

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022924\
 Data File : VW028086.D
 Acq On : 29 Feb 2024 12:02
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 01 00:23:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 01 00:20:35 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	261581	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	244522	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	125982	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	325726	104.315	ug/L	0.00
7) Chloroethane-d5	2.899	69	269139	111.266	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	140332	110.025	ug/L	0.00
21) 2-Butanone-d5	7.075	46	103872	233.195	ug/L	0.00
24) Chloroform-d	7.654	84	608748	109.875	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	279760	108.498	ug/L	0.00
32) Benzene-d6	8.276	84	1237526	108.413	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	319472	108.323	ug/L	0.00
41) Toluene-d8	10.324	98	1183374	110.006	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	152606	118.078	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	104360	251.219	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	253777	109.025	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	398561	106.376	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	317058	119.159	ug/L	92
3) Chloromethane	2.228	50	270950	106.633	ug/L	98
5) Vinyl chloride	2.375	62	354968	100.244	ug/L	99
6) Bromomethane	2.789	94	287967	101.933	ug/L	100
8) Chloroethane	2.935	64	228324	102.672	ug/L	96
9) Trichlorofluoromethane	3.271	101	369385	111.837	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	353328	102.893	ug/L #	72
12) 1,1-Dichloroethene	4.051	96	332599	102.283	ug/L	97
13) Acetone	4.118	43	133031	215.117	ug/L	100
14) Carbon disulfide	4.393	76	1010315	101.996	ug/L	99
15) Methyl Acetate	4.667	43	89909	102.169	ug/L	98
16) Methylene chloride	4.923	84	320948	89.195	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	355940	102.441	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	430015	101.055	ug/L	99
19) 1,1-Dichloroethane	6.221	63	555525	101.116	ug/L	97
20) cis-1,2-Dichloroethene	7.166	96	378724	103.572	ug/L	97
22) 2-Butanone	7.166	43	151601	218.023	ug/L	99
23) Bromochloromethane	7.514	128	171838	100.102	ug/L	94
25) Chloroform	7.672	83	618607	100.810	ug/L	96
27) 1,2-Dichloroethane	8.398	62	354739	97.218	ug/L	100
29) Cyclohexane	7.959	56	493436	104.940	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	540639	99.026	ug/L	99
31) Carbon tetrachloride	8.069	117	512704	100.564	ug/L	99
33) Benzene	8.319	78	1299653	98.384	ug/L	100
34) Trichloroethene	9.093	95	382549	98.834	ug/L	97
35) Methylcyclohexane	9.337	83	652171	104.106	ug/L	97
37) 1,2-Dichloropropane	9.367	63	301897	98.136	ug/L	99
38) Bromodichloromethane	9.642	83	443328	99.771	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	537759	106.300	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	251470	205.808	ug/L	99
42) Toluene	10.385	91	1503938	100.756	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	451654	109.901	ug/L	100

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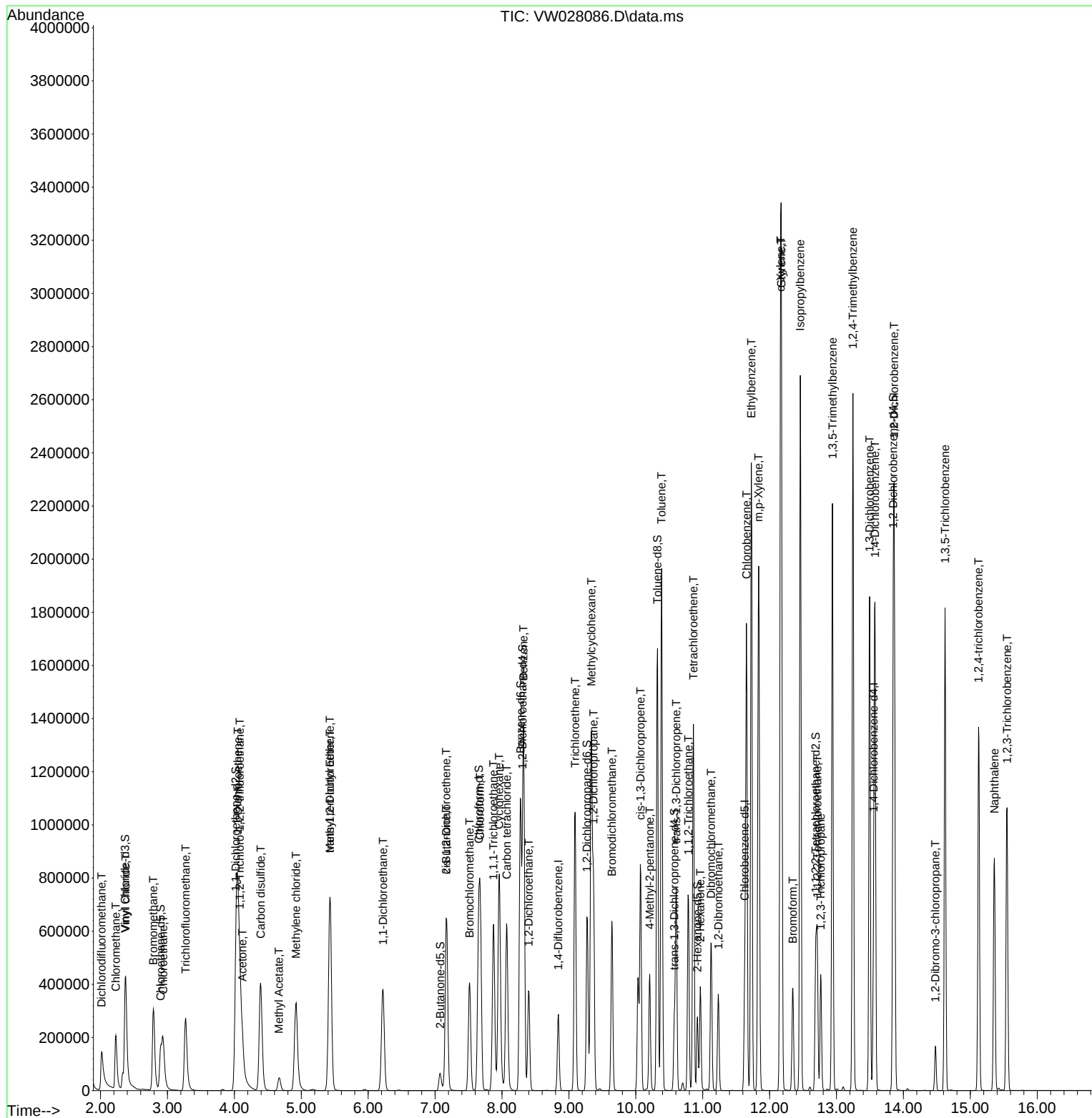
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	249016	96.519	ug/L	98
46) Tetrachloroethene	10.861	164	322939	99.551	ug/L	93
48) 2-Hexanone	10.964	43	214317	216.929	ug/L	98
49) Dibromochloromethane	11.123	129	315187	105.089	ug/L	87
50) 1,2-Dibromoethane	11.233	107	250894	100.967	ug/L	97
51) Chlorobenzene	11.653	112	1001462	100.552	ug/L	97
52) Ethylbenzene	11.727	91	1746211	102.324	ug/L	94
53) m,p-Xylene	11.836	106	693218	104.696	ug/L	97
54) o-Xylene	12.166	106	649084	103.583	ug/L	91
55) Styrene	12.178	104	1111150	103.973	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	268143	96.389	ug/L	98
59) Bromoform	12.348	173	184733	103.434	ug/L	96
60) Isopropylbenzene	12.458	105	1780764	103.033	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	186622	96.365	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1217658	107.456	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1423948	105.376	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	790115	98.916	ug/L	85
65) 1,4-Dichlorobenzene	13.574	146	803314	99.616	ug/L	90
67) 1,2-Dichlorobenzene	13.860	146	696253	96.767	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	41484	101.987	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.622	180	590696	100.209	ug/L	94
70) 1,2,4-trichlorobenzene	15.122	180	489397	103.382	ug/L	91
71) Naphthalene	15.360	128	823274	106.334	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	399601	100.943	ug/L	92

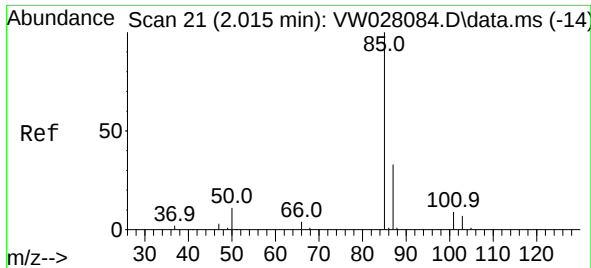
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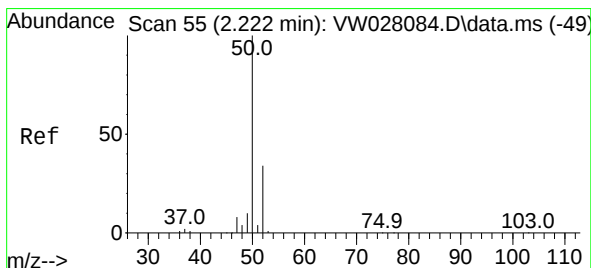
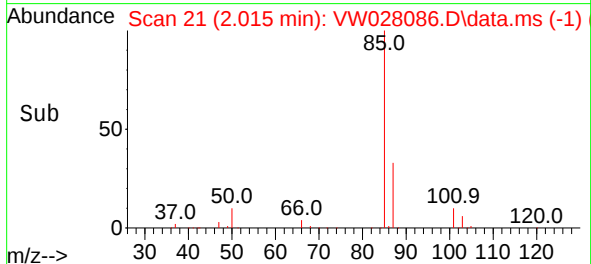
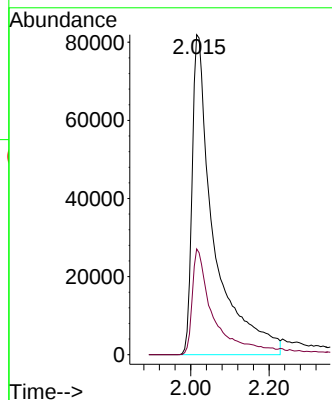
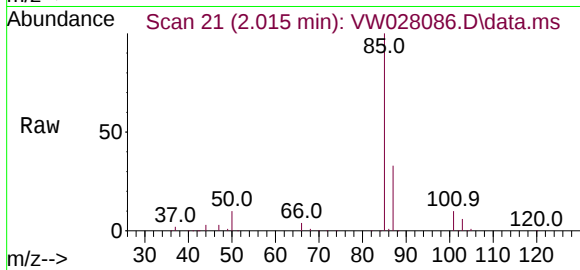




#2
 Dichlorodifluoromethane
 Concen: 119.159 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028086.D
 Acq: 29 Feb 2024 12:02

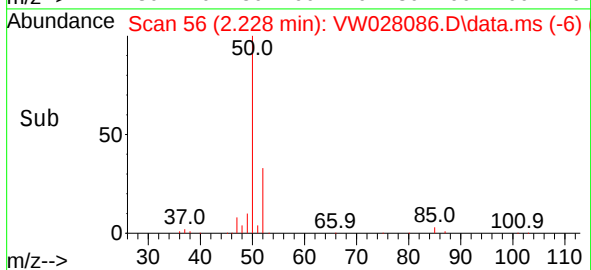
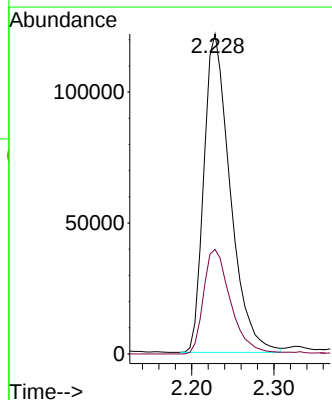
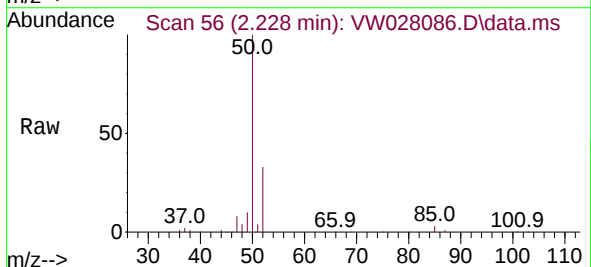
Instrument :
 MSVOA_W
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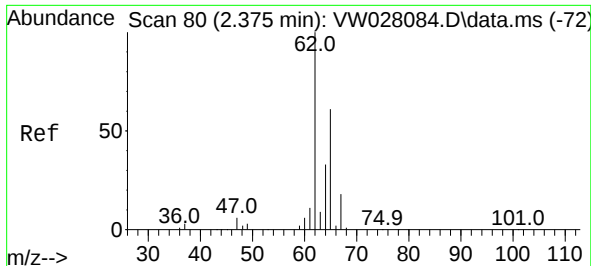
Tgt Ion: 85 Resp: 317058
 Ion Ratio Lower Upper
 85 100
 87 28.8 26.6 39.8



#3
 Chloromethane
 Concen: 106.633 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW028086.D
 Acq: 29 Feb 2024 12:02

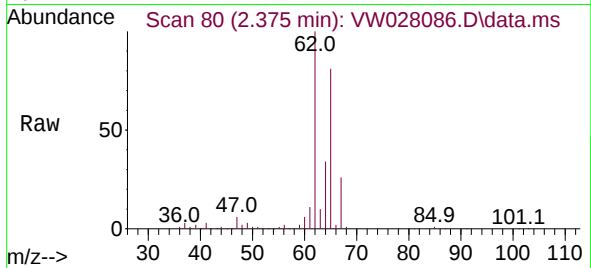
Tgt Ion: 50 Resp: 270950
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.7 43.9



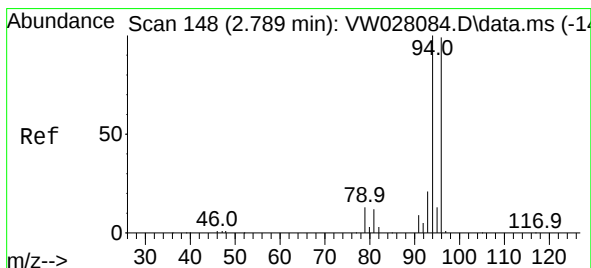
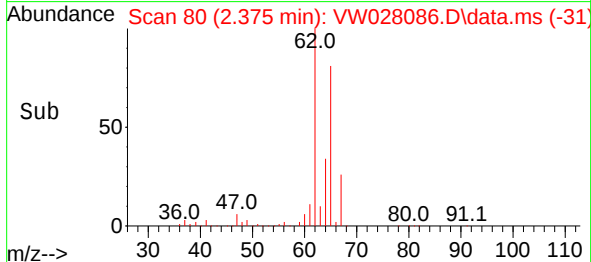
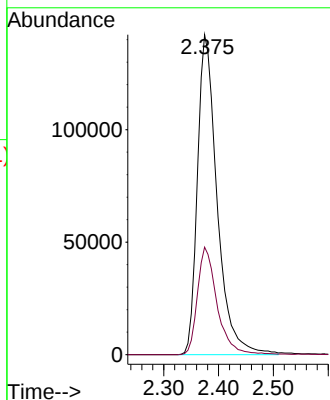


#5
 Vinyl chloride
 Concen: 100.244 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028086.D
 Acq: 29 Feb 2024 12:02

Instrument :
 MSVOA_W
 ClientSampleId :

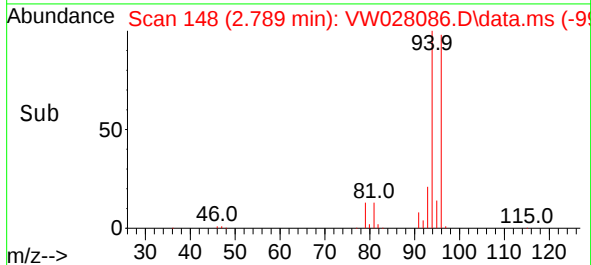
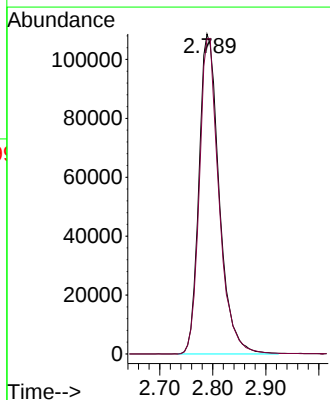
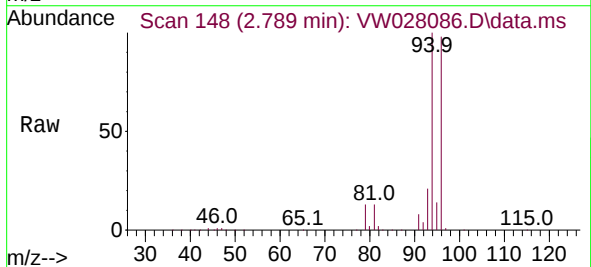


