

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
 Data File : VW028176.D
 Acq On : 14 Mar 2024 13:15
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 15 01:23:43 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	190201	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	175914	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	88666	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	5443	2.446	ug/L	0.00
7) Chloroethane-d5	2.899	69	3486	2.266	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	2935	2.112	ug/L	0.00
21) 2-Butanone-d5	7.094	46	2769	4.318	ug/L	0.02
24) Chloroform-d	7.648	84	11355	2.025	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	6470	2.093	ug/L	0.00
32) Benzene-d6	8.270	84	21567	2.008	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	6227	2.015	ug/L	0.00
41) Toluene-d8	10.319	98	18698	1.887	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	2794	1.990	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	1760	3.487	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.684	84	4424	1.938	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	6724	2.082	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	6333	2.379	ug/L	96
3) Chloromethane	2.222	50	4879	2.493	ug/L	94
5) Vinyl chloride	2.381	62	5316	2.403	ug/L	96
6) Bromomethane	2.789	94	3248	2.465	ug/L	92
8) Chloroethane	2.936	64	2920	2.456	ug/L	99
9) Trichlorofluoromethane	3.259	101	5728	2.142	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	6451	2.522	ug/L #	84
12) 1,1-Dichloroethene	4.051	96	5984	2.422	ug/L	80
13) Acetone	4.137	43	3475	4.997	ug/L	67
14) Carbon disulfide	4.393	76	18911	2.469	ug/L #	93
15) Methyl Acetate	4.679	43	2827	2.554	ug/L #	88
16) Methylene chloride	4.917	84	4056	1.399	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	6528	2.501	ug/L	93
18) Methyl tert-butyl Ether	5.435	73	5704	1.448	ug/L #	82
19) 1,1-Dichloroethane	6.222	63	11943	2.363	ug/L	93
20) cis-1,2-Dichloroethene	7.179	96	6813	2.416	ug/L	85
22) 2-Butanone	7.179	43	3311	4.149	ug/L	91
23) Bromochloromethane	7.514	128	3196	2.564	ug/L	93
25) Chloroform	7.673	83	12650	2.432	ug/L	96
27) 1,2-Dichloroethane	8.398	62	9229	2.513	ug/L	100
29) Cyclohexane	7.953	56	10505	2.289	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	10814	2.345	ug/L	93
31) Carbon tetrachloride	8.063	117	10444	2.415	ug/L	97
33) Benzene	8.325	78	25708	2.375	ug/L	100
34) Trichloroethene	9.093	95	7292	2.414	ug/L	97
35) Methylcyclohexane	9.337	83	12174	2.385	ug/L	97
37) 1,2-Dichloropropane	9.368	63	6776	2.447	ug/L	98
38) Bromodichloromethane	9.642	83	8843	2.369	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	10052	2.267	ug/L	91
40) 4-Methyl-2-pentanone	10.209	43	7086	4.636	ug/L	96
42) Toluene	10.386	91	27665	2.342	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	8259	2.206	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
 Data File : VW028176.D
 Acq On : 14 Mar 2024 13:15
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

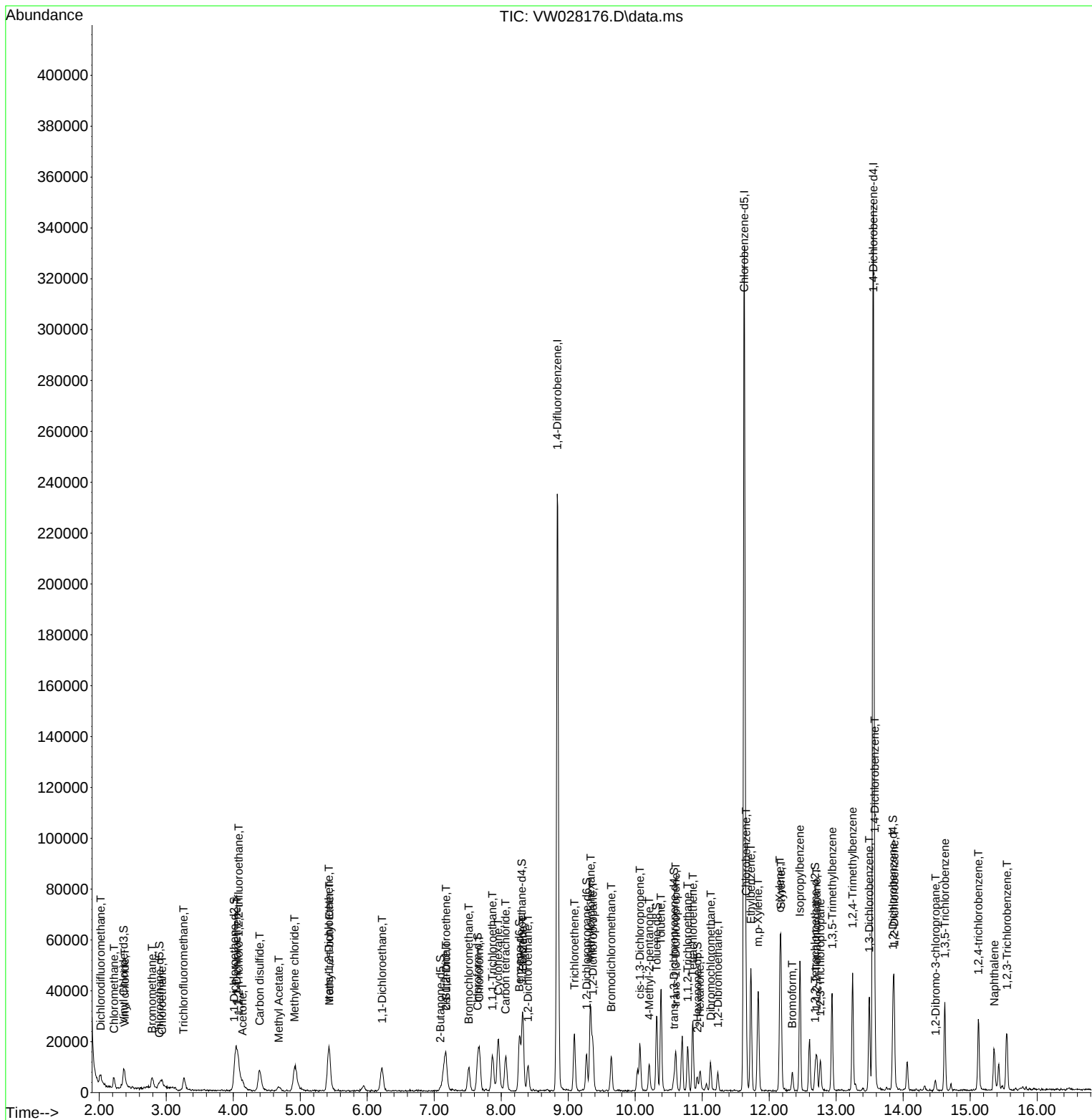
Instrument :
 MSVOA_W
 ClientSampleId :

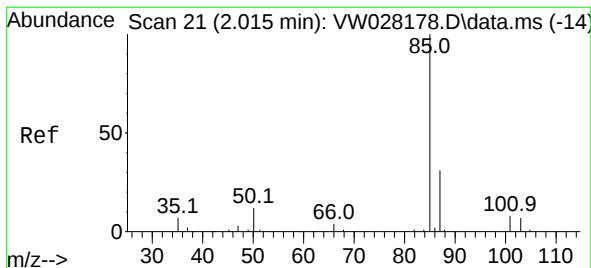
Quant Time: Mar 15 01:23:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:22:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	5060	2.529	ug/L	96
46) Tetrachloroethene	10.861	164	6168	2.534	ug/L	83
48) 2-Hexanone	10.965	43	5502	4.596	ug/L	97
49) Dibromochloromethane	11.129	129	5857	2.472	ug/L	84
50) 1,2-Dibromoethane	11.233	107	4630	2.420	ug/L	97
51) Chlorobenzene	11.654	112	18074	2.410	ug/L	94
52) Ethylbenzene	11.727	91	31489	2.283	ug/L	93
53) m,p-Xylene	11.837	106	12312	2.372	ug/L	86
54) o-Xylene	12.160	106	11094	2.305	ug/L	96
55) Styrene	12.178	104	18613	2.252	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	5503	2.405	ug/L	91
59) Bromoform	12.343	173	3255	2.450	ug/L	98
60) Isopropylbenzene	12.458	105	30619	2.324	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	4571	2.701	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	19846	2.245	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	23251	2.178	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	14348	2.441	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	14632	2.490	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	12549	2.479	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	1007	2.533	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.623	180	9731	2.377	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	8371	2.407	ug/L	99
71) Naphthalene	15.360	128	13813	2.314	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	7228	2.521	ug/L	95

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

Quant Time: Mar 15 01:23:43 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





#2

Dichlorodifluoromethane

Concen: 2.379 ug/L

RT: 2.021 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Instrument :

MSVOA_W

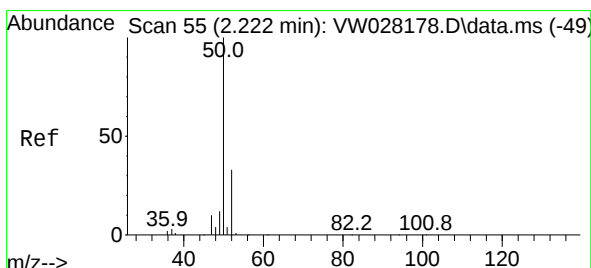
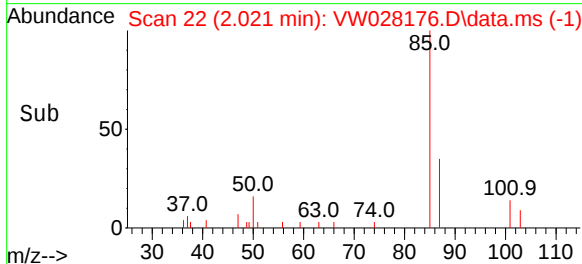
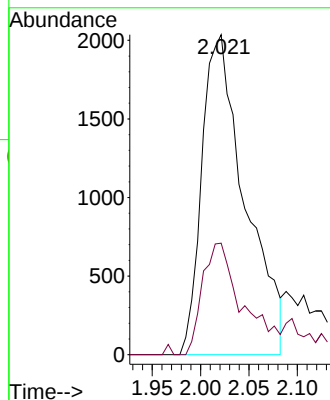
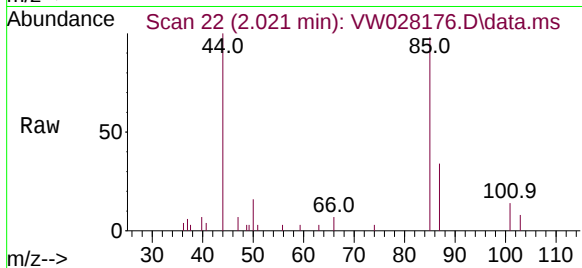
ClientSampleId :

Tgt Ion: 85 Resp: 6333

Ion Ratio Lower Upper

85 100

87 24.0 20.9 31.3



#3

Chloromethane

Concen: 2.493 ug/L

RT: 2.222 min Scan# 55

Delta R.T. 0.000 min

Lab File: VW028176.D

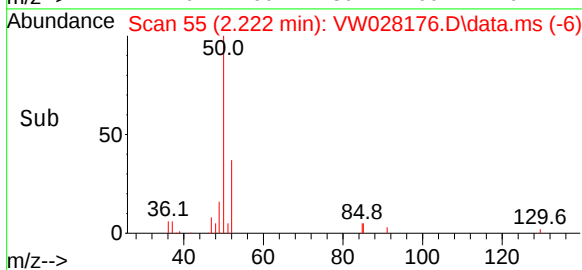
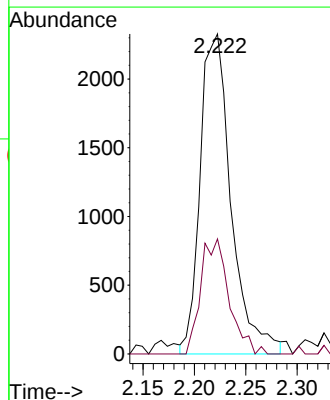
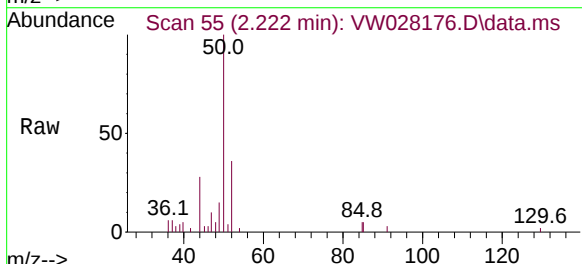
Acq: 14 Mar 2024 13:15

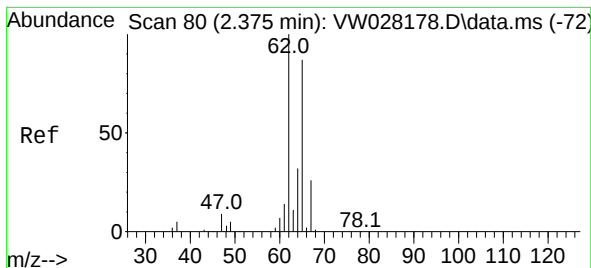
Tgt Ion: 50 Resp: 4879

Ion Ratio Lower Upper

50 100

52 36.0 22.7 42.1





#5

Vinyl chloride

Concen: 2.403 ug/L

RT: 2.381 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Instrument :

MSVOA_W

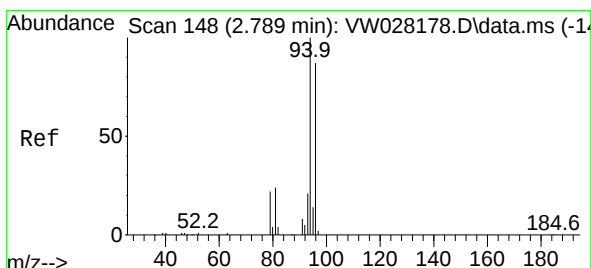
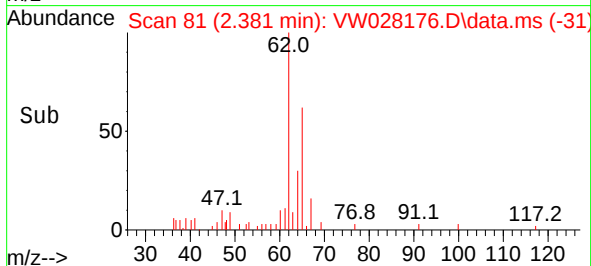
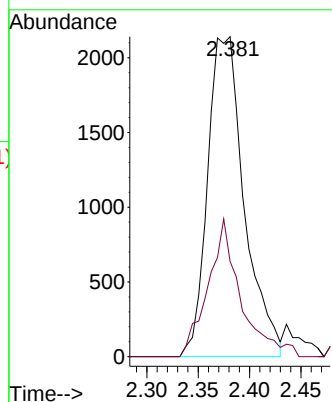
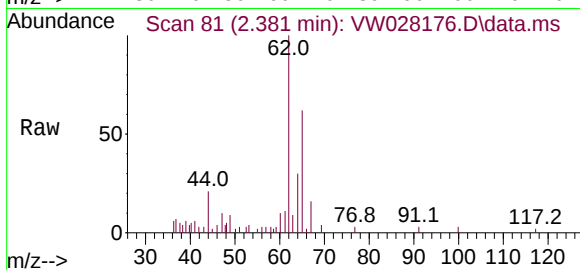
ClientSampleId :

Tgt Ion: 62 Resp: 5316

Ion Ratio Lower Upper

62 100

64 29.7 22.5 41.7



#6

Bromomethane

Concen: 2.465 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW028176.D

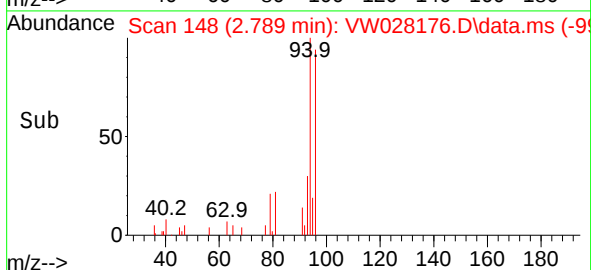
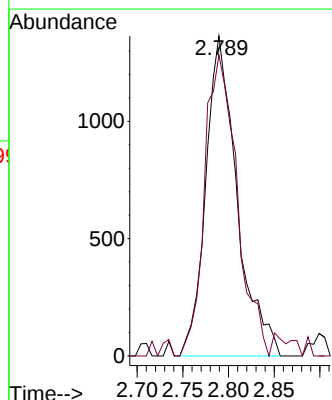
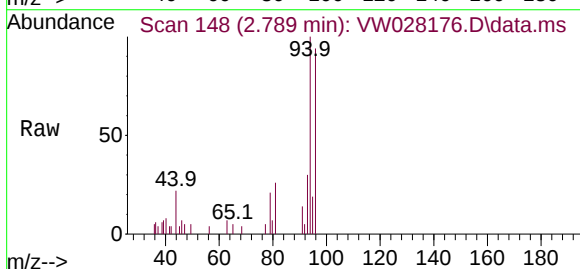
Acq: 14 Mar 2024 13:15

