

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040824\
 Data File : VW028352.D
 Acq On : 08 Apr 2024 11:45
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 09 01:13:20 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	314443	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	285536	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	138867	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	238158	47.244	ug/L	0.00
7) Chloroethane-d5	2.899	69	190673	49.913	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	102539	48.033	ug/L	0.00
21) 2-Butanone-d5	7.075	46	88565	97.647	ug/L	0.00
24) Chloroform-d	7.648	84	423765	51.646	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	217841	51.088	ug/L	0.00
32) Benzene-d6	8.276	84	827985	53.081	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	243133	52.438	ug/L	0.00
41) Toluene-d8	10.325	98	780063	54.995	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	101201	54.892	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	64693	104.571	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	168130	51.395	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	234022	53.287	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	212757	50.307	ug/L	98
3) Chloromethane	2.222	50	250800	50.509	ug/L	100
5) Vinyl chloride	2.375	62	284964	48.190	ug/L	99
6) Bromomethane	2.789	94	180649	48.898	ug/L	99
8) Chloroethane	2.936	64	171926	48.231	ug/L	98
9) Trichlorofluoromethane	3.271	101	240480	50.978	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	212405	48.023	ug/L	98
12) 1,1-Dichloroethene	4.045	96	206016	49.757	ug/L	95
13) Acetone	4.125	43	103672	94.387	ug/L	97
14) Carbon disulfide	4.393	76	682946	49.780	ug/L	100
15) Methyl Acetate	4.673	43	83616	44.869	ug/L	99
16) Methylene chloride	4.923	84	204249	43.046	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	217445	49.537	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	301086	48.867	ug/L	99
19) 1,1-Dichloroethane	6.222	63	425188	49.611	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	233175	50.051	ug/L	99
22) 2-Butanone	7.167	43	129877	96.888	ug/L	99
23) Bromochloromethane	7.514	128	93930	46.809	ug/L	88
25) Chloroform	7.679	83	413765	49.251	ug/L	96
27) 1,2-Dichloroethane	8.398	62	275990	47.597	ug/L	99
29) Cyclohexane	7.959	56	401238	53.199	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	347978	50.250	ug/L	99
31) Carbon tetrachloride	8.075	117	312412	50.874	ug/L	99
33) Benzene	8.325	78	902281	50.541	ug/L	100
34) Trichloroethene	9.093	95	241342	49.884	ug/L	95
35) Methylcyclohexane	9.337	83	429294	51.995	ug/L	99
37) 1,2-Dichloropropane	9.367	63	231081	49.662	ug/L	100
38) Bromodichloromethane	9.642	83	290672	50.399	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	361771	52.939	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	232998	99.978	ug/L	98
42) Toluene	10.386	91	978584	51.741	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	293219	53.119	ug/L	97

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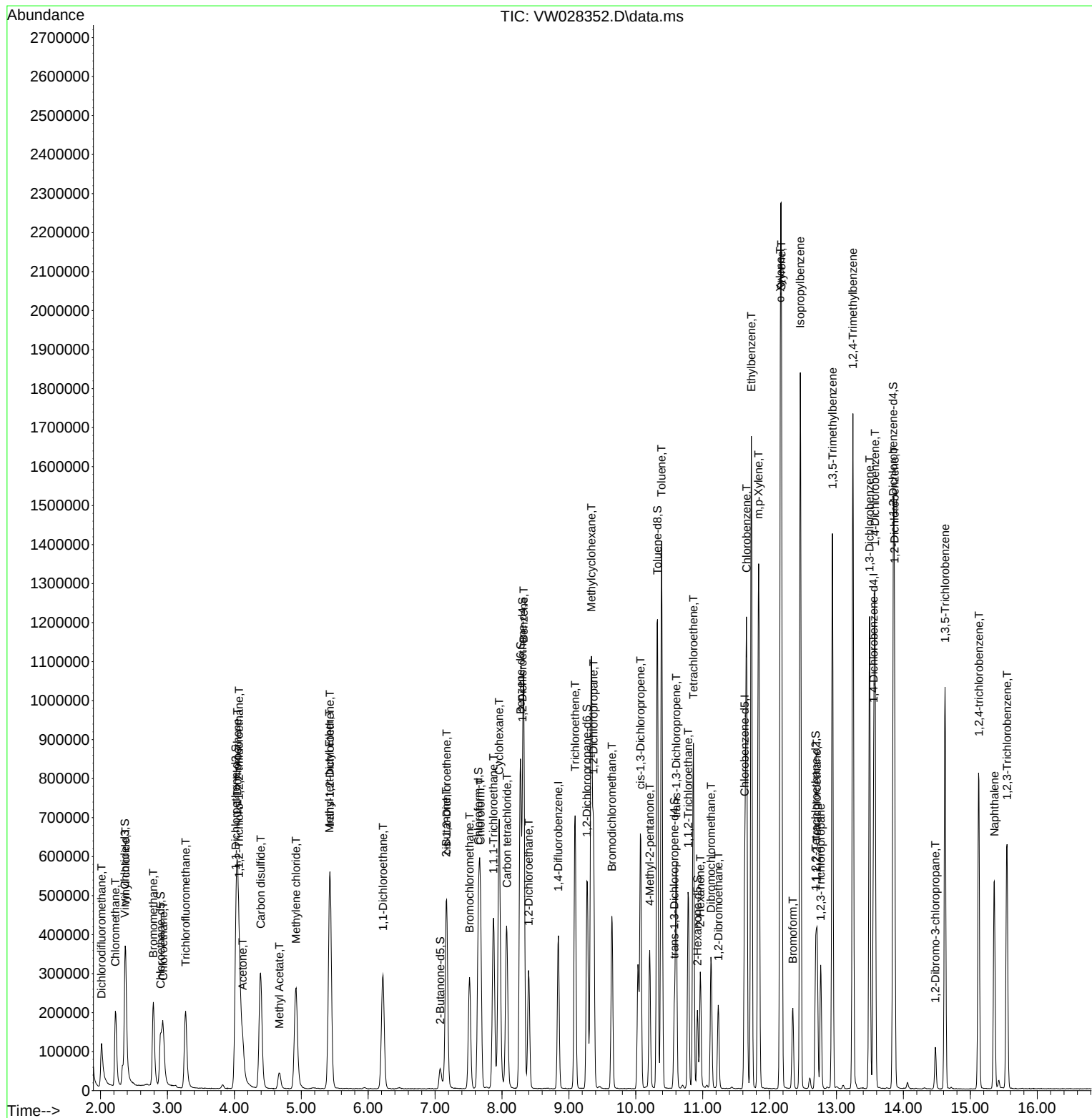
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	150970	47.961	ug/L	93
46) Tetrachloroethene	10.861	164	182831	50.592	ug/L	90
48) 2-Hexanone	10.965	43	189143	104.835	ug/L	96
49) Dibromochloromethane	11.123	129	169880	50.490	ug/L	99
50) 1,2-Dibromoethane	11.233	107	142760	49.687	ug/L	96
51) Chlorobenzene	11.654	112	579011	49.252	ug/L	98
52) Ethylbenzene	11.727	91	1114195	51.970	ug/L	99
53) m,p-Xylene	11.837	106	414094	51.938	ug/L	88
54) o-Xylene	12.160	106	392137	52.823	ug/L	99
55) Styrene	12.178	104	674881	53.415	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	169662	47.624	ug/L	98
59) Bromoform	12.349	173	91158	49.731	ug/L	100
60) Isopropylbenzene	12.458	105	1124067	53.994	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	124413	49.003	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	724220	54.579	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	871476	54.573	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	455418	51.555	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	456573	50.810	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	384642	49.502	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	26087	44.840	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	300098	49.369	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	239868	50.531	ug/L	95
71) Naphthalene	15.360	128	439484	52.313	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	203558	48.325	ug/L	97

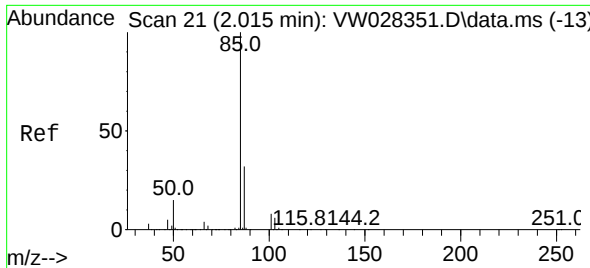
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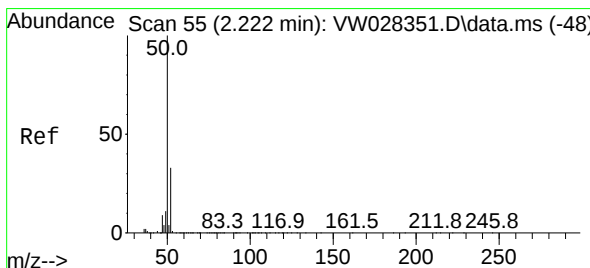
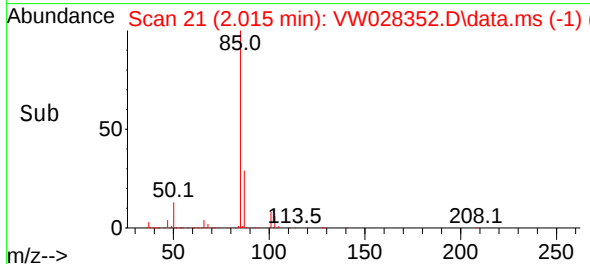
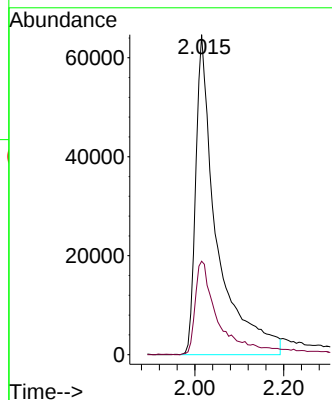
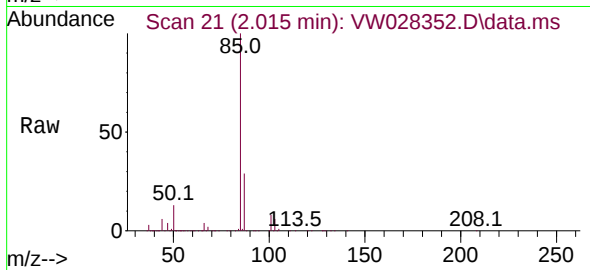




#2
Dichlorodifluoromethane
Concen: 50.307 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028352.D
Acq: 08 Apr 2024 11:45

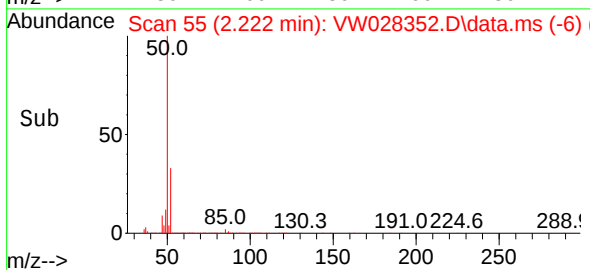
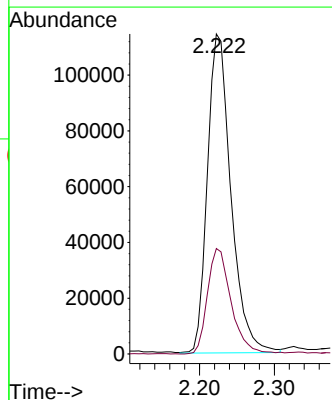
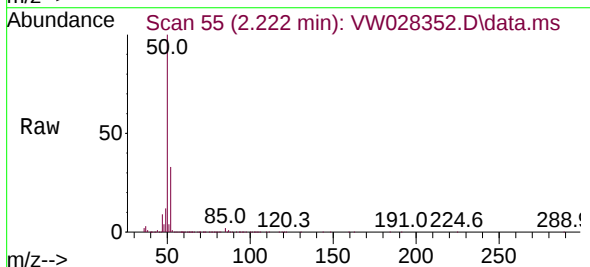
Instrument :
MSVOA_W
ClientSampleId :

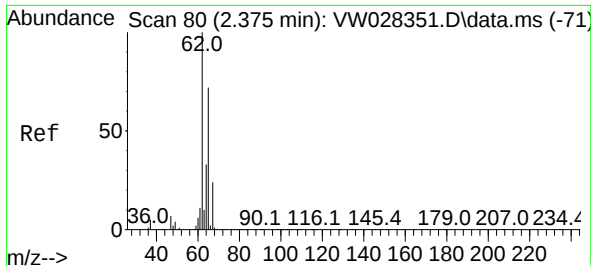
Tgt Ion: 85 Resp: 212757
Ion Ratio Lower Upper
85 100
87 28.2 23.4 35.0



#3
Chloromethane
Concen: 50.509 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW028352.D
Acq: 08 Apr 2024 11:45

Tgt Ion: 50 Resp: 250800
Ion Ratio Lower Upper
50 100
52 32.9 23.0 42.6

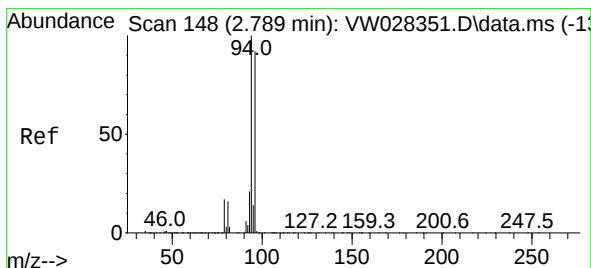
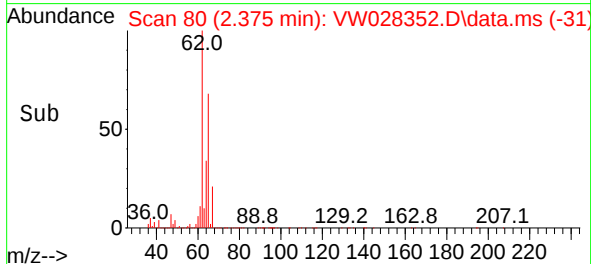
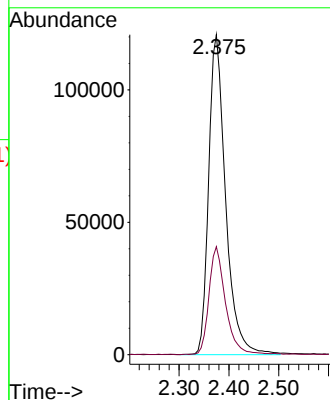
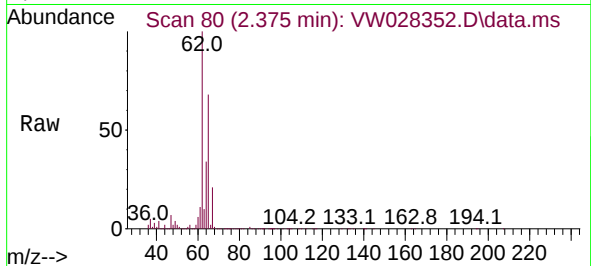




#5
 Vinyl chloride
 Concen: 48.190 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028352.D
 Acq: 08 Apr 2024 11:45

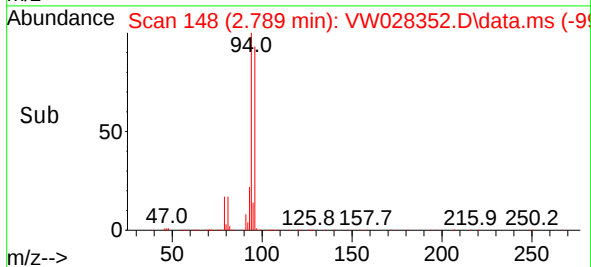
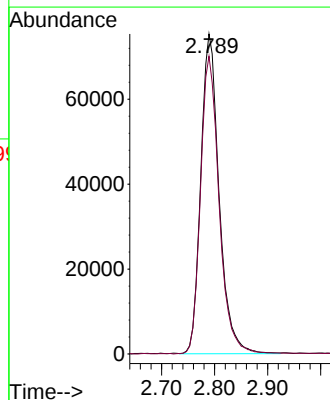
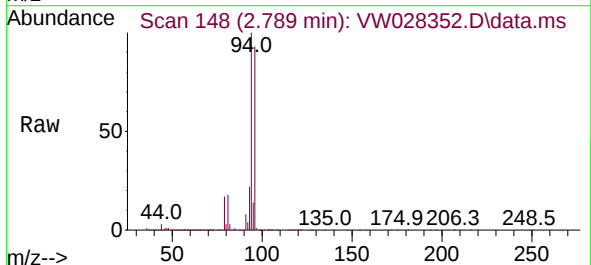
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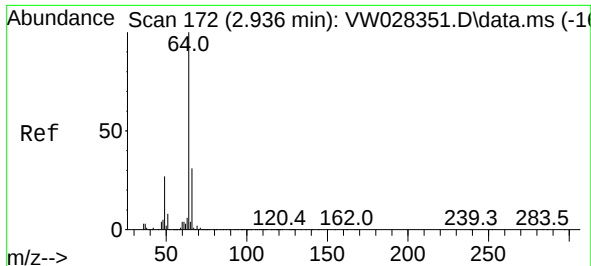
Tgt Ion: 62 Resp: 284964
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.1 42.9