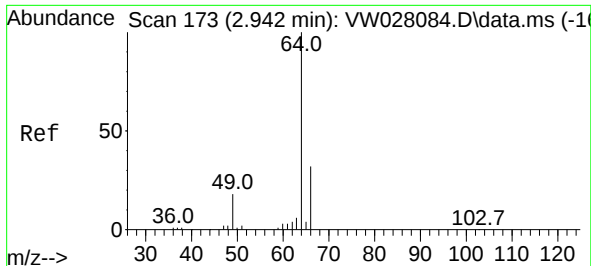
Tgt Ion: 62 Resp: 354968
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.2 43.0



#6
 Bromomethane
 Concen: 101.933 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW028086.D
 Acq: 29 Feb 2024 12:02

Tgt Ion: 94 Resp: 287967
 Ion Ratio Lower Upper
 94 100
 96 98.5 69.1 128.3

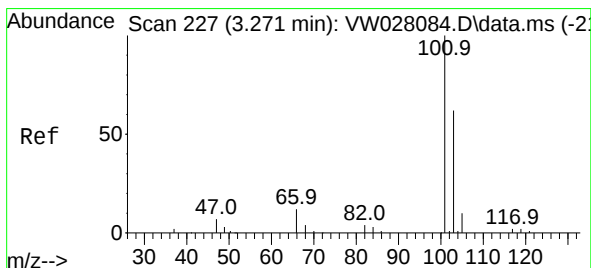
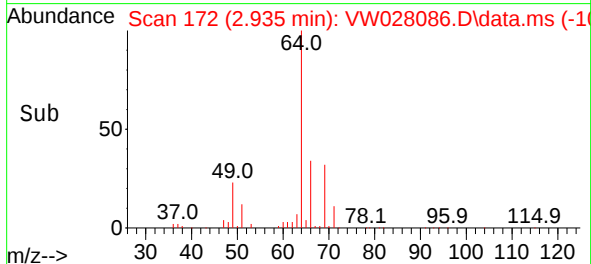
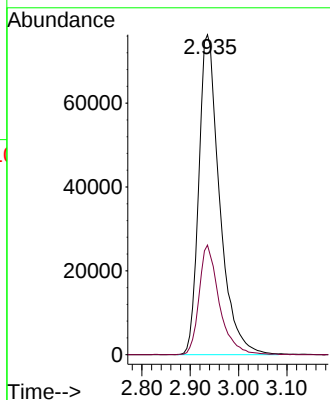
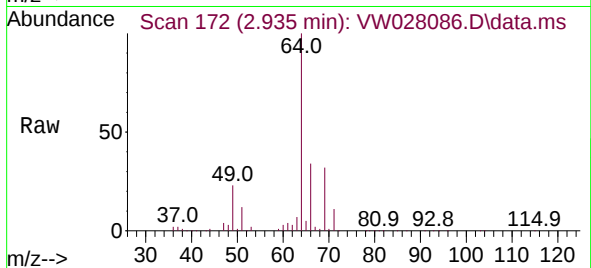




#8
Chloroethane
Concen: 102.672 ug/L
RT: 2.935 min Scan# 173
Delta R.T. -0.006 min
Lab File: VW028086.D
Acq: 29 Feb 2024 12:02

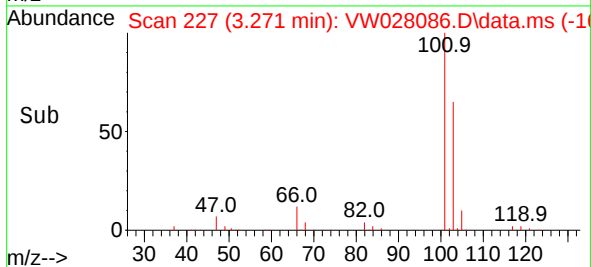
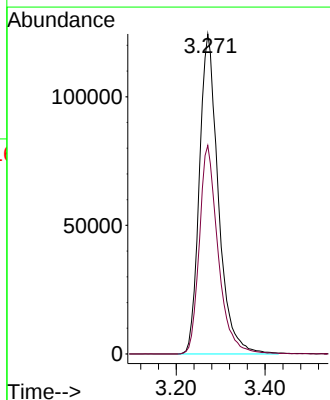
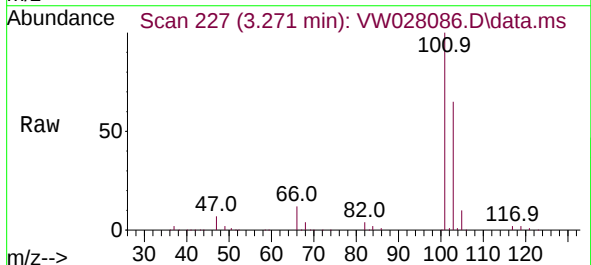
Instrument :
MSVOA_W
ClientSampleId :

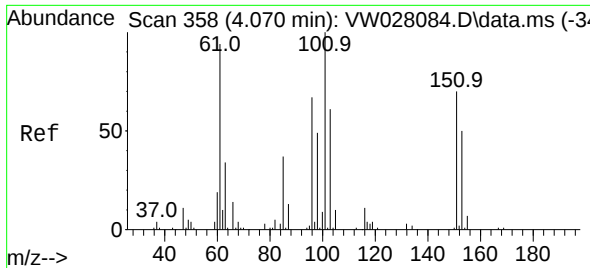
Tgt Ion: 64 Resp: 228324
Ion Ratio Lower Upper
64 100
66 34.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 111.837 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028086.D
Acq: 29 Feb 2024 12:02

Tgt Ion:101 Resp: 369385
Ion Ratio Lower Upper
101 100
103 64.3 52.6 78.8





#10

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

Concen: 102.893 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

Instrument :

MSVOA_W

ClientSampleId :

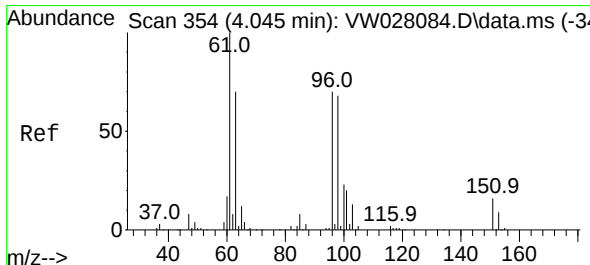
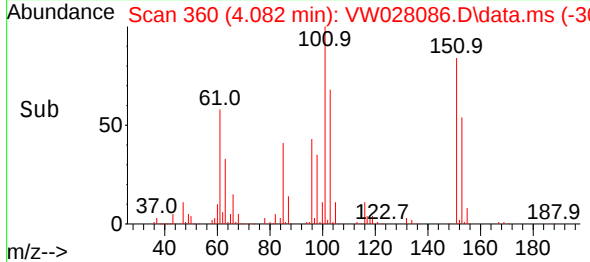
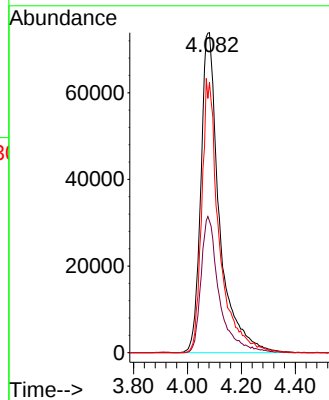
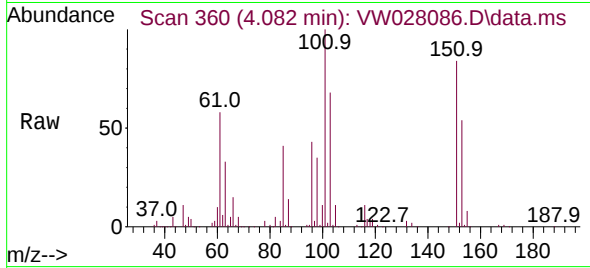
Tgt Ion:101 Resp: 353328

Ion Ratio Lower Upper

101 100

85 40.8 33.1 49.7

151 30.8 53.7 80.5#



#12

1,1-Dichloroethene

Concen: 102.283 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

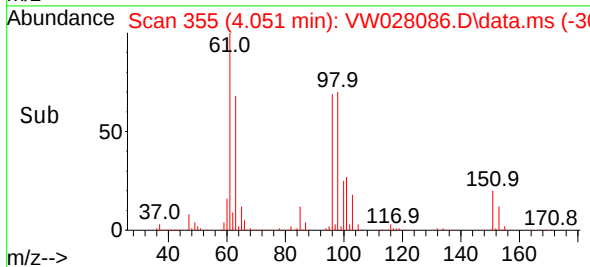
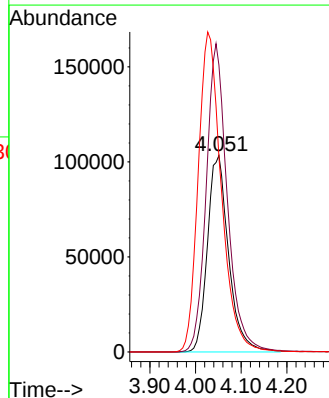
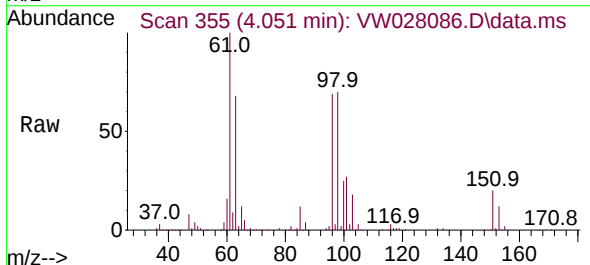
Tgt Ion: 96 Resp: 332599

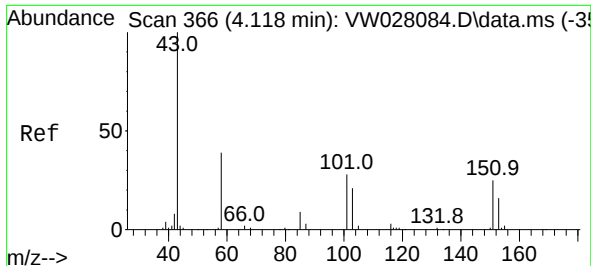
Ion Ratio Lower Upper

96 100

61 146.0 100.5 186.7

63 99.2 72.9 135.5

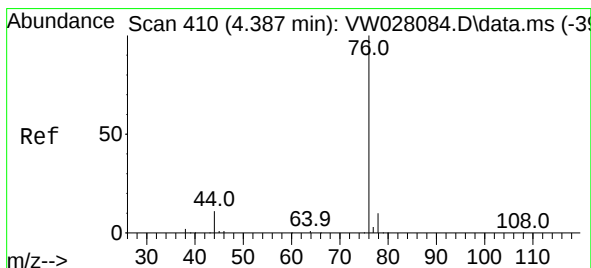
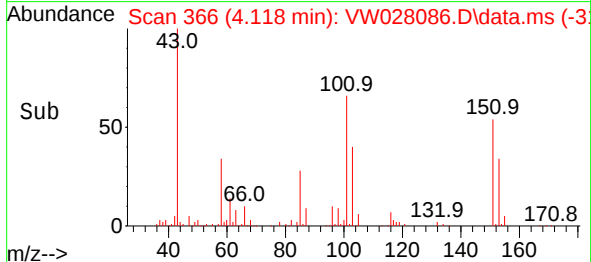
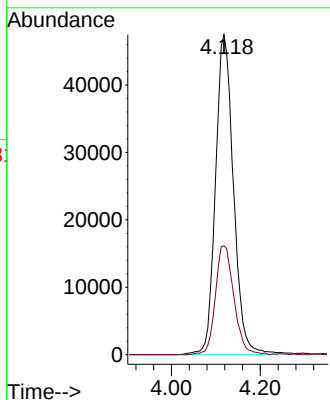
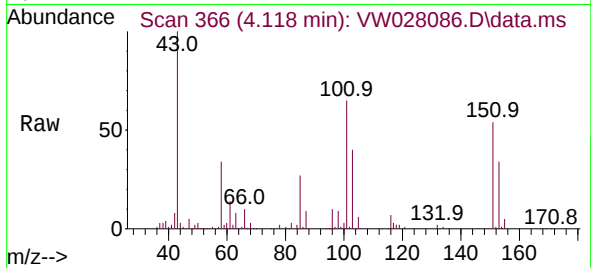




#13
Acetone
Concen: 215.117 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW028086.D
Acq: 29 Feb 2024 12:02

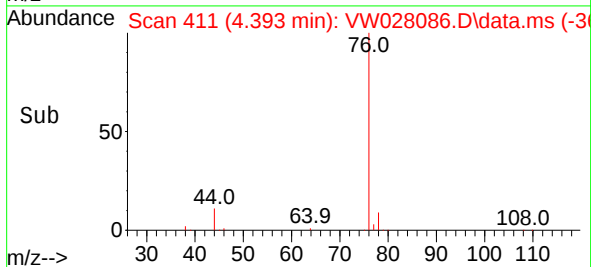
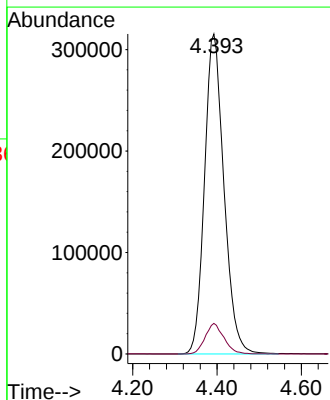
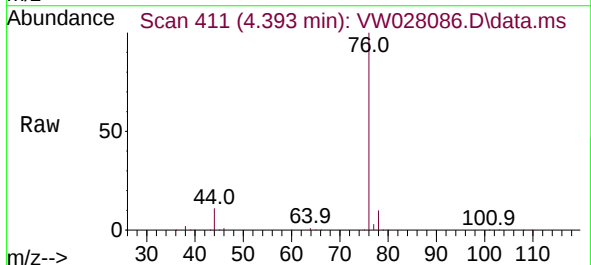
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ClientSampleId :

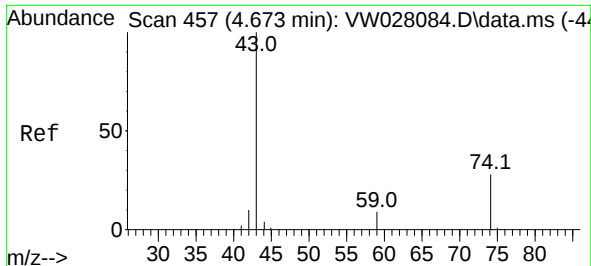
Tgt Ion: 43 Resp: 133031
Ion Ratio Lower Upper
43 100
58 34.8 0.0 70.0



#14
Carbon disulfide
Concen: 101.996 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW028086.D
Acq: 29 Feb 2024 12:02

Tgt Ion: 76 Resp: 1010315
Ion Ratio Lower Upper
76 100
78 9.6 7.9 11.9

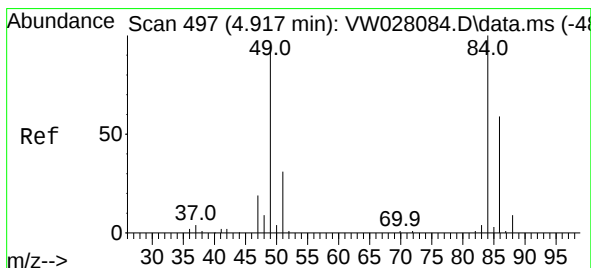
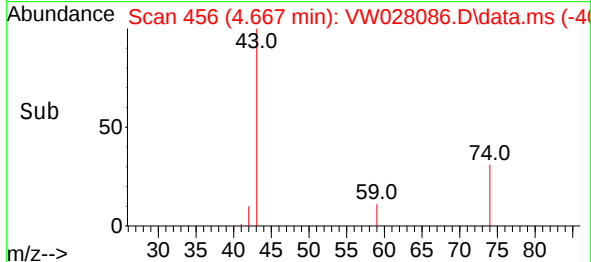
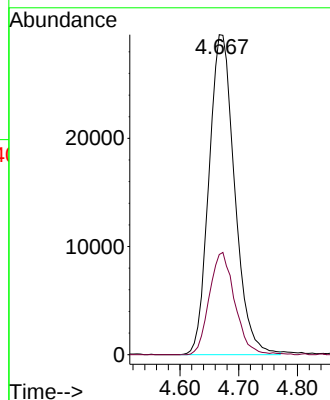
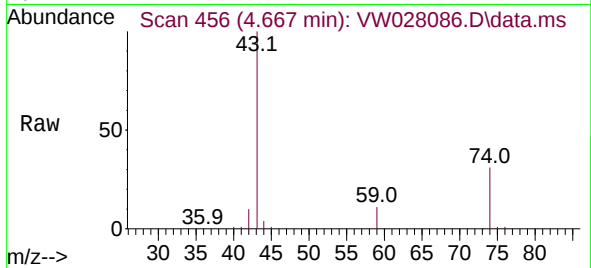




#15
Methyl Acetate
Concen: 102.169 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW028086.D
Acq: 29 Feb 2024 12:02

