

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082624\
 Data File : VW030026.D
 Acq On : 26 Aug 2024 13:14
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 27 05:16:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 27 05:12:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	313774	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	287528	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	137921	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	425449	91.115	ug/L	0.00
7) Chloroethane-d5	2.893	69	314521	94.907	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	186763	93.618	ug/L	0.00
21) 2-Butanone-d5	7.075	46	202893	218.019	ug/L	0.00
24) Chloroform-d	7.648	84	835237	98.709	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	423833	98.645	ug/L	0.00
32) Benzene-d6	8.276	84	1624531	95.719	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	493185	99.184	ug/L	0.00
41) Toluene-d8	10.319	98	1512793	97.930	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	219821	107.470	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	179138	235.390	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	377924	103.229	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	480215	96.262	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	385793	113.168	ug/L	99
3) Chloromethane	2.229	50	454206	108.267	ug/L	95
5) Vinyl chloride	2.375	62	491205	99.059	ug/L	95
6) Bromomethane	2.789	94	312561	101.430	ug/L	94
8) Chloroethane	2.936	64	288104	100.827	ug/L	99
9) Trichlorofluoromethane	3.265	101	452954	105.486	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	181342	45.799	ug/L #	1
12) 1,1-Dichloroethene	4.045	96	400251	99.663	ug/L	95
13) Acetone	4.125	43	181642	214.541	ug/L	98
14) Carbon disulfide	4.393	76	1313541	105.278	ug/L	97
15) Methyl Acetate	4.667	43	179323	108.835	ug/L	99
16) Methylene chloride	4.923	84	429517	82.864	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	455660	102.441	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	707229	103.968	ug/L	100
19) 1,1-Dichloroethane	6.216	63	829752	100.387	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	499153	101.532	ug/L	88
22) 2-Butanone	7.173	43	259020	216.623	ug/L	99
23) Bromochloromethane	7.514	128	210119	100.766	ug/L	97
25) Chloroform	7.673	83	845043	99.951	ug/L	99
27) 1,2-Dichloroethane	8.398	62	539849	99.754	ug/L	100
29) Cyclohexane	7.959	56	709809	102.881	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	660900	98.136	ug/L	99
31) Carbon tetrachloride	8.069	117	607479	100.402	ug/L	98
33) Benzene	8.325	78	1799002	97.656	ug/L	100
34) Trichloroethene	9.087	95	495708	99.931	ug/L	99
35) Methylcyclohexane	9.337	83	796553	98.045	ug/L	98
37) 1,2-Dichloropropane	9.368	63	466399	99.979	ug/L	99
38) Bromodichloromethane	9.648	83	602720	102.398	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	778339	108.402	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	521762	224.691	ug/L	100
42) Toluene	10.386	91	1973245	100.583	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	640796	110.291	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082624\
 Data File : VW030026.D
 Acq On : 26 Aug 2024 13:14
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 27 05:16:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 27 05:12:50 2024
 Response via : Initial Calibration

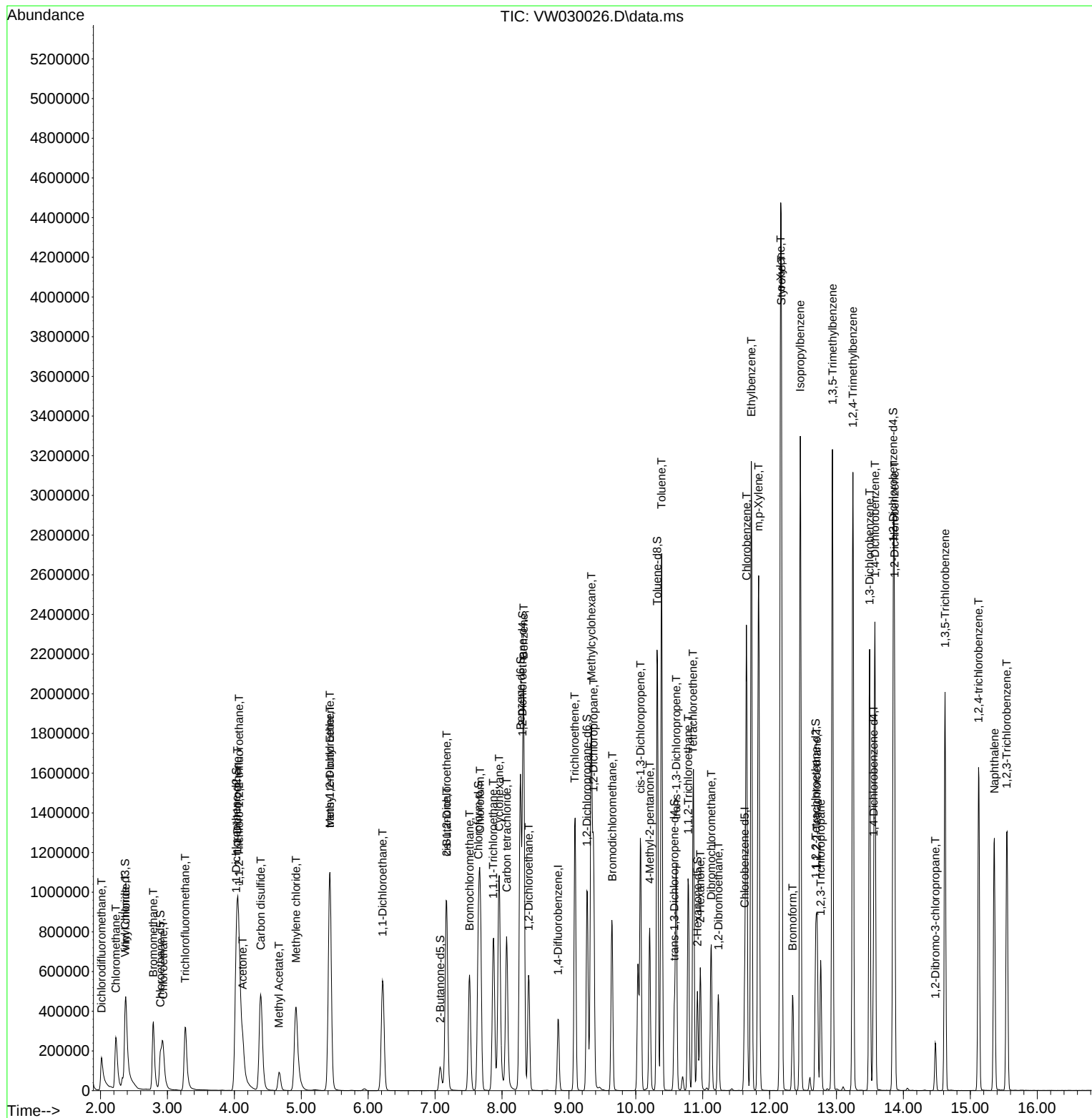
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	343248	100.390	ug/L	98
46) Tetrachloroethene	10.855	164	360263	95.688	ug/L	95
48) 2-Hexanone	10.965	43	368143	223.010	ug/L	97
49) Dibromochloromethane	11.129	129	387995	106.799	ug/L	97
50) 1,2-Dibromoethane	11.233	107	334179	104.631	ug/L	96
51) Chlorobenzene	11.654	112	1228179	97.911	ug/L	96
52) Ethylbenzene	11.727	91	2220045	99.873	ug/L	99
53) m,p-Xylene	11.837	106	847100	102.116	ug/L	97
54) o-Xylene	12.166	106	815301	102.399	ug/L	93
55) Styrene	12.178	104	1404666	105.295	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	400064	103.903	ug/L	98
59) Bromoform	12.343	173	224174	109.147	ug/L	94
60) Isopropylbenzene	12.458	105	2172342	98.725	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	280467	100.012	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1762303	107.714	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1735328	100.629	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	890428	94.924	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	885863	93.482	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	815390	97.170	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	64493	107.436	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	586510	95.768	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	542128	102.277	ug/L	95
71) Naphthalene	15.360	128	1098100	108.490	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	452306	97.216	ug/L	99

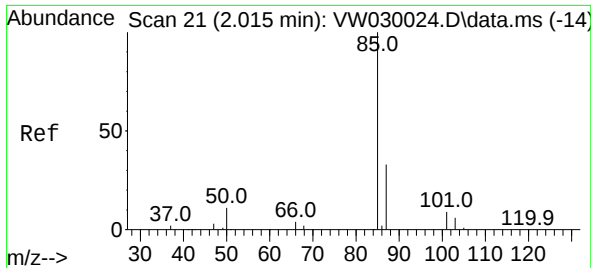
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082624\
Data File : VW030026.D
Acq On : 26 Aug 2024 13:14
Operator : SY/MD
Sample : VSTD100
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 27 05:16:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Aug 27 05:12:50 2024
Response via : Initial Calibration

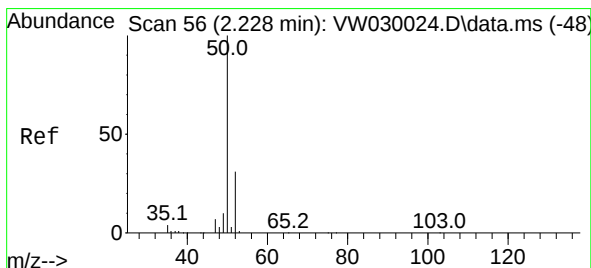
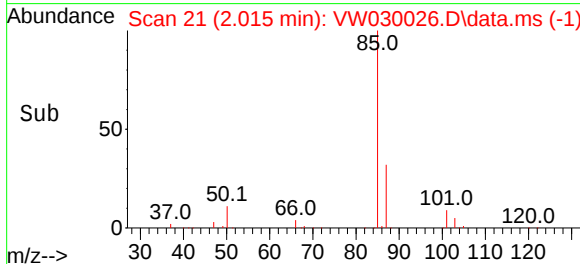
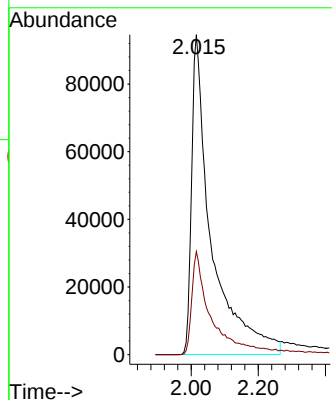
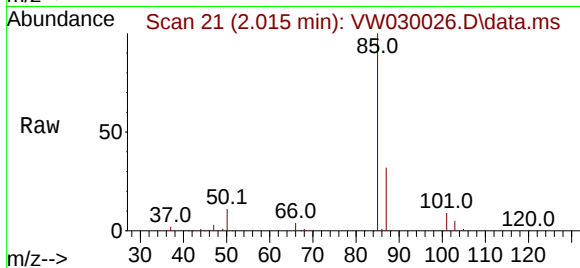




#2
 Dichlorodifluoromethane
 Concen: 113.168 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030026.D
 Acq: 26 Aug 2024 13:14

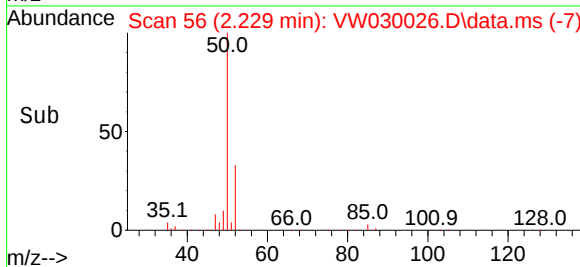
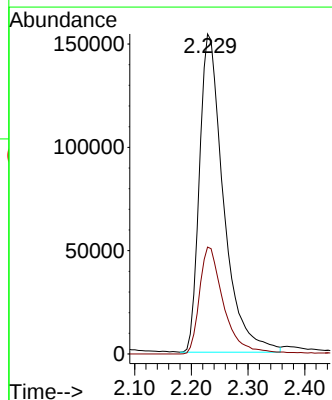
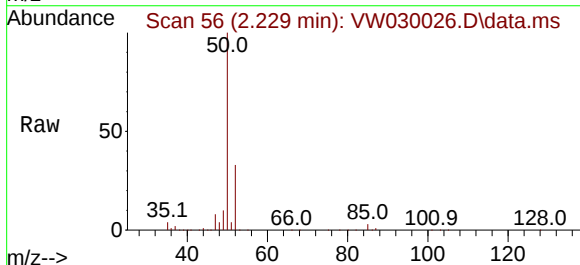
Instrument :
 MSVOA_W
 ClientSampleId :

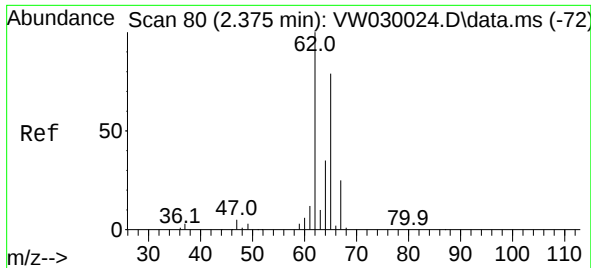
Tgt Ion: 85 Resp: 385793
 Ion Ratio Lower Upper
 85 100
 87 30.7 24.2 36.2



#3
 Chloromethane
 Concen: 108.267 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW030026.D
 Acq: 26 Aug 2024 13:14

Tgt Ion: 50 Resp: 454206
 Ion Ratio Lower Upper
 50 100
 52 33.4 21.6 40.2

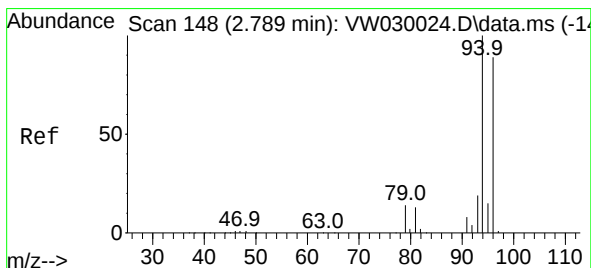
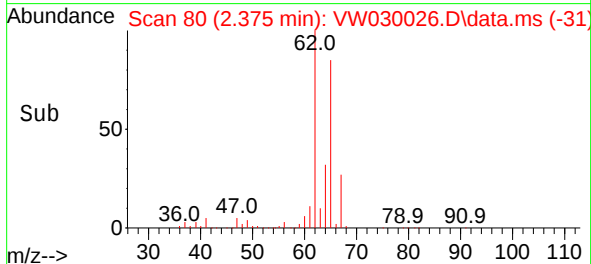
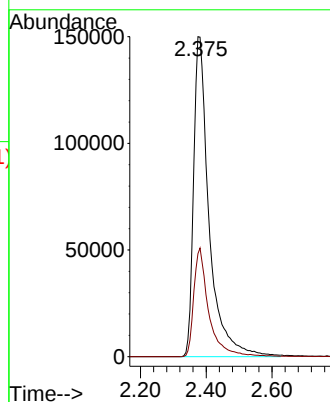
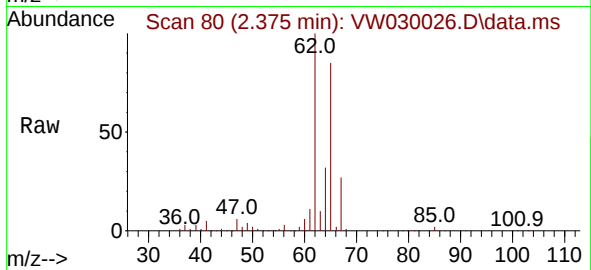




#5
 Vinyl chloride
 Concen: 99.059 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030026.D
 Acq: 26 Aug 2024 13:14