#6
 Bromomethane
 Concen: 48.898 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW028352.D
 Acq: 08 Apr 2024 11:45

Tgt Ion: 94 Resp: 180649
 Ion Ratio Lower Upper
 94 100
 96 93.0 64.3 119.5

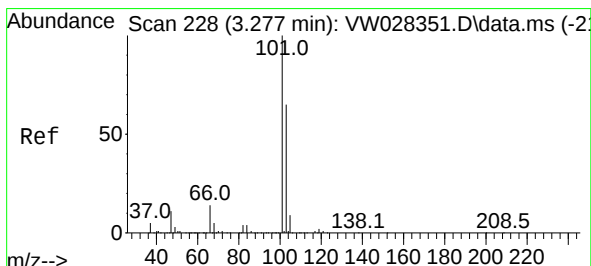
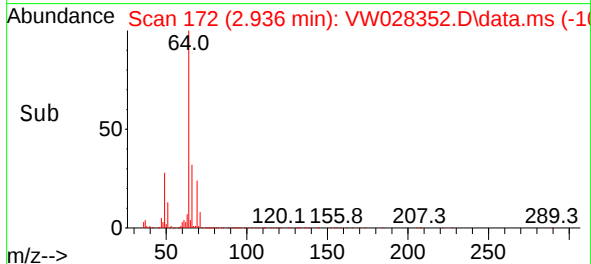
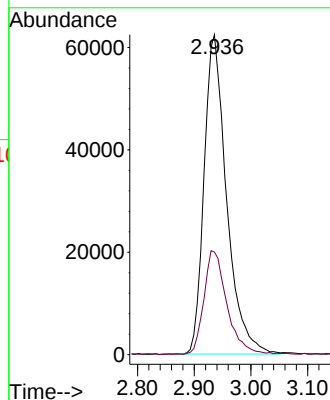
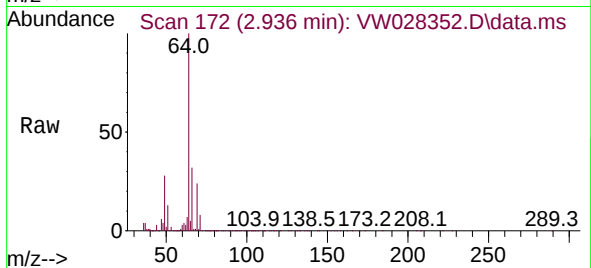




#8
Chloroethane
Concen: 48.231 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028352.D
Acq: 08 Apr 2024 11:45

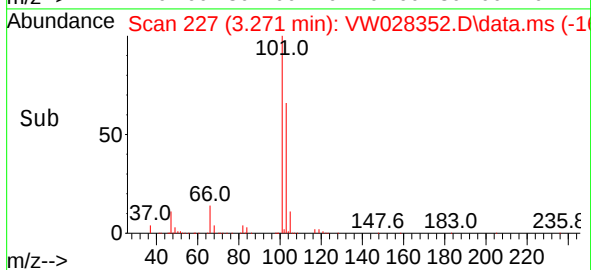
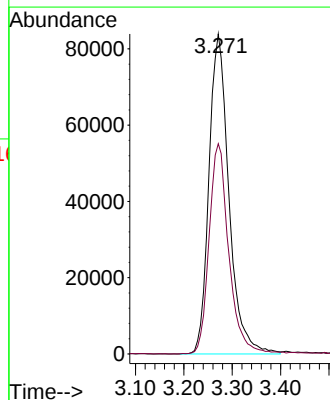
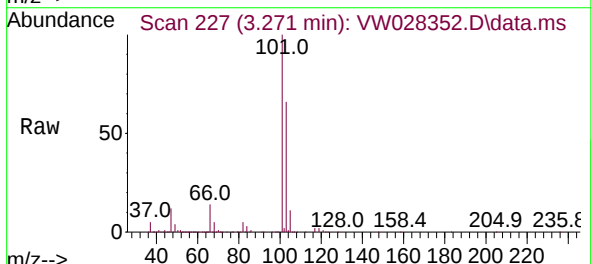
Instrument :
MSVOA_W
ClientSampleId :

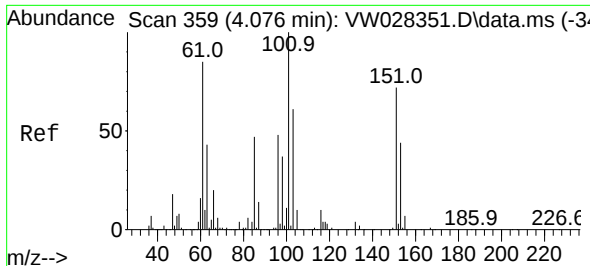
Tgt Ion: 64 Resp: 171926
Ion Ratio Lower Upper
64 100
66 32.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 50.978 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW028352.D
Acq: 08 Apr 2024 11:45

Tgt Ion:101 Resp: 240480
Ion Ratio Lower Upper
101 100
103 64.2 52.0 78.0





#10

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

Concen: 48.023 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :

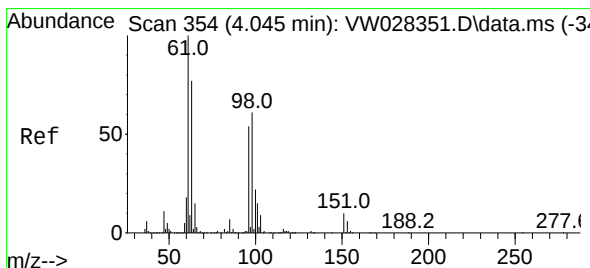
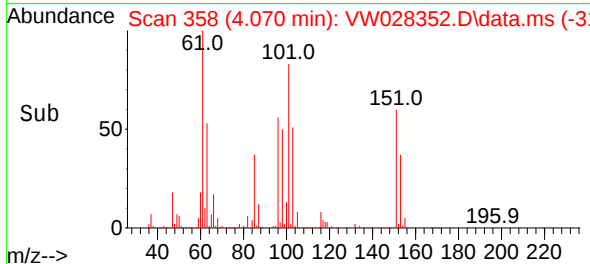
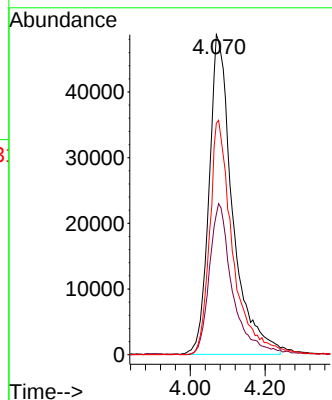
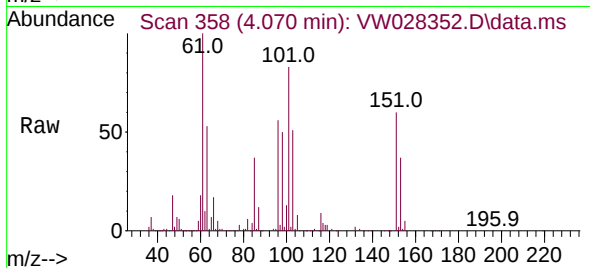
Tgt Ion:101 Resp: 212405

Ion Ratio Lower Upper

101 100

85 46.1 34.5 51.7

151 72.3 57.5 86.3



#12

1,1-Dichloroethene

Concen: 49.757 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

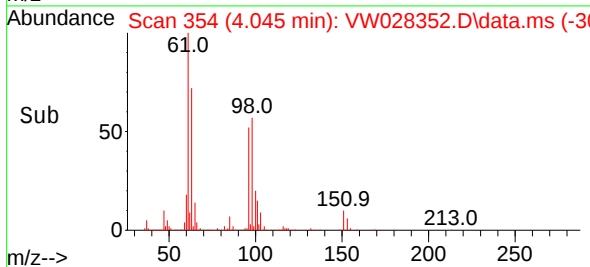
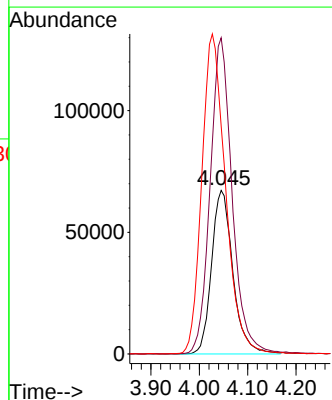
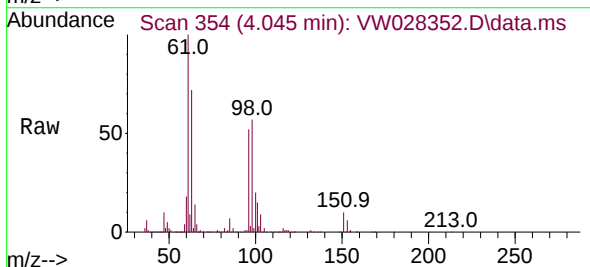
Tgt Ion: 96 Resp: 206016

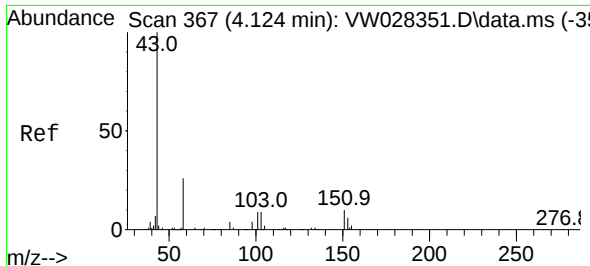
Ion Ratio Lower Upper

96 100

61 193.3 130.5 242.5

63 139.4 101.5 188.5

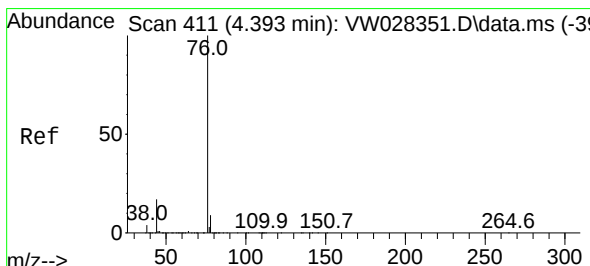
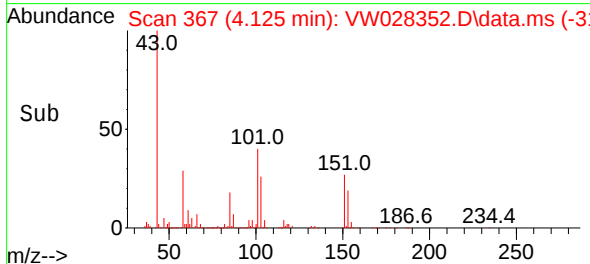
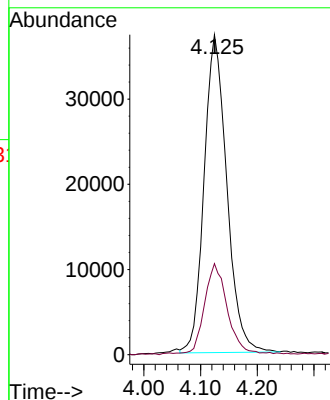
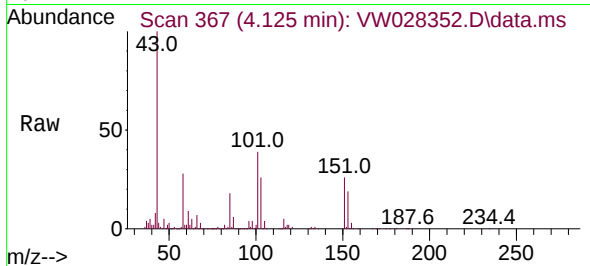




#13
Acetone
Concen: 94.387 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW028352.D
Acq: 08 Apr 2024 11:45

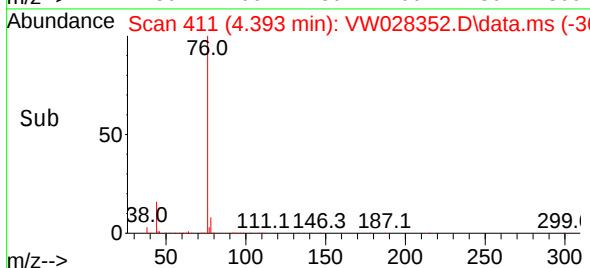
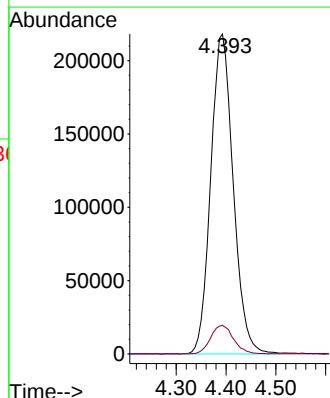
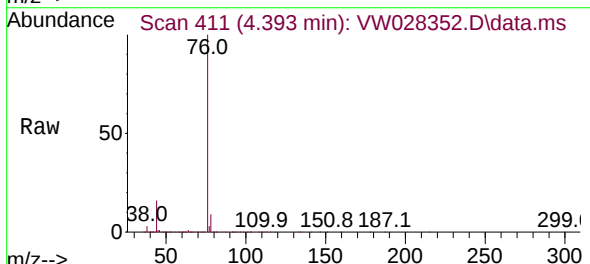
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MSVOA_W
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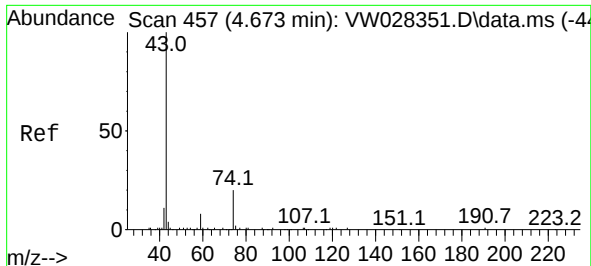
Tgt Ion: 43 Resp: 103672
Ion Ratio Lower Upper
43 100
58 28.2 0.0 53.4



#14
Carbon disulfide
Concen: 49.780 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028352.D
Acq: 08 Apr 2024 11:45

Tgt Ion: 76 Resp: 682946
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

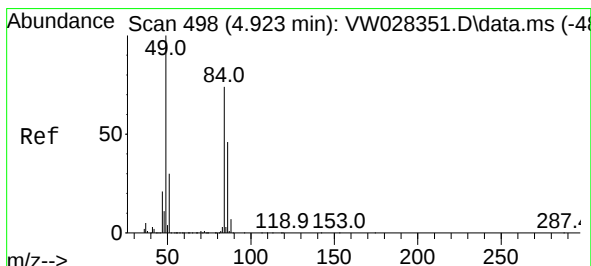
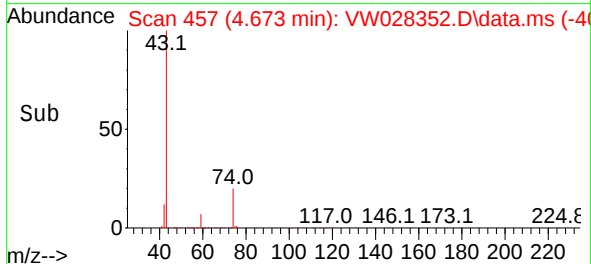
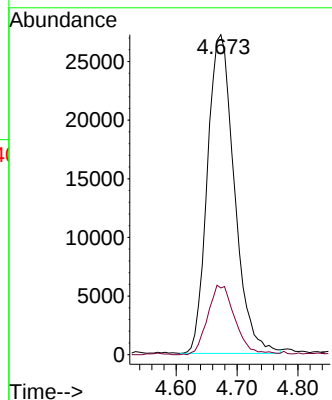
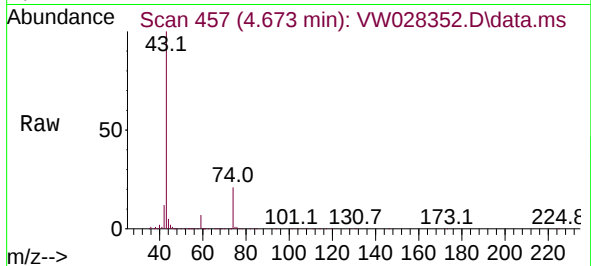




