

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
 Data File : VW028178.D
 Acq On : 14 Mar 2024 14:09
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 15 01:24:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:22:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	196049	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	176070	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	93792	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	56017	24.420	ug/L	0.00
7) Chloroethane-d5	2.899	69	39303	24.788	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	35944	25.091	ug/L	0.00
21) 2-Butanone-d5	7.075	46	34416	52.072	ug/L	0.00
24) Chloroform-d	7.648	84	148895	25.756	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	81621	25.620	ug/L	0.00
32) Benzene-d6	8.270	84	287046	26.703	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	82812	26.769	ug/L	0.00
41) Toluene-d8	10.318	98	269024	27.132	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	36561	26.021	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	27295	54.032	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	60776	26.596	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	89893	26.310	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	67498	24.597	ug/L	100
3) Chloromethane	2.222	50	46404	23.005	ug/L	100
5) Vinyl chloride	2.375	62	53714	23.558	ug/L	100
6) Bromomethane	2.789	94	31766	23.394	ug/L	100
8) Chloroethane	2.936	64	29604	24.156	ug/L	100
9) Trichlorofluoromethane	3.271	101	66009	23.945	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	64276	24.376	ug/L	100
12) 1,1-Dichloroethene	4.045	96	60670	23.819	ug/L	100
13) Acetone	4.118	43	37898	52.868	ug/L	100
14) Carbon disulfide	4.393	76	184280	23.338	ug/L	100
15) Methyl Acetate	4.673	43	26021	22.804	ug/L	100
16) Methylene chloride	4.917	84	63422	21.219	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	64157	23.846	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	97757	24.083	ug/L	100
19) 1,1-Dichloroethane	6.215	63	124756	23.952	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	69520	23.921	ug/L	100
22) 2-Butanone	7.167	43	41633	50.618	ug/L	100
23) Bromochloromethane	7.514	128	29472	22.943	ug/L	100
25) Chloroform	7.679	83	128791	24.019	ug/L	100
27) 1,2-Dichloroethane	8.398	62	89678	23.687	ug/L	100
29) Cyclohexane	7.959	56	113848	24.783	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	114402	24.787	ug/L	100
31) Carbon tetrachloride	8.069	117	104305	24.093	ug/L	100
33) Benzene	8.325	78	267672	24.705	ug/L	100
34) Trichloroethene	9.093	95	75130	24.855	ug/L	100
35) Methylcyclohexane	9.331	83	126613	24.780	ug/L	100
37) 1,2-Dichloropropane	9.367	63	67625	24.402	ug/L	100
38) Bromodichloromethane	9.642	83	90846	24.314	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	109988	24.783	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	74949	48.996	ug/L	100
42) Toluene	10.385	91	291390	24.643	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	92277	24.627	ug/L	100

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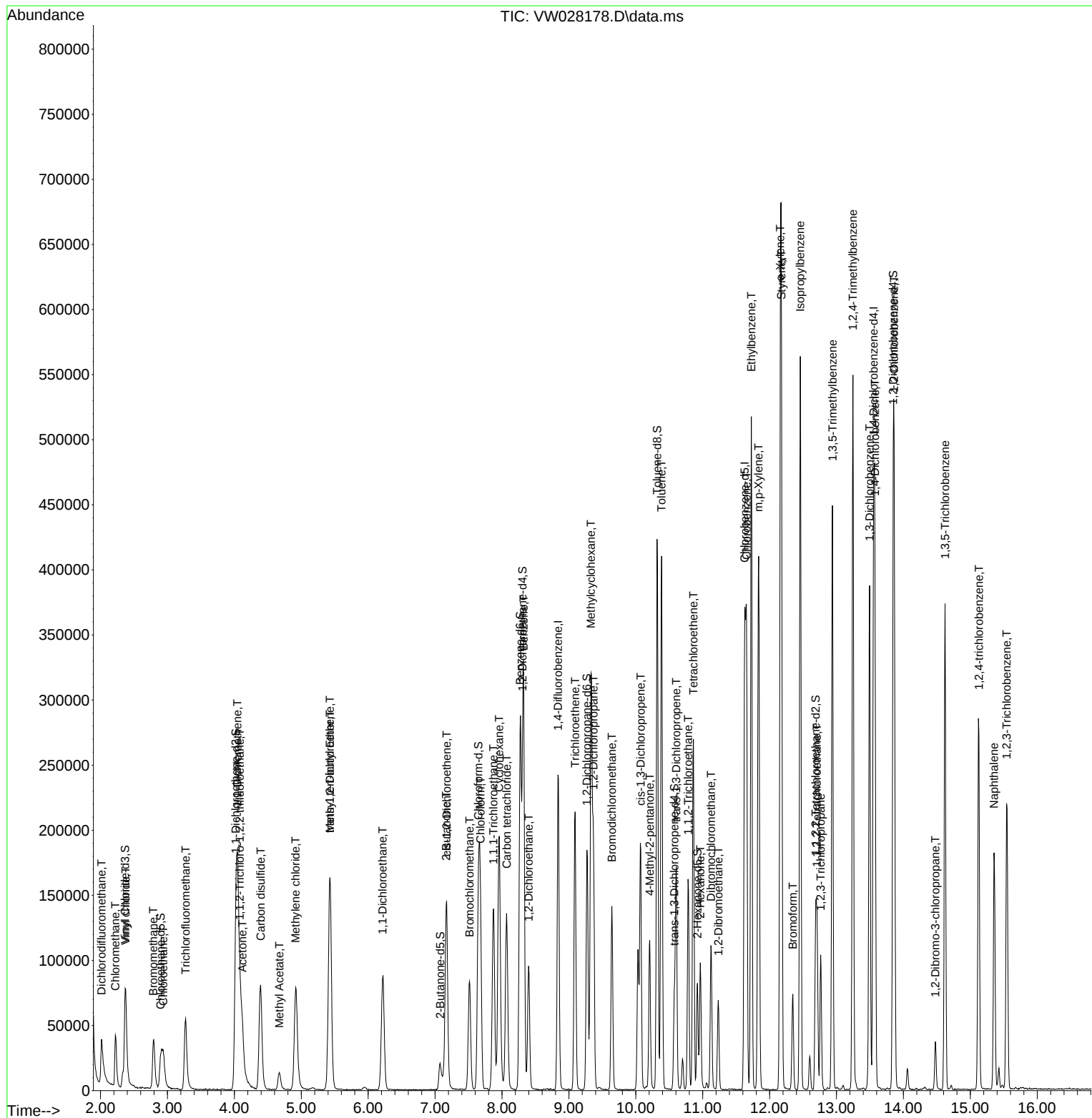
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	48404	24.175	ug/L	100
46) Tetrachloroethene	10.861	164	58348	23.947	ug/L	100
48) 2-Hexanone	10.965	43	61257	51.122	ug/L	100
49) Dibromochloromethane	11.123	129	57486	24.242	ug/L	100
50) 1,2-Dibromoethane	11.233	107	45634	23.836	ug/L	100
51) Chlorobenzene	11.653	112	180783	24.087	ug/L	100
52) Ethylbenzene	11.727	91	344675	24.970	ug/L	100
53) m,p-Xylene	11.836	106	124829	24.031	ug/L	100
54) o-Xylene	12.160	106	119176	24.741	ug/L	100
55) Styrene	12.178	104	207003	25.018	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	54471	23.784	ug/L	100
59) Bromoform	12.349	173	33045	23.512	ug/L	100
60) Isopropylbenzene	12.458	105	345780	24.813	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	41163	22.996	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	231522	24.761	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	282830	25.051	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	152088	24.463	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	148998	23.968	ug/L	100
67) 1,2-Dichlorobenzene	13.860	146	131836	24.625	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	9757	23.204	ug/L	100
69) 1,3,5-Trichlorobenzene	14.622	180	108023	24.945	ug/L	100
70) 1,2,4-trichlorobenzene	15.128	180	90163	24.508	ug/L	100
71) Naphthalene	15.354	128	151212	23.947	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	72938	24.050	ug/L	100

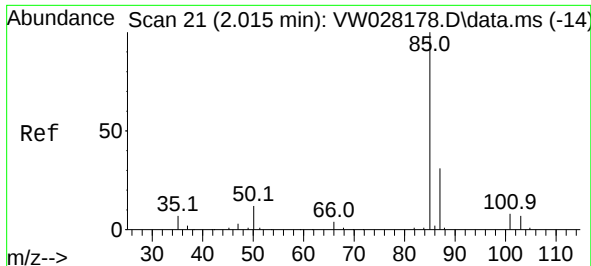
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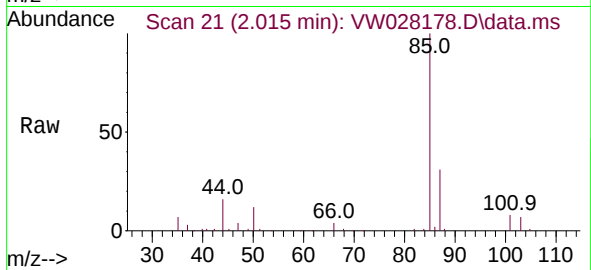
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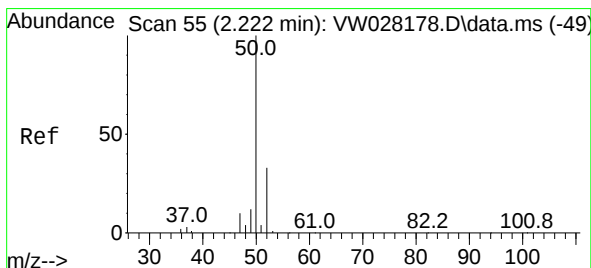
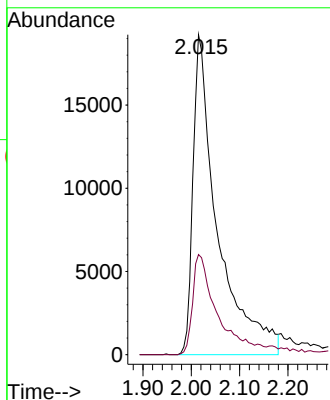
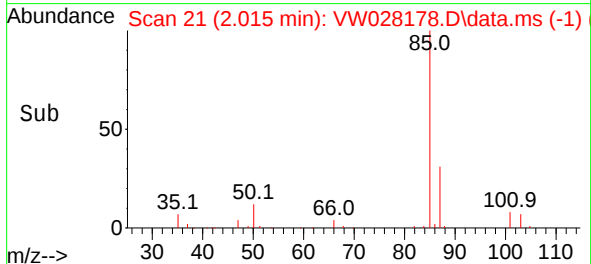


#2
Dichlorodifluoromethane
Concen: 24.597 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028178.D
Acq: 14 Mar 2024 14:09

Instrument :
MSVOA_W
ClientSampleId :

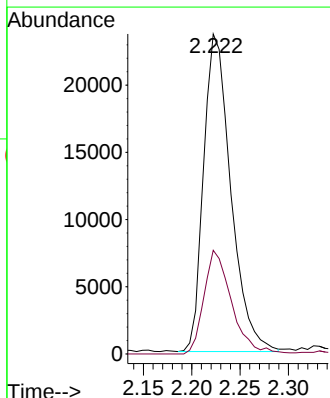
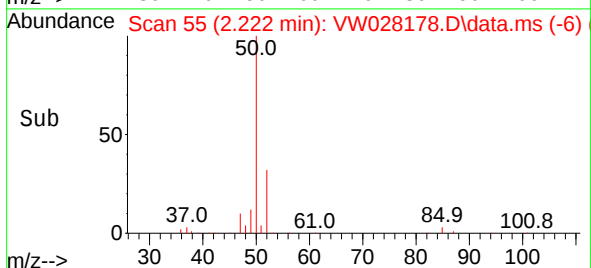
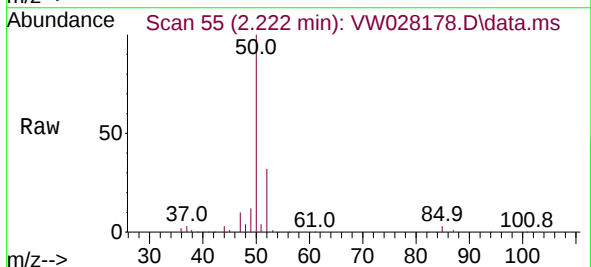


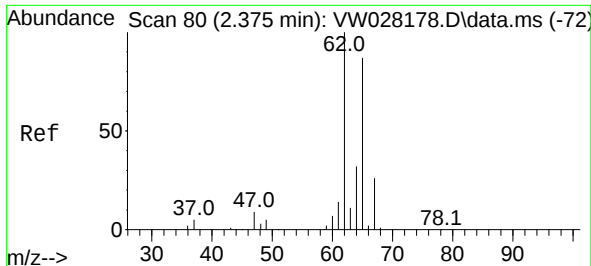
Tgt Ion: 85 Resp: 67498
Ion Ratio Lower Upper
85 100
87 26.1 20.9 31.3



#3
Chloromethane
Concen: 23.005 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW028178.D
Acq: 14 Mar 2024 14:09

Tgt Ion: 50 Resp: 46404
Ion Ratio Lower Upper
50 100
52 32.4 22.7 42.1

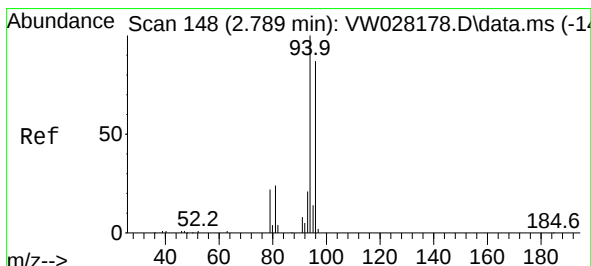
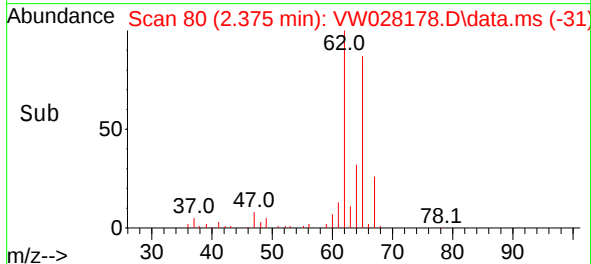
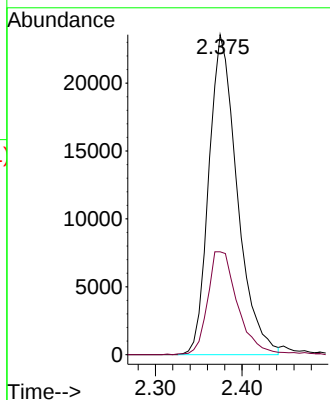
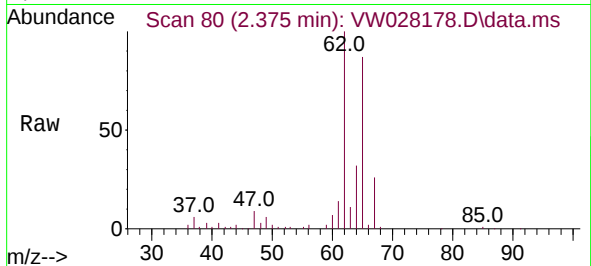




#5
 Vinyl chloride
 Concen: 23.558 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028178.D
 Acq: 14 Mar 2024 14:09

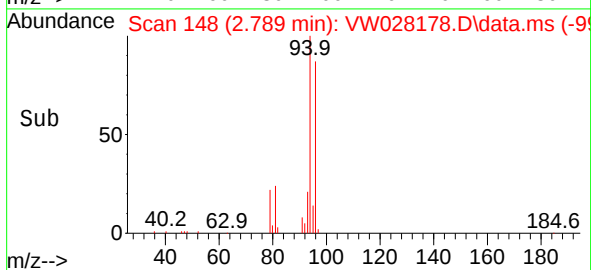
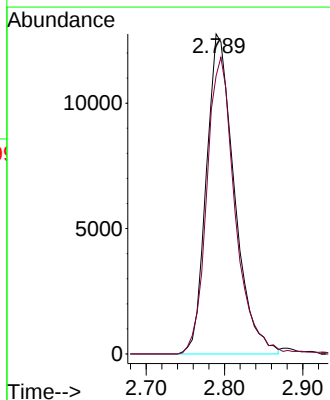
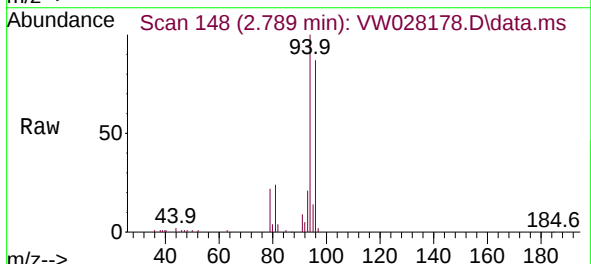
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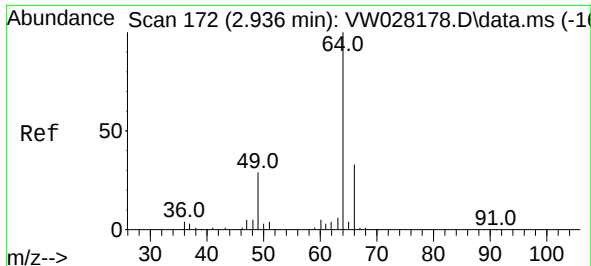
Tgt Ion: 62 Resp: 53714
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.5 41.7