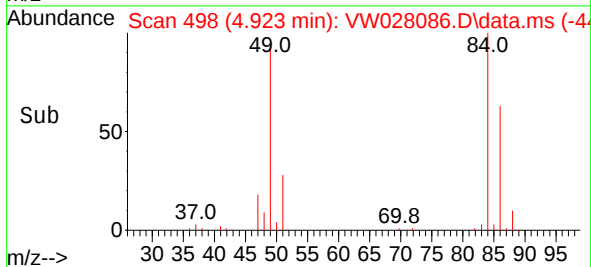
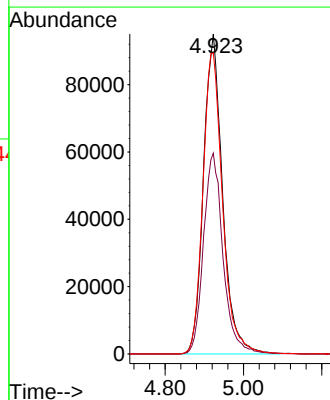
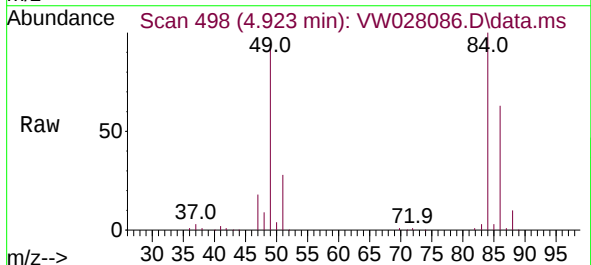
Instrument :
MSVOA_W
ClientSampleId :

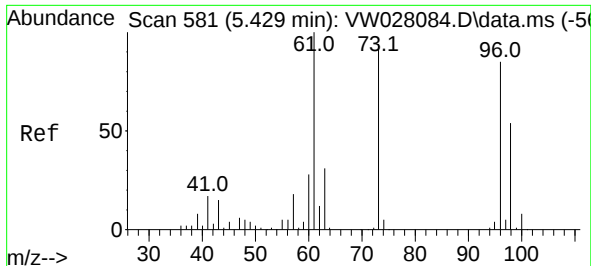
Tgt Ion: 43 Resp: 89909
Ion Ratio Lower Upper
43 100
74 31.4 24.3 36.5



#16
Methylene chloride
Concen: 89.195 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028086.D
Acq: 29 Feb 2024 12:02

Tgt Ion: 84 Resp: 320948
Ion Ratio Lower Upper
84 100
86 62.8 41.2 76.6
49 94.1 66.5 123.5





#17

trans-1,2-Dichloroethene

Concen: 102.441 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

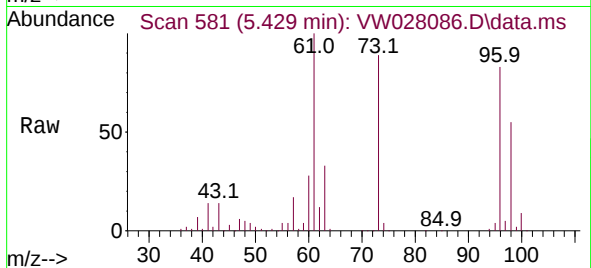
Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

Instrument :

MSVOA_W

ClientSampleId :



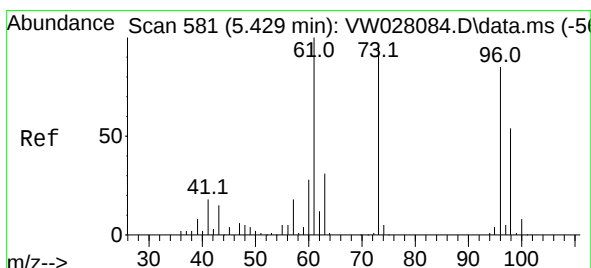
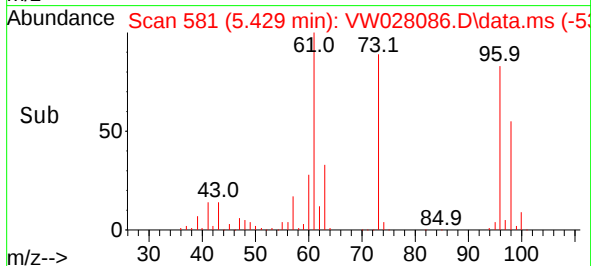
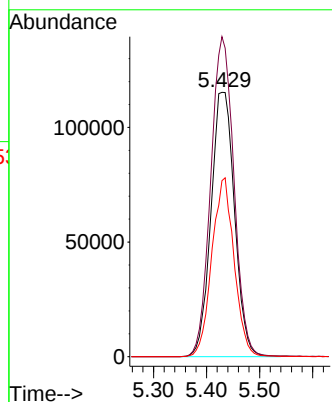
Tgt Ion: 96 Resp: 355940

Ion Ratio Lower Upper

96 100

61 121.1 82.6 153.4

98 66.6 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 101.055 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

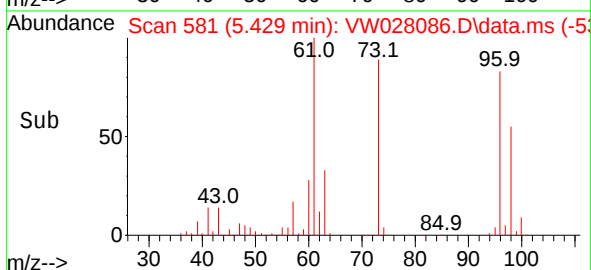
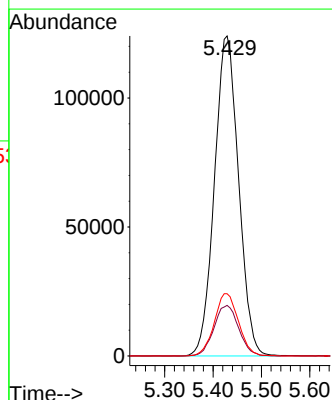
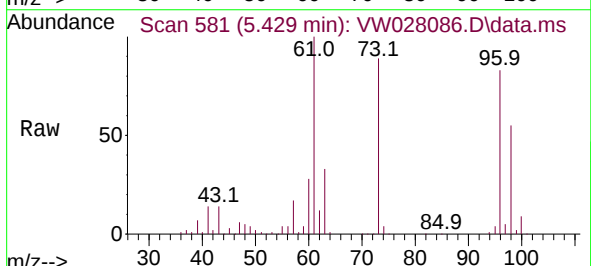
Tgt Ion: 73 Resp: 430015

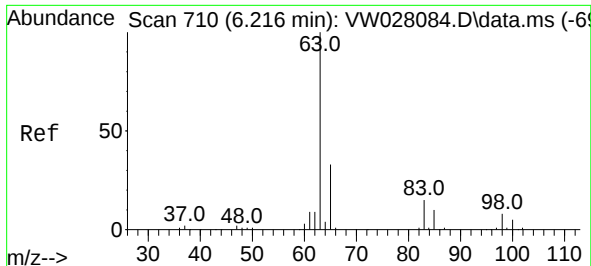
Ion Ratio Lower Upper

73 100

43 16.3 13.3 19.9

57 19.5 15.9 23.9





#19

1,1-Dichloroethane

Concen: 101.116 ug/L

RT: 6.221 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

Instrument :

MSVOA_W

ClientSampleId :

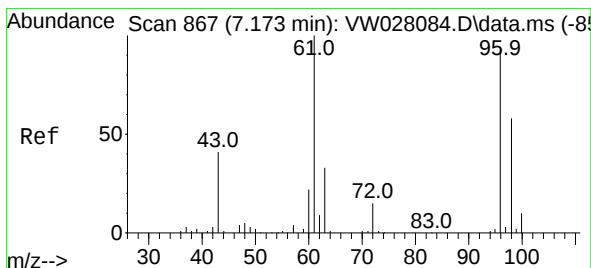
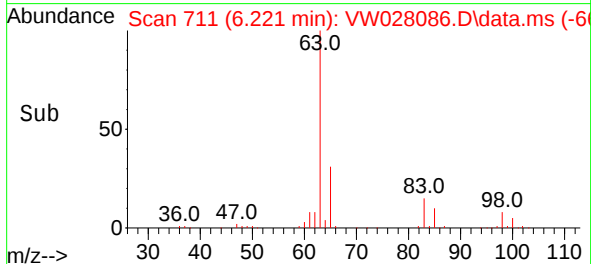
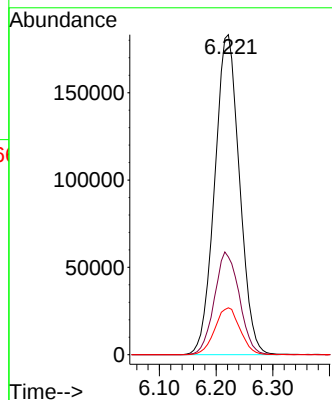
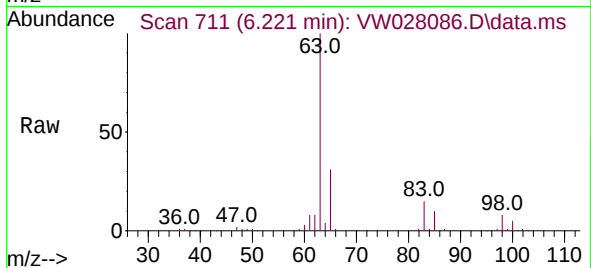
Tgt Ion: 63 Resp: 555525

Ion Ratio Lower Upper

63 100

65 30.6 23.2 43.0

83 14.6 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 103.572 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

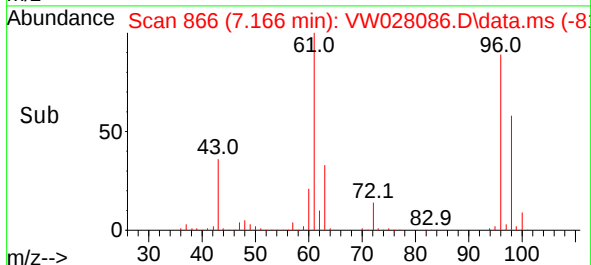
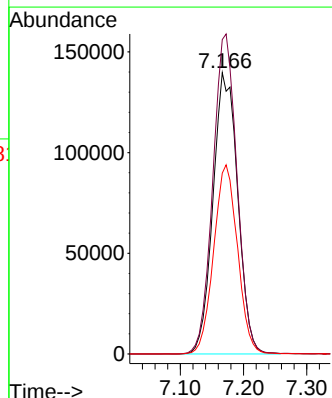
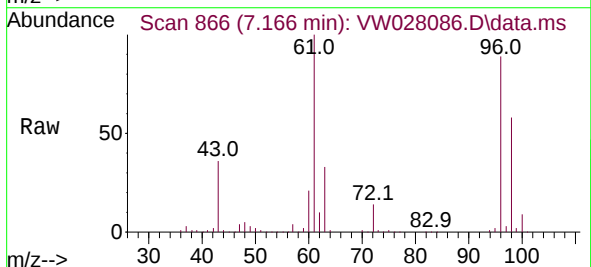
Tgt Ion: 96 Resp: 378724

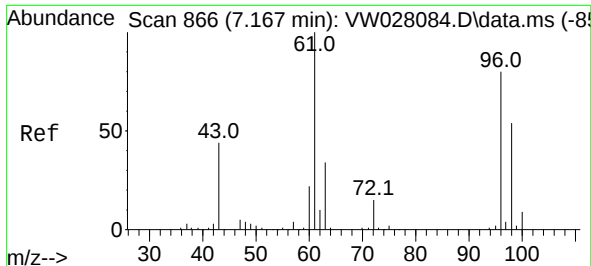
Ion Ratio Lower Upper

96 100

61 111.8 75.5 140.1

98 64.3 43.8 81.4





#22

2-Butanone

Concen: 218.023 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

Instrument :

MSVOA_W

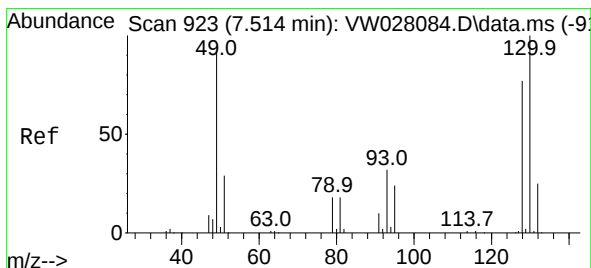
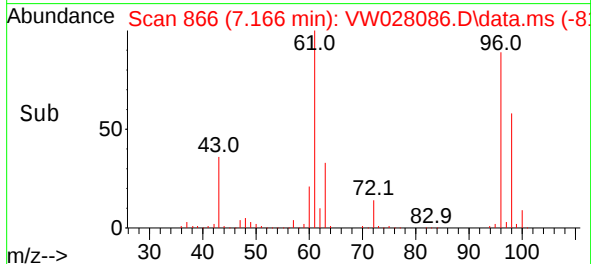
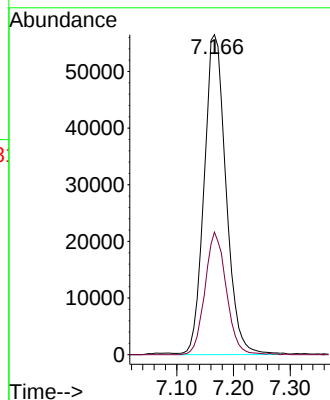
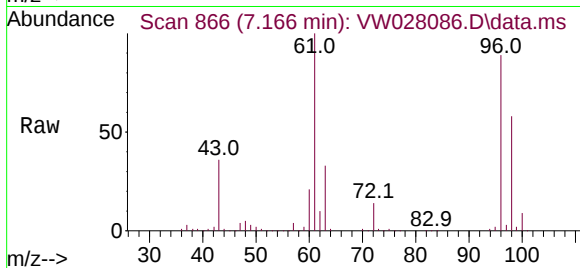
ClientSampleId :

Tgt Ion: 43 Resp: 151601

Ion Ratio Lower Upper

43 100

72 37.2 18.4 55.0



#23

Bromochloromethane

Concen: 100.102 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

Tgt Ion: 128 Resp: 171838

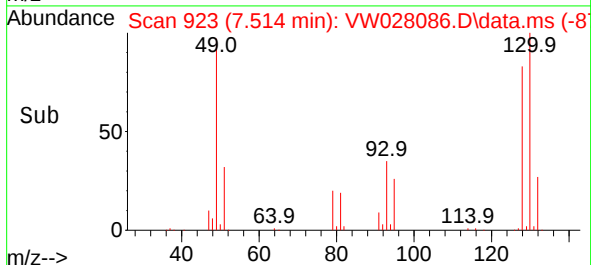
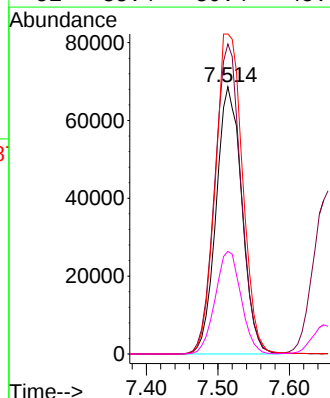
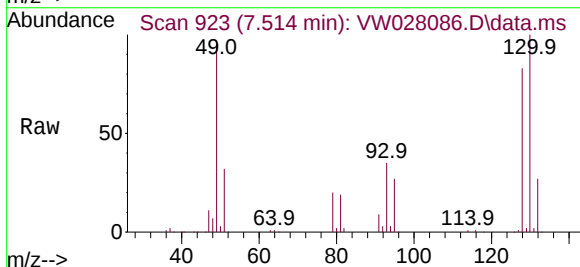
Ion Ratio Lower Upper

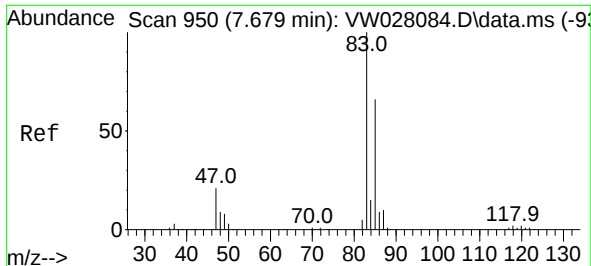
128 100

49 116.0 84.4 156.8

130 119.8 91.1 169.3

51 38.4 30.4 45.6





#25

Chloroform

Concen: 100.810 ug/L

RT: 7.672 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

Instrument :