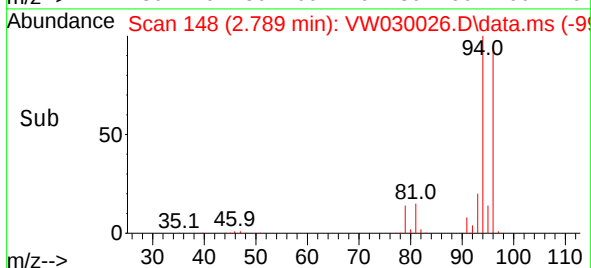
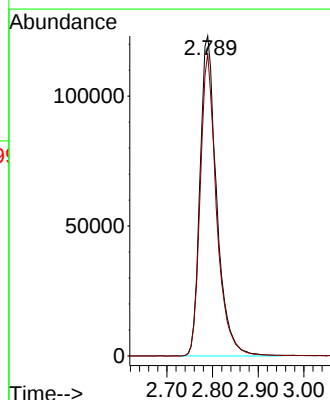
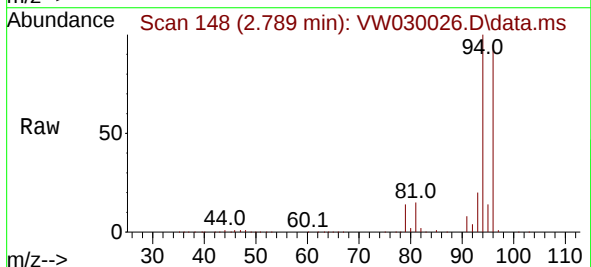
Instrument :
 MSVOA_W
 ClientSampleId :

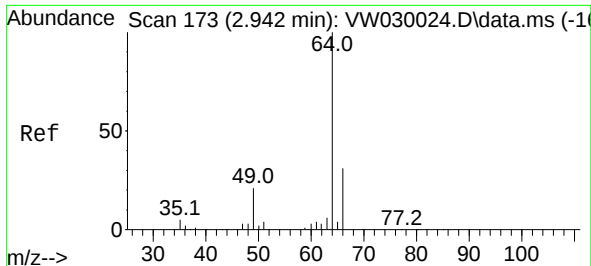
Tgt Ion: 62 Resp: 491205
 Ion Ratio Lower Upper
 62 100
 64 32.2 24.4 45.4



#6
 Bromomethane
 Concen: 101.430 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030026.D
 Acq: 26 Aug 2024 13:14

Tgt Ion: 94 Resp: 312561
 Ion Ratio Lower Upper
 94 100
 96 94.5 62.4 115.8

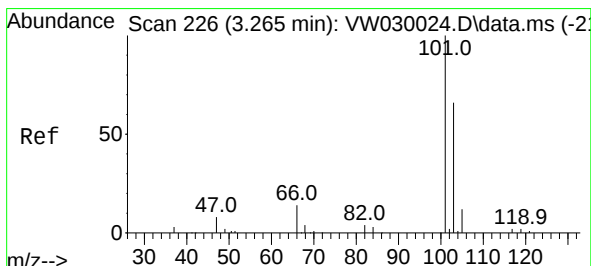
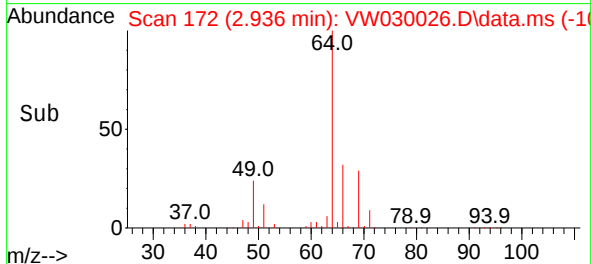
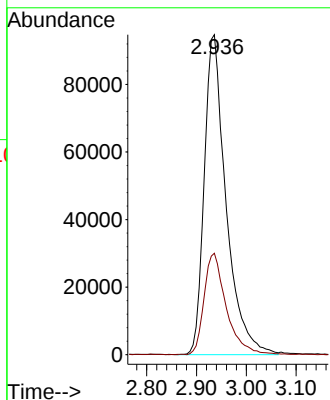
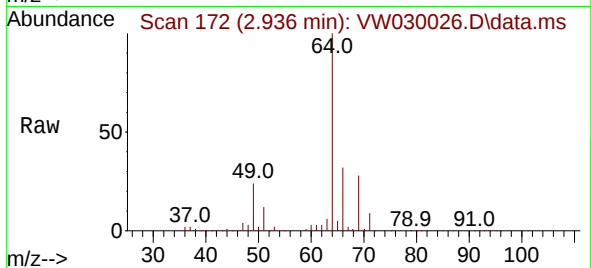




#8
Chloroethane
Concen: 100.827 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW030026.D
Acq: 26 Aug 2024 13:14

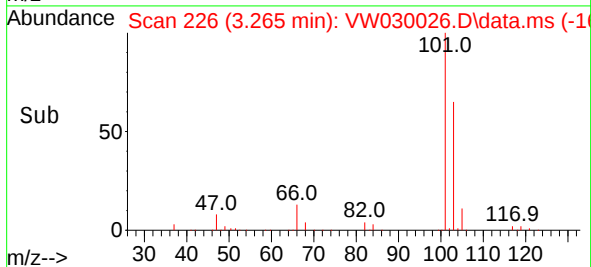
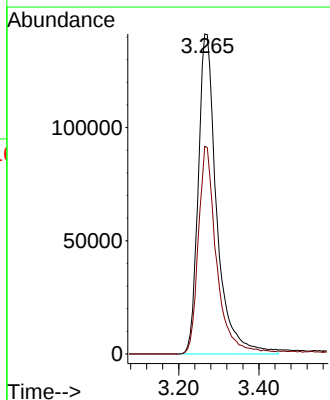
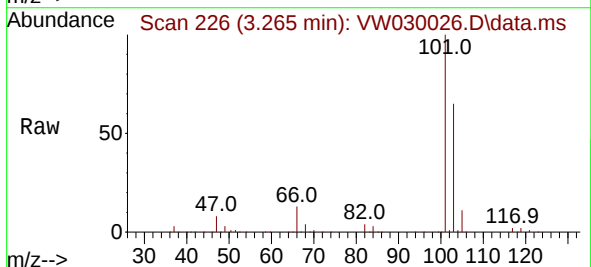
Instrument :
MSVOA_W
ClientSampleId :

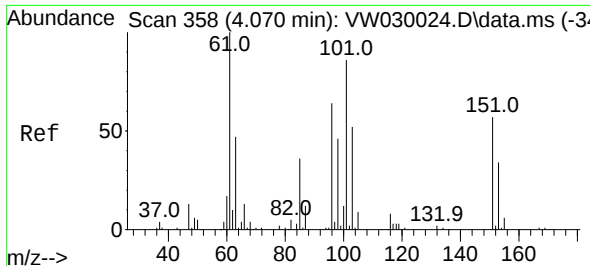
Tgt Ion: 64 Resp: 288104
Ion Ratio Lower Upper
64 100
66 31.7 21.7 40.3



#9
Trichlorofluoromethane
Concen: 105.486 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW030026.D
Acq: 26 Aug 2024 13:14

Tgt Ion:101 Resp: 452954
Ion Ratio Lower Upper
101 100
103 63.4 50.7 76.1





#10

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

Concen: 45.799 ug/L

RT: 4.070 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

Instrument :

MSVOA_W

ClientSampleId :

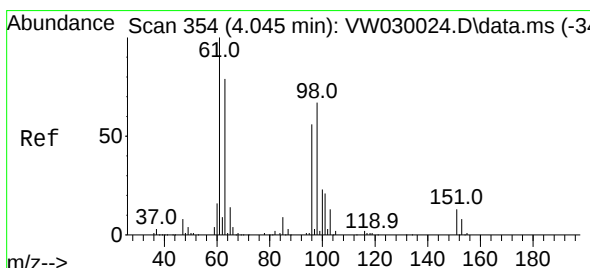
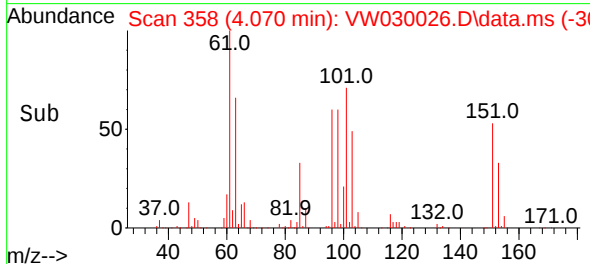
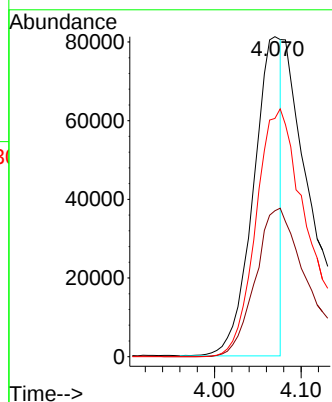
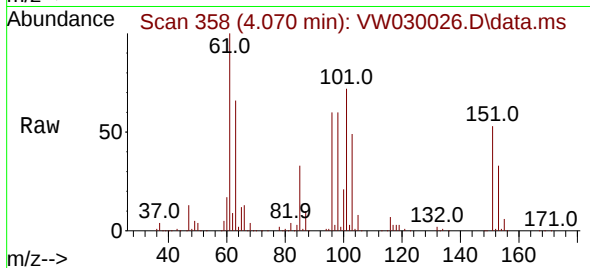
Tgt Ion:101 Resp: 181342

Ion Ratio Lower Upper

101 100

85 94.9 34.7 52.1#

151 158.8 54.8 82.2#



#12

1,1-Dichloroethene

Concen: 99.663 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

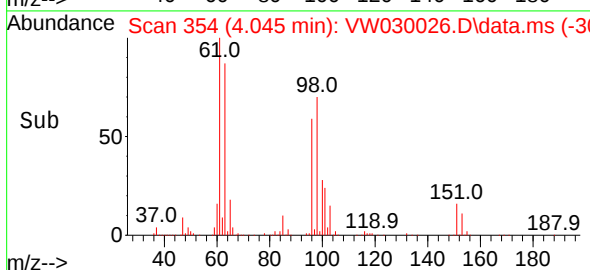
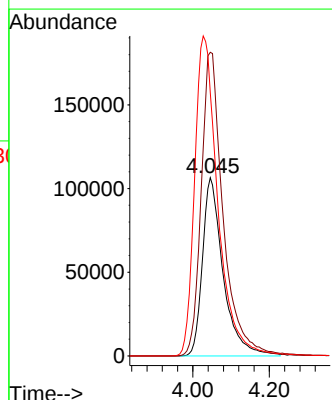
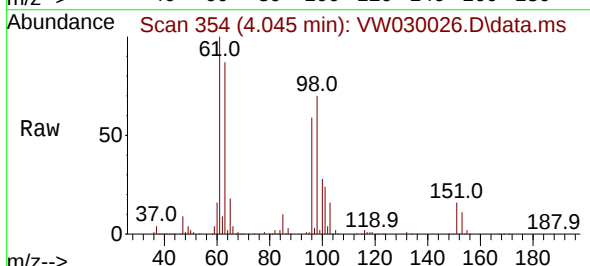
Tgt Ion: 96 Resp: 400251

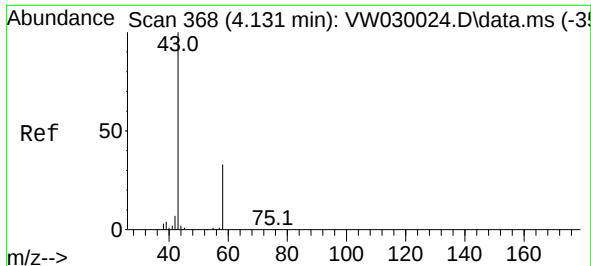
Ion Ratio Lower Upper

96 100

61 170.4 126.0 234.0

63 147.8 101.8 189.2

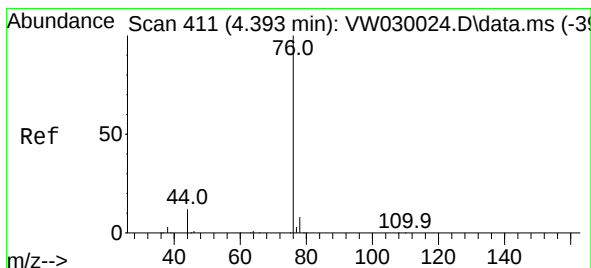
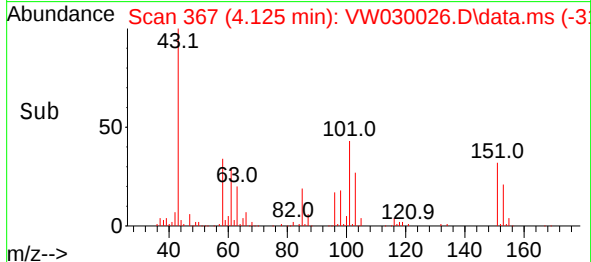
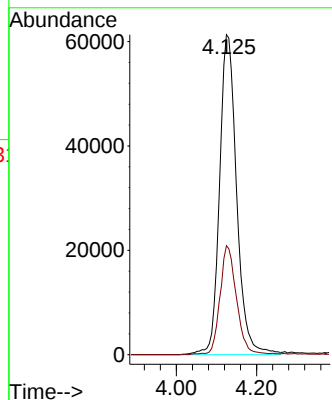
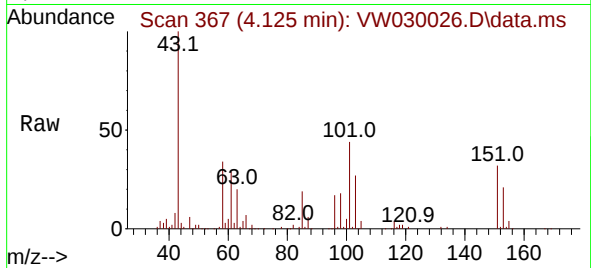




#13
Acetone
Concen: 214.541 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.006 min
Lab File: VW030026.D
Acq: 26 Aug 2024 13:14

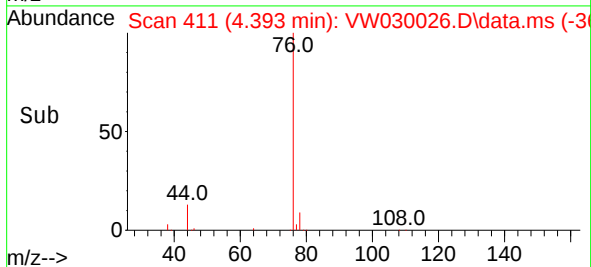
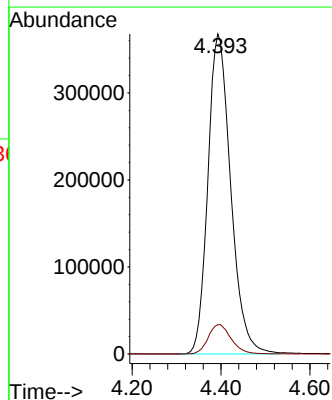
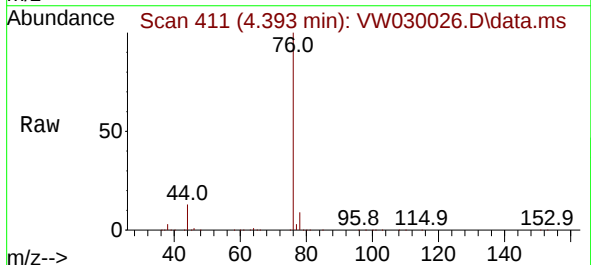
Instrument :
MSVOA_W
ClientSampleId :