#6
 Bromomethane
 Concen: 23.394 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW028178.D
 Acq: 14 Mar 2024 14:09

Tgt Ion: 94 Resp: 31766
 Ion Ratio Lower Upper
 94 100
 96 86.9 60.8 113.0

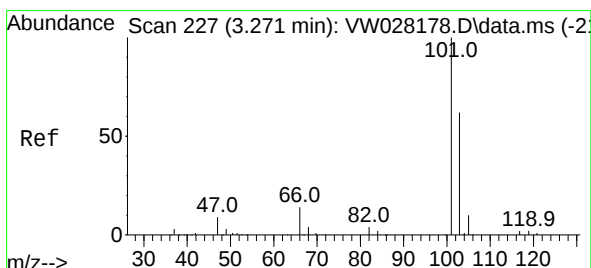
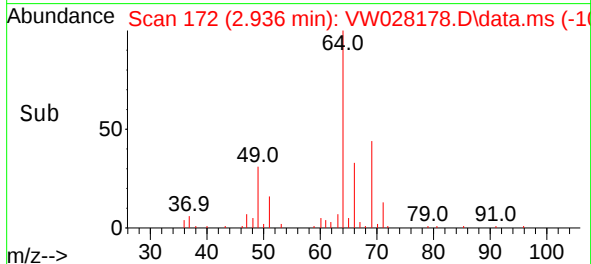
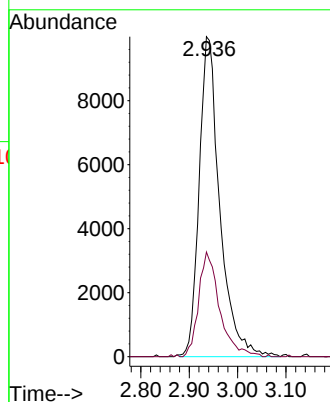
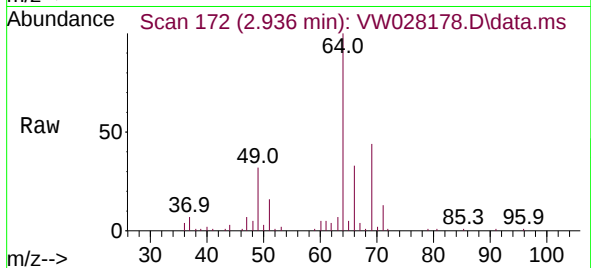




#8
Chloroethane
Concen: 24.156 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW028178.D
Acq: 14 Mar 2024 14:09

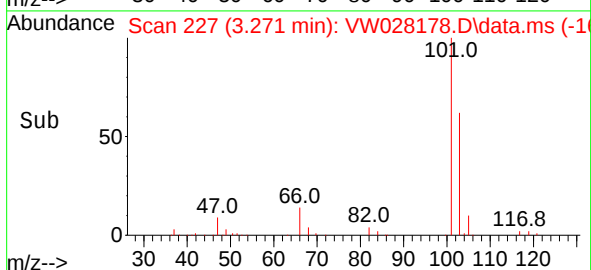
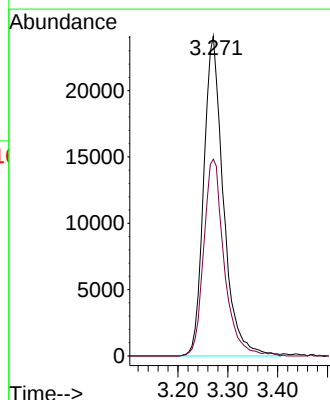
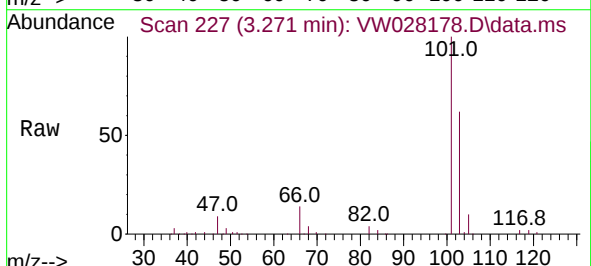
Instrument :
MSVOA_W
ClientSampleId :

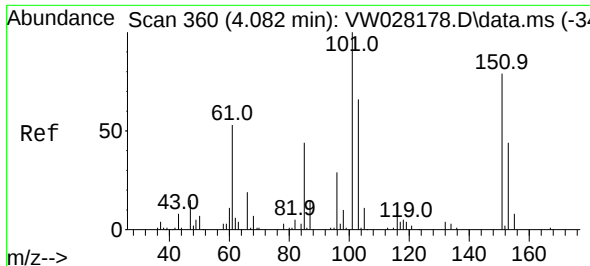
Tgt Ion: 64 Resp: 29604
Ion Ratio Lower Upper
64 100
66 32.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 23.945 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028178.D
Acq: 14 Mar 2024 14:09

Tgt Ion:101 Resp: 66009
Ion Ratio Lower Upper
101 100
103 63.6 50.9 76.3





#10

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

Concen: 24.376 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

Instrument :

MSVOA_W

ClientSampleId :

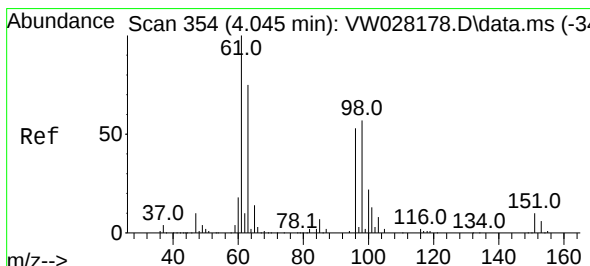
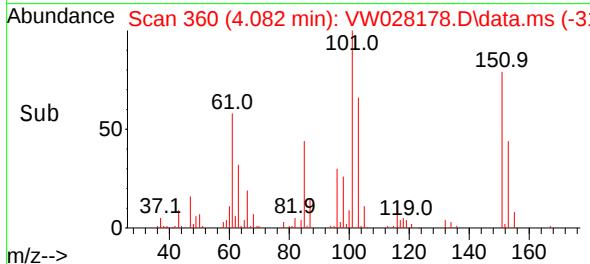
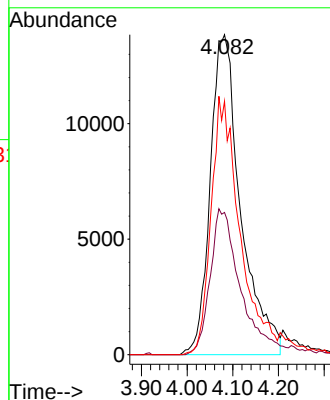
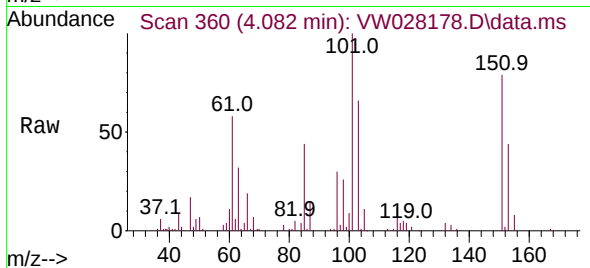
Tgt Ion:101 Resp: 64276

Ion Ratio Lower Upper

101 100

85 45.5 36.4 54.6

151 73.0 58.4 87.6



#12

1,1-Dichloroethene

Concen: 23.819 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

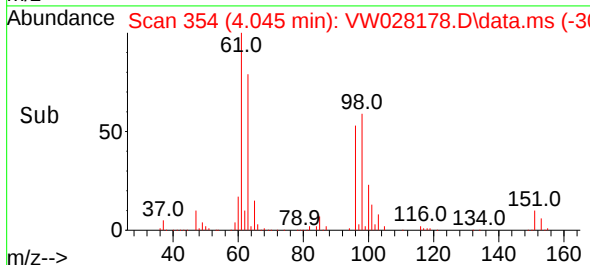
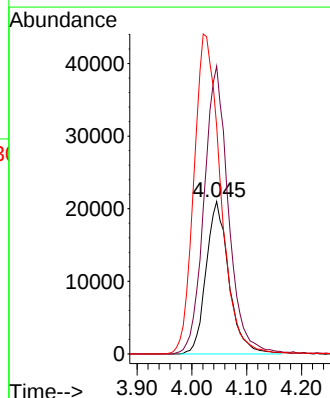
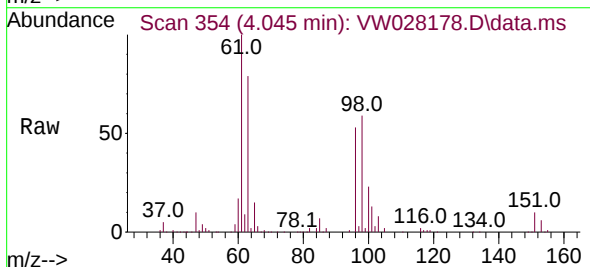
Tgt Ion: 96 Resp: 60670

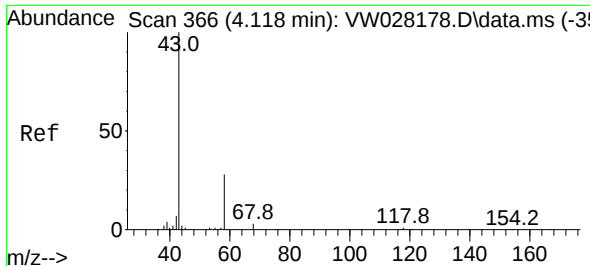
Ion Ratio Lower Upper

96 100

61 188.8 132.2 245.4

63 149.4 104.6 194.2

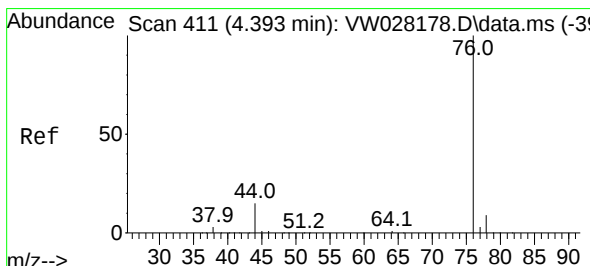
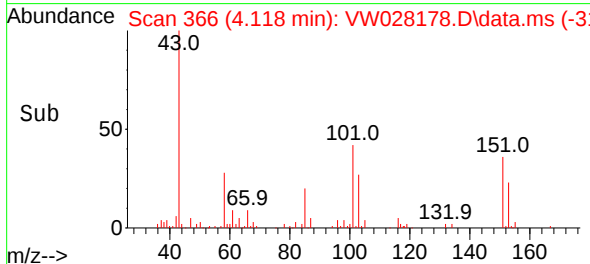
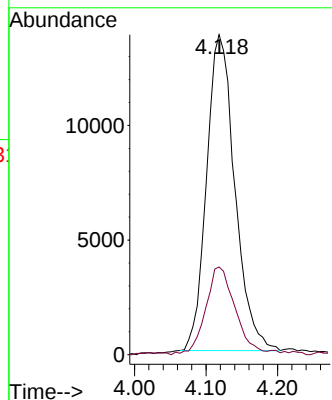
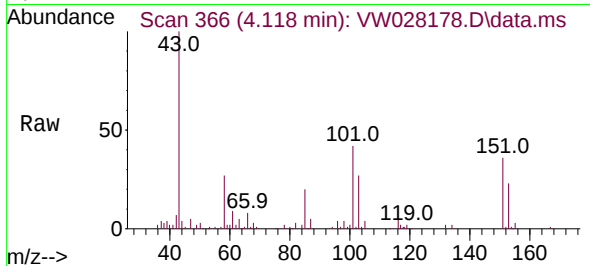




#13
Acetone
Concen: 52.868 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW028178.D
Acq: 14 Mar 2024 14:09

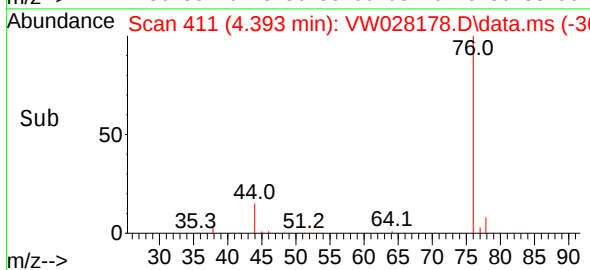
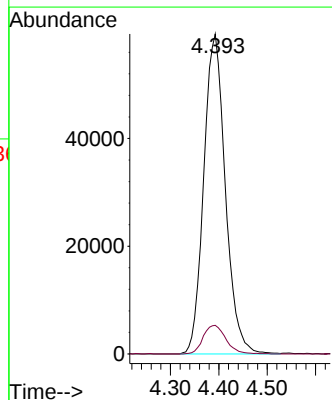
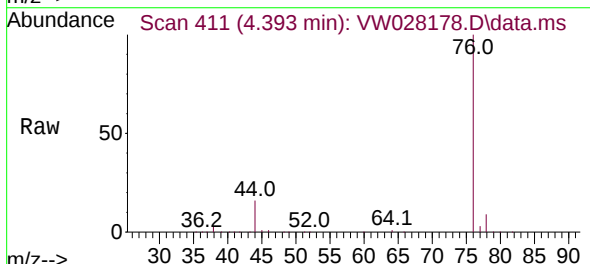
Instrument :
MSVOA_W
ClientSampleId :

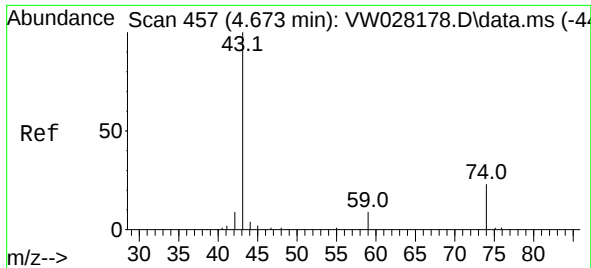
Tgt Ion: 43 Resp: 37898
Ion Ratio Lower Upper
43 100
58 28.9 0.0 57.8



#14
Carbon disulfide
Concen: 23.338 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028178.D
Acq: 14 Mar 2024 14:09

Tgt Ion: 76 Resp: 184280
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

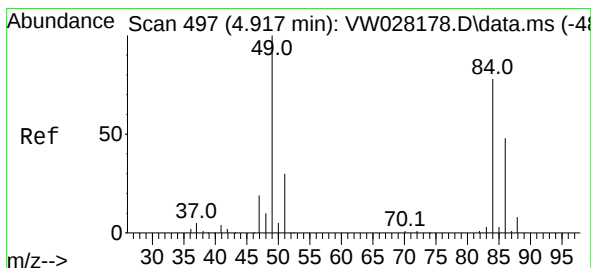
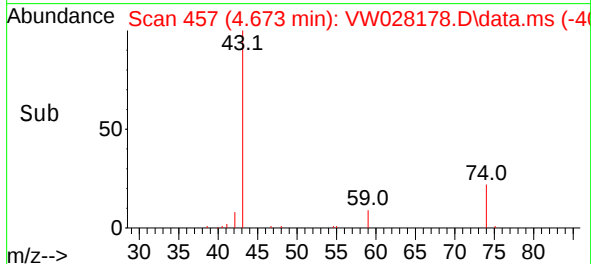
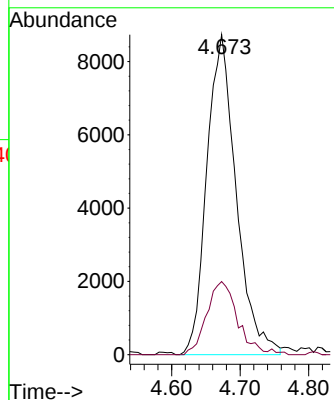
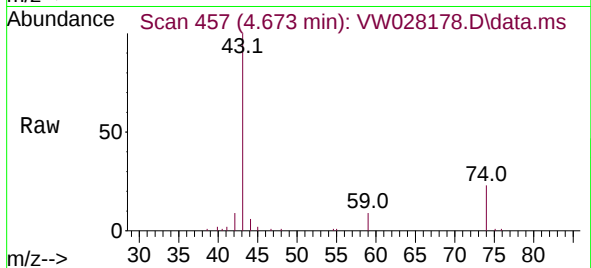




