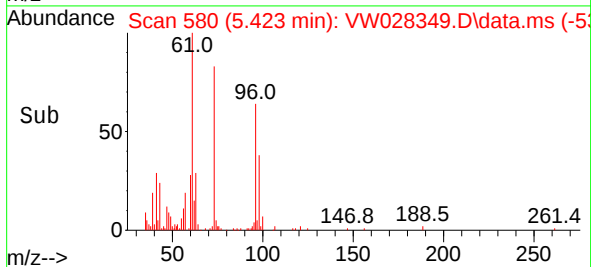
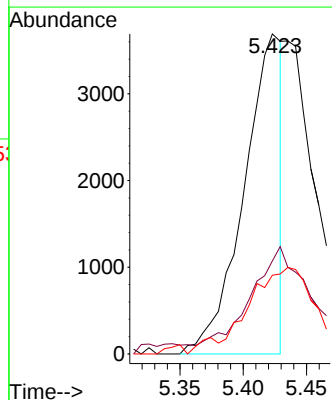
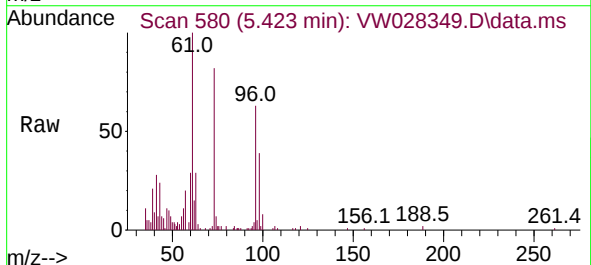
Ion	Ratio	Lower	Upper
96	100		
61	144.9	108.4	201.4
98	68.2	45.6	84.8

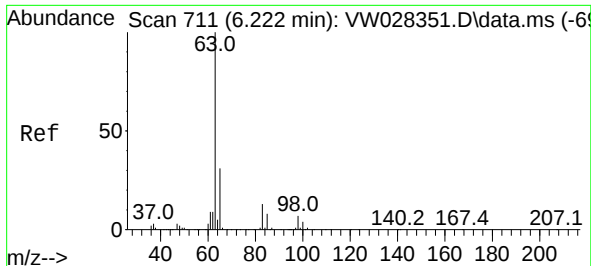


#18
Methyl tert-butyl Ether
Concen: 1.326 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW028349.D
Acq: 08 Apr 2024 10:34

Tgt Ion: 73 Resp: 7698

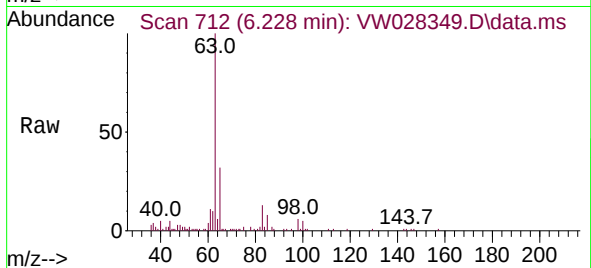
Ion	Ratio	Lower	Upper
73	100		
43	46.0	18.5	27.7#
57	46.2	18.2	27.4#



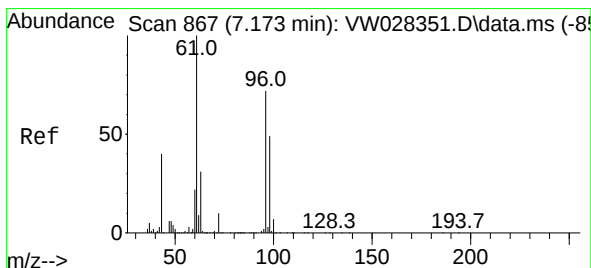
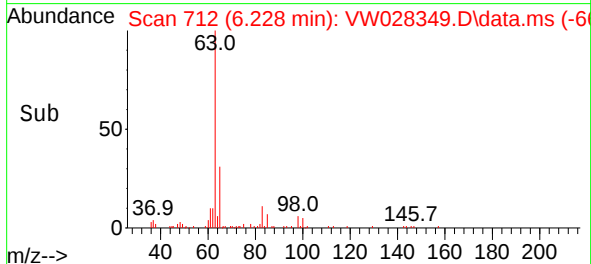
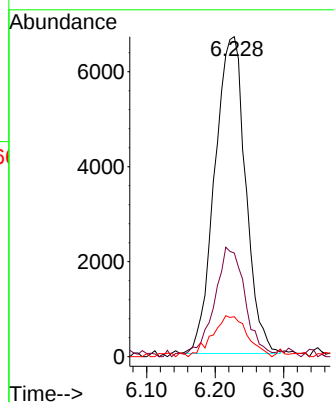


#19
1,1-Dichloroethane
Concen: 2.582 ug/L
RT: 6.228 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW028349.D
Acq: 08 Apr 2024 10:34

Instrument :
MSVOA_W
ClientSampleId :

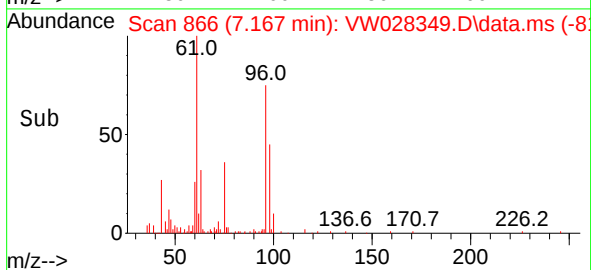
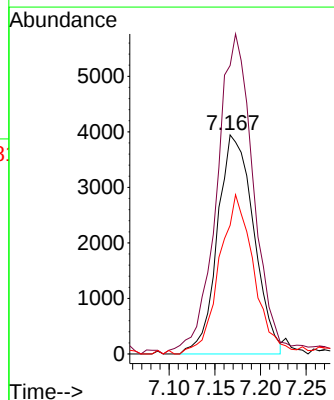
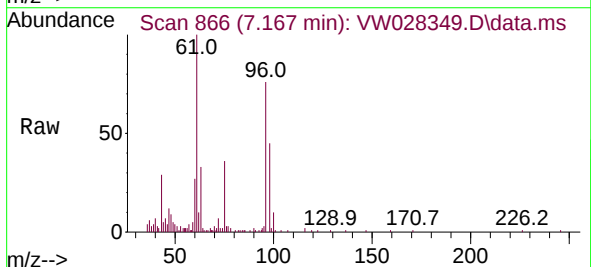


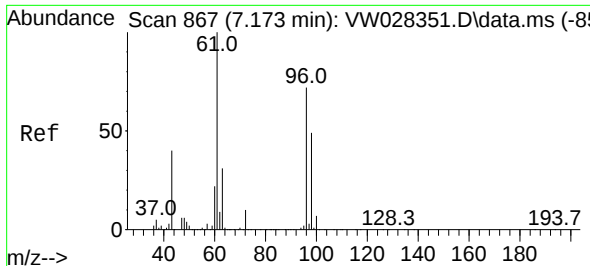
Tgt Ion: 63 Resp: 20855
Ion Ratio Lower Upper
63 100
65 32.4 21.8 40.4
83 12.5 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 2.478 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028349.D
Acq: 08 Apr 2024 10:34

Tgt Ion: 96 Resp: 10881
Ion Ratio Lower Upper
96 100
61 131.7 97.6 181.2
98 58.7 47.7 88.5





#22

2-Butanone

Concen: 0.150 ug/L

RT: 7.270 min Scan# 867

Delta R.T. 0.098 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

Instrument :

MSVOA_W

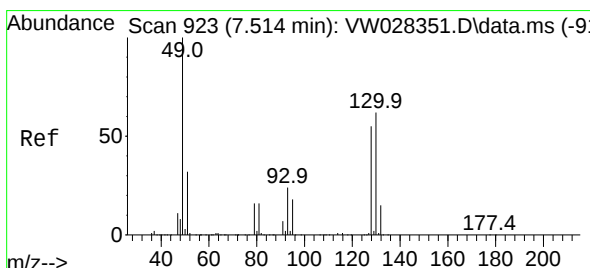
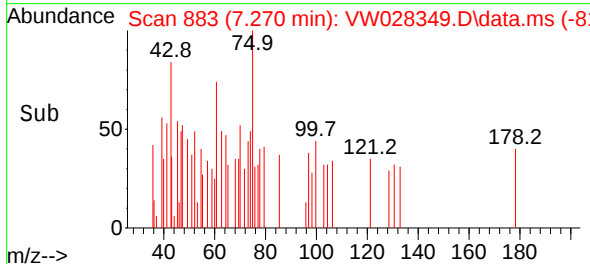
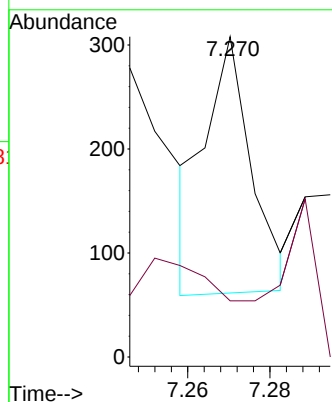
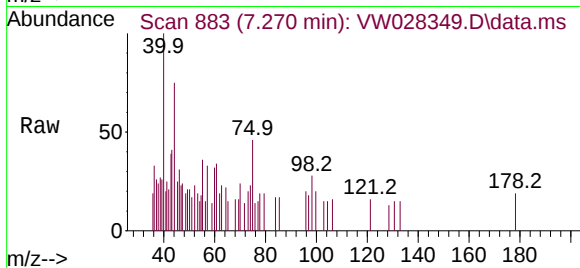
ClientSampleId :

Tgt Ion: 43 Resp: 190

Ion Ratio Lower Upper

43 100

72 18.9 12.8 38.4



#23

Bromochloromethane

Concen: 2.722 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

Tgt Ion: 128 Resp: 5148

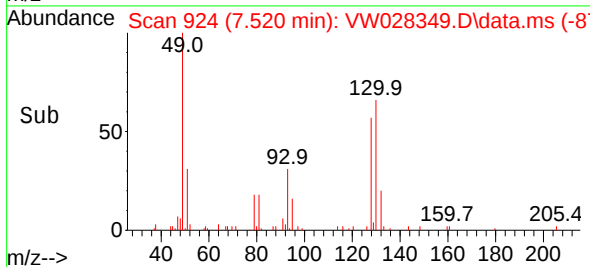
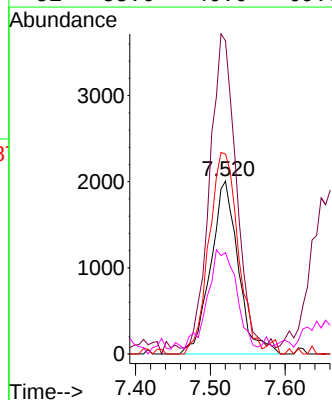
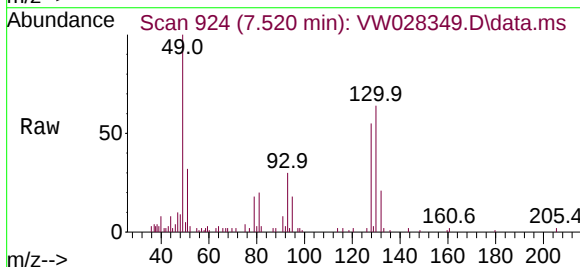
Ion Ratio Lower Upper