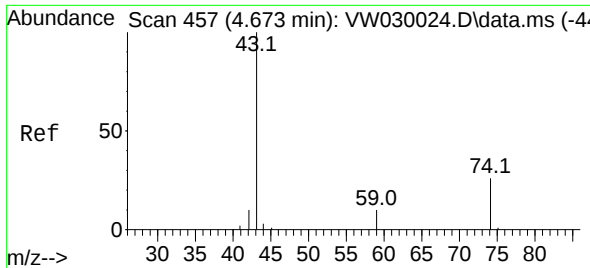
Tgt Ion: 43 Resp: 181642
Ion Ratio Lower Upper
43 100
58 32.3 0.0 66.4



#14
Carbon disulfide
Concen: 105.278 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW030026.D
Acq: 26 Aug 2024 13:14

Tgt Ion: 76 Resp: 1313541
Ion Ratio Lower Upper
76 100
78 9.1 6.6 9.8

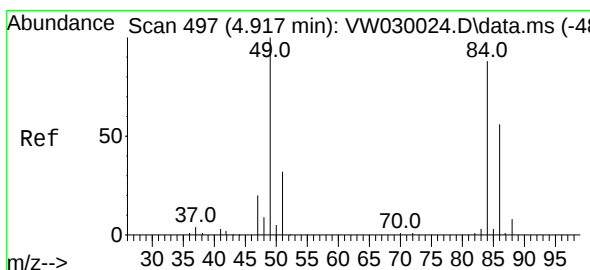
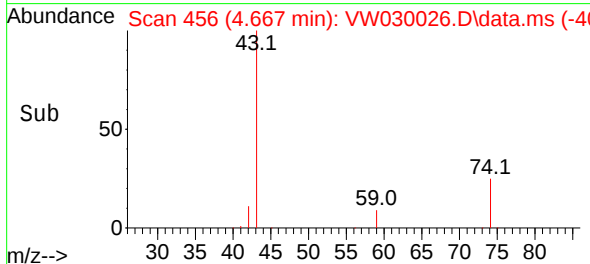
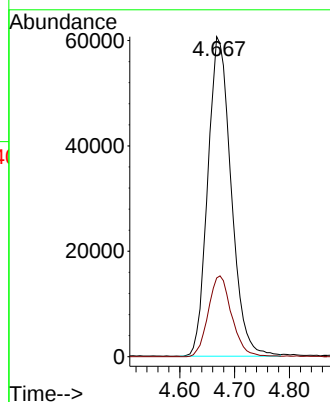
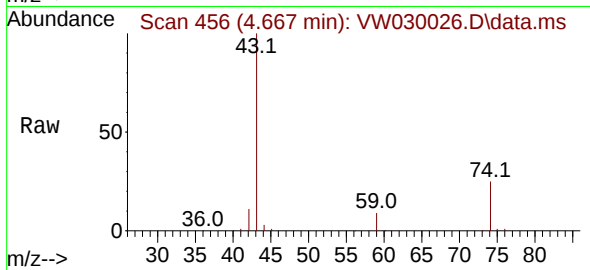




#15
Methyl Acetate
Concen: 108.835 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW030026.D
Acq: 26 Aug 2024 13:14

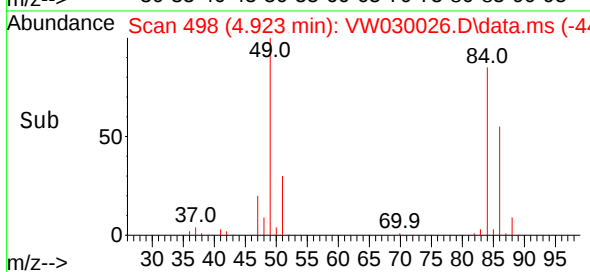
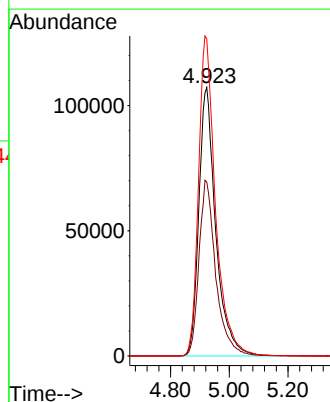
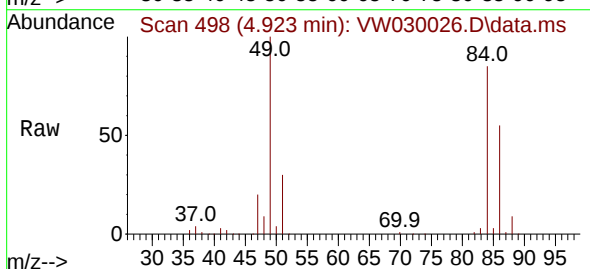
Instrument :
MSVOA_W
ClientSampleId :

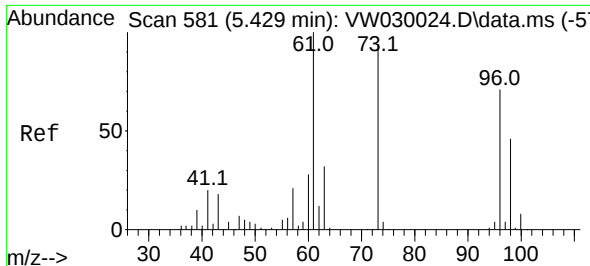
Tgt Ion: 43 Resp: 179323
Ion Ratio Lower Upper
43 100
74 25.3 19.9 29.9



#16
Methylene chloride
Concen: 82.864 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030026.D
Acq: 26 Aug 2024 13:14

Tgt Ion: 84 Resp: 429517
Ion Ratio Lower Upper
84 100
86 64.8 44.2 82.2
49 118.1 79.9 148.3





#17

trans-1,2-Dichloroethene

Concen: 102.441 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

Instrument :

MSVOA_W

ClientSampleId :

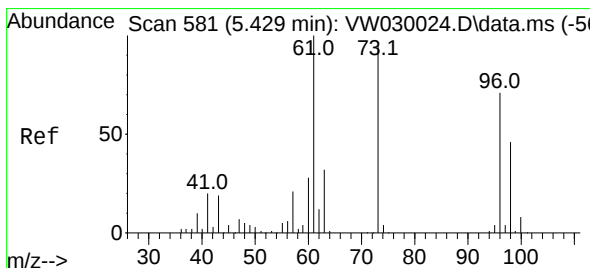
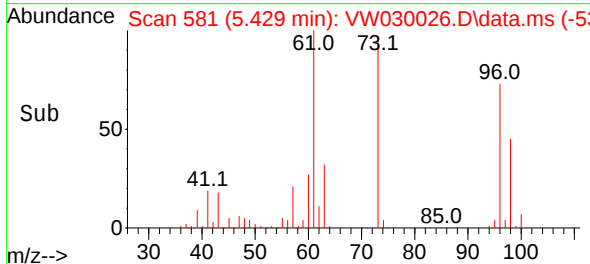
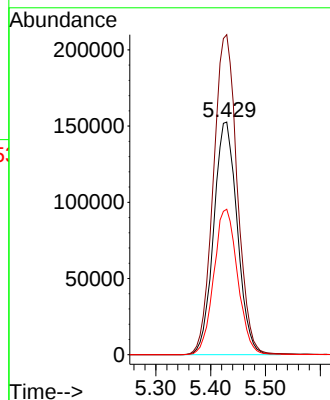
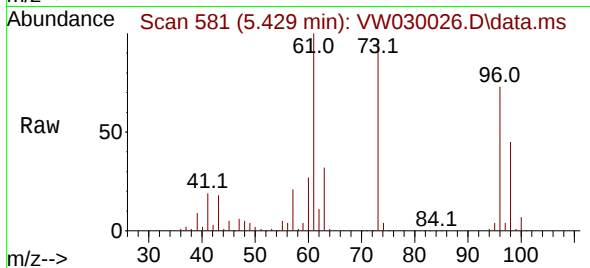
Tgt Ion: 96 Resp: 455660

Ion Ratio Lower Upper

96 100

61 137.5 98.3 182.7

98 62.5 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 103.968 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

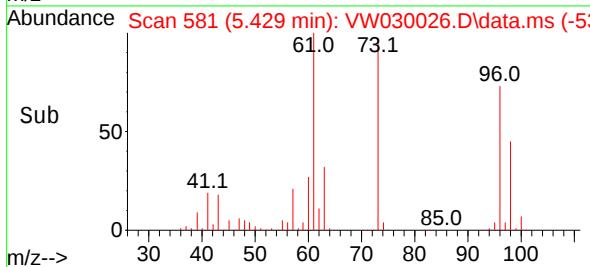
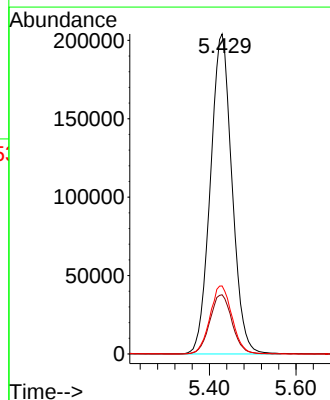
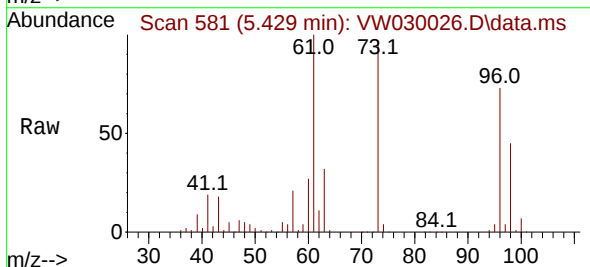
Tgt Ion: 73 Resp: 707229

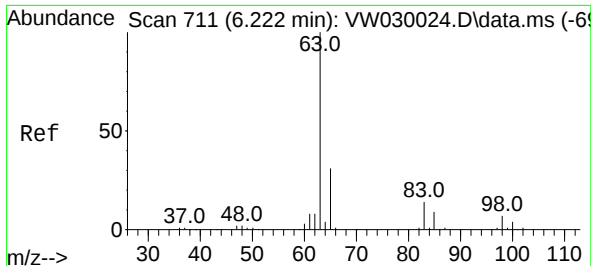
Ion Ratio Lower Upper

73 100

43 18.9 15.4 23.2

57 21.8 17.4 26.0





#19

1,1-Dichloroethane

Concen: 100.387 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

Instrument :

MSVOA_W

ClientSampleId :

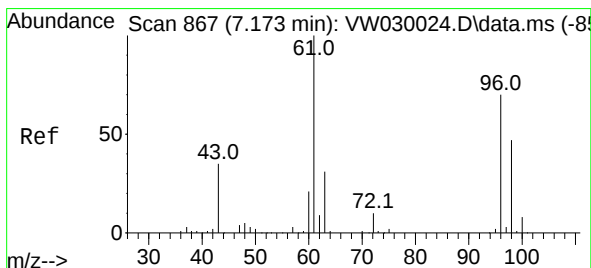
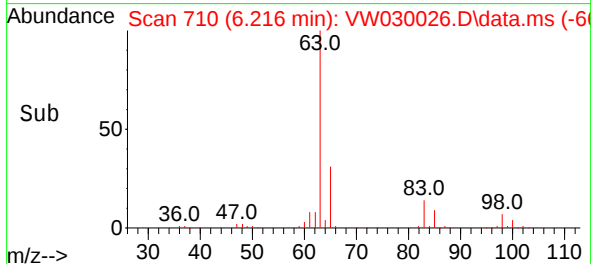
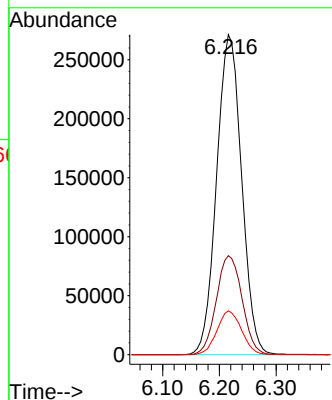
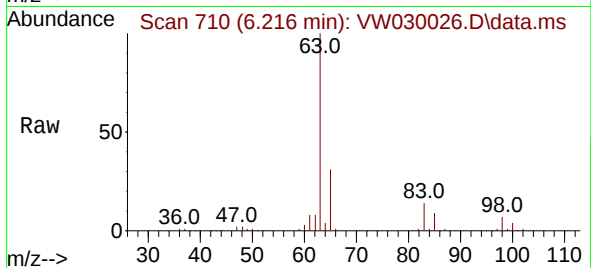
Tgt Ion: 63 Resp: 829752

Ion Ratio Lower Upper

63 100

65 30.9 21.6 40.0

83 13.7 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 101.532 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

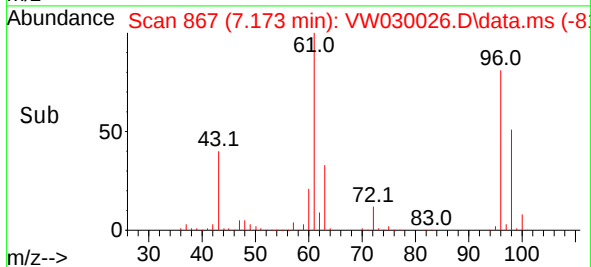
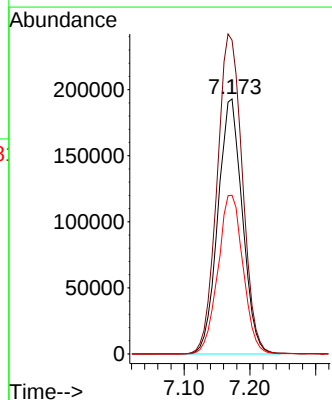
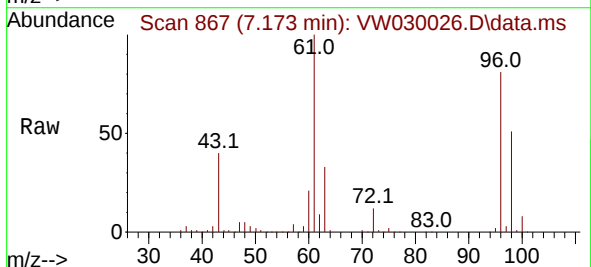
Tgt Ion: 96 Resp: 499153

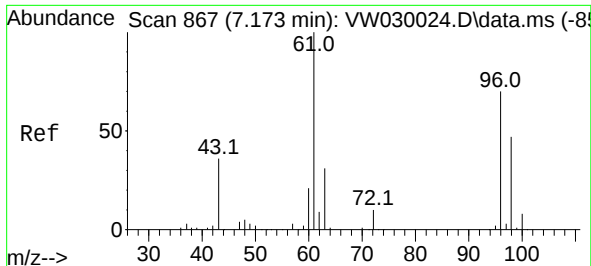
Ion Ratio Lower Upper

96 100

61 123.0 99.6 185.0

98 62.2 46.5 86.5





#22

2-Butanone

Concen: 216.623 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

Instrument :