#15
Methyl Acetate
Concen: 22.804 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW028178.D
Acq: 14 Mar 2024 14:09

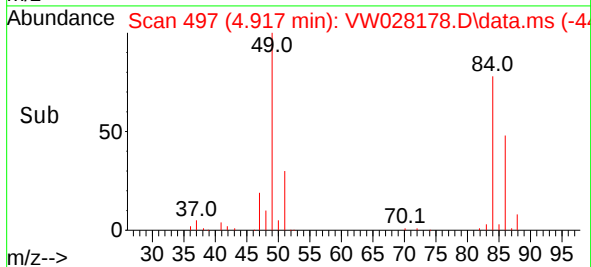
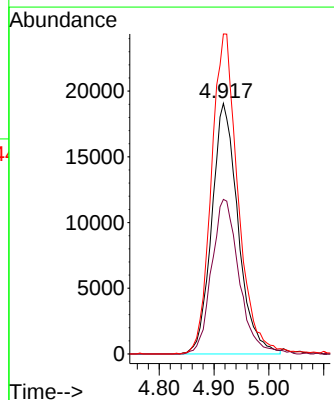
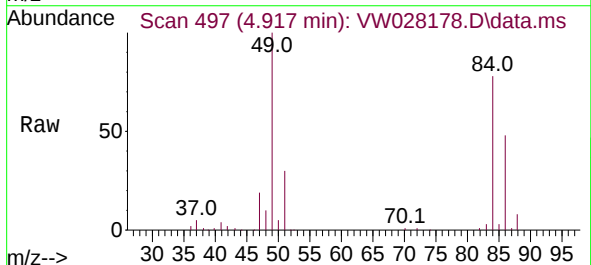
Instrument :
MSVOA_W
ClientSampleId :

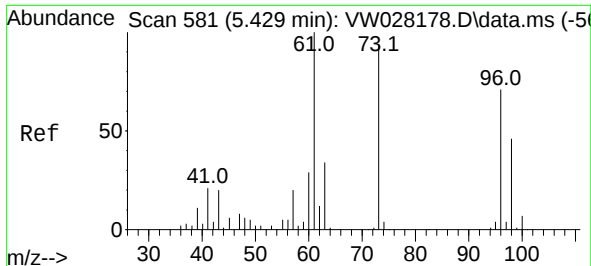
Tgt Ion: 43 Resp: 26021
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.2



#16
Methylene chloride
Concen: 21.219 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW028178.D
Acq: 14 Mar 2024 14:09

Tgt Ion: 84 Resp: 63422
Ion Ratio Lower Upper
84 100
86 61.6 43.1 80.1
49 127.7 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 23.846 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

Instrument :

MSVOA_W

ClientSampleId :

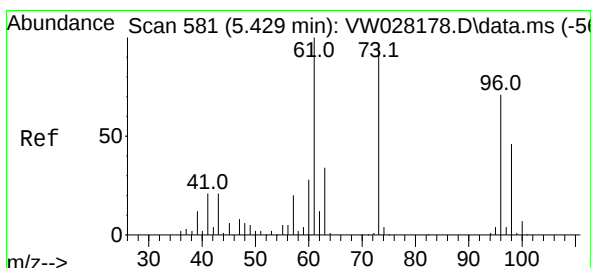
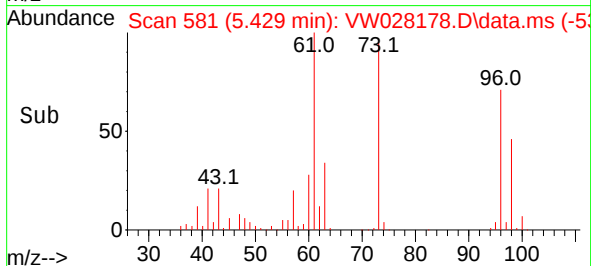
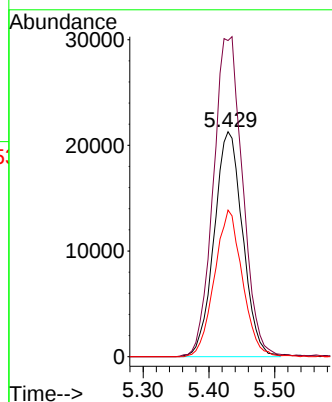
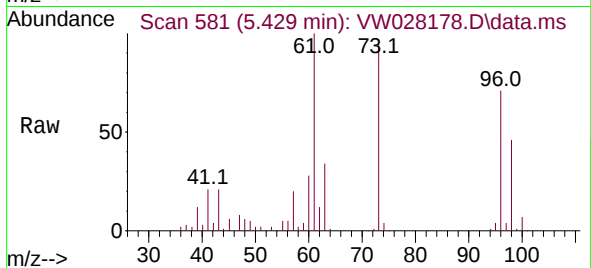
Tgt Ion: 96 Resp: 64157

Ion Ratio Lower Upper

96 100

61 140.6 98.4 182.8

98 65.2 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 24.083 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

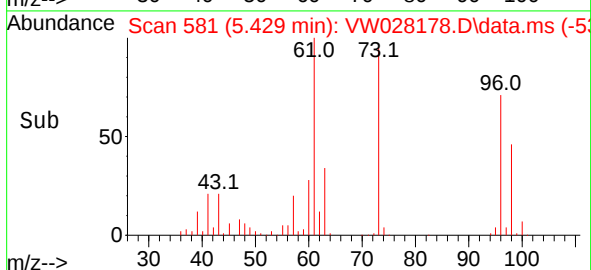
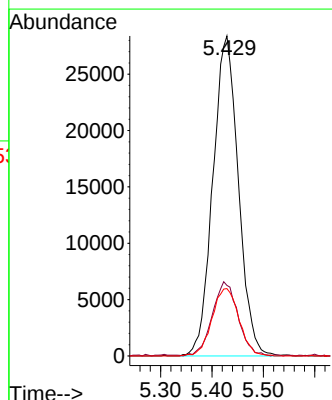
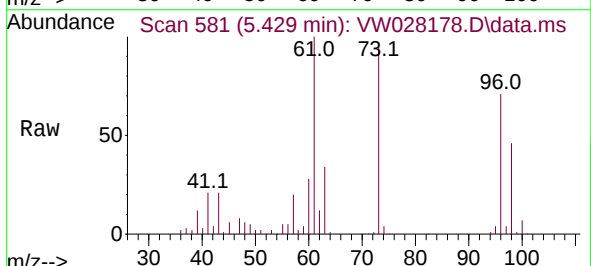
Tgt Ion: 73 Resp: 97757

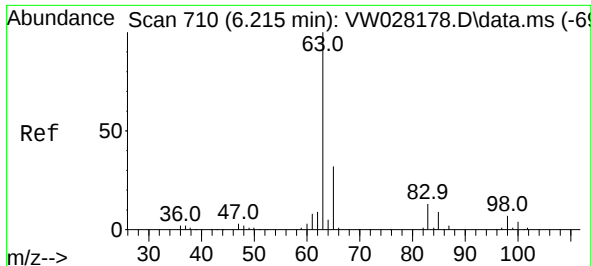
Ion Ratio Lower Upper

73 100

43 22.8 18.2 27.4

57 21.8 17.4 26.2





#19

1,1-Dichloroethane

Concen: 23.952 ug/L

RT: 6.215 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

Instrument :

MSVOA_W

ClientSampleId :

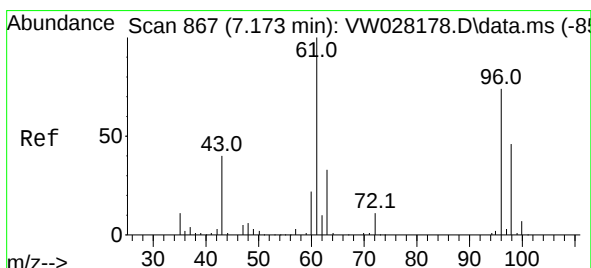
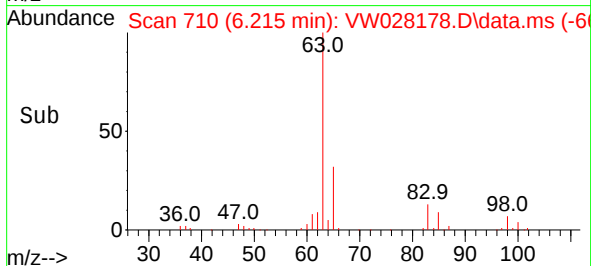
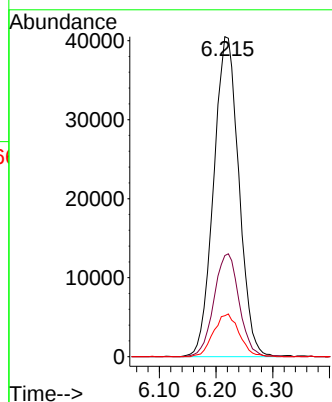
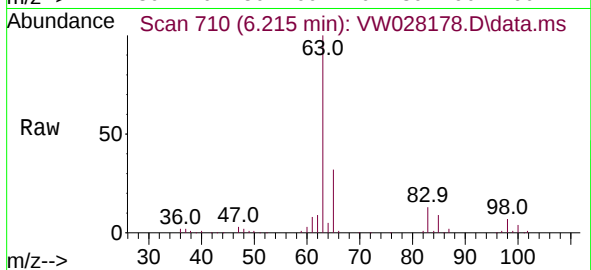
Tgt Ion: 63 Resp: 124756

Ion Ratio Lower Upper

63 100

65 31.6 22.1 41.1

83 12.8 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 23.921 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

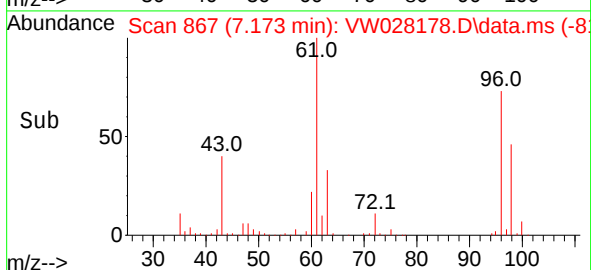
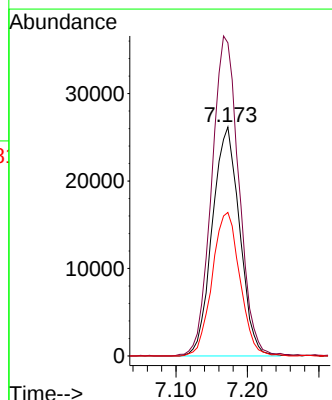
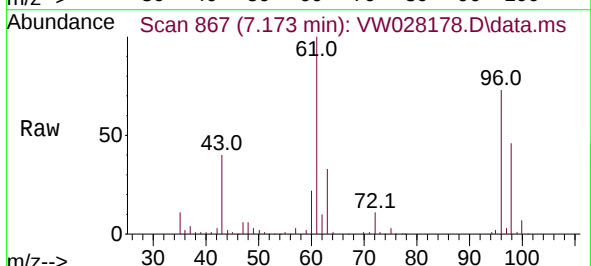
Tgt Ion: 96 Resp: 69520

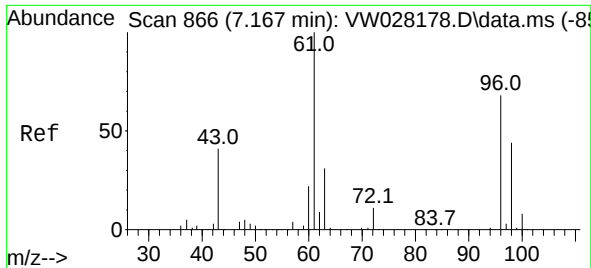
Ion Ratio Lower Upper

96 100

61 136.7 95.7 177.7

98 62.7 43.9 81.5





#22

2-Butanone

Concen: 50.618 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

Instrument :

MSVOA_W

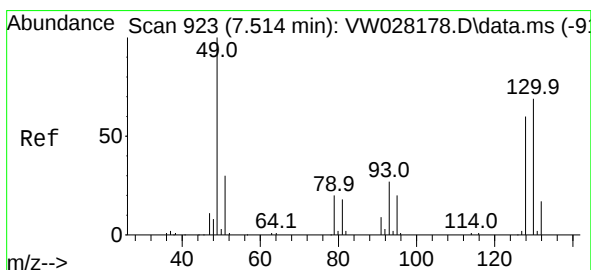
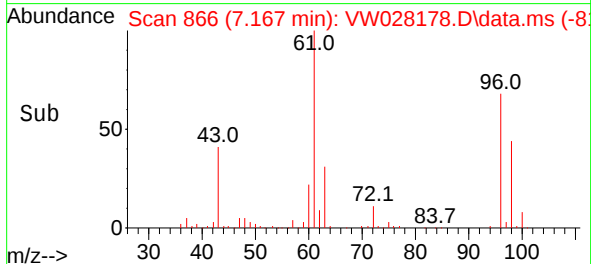
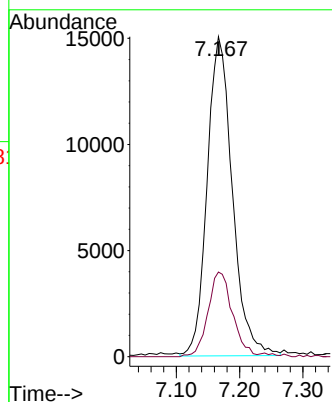
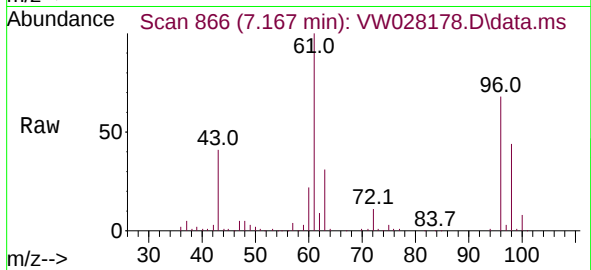
ClientSampleId :

Tgt Ion: 43 Resp: 41633

Ion Ratio Lower Upper

43 100

72 25.6 12.8 38.4



#23

Bromochloromethane

Concen: 22.943 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

Tgt Ion:128 Resp: 29472

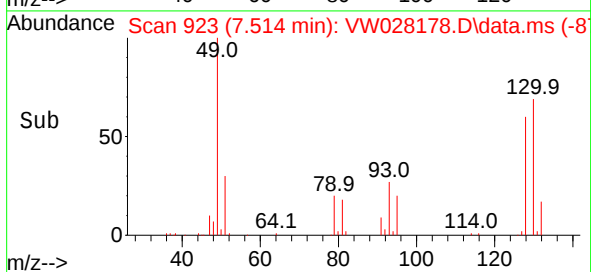
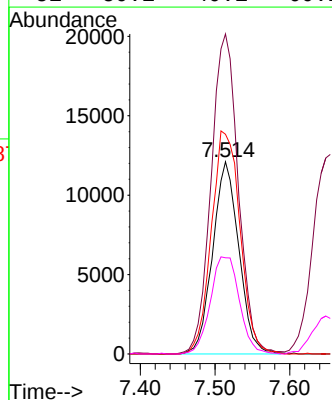
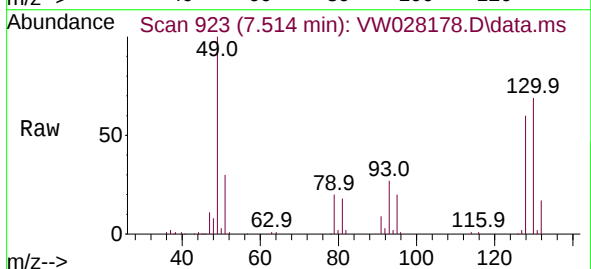
Ion Ratio Lower Upper

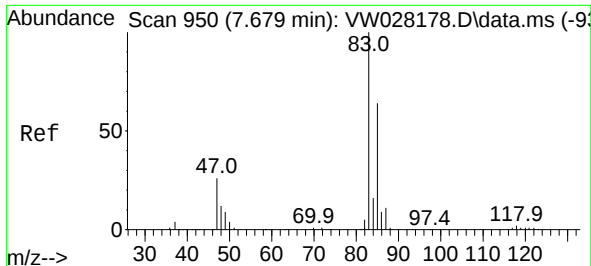
128 100

49 166.6 116.6 216.6

130 114.4 80.1 148.7

51 50.1 40.1 60.1





#25

Chloroform

Concen: 24.019 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

Instrument :