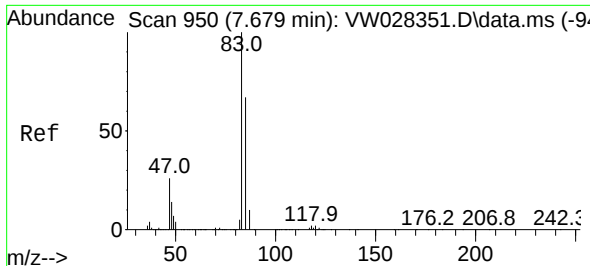
128 100

49 181.1 127.1 236.0

130 115.7 78.3 145.5

51 58.6 46.0 69.0

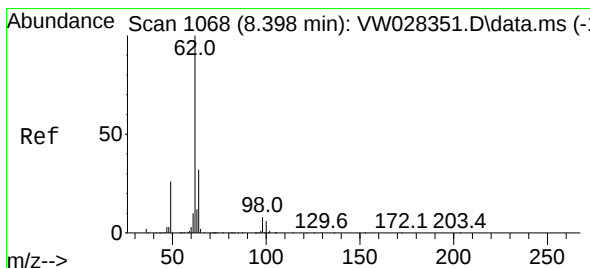
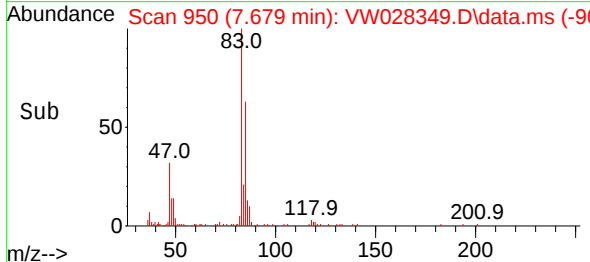
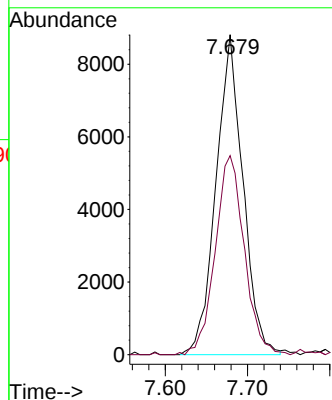
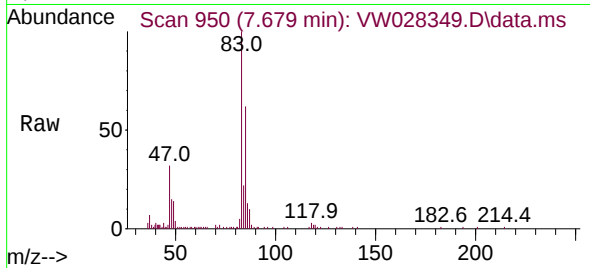




#25
Chloroform
Concen: 2.541 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW028349.D
Acq: 08 Apr 2024 10:34

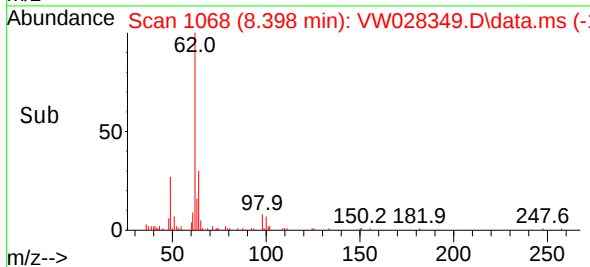
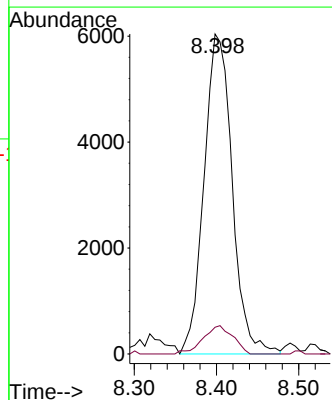
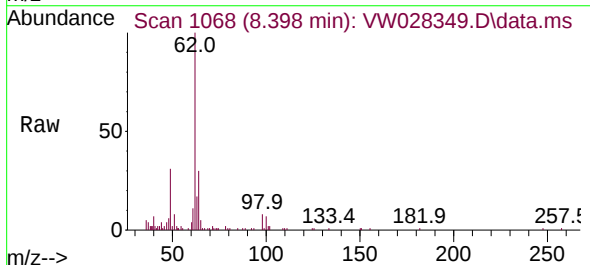
Instrument :
MSVOA_W
ClientSampleId :

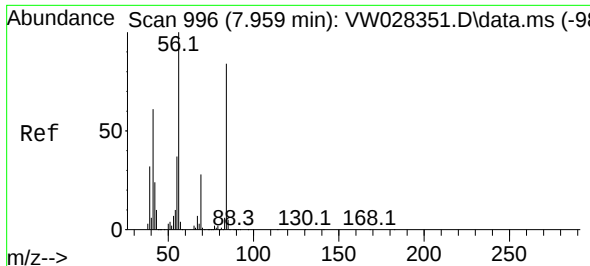
Tgt Ion: 83 Resp: 20118
Ion Ratio Lower Upper
83 100
85 62.2 47.7 88.7



#27
1,2-Dichloroethane
Concen: 2.631 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028349.D
Acq: 08 Apr 2024 10:34

Tgt Ion: 62 Resp: 14380
Ion Ratio Lower Upper
62 100
98 8.4 6.6 10.0





#29

Cyclohexane

Concen: 2.392 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

Instrument :

MSVOA_W

ClientSampleId :

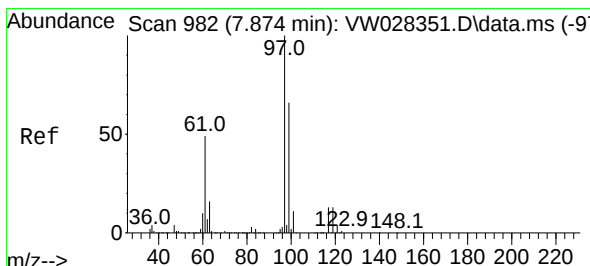
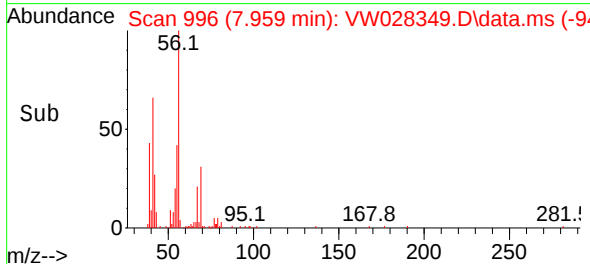
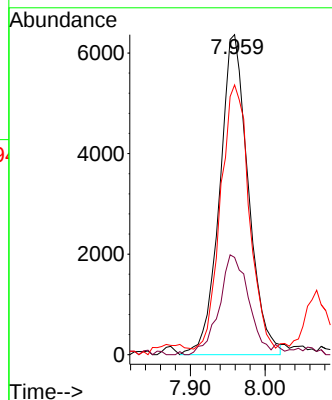
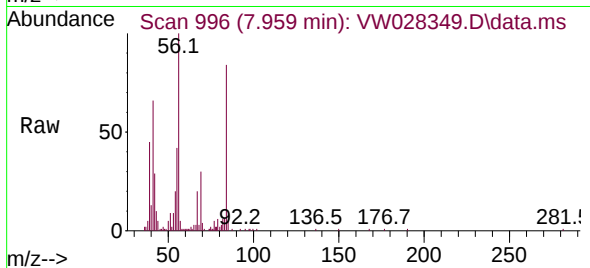
Tgt Ion: 56 Resp: 16955

Ion Ratio Lower Upper

56 100

69 32.0 23.8 35.6

84 85.8 65.9 98.9



#30

1,1,1-Trichloroethane

Concen: 2.656 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

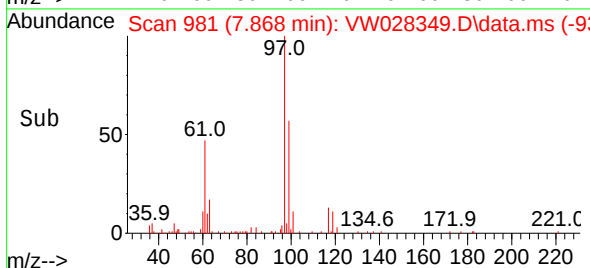
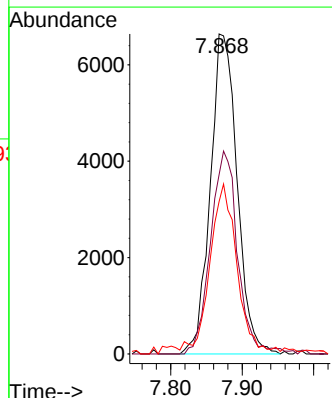
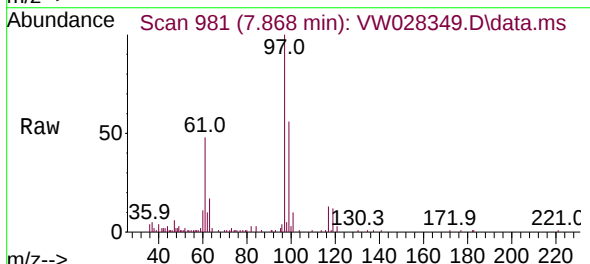
Tgt Ion: 97 Resp: 17285

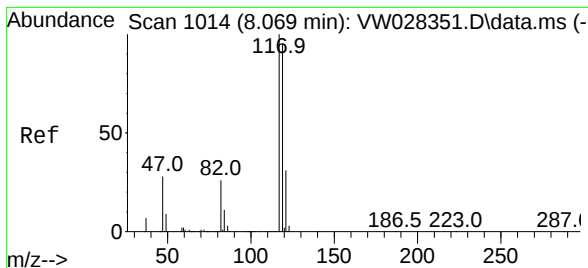
Ion Ratio Lower Upper

97 100

99 63.4 51.4 77.2

61 49.9 40.5 60.7





#31

Carbon tetrachloride

Concen: 2.564 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

Instrument :

MSVOA_W

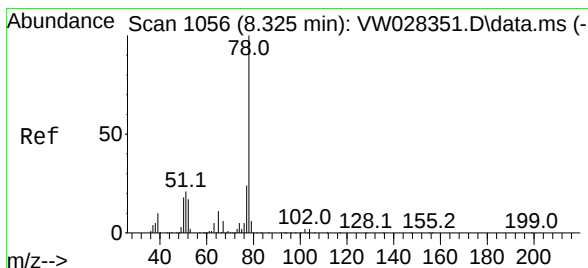
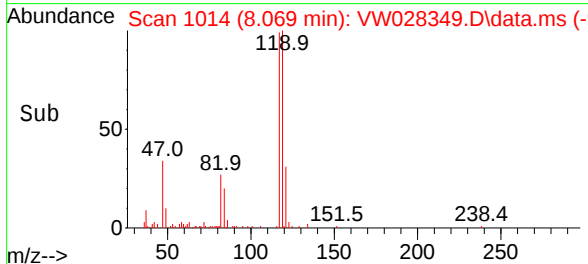
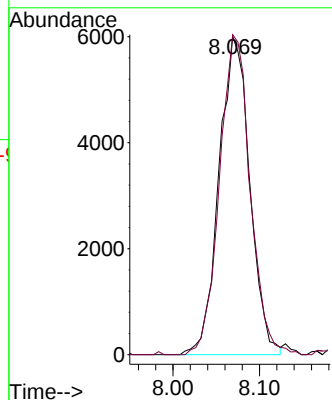
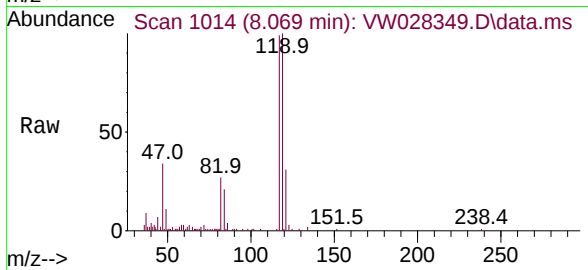
ClientSampleId :

Tgt Ion:117 Resp: 14802

Ion Ratio Lower Upper

117 100

119 100.3 77.4 116.2



#33

Benzene

Concen: 2.615 ug/L

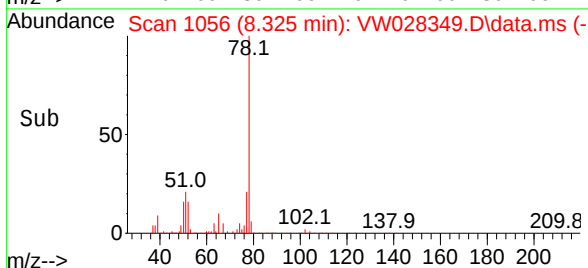
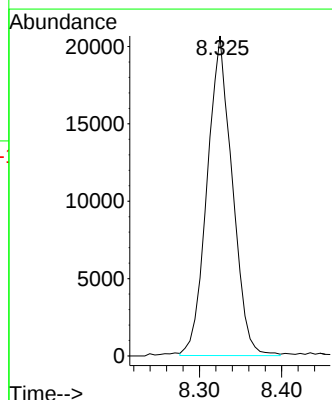
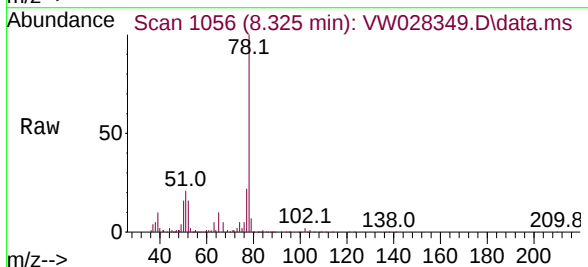
RT: 8.325 min Scan# 1056