#15
Methyl Acetate
Concen: 44.869 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW028352.D
Acq: 08 Apr 2024 11:45

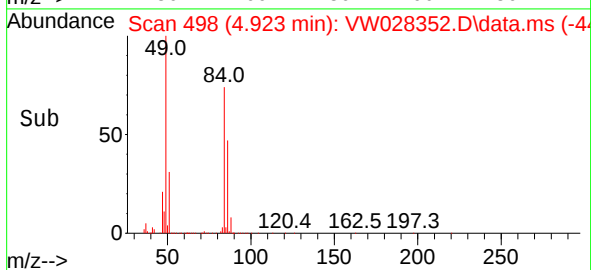
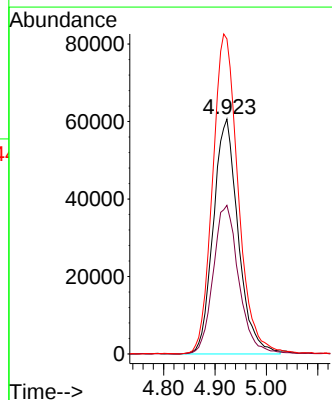
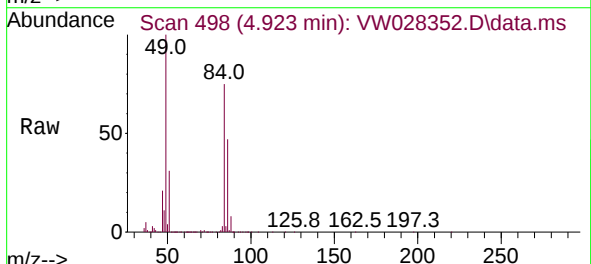
Instrument :
MSVOA_W
ClientSampleId :

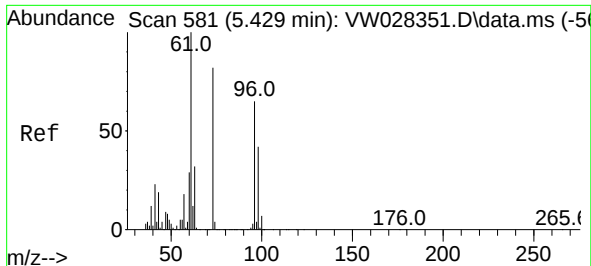
Tgt Ion: 43 Resp: 83616
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.0



#16
Methylene chloride
Concen: 43.046 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW028352.D
Acq: 08 Apr 2024 11:45

Tgt Ion: 84 Resp: 204249
Ion Ratio Lower Upper
84 100
86 63.3 44.2 82.0
49 134.2 95.0 176.4





#17

trans-1,2-Dichloroethene

Concen: 49.537 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :

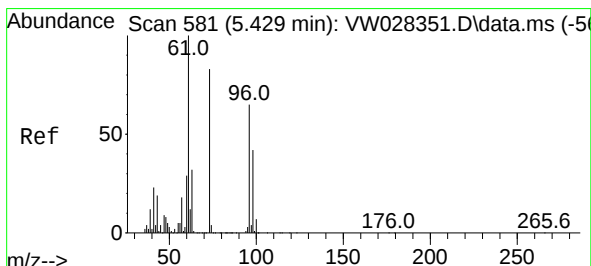
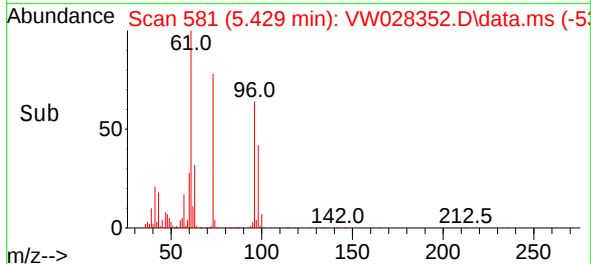
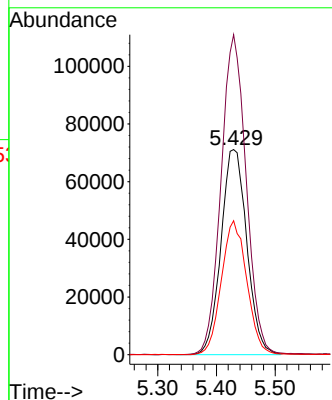
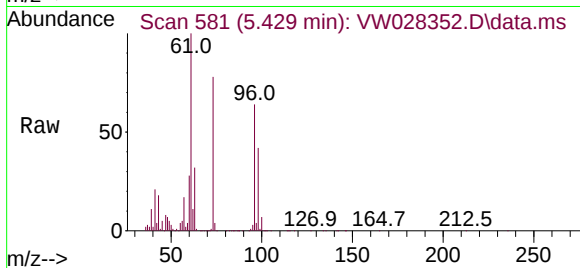
Tgt Ion: 96 Resp: 217445

Ion Ratio Lower Upper

96 100

61 156.0 108.4 201.4

98 65.3 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 48.867 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

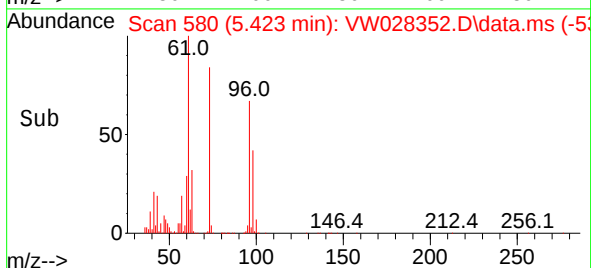
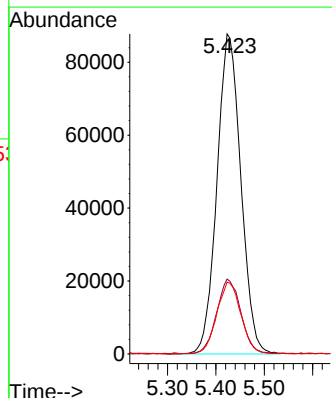
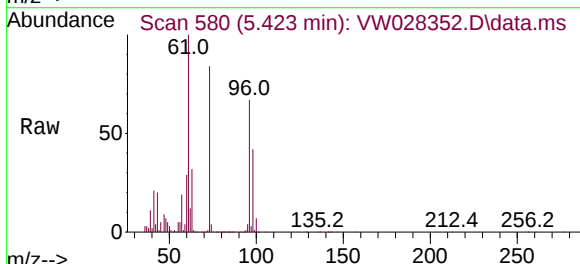
Tgt Ion: 73 Resp: 301086

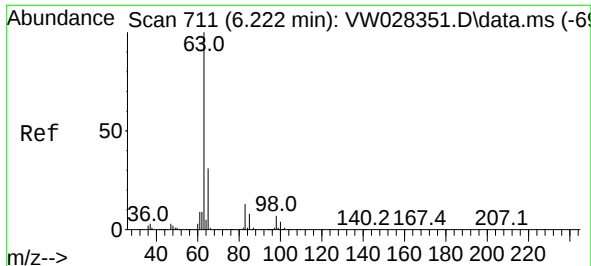
Ion Ratio Lower Upper

73 100

43 23.5 18.5 27.7

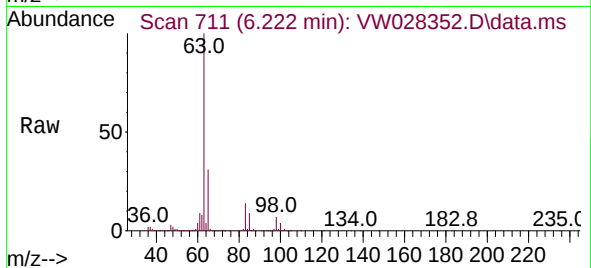
57 22.5 18.2 27.4



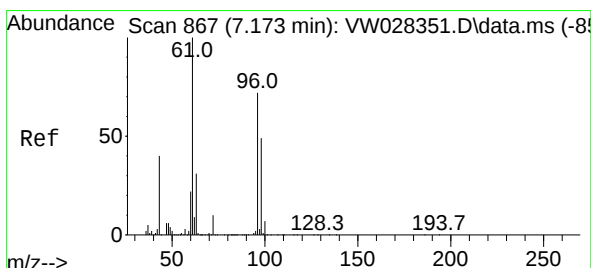
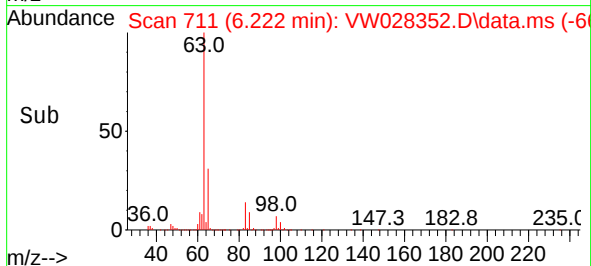
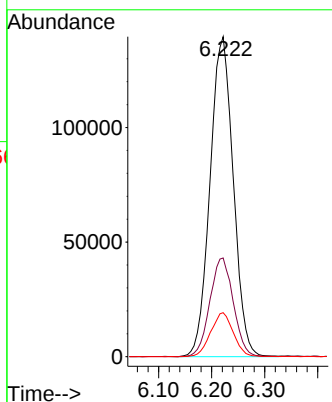


#19
1,1-Dichloroethane
Concen: 49.611 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.000 min
Lab File: VW028352.D
Acq: 08 Apr 2024 11:45

Instrument :
MSVOA_W
ClientSampleId :

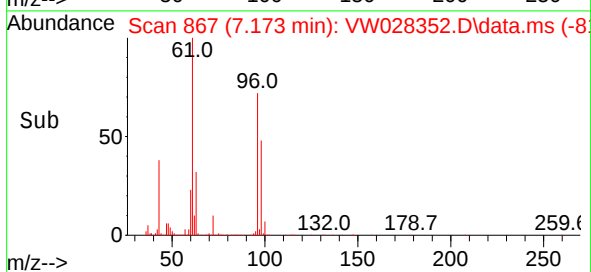
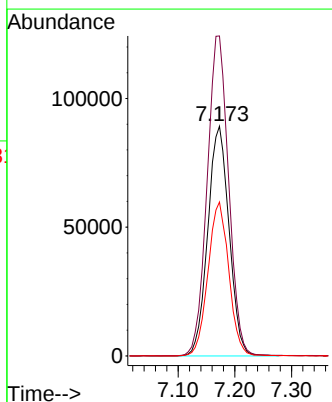
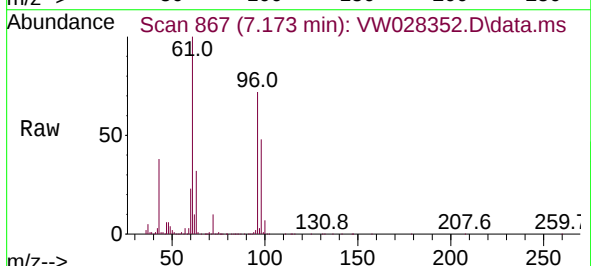


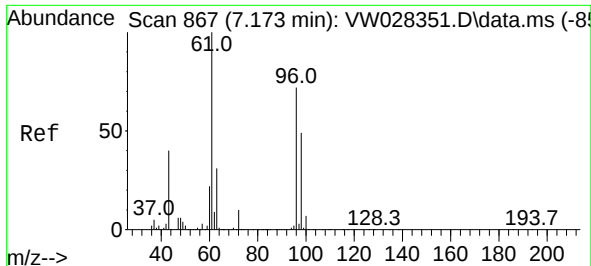
Tgt Ion: 63 Resp: 425188
Ion Ratio Lower Upper
63 100
65 30.9 21.8 40.4
83 13.8 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 50.051 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028352.D
Acq: 08 Apr 2024 11:45

Tgt Ion: 96 Resp: 233175
Ion Ratio Lower Upper
96 100
61 139.3 97.6 181.2
98 67.0 47.7 88.5

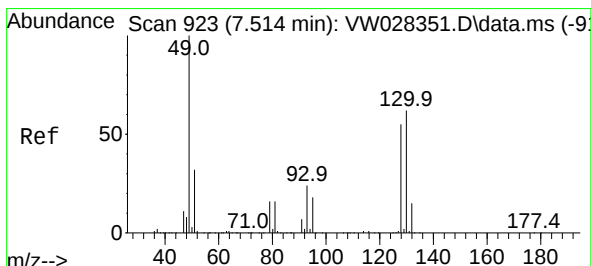
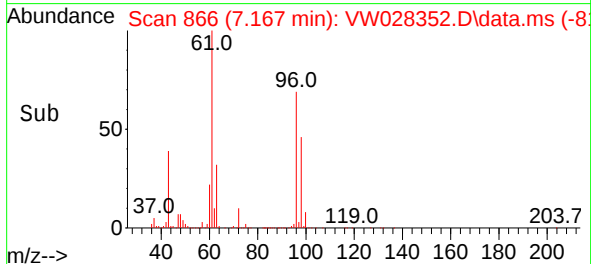
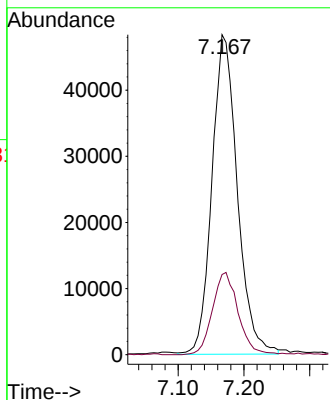
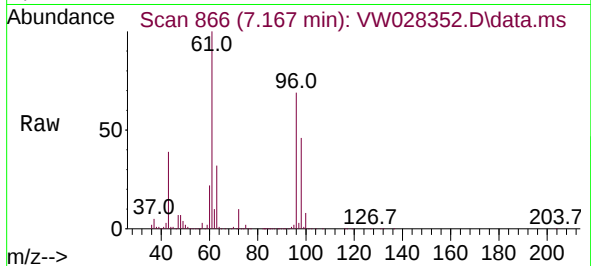




#22
2-Butanone
Concen: 96.888 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028352.D
Acq: 08 Apr 2024 11:45

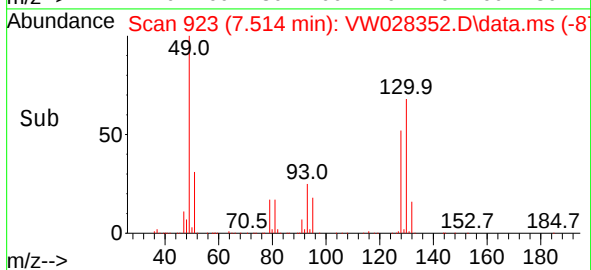
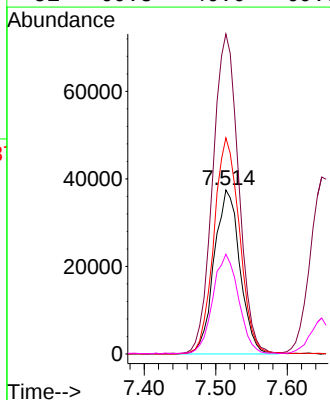
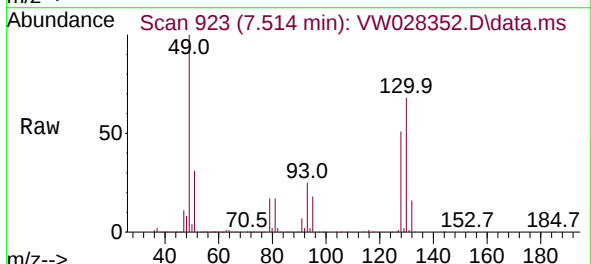
Instrument :
MSVOA_W
ClientSampleId :

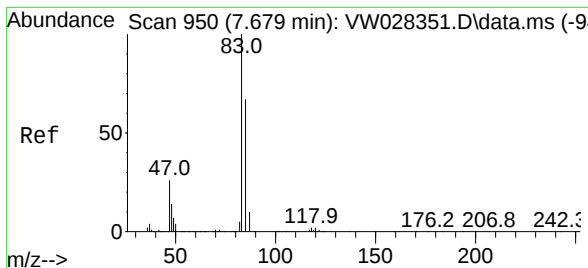
Tgt Ion: 43 Resp: 129877
Ion Ratio Lower Upper
43 100
72 26.1 12.8 38.4



#23
Bromochloromethane
Concen: 46.809 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028352.D
Acq: 08 Apr 2024 11:45

Tgt Ion: 128 Resp: 93930
Ion Ratio Lower Upper
128 100
49 195.0 127.1 236.0
130 131.8 78.3 145.5
51 60.8 46.0 69.0





#25

Chloroform

Concen: 49.251 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Instrument :