MSVOA_W

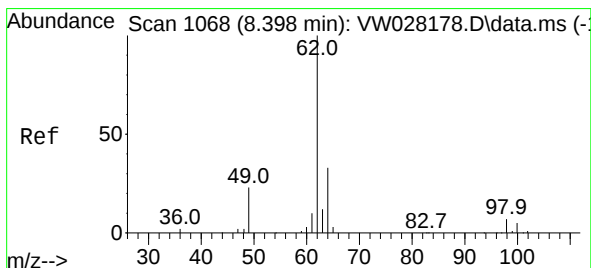
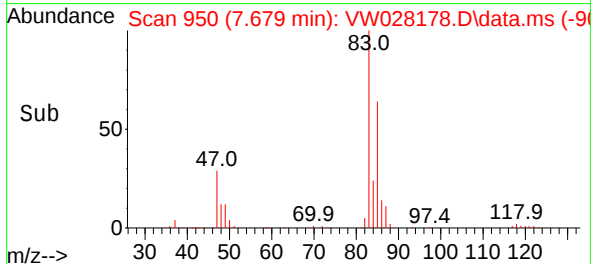
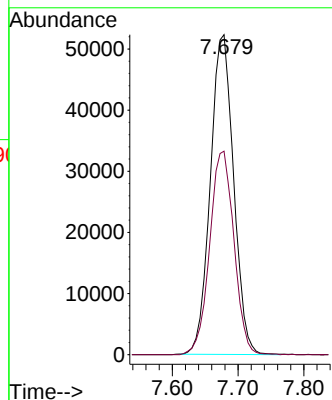
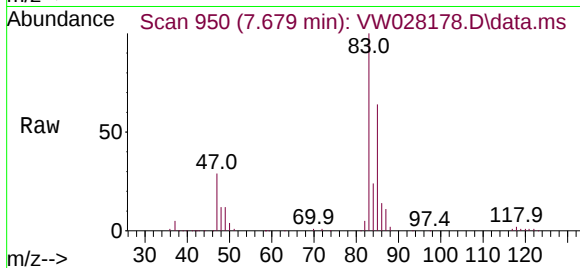
ClientSampleId :

Tgt Ion: 83 Resp: 128791

Ion Ratio Lower Upper

83 100

85 63.6 44.5 82.7



#27

1,2-Dichloroethane

Concen: 23.687 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028178.D

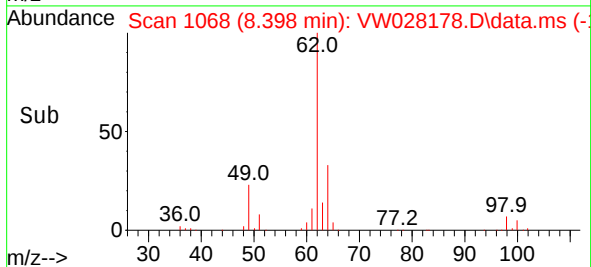
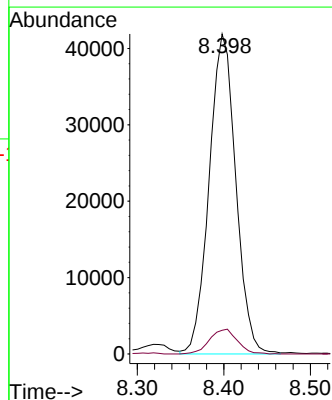
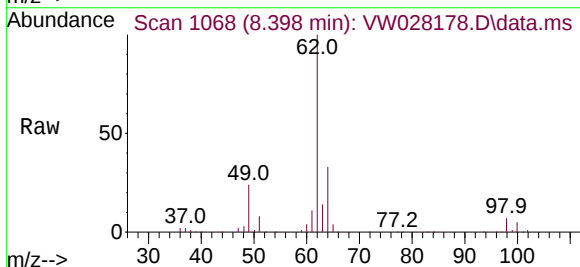
Acq: 14 Mar 2024 14:09

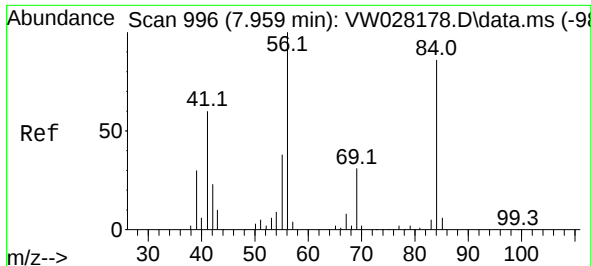
Tgt Ion: 62 Resp: 89678

Ion Ratio Lower Upper

62 100

98 7.4 5.9 8.9





#29

Cyclohexane

Concen: 24.783 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

Instrument :

MSVOA_W

ClientSampleId :

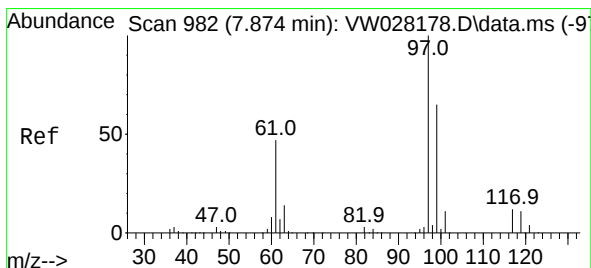
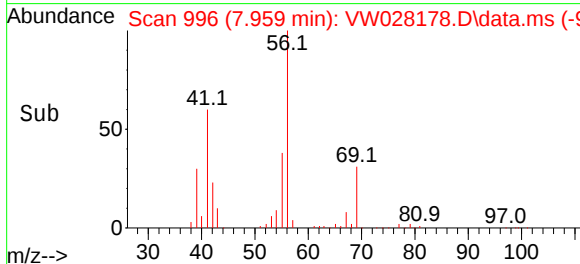
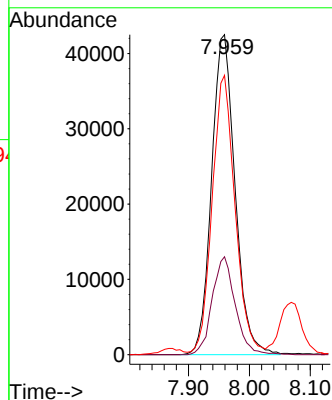
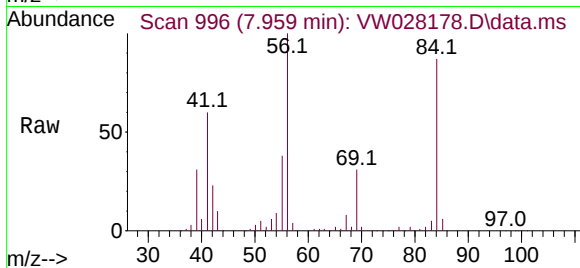
Tgt Ion: 56 Resp: 113848

Ion Ratio Lower Upper

56 100

69 30.0 24.0 36.0

84 85.5 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 24.787 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

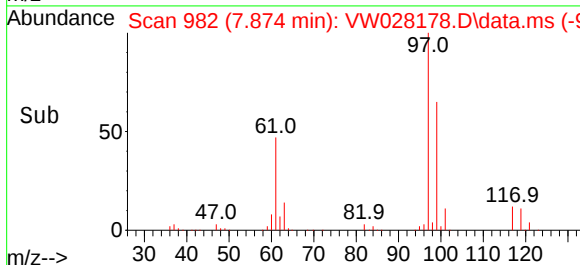
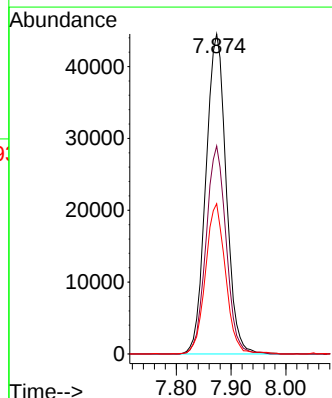
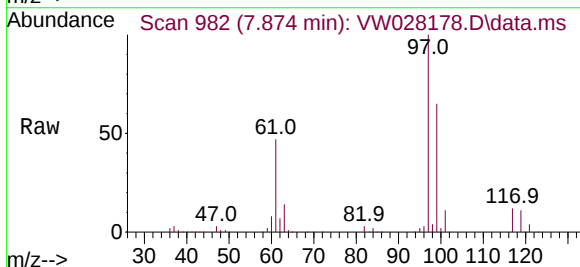
Tgt Ion: 97 Resp: 114402

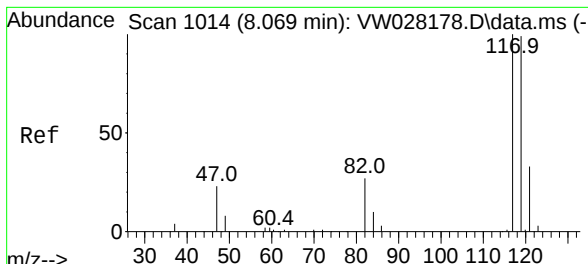
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 46.3 37.0 55.6



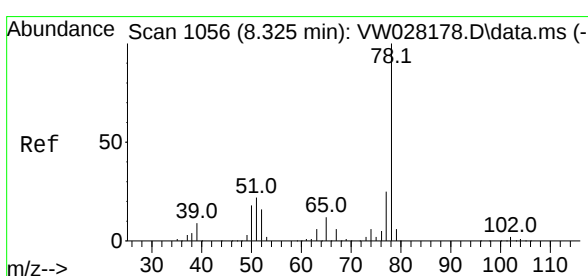
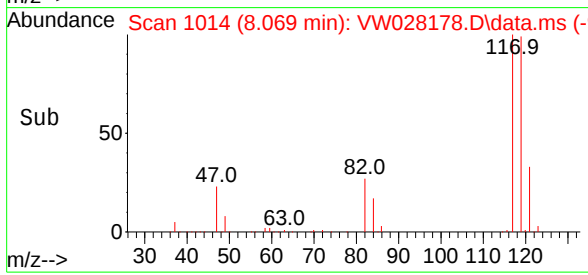
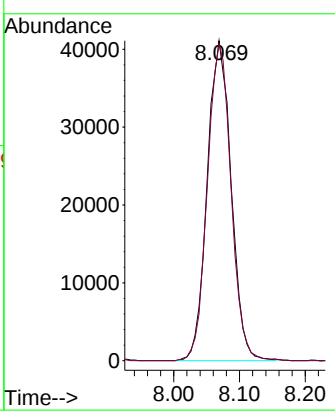
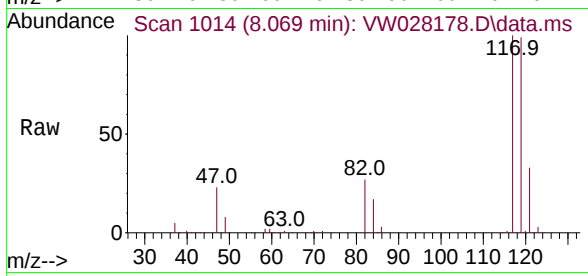


#31
Carbon tetrachloride
Concen: 24.093 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028178.D
Acq: 14 Mar 2024 14:09

Instrument :
MSVOA_W
ClientSampleId :

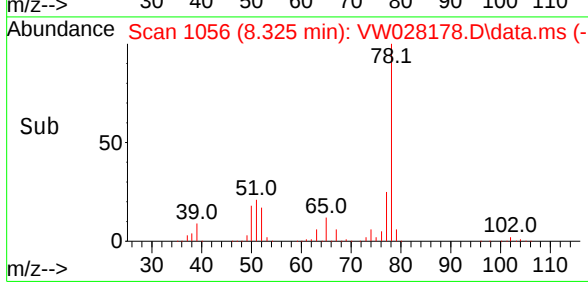
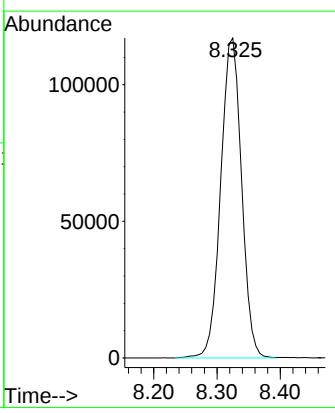
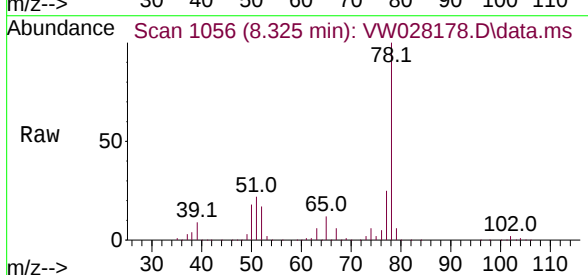
Tgt Ion:117 Resp: 104305

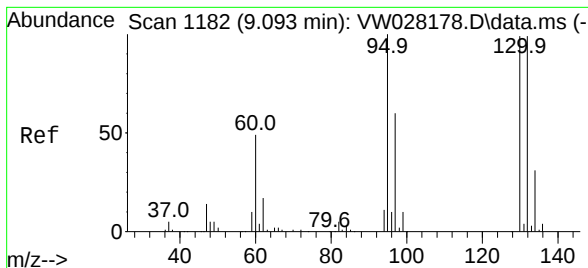
Ion	Ratio	Lower	Upper
117	100		
119	97.8	78.2	117.4



#33
Benzene
Concen: 24.705 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028178.D
Acq: 14 Mar 2024 14:09

Tgt Ion: 78 Resp: 267672





#34

Trichloroethene

Concen: 24.855 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 75130

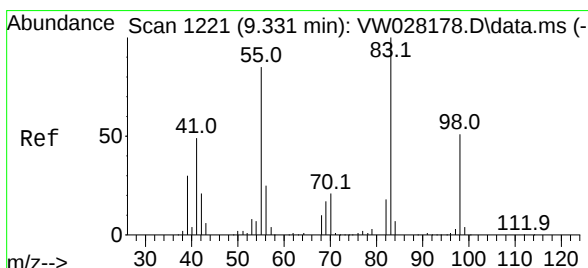
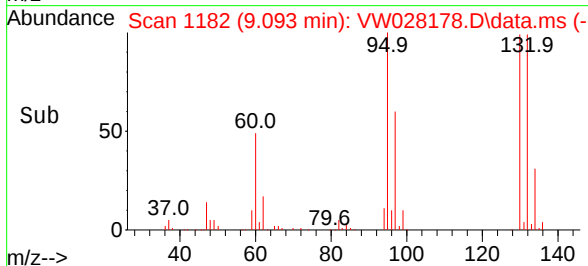
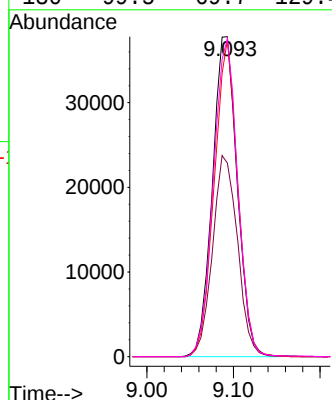
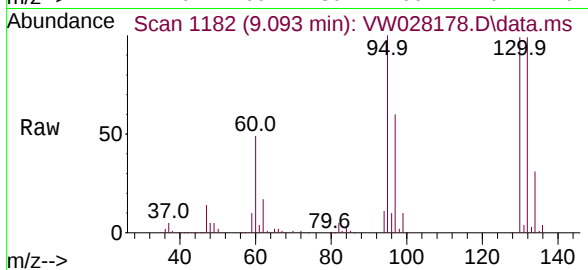
Ion Ratio Lower Upper

95 100

97 60.5 42.4 78.6

132 99.1 69.4 128.8

130 99.5 69.7 129.4



#35

Methylcyclohexane

Concen: 24.780 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

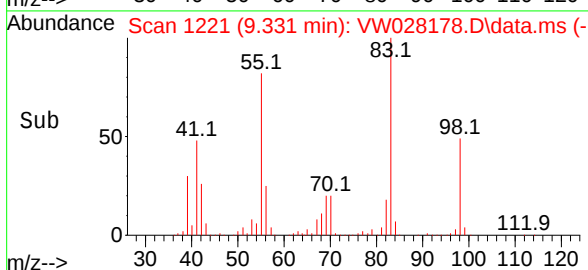
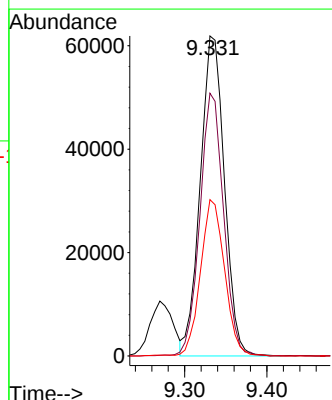
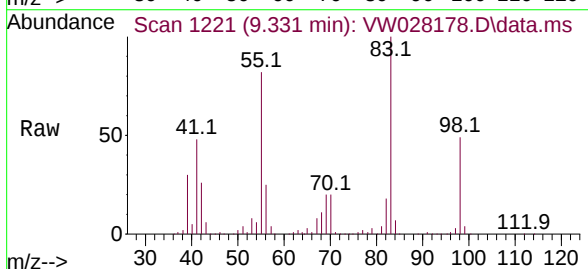
Tgt Ion: 83 Resp: 126613