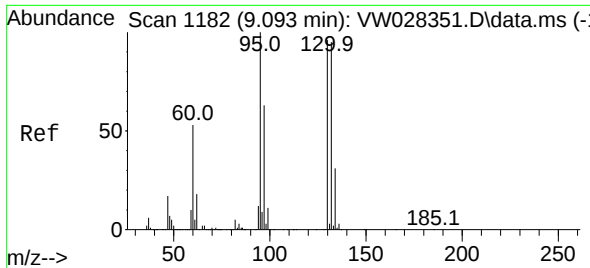
Delta R.T. 0.000 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

Tgt Ion: 78 Resp: 43877





#34

Trichloroethene

Concen: 2.677 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 12174

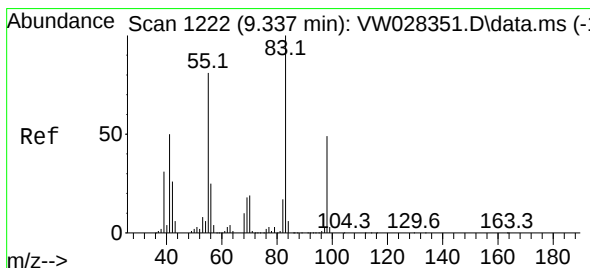
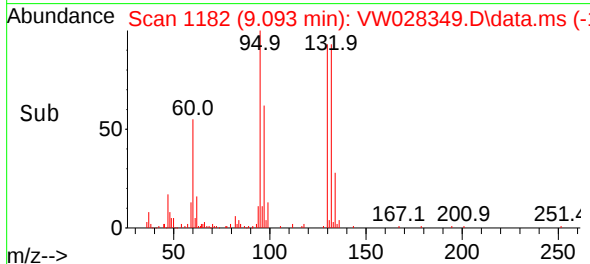
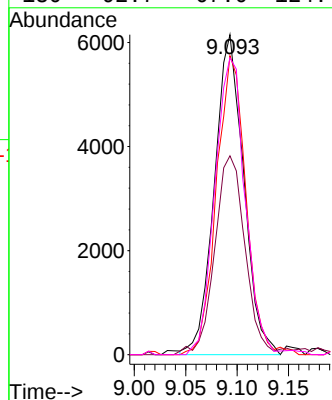
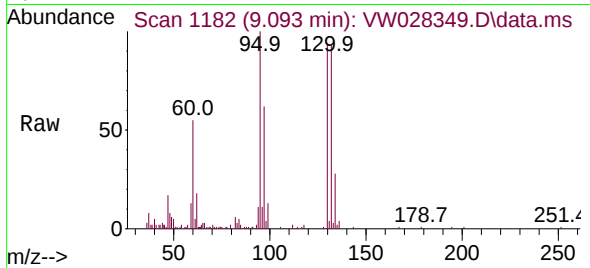
Ion Ratio Lower Upper

95 100

97 62.2 43.8 81.4

132 93.4 66.1 122.8

130 92.7 67.0 124.4



#35

Methylcyclohexane

Concen: 2.509 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

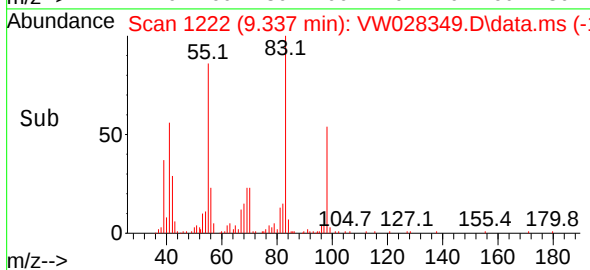
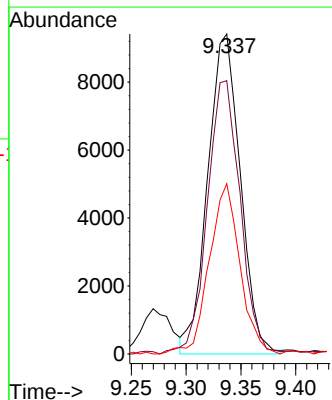
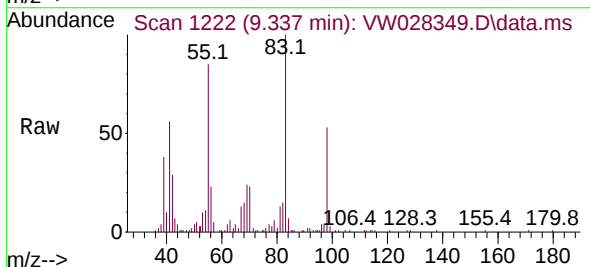
Tgt Ion: 83 Resp: 19468

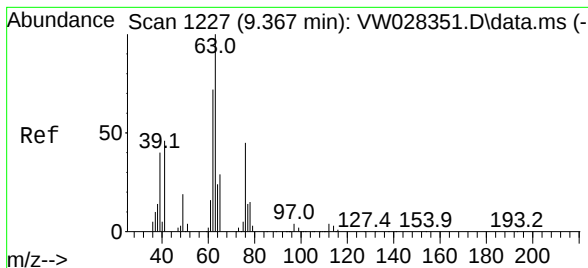
Ion Ratio Lower Upper

83 100

55 86.1 65.7 98.5

98 49.1 38.6 58.0





#37

1,2-Dichloropropane

Concen: 2.652 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

Instrument :

MSVOA_W

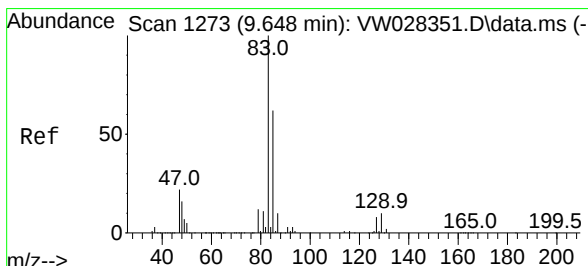
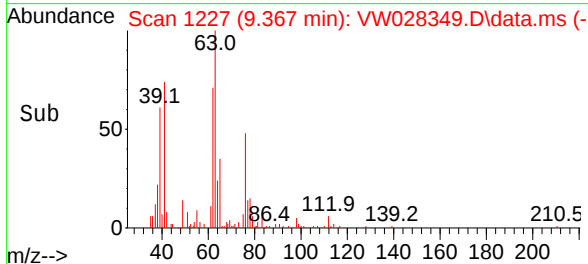
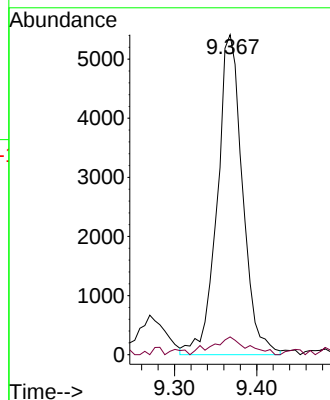
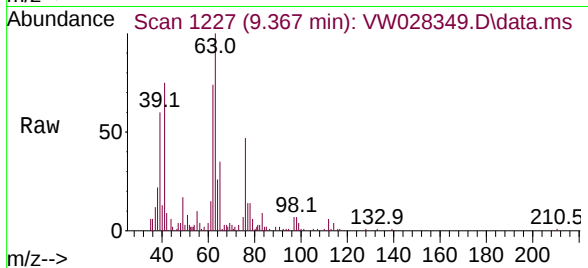
ClientSampleId :

Tgt Ion: 63 Resp: 11600

Ion Ratio Lower Upper

63 100

112 3.0 3.6 5.4#



#38

Bromodichloromethane

Concen: 2.557 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

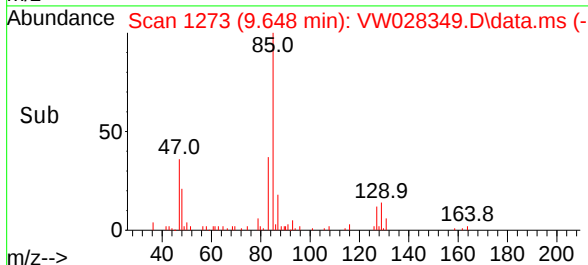
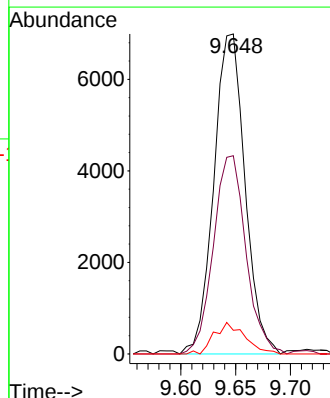
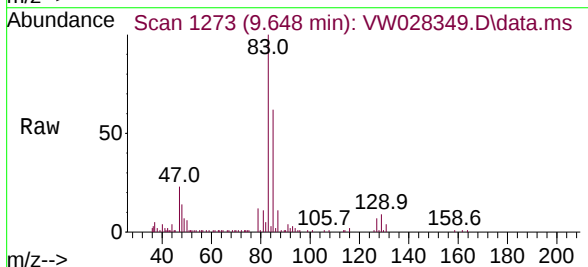
Tgt Ion: 83 Resp: 13859

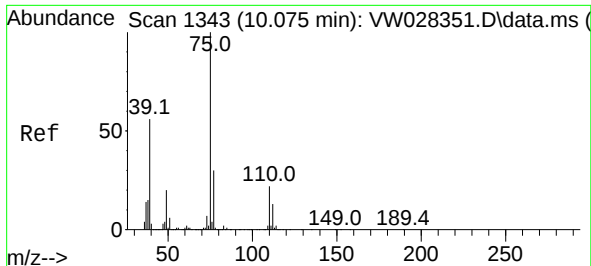
Ion Ratio Lower Upper

83 100

85 62.0 43.1 80.1

127 7.4 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 2.358 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

Instrument :

MSVOA_W

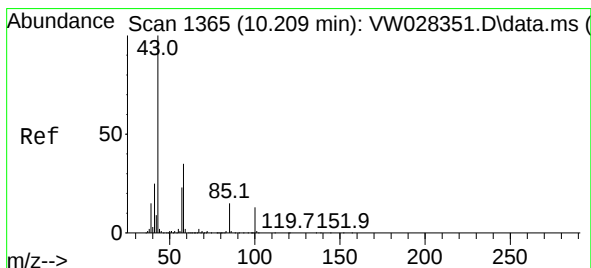
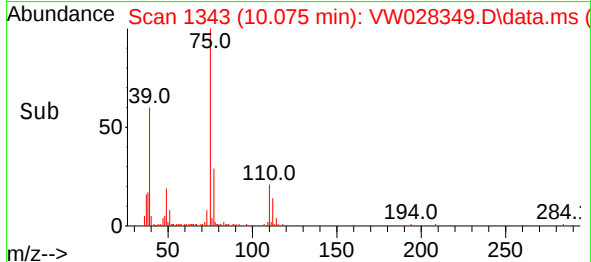
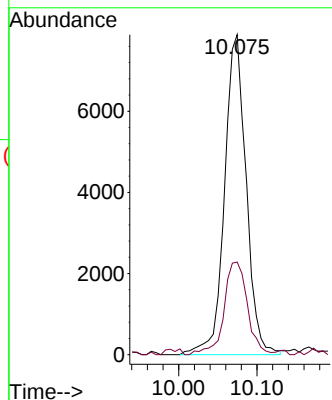
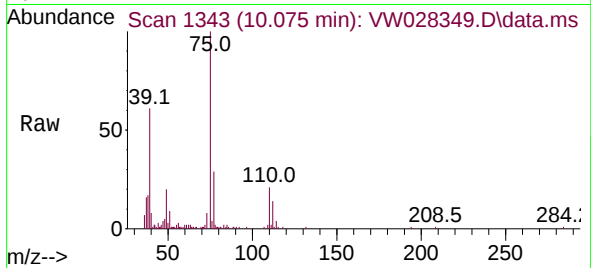
ClientSampleId :