MSVOA_W

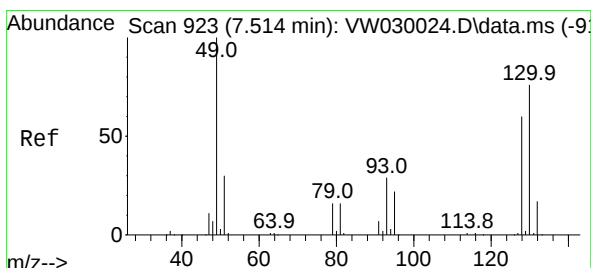
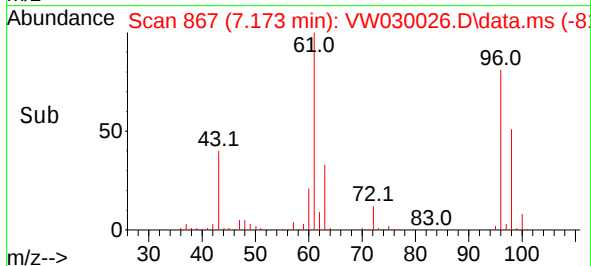
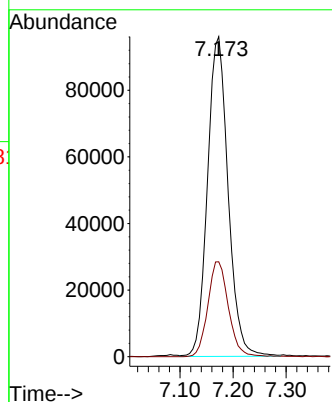
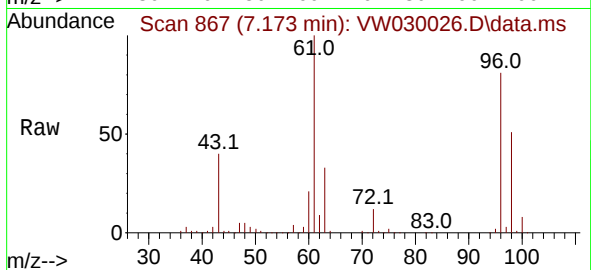
ClientSampleId :

Tgt Ion: 43 Resp: 259020

Ion Ratio Lower Upper

43 100

72 29.6 15.0 45.1



#23

Bromochloromethane

Concen: 100.766 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

Tgt Ion: 128 Resp: 210119

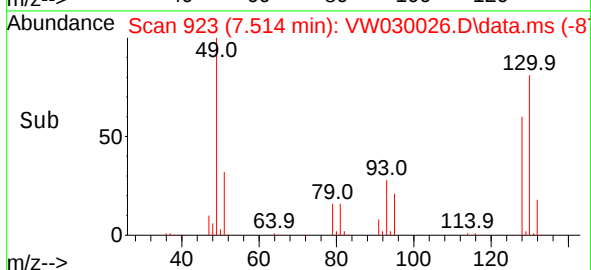
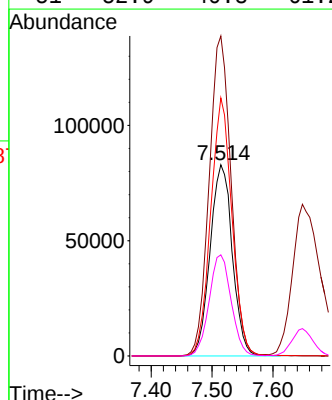
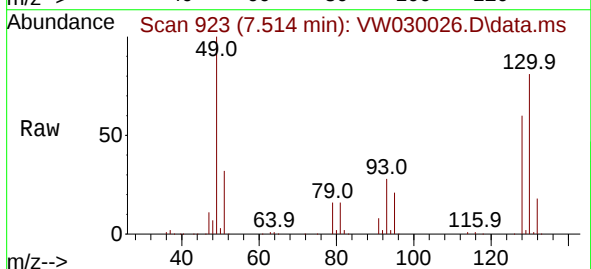
Ion Ratio Lower Upper

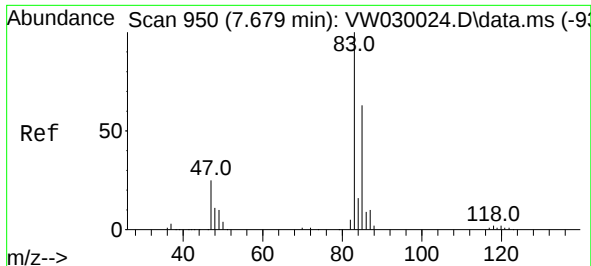
128 100

49 167.4 117.3 217.9

130 135.0 89.3 165.9

51 52.9 40.8 61.2





#25

Chloroform

Concen: 99.951 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

Instrument :

MSVOA_W

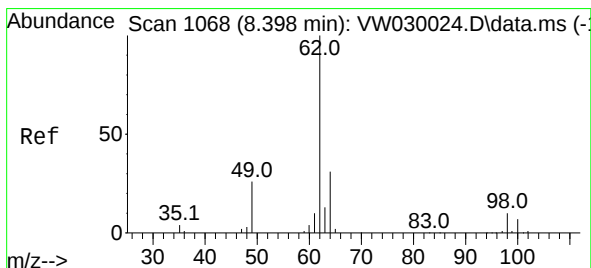
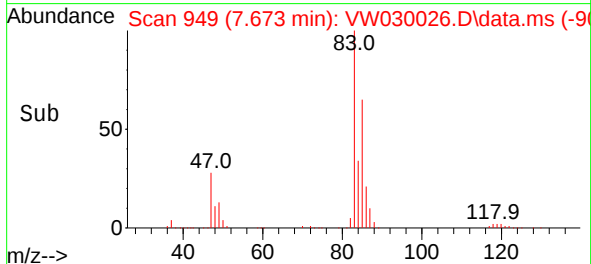
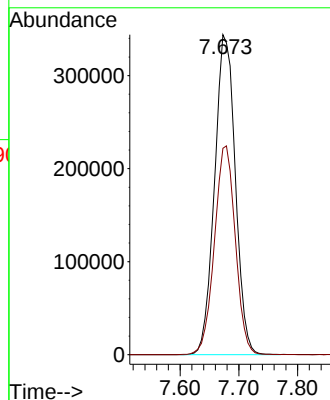
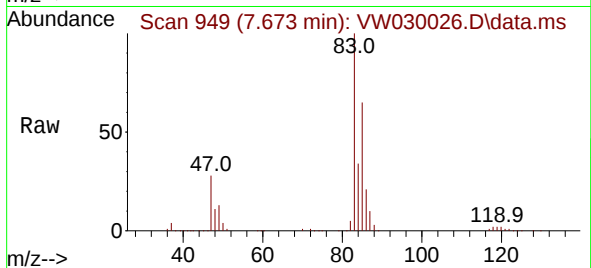
ClientSampleId :

Tgt Ion: 83 Resp: 845043

Ion Ratio Lower Upper

83 100

85 64.5 44.4 82.4



#27

1,2-Dichloroethane

Concen: 99.754 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030026.D

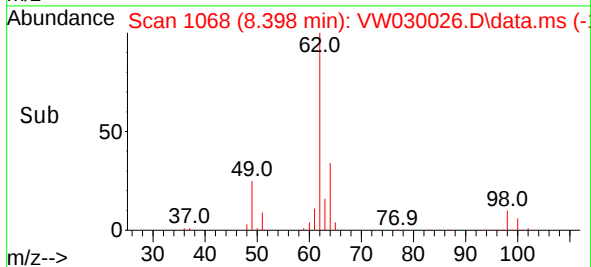
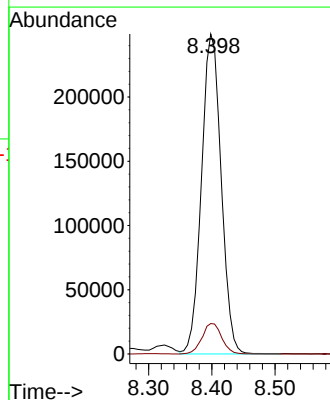
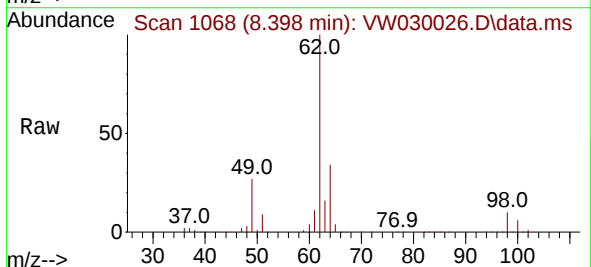
Acq: 26 Aug 2024 13:14

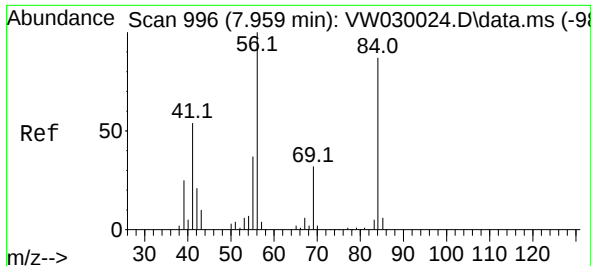
Tgt Ion: 62 Resp: 539849

Ion Ratio Lower Upper

62 100

98 9.5 7.7 11.5





#29

Cyclohexane

Concen: 102.881 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

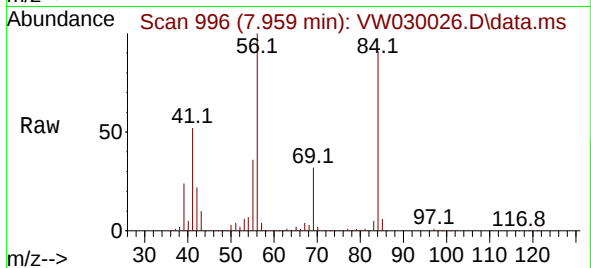
Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

Instrument :

MSVOA_W

ClientSampleId :



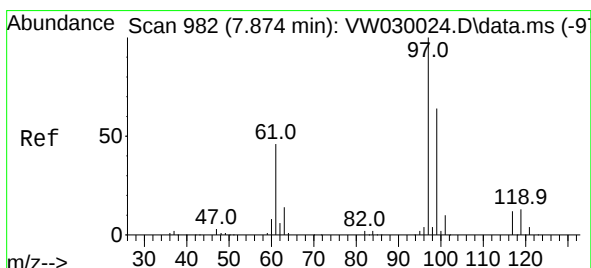
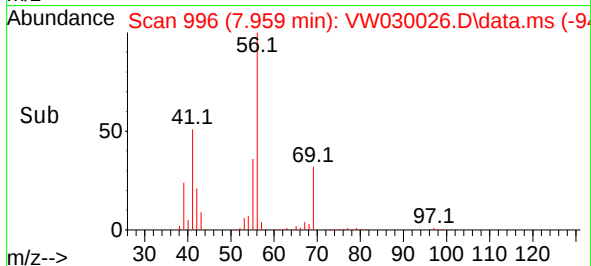
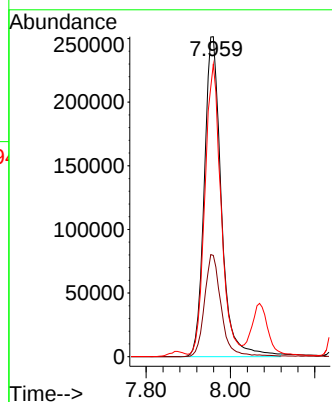
Tgt Ion: 56 Resp: 709809

Ion Ratio Lower Upper

56 100

69 30.7 24.4 36.6

84 86.2 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 98.136 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

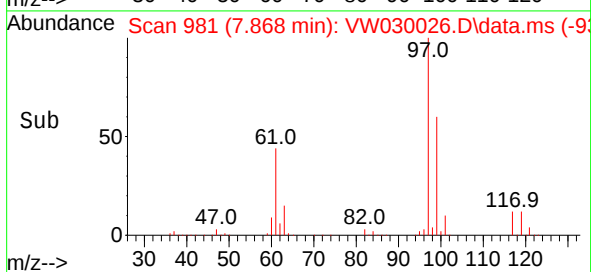
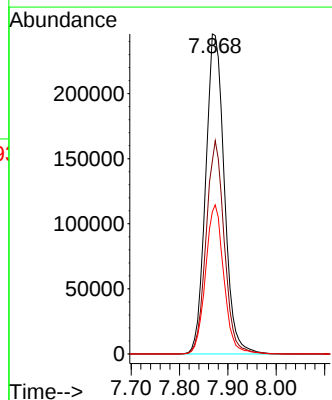
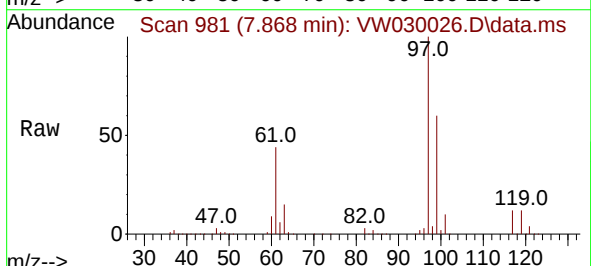
Tgt Ion: 97 Resp: 660900

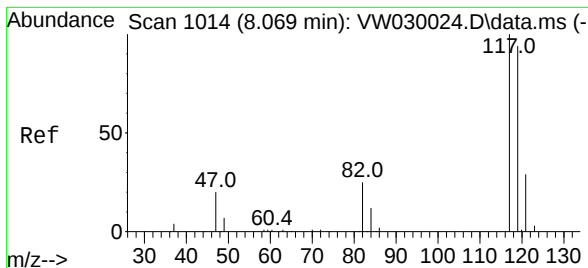
Ion Ratio Lower Upper

97 100

99 64.7 51.7 77.5

61 45.7 37.2 55.8





#31

Carbon tetrachloride

Concen: 100.402 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

Instrument :

MSVOA_W

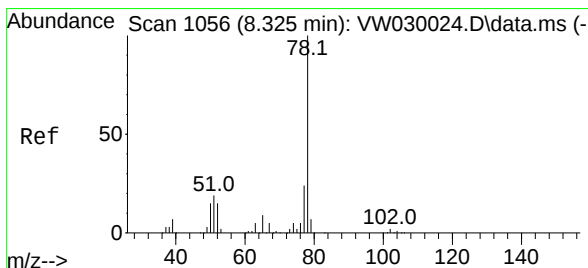
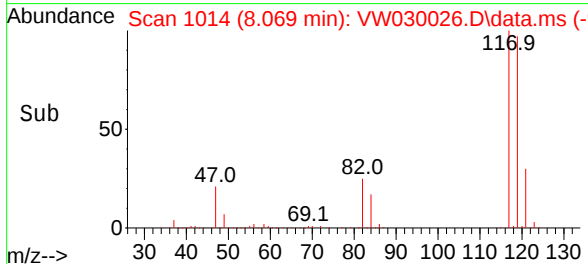
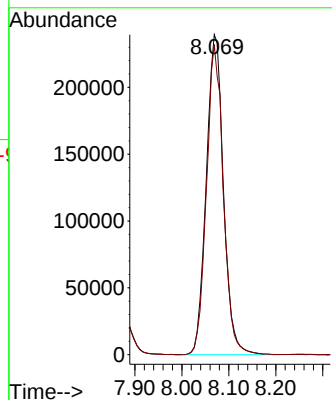
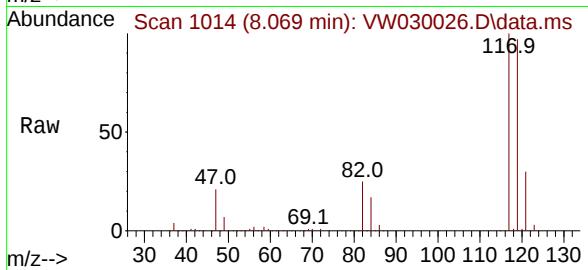
ClientSampleId :