MSVOA_W

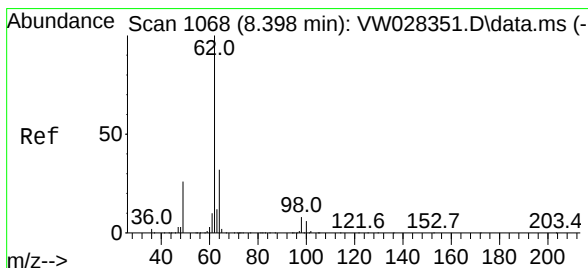
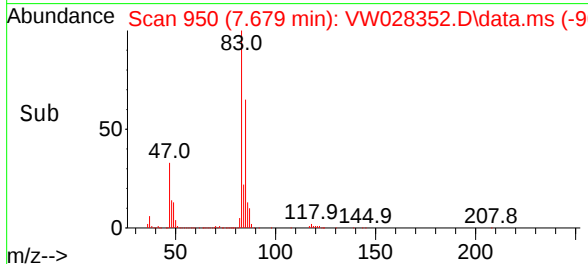
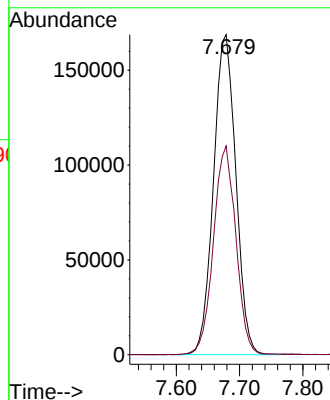
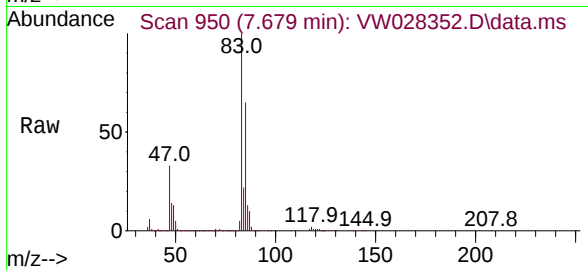
ClientSampleId :

Tgt Ion: 83 Resp: 413765

Ion Ratio Lower Upper

83 100

85 65.2 47.7 88.7



#27

1,2-Dichloroethane

Concen: 47.597 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028352.D

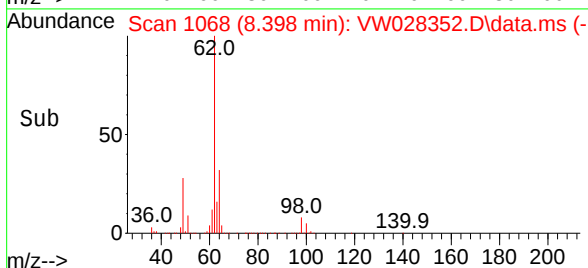
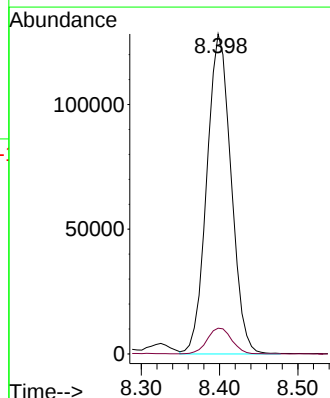
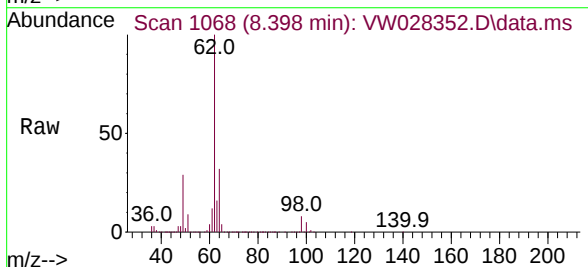
Acq: 08 Apr 2024 11:45

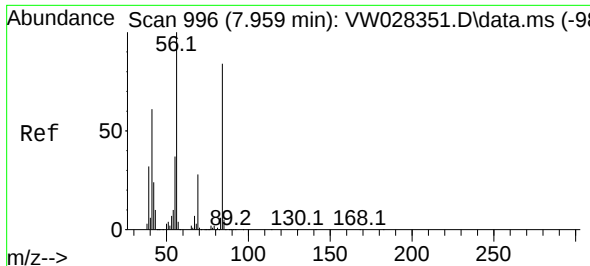
Tgt Ion: 62 Resp: 275990

Ion Ratio Lower Upper

62 100

98 8.1 6.6 10.0

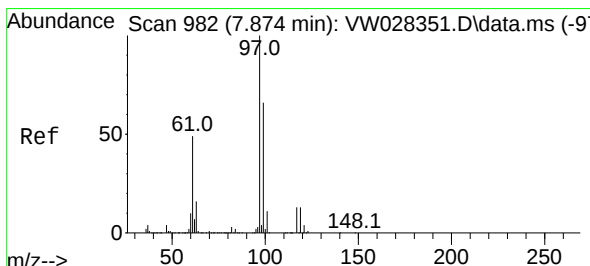
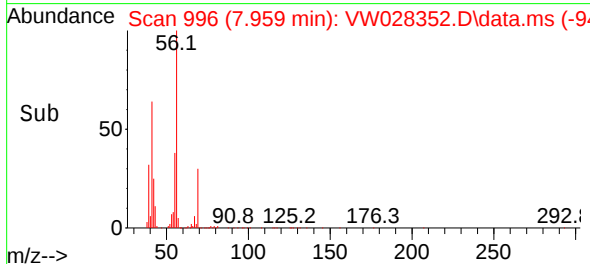
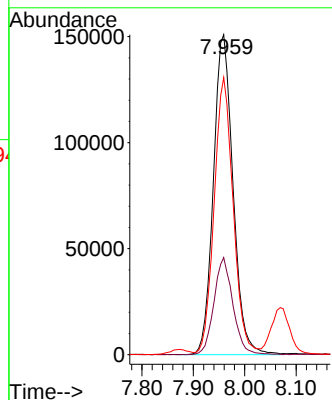
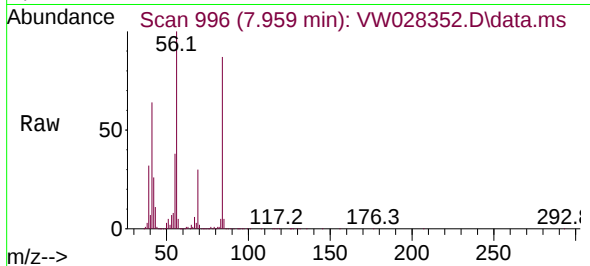




#29
Cyclohexane
Concen: 53.199 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW028352.D
Acq: 08 Apr 2024 11:45

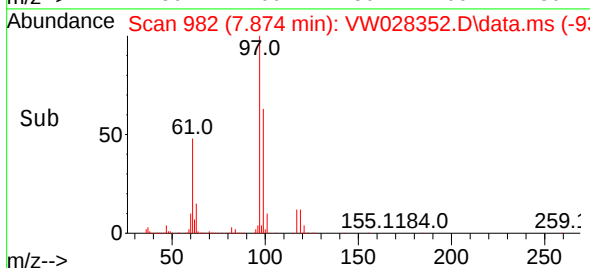
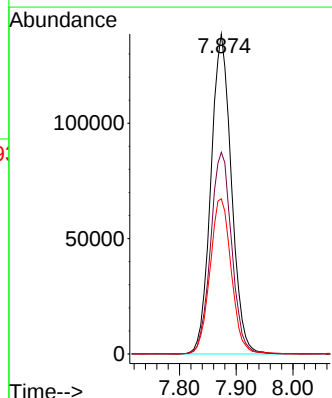
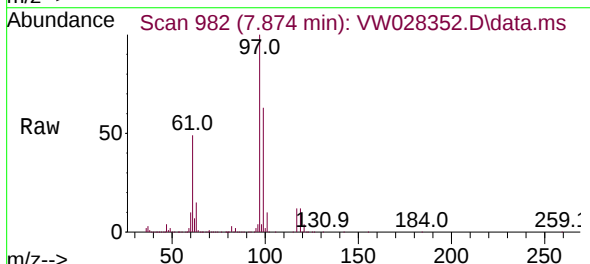
Instrument :
MSVOA_W
ClientSampleId :

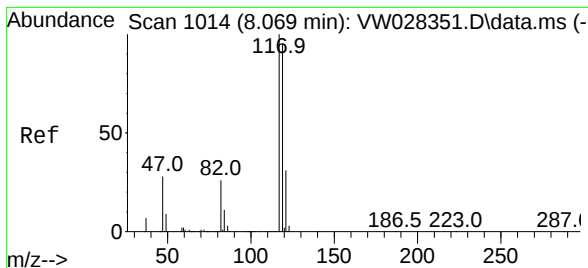
Tgt Ion: 56 Resp: 401238
Ion Ratio Lower Upper
56 100
69 29.2 23.8 35.6
84 83.8 65.9 98.9



#30
1,1,1-Trichloroethane
Concen: 50.250 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW028352.D
Acq: 08 Apr 2024 11:45

Tgt Ion: 97 Resp: 347978
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 50.3 40.5 60.7





#31

Carbon tetrachloride

Concen: 50.874 ug/L

RT: 8.075 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Instrument :

MSVOA_W

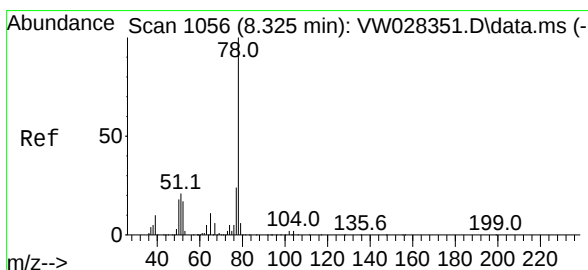
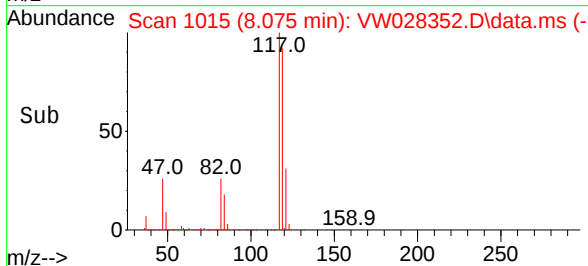
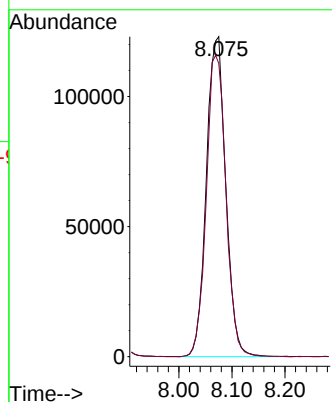
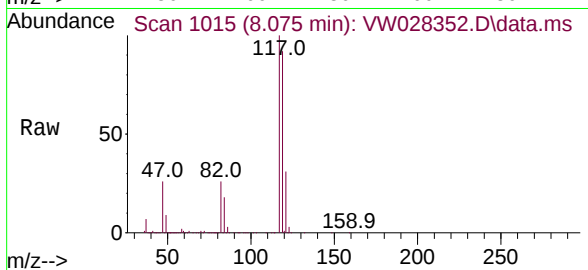
ClientSampleId :

Tgt Ion:117 Resp: 312412

Ion Ratio Lower Upper

117 100

119 95.4 77.4 116.2



#33

Benzene

Concen: 50.541 ug/L

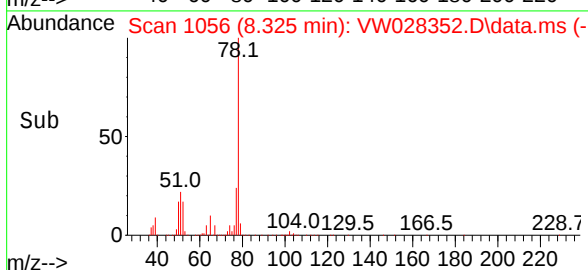
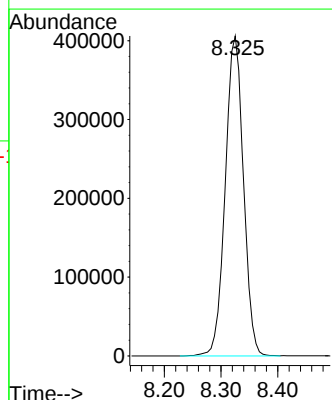
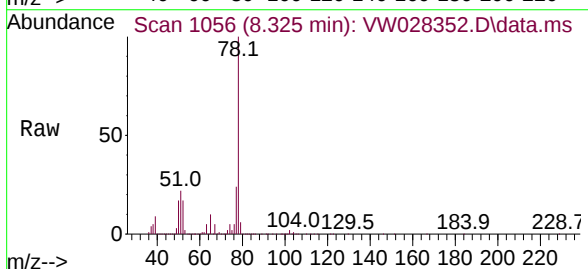
RT: 8.325 min Scan# 1056

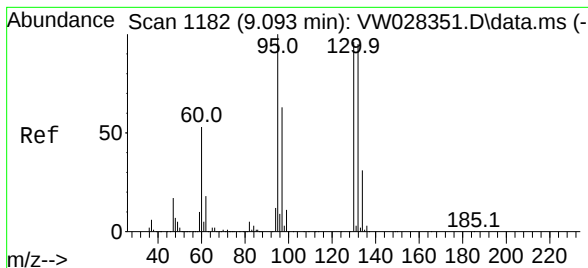
Delta R.T. 0.000 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Tgt Ion: 78 Resp: 902281





#34

Trichloroethene

Concen: 49.884 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

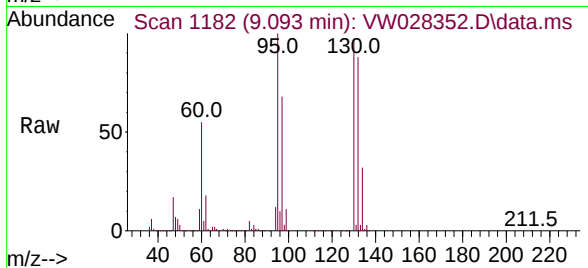
Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 241342

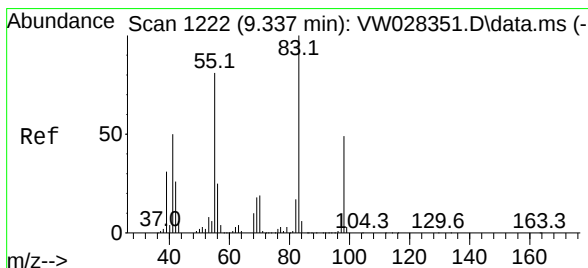
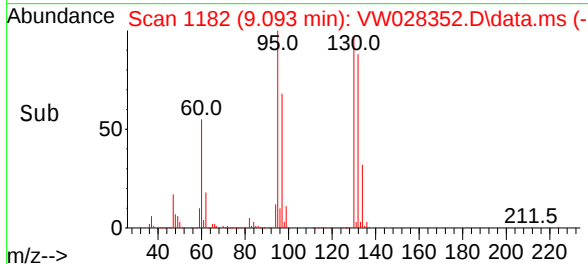
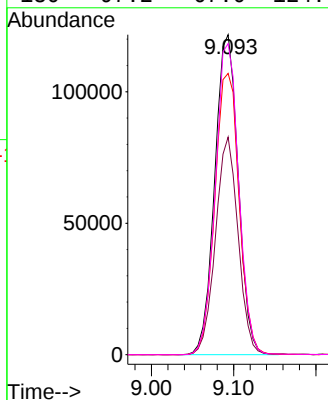
Ion Ratio Lower Upper

95 100

97 68.0 43.8 81.4

132 87.9 66.1 122.8

130 97.2 67.0 124.4



#35

Methylcyclohexane

Concen: 51.995 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

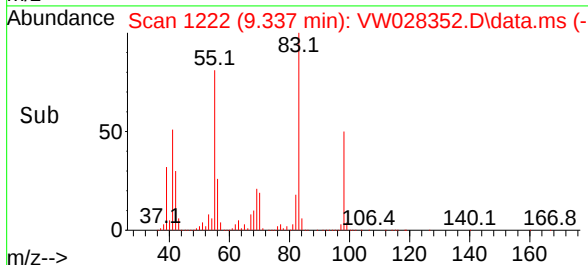
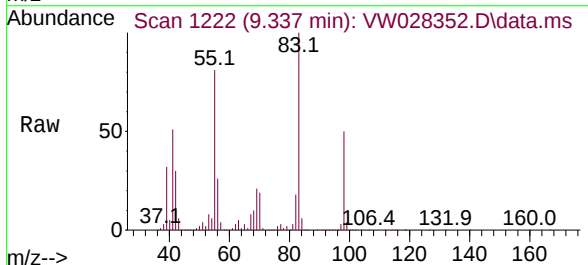
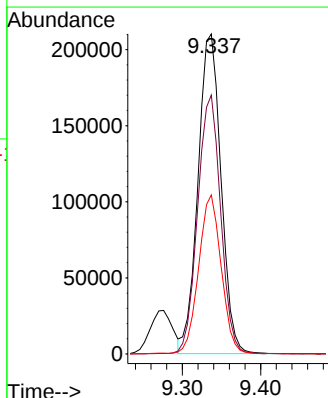
Tgt Ion: 83 Resp: 429294