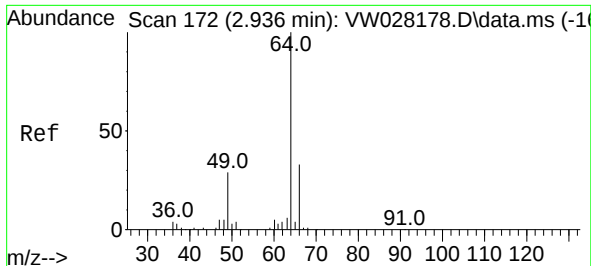
Tgt Ion: 94 Resp: 3248

Ion Ratio Lower Upper

94 100

96 94.0 60.8 113.0

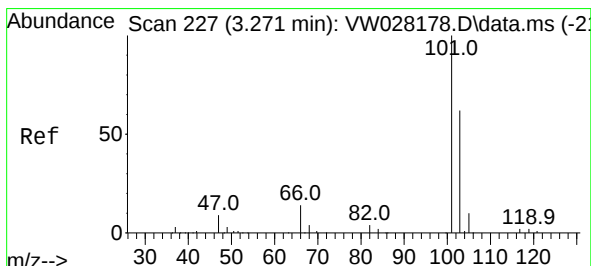
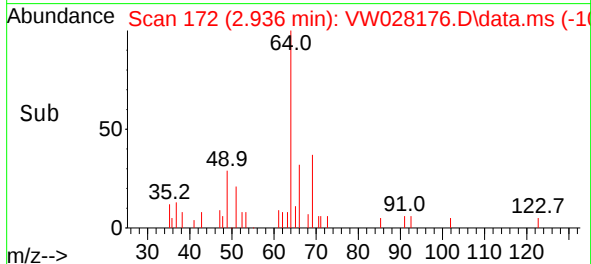
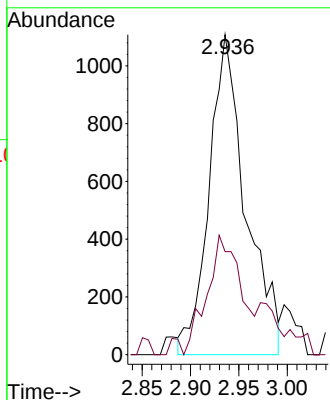
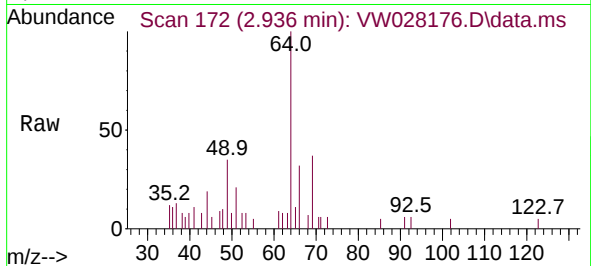




#8
Chloroethane
Concen: 2.456 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028176.D
Acq: 14 Mar 2024 13:15

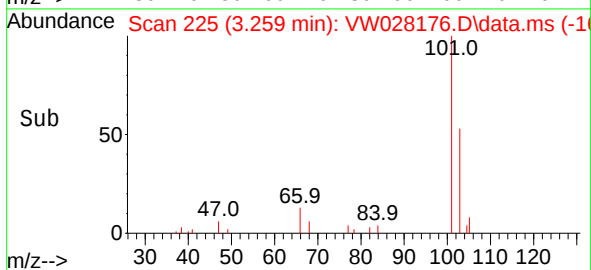
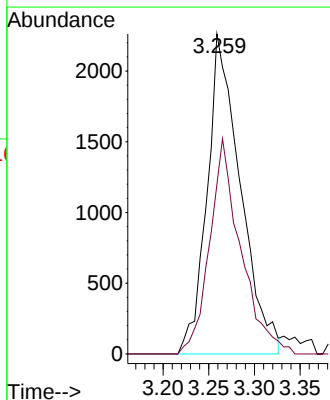
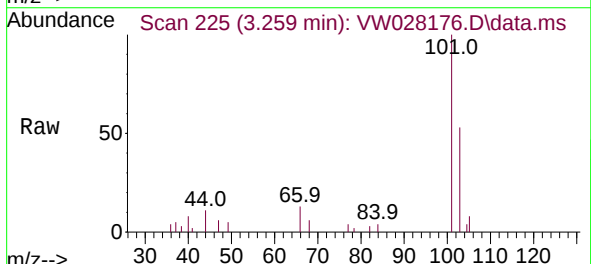
Instrument :
MSVOA_W
ClientSampleId :

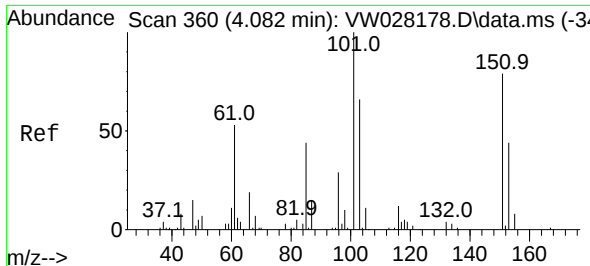
Tgt Ion: 64 Resp: 2920
Ion Ratio Lower Upper
64 100
66 32.2 22.9 42.5



#9
Trichlorofluoromethane
Concen: 2.142 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.012 min
Lab File: VW028176.D
Acq: 14 Mar 2024 13:15

Tgt Ion:101 Resp: 5728
Ion Ratio Lower Upper
101 100
103 62.7 50.9 76.3





#10

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

Concen: 2.522 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Instrument :

MSVOA_W

ClientSampleId :

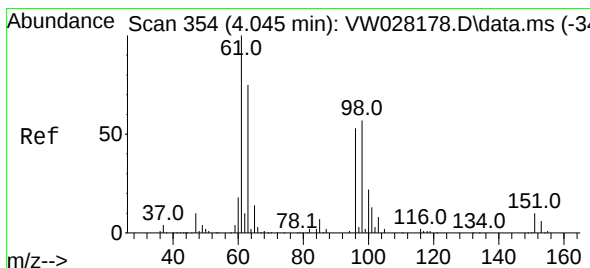
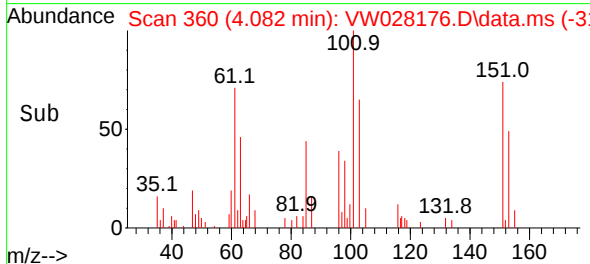
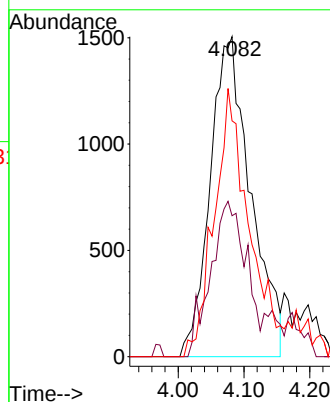
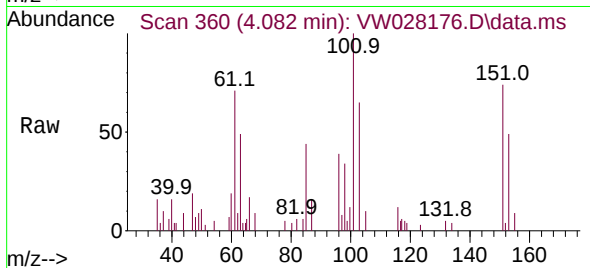
Tgt Ion:101 Resp: 6451

Ion Ratio Lower Upper

101 100

85 33.0 36.4 54.6#

151 60.5 58.4 87.6



#12

1,1-Dichloroethene

Concen: 2.422 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

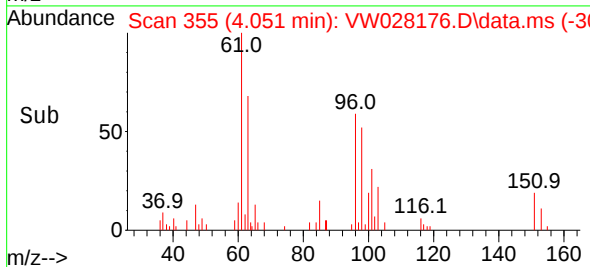
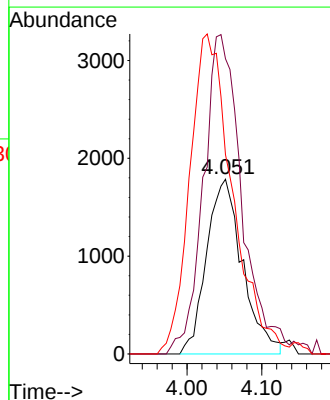
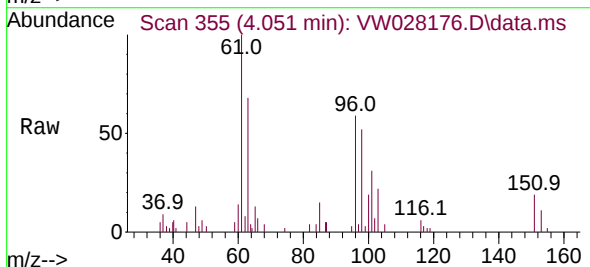
Tgt Ion: 96 Resp: 5984

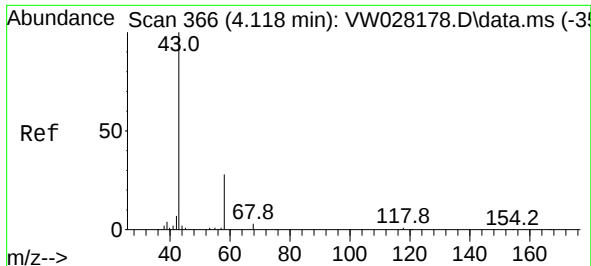
Ion Ratio Lower Upper

96 100

61 169.0 132.2 245.4

63 114.1 104.6 194.2

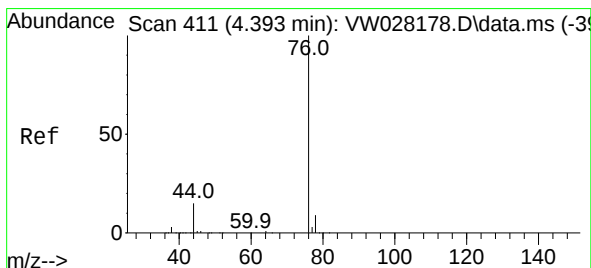
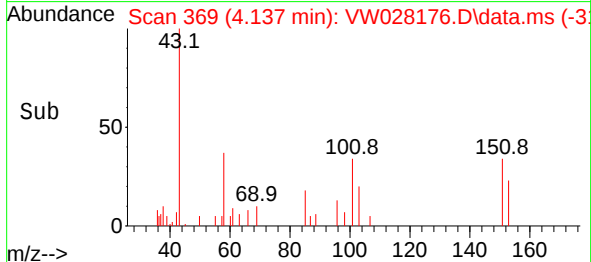
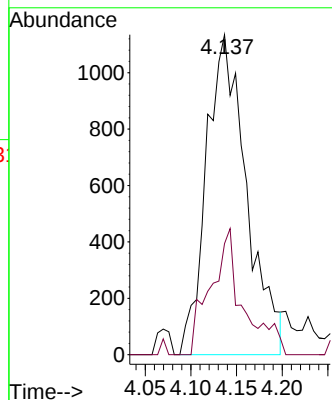
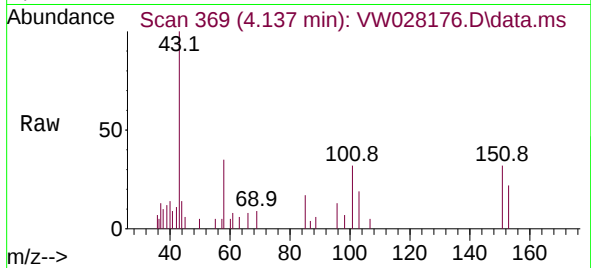




#13
Acetone
Concen: 4.997 ug/L
RT: 4.137 min Scan# 369
Delta R.T. 0.018 min
Lab File: VW028176.D
Acq: 14 Mar 2024 13:15

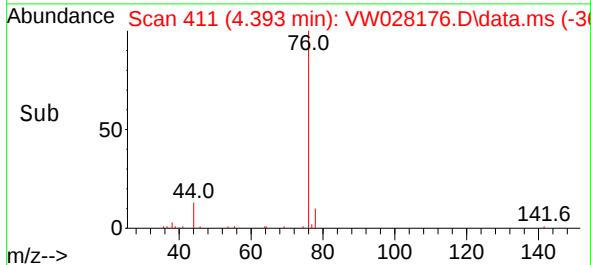
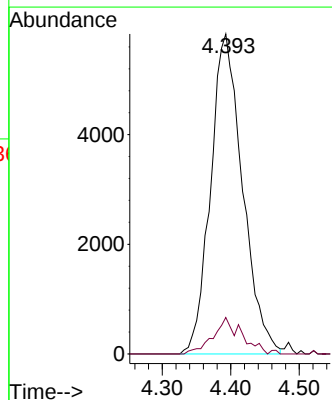
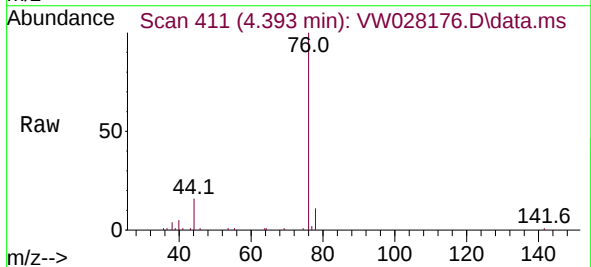
Instrument :
MSVOA_W
ClientSampleId :

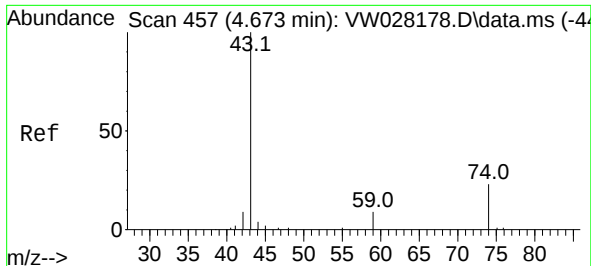
Tgt Ion: 43 Resp: 3475
Ion Ratio Lower Upper
43 100
58 11.6 0.0 57.8



#14
Carbon disulfide
Concen: 2.469 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028176.D
Acq: 14 Mar 2024 13:15

Tgt Ion: 76 Resp: 18911
Ion Ratio Lower Upper
76 100
78 11.4 7.1 10.7#





#15

Methyl Acetate

Concen: 2.554 ug/L

RT: 4.679 min Scan# 457

Delta R.T. 0.006 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Instrument :

MSVOA_W

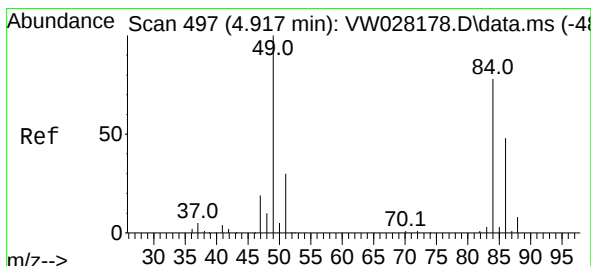
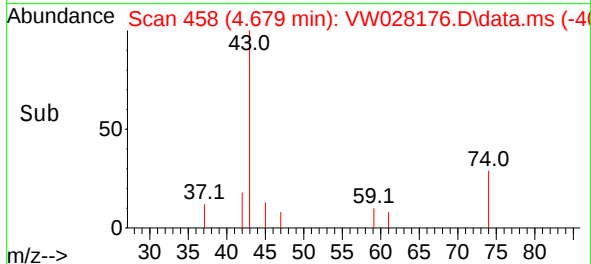
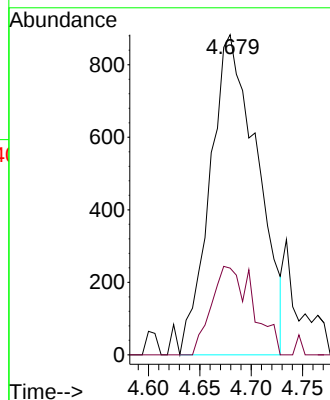
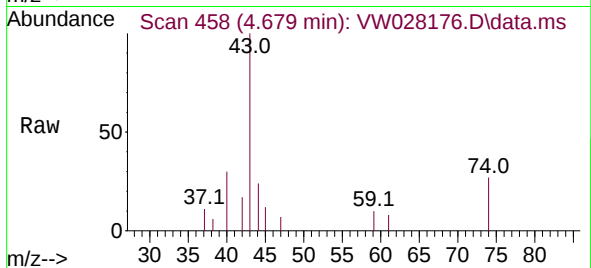
ClientSampleId :