Tgt Ion: 75 Resp: 15147

Ion Ratio Lower Upper

75 100

77 29.0 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 4.255 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

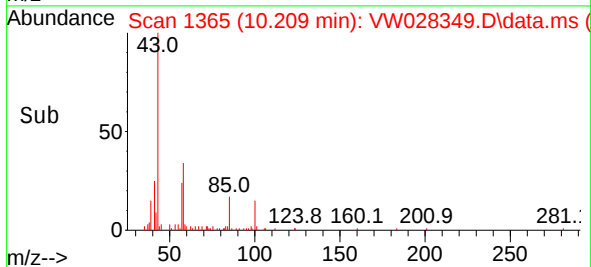
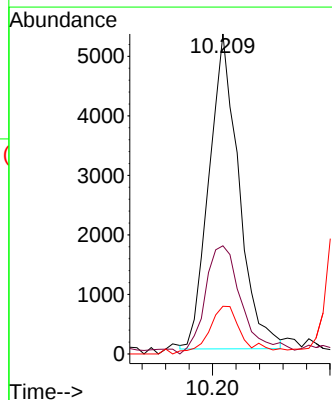
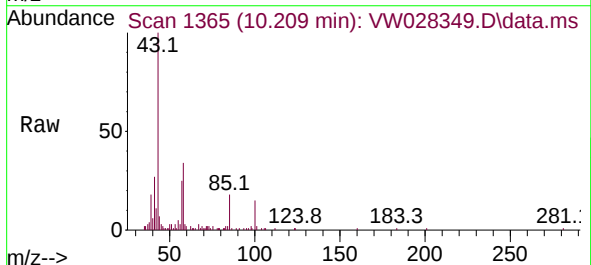
Tgt Ion: 43 Resp: 9321

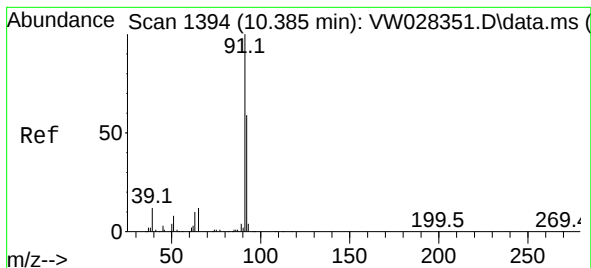
Ion Ratio Lower Upper

43 100

58 41.0 28.6 43.0

100 15.1 10.6 16.0





#42

Toluene

Concen: 2.466 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

Instrument :

MSVOA_W

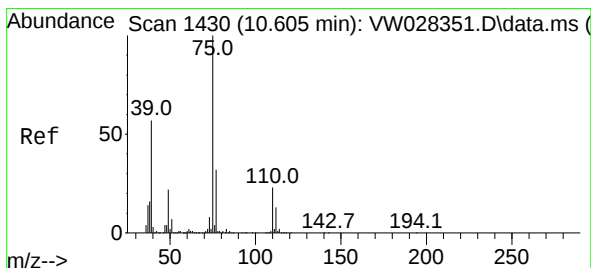
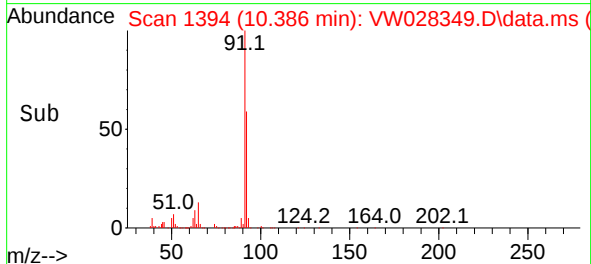
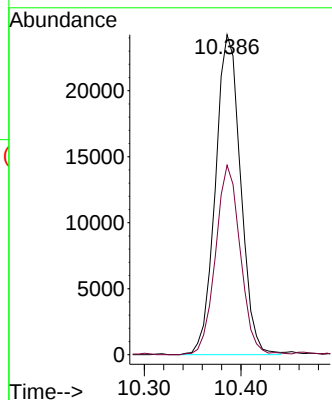
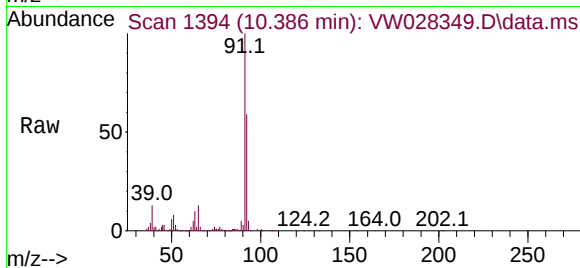
ClientSampleId :

Tgt Ion: 91 Resp: 43834

Ion Ratio Lower Upper

91 100

92 59.2 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 2.263 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028349.D

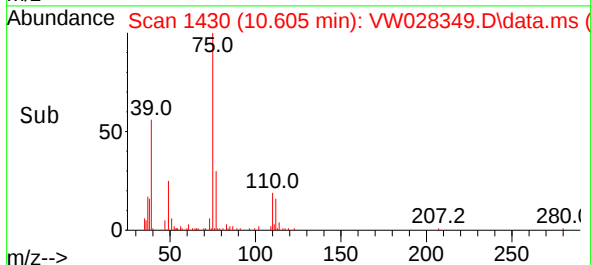
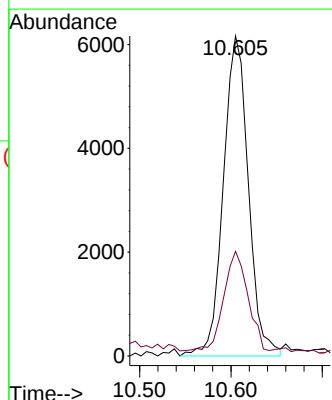
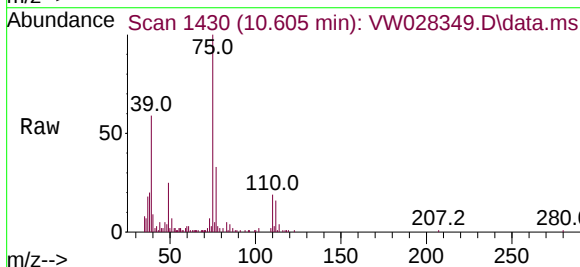
Acq: 08 Apr 2024 10:34

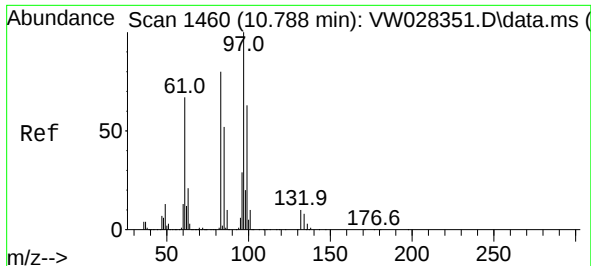
Tgt Ion: 75 Resp: 11740

Ion Ratio Lower Upper

75 100

77 32.7 22.6 42.0

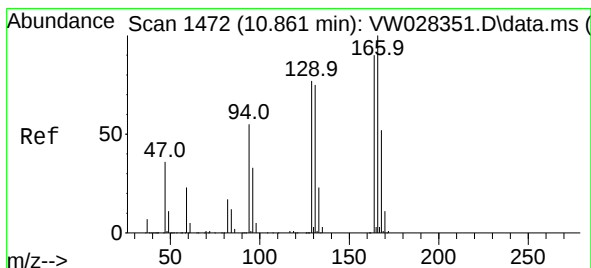
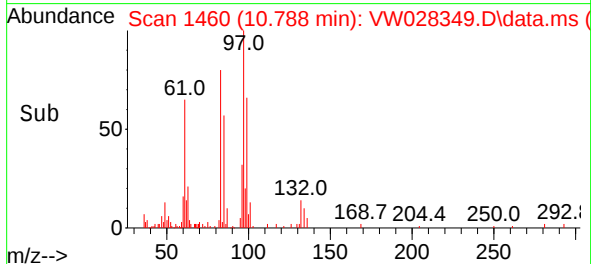
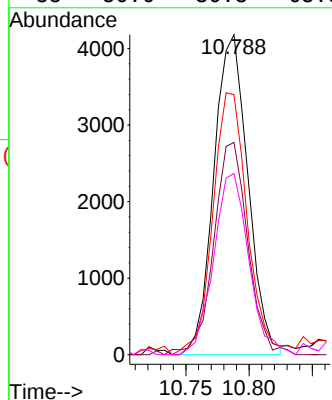
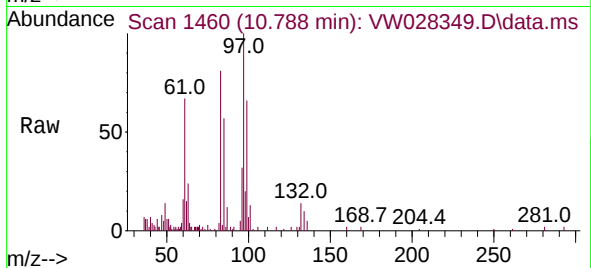




#45
1,1,2-Trichloroethane
Concen: 2.647 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW028349.D
Acq: 08 Apr 2024 10:34

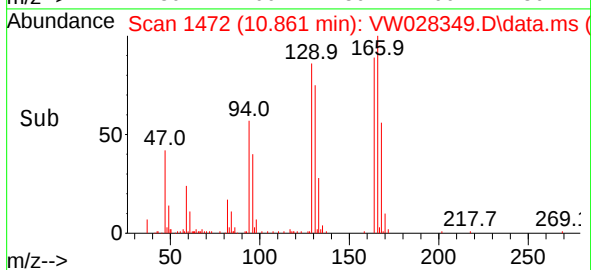
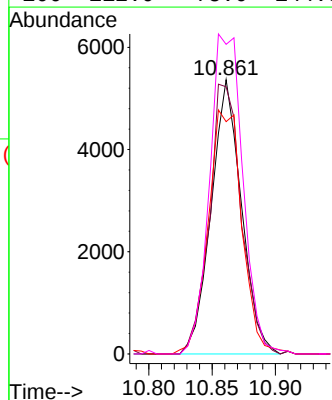
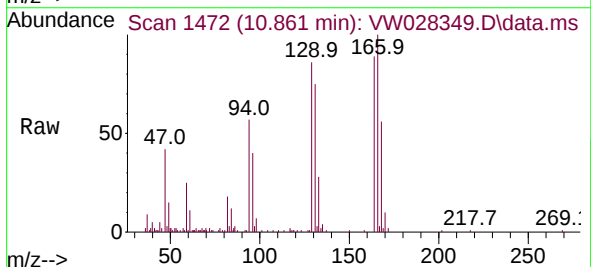
Instrument :
MSVOA_W
ClientSampleId :

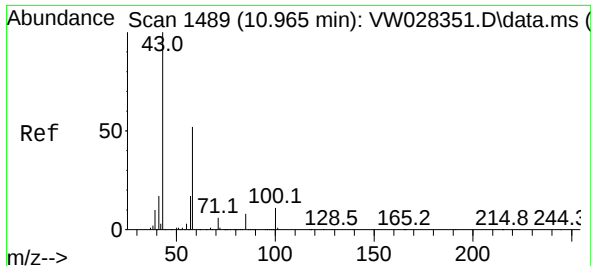
Tgt Ion:	97	Resp:	7831
Ion	Ratio	Lower	Upper
97	100		
99	66.3	44.2	82.2
83	81.3	56.4	104.7
85	56.6	36.8	68.3



#46
Tetrachloroethene
Concen: 2.628 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW028349.D
Acq: 08 Apr 2024 10:34

Tgt Ion:	164	Resp:	8928
Ion	Ratio	Lower	Upper
164	100		
129	97.4	59.7	110.9
131	84.7	58.2	108.2
166	112.9	78.0	144.8