Tgt Ion:117 Resp: 607479

Ion Ratio Lower Upper

117 100

119 95.2 77.7 116.5



#33

Benzene

Concen: 97.656 ug/L

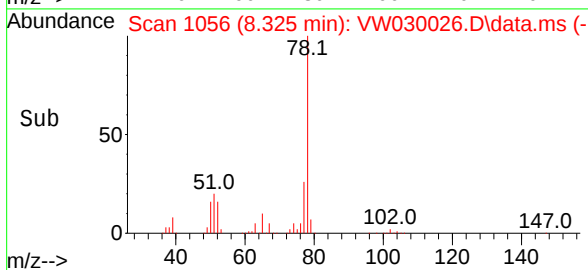
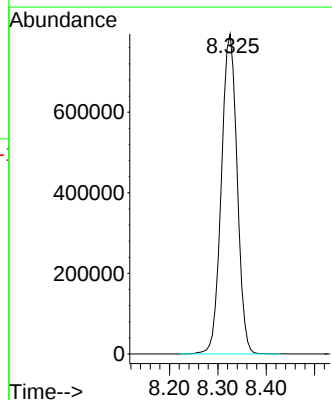
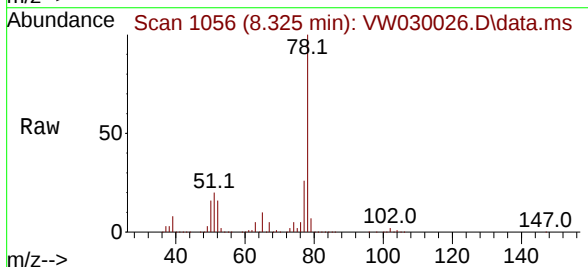
RT: 8.325 min Scan# 1056

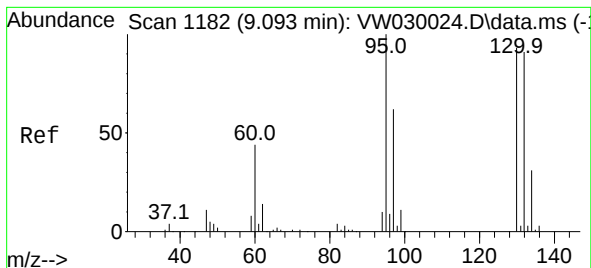
Delta R.T. 0.000 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

Tgt Ion: 78 Resp: 1799002





#34

Trichloroethene

Concen: 99.931 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 495708

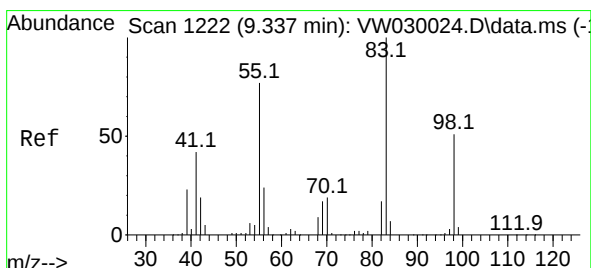
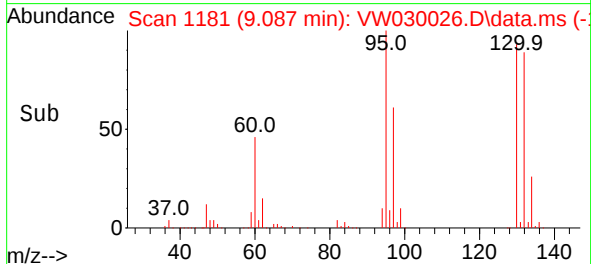
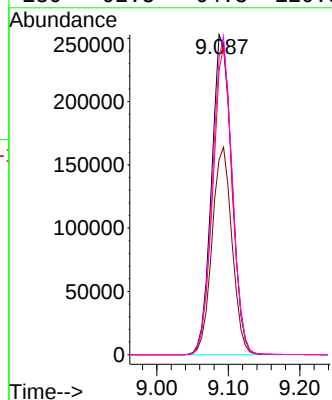
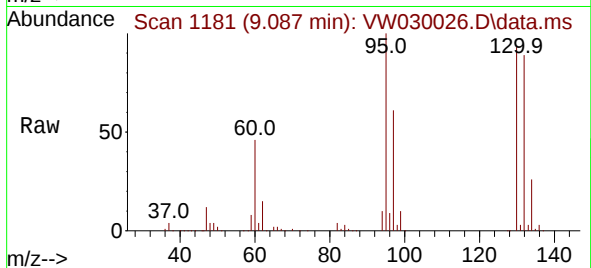
Ion Ratio Lower Upper

95 100

97 61.0 43.3 80.5

132 88.9 63.6 118.0

130 92.8 64.8 120.3



#35

Methylcyclohexane

Concen: 98.045 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

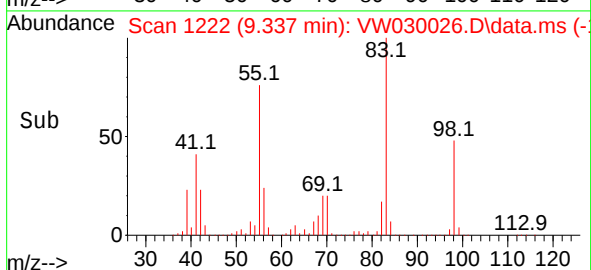
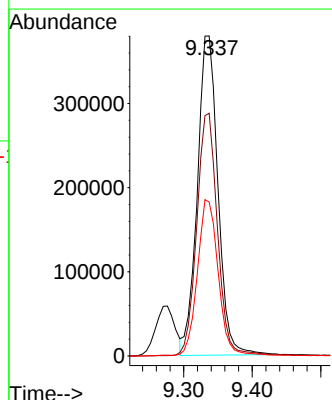
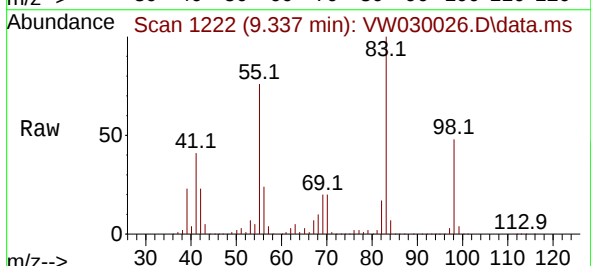
Tgt Ion: 83 Resp: 796553

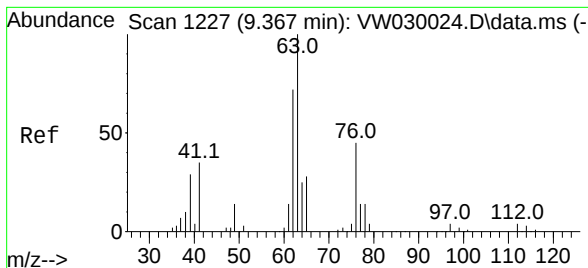
Ion Ratio Lower Upper

83 100

55 76.1 59.0 88.6

98 49.0 38.2 57.4





#37

1,2-Dichloropropane

Concen: 99.979 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

Instrument :

MSVOA_W

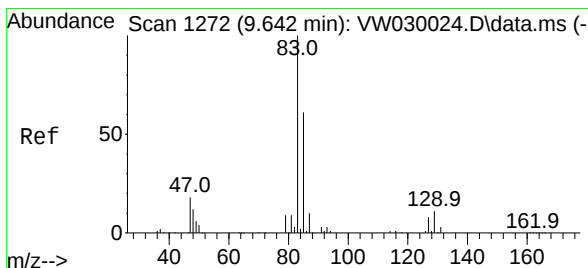
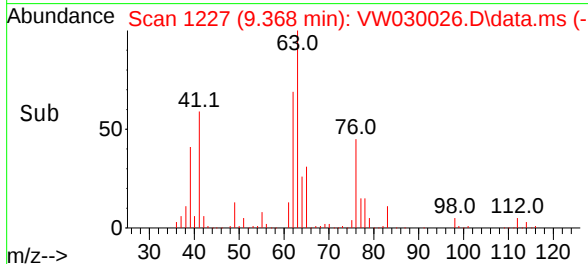
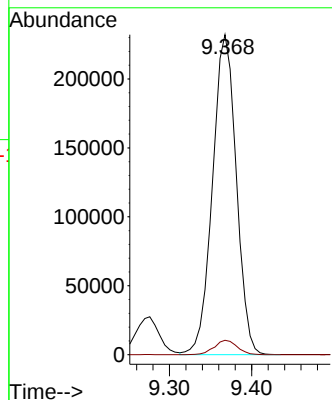
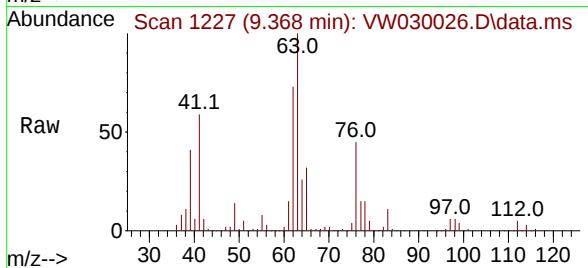
ClientSampleId :

Tgt Ion: 63 Resp: 466399

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5



#38

Bromodichloromethane

Concen: 102.398 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

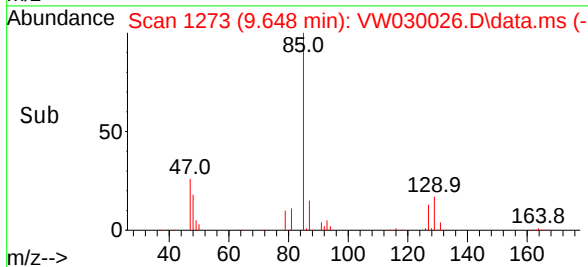
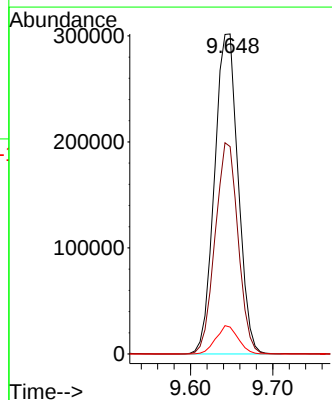
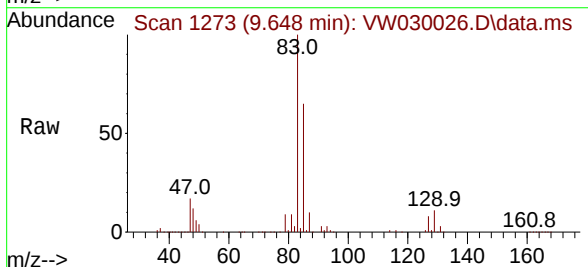
Tgt Ion: 83 Resp: 602720

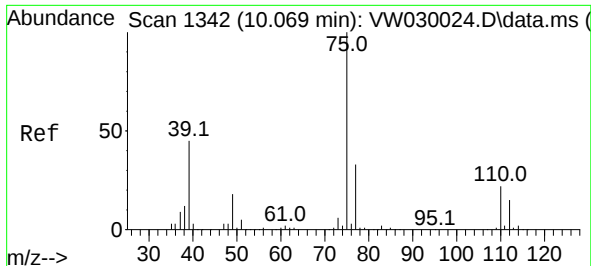
Ion Ratio Lower Upper

83 100

85 64.8 42.9 79.7

127 8.4 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 108.402 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

Instrument :

MSVOA_W

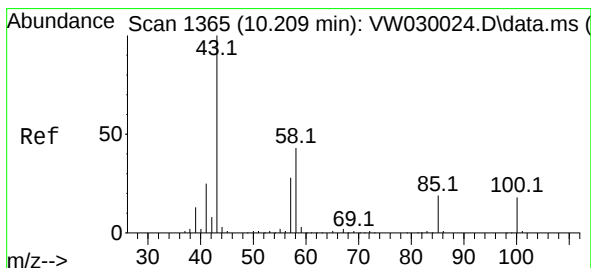
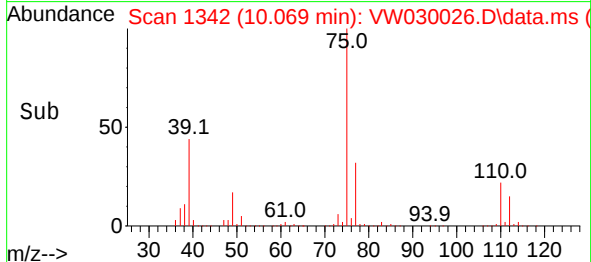
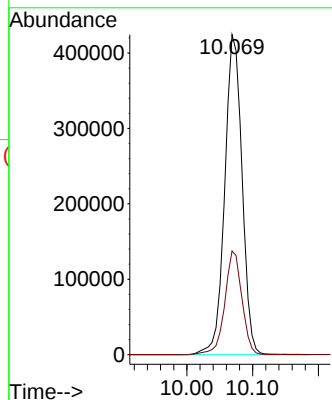
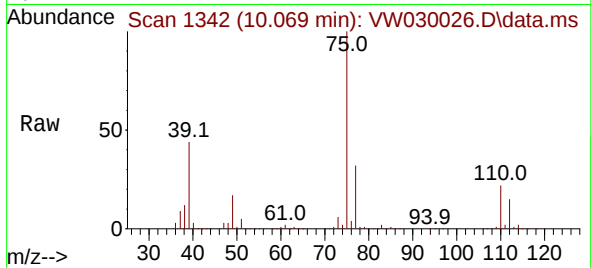
ClientSampleId :

Tgt Ion: 75 Resp: 778339

Ion Ratio Lower Upper

75 100

77 32.4 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 224.691 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

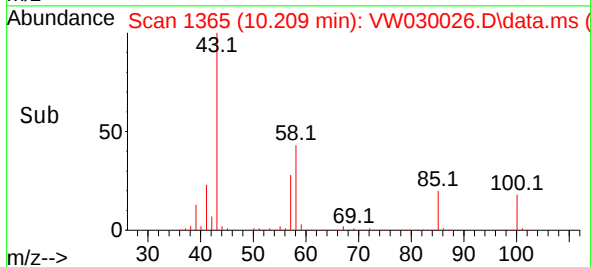
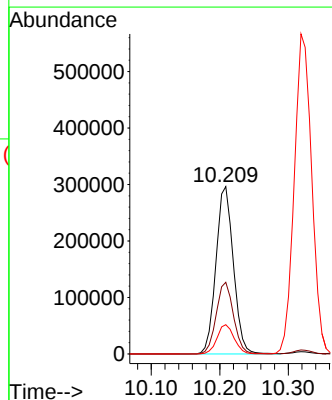
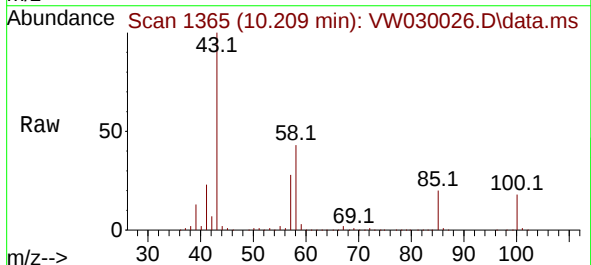
Tgt Ion: 43 Resp: 521762