Tgt Ion: 43 Resp: 2827

Ion Ratio Lower Upper

43 100

74 17.0 18.2 27.2#



#16

Methylene chloride

Concen: 1.399 ug/L

RT: 4.917 min Scan# 497

Delta R.T. 0.000 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

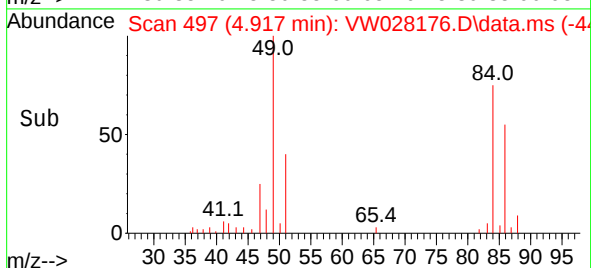
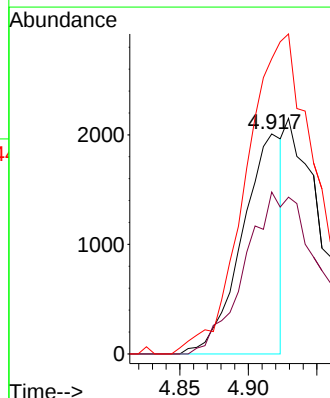
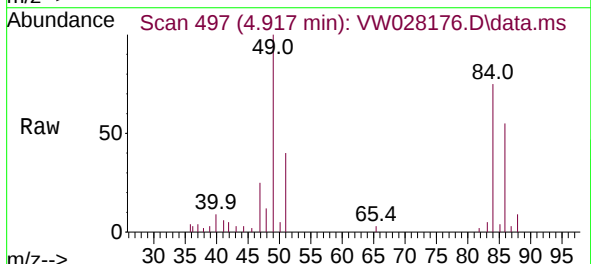
Tgt Ion: 84 Resp: 4056

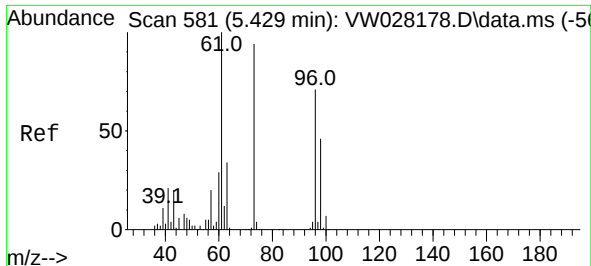
Ion Ratio Lower Upper

84 100

86 73.6 43.1 80.1

49 134.2 89.4 166.0

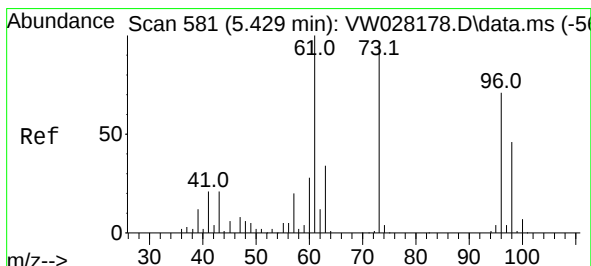
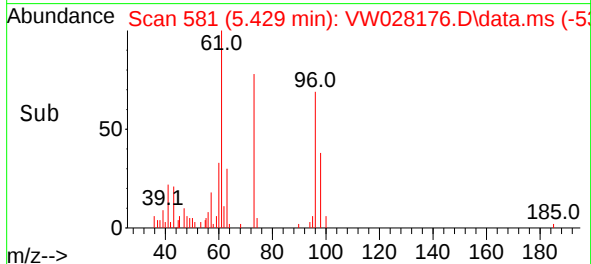
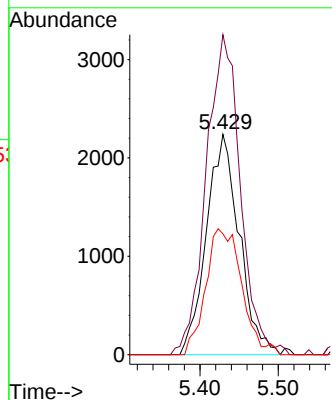
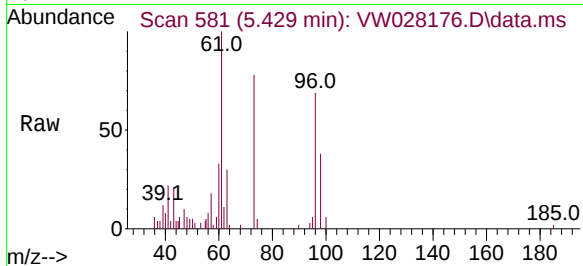




#17
trans-1,2-Dichloroethene
Concen: 2.501 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028176.D
Acq: 14 Mar 2024 13:15

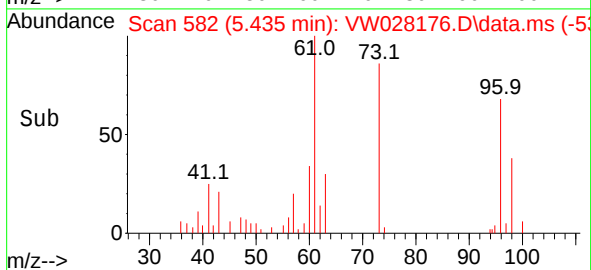
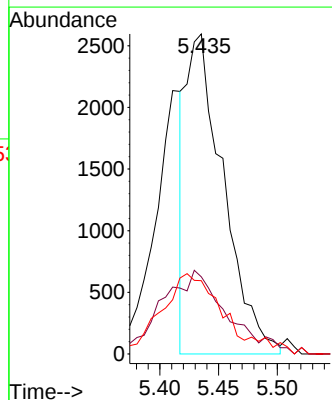
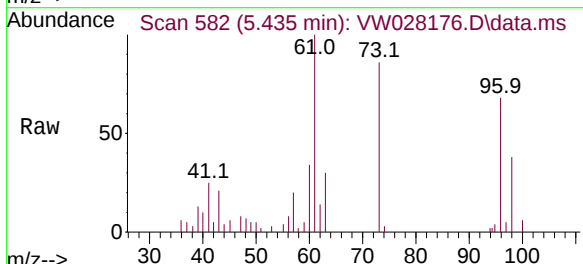
Instrument :
MSVOA_W
ClientSampleId :

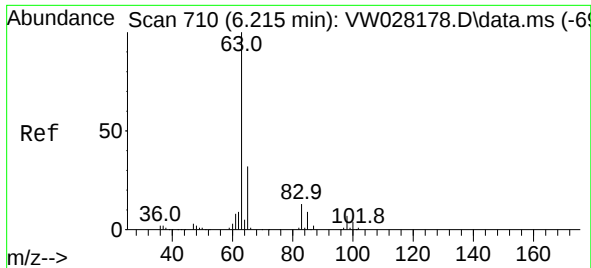
Tgt Ion: 96 Resp: 6528
Ion Ratio Lower Upper
96 100
61 145.2 98.4 182.8
98 54.8 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 1.448 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW028176.D
Acq: 14 Mar 2024 13:15

Tgt Ion: 73 Resp: 5704
Ion Ratio Lower Upper
73 100
43 23.2 18.2 27.4
57 38.7 17.4 26.2#

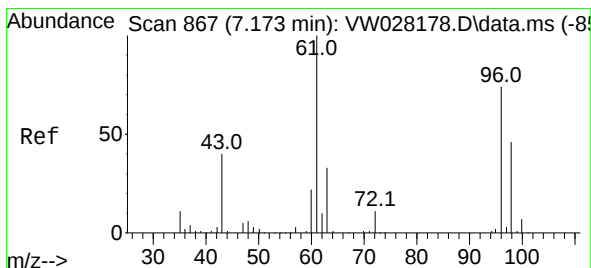
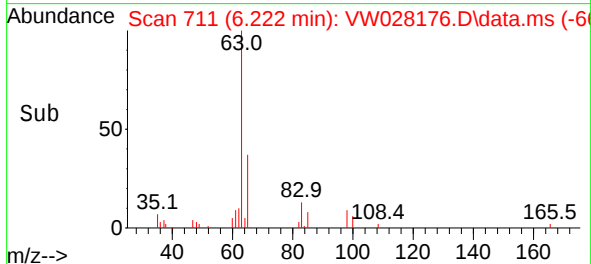
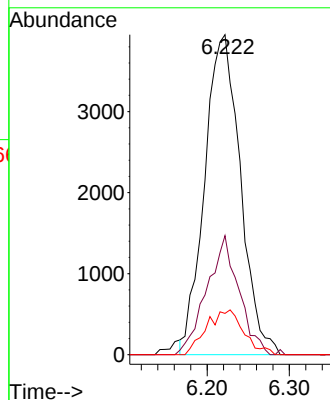
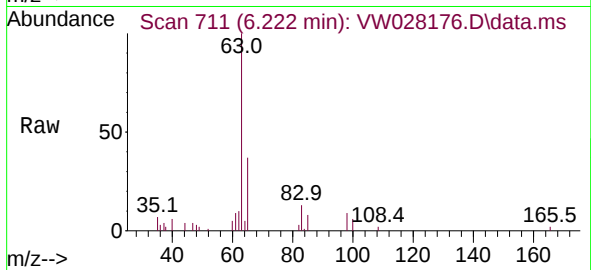




#19
1,1-Dichloroethane
Concen: 2.363 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW028176.D
Acq: 14 Mar 2024 13:15

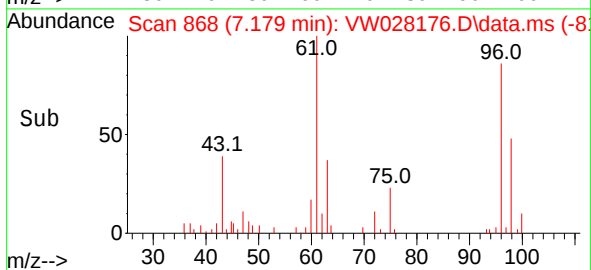
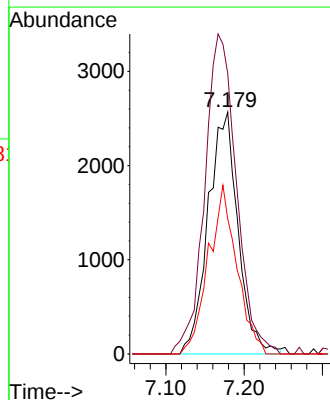
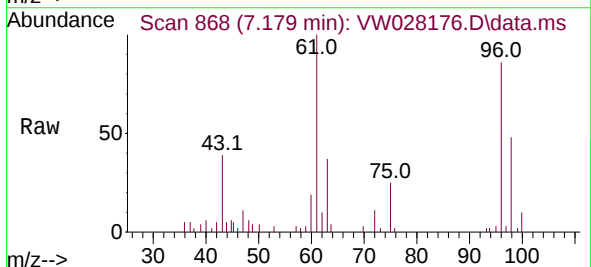
Instrument :
MSVOA_W
ClientSampleId :

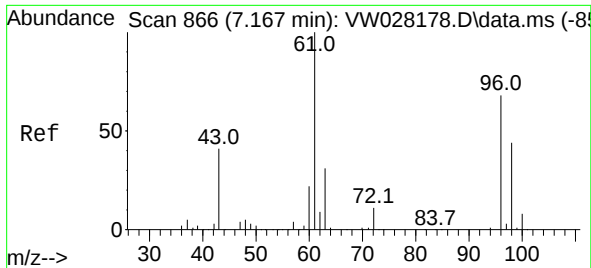
Tgt Ion: 63 Resp: 11943
Ion Ratio Lower Upper
63 100
65 37.2 22.1 41.1
83 12.9 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 2.416 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.006 min
Lab File: VW028176.D
Acq: 14 Mar 2024 13:15

Tgt Ion: 96 Resp: 6813
Ion Ratio Lower Upper
96 100
61 116.0 95.7 177.7
98 55.9 43.9 81.5





#22

2-Butanone

Concen: 4.149 ug/L

RT: 7.179 min Scan# 866

Delta R.T. 0.012 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Instrument :

MSVOA_W

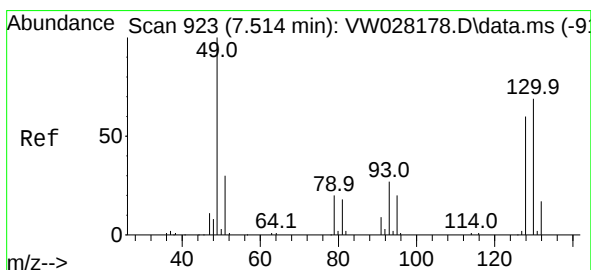
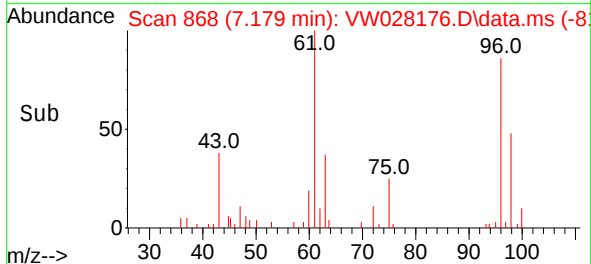
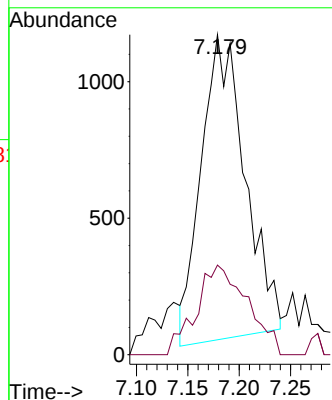
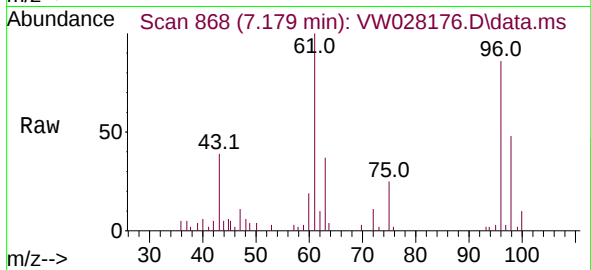
ClientSampleId :

Tgt Ion: 43 Resp: 3311

Ion Ratio Lower Upper

43 100

72 29.9 12.8 38.4



#23

Bromochloromethane

Concen: 2.564 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Tgt Ion: 128 Resp: 3196

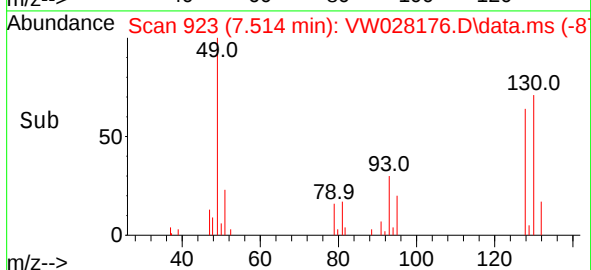
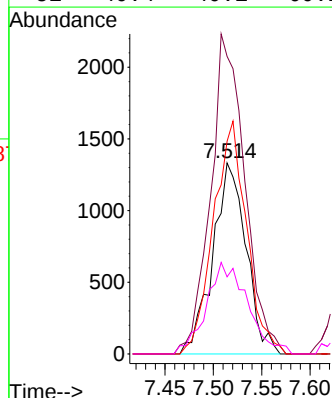
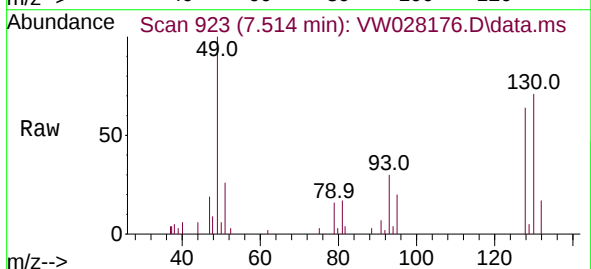
Ion Ratio Lower Upper

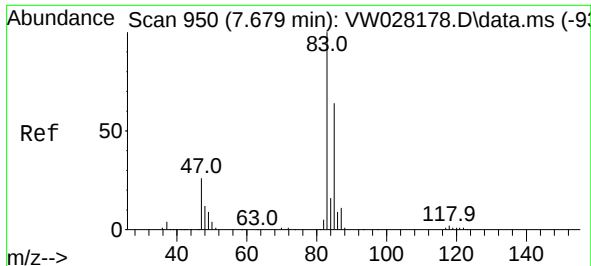
128 100

49 155.9 116.6 216.6

130 111.3 80.1 148.7

51 40.4 40.1 60.1





#25

Chloroform

Concen: 2.432 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Instrument :