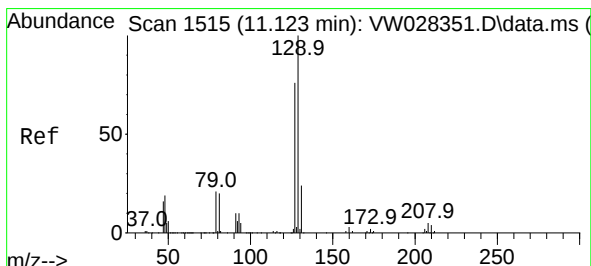
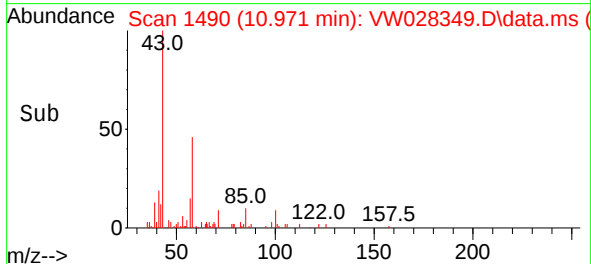
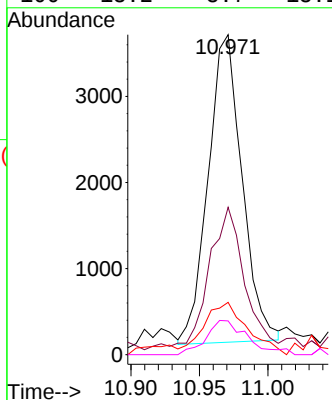
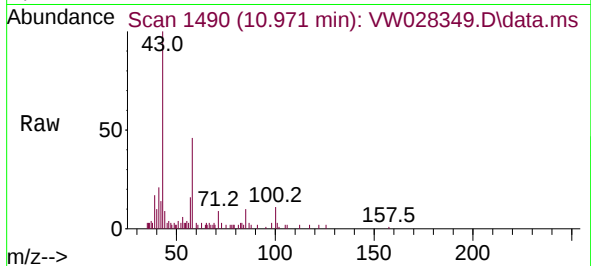




#48
2-Hexanone
Concen: 3.632 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW028349.D
Acq: 08 Apr 2024 10:34

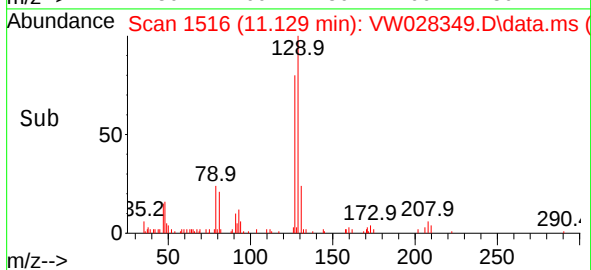
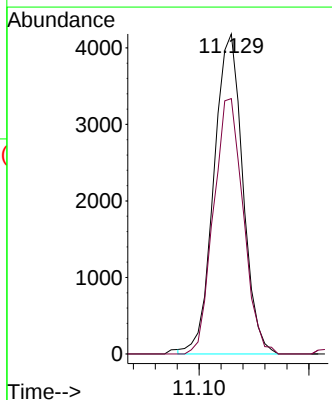
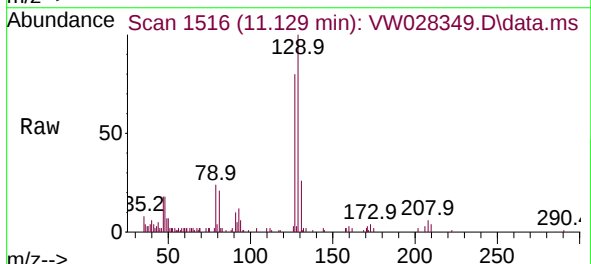
Instrument :
MSVOA_W
ClientSampleId :

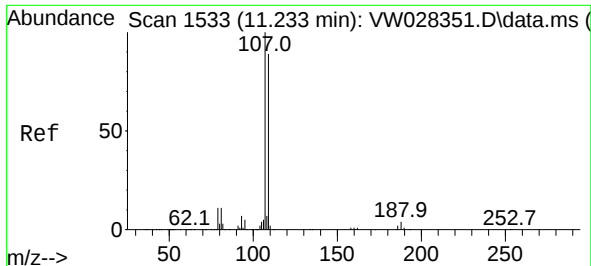
Tgt Ion: 43	Resp: 6159
Ion Ratio	Lower Upper
43	100
58	50.3 38.9 58.3
57	21.7 14.4 21.6#
100	13.2 8.7 13.1#



#49
Dibromochloromethane
Concen: 2.421 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW028349.D
Acq: 08 Apr 2024 10:34

Tgt Ion: 129	Resp: 7656
Ion Ratio	Lower Upper
129	100
127	79.8 53.0 98.4





#50

1,2-Dibromoethane

Concen: 2.393 ug/L

RT: 11.239 min Scan# 1533

Delta R.T. 0.006 min

Lab File: VW028349.D

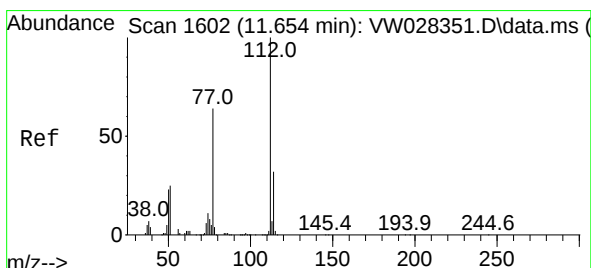
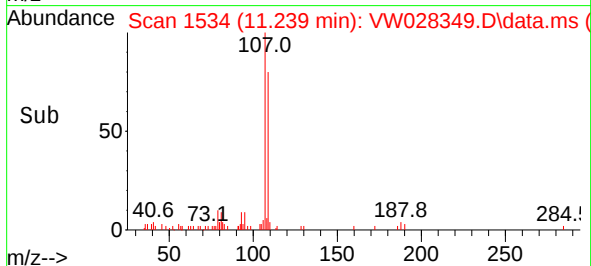
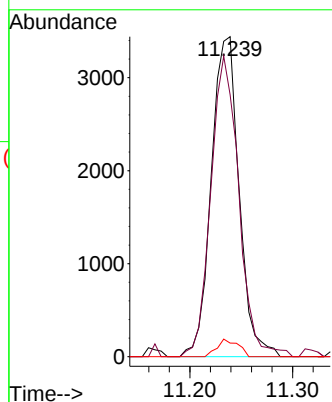
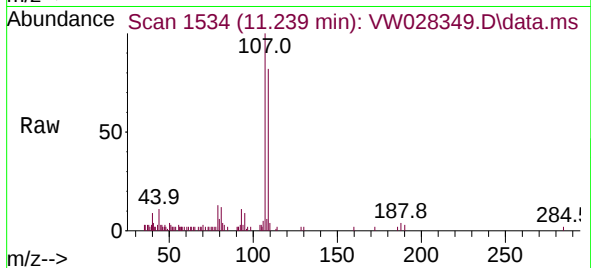
Acq: 08 Apr 2024 10:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	6462
Ion Ratio	Lower	Upper
107	100	
109	81.8	62.1 115.3
188	4.2	3.2 4.8



#51

Chlorobenzene

Concen: 2.654 ug/L

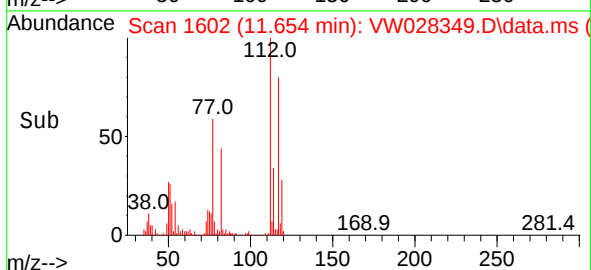
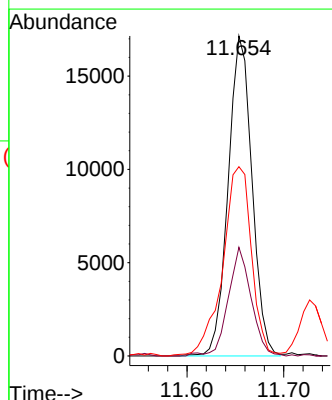
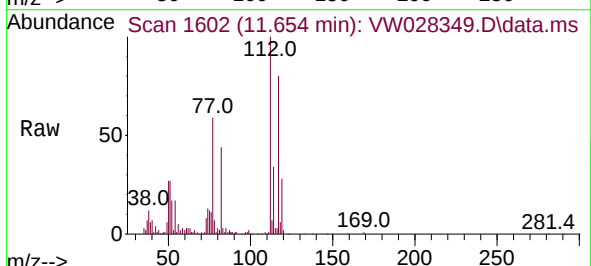
RT: 11.654 min Scan# 1602

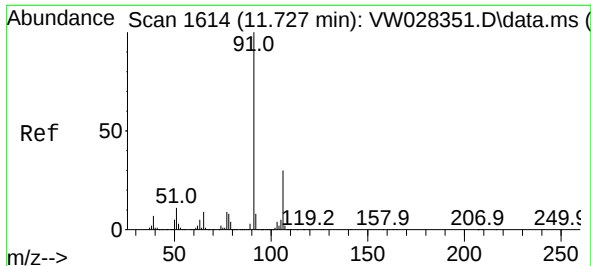
Delta R.T. 0.000 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

Tgt Ion:112	Resp:	29322
Ion Ratio	Lower	Upper
112	100	
114	34.0	22.3 41.3
77	59.2	51.8 77.8





#52

Ethylbenzene

Concen: 2.444 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

Instrument :

MSVOA_W

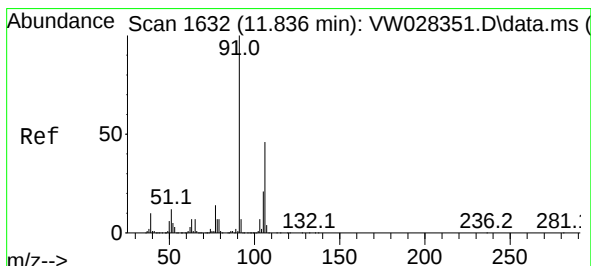
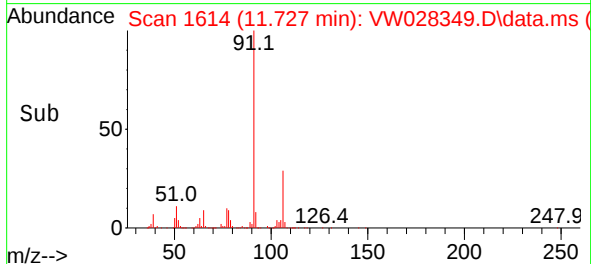
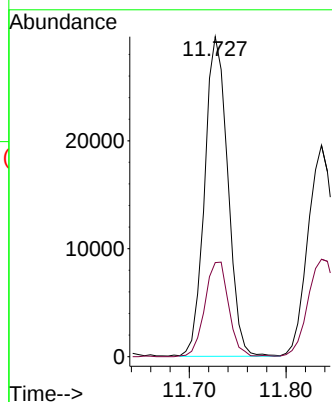
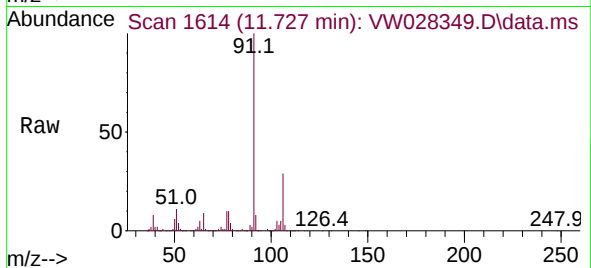
ClientSampleId :