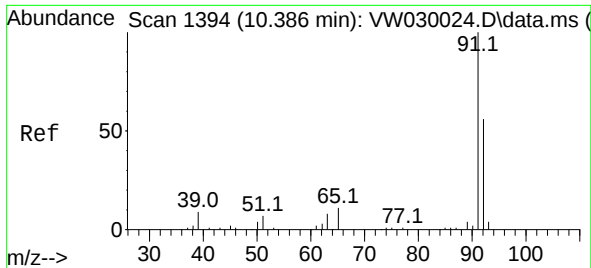
Ion Ratio Lower Upper

43 100

58 42.4 34.0 51.0

100 17.3 13.5 20.3

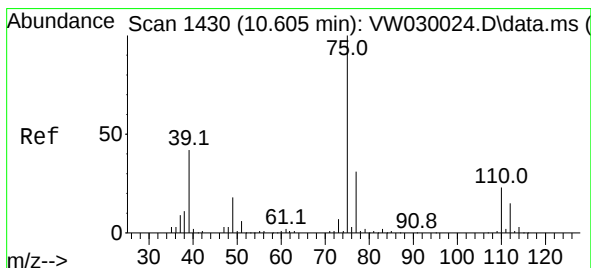
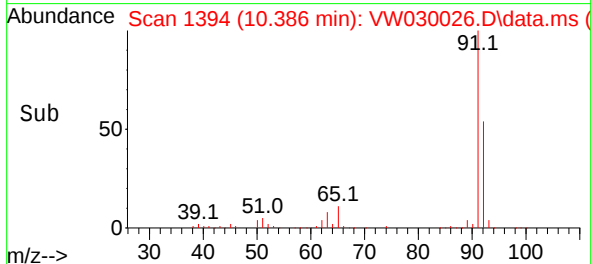
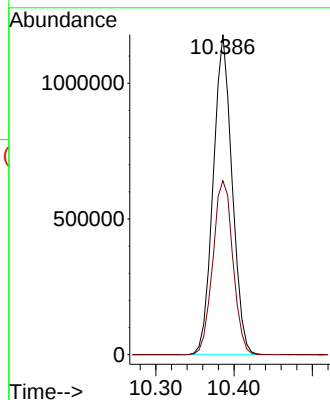
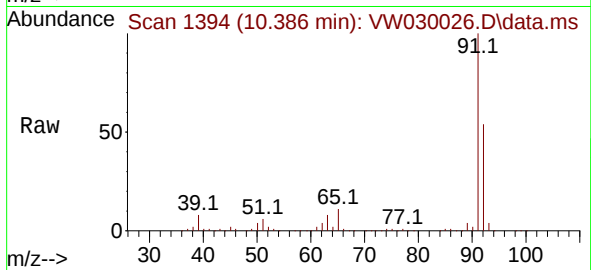




#42
Toluene
Concen: 100.583 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW030026.D
Acq: 26 Aug 2024 13:14

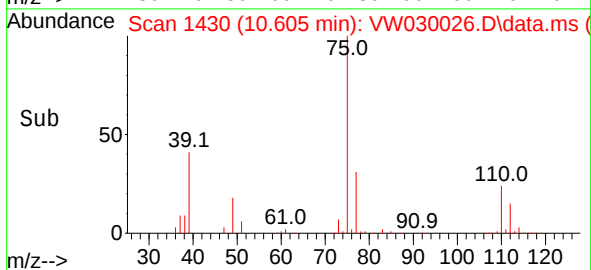
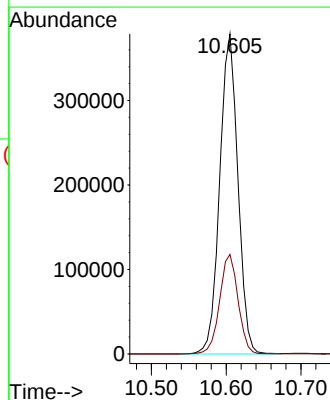
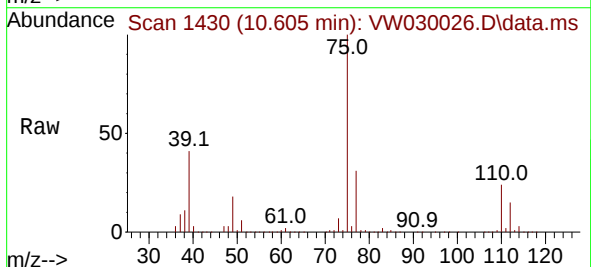
Instrument :
MSVOA_W
ClientSampleId :

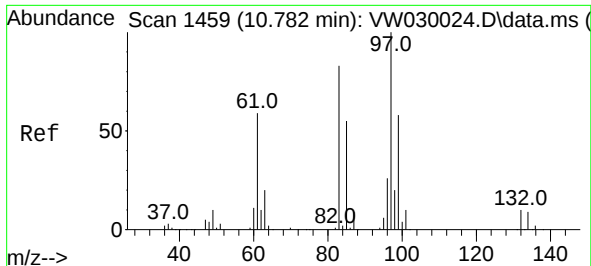
Tgt Ion: 91 Resp: 1973245
Ion Ratio Lower Upper
91 100
92 54.4 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 110.291 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030026.D
Acq: 26 Aug 2024 13:14

Tgt Ion: 75 Resp: 640796
Ion Ratio Lower Upper
75 100
77 31.1 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 100.390 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

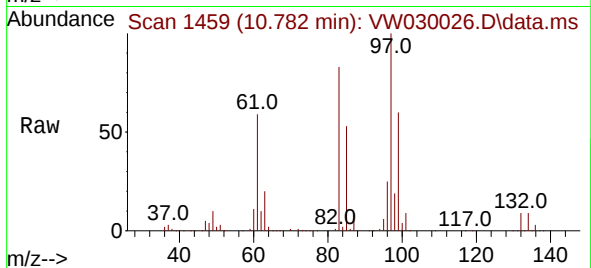
Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 343248

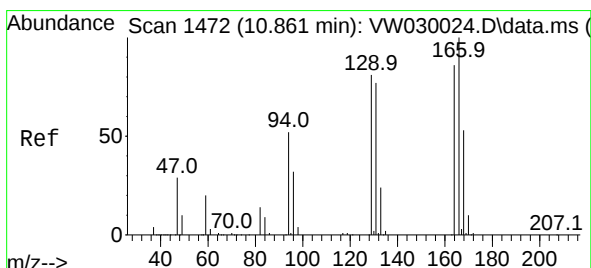
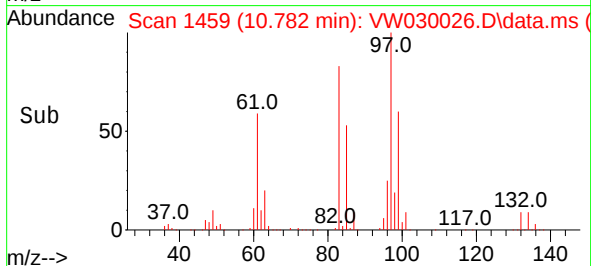
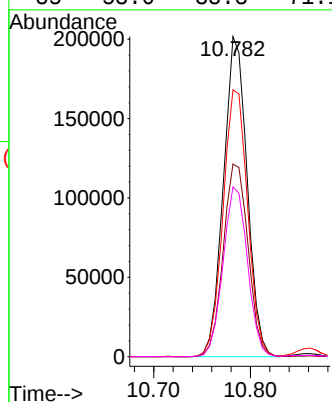
Ion Ratio Lower Upper

97 100

99 60.2 40.3 74.8

83 83.4 58.0 107.6

85 53.0 38.3 71.1



#46

Tetrachloroethene

Concen: 95.688 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

Tgt Ion:164 Resp: 360263

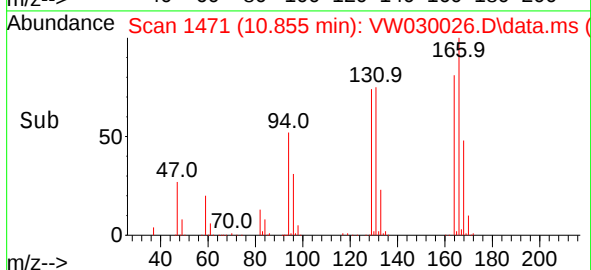
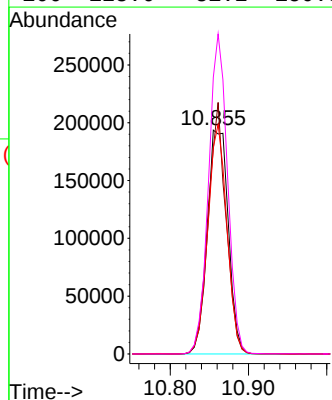
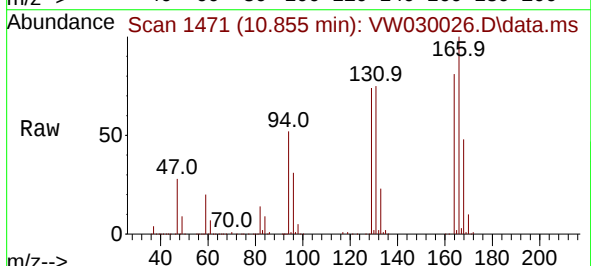
Ion Ratio Lower Upper

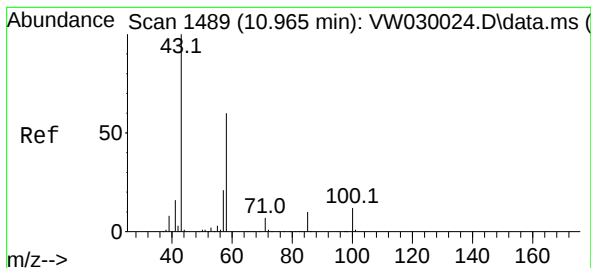
164 100

129 91.5 66.1 122.7

131 92.3 62.6 116.2

166 123.6 81.2 150.8





#48

2-Hexanone

Concen: 223.010 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 368143

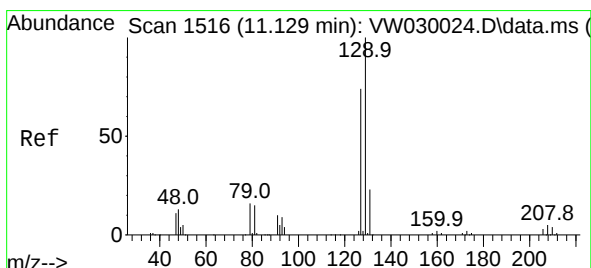
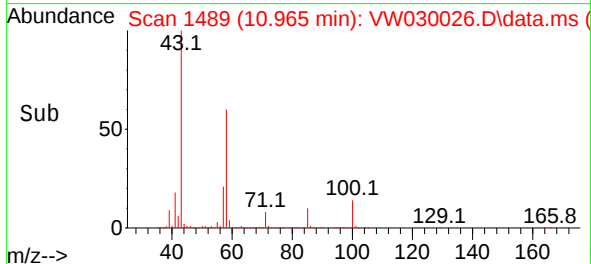
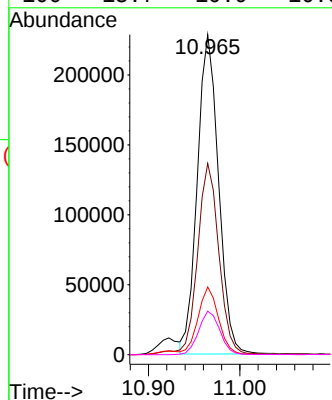
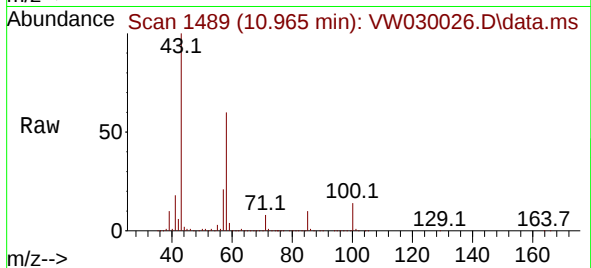
Ion Ratio Lower Upper

43 100

58 59.6 50.0 75.0

57 20.7 17.3 25.9

100 13.7 10.9 16.3



#49

Dibromochloromethane

Concen: 106.799 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW030026.D

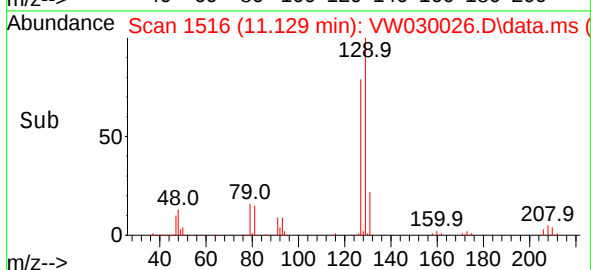
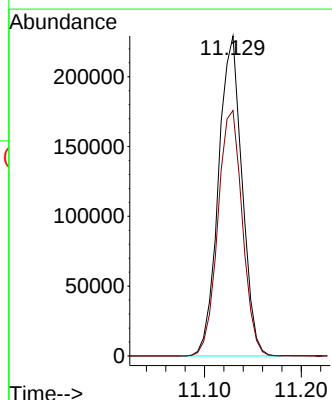
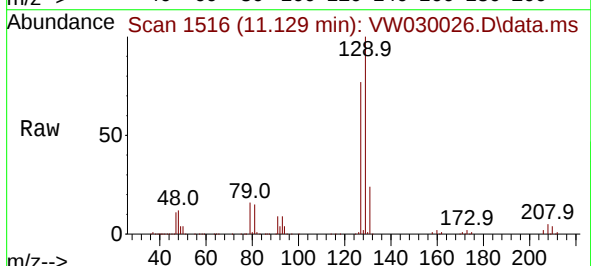
Acq: 26 Aug 2024 13:14

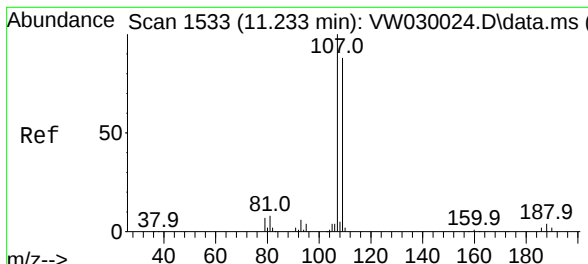
Tgt Ion:129 Resp: 387995

Ion Ratio Lower Upper

129 100

127 76.7 51.8 96.2

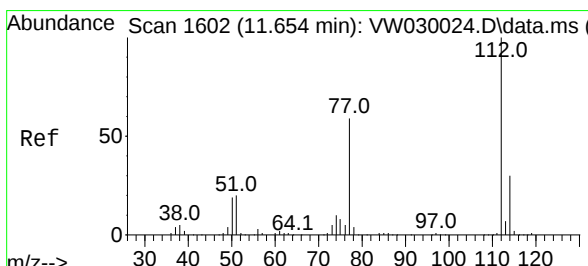
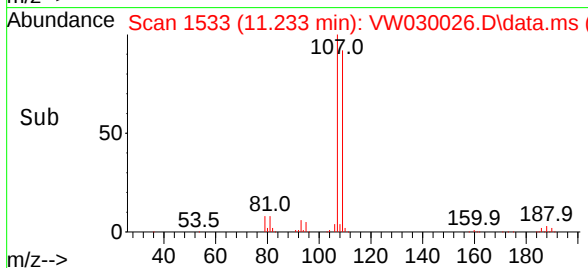
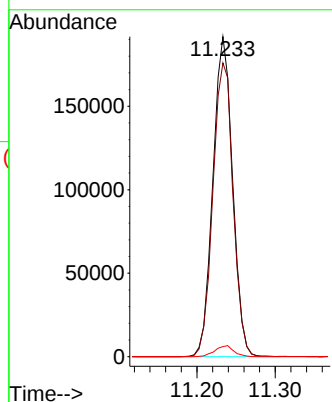
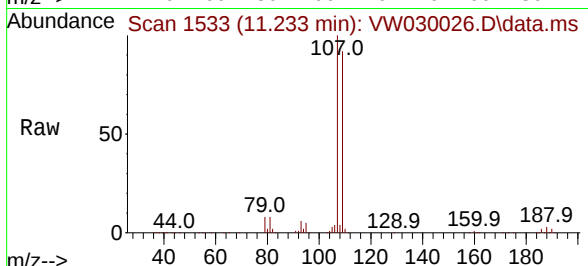