MSVOA_W

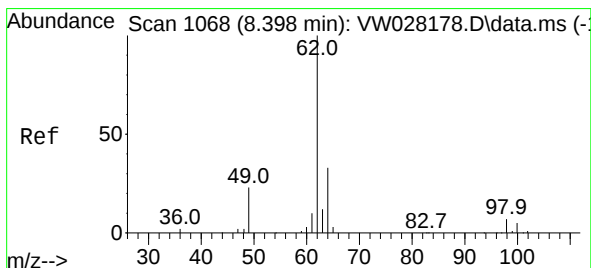
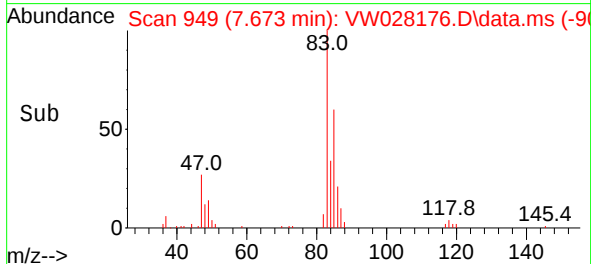
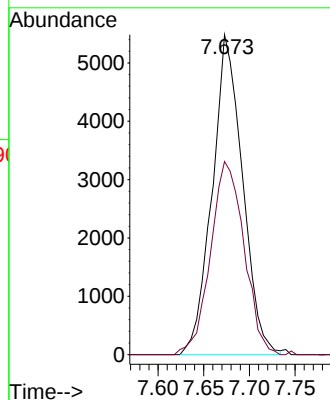
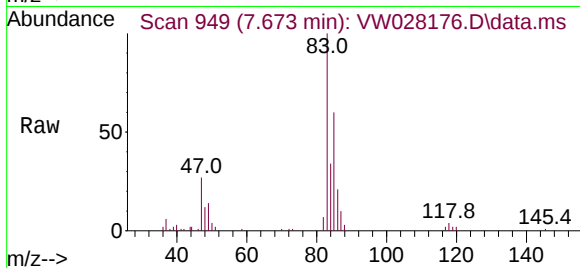
ClientSampleId :

Tgt Ion: 83 Resp: 12650

Ion Ratio Lower Upper

83 100

85 60.3 44.5 82.7



#27

1,2-Dichloroethane

Concen: 2.513 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028176.D

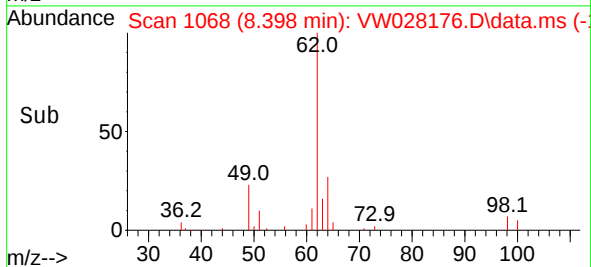
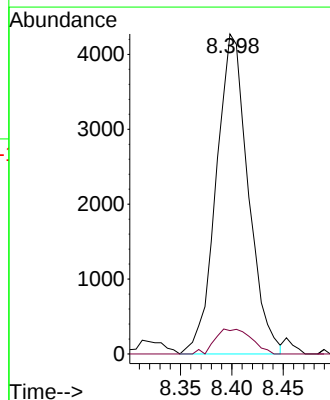
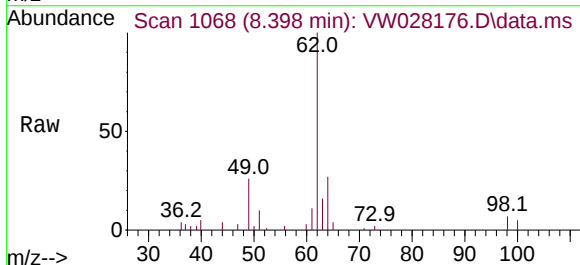
Acq: 14 Mar 2024 13:15

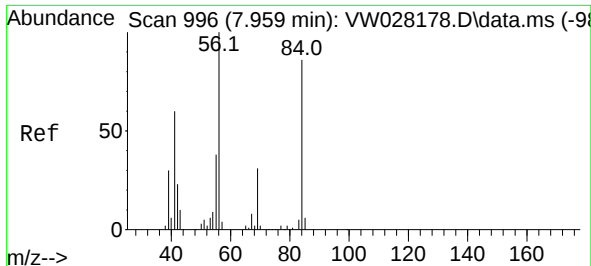
Tgt Ion: 62 Resp: 9229

Ion Ratio Lower Upper

62 100

98 7.3 5.9 8.9





#29

Cyclohexane

Concen: 2.289 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

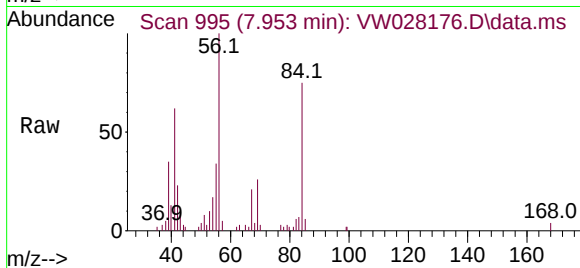
Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Instrument :

MSVOA_W

ClientSampleId :



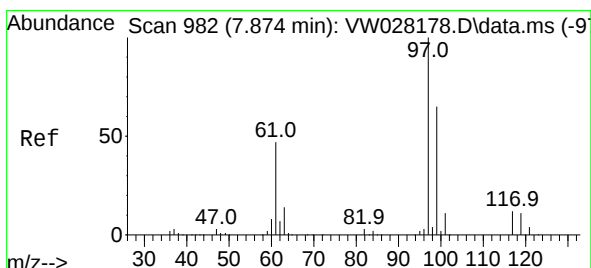
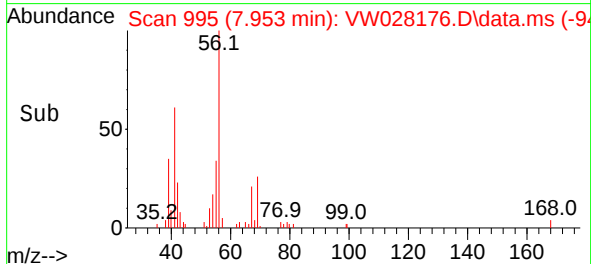
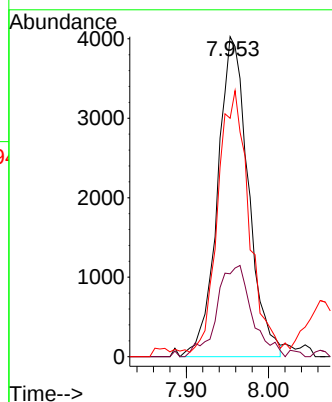
Tgt Ion: 56 Resp: 10505

Ion Ratio Lower Upper

56 100

69 30.0 24.0 36.0

84 82.6 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 2.345 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

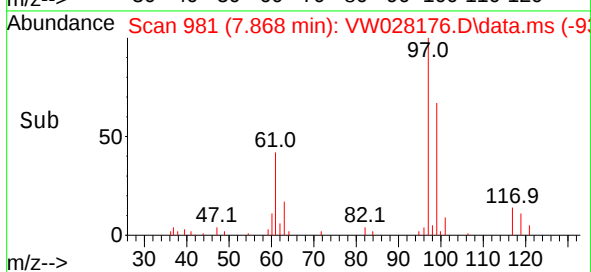
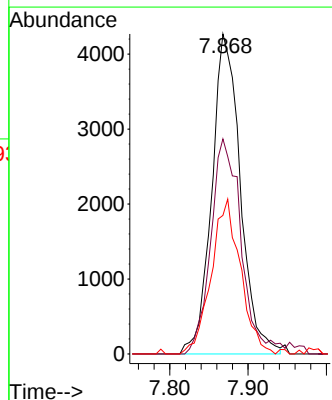
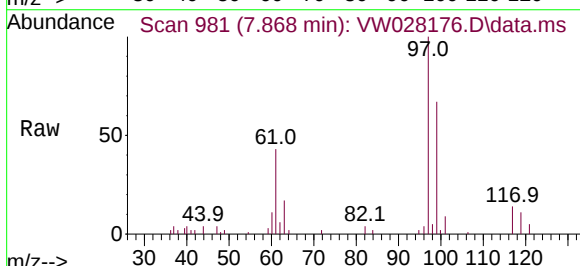
Tgt Ion: 97 Resp: 10814

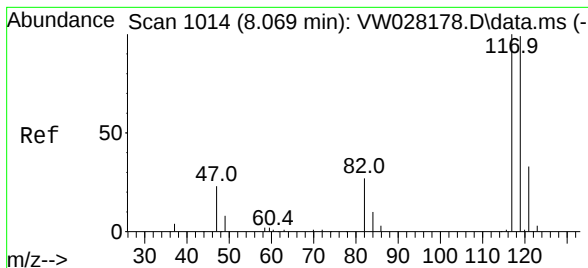
Ion Ratio Lower Upper

97 100

99 71.5 51.3 76.9

61 49.4 37.0 55.6





#31

Carbon tetrachloride

Concen: 2.415 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Instrument :

MSVOA_W

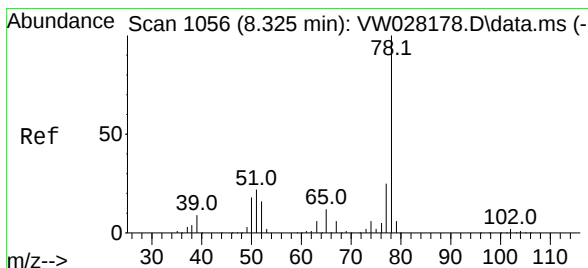
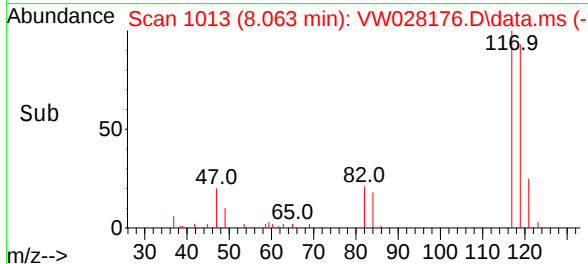
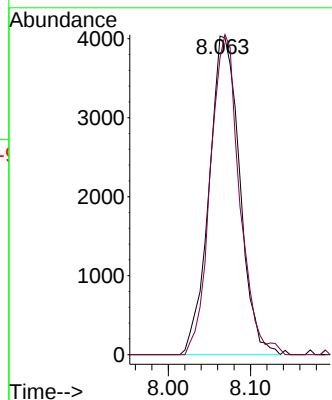
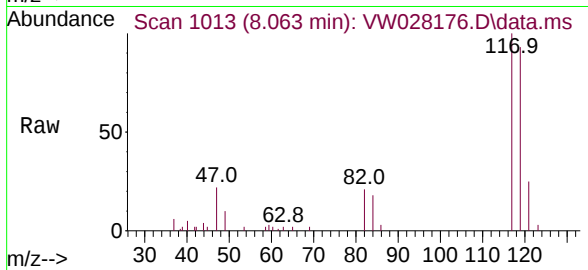
ClientSampleId :

Tgt Ion:117 Resp: 10444

Ion Ratio Lower Upper

117 100

119 94.5 78.2 117.4



#33

Benzene

Concen: 2.375 ug/L

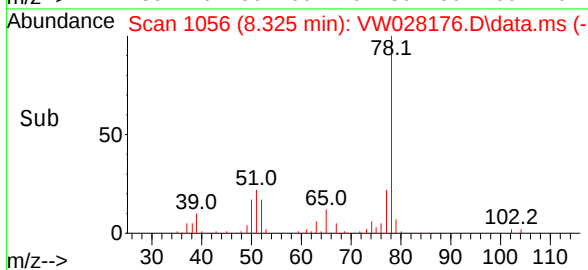
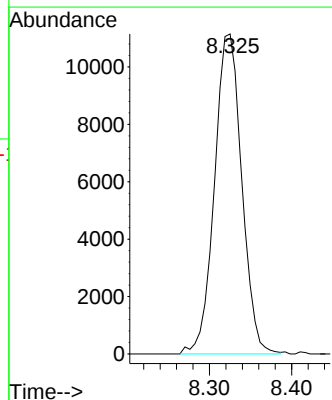
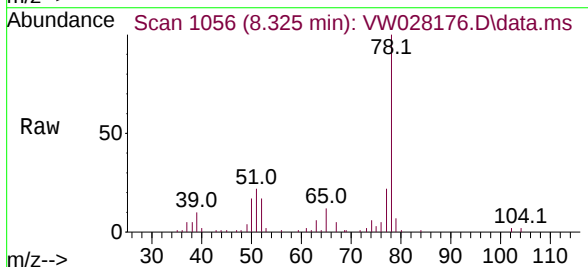
RT: 8.325 min Scan# 1056

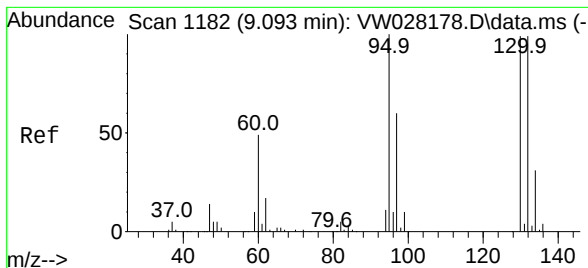
Delta R.T. 0.000 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Tgt Ion: 78 Resp: 25708





#34

Trichloroethene

Concen: 2.414 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 7292

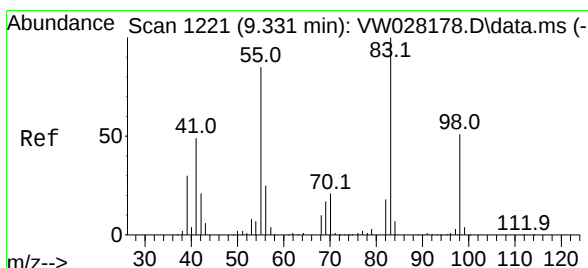
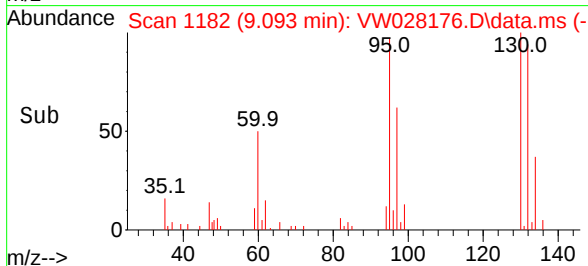
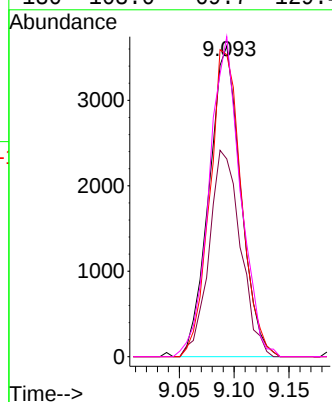
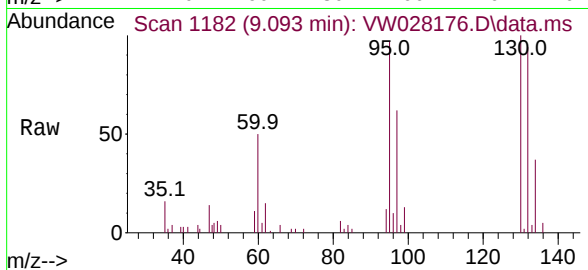
Ion Ratio Lower Upper

95 100

97 63.7 42.4 78.6

132 97.2 69.4 128.8

130 103.0 69.7 129.4



#35

Methylcyclohexane

Concen: 2.385 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

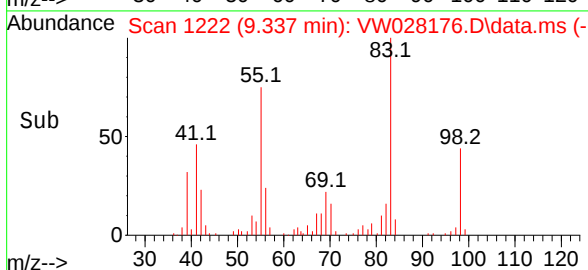
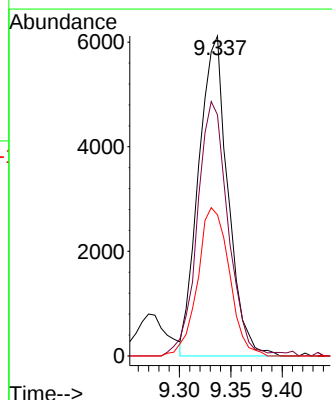
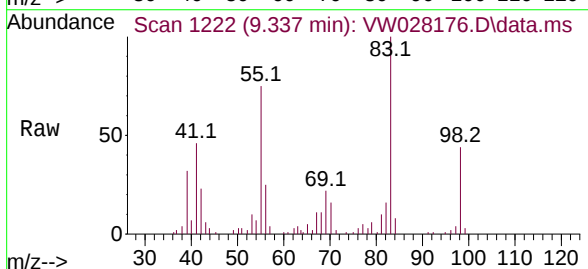
Tgt Ion: 83 Resp: 12174