Tgt Ion: 91 Resp: 49240

Ion Ratio Lower Upper

91 100

106 29.4 21.2 39.4



#53

m,p-Xylene

Concen: 2.429 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028349.D

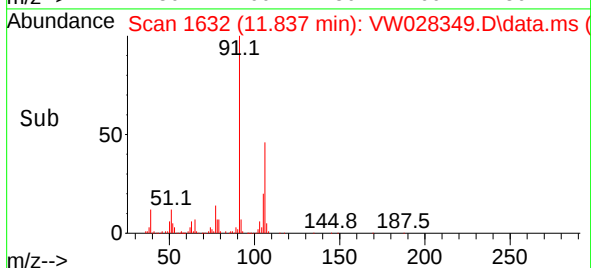
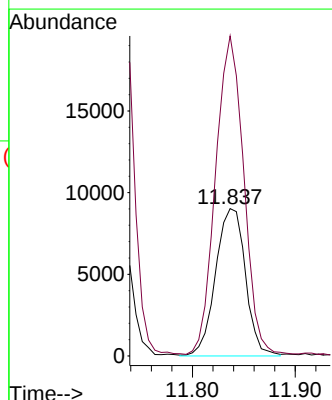
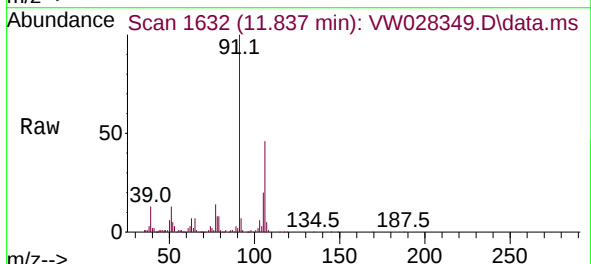
Acq: 08 Apr 2024 10:34

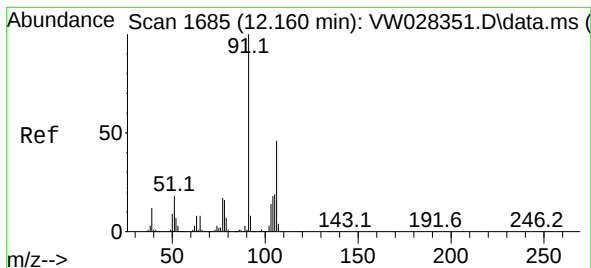
Tgt Ion:106 Resp: 18201

Ion Ratio Lower Upper

106 100

91 217.1 152.4 283.0





#54

o-Xylene

Concen: 2.328 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

Instrument :

MSVOA_W

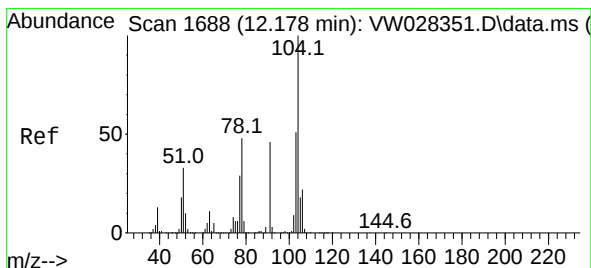
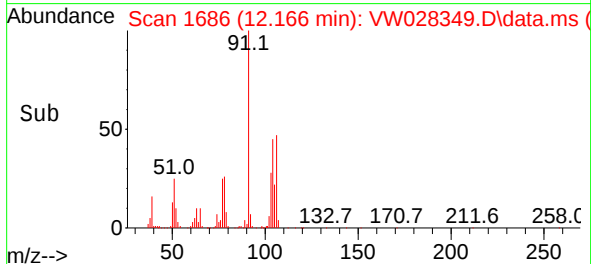
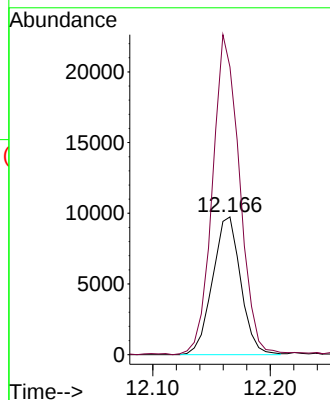
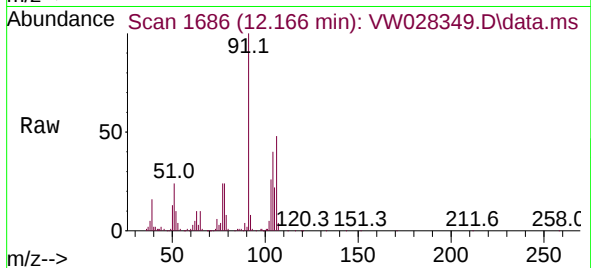
ClientSampleId :

Tgt Ion:106 Resp: 16243

Ion Ratio Lower Upper

106 100

91 208.8 152.9 283.9



#55

Styrene

Concen: 2.306 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028349.D

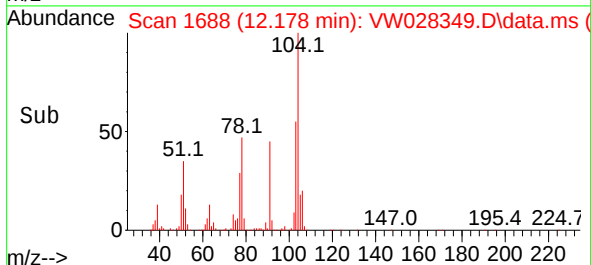
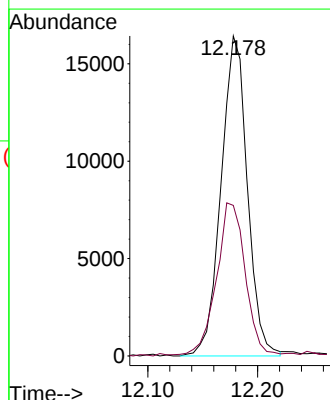
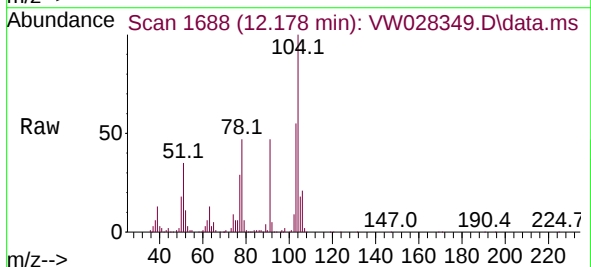
Acq: 08 Apr 2024 10:34

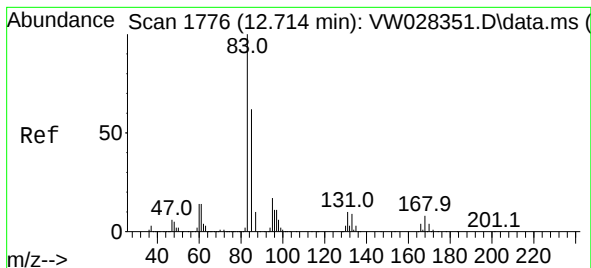
Tgt Ion:104 Resp: 27384

Ion Ratio Lower Upper

104 100

78 47.0 33.8 62.8

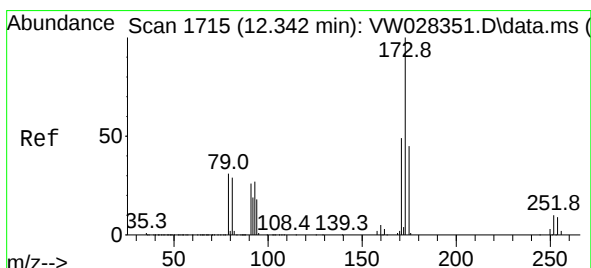
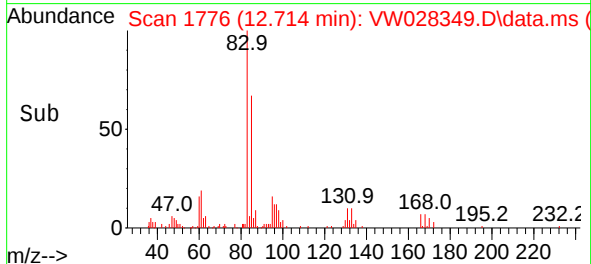
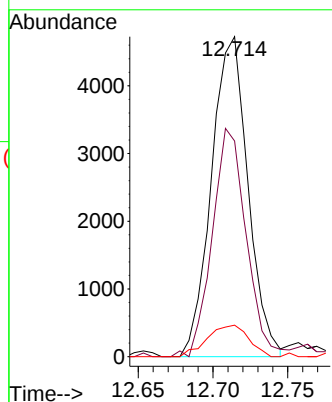
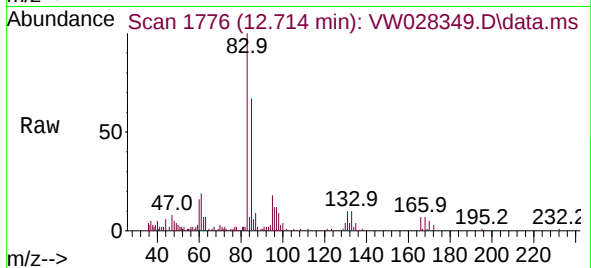




#57
1,1,2,2-Tetrachloroethane
Concen: 2.399 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW028349.D
Acq: 08 Apr 2024 10:34

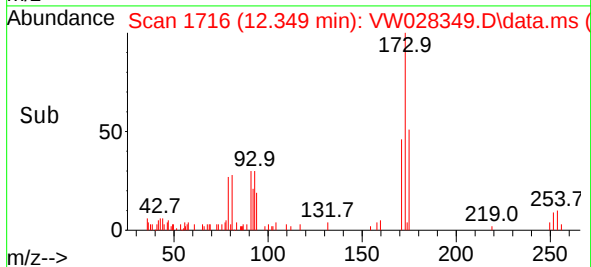
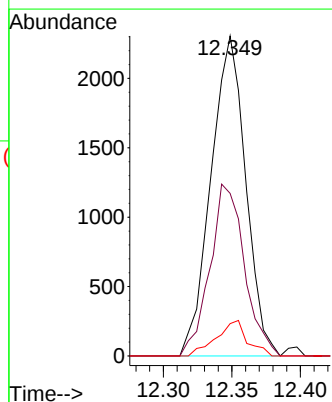
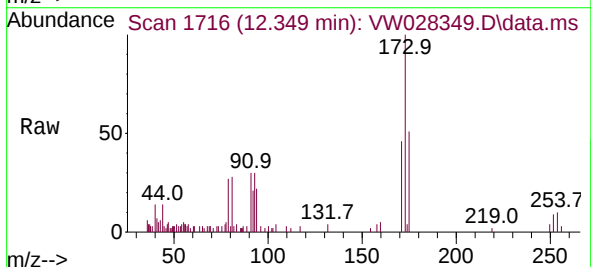
Instrument :
MSVOA_W
ClientSampleId :

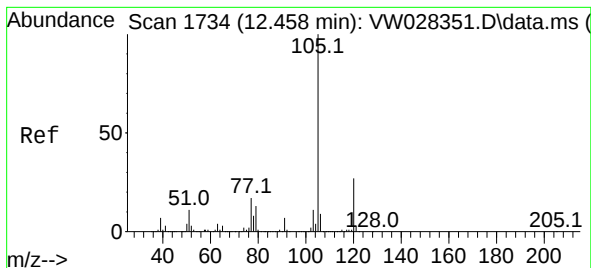
Tgt Ion: 83 Resp: 8034
Ion Ratio Lower Upper
83 100
85 67.4 43.4 80.6
131 9.9 8.0 12.0



#59
Bromoform
Concen: 2.355 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW028349.D
Acq: 08 Apr 2024 10:34

Tgt Ion: 173 Resp: 4072
Ion Ratio Lower Upper
173 100
175 53.2 39.2 58.8
254 9.4 8.3 12.5