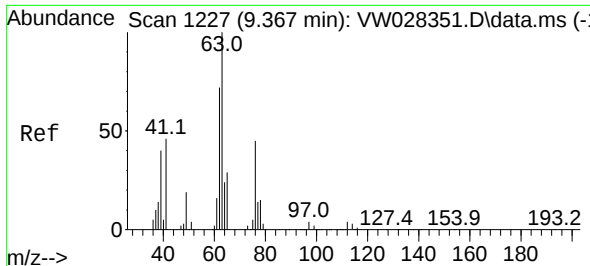
Ion Ratio Lower Upper

83 100

55 80.5 65.7 98.5

98 48.7 38.6 58.0





#37

1,2-Dichloropropane

Concen: 49.662 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Instrument :

MSVOA_W

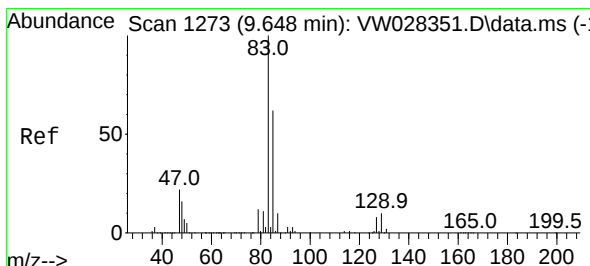
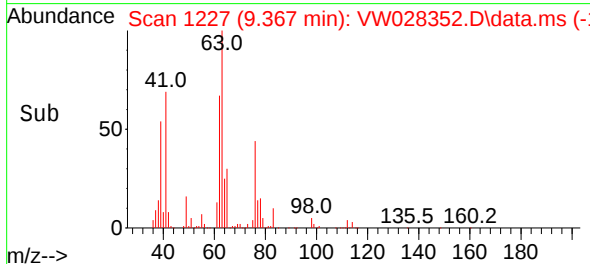
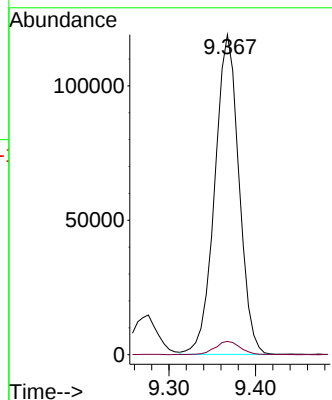
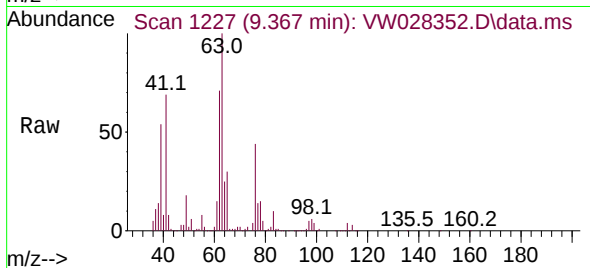
ClientSampleId :

Tgt Ion: 63 Resp: 231081

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 50.399 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

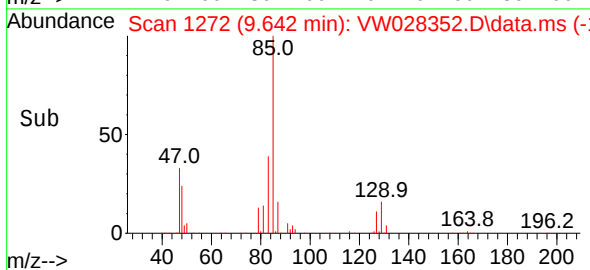
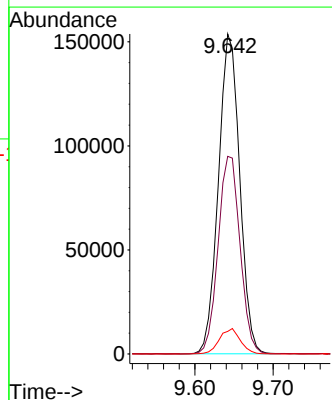
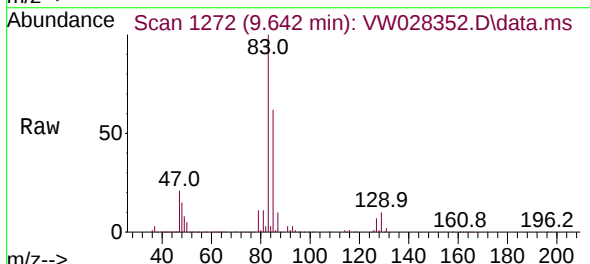
Tgt Ion: 83 Resp: 290672

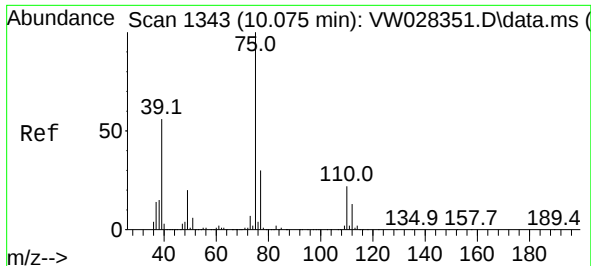
Ion Ratio Lower Upper

83 100

85 61.7 43.1 80.1

127 7.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 52.939 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Instrument :

MSVOA_W

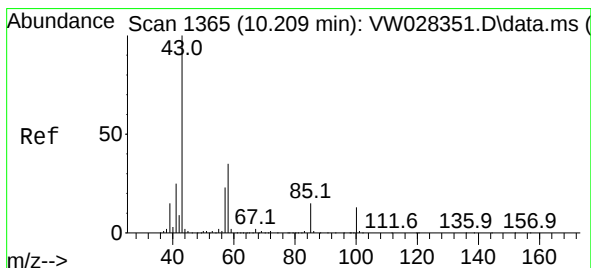
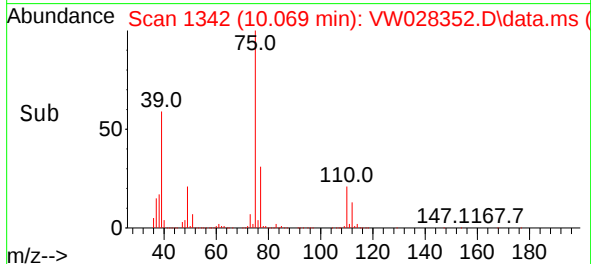
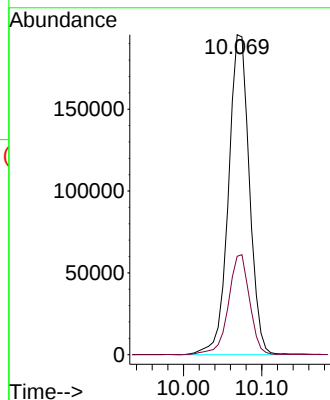
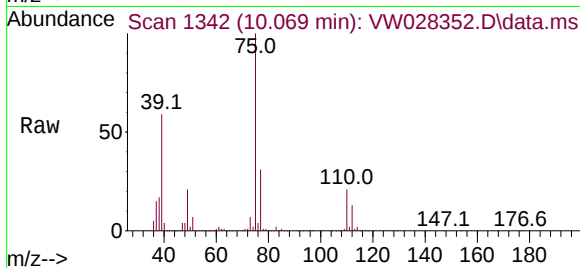
ClientSampleId :

Tgt Ion: 75 Resp: 361771

Ion Ratio Lower Upper

75 100

77 30.8 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 99.978 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

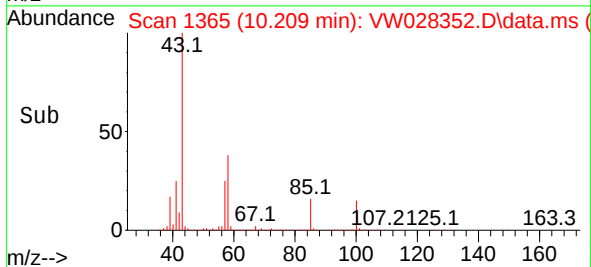
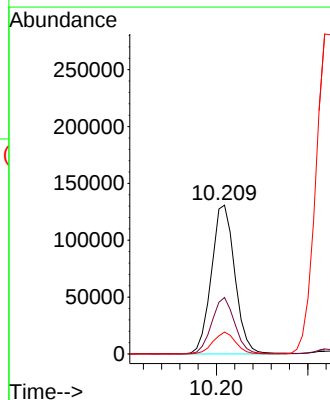
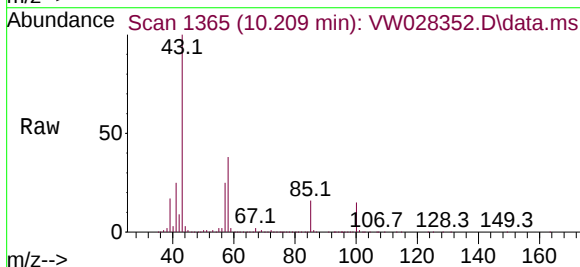
Tgt Ion: 43 Resp: 232998

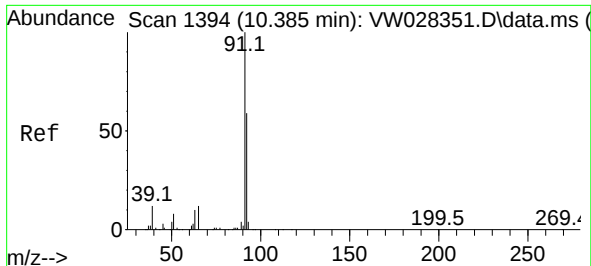
Ion Ratio Lower Upper

43 100

58 37.1 28.6 43.0

100 14.2 10.6 16.0





#42

Toluene

Concen: 51.741 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Instrument :

MSVOA_W

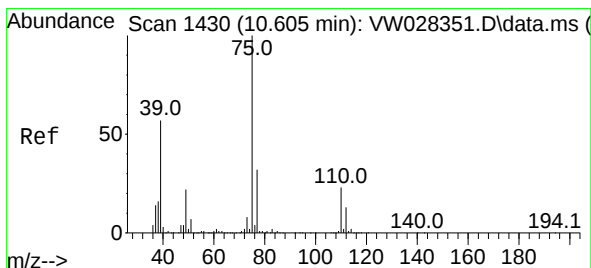
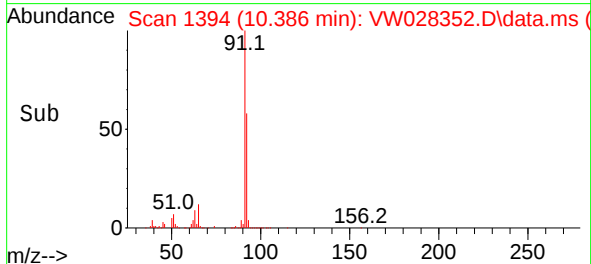
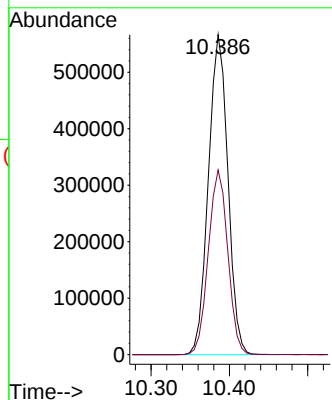
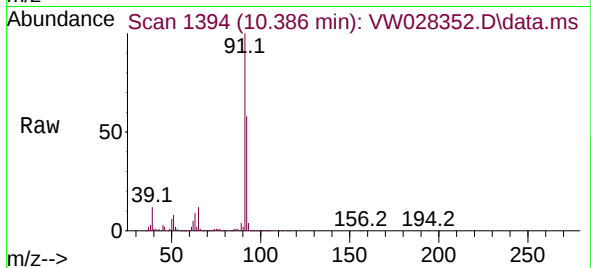
ClientSampleId :

Tgt Ion: 91 Resp: 978584

Ion Ratio Lower Upper

91 100

92 57.7 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 53.119 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028352.D

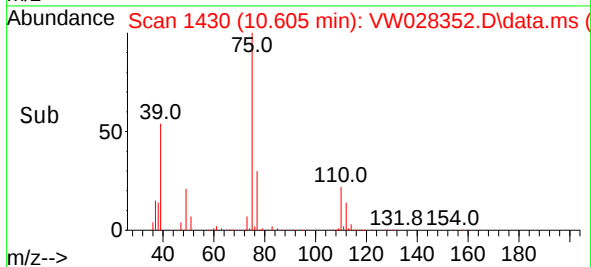
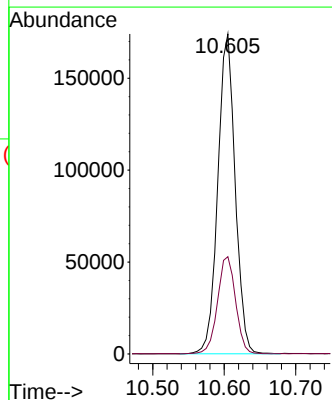
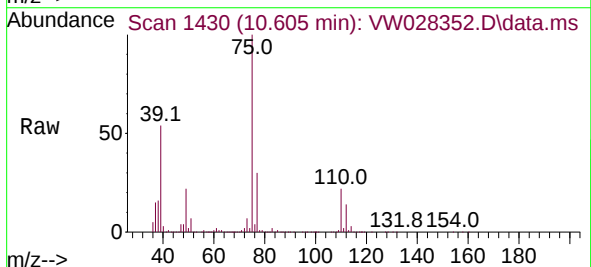
Acq: 08 Apr 2024 11:45

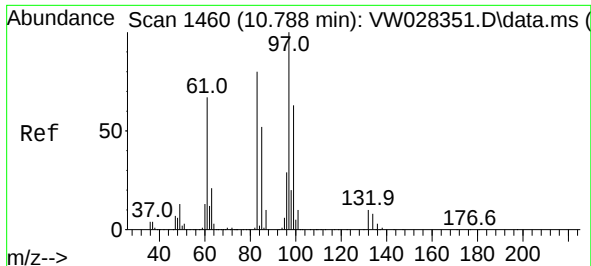
Tgt Ion: 75 Resp: 293219

Ion Ratio Lower Upper

75 100

77 30.4 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 47.961 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 150970

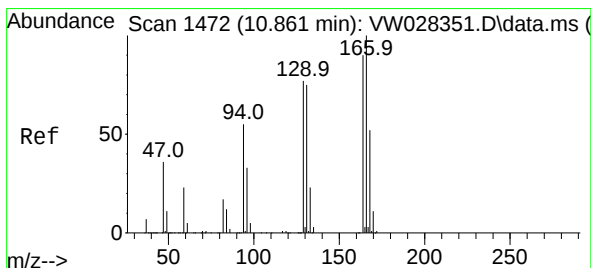
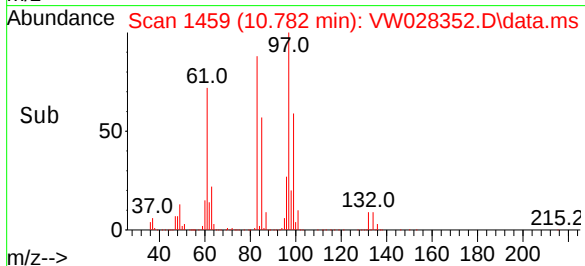
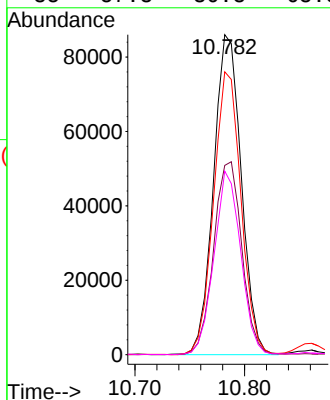
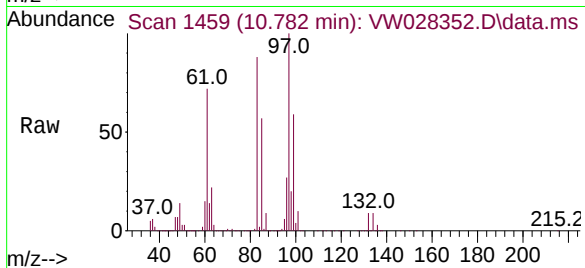
Ion Ratio Lower Upper