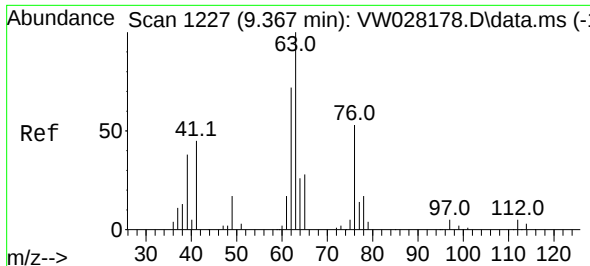
Ion Ratio Lower Upper

83 100

55 83.0 64.2 96.4

98 50.0 38.3 57.5





#37

1,2-Dichloropropane

Concen: 2.447 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Instrument :

MSVOA_W

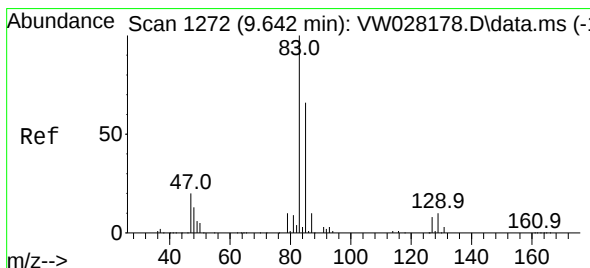
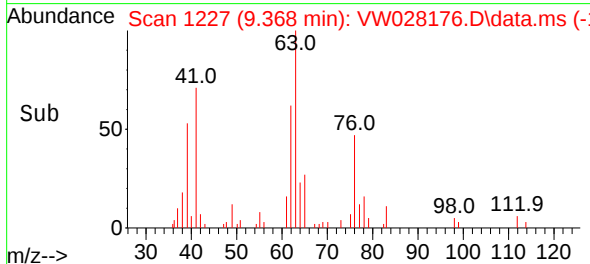
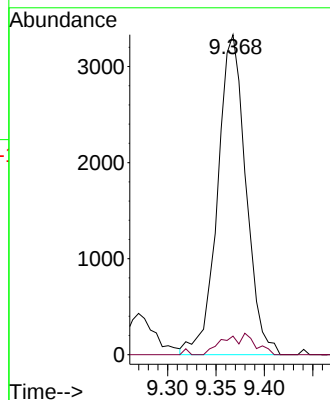
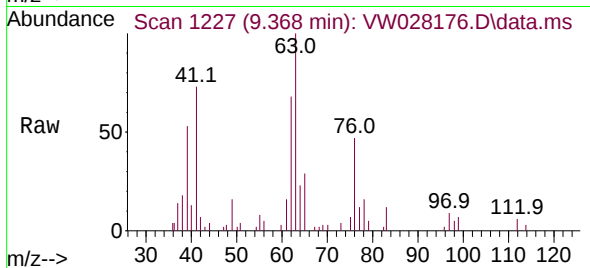
ClientSampleId :

Tgt Ion: 63 Resp: 6776

Ion Ratio Lower Upper

63 100

112 4.1 3.8 5.8



#38

Bromodichloromethane

Concen: 2.369 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

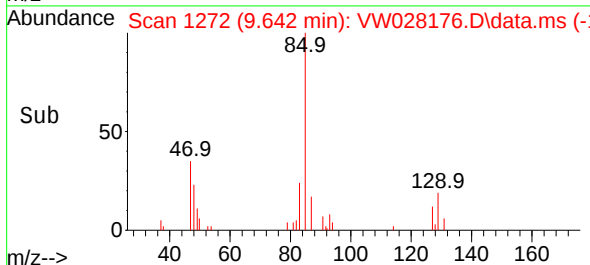
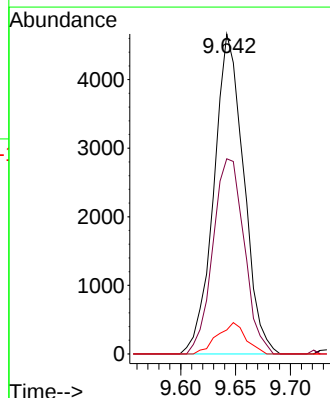
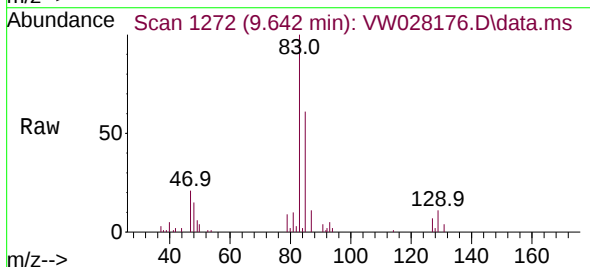
Tgt Ion: 83 Resp: 8843

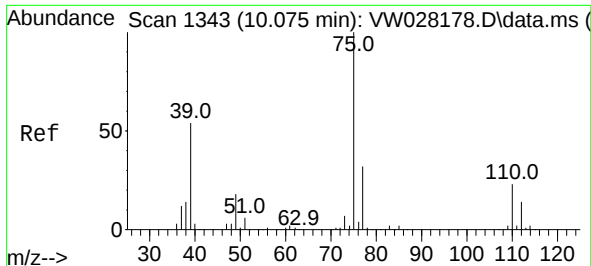
Ion Ratio Lower Upper

83 100

85 61.0 45.8 85.2

127 7.5 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 2.267 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Instrument :

MSVOA_W

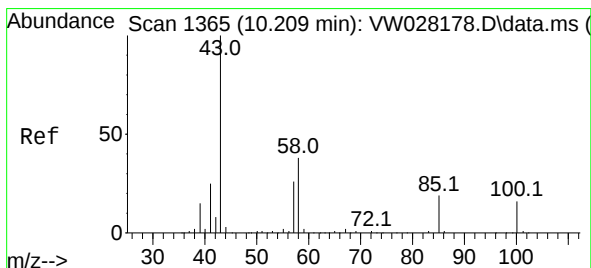
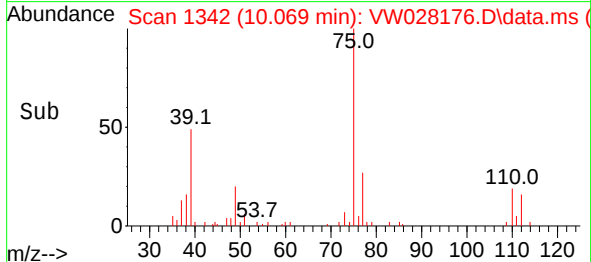
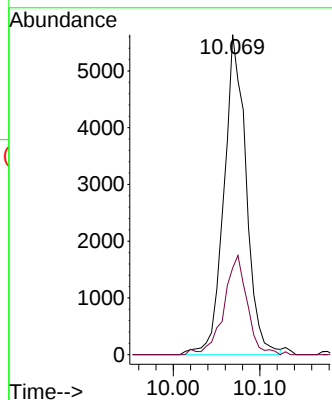
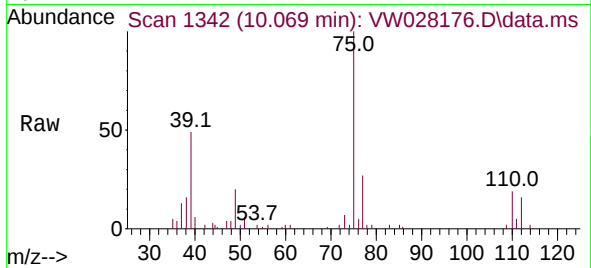
ClientSampleId :

Tgt Ion: 75 Resp: 10052

Ion Ratio Lower Upper

75 100

77 27.1 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 4.636 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

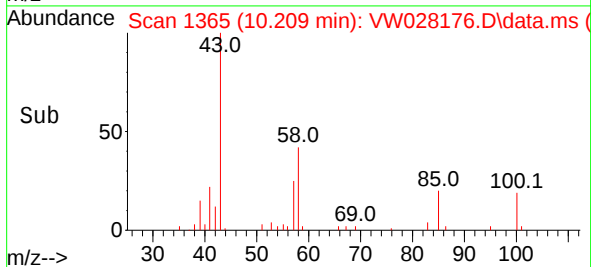
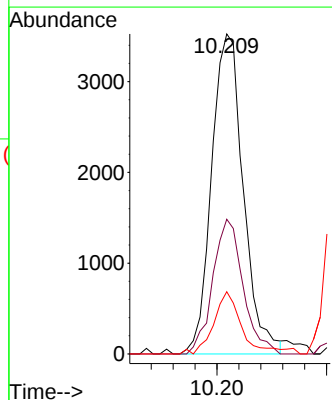
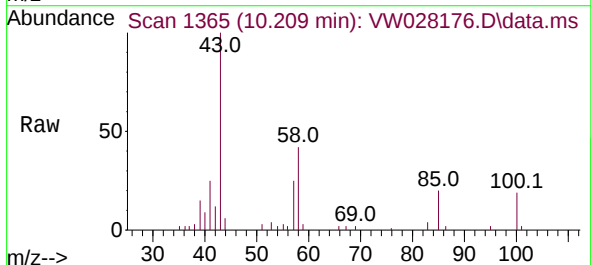
Tgt Ion: 43 Resp: 7086

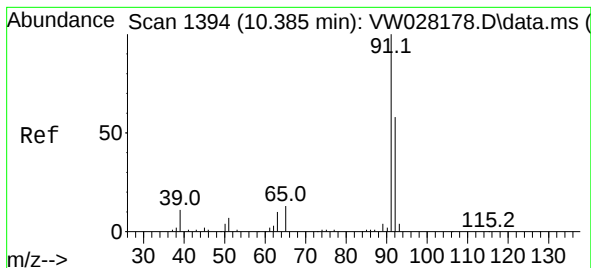
Ion Ratio Lower Upper

43 100

58 40.2 30.1 45.1

100 16.5 11.8 17.8





#42

Toluene

Concen: 2.342 ug/L

RT: 10.386 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Instrument :

MSVOA_W

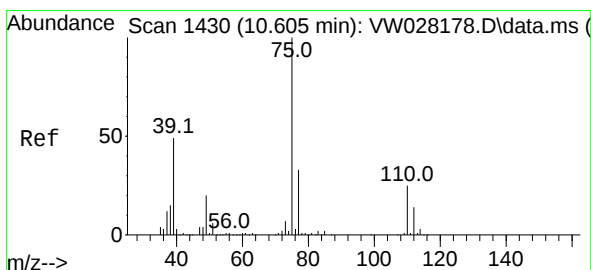
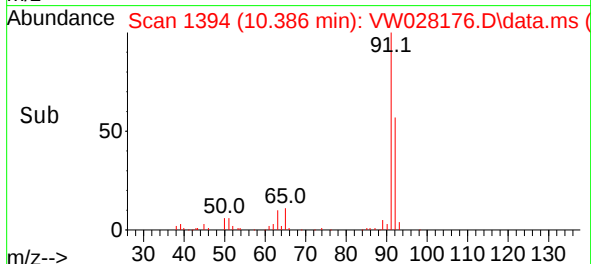
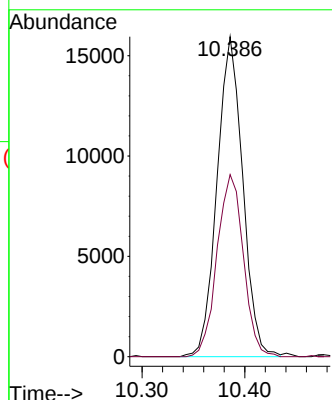
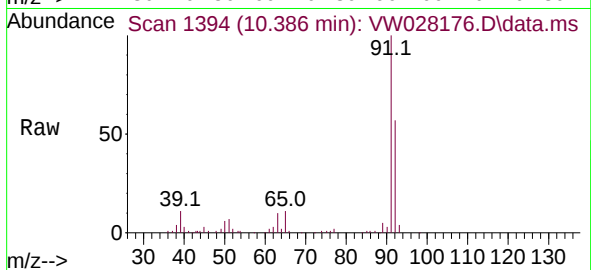
ClientSampleId :

Tgt Ion: 91 Resp: 27665

Ion Ratio Lower Upper

91 100

92 56.9 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 2.206 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028176.D

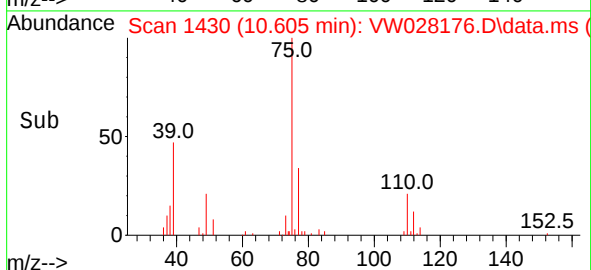
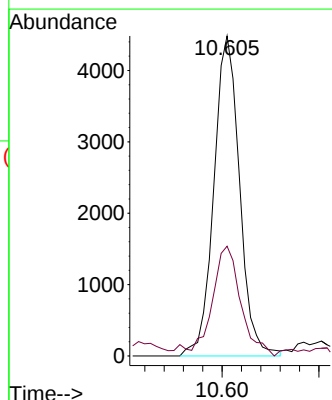
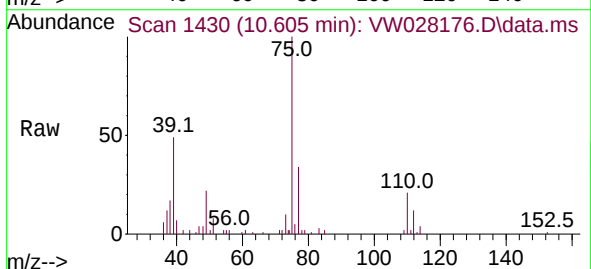
Acq: 14 Mar 2024 13:15

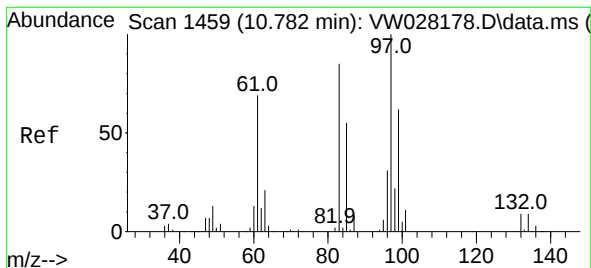
Tgt Ion: 75 Resp: 8259

Ion Ratio Lower Upper

75 100

77 34.3 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 2.529 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 5060

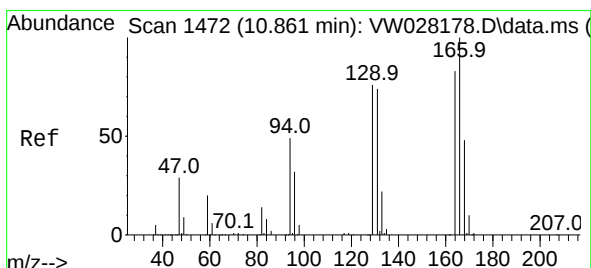
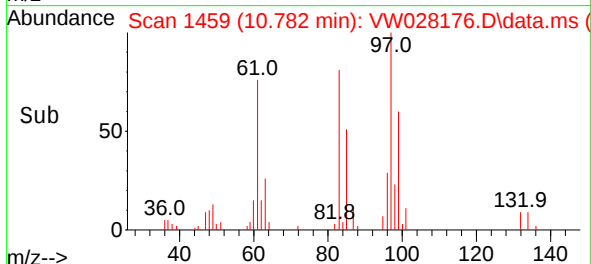
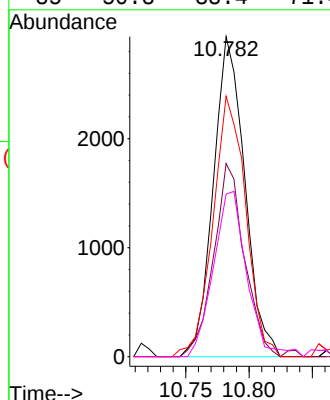
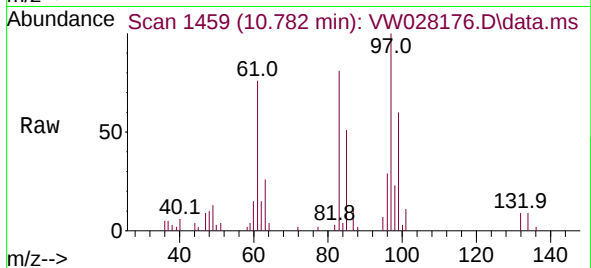
Ion Ratio Lower Upper

97 100

99 60.4 43.4 80.6

83 81.4 59.4 110.4

85 50.8 38.4 71.4



#46

Tetrachloroethene

Concen: 2.534 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Tgt Ion: 164 Resp: 6168