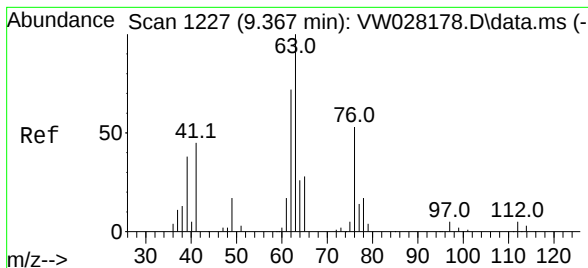
Ion Ratio Lower Upper

83 100

55 80.3 64.2 96.4

98 47.9 38.3 57.5





#37

1,2-Dichloropropane

Concen: 24.402 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

Instrument :

MSVOA_W

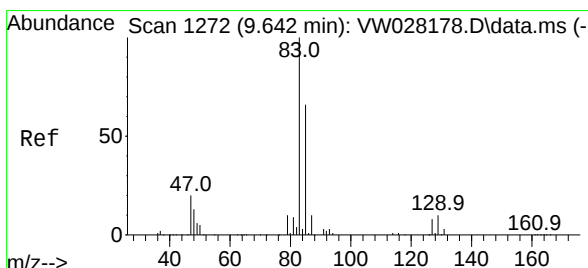
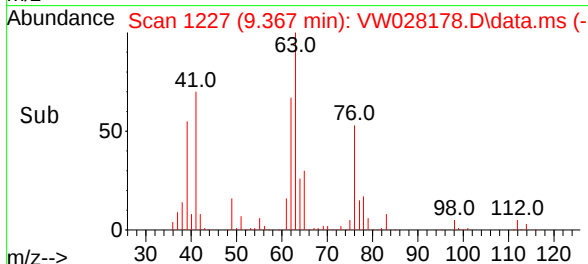
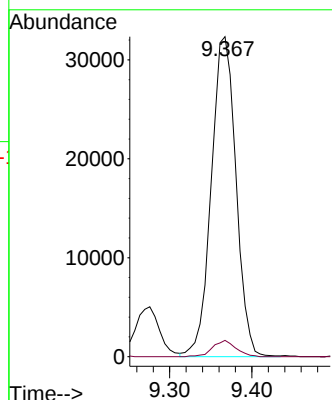
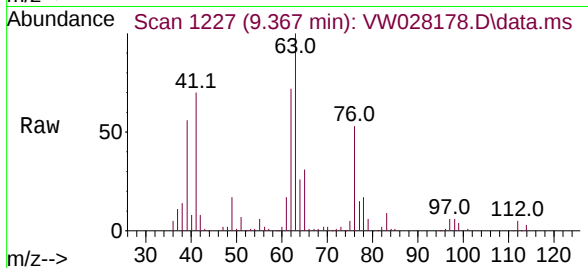
ClientSampleId :

Tgt Ion: 63 Resp: 67625

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 24.314 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

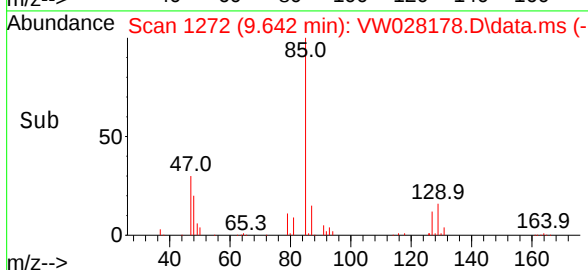
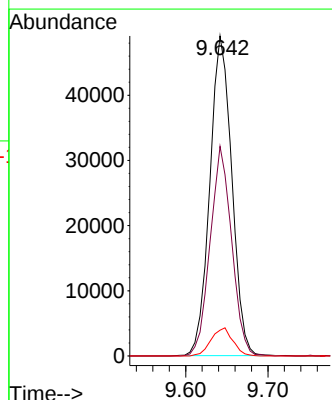
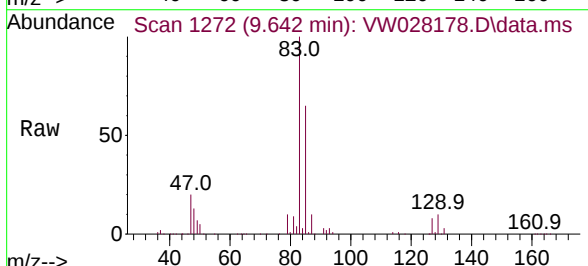
Tgt Ion: 83 Resp: 90846

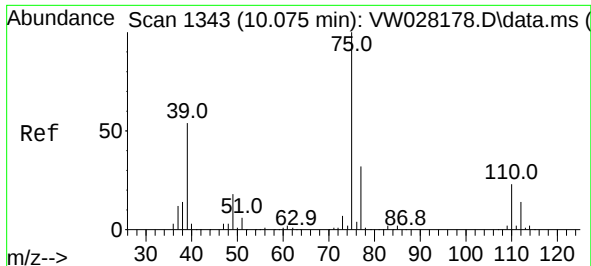
Ion Ratio Lower Upper

83 100

85 65.5 45.8 85.2

127 8.1 6.5 9.7

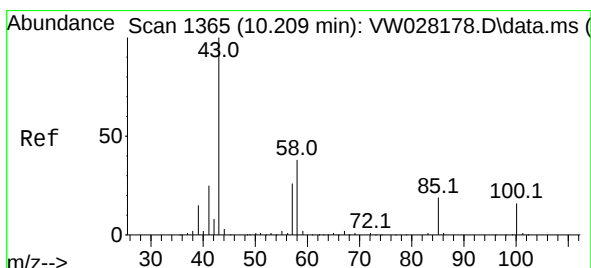
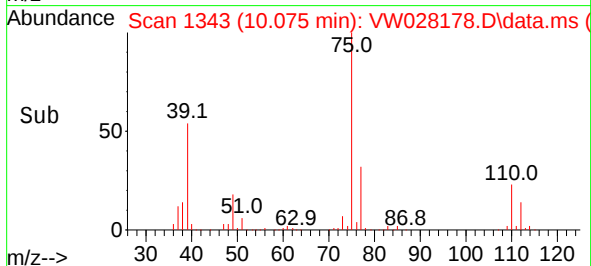
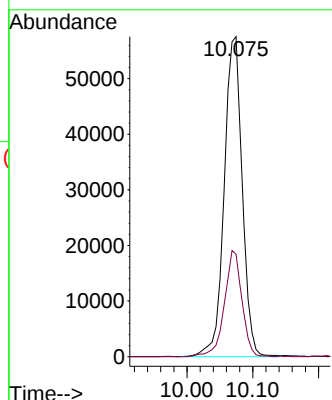
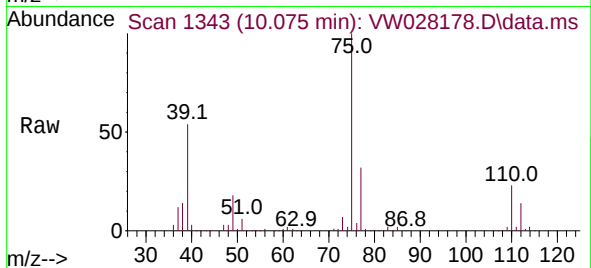




#39
 cis-1,3-Dichloropropene
 Concen: 24.783 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW028178.D
 Acq: 14 Mar 2024 14:09

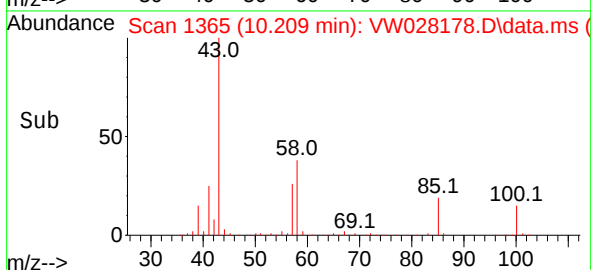
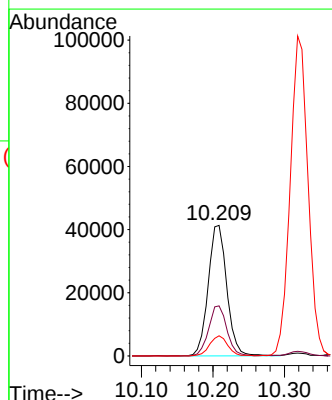
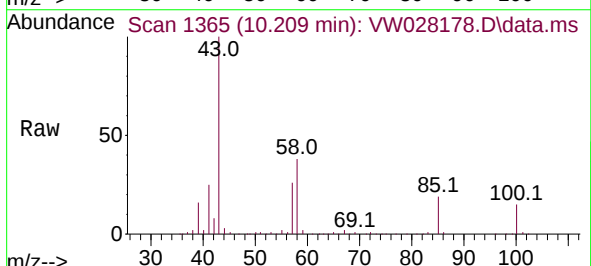
Instrument :
 MSVOA_W
 ClientSampleId :

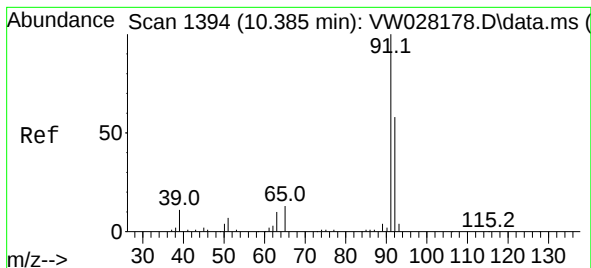
Tgt Ion: 75 Resp: 109988
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 48.996 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW028178.D
 Acq: 14 Mar 2024 14:09

Tgt Ion: 43 Resp: 74949
 Ion Ratio Lower Upper
 43 100
 58 37.6 30.1 45.1
 100 14.8 11.8 17.8





#42

Toluene

Concen: 24.643 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

Instrument :

MSVOA_W

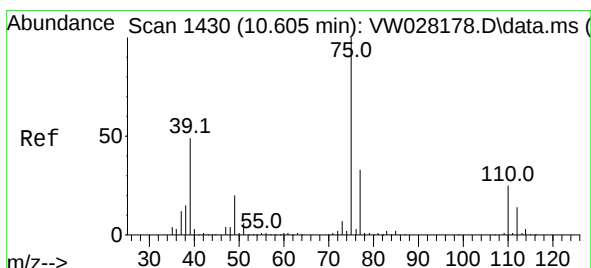
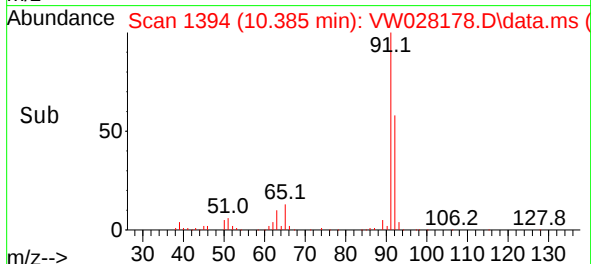
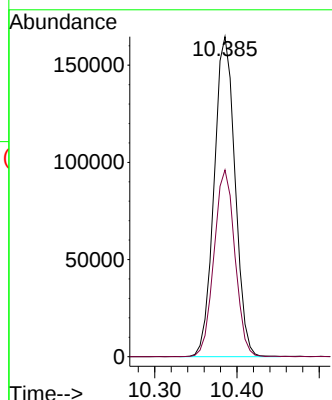
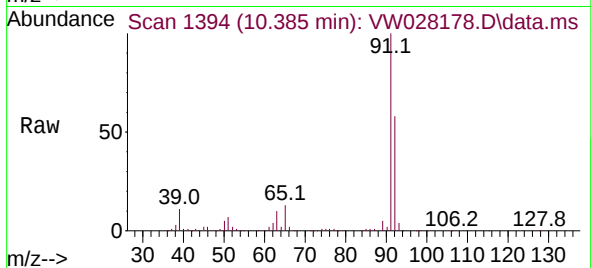
ClientSampleId :

Tgt Ion: 91 Resp: 291390

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 24.627 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028178.D

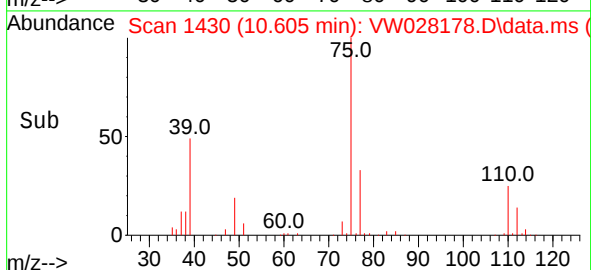
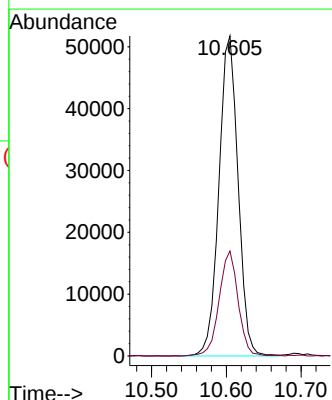
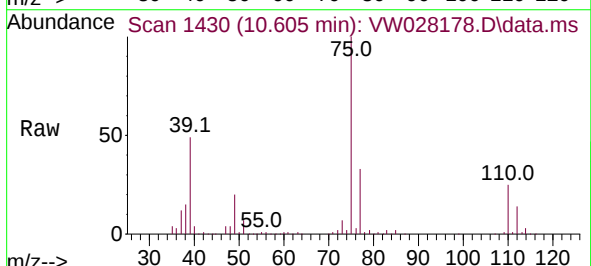
Acq: 14 Mar 2024 14:09

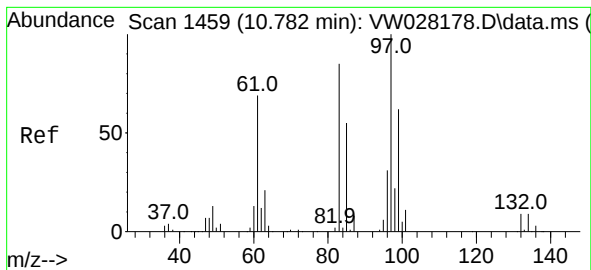
Tgt Ion: 75 Resp: 92277

Ion Ratio Lower Upper

75 100

77 32.8 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 24.175 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

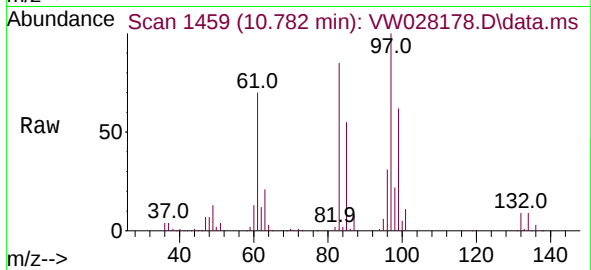
Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 48404

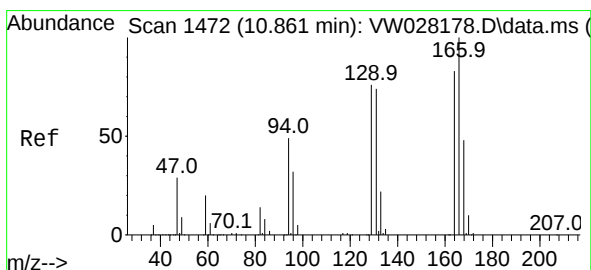
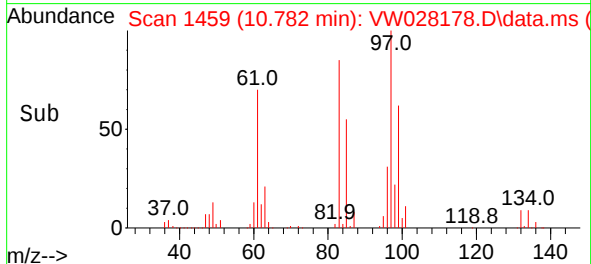
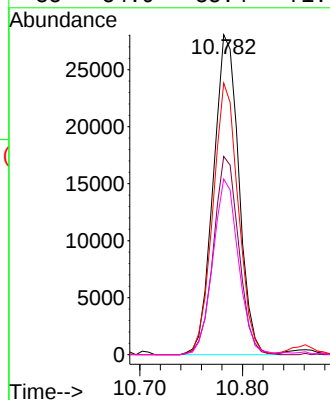
Ion Ratio Lower Upper