MSVOA_W

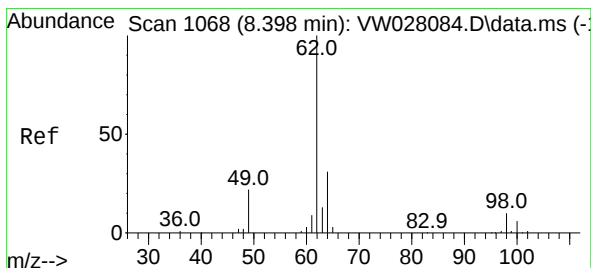
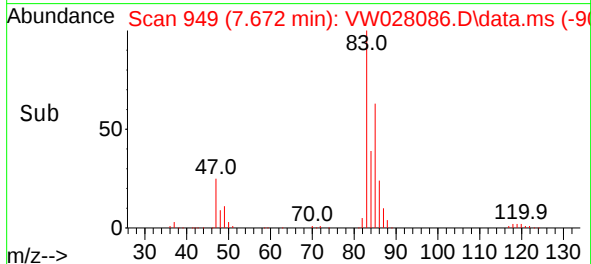
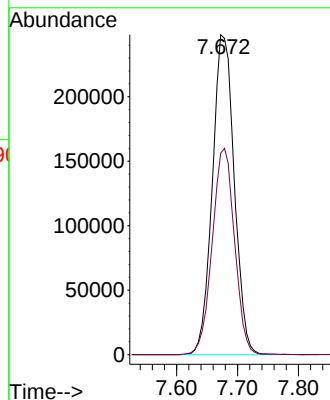
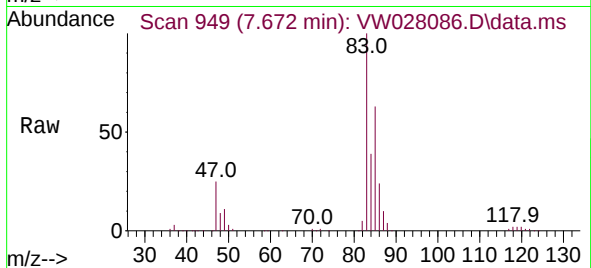
ClientSampleId :

Tgt Ion: 83 Resp: 618607

Ion Ratio Lower Upper

83 100

85 62.9 46.5 86.5



#27

1,2-Dichloroethane

Concen: 97.218 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028086.D

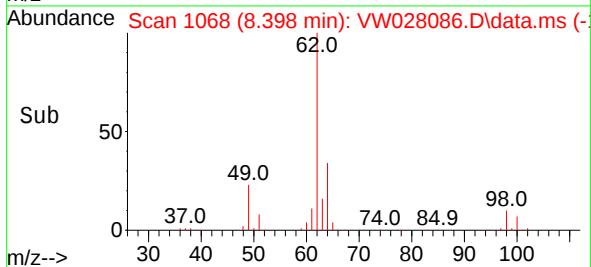
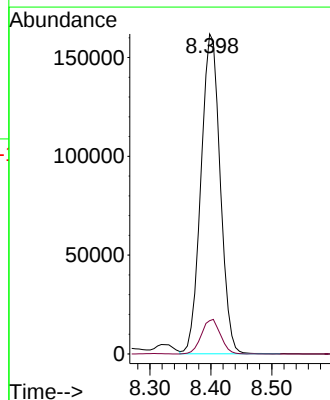
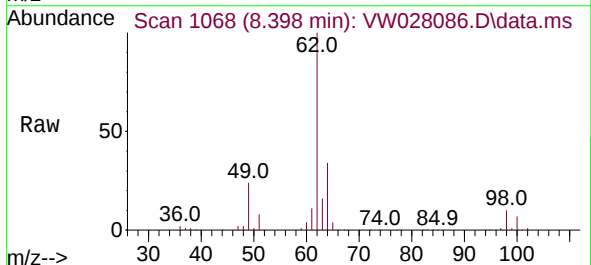
Acq: 29 Feb 2024 12:02

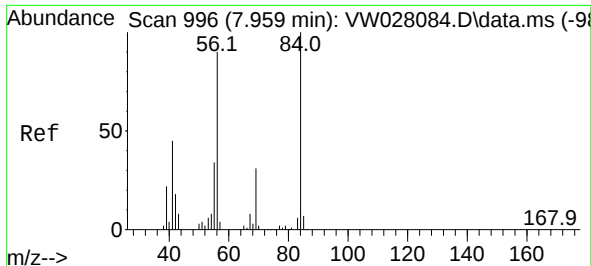
Tgt Ion: 62 Resp: 354739

Ion Ratio Lower Upper

62 100

98 10.4 8.2 12.4





#29

Cyclohexane

Concen: 104.940 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

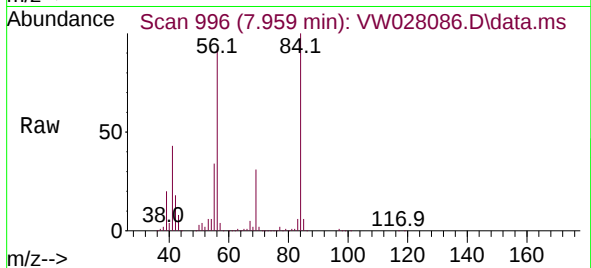
Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

Instrument :

MSVOA_W

ClientSampleId :



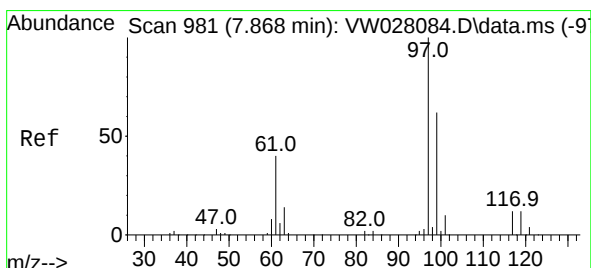
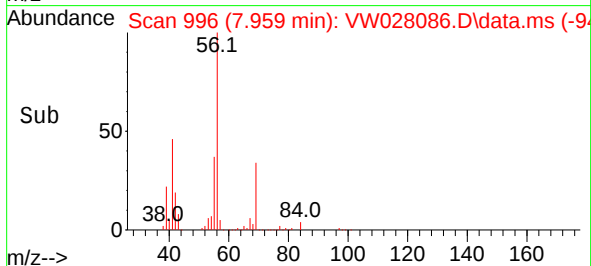
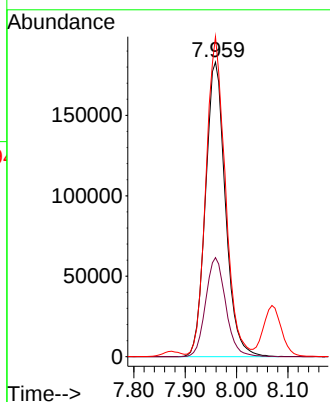
Tgt Ion: 56 Resp: 493436

Ion Ratio Lower Upper

56 100

69 34.0 27.6 41.4

84 105.3 86.6 129.8



#30

1,1,1-Trichloroethane

Concen: 99.026 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

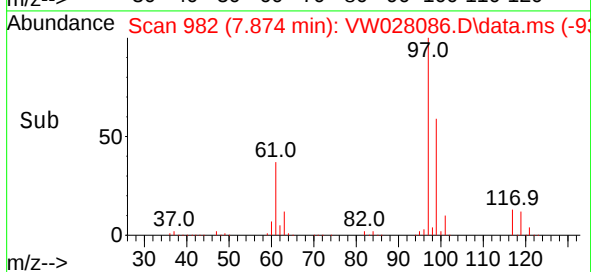
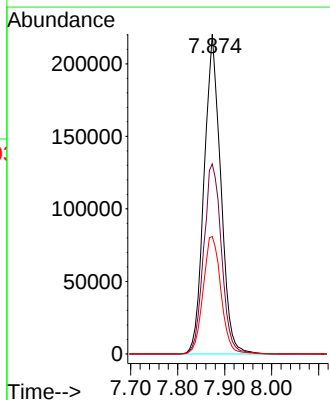
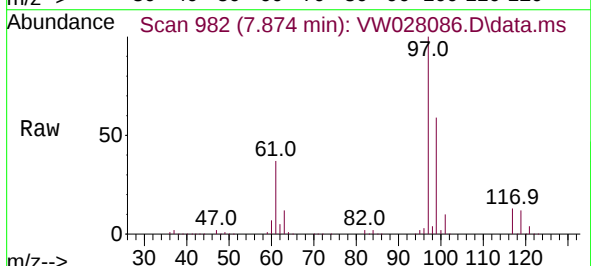
Tgt Ion: 97 Resp: 540639

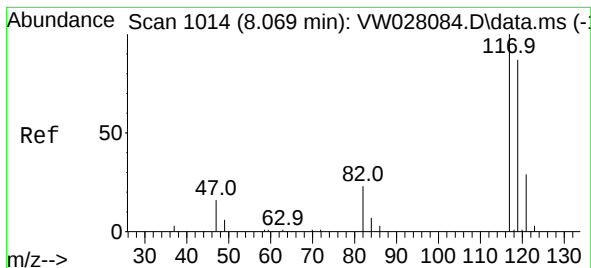
Ion Ratio Lower Upper

97 100

99 63.7 51.3 76.9

61 39.4 31.8 47.6





#31

Carbon tetrachloride

Concen: 100.564 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

Instrument :

MSVOA_W

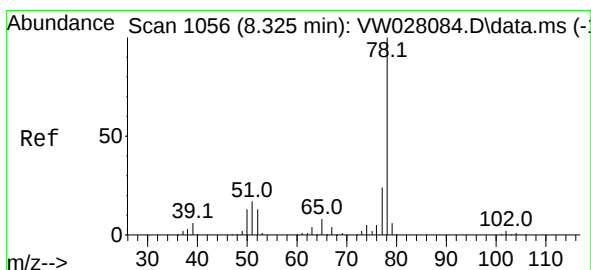
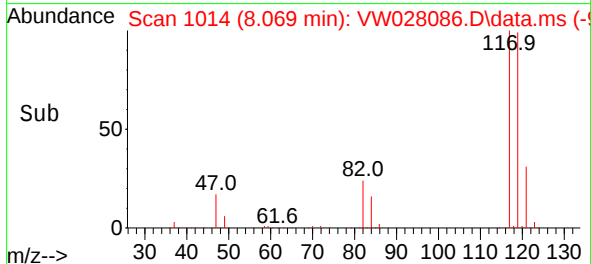
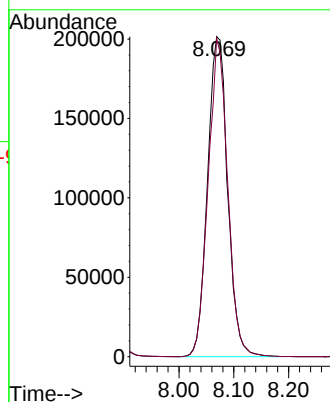
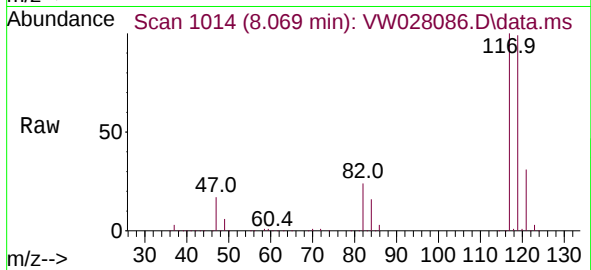
ClientSampleId :

Tgt Ion:117 Resp: 512704

Ion Ratio Lower Upper

117 100

119 96.5 76.8 115.2



#33

Benzene

Concen: 98.384 ug/L

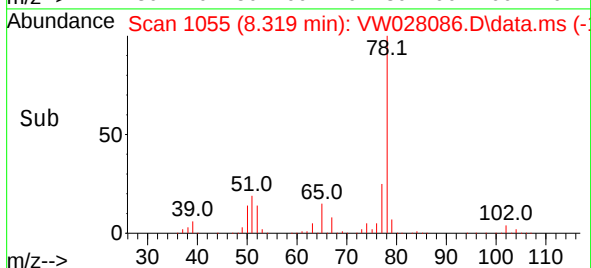
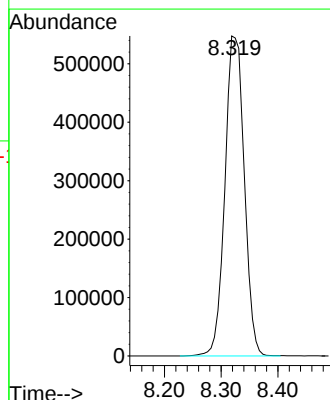
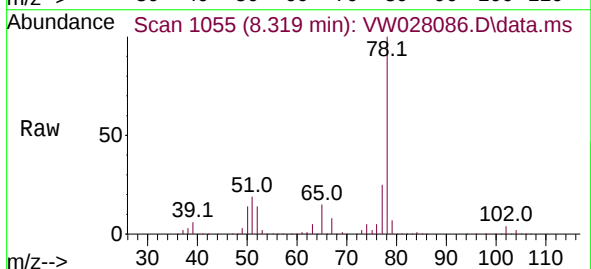
RT: 8.319 min Scan# 1055

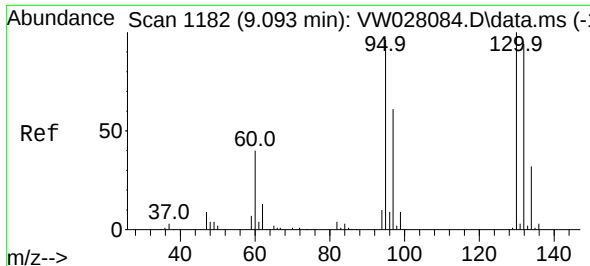
Delta R.T. -0.006 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

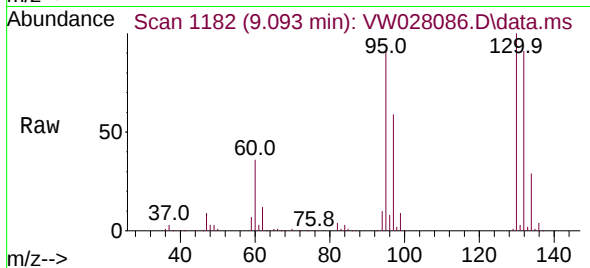
Tgt Ion: 78 Resp: 1299653



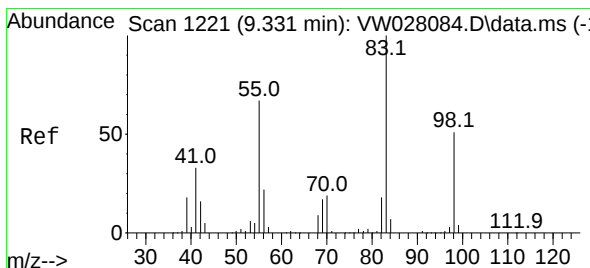
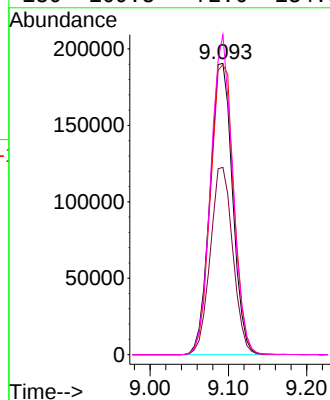
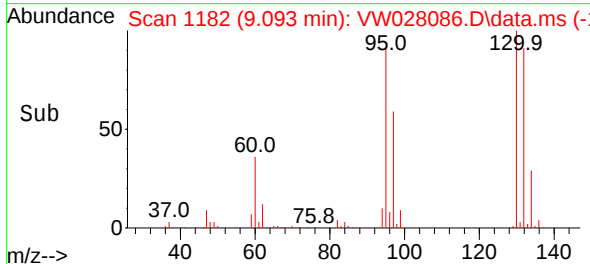


#34
Trichloroethene
Concen: 98.834 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW028086.D
Acq: 29 Feb 2024 12:02

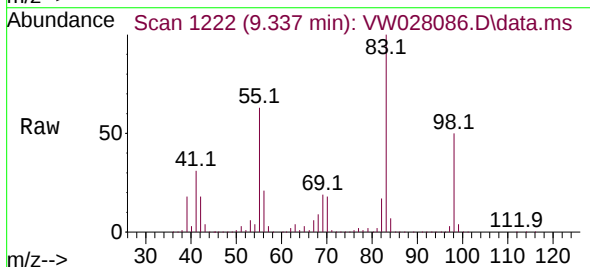
Instrument :
MSVOA_W
ClientSampleId :



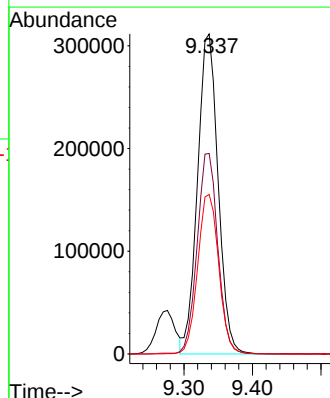
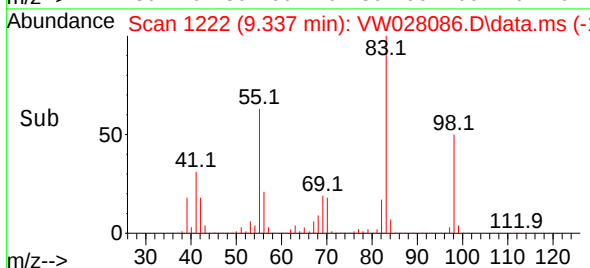
Tgt Ion: 95 Resp: 382549
Ion Ratio Lower Upper
95 100
97 64.3 44.5 82.7
132 99.5 68.3 126.9
130 109.8 72.6 134.8