97 100

99 59.1 44.2 82.2

83 88.4 56.4 104.7

85 57.3 36.8 68.3



#46

Tetrachloroethene

Concen: 50.592 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Tgt Ion:164 Resp: 182831

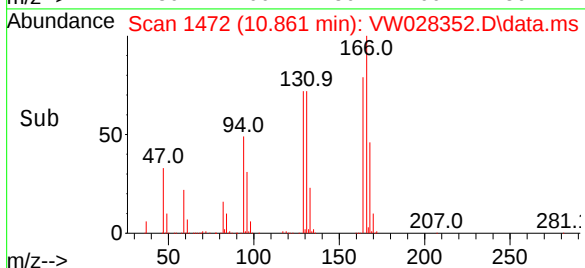
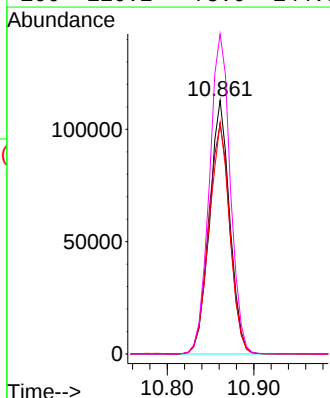
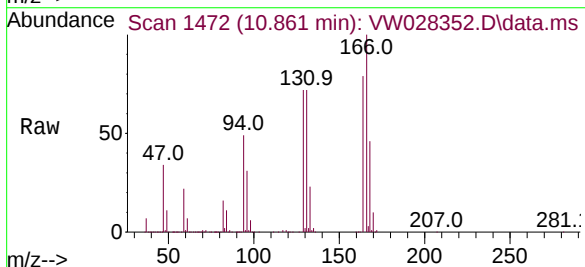
Ion Ratio Lower Upper

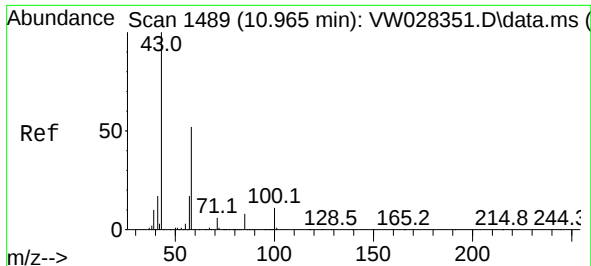
164 100

129 90.8 59.7 110.9

131 91.3 58.2 108.2

166 126.2 78.0 144.8





#48

2-Hexanone

Concen: 104.835 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

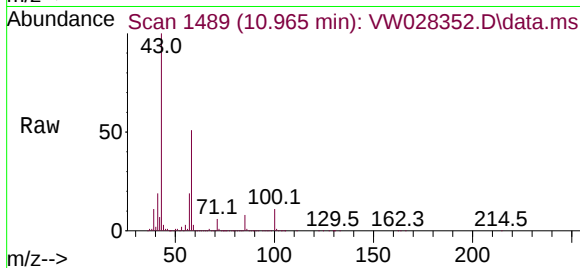
Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 189143

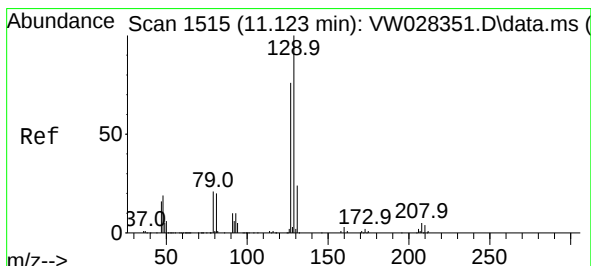
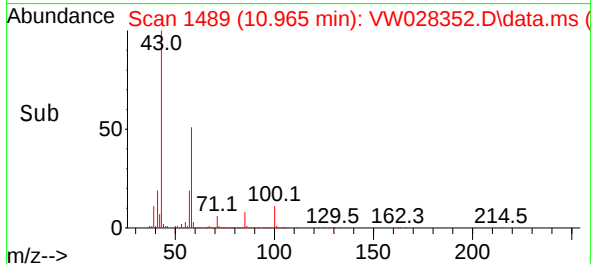
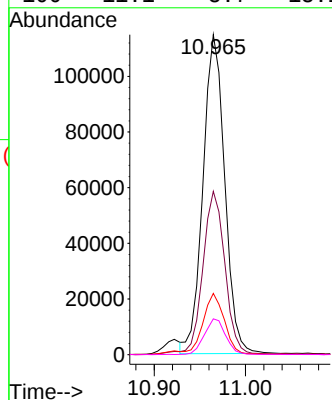
Ion Ratio Lower Upper

43 100

58 52.5 38.9 58.3

57 18.5 14.4 21.6

100 11.1 8.7 13.1



#49

Dibromochloromethane

Concen: 50.490 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW028352.D

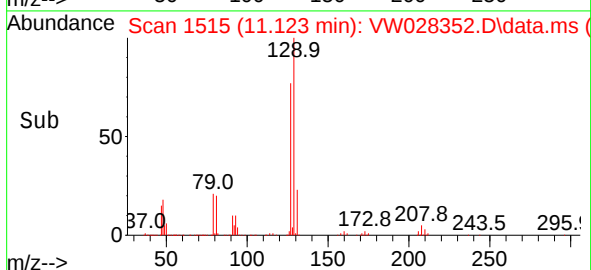
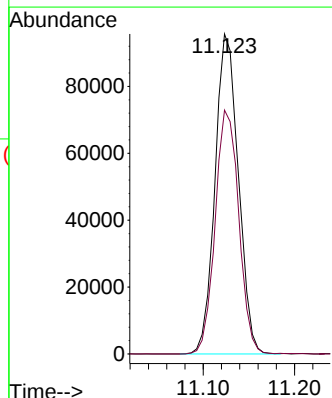
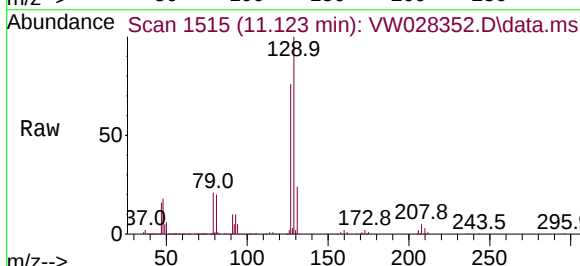
Acq: 08 Apr 2024 11:45

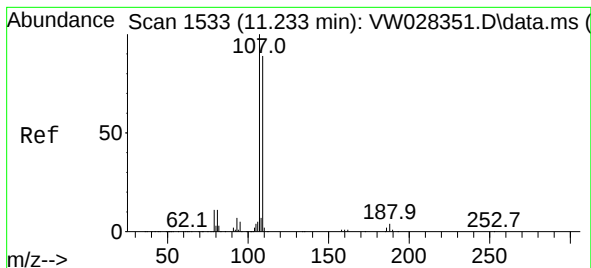
Tgt Ion: 129 Resp: 169880

Ion Ratio Lower Upper

129 100

127 76.2 53.0 98.4





#50

1,2-Dibromoethane

Concen: 49.687 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028352.D

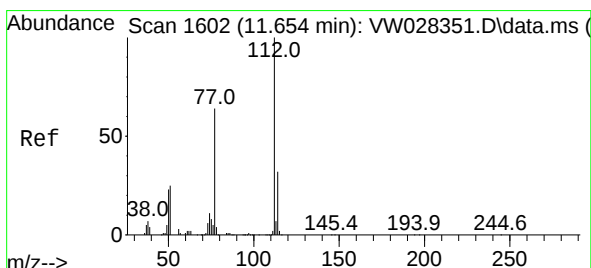
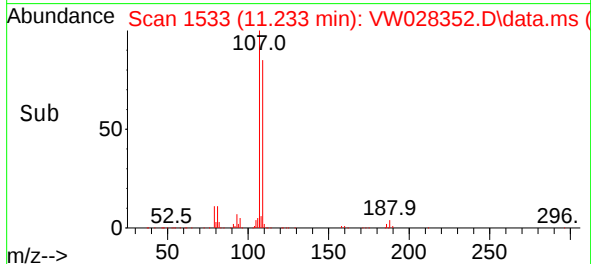
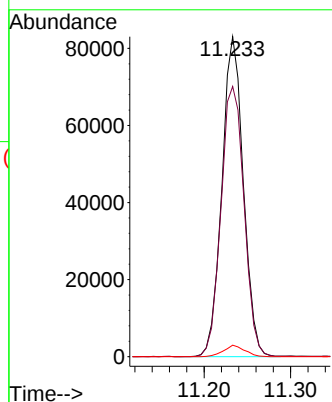
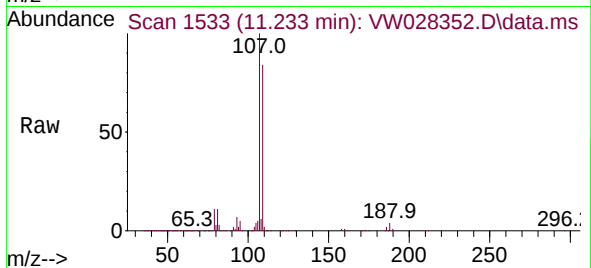
Acq: 08 Apr 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	142760
Ion	Ratio	Lower	Upper
107	100		
109	84.5	62.1	115.3
188	3.6	3.2	4.8



#51

Chlorobenzene

Concen: 49.252 ug/L

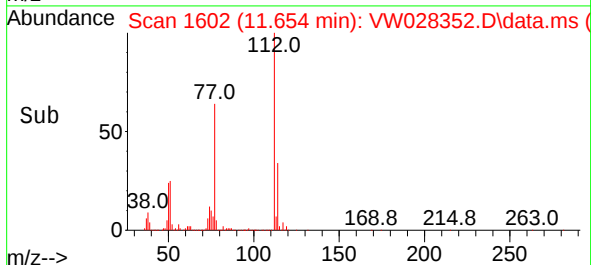
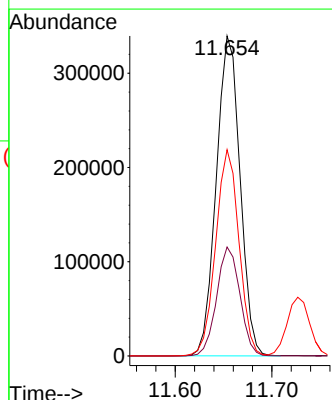
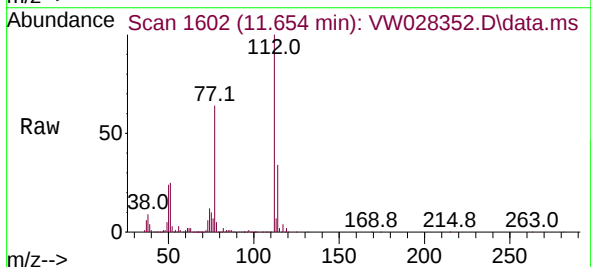
RT: 11.654 min Scan# 1602

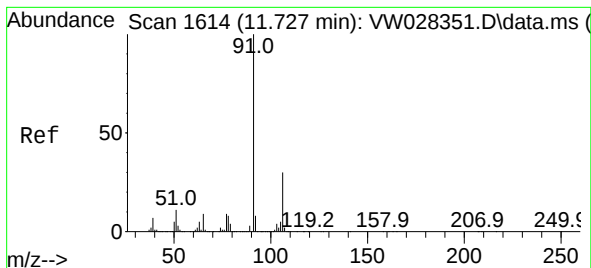
Delta R.T. 0.000 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Tgt Ion:	112	Resp:	579011
Ion	Ratio	Lower	Upper
112	100		
114	34.0	22.3	41.3
77	64.5	51.8	77.8

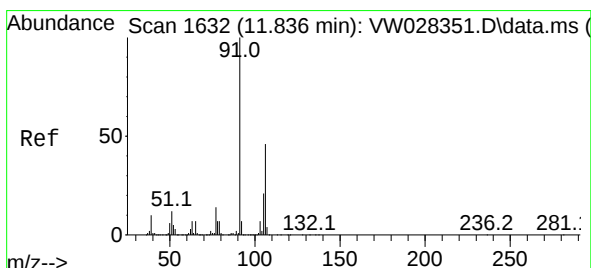
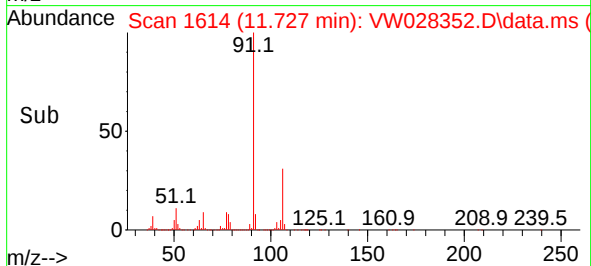
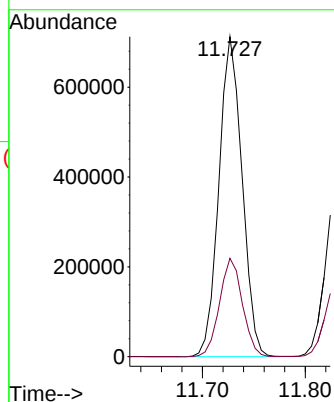
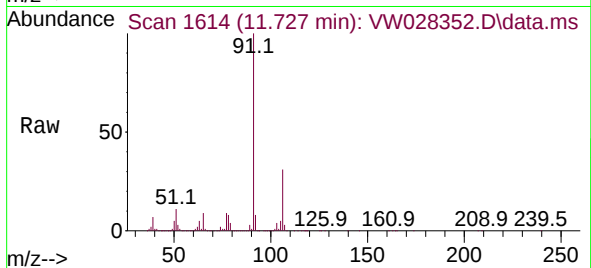




#52
Ethylbenzene
Concen: 51.970 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028352.D
Acq: 08 Apr 2024 11:45

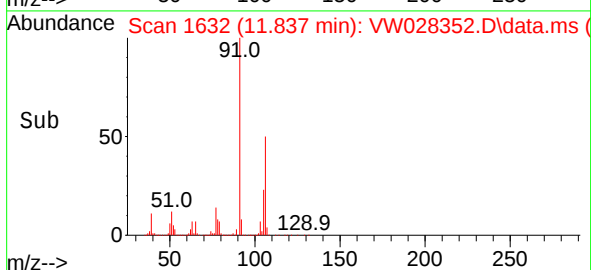
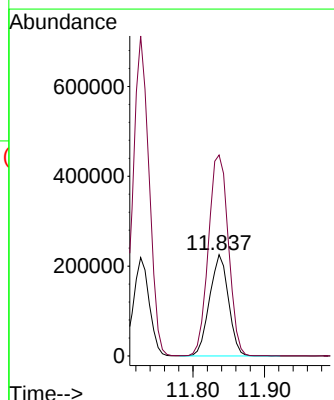
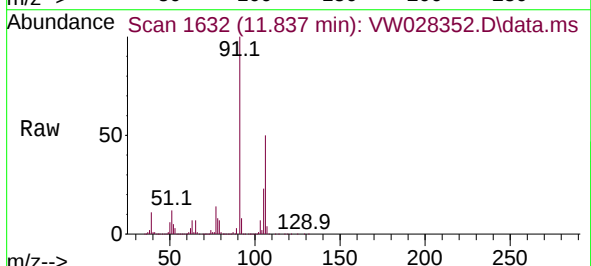
Instrument :
MSVOA_W
ClientSampleId :

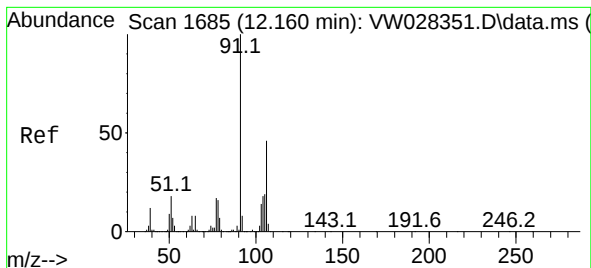
Tgt Ion: 91 Resp: 1114195
Ion Ratio Lower Upper
91 100
106 30.8 21.2 39.4



#53
m,p-Xylene
Concen: 51.938 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028352.D
Acq: 08 Apr 2024 11:45

Tgt Ion:106 Resp: 414094
Ion Ratio Lower Upper
106 100
91 198.5 152.4 283.0





#54

o-Xylene

Concen: 52.823 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Instrument :