97 100

99 62.0 43.4 80.6

83 84.9 59.4 110.4

85 54.9 38.4 71.4



#46

Tetrachloroethene

Concen: 23.947 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

Tgt Ion: 164 Resp: 58348

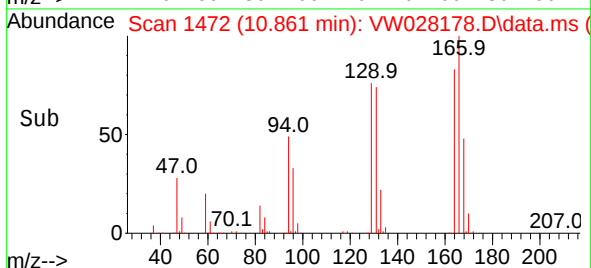
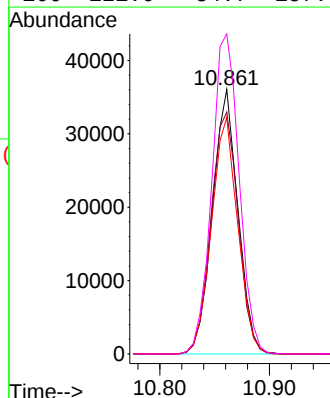
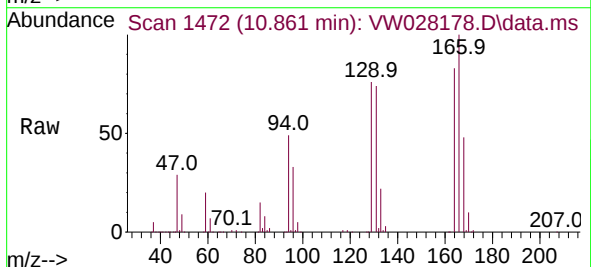
Ion Ratio Lower Upper

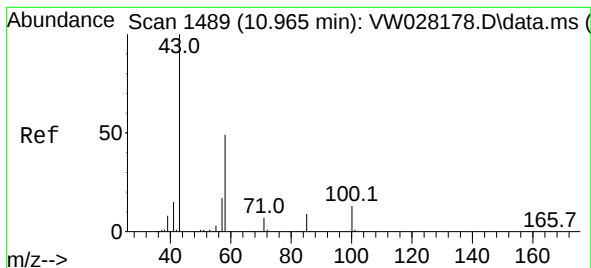
164 100

129 91.5 64.0 119.0

131 89.5 62.6 116.3

166 121.0 84.7 157.3

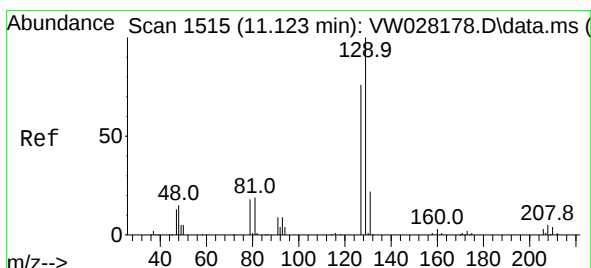
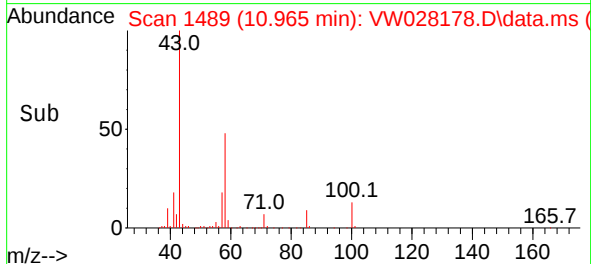
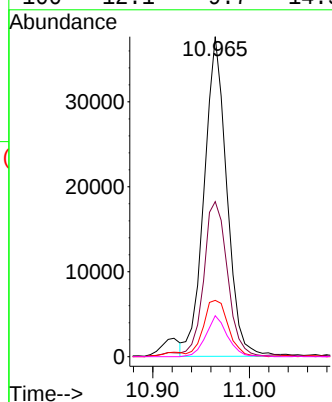
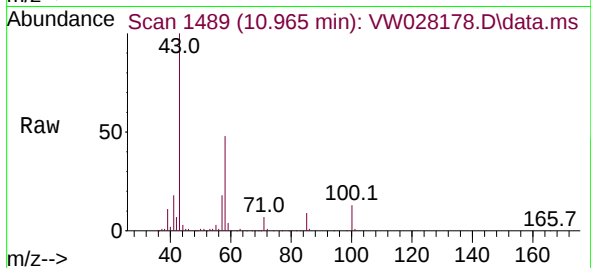




#48
2-Hexanone
Concen: 51.122 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028178.D
Acq: 14 Mar 2024 14:09

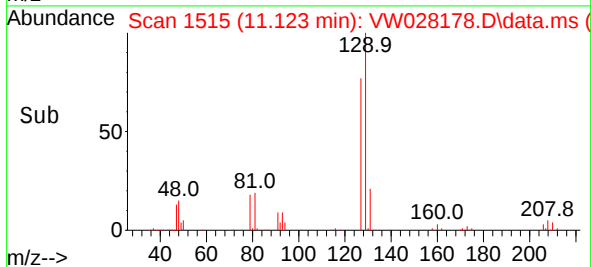
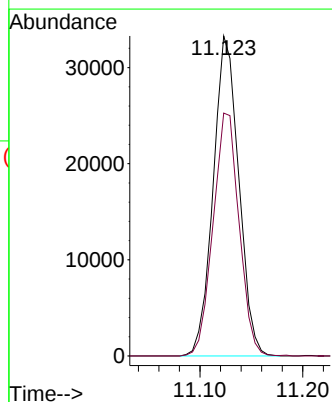
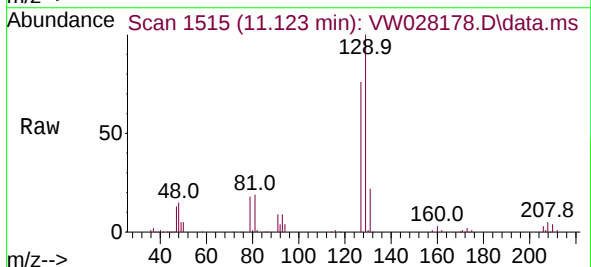
Instrument :
MSVOA_W
ClientSampleId :

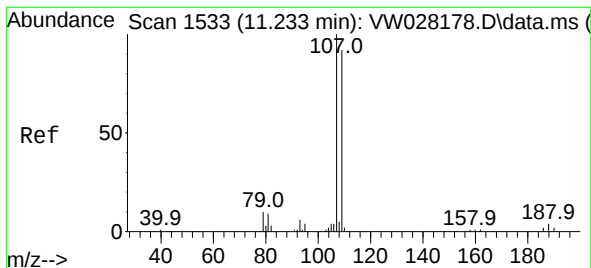
Tgt Ion:	43	Resp:	61257
Ion	Ratio	Lower	Upper
43	100		
58	50.8	40.6	61.0
57	19.6	15.7	23.5
100	12.1	9.7	14.5



#49
Dibromochloromethane
Concen: 24.242 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW028178.D
Acq: 14 Mar 2024 14:09

Tgt Ion:	129	Resp:	57486
Ion	Ratio	Lower	Upper
129	100		
127	75.9	53.1	98.7





#50

1,2-Dibromoethane

Concen: 23.836 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028178.D

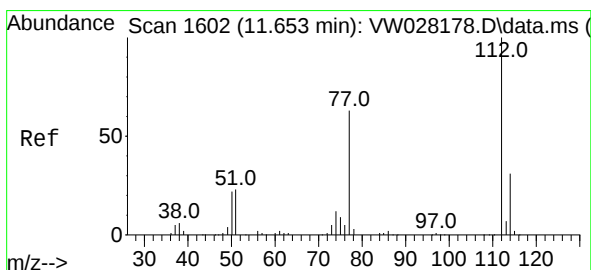
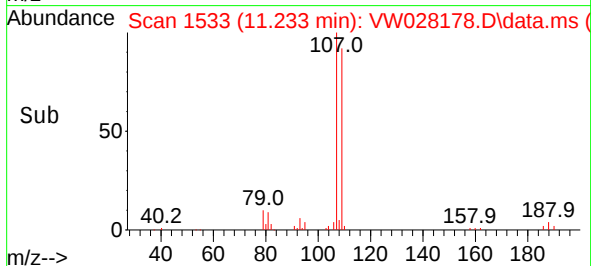
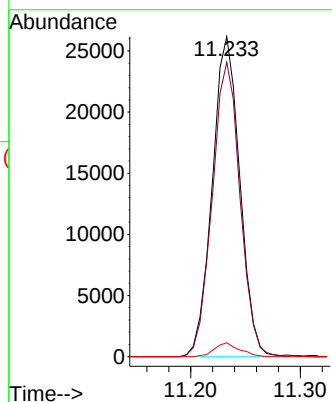
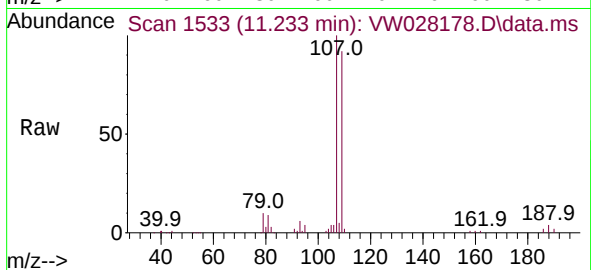
Acq: 14 Mar 2024 14:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	45634
Ion	Ratio	Lower	Upper
107	100		
109	92.0	64.4	119.6
188	4.3	3.4	5.2



#51

Chlorobenzene

Concen: 24.087 ug/L

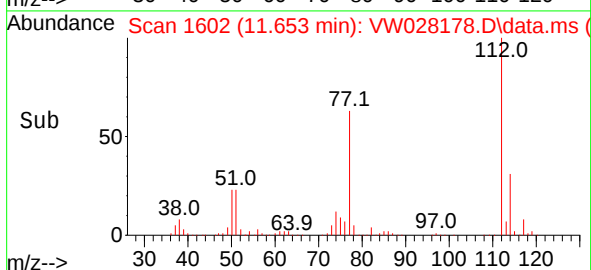
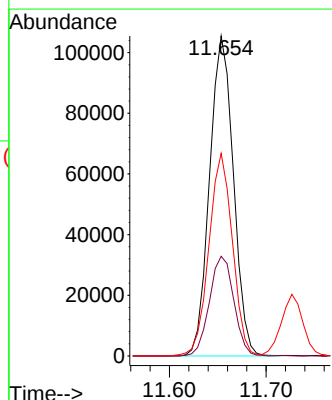
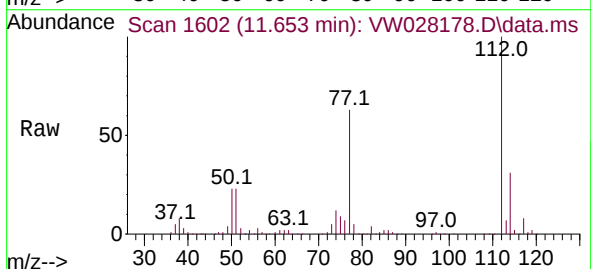
RT: 11.653 min Scan# 1602

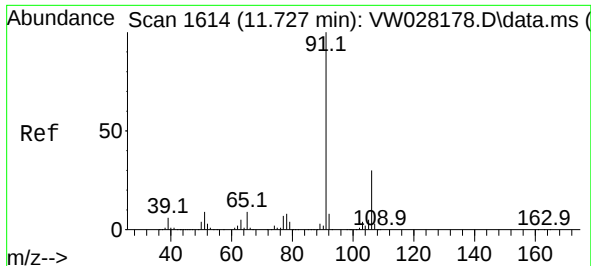
Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

Tgt Ion:	112	Resp:	180783
Ion	Ratio	Lower	Upper
112	100		
114	31.2	21.8	40.6
77	63.3	50.6	76.0





#52

Ethylbenzene

Concen: 24.970 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

Instrument :

MSVOA_W

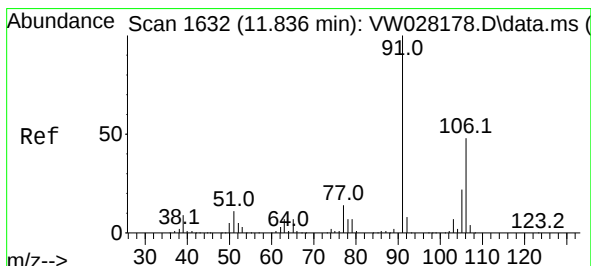
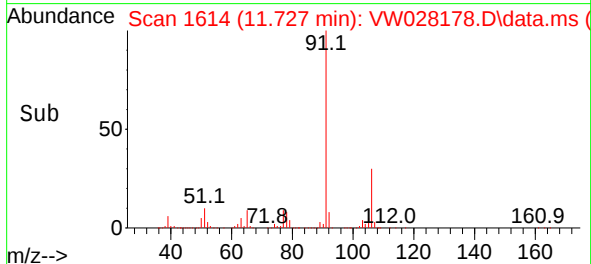
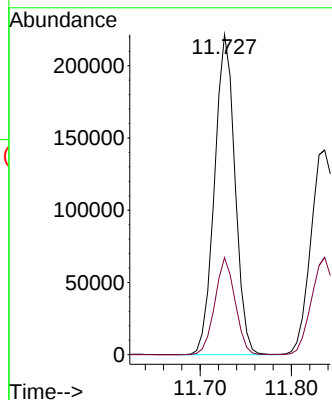
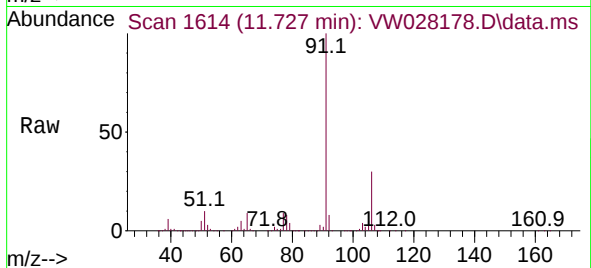
ClientSampleId :

Tgt Ion: 91 Resp: 344675

Ion Ratio Lower Upper

91 100

106 30.4 21.3 39.5



#53

m,p-Xylene

Concen: 24.031 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028178.D

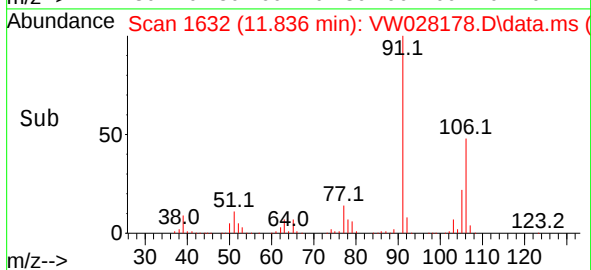
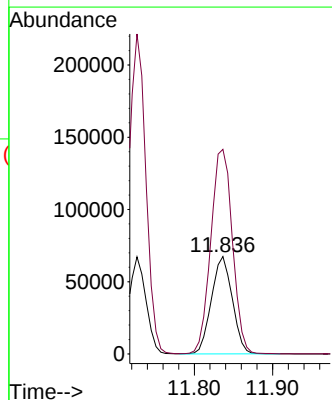
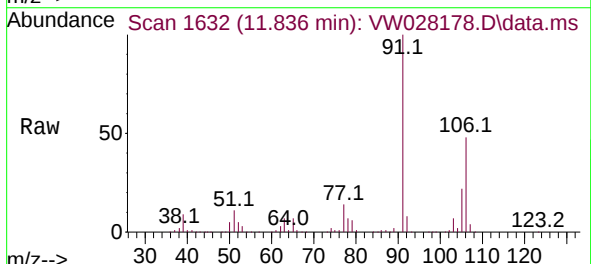
Acq: 14 Mar 2024 14:09

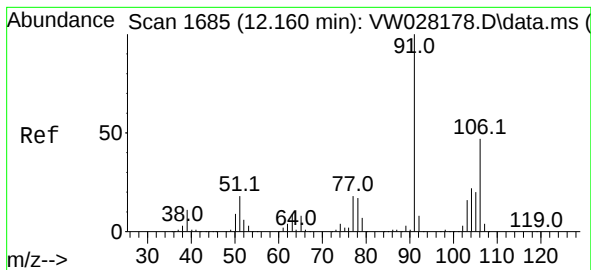
Tgt Ion:106 Resp: 124829

Ion Ratio Lower Upper

106 100

91 210.1 147.1 273.1





#54

o-Xylene

Concen: 24.741 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

Instrument :