#60

Isopropylbenzene

Concen: 2.354 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028349.D

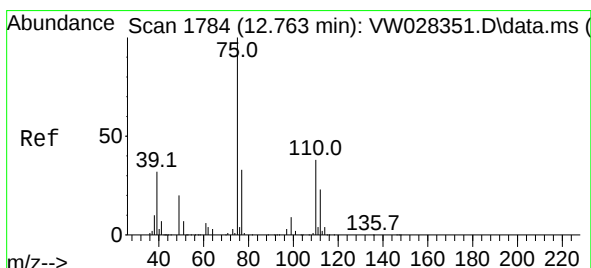
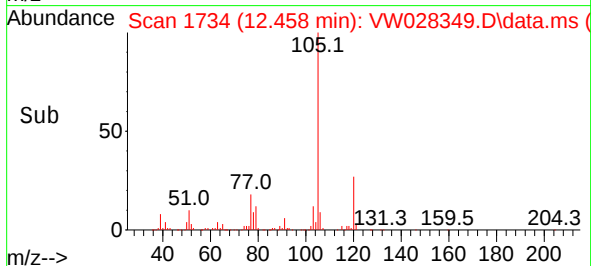
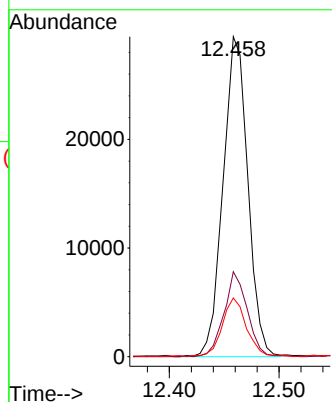
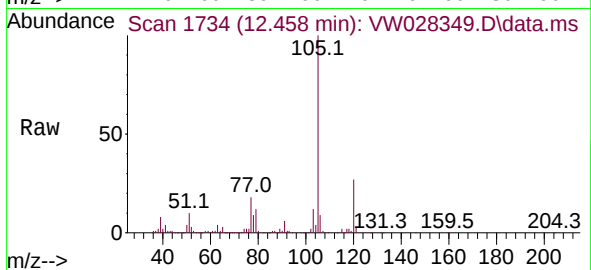
Acq: 08 Apr 2024 10:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	46225
Ion Ratio	Lower	Upper	
105	100		
120	25.0	20.8	31.2
77	18.0	13.4	20.2



#61

1,2,3-Trichloropropane

Concen: 2.398 ug/L

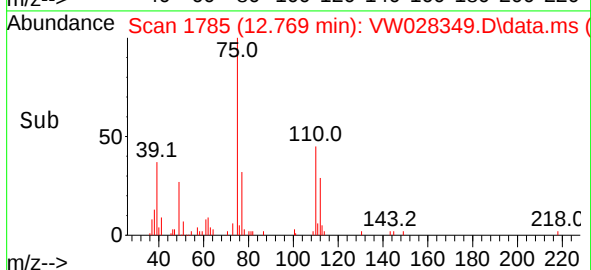
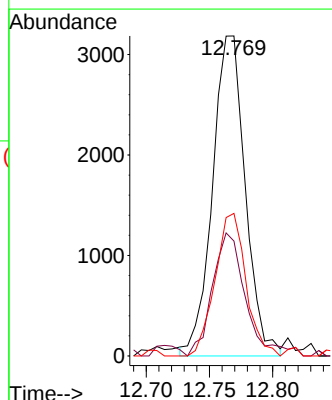
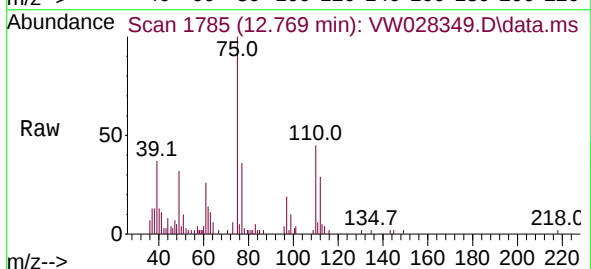
RT: 12.769 min Scan# 1785

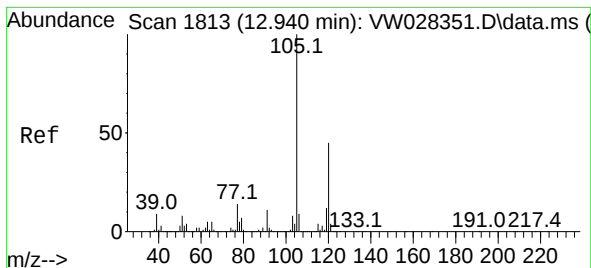
Delta R.T. 0.006 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

Tgt Ion:	75	Resp:	5742
Ion Ratio	Lower	Upper	
75	100		
77	36.6	26.1	39.1
110	41.8	30.6	46.0





#62

1,3,5-Trimethylbenzene

Concen: 2.236 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

Instrument :

MSVOA_W

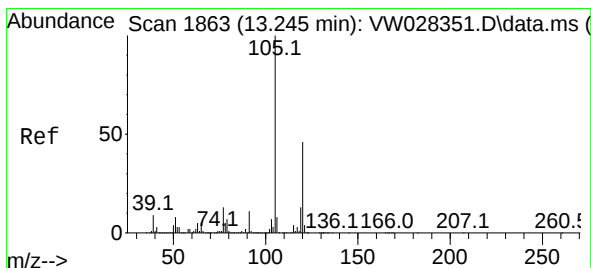
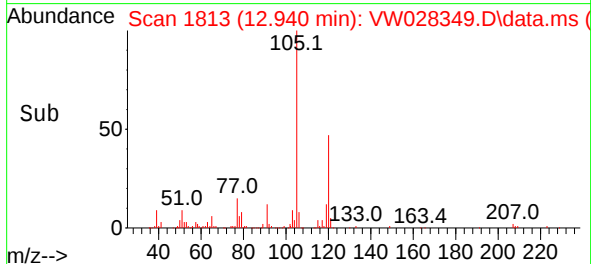
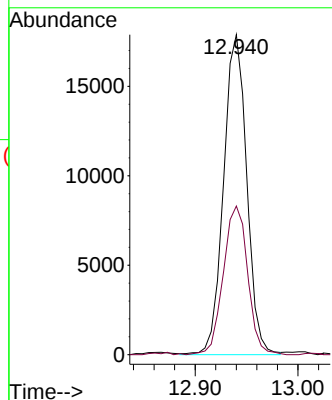
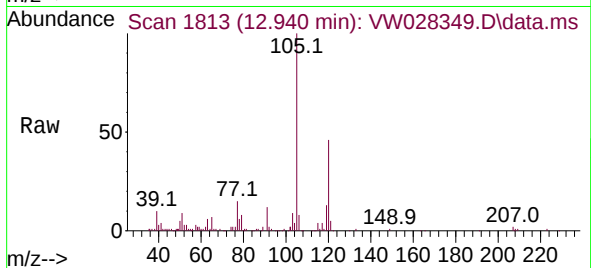
ClientSampleId :

Tgt Ion:105 Resp: 27992

Ion Ratio Lower Upper

105 100

120 48.8 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 2.201 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028349.D

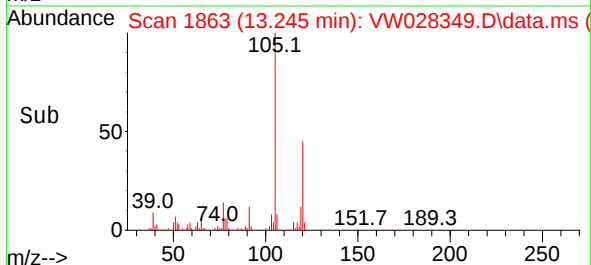
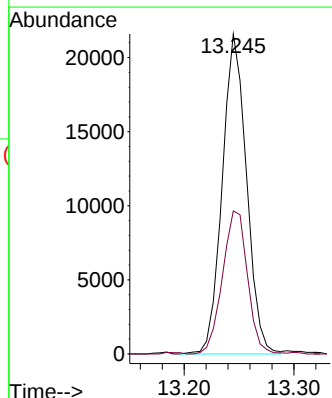
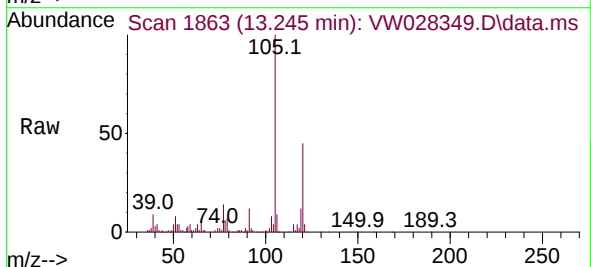
Acq: 08 Apr 2024 10:34

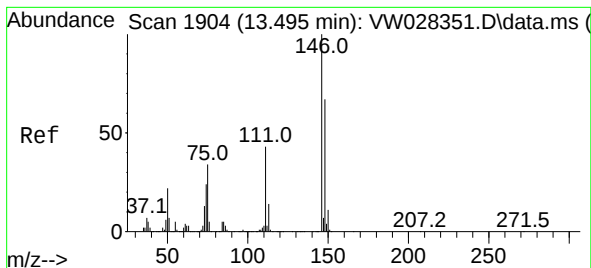
Tgt Ion:105 Resp: 33160

Ion Ratio Lower Upper

105 100

120 46.1 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 2.468 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

Instrument :

MSVOA_W

ClientSampleId :

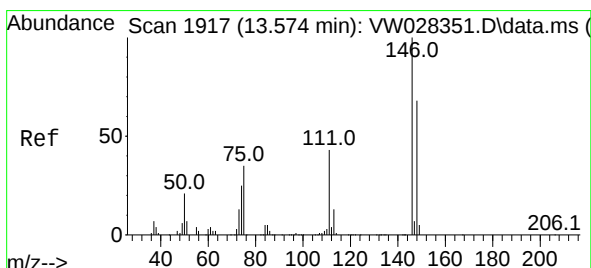
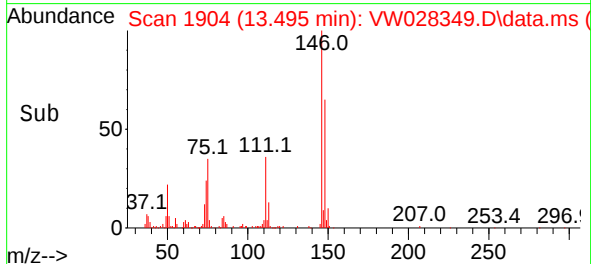
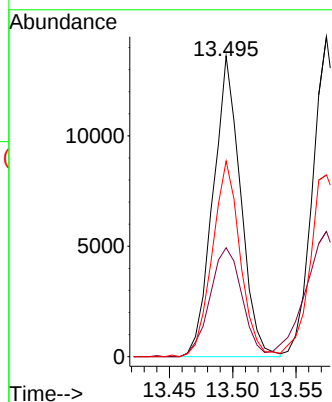
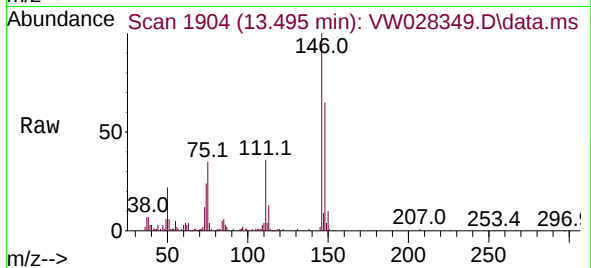
Tgt Ion:146 Resp: 20563

Ion Ratio Lower Upper

146 100

111 36.2 29.8 55.3

148 65.1 47.3 87.8



#65

1,4-Dichlorobenzene

Concen: 2.573 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

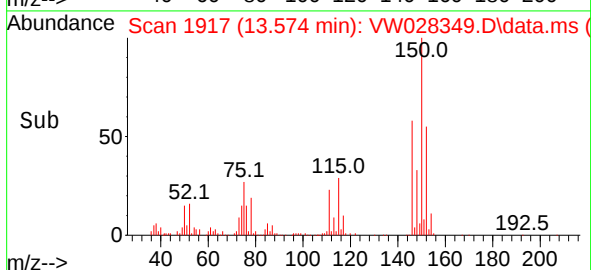
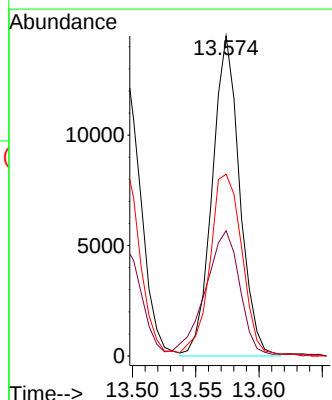
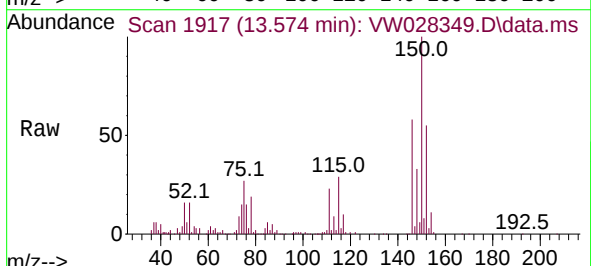
Tgt Ion:146 Resp: 21812