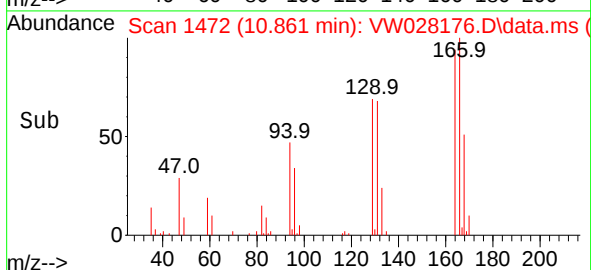
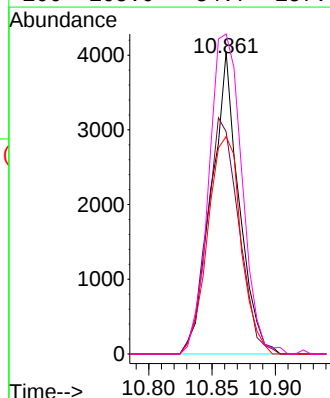
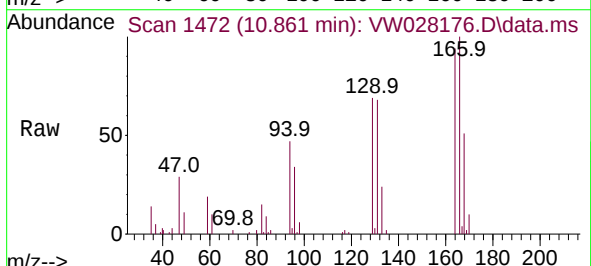
Ion Ratio Lower Upper

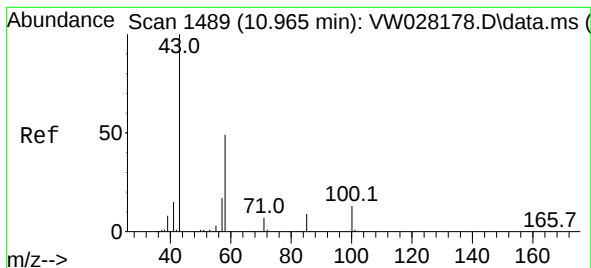
164 100

129 73.5 64.0 119.0

131 72.0 62.6 116.3

166 105.9 84.7 157.3





#48

2-Hexanone

Concen: 4.596 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

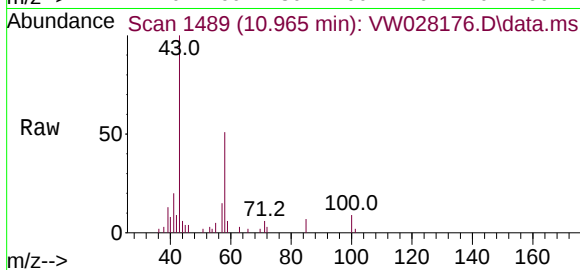
Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 5502

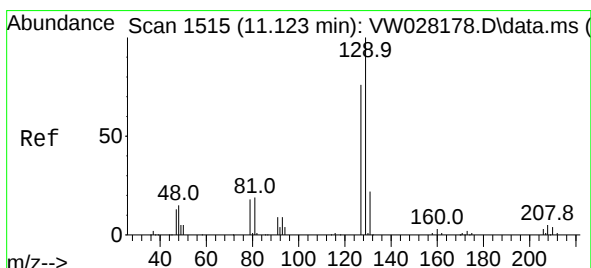
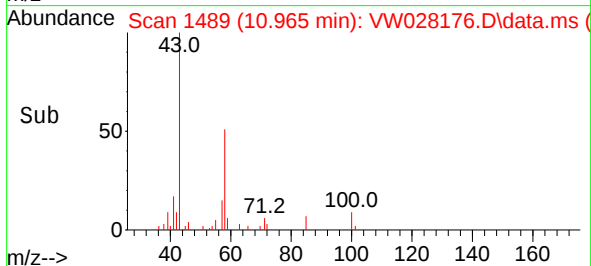
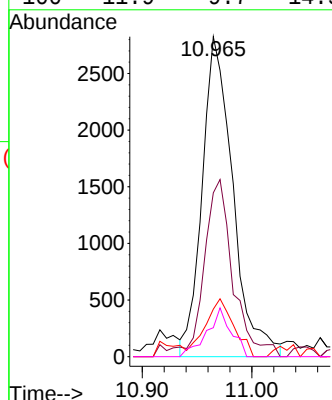
Ion Ratio Lower Upper

43 100

58 49.0 40.6 61.0

57 16.7 15.7 23.5

100 11.9 9.7 14.5



#49

Dibromochloromethane

Concen: 2.472 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW028176.D

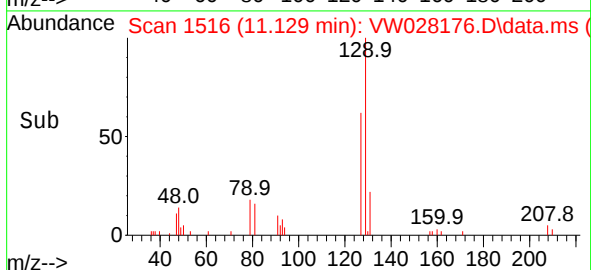
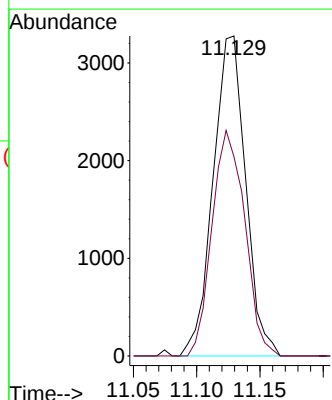
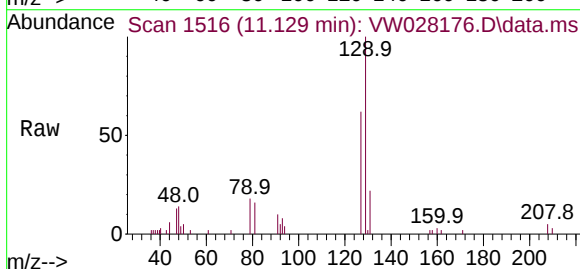
Acq: 14 Mar 2024 13:15

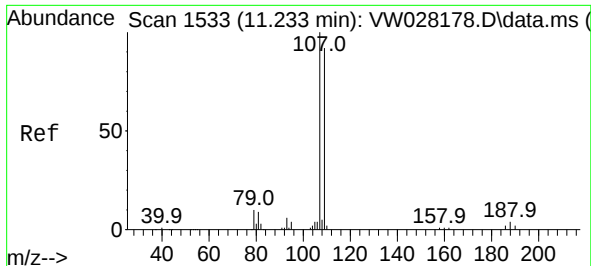
Tgt Ion: 129 Resp: 5857

Ion Ratio Lower Upper

129 100

127 62.2 53.1 98.7





#50

1,2-Dibromoethane

Concen: 2.420 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028176.D

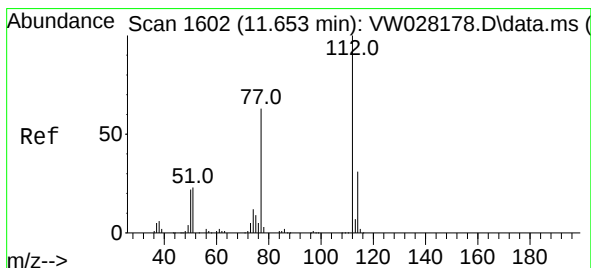
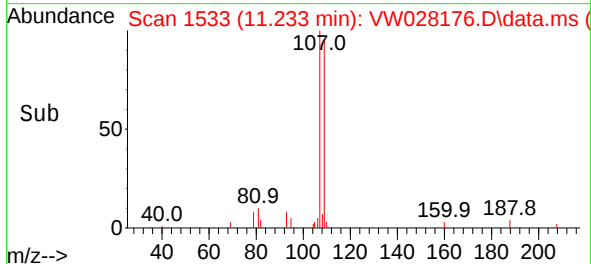
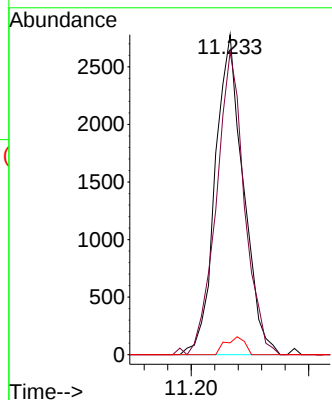
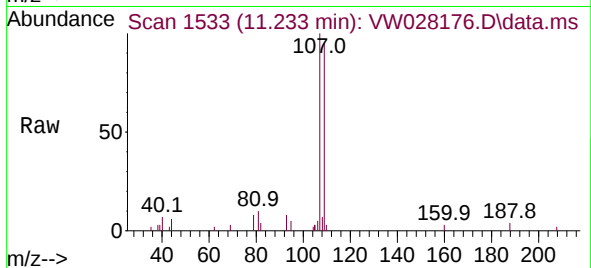
Acq: 14 Mar 2024 13:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	4630
Ion	Ratio	Lower	Upper
107	100		
109	94.6	64.4	119.6
188	3.7	3.4	5.2



#51

Chlorobenzene

Concen: 2.410 ug/L

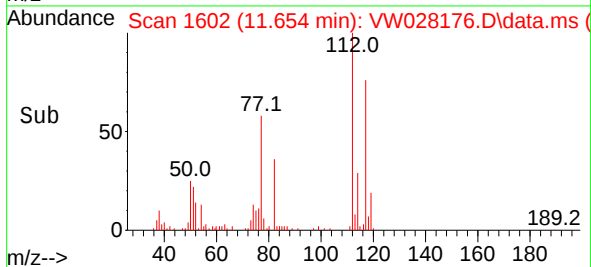
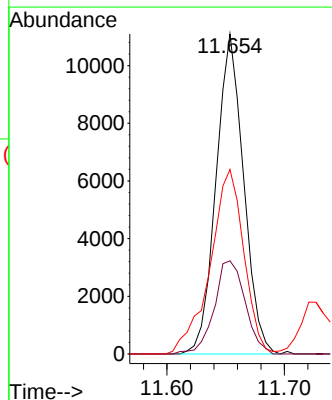
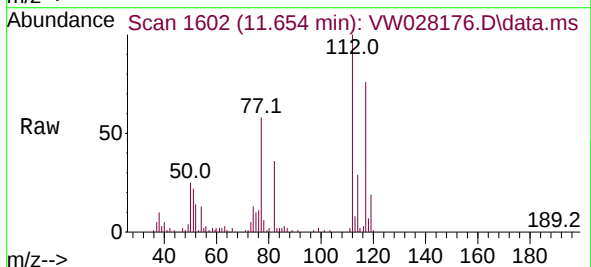
RT: 11.654 min Scan# 1602

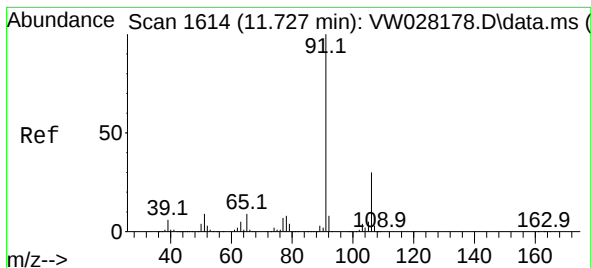
Delta R.T. 0.000 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Tgt Ion:	112	Resp:	18074
Ion	Ratio	Lower	Upper
112	100		
114	29.1	21.8	40.6
77	57.6	50.6	76.0





#52

Ethylbenzene

Concen: 2.283 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Instrument :

MSVOA_W

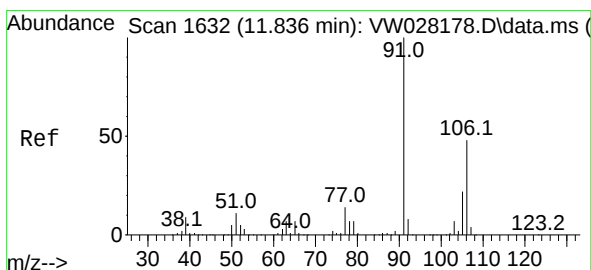
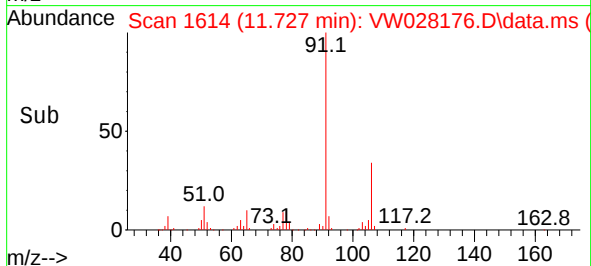
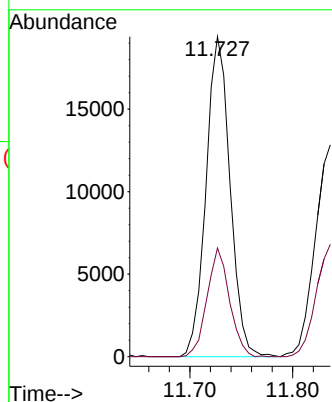
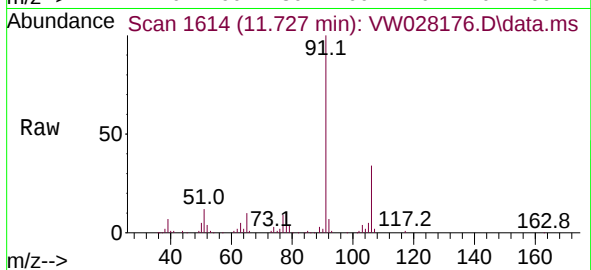
ClientSampleId :

Tgt Ion: 91 Resp: 31489

Ion Ratio Lower Upper

91 100

106 34.0 21.3 39.5



#53

m,p-Xylene

Concen: 2.372 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028176.D

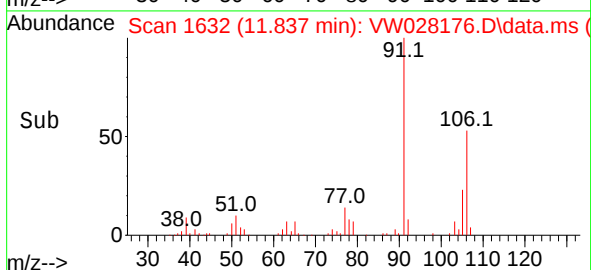
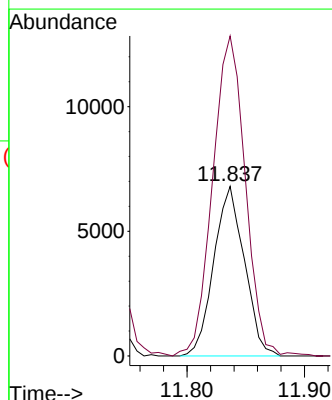
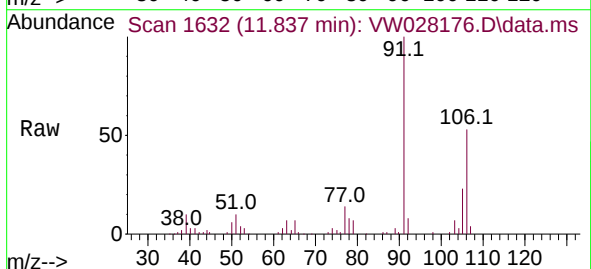
Acq: 14 Mar 2024 13:15

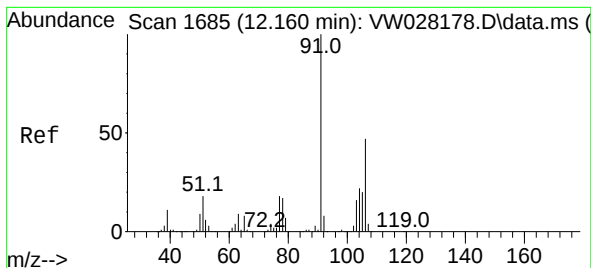
Tgt Ion:106 Resp: 12312

Ion Ratio Lower Upper

106 100

91 188.6 147.1 273.1

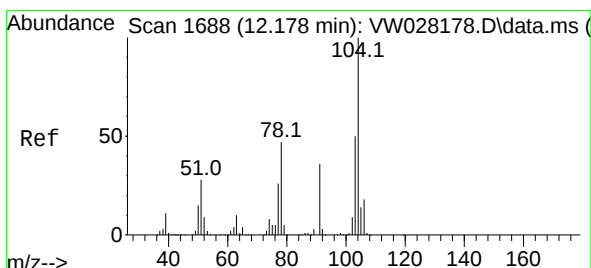
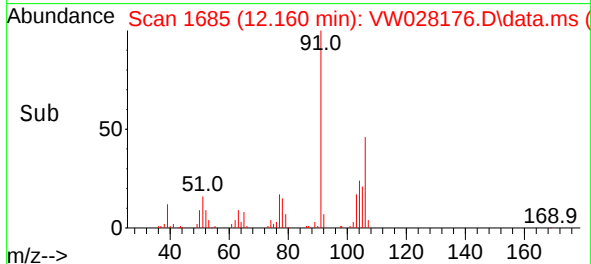
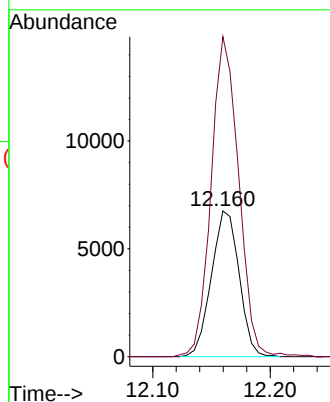
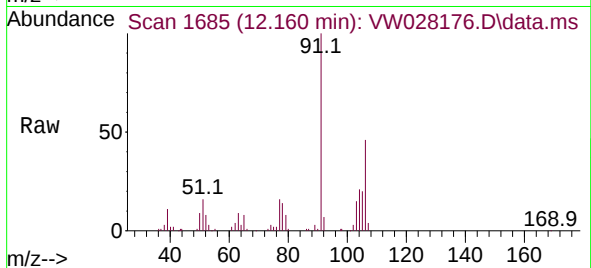