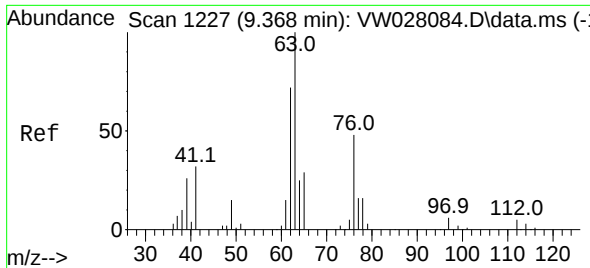


#35
Methylcyclohexane
Concen: 104.106 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW028086.D
Acq: 29 Feb 2024 12:02



Tgt Ion: 83 Resp: 652171
Ion Ratio Lower Upper
83 100
55 62.8 52.1 78.1
98 51.0 42.2 63.4





#37

1,2-Dichloropropane

Concen: 98.136 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

Instrument :

MSVOA_W

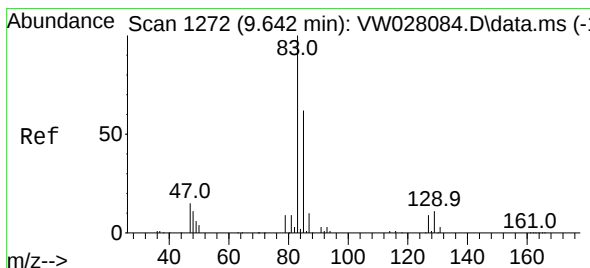
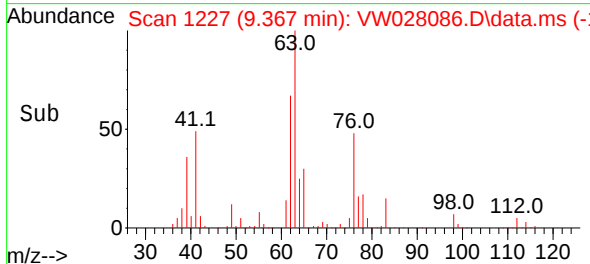
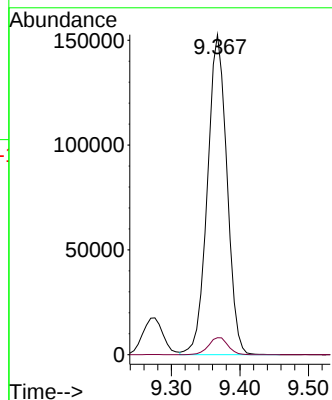
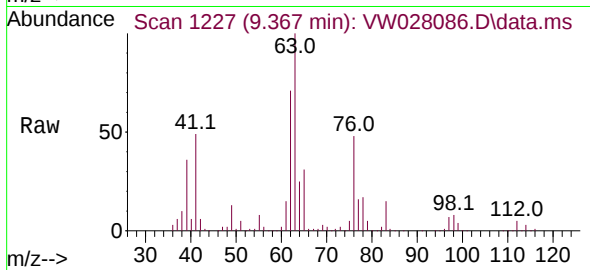
ClientSampleId :

Tgt Ion: 63 Resp: 301897

Ion Ratio Lower Upper

63 100

112 5.3 4.4 6.6



#38

Bromodichloromethane

Concen: 99.771 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

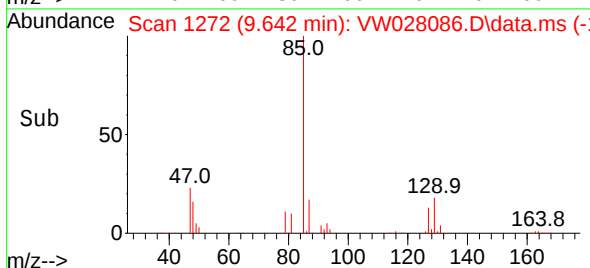
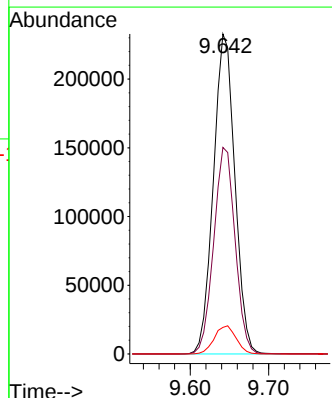
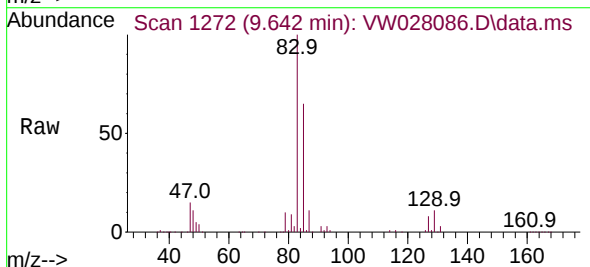
Tgt Ion: 83 Resp: 443328

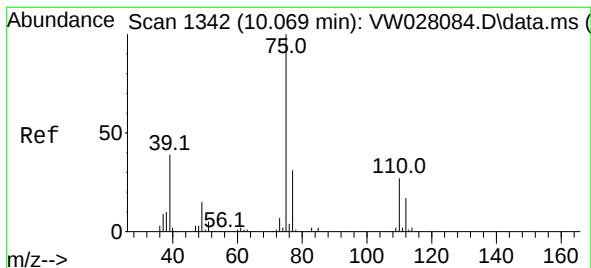
Ion Ratio Lower Upper

83 100

85 64.6 43.3 80.5

127 8.3 6.9 10.3

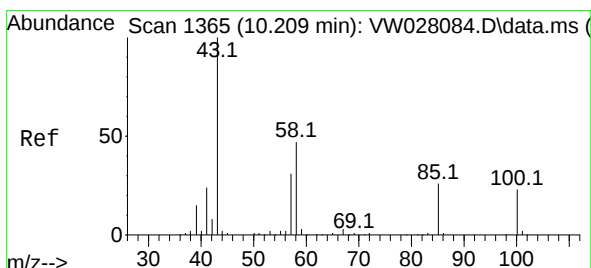
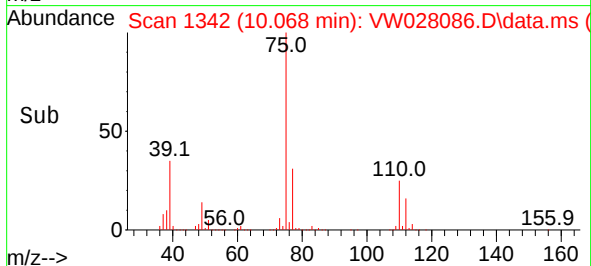
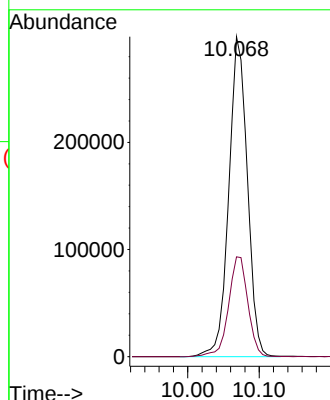
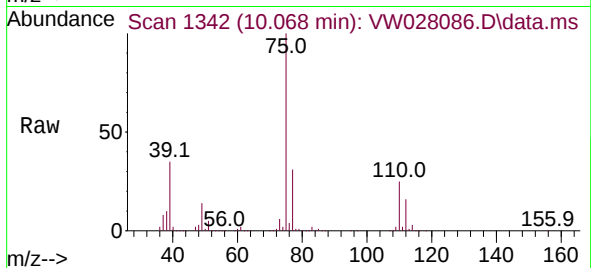




#39
cis-1,3-Dichloropropene
Concen: 106.300 ug/L
RT: 10.068 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW028086.D
Acq: 29 Feb 2024 12:02

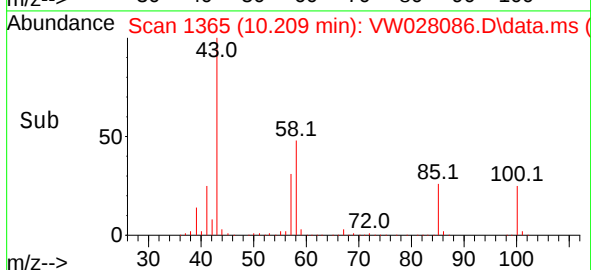
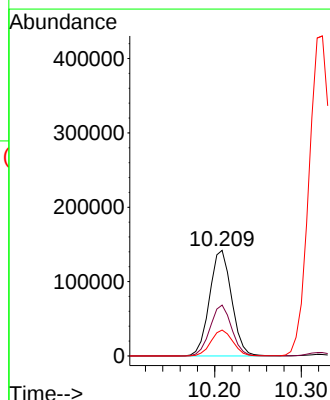
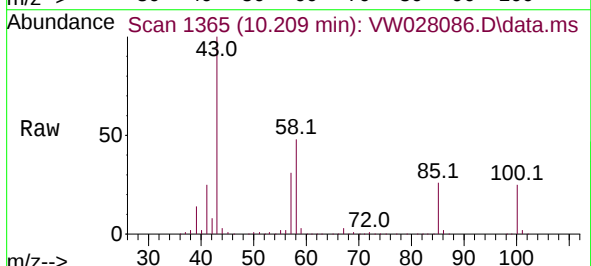
Instrument :
MSVOA_W
ClientSampleId :

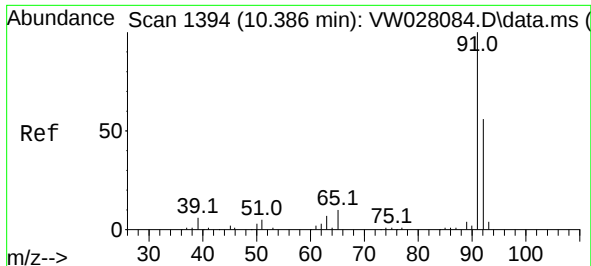
Tgt Ion: 75 Resp: 537759
Ion Ratio Lower Upper
75 100
77 31.2 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 205.808 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW028086.D
Acq: 29 Feb 2024 12:02

Tgt Ion: 43 Resp: 251470
Ion Ratio Lower Upper
43 100
58 47.1 37.8 56.8
100 24.3 18.2 27.4

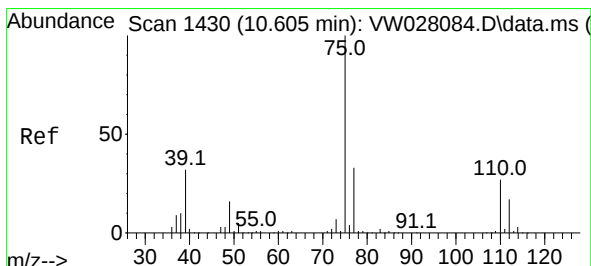
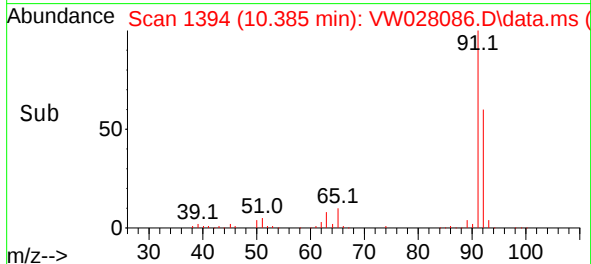
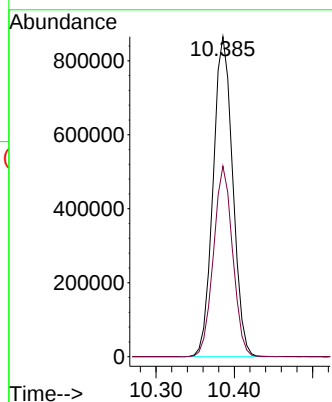
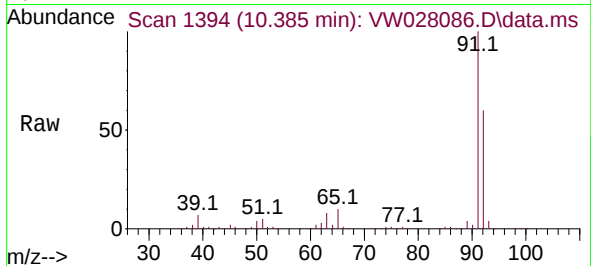




#42
Toluene
Concen: 100.756 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW028086.D
Acq: 29 Feb 2024 12:02

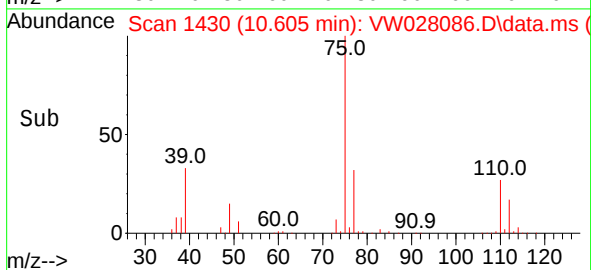
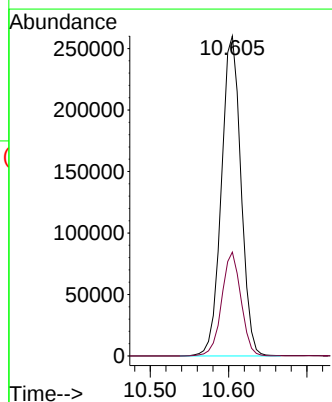
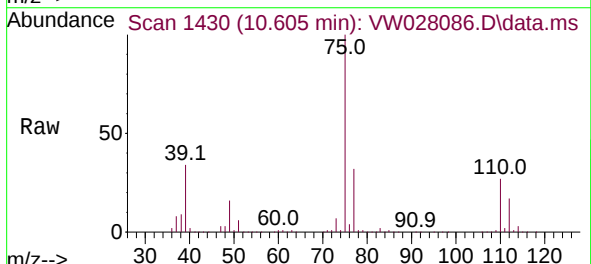
Instrument :
MSVOA_W
ClientSampleId :

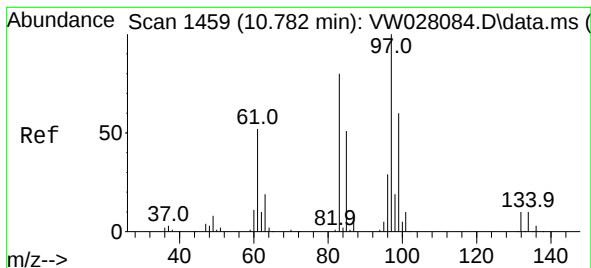
Tgt Ion: 91 Resp: 1503938
Ion Ratio Lower Upper
91 100
92 59.6 39.0 72.4



#44
trans-1,3-Dichloropropene
Concen: 109.901 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028086.D
Acq: 29 Feb 2024 12:02

Tgt Ion: 75 Resp: 451654
Ion Ratio Lower Upper
75 100
77 32.5 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 96.519 ug/L

RT: 10.788 min Scan# 14

Delta R.T. 0.006 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 249016

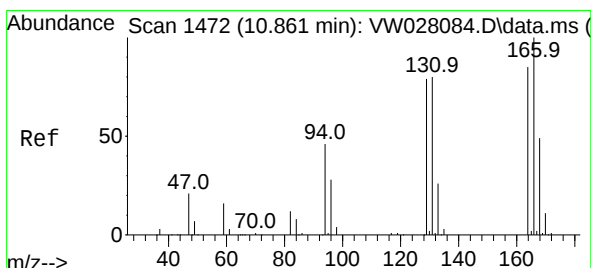
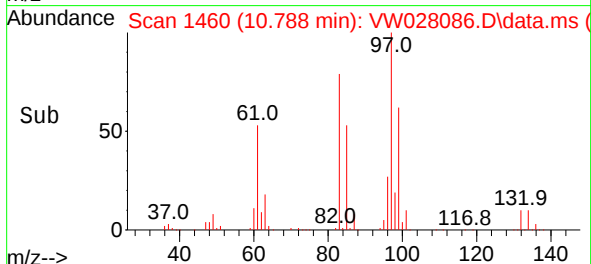
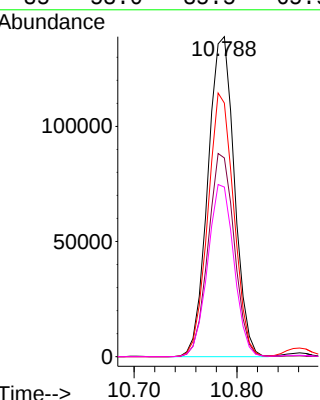
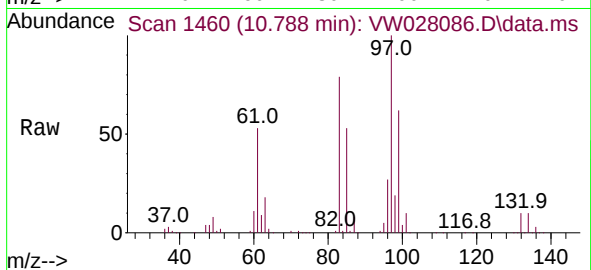
Ion Ratio Lower Upper