MSVOA_W

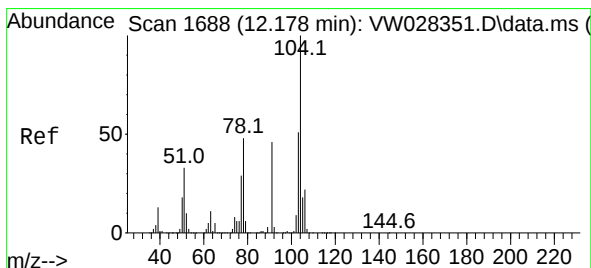
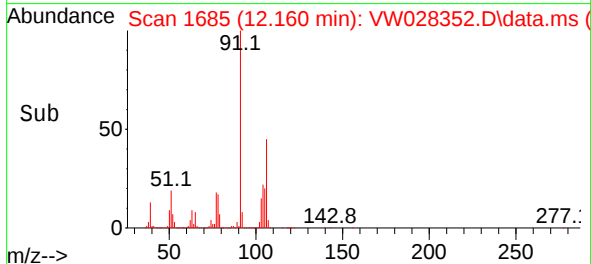
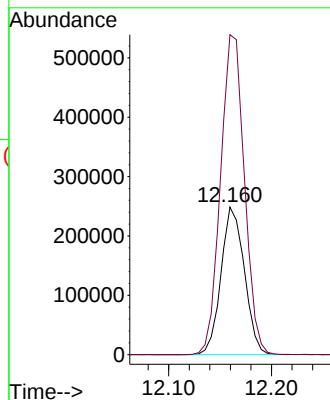
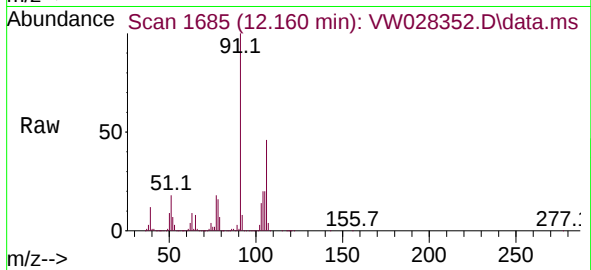
ClientSampleId :

Tgt Ion:106 Resp: 392137

Ion Ratio Lower Upper

106 100

91 217.0 152.9 283.9



#55

Styrene

Concen: 53.415 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028352.D

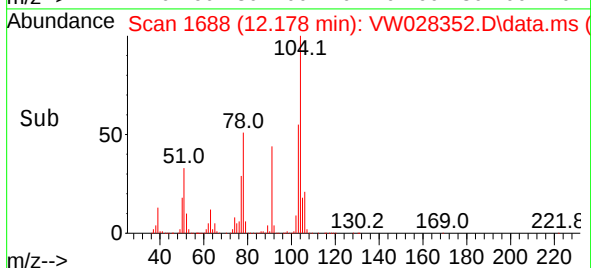
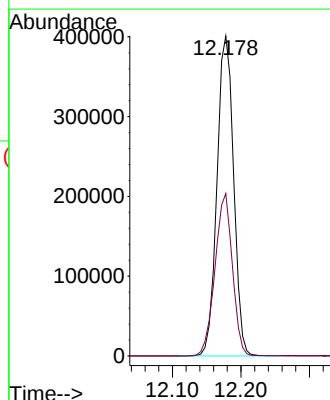
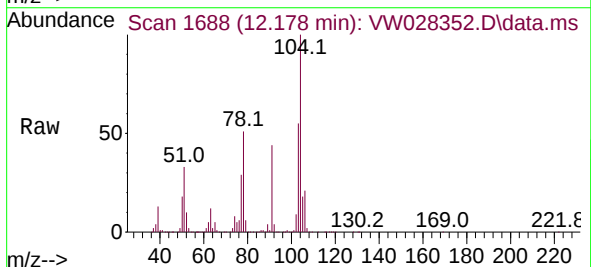
Acq: 08 Apr 2024 11:45

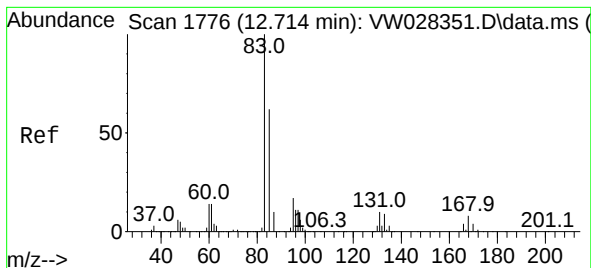
Tgt Ion:104 Resp: 674881

Ion Ratio Lower Upper

104 100

78 50.8 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 47.624 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :

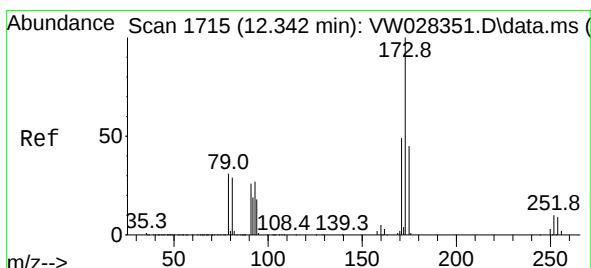
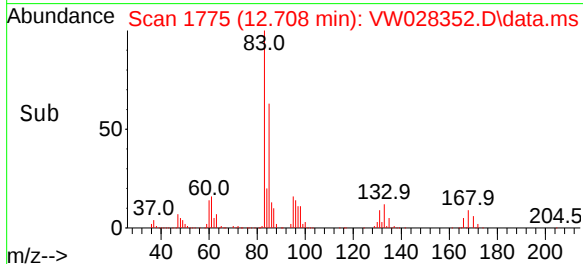
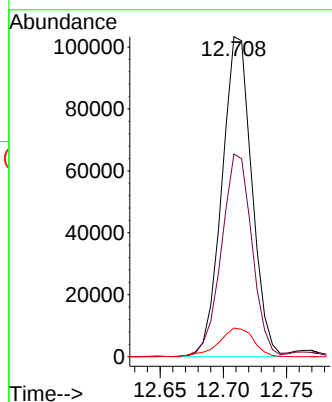
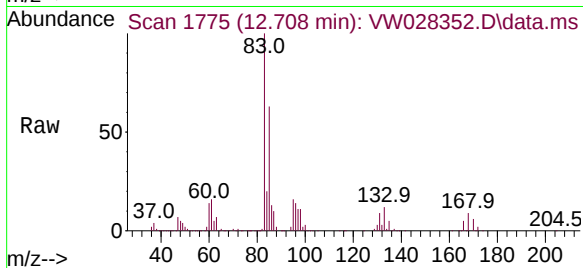
Tgt Ion: 83 Resp: 169662

Ion Ratio Lower Upper

83 100

85 63.3 43.4 80.6

131 9.0 8.0 12.0



#59

Bromoform

Concen: 49.731 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

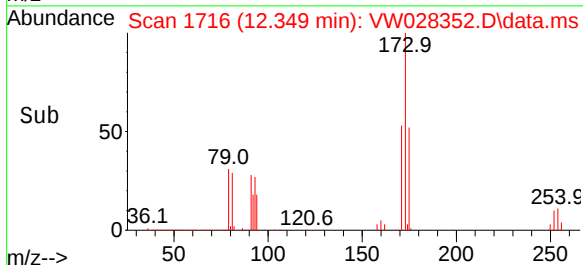
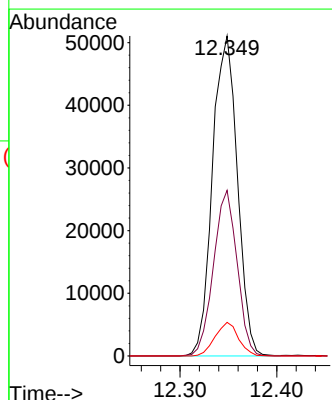
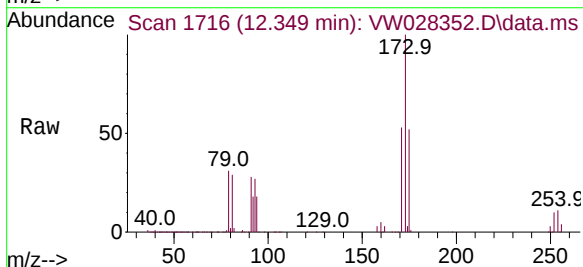
Tgt Ion:173 Resp: 91158

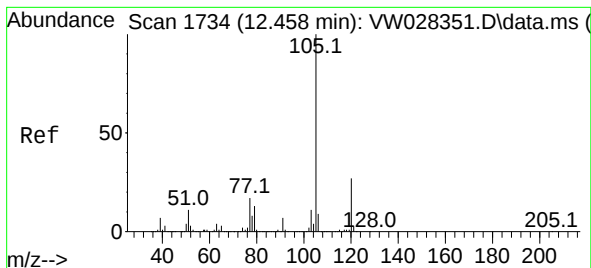
Ion Ratio Lower Upper

173 100

175 49.0 39.2 58.8

254 9.9 8.3 12.5





#60

Isopropylbenzene

Concen: 53.994 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

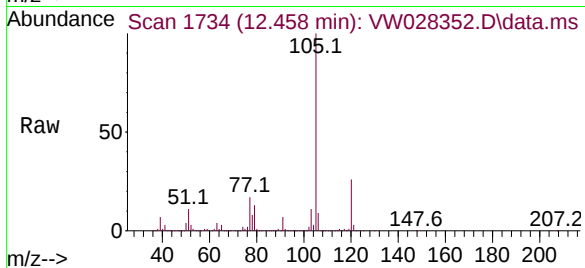
Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :



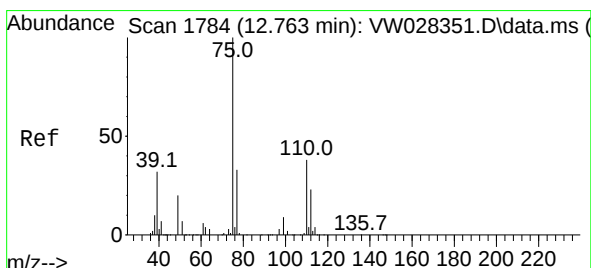
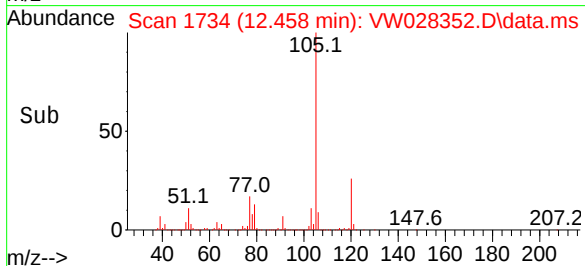
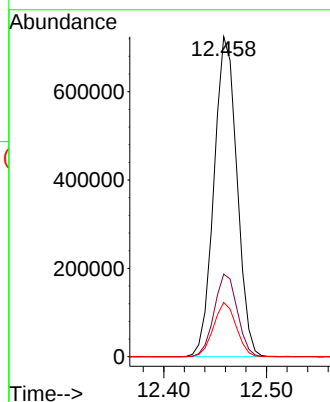
Tgt Ion:105 Resp: 1124067

Ion Ratio Lower Upper

105 100

120 26.0 20.8 31.2

77 16.7 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 49.003 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

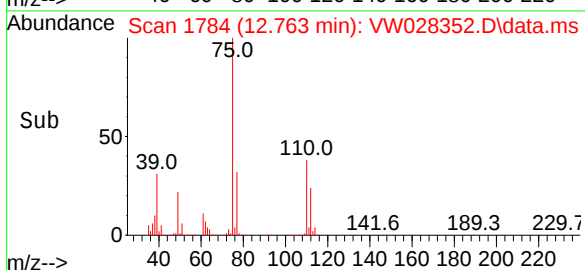
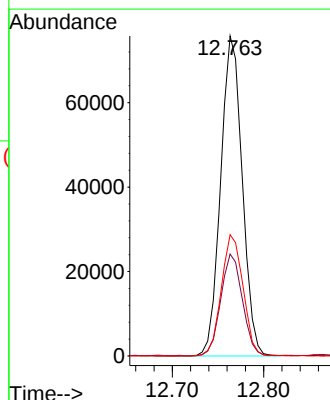
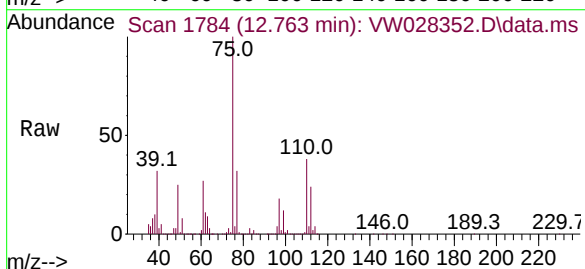
Tgt Ion: 75 Resp: 124413

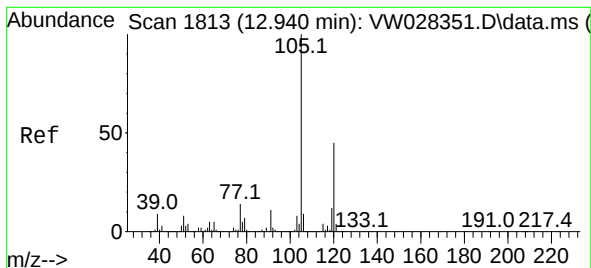
Ion Ratio Lower Upper

75 100

77 32.0 26.1 39.1

110 38.1 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 54.579 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Instrument :

MSVOA_W

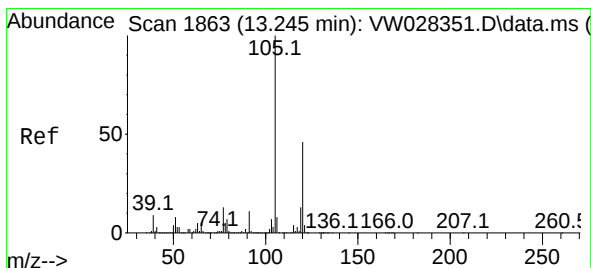
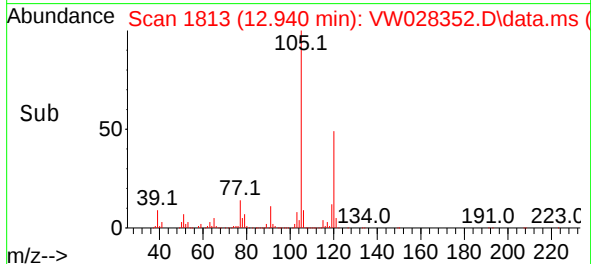
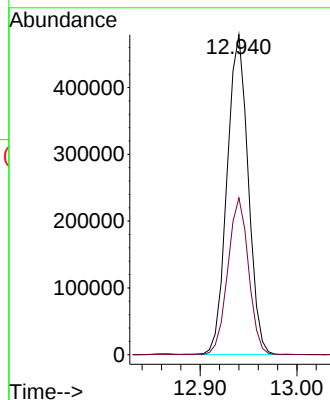
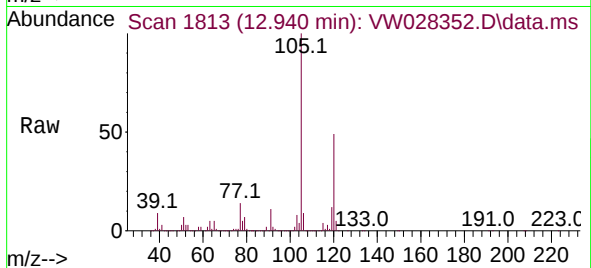
ClientSampleId :

Tgt Ion:105 Resp: 724220

Ion Ratio Lower Upper

105 100

120 48.0 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 54.573 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028352.D

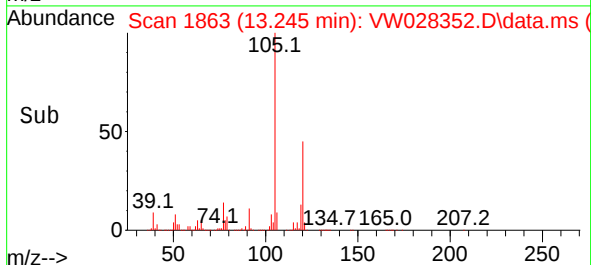
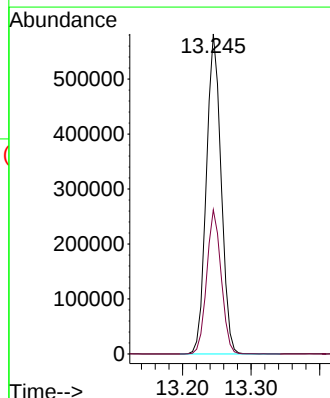
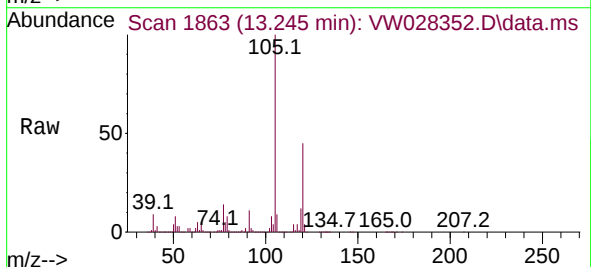
Acq: 08 Apr 2024 11:45