#54
o-Xylene
Concen: 2.305 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW028176.D
Acq: 14 Mar 2024 13:15

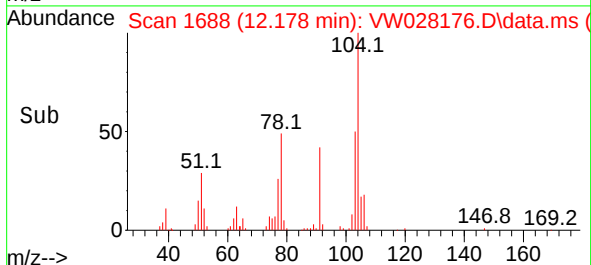
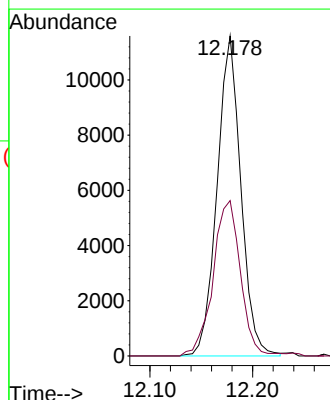
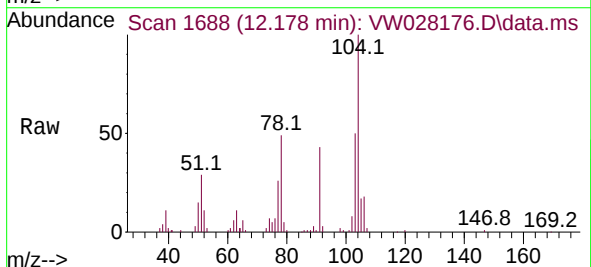
Instrument :
MSVOA_W
ClientSampleId :

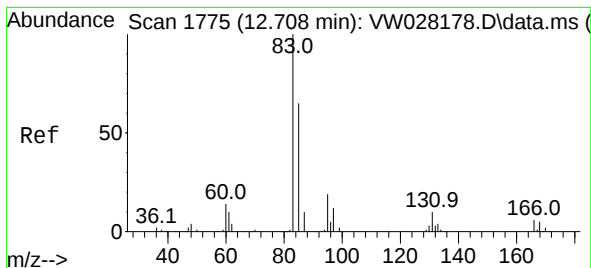
Tgt Ion:106 Resp: 11094
Ion Ratio Lower Upper
106 100
91 219.5 149.2 277.2



#55
Styrene
Concen: 2.252 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028176.D
Acq: 14 Mar 2024 13:15

Tgt Ion:104 Resp: 18613
Ion Ratio Lower Upper
104 100
78 48.5 33.2 61.7

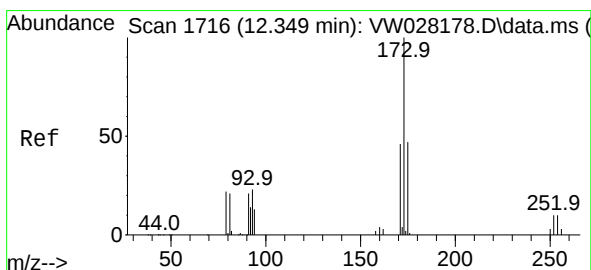
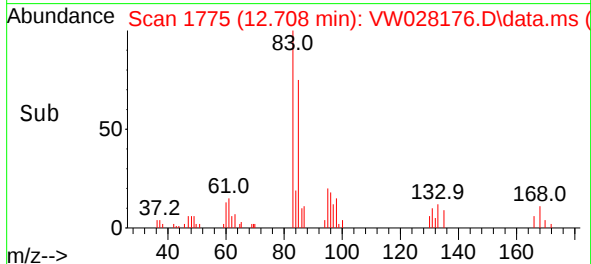
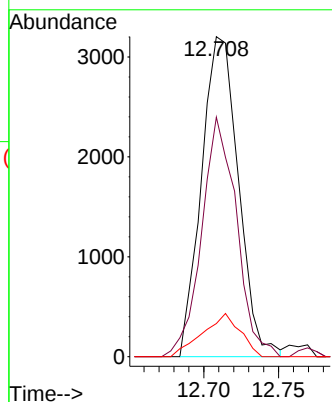
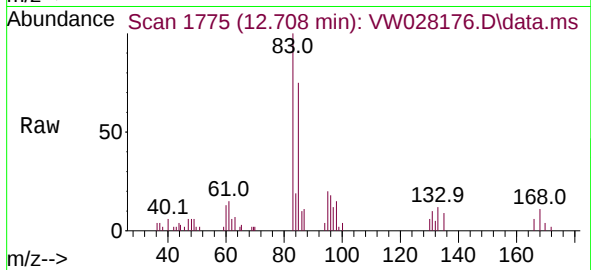




#57
1,1,2,2-Tetrachloroethane
Concen: 2.405 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028176.D
Acq: 14 Mar 2024 13:15

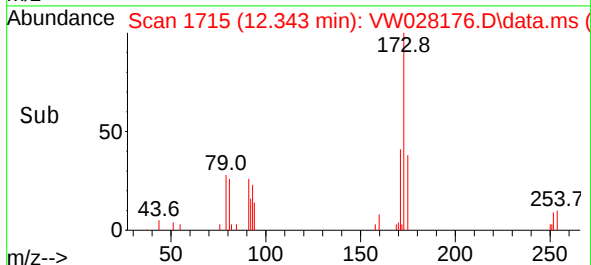
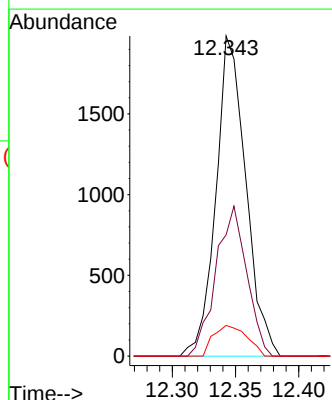
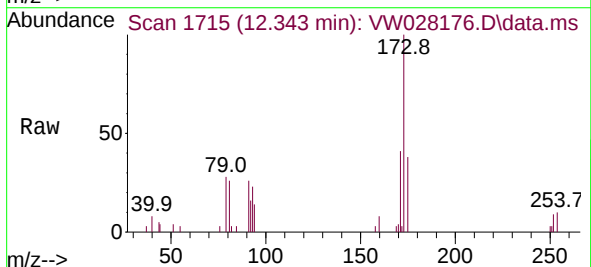
Instrument :
MSVOA_W
ClientSampleId :

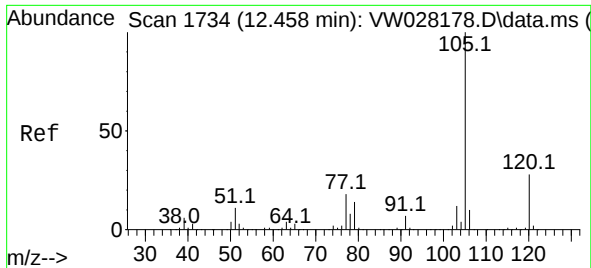
Tgt Ion: 83 Resp: 5503
Ion Ratio Lower Upper
83 100
85 74.9 47.0 87.2
131 10.4 8.9 13.3



#59
Bromoform
Concen: 2.450 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW028176.D
Acq: 14 Mar 2024 13:15

Tgt Ion: 173 Resp: 3255
Ion Ratio Lower Upper
173 100
175 48.3 39.8 59.6
254 10.7 8.5 12.7

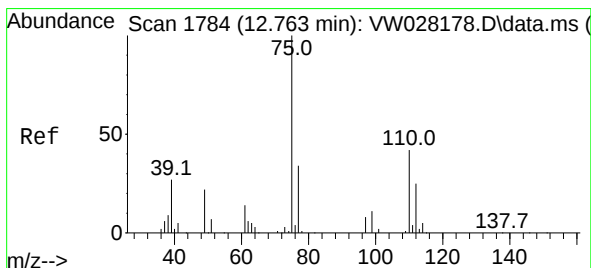
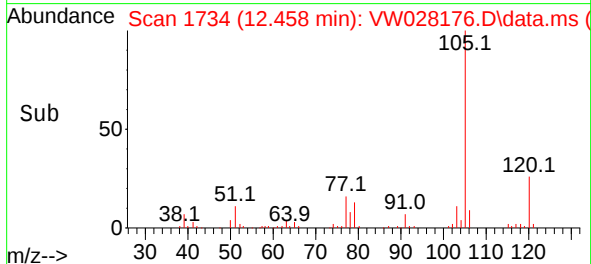
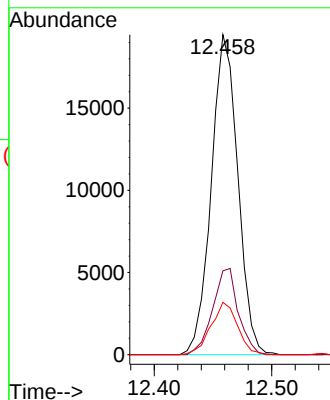
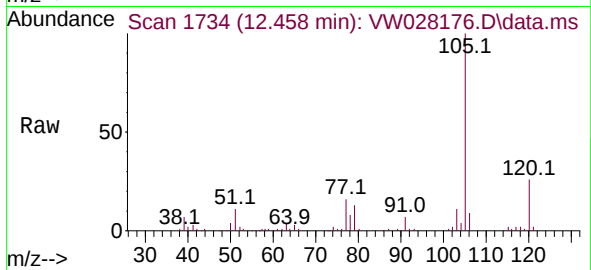




#60
Isopropylbenzene
Concen: 2.324 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028176.D
Acq: 14 Mar 2024 13:15

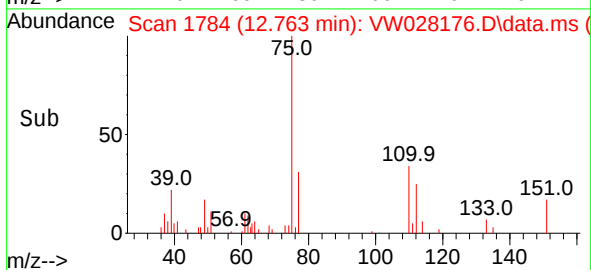
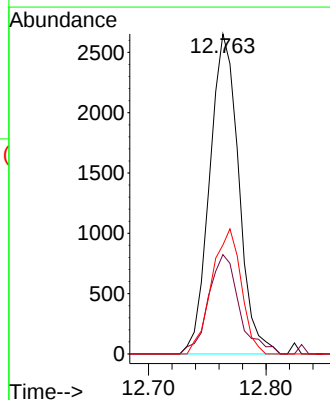
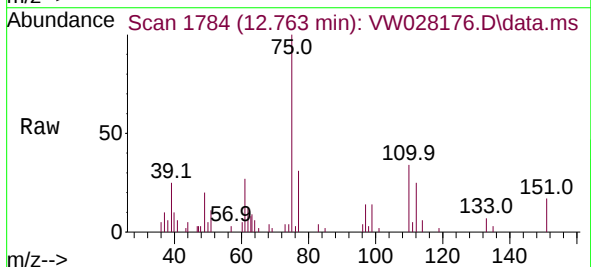
Instrument :
MSVOA_W
ClientSampleId :

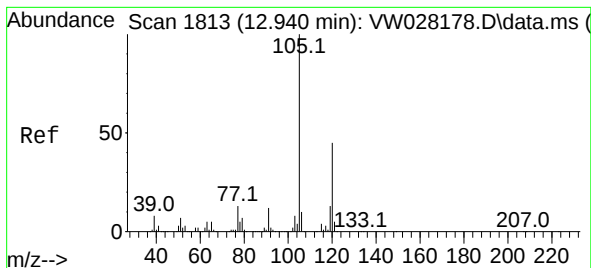
Tgt Ion:105 Resp: 30619
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 16.4 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 2.701 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028176.D
Acq: 14 Mar 2024 13:15

Tgt Ion: 75 Resp: 4571
Ion Ratio Lower Upper
75 100
77 32.8 26.0 39.0
110 39.5 32.2 48.2

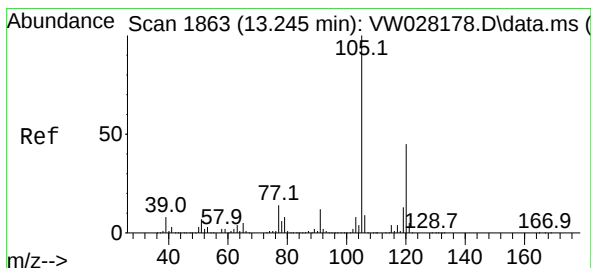
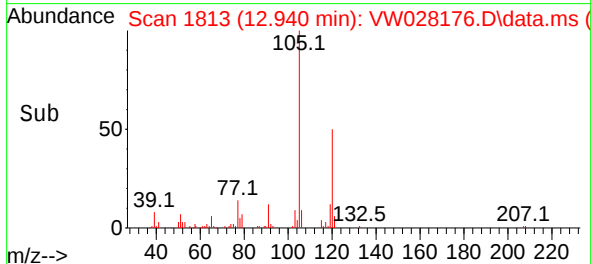
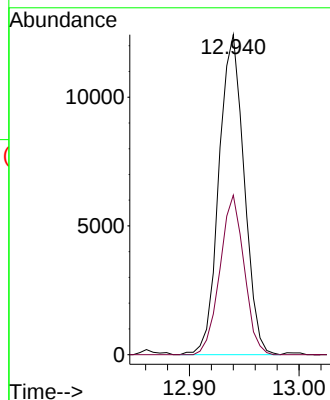
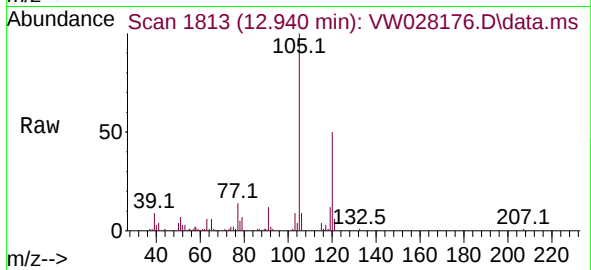




#62
1,3,5-Trimethylbenzene
Concen: 2.245 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028176.D
Acq: 14 Mar 2024 13:15

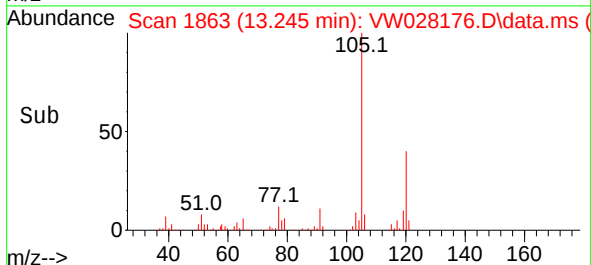
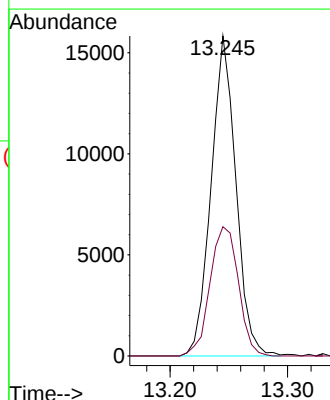
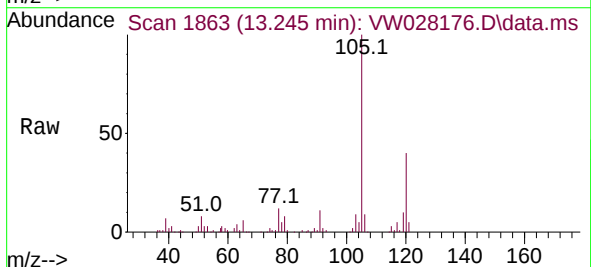
Instrument :
MSVOA_W
ClientSampleId :