97 100

99 62.1 41.9 77.7

83 79.2 56.1 104.1

85 53.0 35.5 65.9



#46

Tetrachloroethene

Concen: 99.551 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

Tgt Ion:164 Resp: 322939

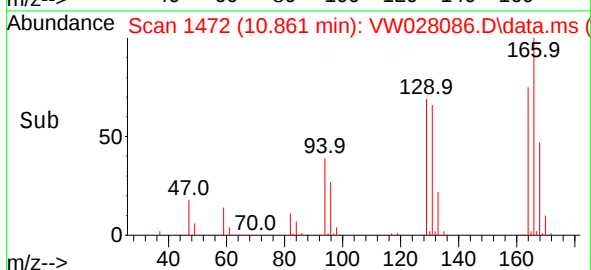
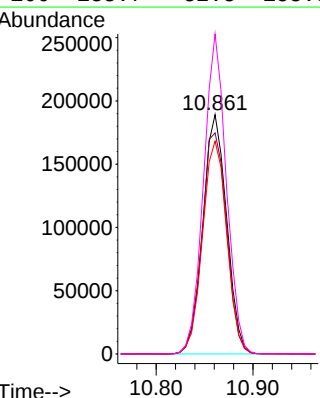
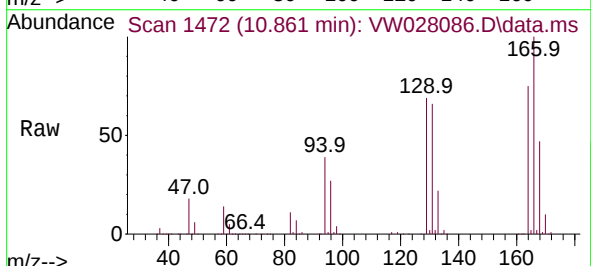
Ion Ratio Lower Upper

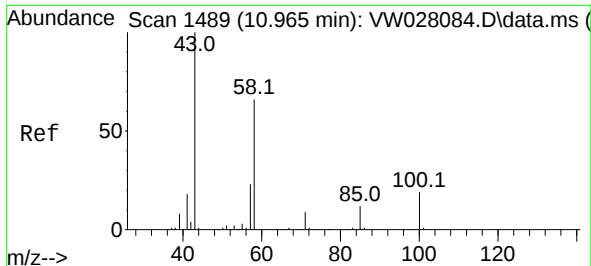
164 100

129 92.4 65.2 121.0

131 88.9 66.2 123.0

166 133.7 82.8 153.8

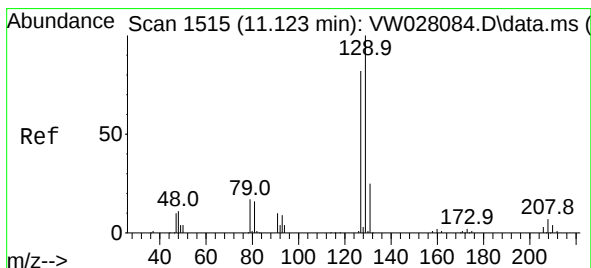
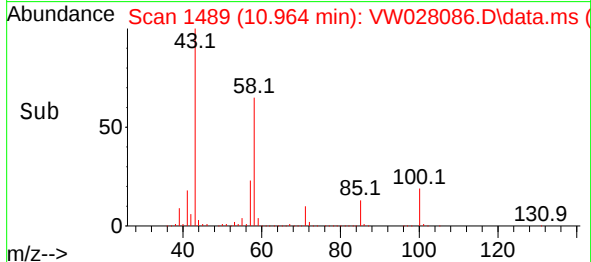
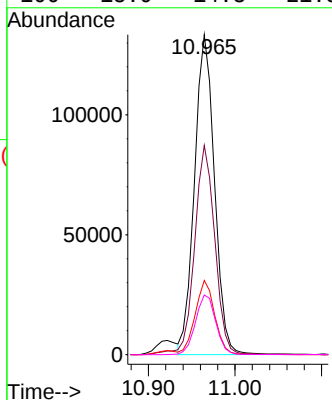
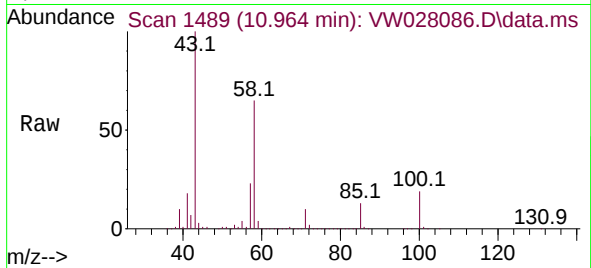




#48
2-Hexanone
Concen: 216.929 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028086.D
Acq: 29 Feb 2024 12:02

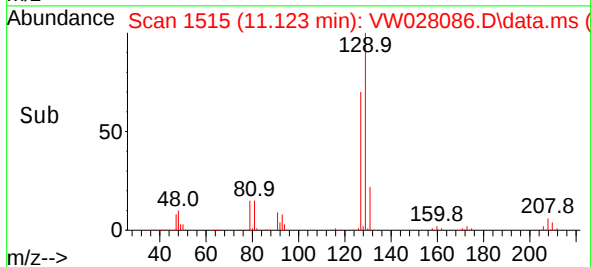
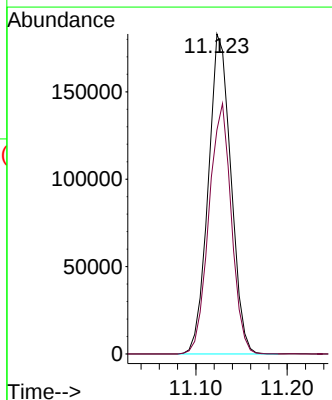
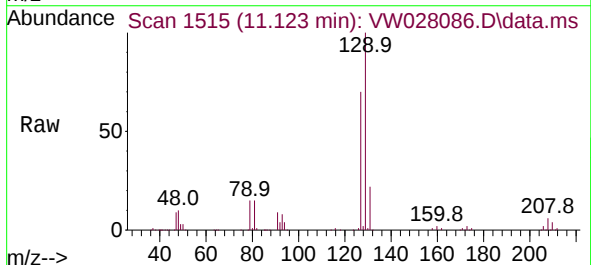
Instrument :
MSVOA_W
ClientSampleId :

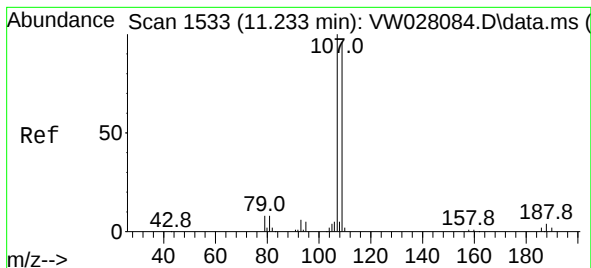
Tgt Ion: 43 Resp: 214317
Ion Ratio Lower Upper
43 100
58 66.2 51.8 77.8
57 22.7 18.2 27.4
100 18.9 14.3 21.5



#49
Dibromochloromethane
Concen: 105.089 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW028086.D
Acq: 29 Feb 2024 12:02

Tgt Ion:129 Resp: 315187
Ion Ratio Lower Upper
129 100
127 70.0 57.1 106.1

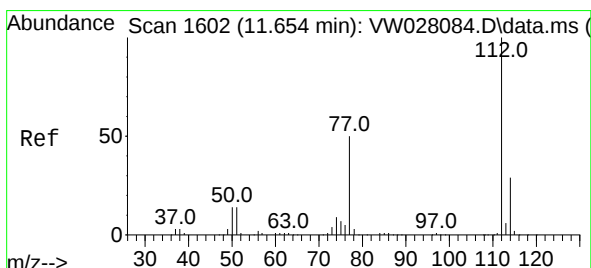
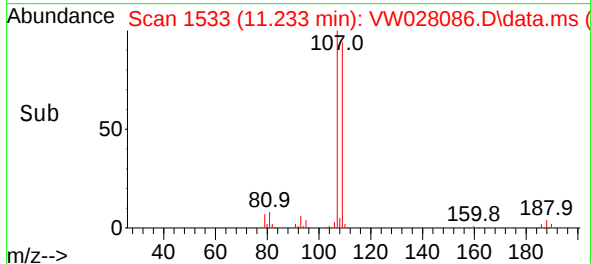
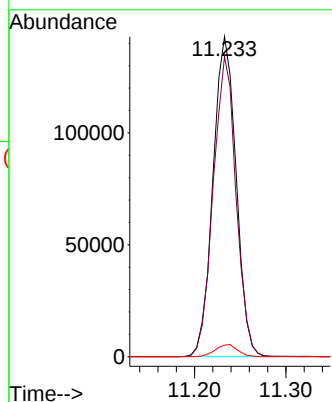
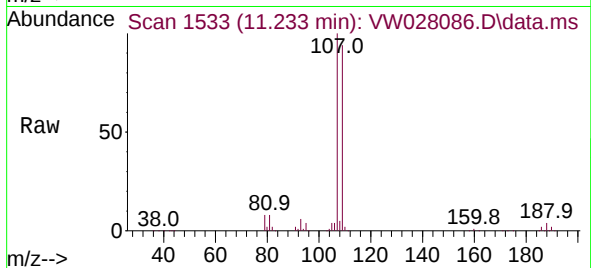




#50
1,2-Dibromoethane
Concen: 100.967 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW028086.D
Acq: 29 Feb 2024 12:02

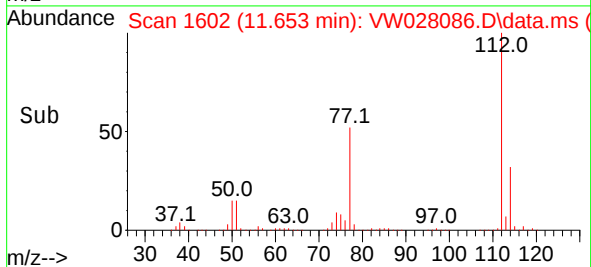
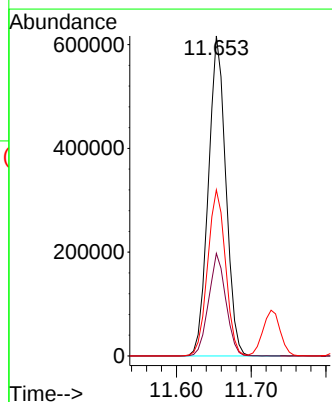
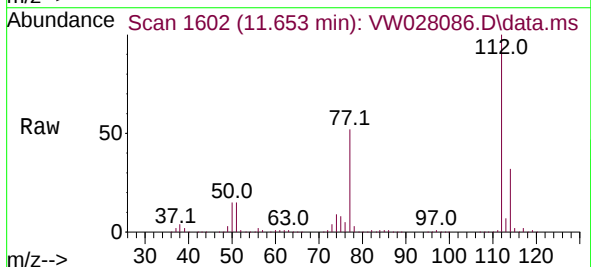
Instrument :
MSVOA_W
ClientSampleId :

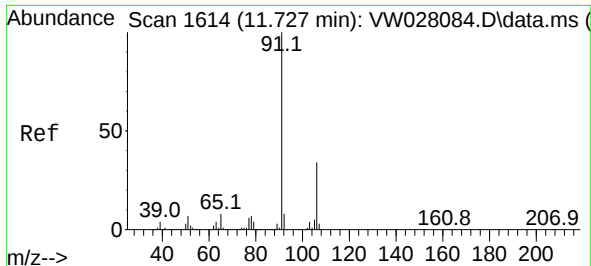
Tgt Ion:107 Resp: 250894
Ion Ratio Lower Upper
107 100
109 93.8 67.5 125.3
188 3.6 3.1 4.7



#51
Chlorobenzene
Concen: 100.552 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028086.D
Acq: 29 Feb 2024 12:02

Tgt Ion:112 Resp: 1001462
Ion Ratio Lower Upper
112 100
114 32.1 20.6 38.4
77 51.9 40.0 60.0





#52

Ethylbenzene

Concen: 102.324 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

Instrument :

MSVOA_W

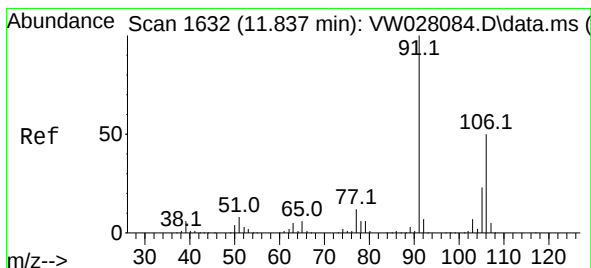
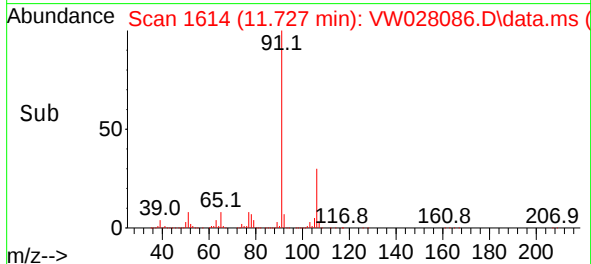
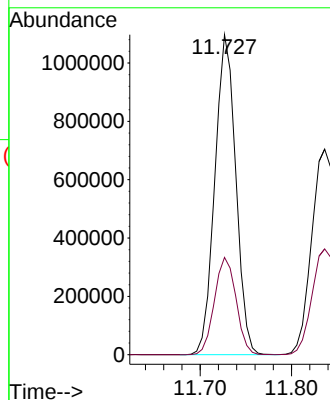
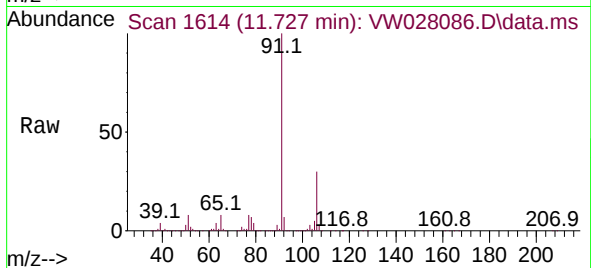
ClientSampleId :

Tgt Ion: 91 Resp: 1746211

Ion Ratio Lower Upper

91 100

106 30.4 23.8 44.2



#53

m,p-Xylene

Concen: 104.696 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028086.D

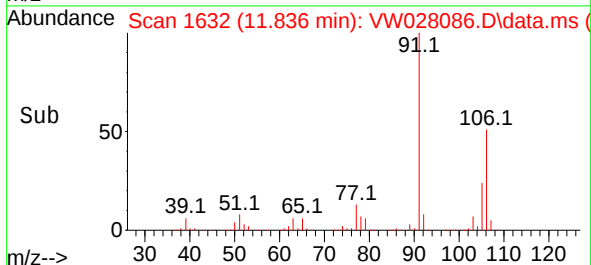
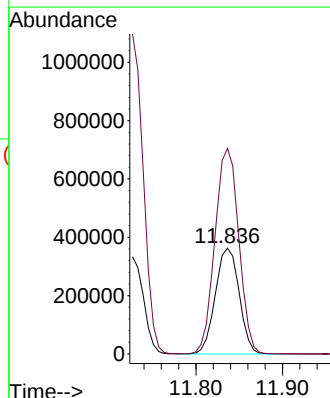
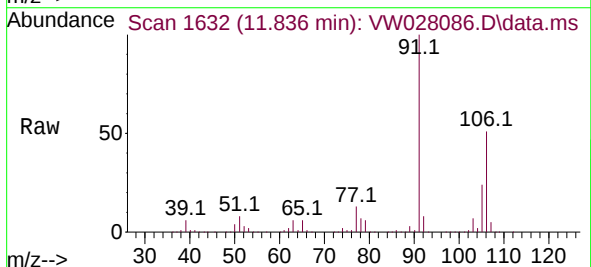
Acq: 29 Feb 2024 12:02

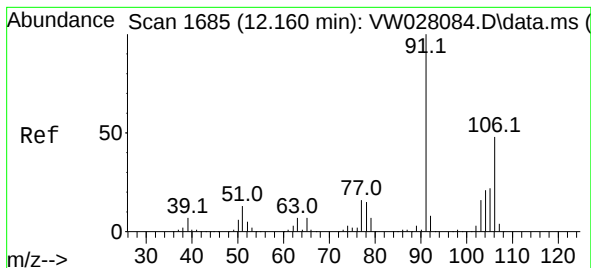
Tgt Ion:106 Resp: 693218

Ion Ratio Lower Upper

106 100

91 194.4 139.7 259.4





#54

o-Xylene

Concen: 103.583 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

Instrument :