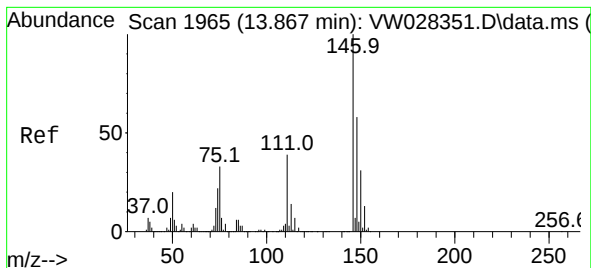
Ion Ratio Lower Upper

146 100

111 39.2 30.3 56.3

148 56.8 47.3 87.8

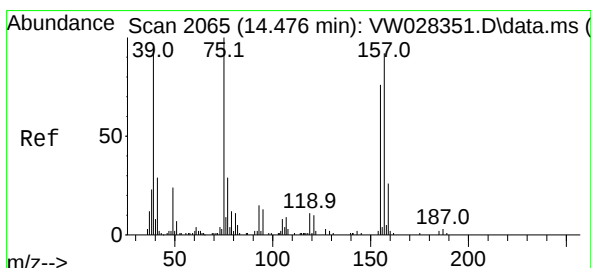
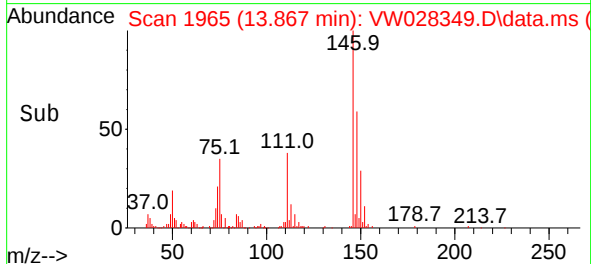
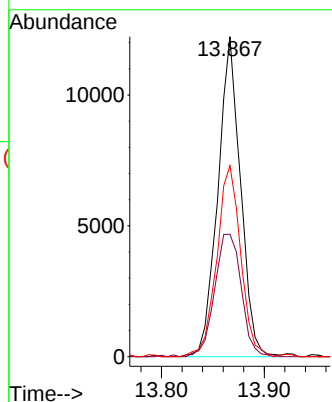
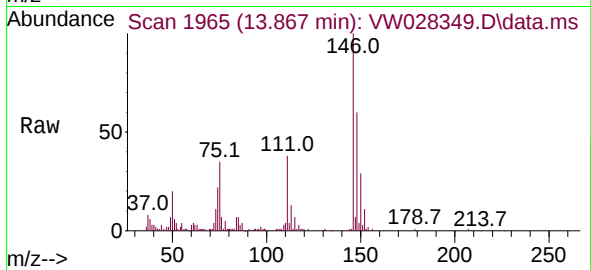




#67
1,2-Dichlorobenzene
Concen: 2.551 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028349.D
Acq: 08 Apr 2024 10:34

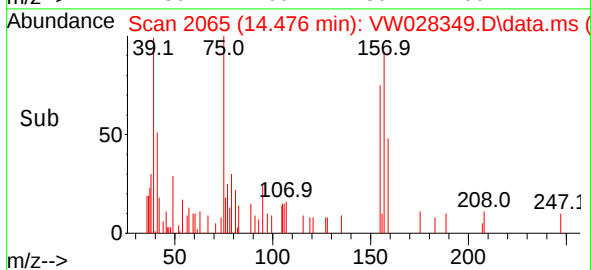
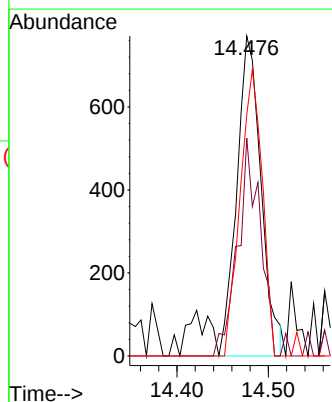
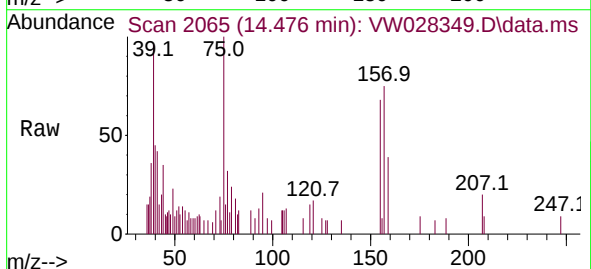
Instrument :
MSVOA_W
ClientSampleId :

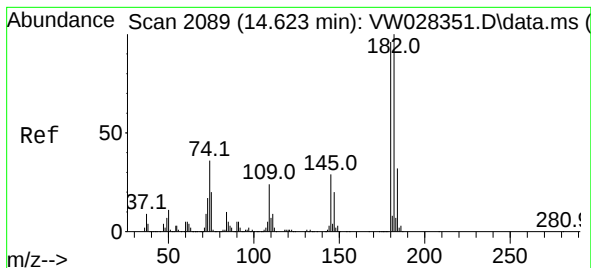
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	31.4	47.2
148	59.7	46.4	69.6



#68
1,2-Dibromo-3-chloropropane
Concen: 2.903 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028349.D
Acq: 08 Apr 2024 10:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.1	61.2	91.8
157	75.4	73.3	109.9





#69

1,3,5-Trichlorobenzene

Concen: 2.578 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

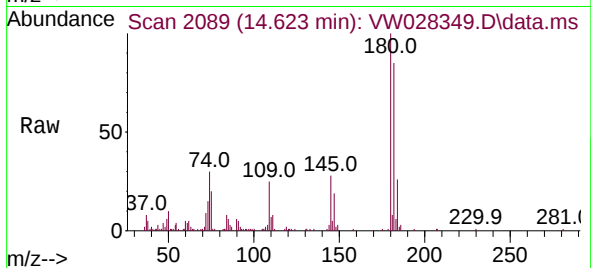
Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 14781

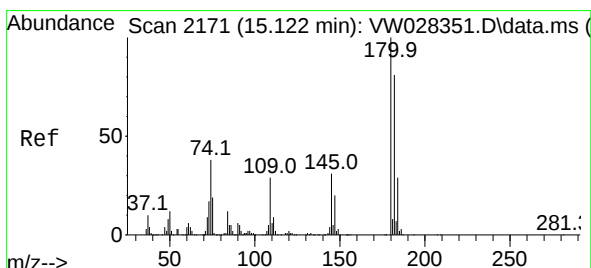
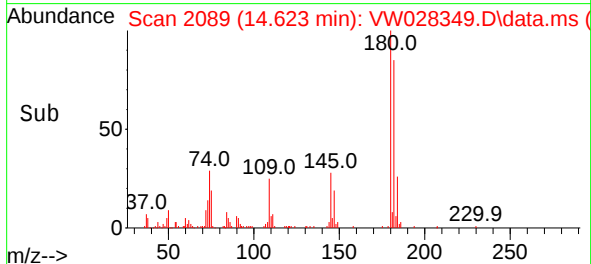
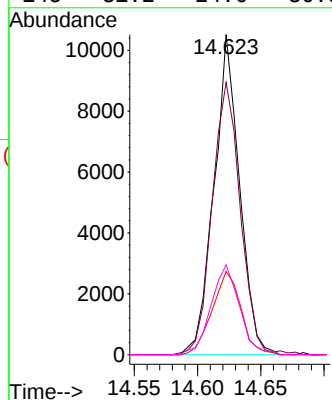
Ion Ratio Lower Upper

180 100

182 93.0 77.4 116.0

184 29.3 24.8 37.2

145 31.2 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 2.289 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

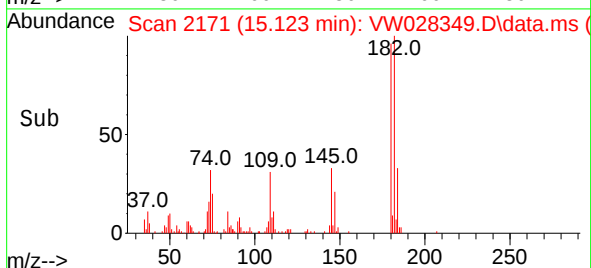
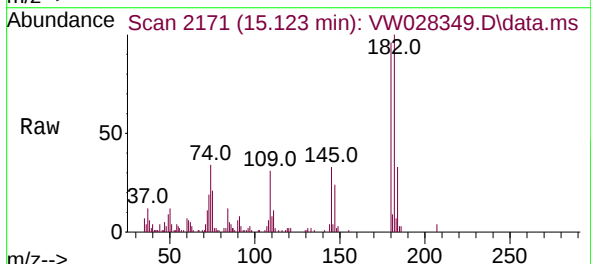
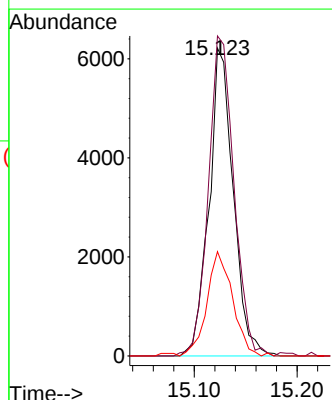
Tgt Ion:180 Resp: 10248

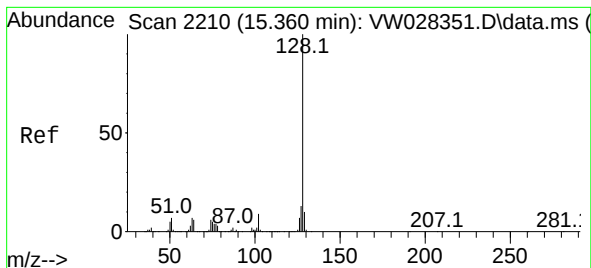
Ion Ratio Lower Upper

180 100

182 108.5 71.5 107.3#

145 35.5 23.5 35.3#





#71

Naphthalene

Concen: 2.056 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

Instrument :

MSVOA_W

ClientSampleId :

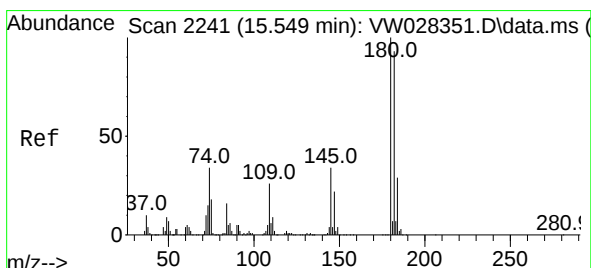
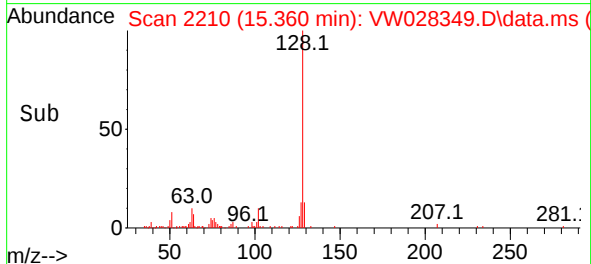
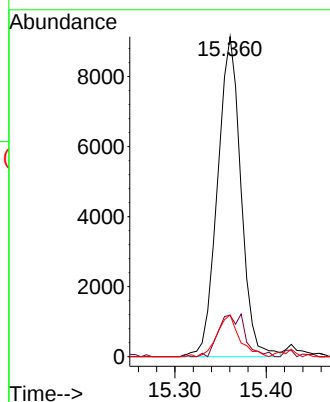
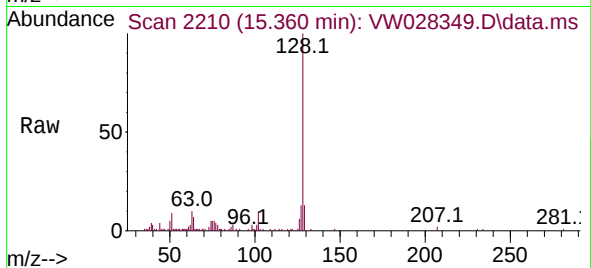
Tgt Ion:128 Resp: 16290

Ion Ratio Lower Upper

128 100

127 9.9 10.7 16.1#

129 12.3 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 2.465 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW028349.D

Acq: 08 Apr 2024 10:34

Tgt Ion:180 Resp: 9795

Ion Ratio Lower Upper

180 100

182 93.7 75.7 113.5

145 33.9 26.2 39.4