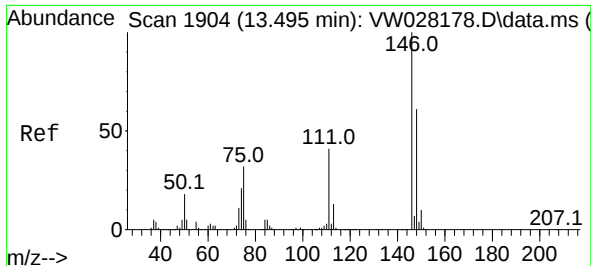
Tgt Ion:105 Resp: 19846
Ion Ratio Lower Upper
105 100
120 47.7 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 2.178 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028176.D
Acq: 14 Mar 2024 13:15

Tgt Ion:105 Resp: 23251
Ion Ratio Lower Upper
105 100
120 46.2 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 2.441 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Instrument :

MSVOA_W

ClientSampleId :

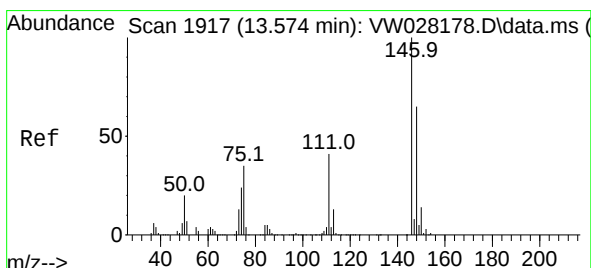
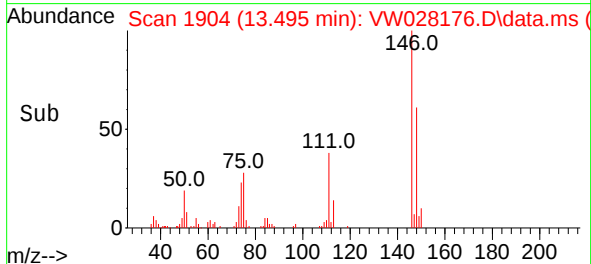
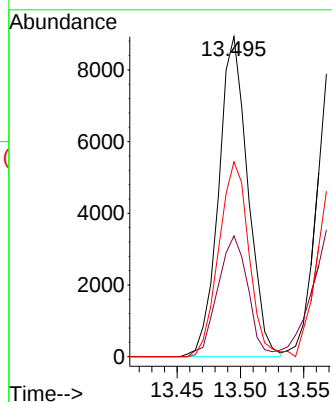
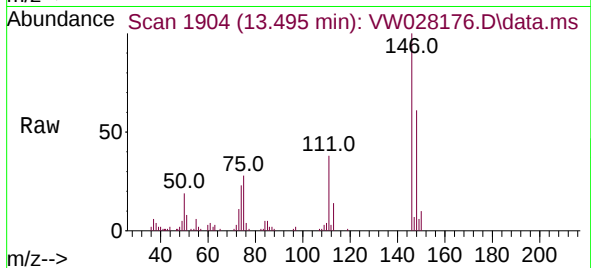
Tgt Ion:146 Resp: 14348

Ion Ratio Lower Upper

146 100

111 37.8 28.5 52.9

148 60.9 43.0 80.0



#65

1,4-Dichlorobenzene

Concen: 2.490 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

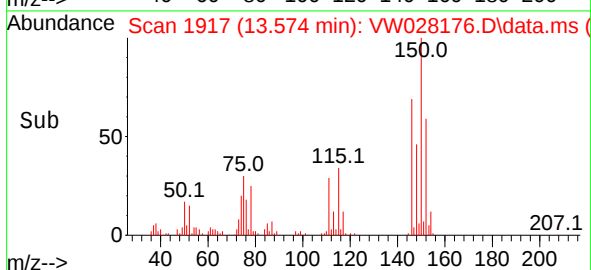
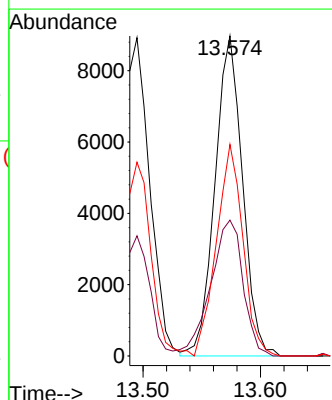
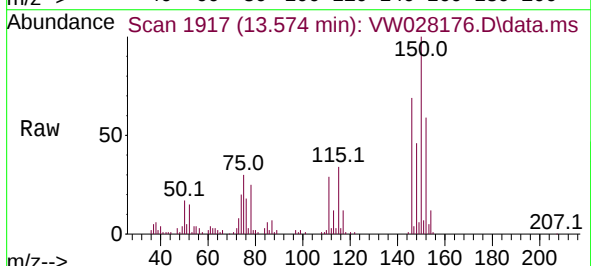
Tgt Ion:146 Resp: 14632

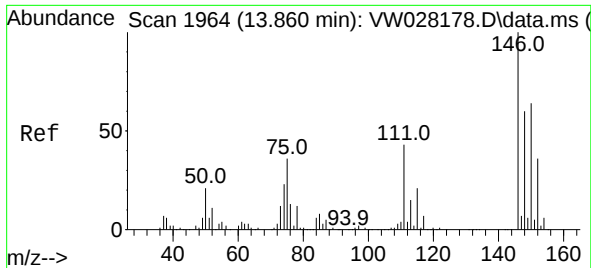
Ion Ratio Lower Upper

146 100

111 42.5 28.8 53.6

148 66.1 45.3 84.1

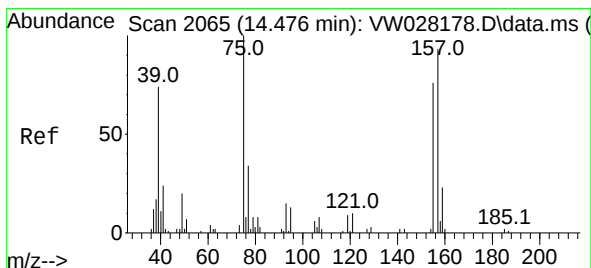
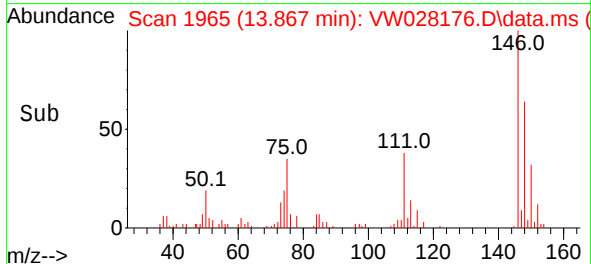
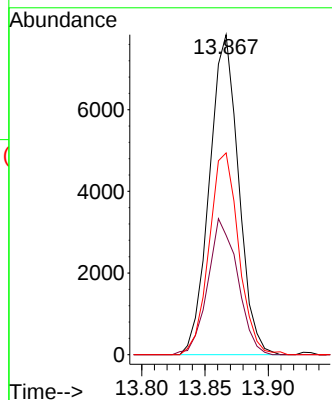
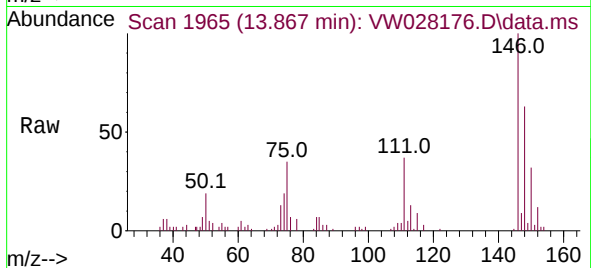




#67
1,2-Dichlorobenzene
Concen: 2.479 ug/L
RT: 13.867 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VW028176.D
Acq: 14 Mar 2024 13:15

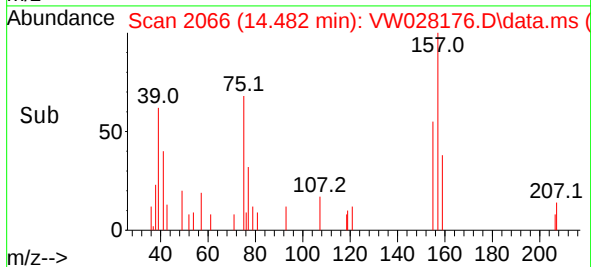
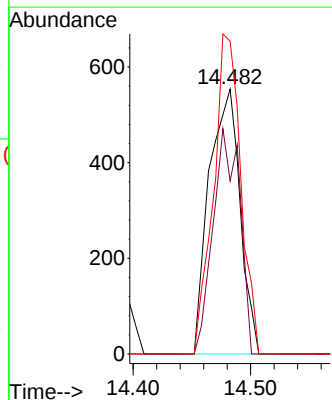
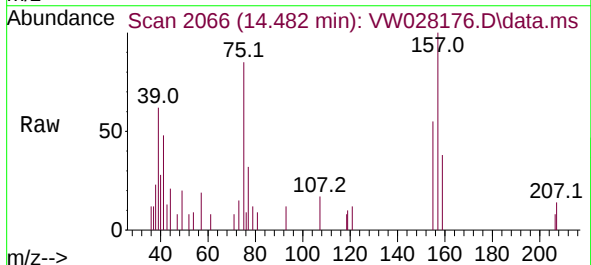
Instrument :
MSVOA_W
ClientSampleId :

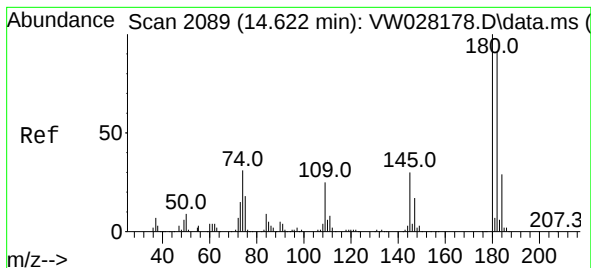
Tgt Ion:146 Resp: 12549
Ion Ratio Lower Upper
146 100
111 37.3 34.2 51.2
148 63.0 48.1 72.1



#68
1,2-Dibromo-3-chloropropane
Concen: 2.533 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW028176.D
Acq: 14 Mar 2024 13:15

Tgt Ion: 75 Resp: 1007
Ion Ratio Lower Upper
75 100
155 65.3 61.1 91.7
157 118.1 74.2 111.4#





#69

1,3,5-Trichlorobenzene

Concen: 2.377 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 9731

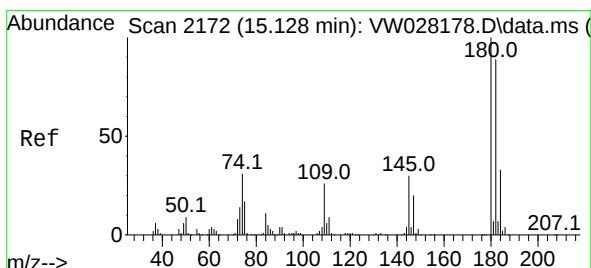
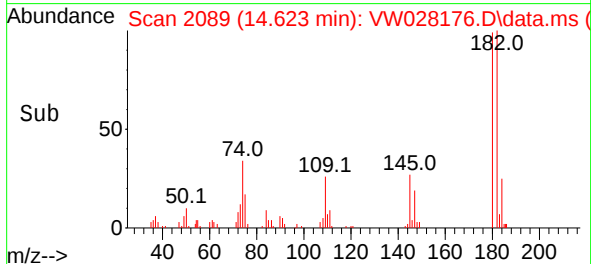
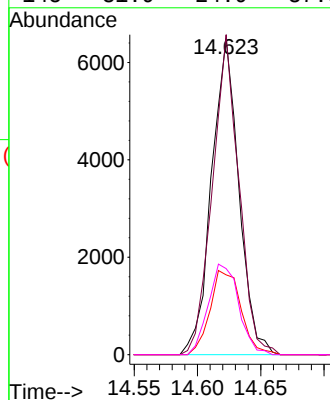
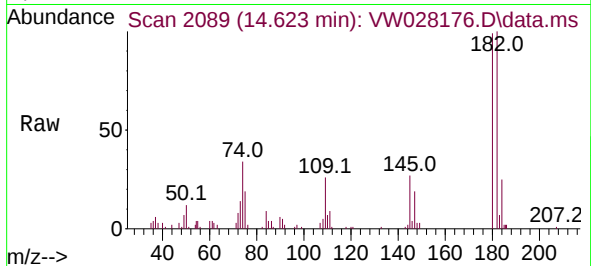
Ion Ratio Lower Upper

180 100

182 97.7 76.6 114.8

184 30.2 23.5 35.3

145 31.9 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 2.407 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

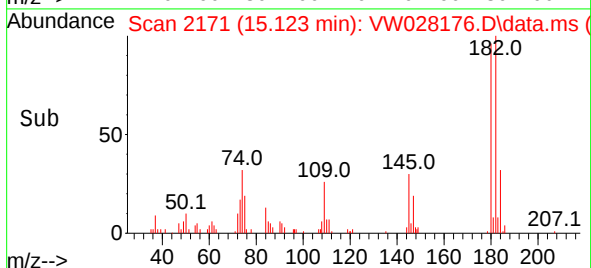
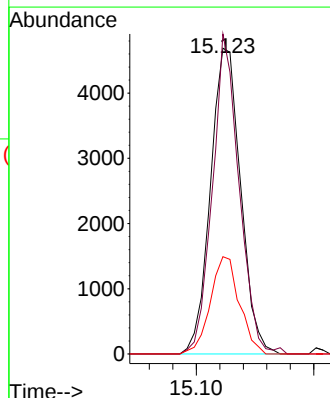
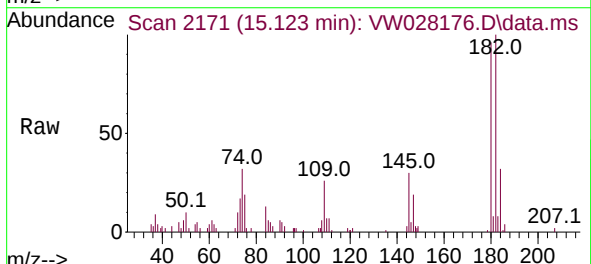
Tgt Ion:180 Resp: 8371

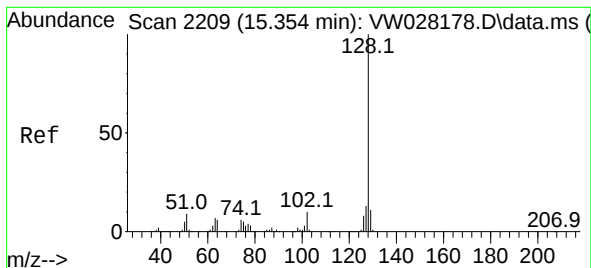
Ion Ratio Lower Upper

180 100

182 91.7 73.8 110.8

145 30.6 25.0 37.6





#71

Naphthalene

Concen: 2.314 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW028176.D

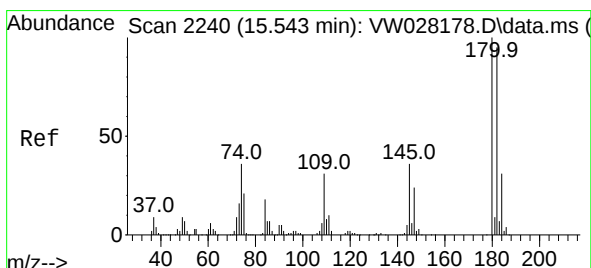
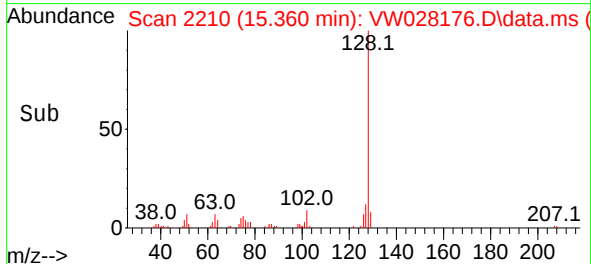
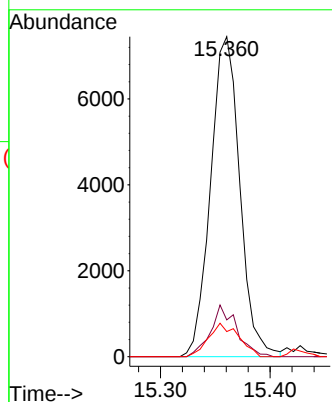
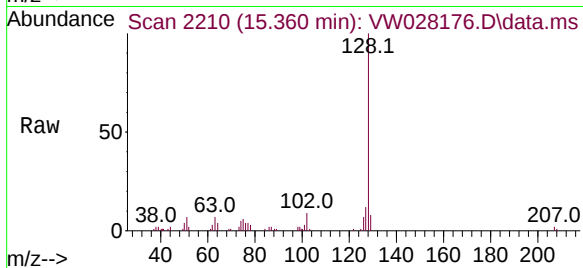
Acq: 14 Mar 2024 13:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	13813
Ion Ratio	Lower	Upper
128	100	
127	14.5	10.9 16.3
129	10.8	8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 2.521 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028176.D

Acq: 14 Mar 2024 13:15

Tgt Ion:180	Resp:	7228
Ion Ratio	Lower	Upper
180	100	
182	88.9	76.0 114.0
145	32.4	27.1 40.7