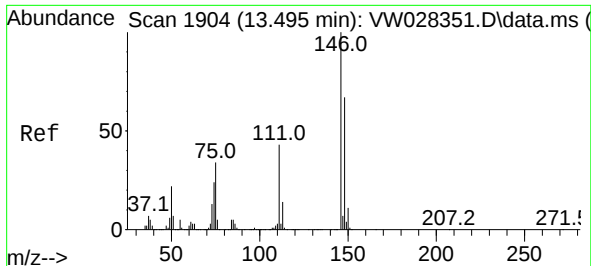
Tgt Ion:105 Resp: 871476

Ion Ratio Lower Upper

105 100

120 44.1 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 51.555 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :

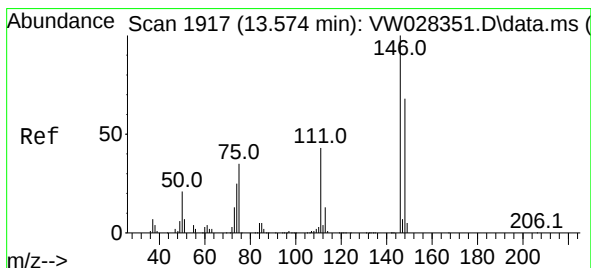
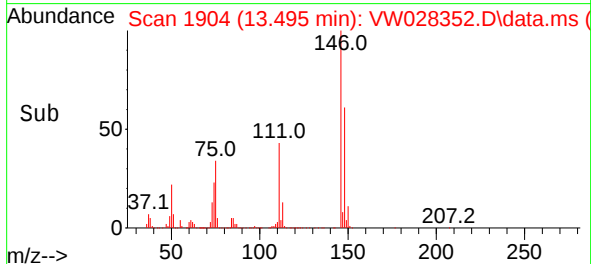
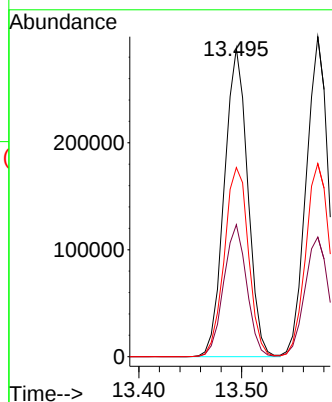
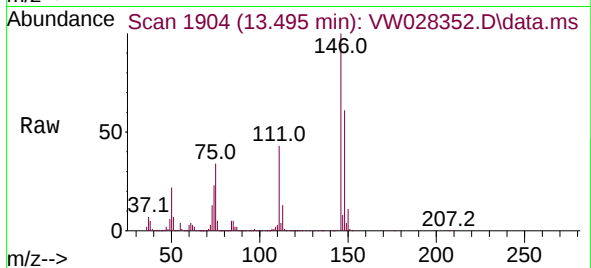
Tgt Ion:146 Resp: 455418

Ion Ratio Lower Upper

146 100

111 42.8 29.8 55.3

148 61.3 47.3 87.8



#65

1,4-Dichlorobenzene

Concen: 50.810 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

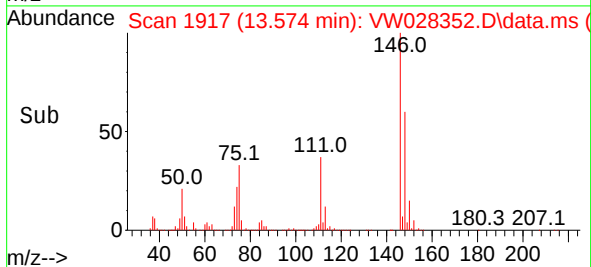
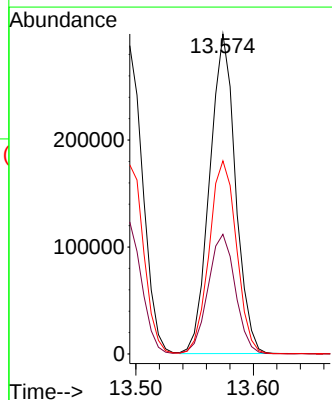
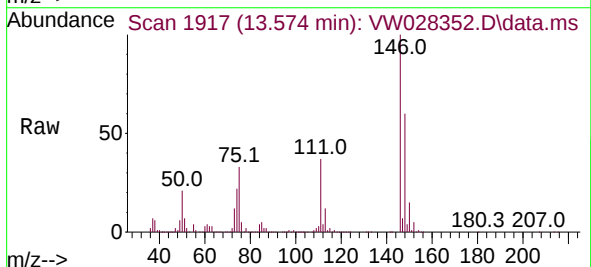
Tgt Ion:146 Resp: 456573

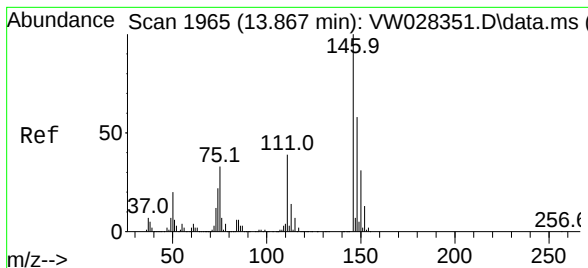
Ion Ratio Lower Upper

146 100

111 37.4 30.3 56.3

148 60.4 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 49.502 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :

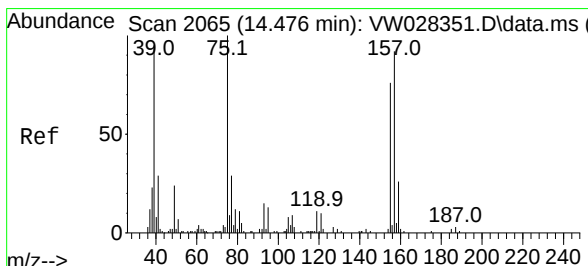
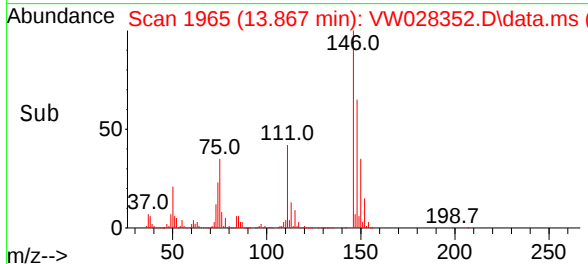
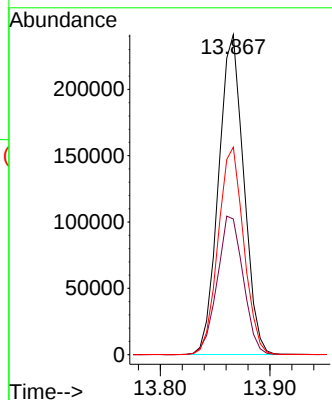
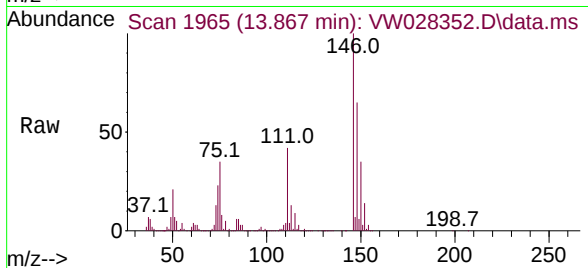
Tgt Ion:146 Resp: 384642

Ion Ratio Lower Upper

146 100

111 42.4 31.4 47.2

148 64.9 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 44.840 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

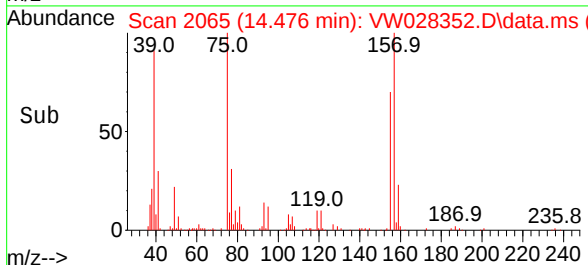
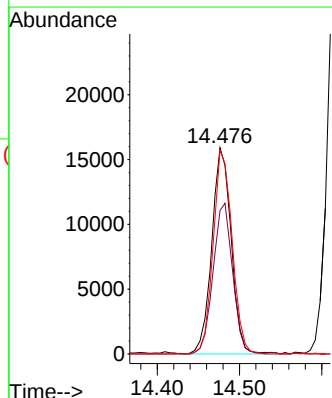
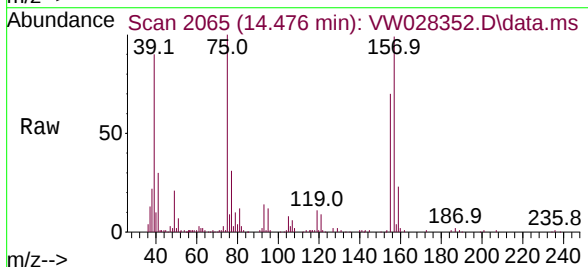
Tgt Ion: 75 Resp: 26087

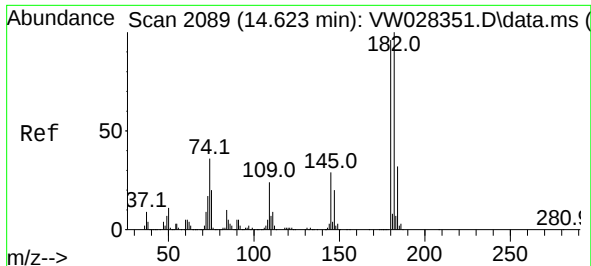
Ion Ratio Lower Upper

75 100

155 69.6 61.2 91.8

157 98.9 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 49.369 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

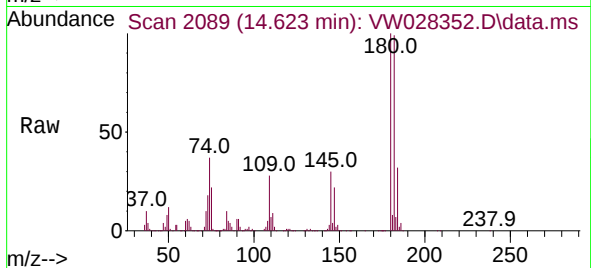
Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 300098

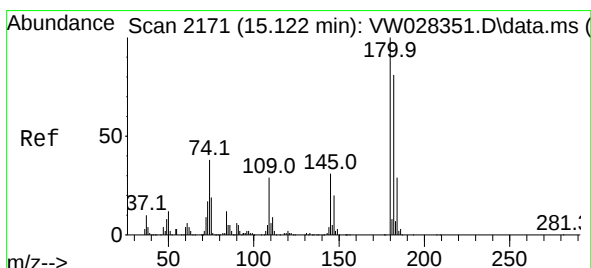
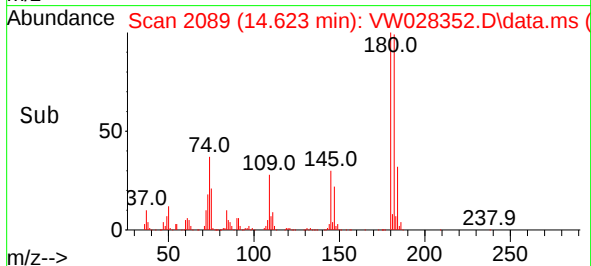
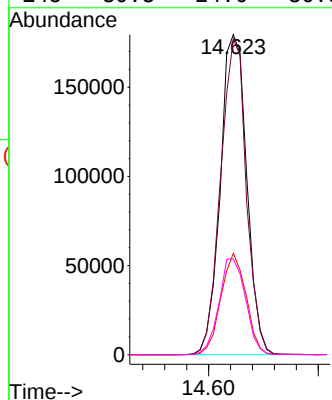
Ion Ratio Lower Upper

180 100

182 95.9 77.4 116.0

184 30.2 24.8 37.2

145 30.3 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 50.531 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

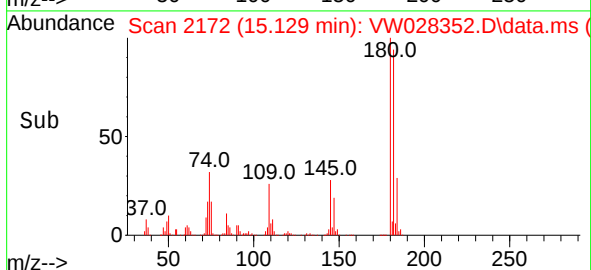
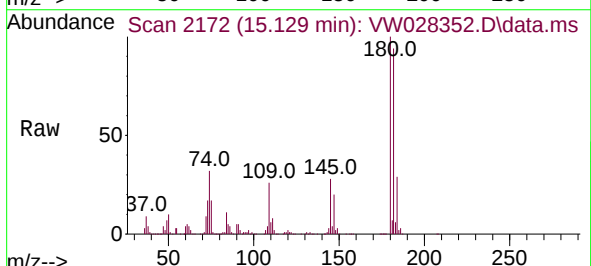
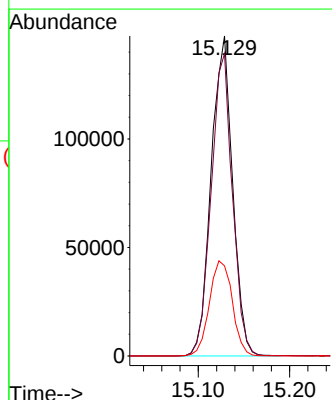
Tgt Ion:180 Resp: 239868

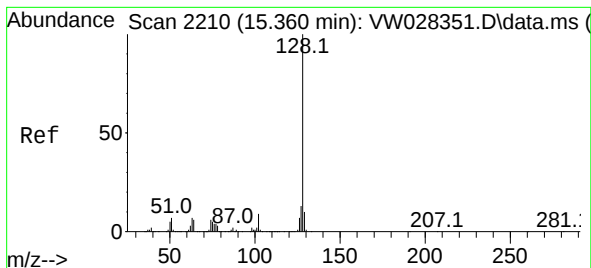
Ion Ratio Lower Upper

180 100

182 93.7 71.5 107.3

145 31.8 23.5 35.3





#71

Naphthalene

Concen: 52.313 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Instrument :

MSVOA_W

ClientSampleId :

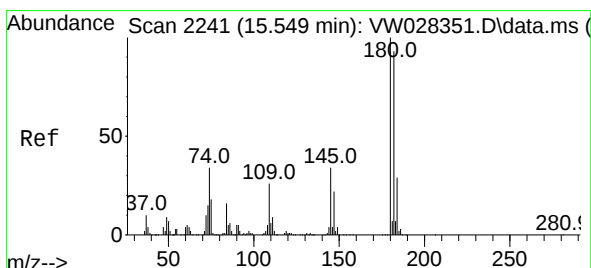
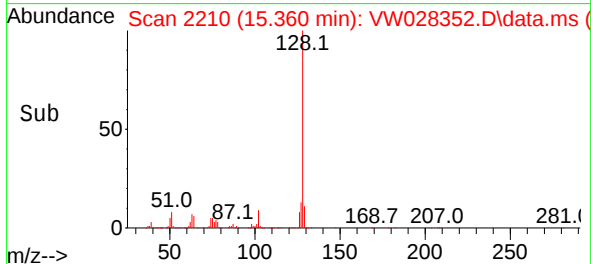
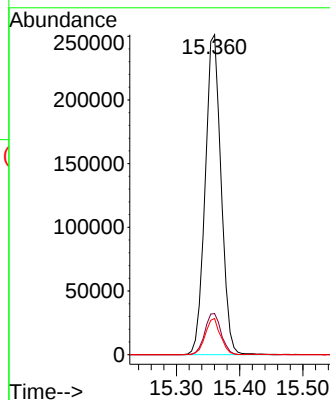
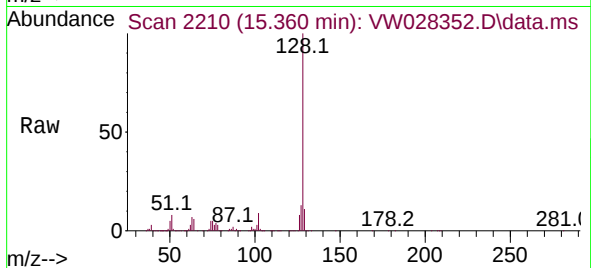
Tgt Ion:128 Resp: 439484

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 48.325 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW028352.D

Acq: 08 Apr 2024 11:45

Tgt Ion:180 Resp: 203558

Ion Ratio Lower Upper

180 100

182 98.1 75.7 113.5

145 34.3 26.2 39.4