MSVOA_W

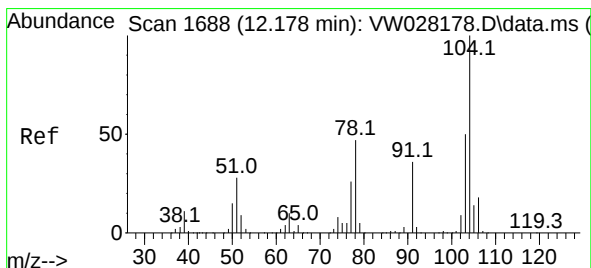
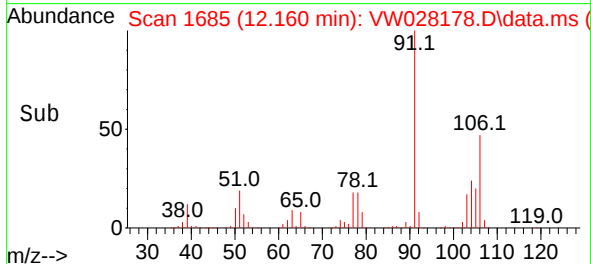
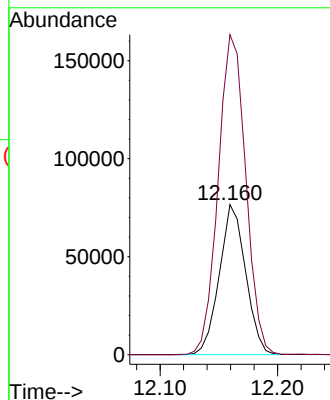
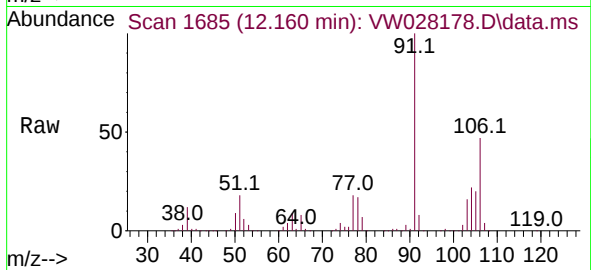
ClientSampleId :

Tgt Ion:106 Resp: 119176

Ion Ratio Lower Upper

106 100

91 213.2 149.2 277.2



#55

Styrene

Concen: 25.018 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028178.D

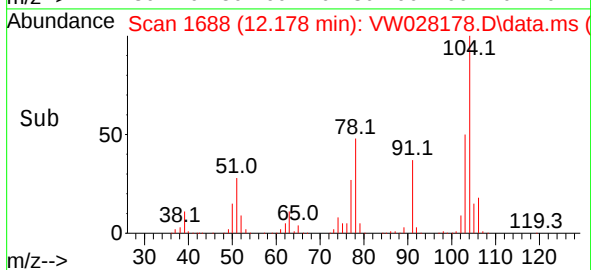
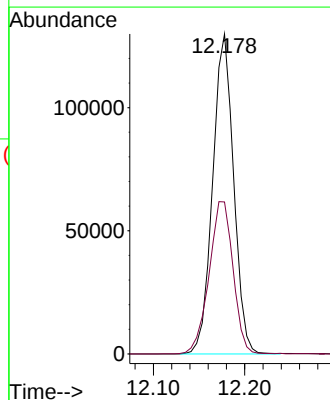
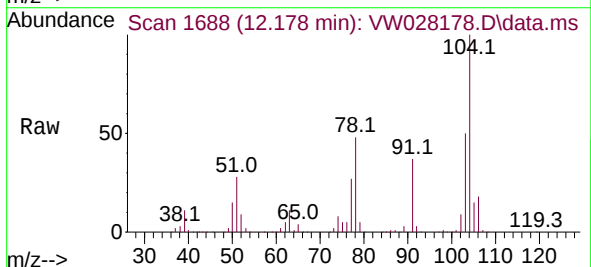
Acq: 14 Mar 2024 14:09

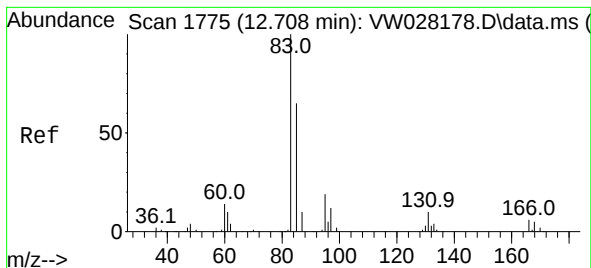
Tgt Ion:104 Resp: 207003

Ion Ratio Lower Upper

104 100

78 47.5 33.2 61.7

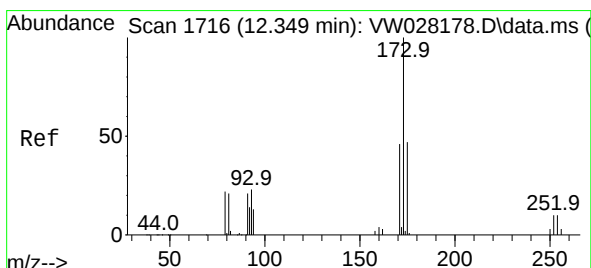
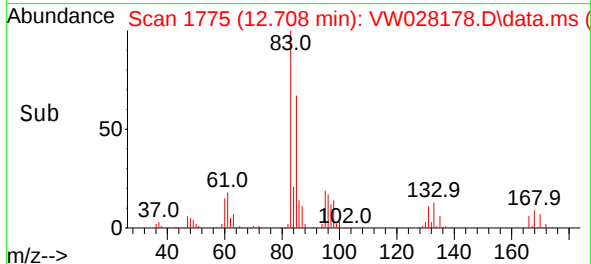
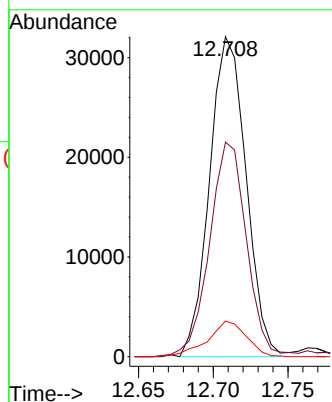
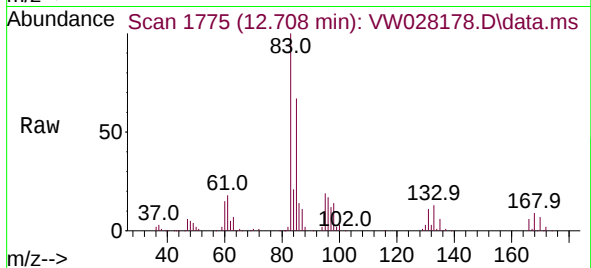




#57
1,1,2-Tetrachloroethane
Concen: 23.784 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028178.D
Acq: 14 Mar 2024 14:09

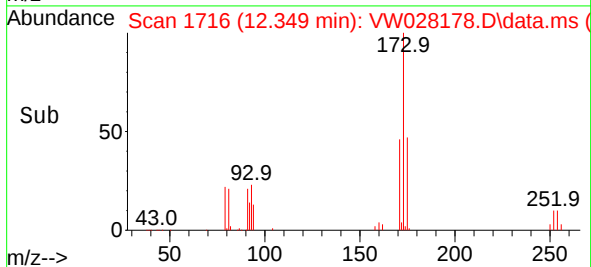
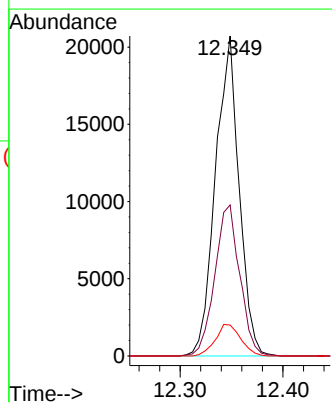
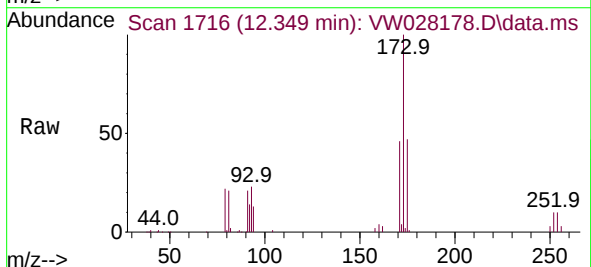
Instrument :
MSVOA_W
ClientSampleId :

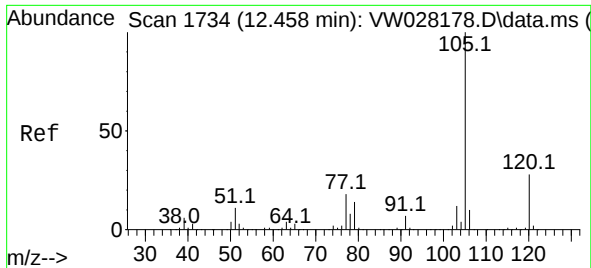
Tgt Ion: 83 Resp: 54471
Ion Ratio Lower Upper
83 100
85 67.1 47.0 87.2
131 11.1 8.9 13.3



#59
Bromoform
Concen: 23.512 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW028178.D
Acq: 14 Mar 2024 14:09

Tgt Ion:173 Resp: 33045
Ion Ratio Lower Upper
173 100
175 49.7 39.8 59.6
254 10.6 8.5 12.7

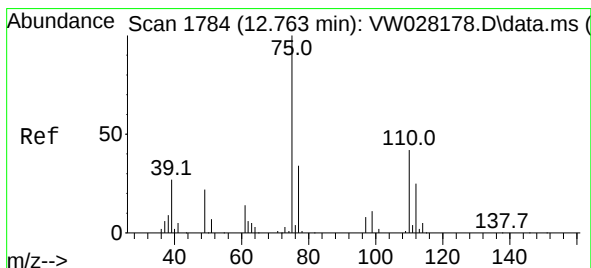
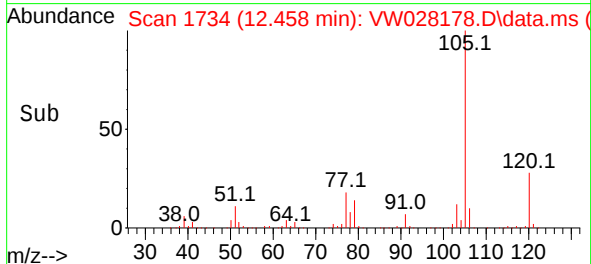
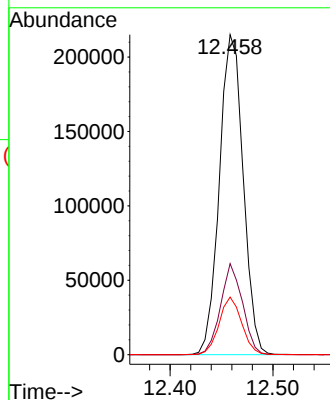
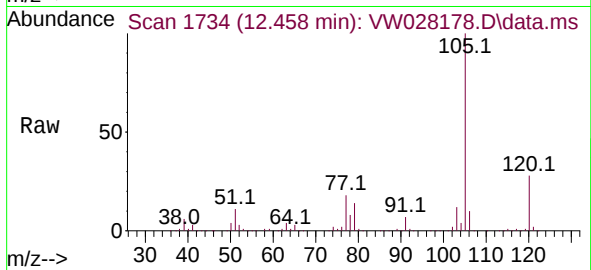




#60
Isopropylbenzene
Concen: 24.813 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028178.D
Acq: 14 Mar 2024 14:09

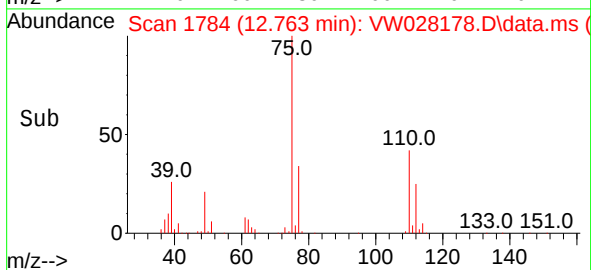
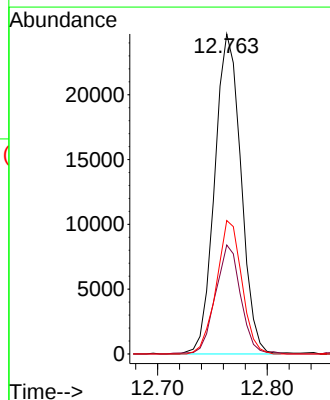
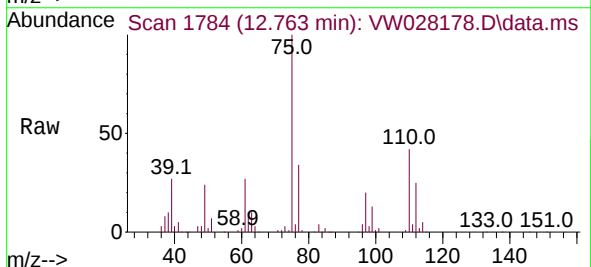
Instrument :
MSVOA_W
ClientSampleId :

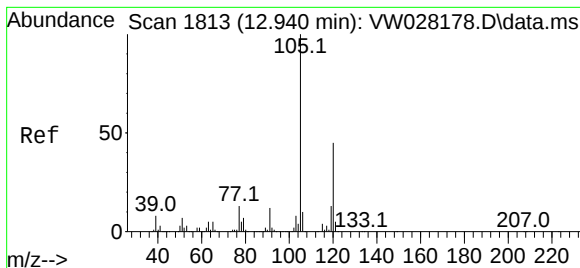
Tgt Ion:105 Resp: 345780
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 17.1 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 22.996 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028178.D
Acq: 14 Mar 2024 14:09

Tgt Ion: 75 Resp: 41163
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
110 40.2 32.2 48.2





#62

1,3,5-Trimethylbenzene

Concen: 24.761 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

Instrument :

MSVOA_W

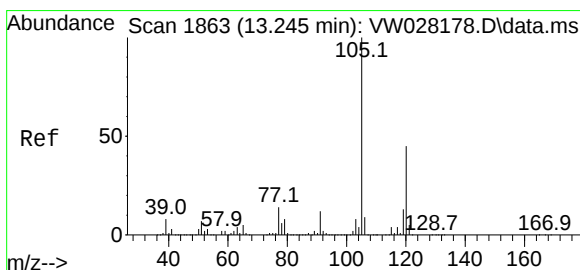
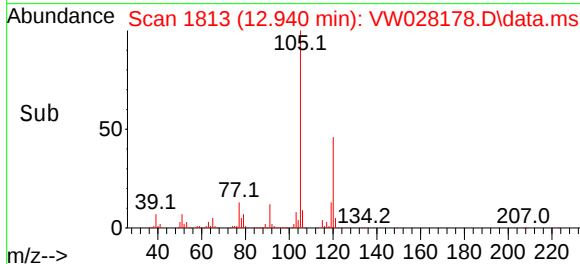
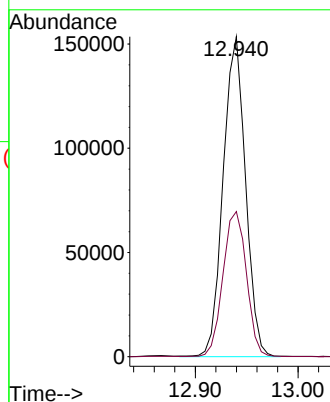
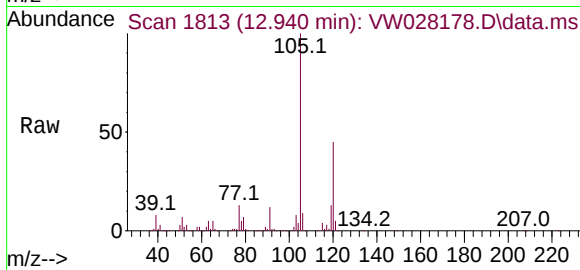
ClientSampleId :

Tgt Ion:105 Resp: 231522

Ion Ratio Lower Upper

105 100

120 47.7 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 25.051 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028178.D

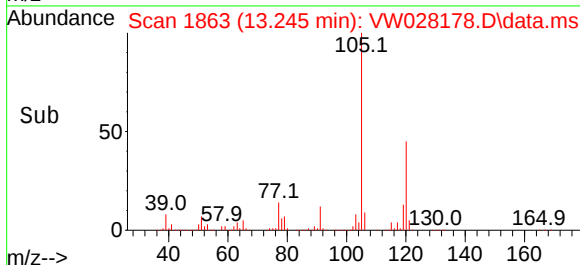
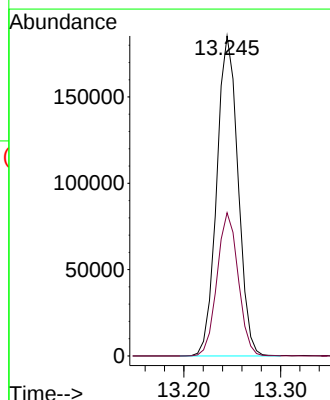
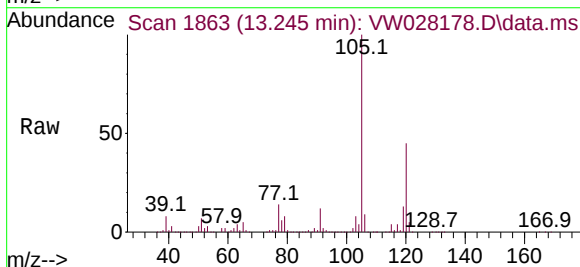
Acq: 14 Mar 2024 14:09