MSVOA_W

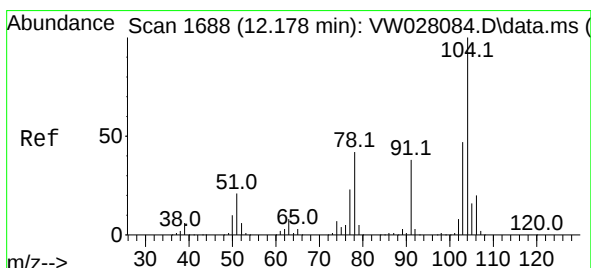
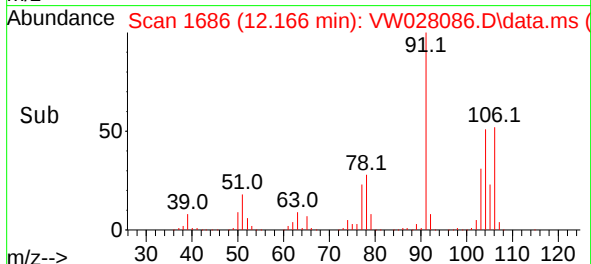
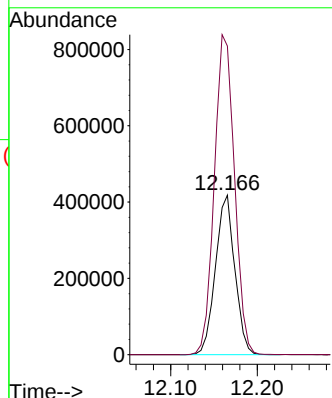
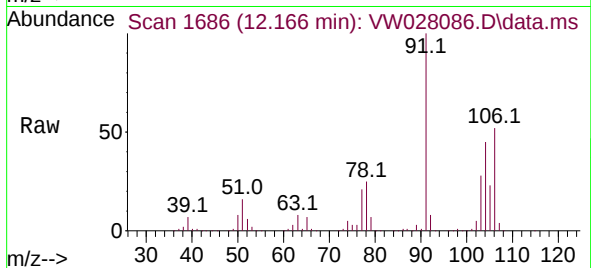
ClientSampleId :

Tgt Ion:106 Resp: 649084

Ion Ratio Lower Upper

106 100

91 193.5 145.2 269.6



#55

Styrene

Concen: 103.973 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028086.D

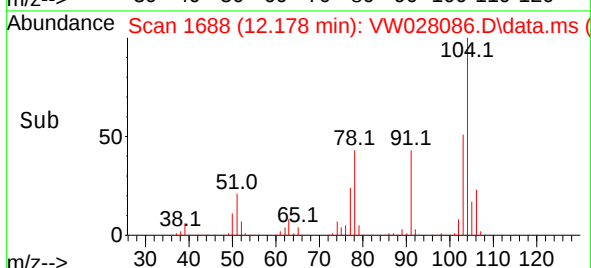
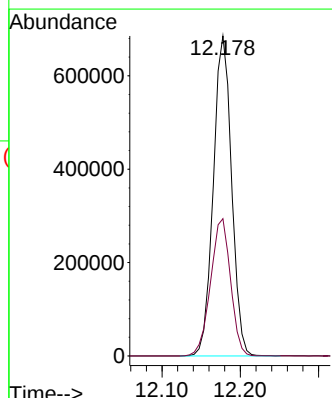
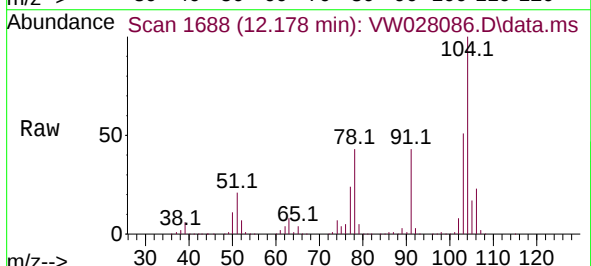
Acq: 29 Feb 2024 12:02

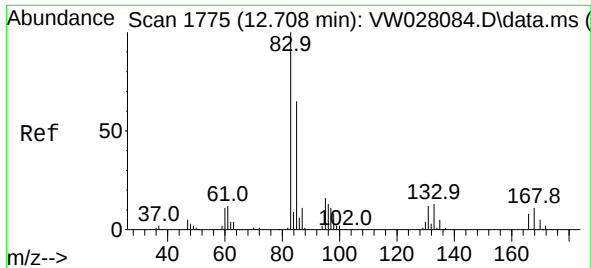
Tgt Ion:104 Resp: 1111150

Ion Ratio Lower Upper

104 100

78 42.9 29.1 54.1





#57

1,1,2,2-Tetrachloroethane

Concen: 96.389 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

Instrument :

MSVOA_W

ClientSampleId :

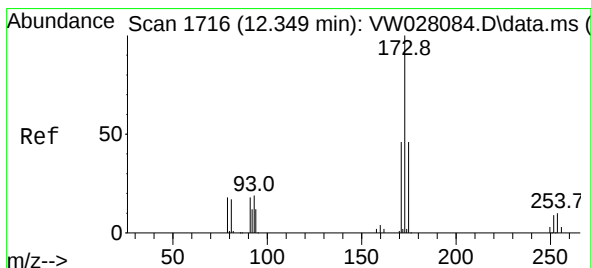
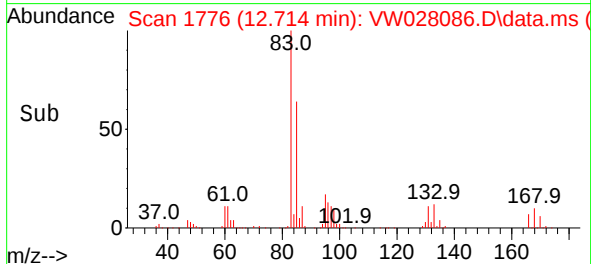
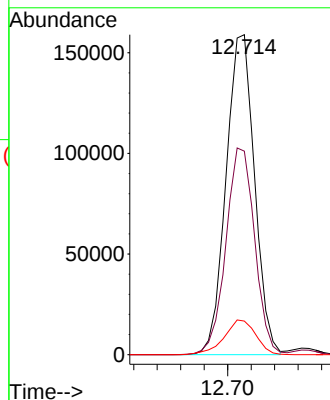
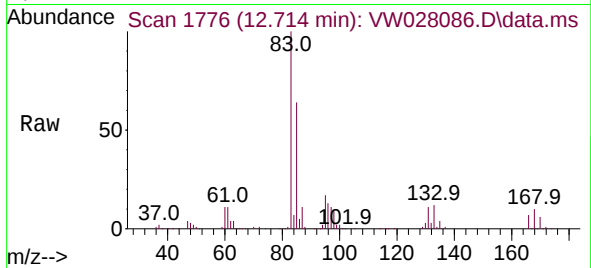
Tgt Ion: 83 Resp: 268143

Ion Ratio Lower Upper

83 100

85 63.6 45.7 84.9

131 10.5 9.7 14.5



#59

Bromoform

Concen: 103.434 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

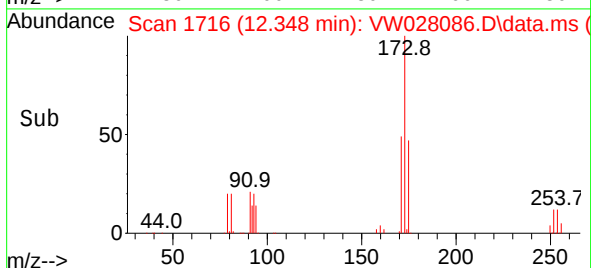
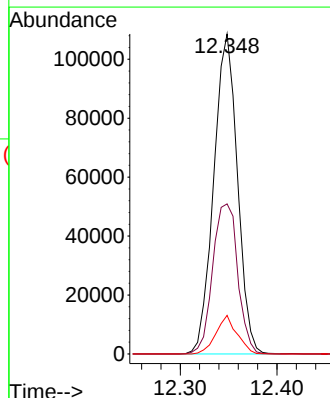
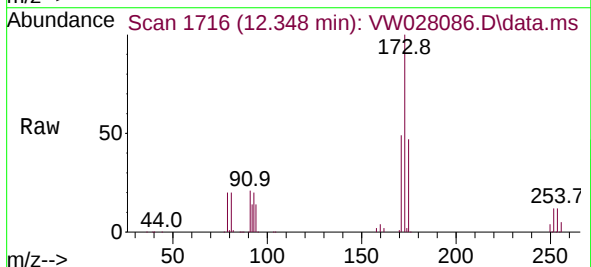
Tgt Ion:173 Resp: 184733

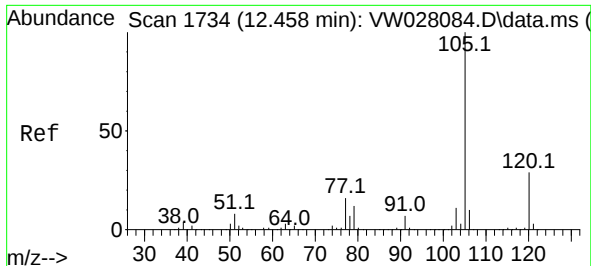
Ion Ratio Lower Upper

173 100

175 49.6 37.2 55.8

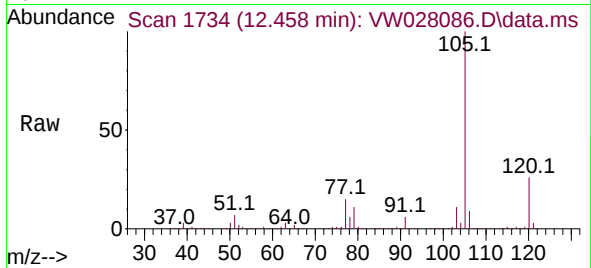
254 10.7 8.5 12.7



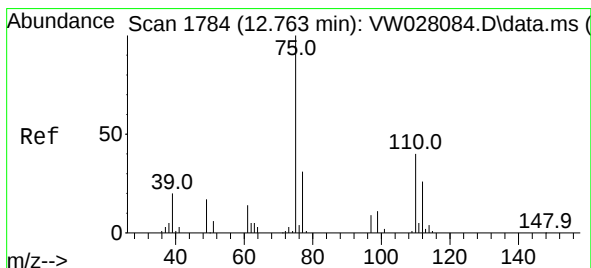
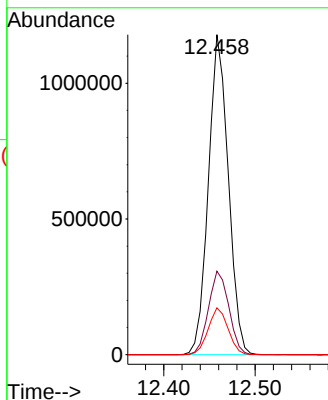
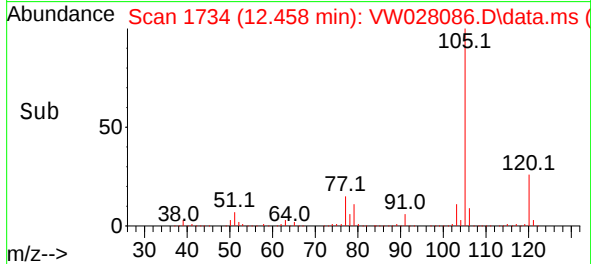


#60
Isopropylbenzene
Concen: 103.033 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW028086.D
Acq: 29 Feb 2024 12:02

Instrument :
MSVOA_W
ClientSampleId :

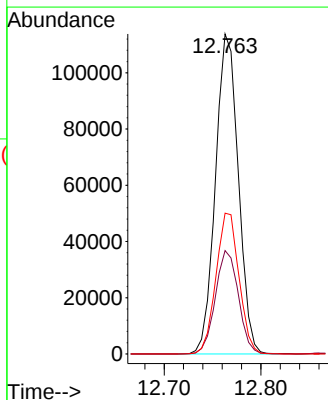
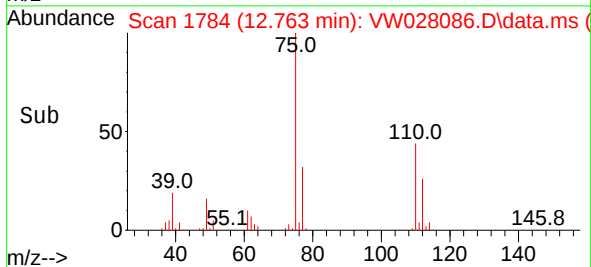
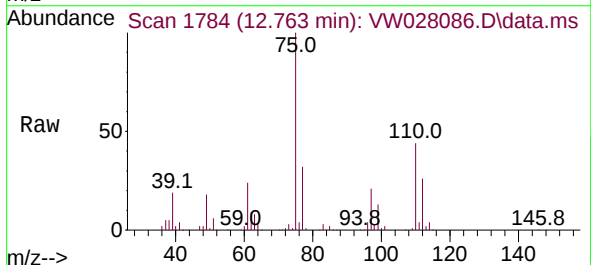


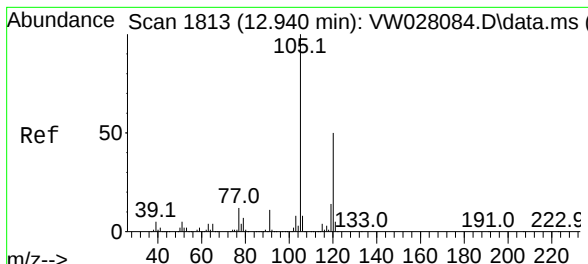
Tgt Ion:105 Resp: 1780764
Ion Ratio Lower Upper
105 100
120 26.8 22.2 33.2
77 14.6 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 96.365 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028086.D
Acq: 29 Feb 2024 12:02

Tgt Ion: 75 Resp: 186622
Ion Ratio Lower Upper
75 100
77 32.6 25.9 38.9
110 44.3 34.1 51.1

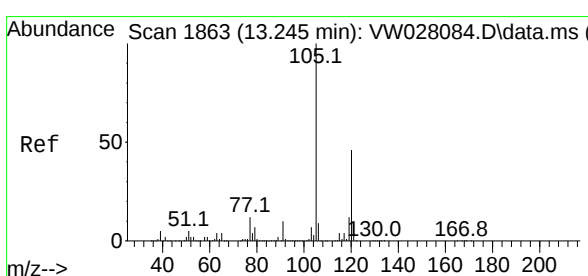
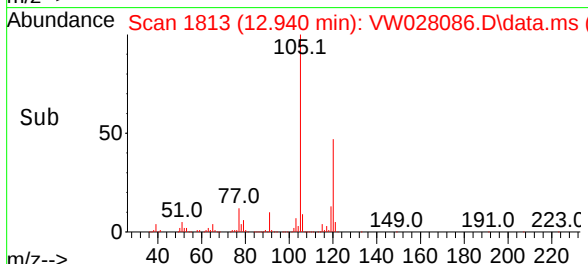
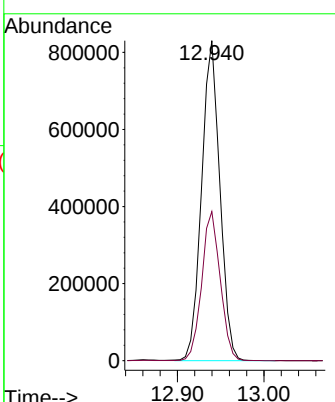
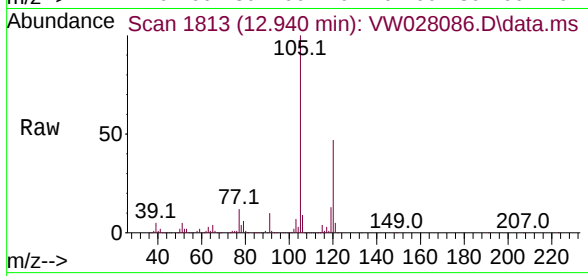




#62
 1,3,5-Trimethylbenzene
 Concen: 107.456 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW028086.D
 Acq: 29 Feb 2024 12:02

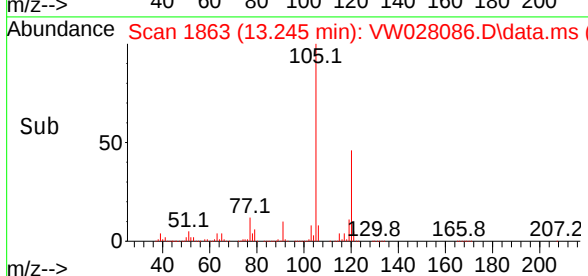
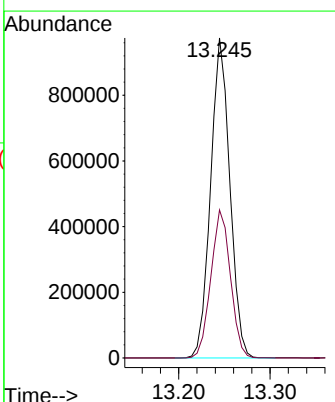
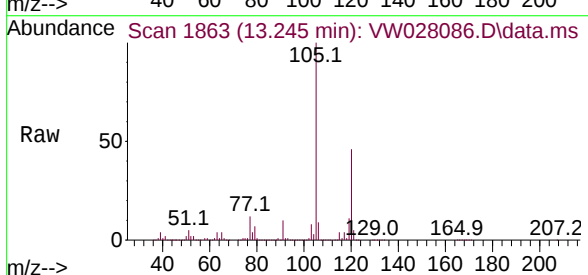
Instrument :
 MSVOA_W
 ClientSampleId :