#50
1,2-Dibromoethane
Concen: 104.631 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW030026.D
Acq: 26 Aug 2024 13:14

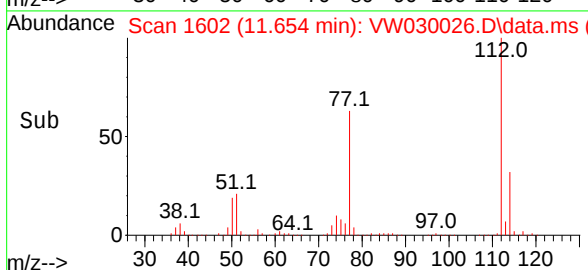
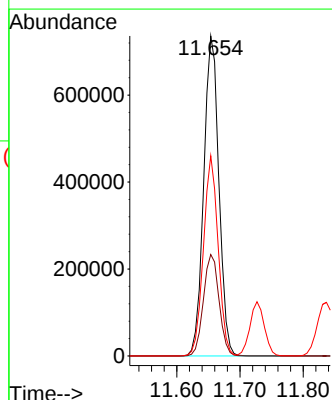
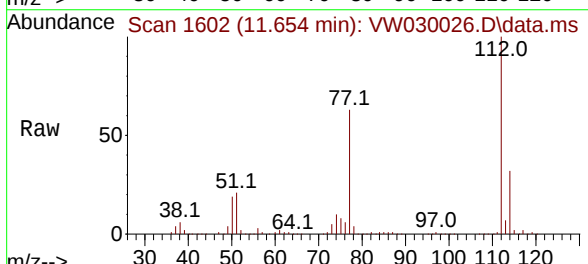
Instrument :
MSVOA_W
ClientSampleId :

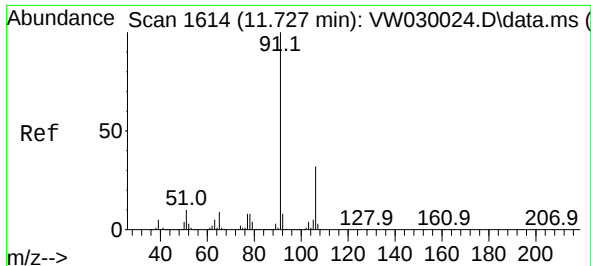
Tgt Ion:107 Resp: 334179
Ion Ratio Lower Upper
107 100
109 91.8 61.7 114.5
188 3.1 3.1 4.7



#51
Chlorobenzene
Concen: 97.911 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030026.D
Acq: 26 Aug 2024 13:14

Tgt Ion:112 Resp: 1228179
Ion Ratio Lower Upper
112 100
114 31.7 20.9 38.9
77 62.6 47.1 70.7





#52

Ethylbenzene

Concen: 99.873 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

Instrument :

MSVOA_W

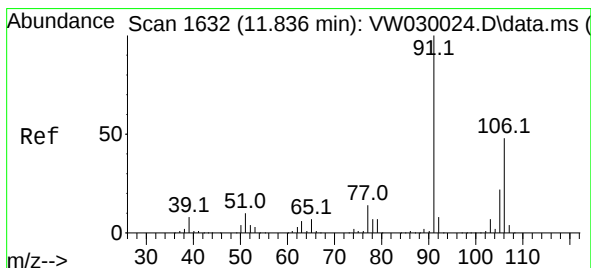
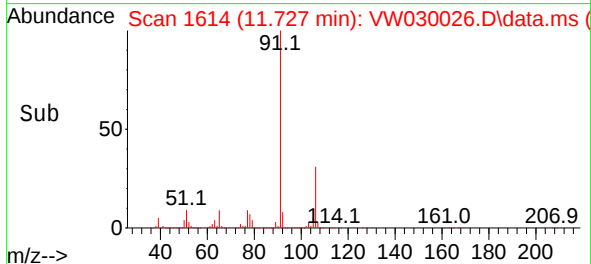
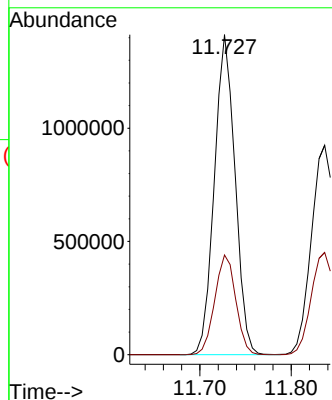
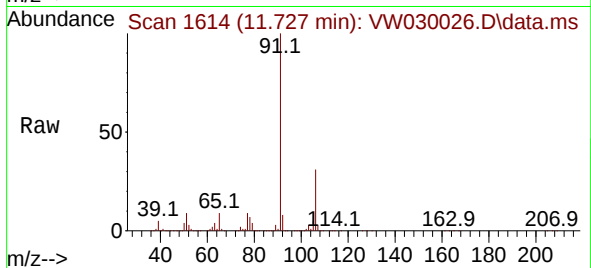
ClientSampleId :

Tgt Ion: 91 Resp: 2220045

Ion Ratio Lower Upper

91 100

106 31.1 22.0 41.0



#53

m,p-Xylene

Concen: 102.116 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030026.D

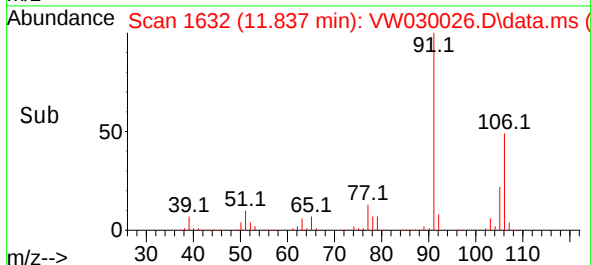
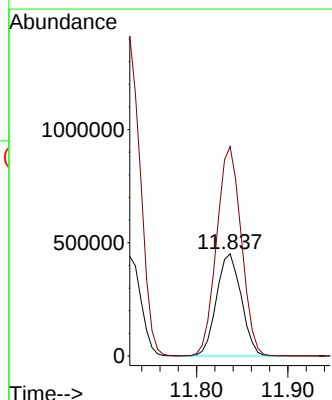
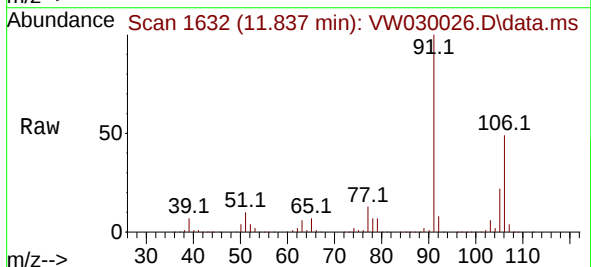
Acq: 26 Aug 2024 13:14

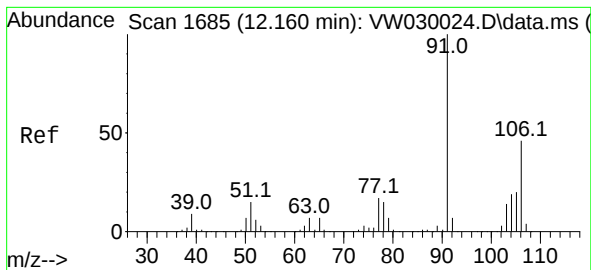
Tgt Ion:106 Resp: 847100

Ion Ratio Lower Upper

106 100

91 205.0 146.7 272.4

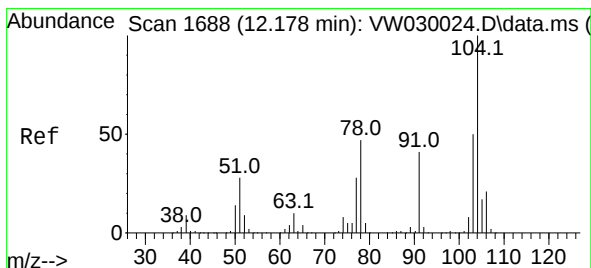
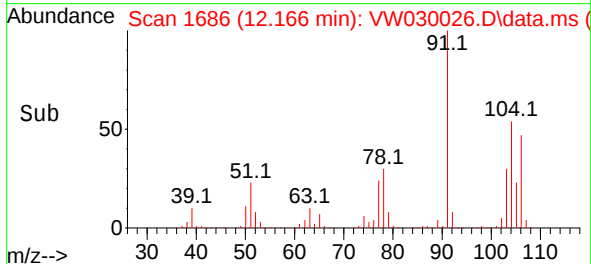
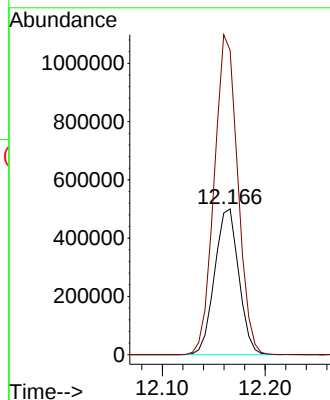
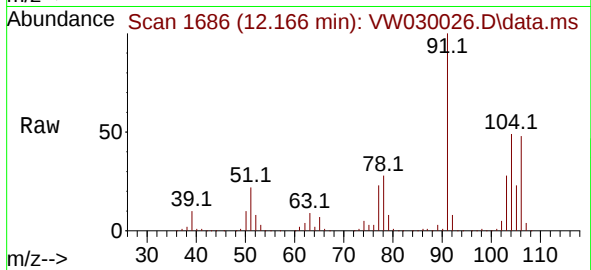




#54
o-Xylene
Concen: 102.399 ug/L
RT: 12.166 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VW030026.D
Acq: 26 Aug 2024 13:14

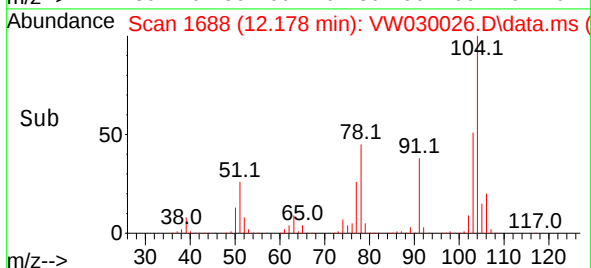
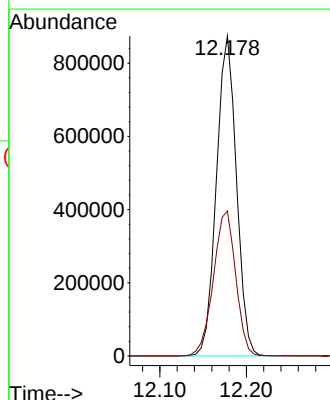
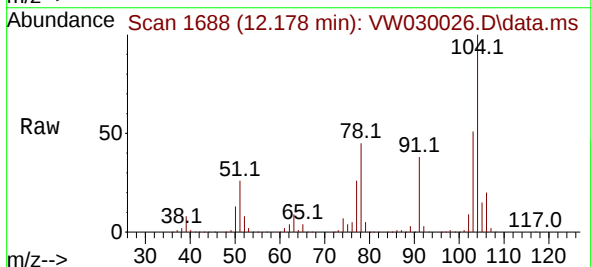
Instrument :
MSVOA_W
ClientSampleId :

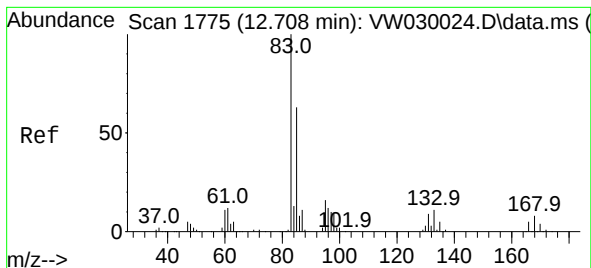
Tgt Ion:106 Resp: 815301
Ion Ratio Lower Upper
106 100
91 208.7 153.9 285.7



#55
Styrene
Concen: 105.295 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030026.D
Acq: 26 Aug 2024 13:14

Tgt Ion:104 Resp: 1404666
Ion Ratio Lower Upper
104 100
78 45.3 32.8 60.8

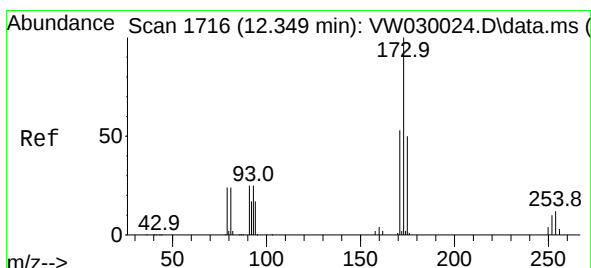
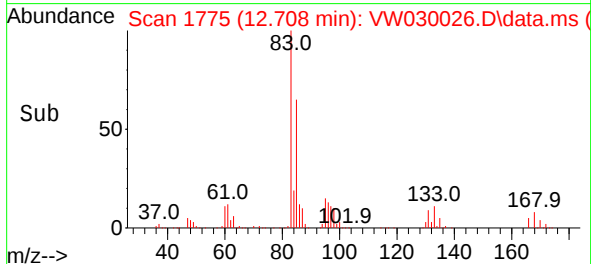
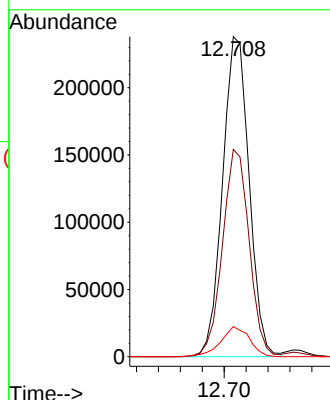
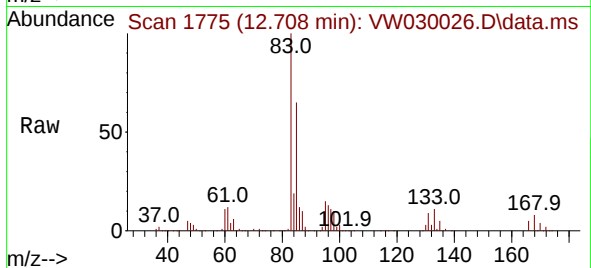




#57
1,1,2,2-Tetrachloroethane
Concen: 103.903 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030026.D
Acq: 26 Aug 2024 13:14