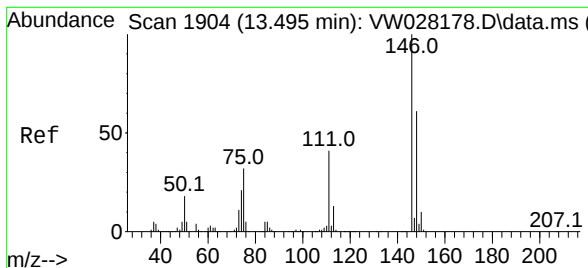
Tgt Ion:105 Resp: 282830

Ion Ratio Lower Upper

105 100

120 44.5 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 24.463 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

Instrument :

MSVOA_W

ClientSampleId :

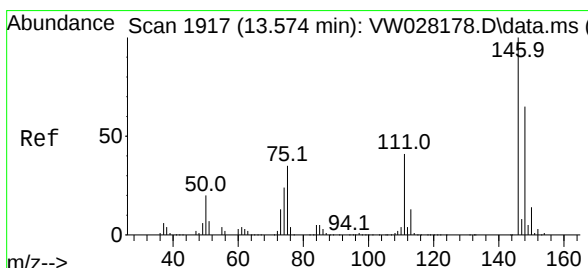
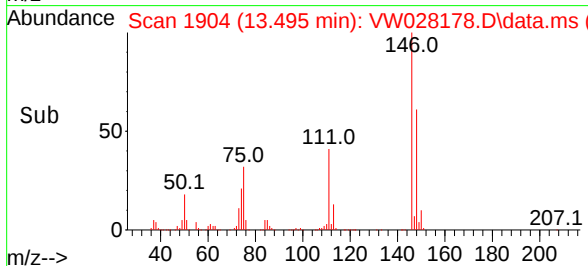
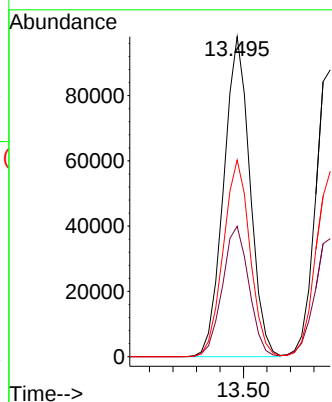
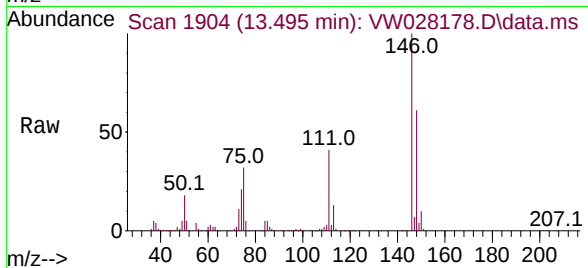
Tgt Ion:146 Resp: 152088

Ion Ratio Lower Upper

146 100

111 40.7 28.5 52.9

148 61.5 43.0 80.0



#65

1,4-Dichlorobenzene

Concen: 23.968 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

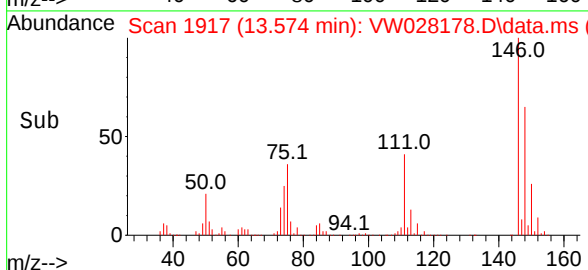
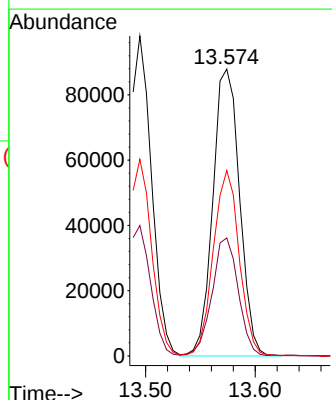
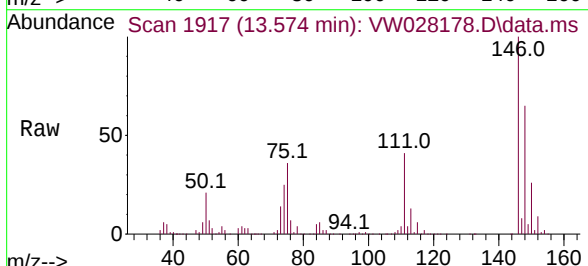
Tgt Ion:146 Resp: 148998

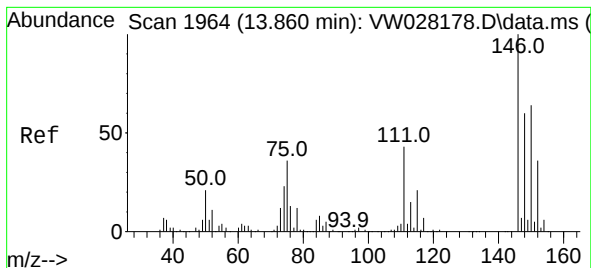
Ion Ratio Lower Upper

146 100

111 41.2 28.8 53.6

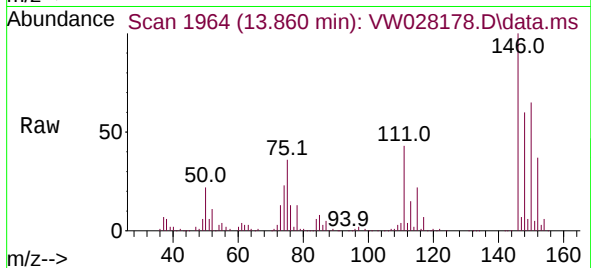
148 64.7 45.3 84.1



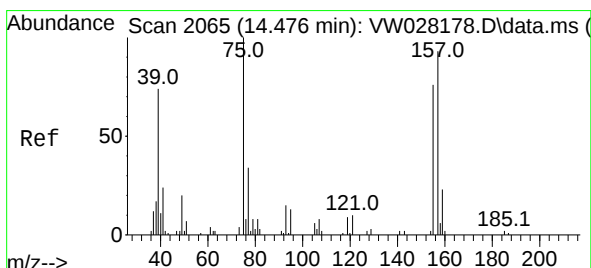
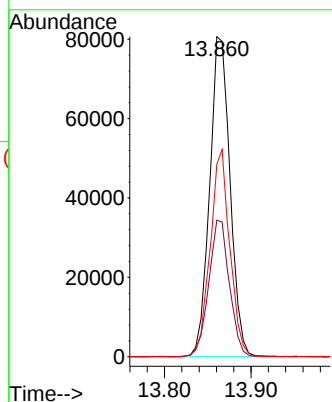
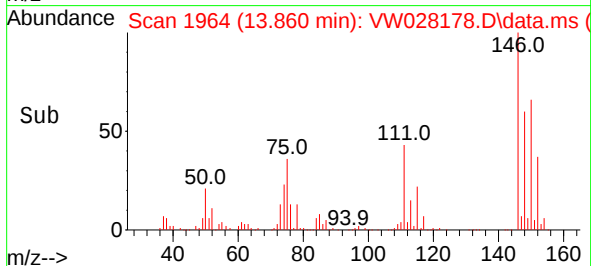


#67
1,2-Dichlorobenzene
Concen: 24.625 ug/L
RT: 13.860 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VW028178.D
Acq: 14 Mar 2024 14:09

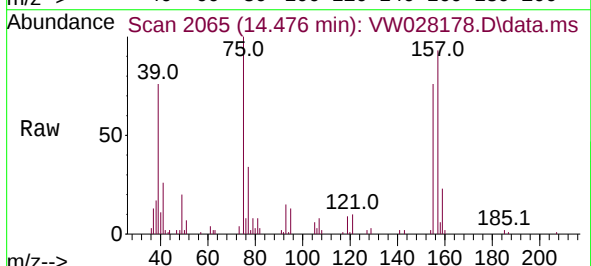
Instrument :
MSVOA_W
ClientSampleId :



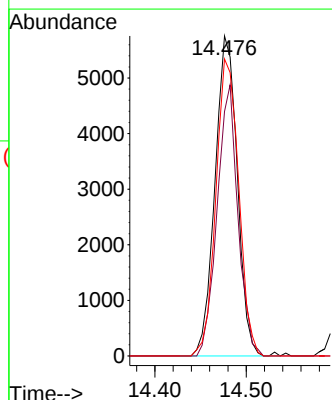
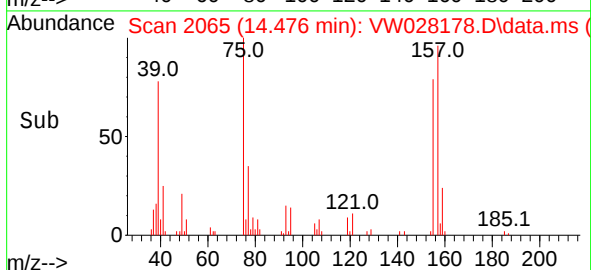
Tgt Ion:146 Resp: 131836
Ion Ratio Lower Upper
146 100
111 42.7 34.2 51.2
148 60.1 48.1 72.1

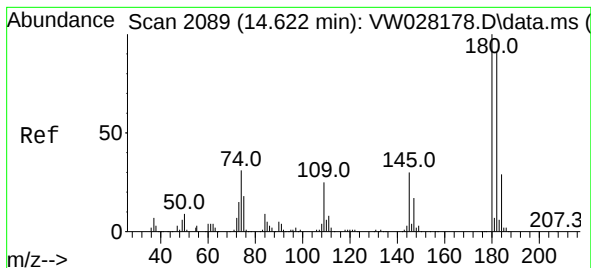


#68
1,2-Dibromo-3-chloropropane
Concen: 23.204 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028178.D
Acq: 14 Mar 2024 14:09



Tgt Ion: 75 Resp: 9757
Ion Ratio Lower Upper
75 100
155 76.4 61.1 91.7
157 92.8 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 24.945 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. 0.000 min

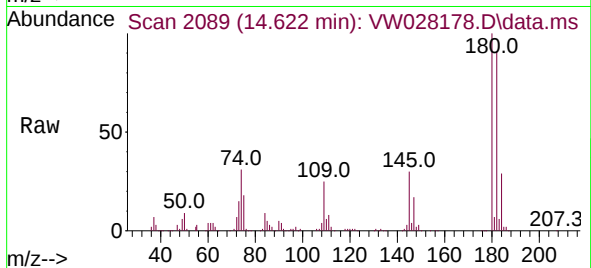
Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 108023

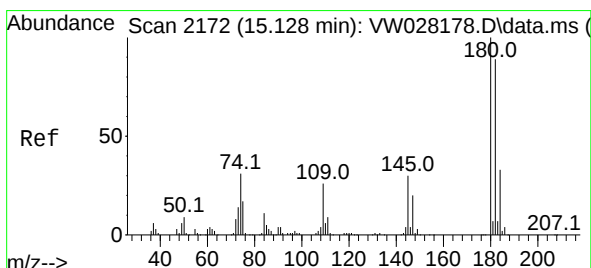
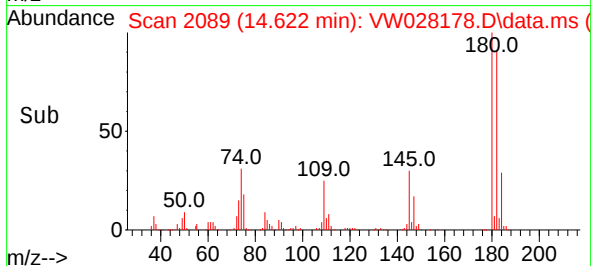
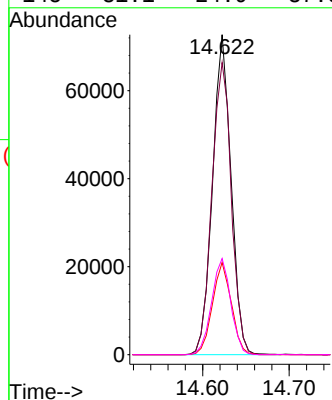
Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

184 29.4 23.5 35.3

145 31.1 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 24.508 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

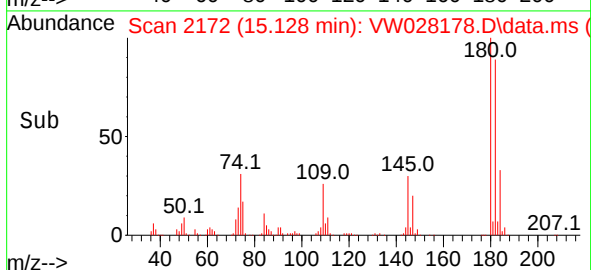
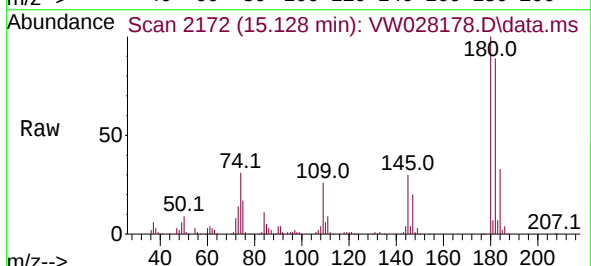
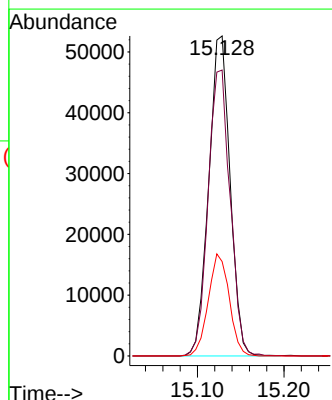
Tgt Ion:180 Resp: 90163

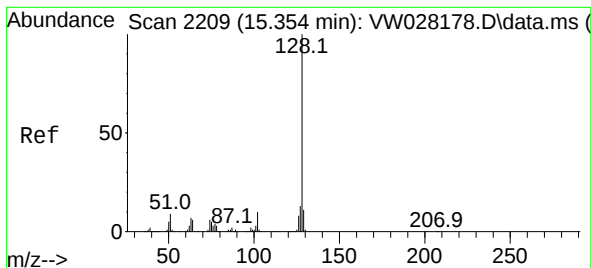
Ion Ratio Lower Upper

180 100

182 92.3 73.8 110.8

145 31.3 25.0 37.6





#71

Naphthalene

Concen: 23.947 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

Instrument :

MSVOA_W

ClientSampleId :

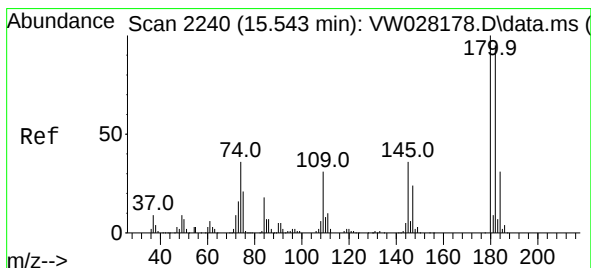
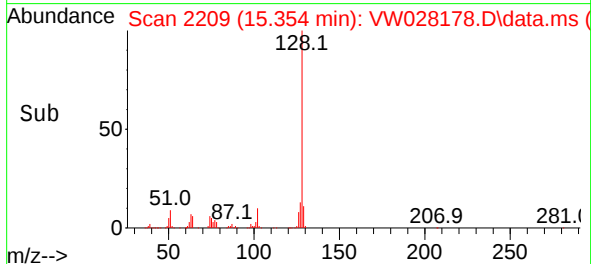
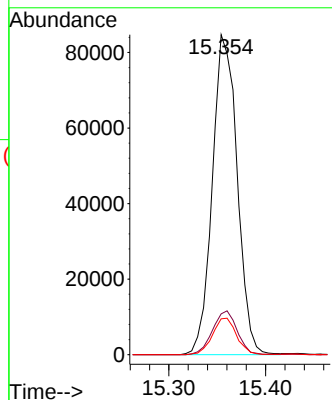
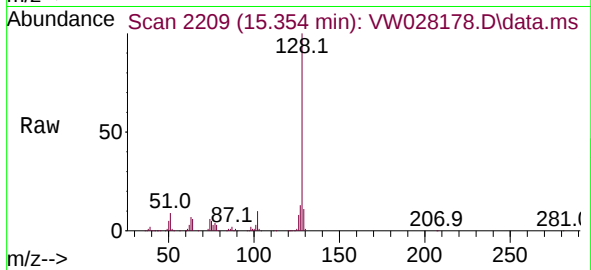
Tgt Ion:128 Resp: 151212

Ion Ratio Lower Upper

128 100

127 13.6 10.9 16.3

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 24.050 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VW028178.D

Acq: 14 Mar 2024 14:09

Tgt Ion:180 Resp: 72938

Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

145 33.9 27.1 40.7