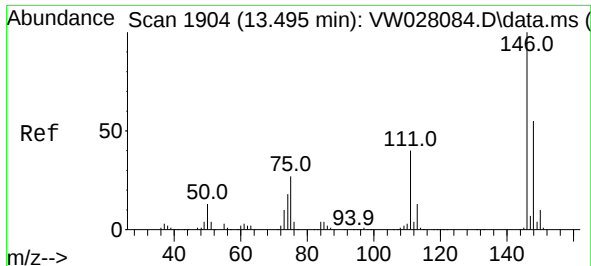
Tgt Ion:105 Resp: 1217658
 Ion Ratio Lower Upper
 105 100
 120 47.1 38.6 58.0



#63
 1,2,4-Trimethylbenzene
 Concen: 105.376 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW028086.D
 Acq: 29 Feb 2024 12:02

Tgt Ion:105 Resp: 1423948
 Ion Ratio Lower Upper
 105 100
 120 47.1 36.4 54.6





#64

1,3-Dichlorobenzene

Concen: 98.916 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

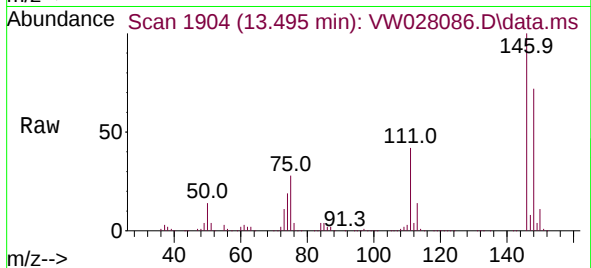
Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

Instrument :

MSVOA_W

ClientSampleId :



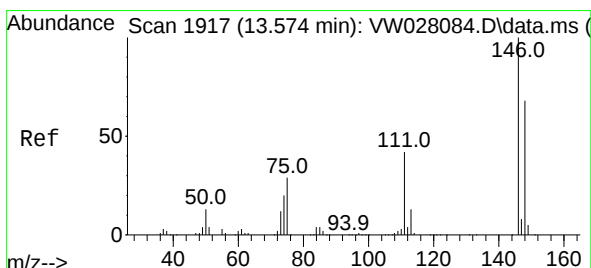
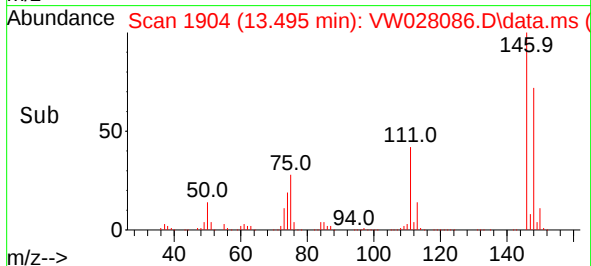
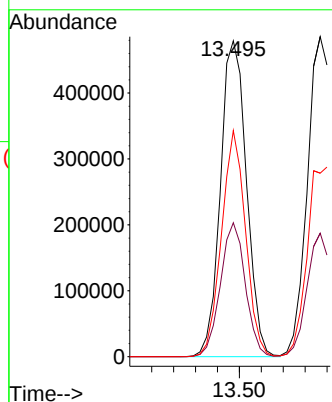
Tgt Ion:146 Resp: 790115

Ion Ratio Lower Upper

146 100

111 42.4 27.9 51.9

148 71.6 38.7 71.9



#65

1,4-Dichlorobenzene

Concen: 99.616 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

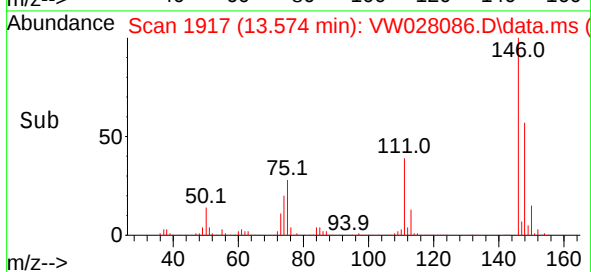
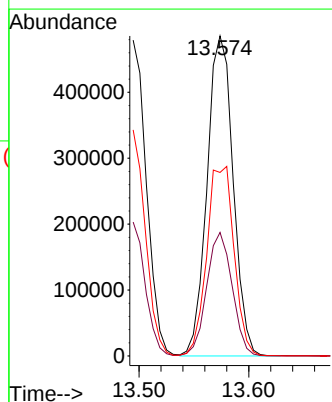
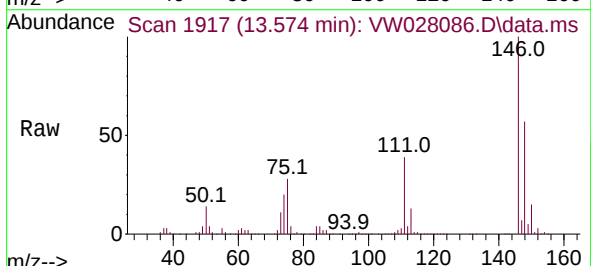
Tgt Ion:146 Resp: 803314

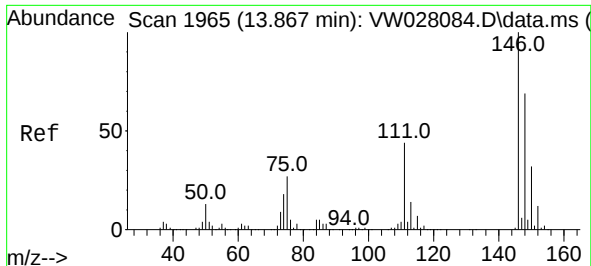
Ion Ratio Lower Upper

146 100

111 38.6 29.3 54.5

148 57.4 47.5 88.1





#67

1,2-Dichlorobenzene

Concen: 96.767 ug/L

RT: 13.860 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

Instrument :

MSVOA_W

ClientSampleId :

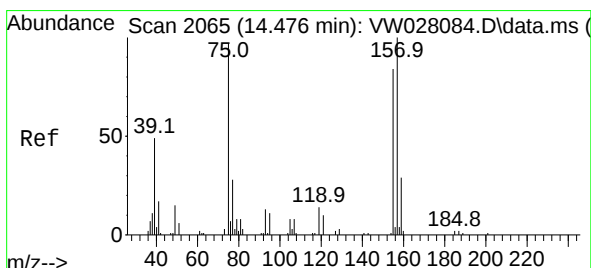
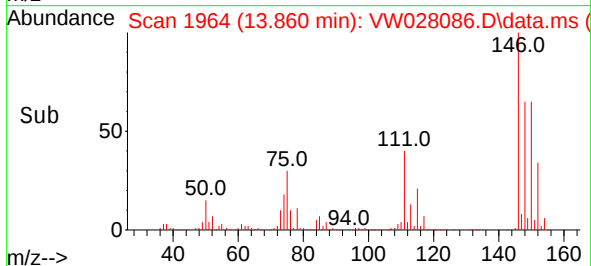
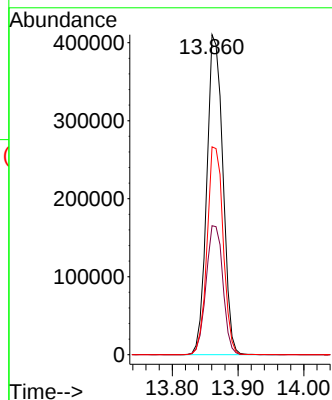
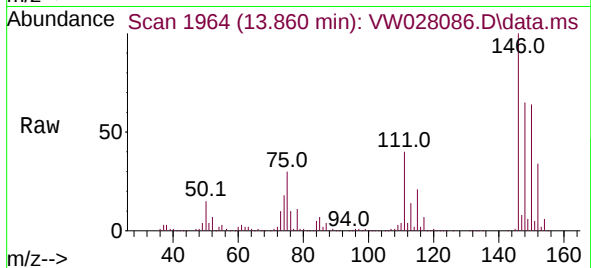
Tgt Ion:146 Resp: 696253

Ion Ratio Lower Upper

146 100

111 40.3 35.4 53.0

148 65.0 55.4 83.2



#68

1,2-Dibromo-3-chloropropane

Concen: 101.987 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

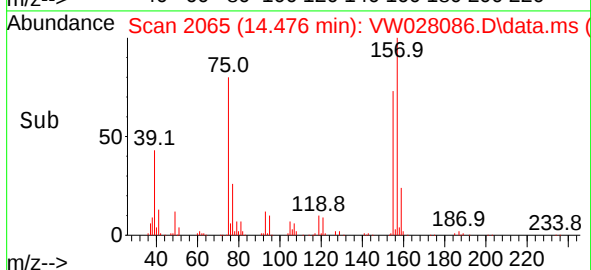
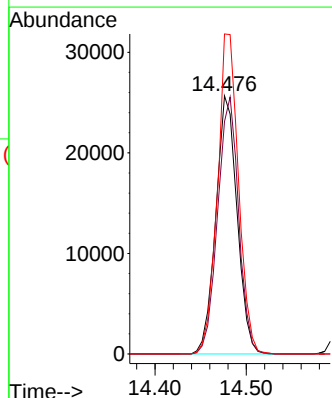
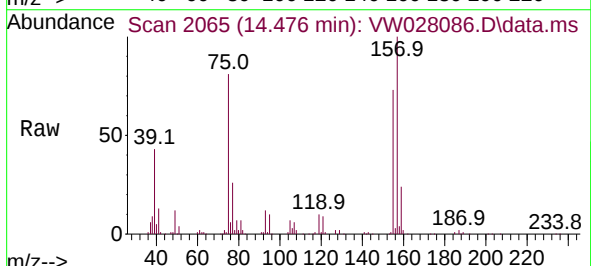
Tgt Ion: 75 Resp: 41484

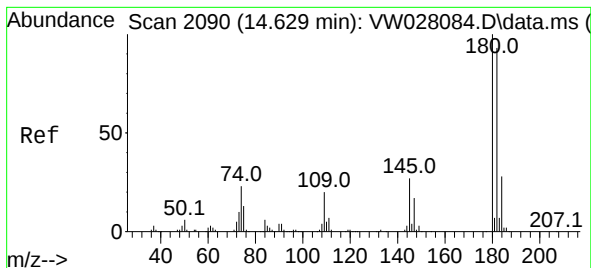
Ion Ratio Lower Upper

75 100

155 90.1 69.3 103.9

157 124.0 82.4 123.6#





#69

1,3,5-Trichlorobenzene

Concen: 100.209 ug/L

RT: 14.622 min Scan# 2090

Delta R.T. -0.006 min

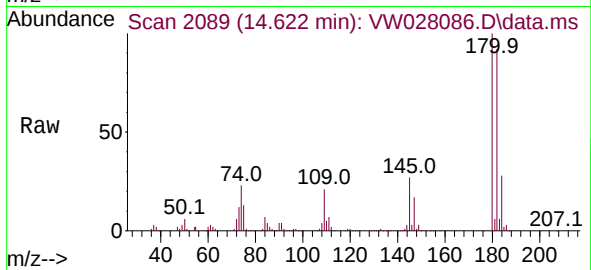
Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 590696

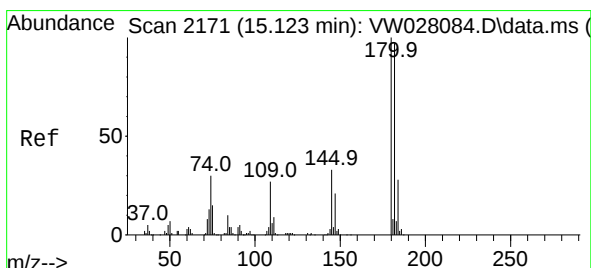
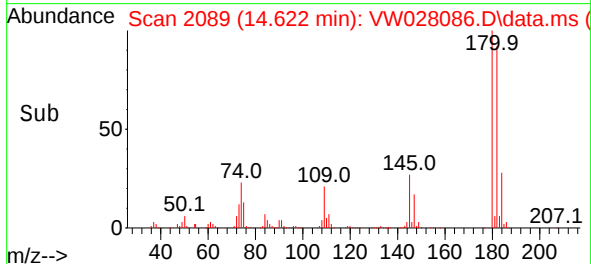
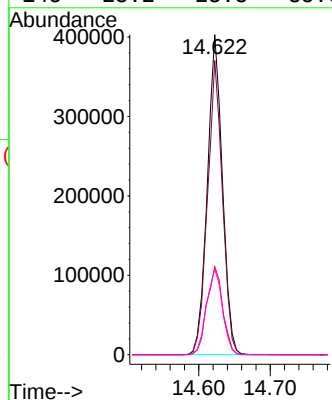
Ion Ratio Lower Upper

180 100

182 90.5 78.2 117.4

184 28.9 25.4 38.2

145 28.2 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 103.382 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW028086.D

Acq: 29 Feb 2024 12:02

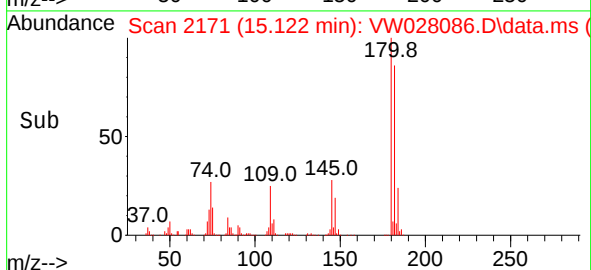
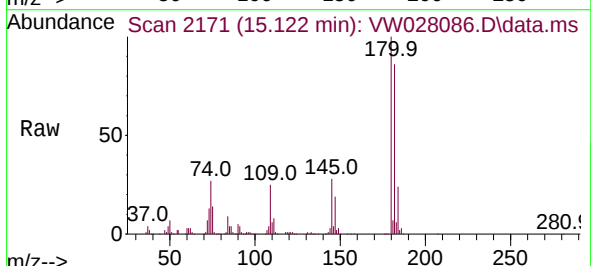
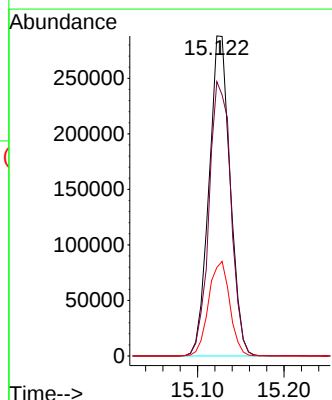
Tgt Ion:180 Resp: 489397

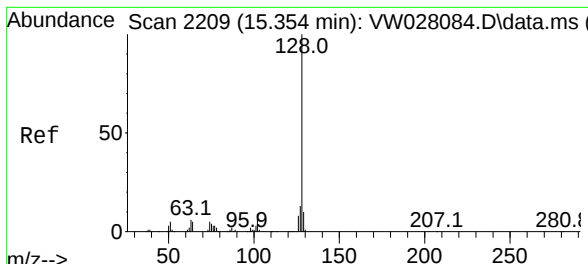
Ion Ratio Lower Upper

180 100

182 88.9 80.1 120.1

145 29.6 24.3 36.5



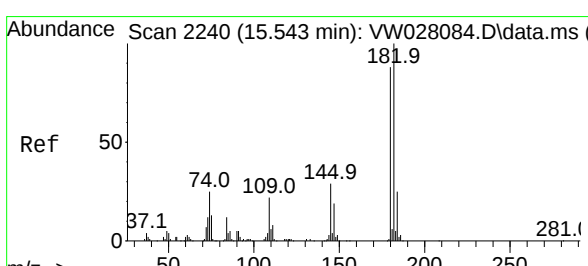
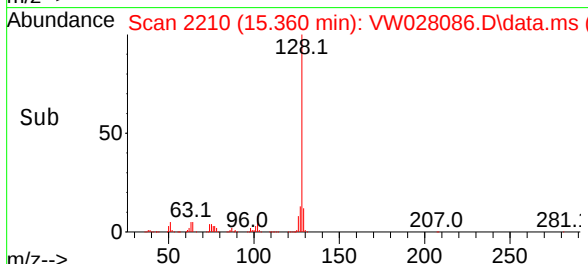
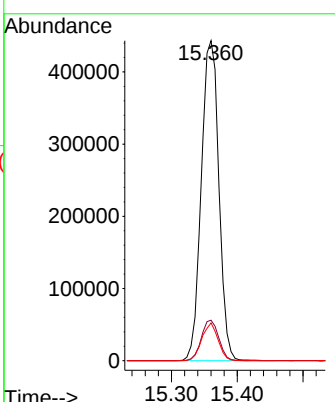
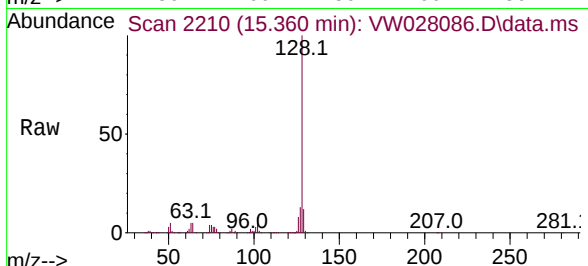


#71
Naphthalene
Concen: 106.334 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW028086.D
Acq: 29 Feb 2024 12:02

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 823274

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	10.9	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 100.943 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW028086.D
Acq: 29 Feb 2024 12:02

Tgt Ion:180 Resp: 399601

Ion	Ratio	Lower	Upper
180	100		
182	91.9	81.4	122.2
145	32.0	26.2	39.2