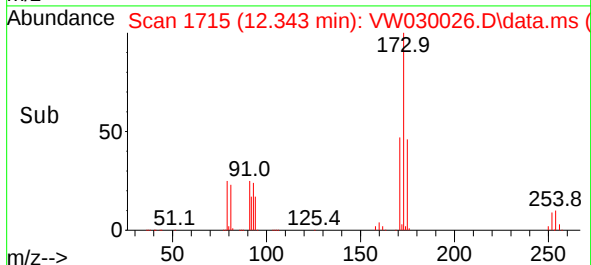
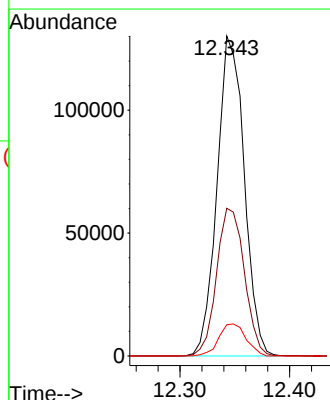
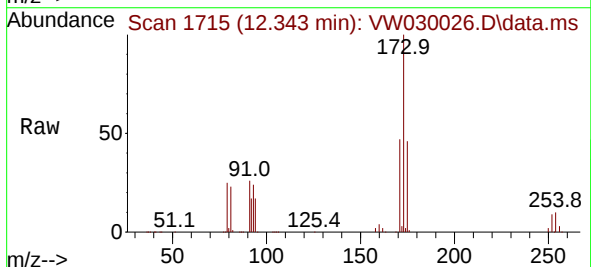
Instrument :
MSVOA_W
ClientSampleId :

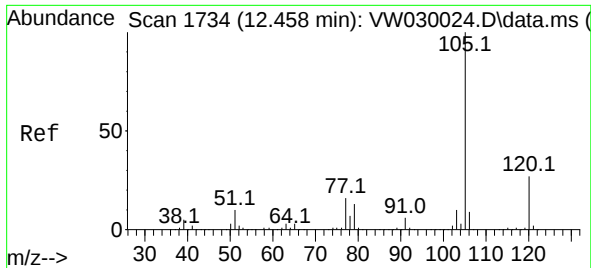
Tgt Ion: 83 Resp: 400064
Ion Ratio Lower Upper
83 100
85 64.8 44.0 81.8
131 9.4 7.3 10.9



#59
Bromoform
Concen: 109.147 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW030026.D
Acq: 26 Aug 2024 13:14

Tgt Ion:173 Resp: 224174
Ion Ratio Lower Upper
173 100
175 47.3 41.4 62.2
254 10.1 8.6 13.0

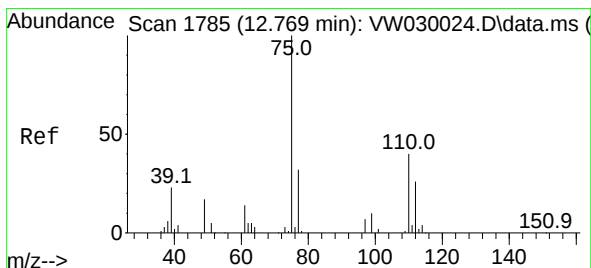
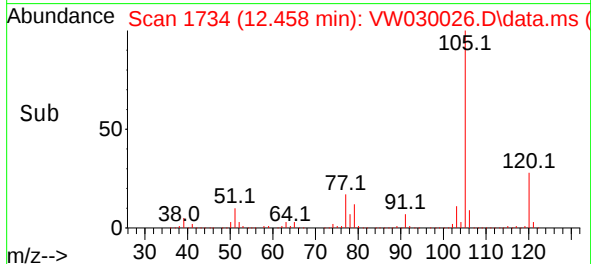
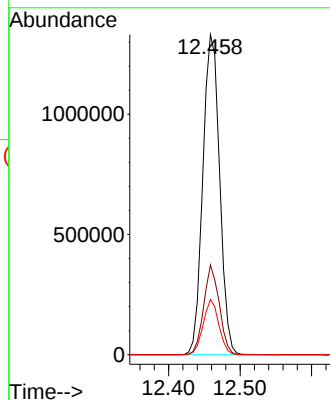
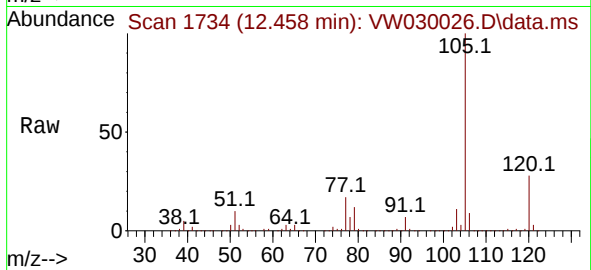




#60
Isopropylbenzene
Concen: 98.725 ug/L
RT: 12.458 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030026.D
Acq: 26 Aug 2024 13:14

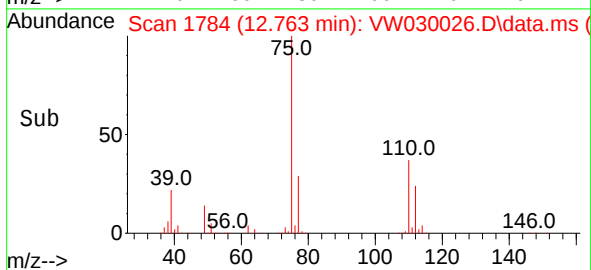
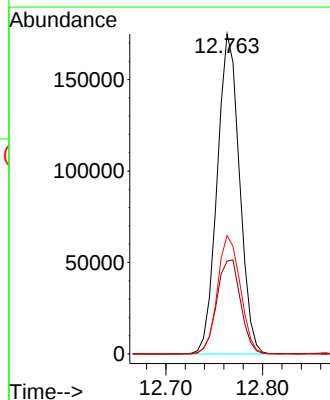
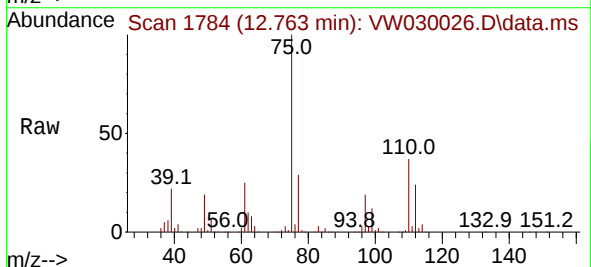
Instrument :
MSVOA_W
ClientSampleId :

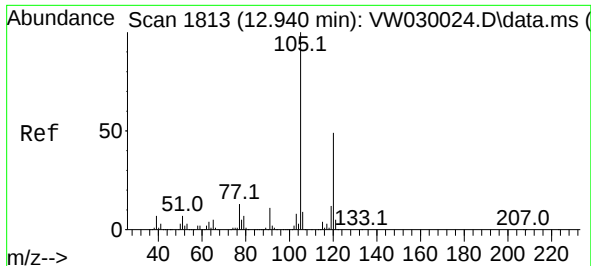
Tgt Ion:105 Resp: 2172342
Ion Ratio Lower Upper
105 100
120 25.9 20.6 30.8
77 16.1 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 100.012 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW030026.D
Acq: 26 Aug 2024 13:14

Tgt Ion: 75 Resp: 280467
Ion Ratio Lower Upper
75 100
77 31.6 26.0 39.0
110 37.9 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 107.714 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

Instrument :

MSVOA_W

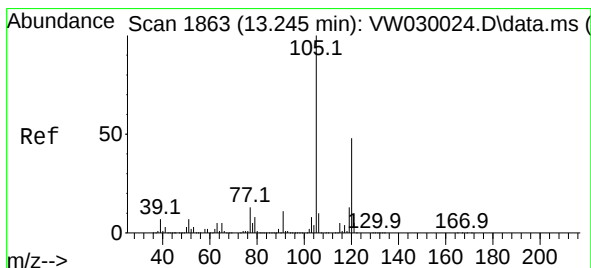
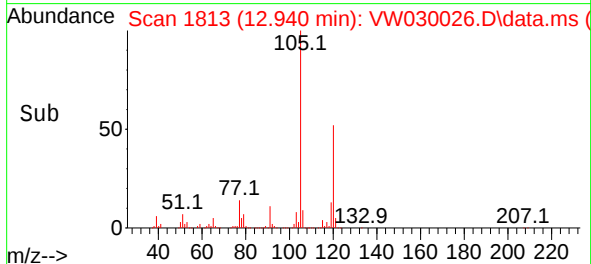
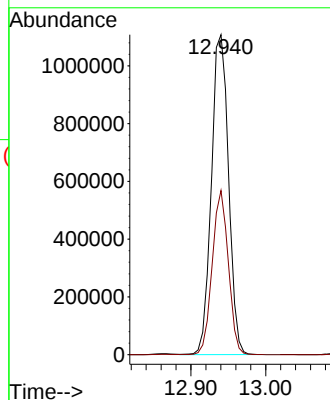
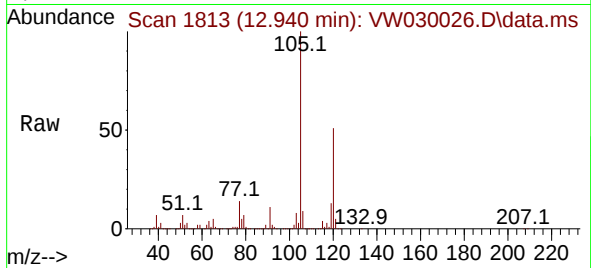
ClientSampleId :

Tgt Ion:105 Resp: 1762303

Ion Ratio Lower Upper

105 100

120 48.3 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 100.629 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030026.D

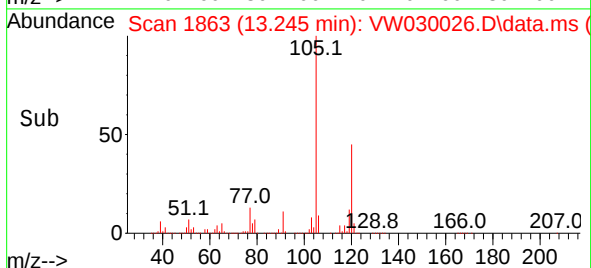
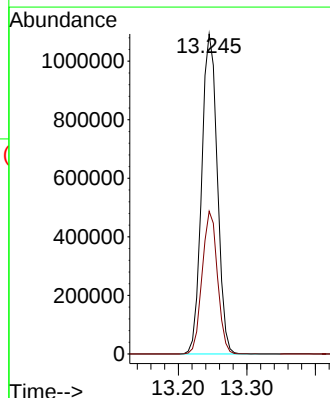
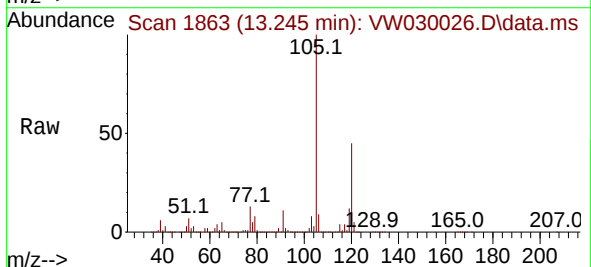
Acq: 26 Aug 2024 13:14

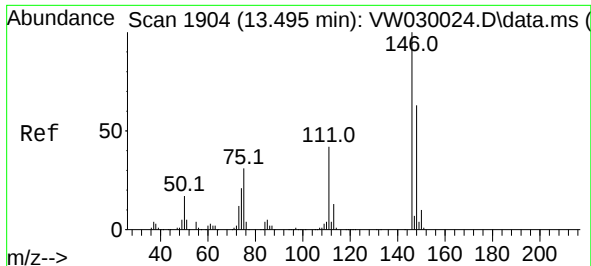
Tgt Ion:105 Resp: 1735328

Ion Ratio Lower Upper

105 100

120 43.8 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 94.924 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

Instrument :

MSVOA_W

ClientSampleId :

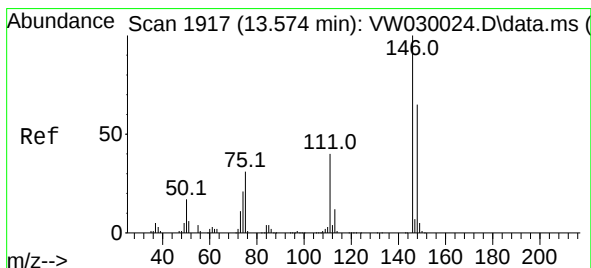
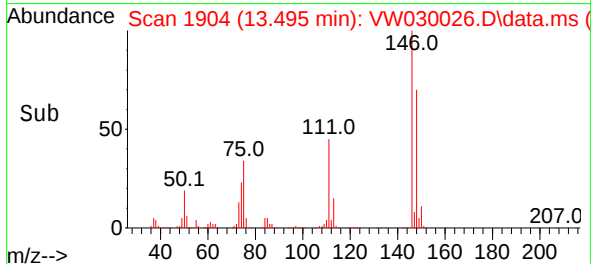
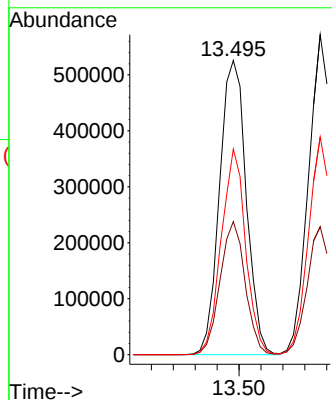
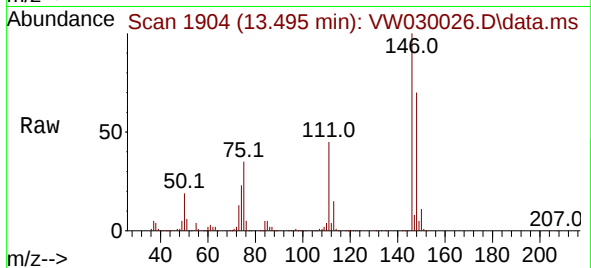
Tgt Ion:146 Resp: 890428

Ion Ratio Lower Upper

146 100

111 45.3 29.1 54.1

148 69.9 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 93.482 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

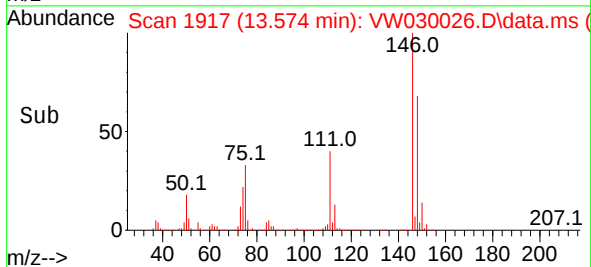
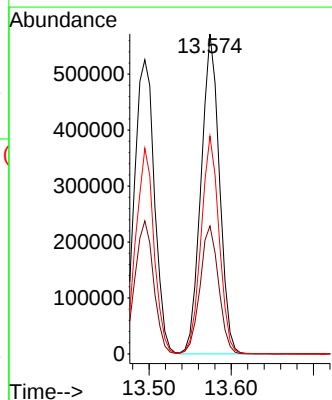
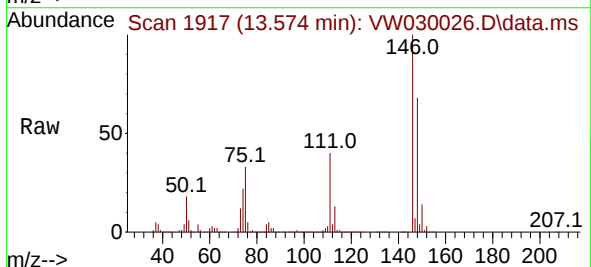
Tgt Ion:146 Resp: 885863

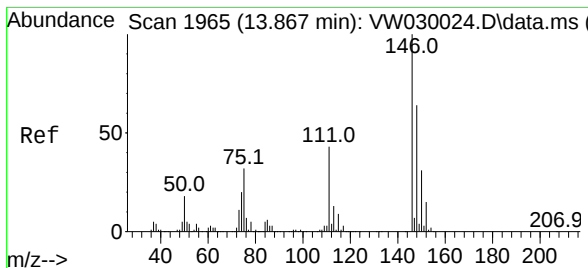
Ion Ratio Lower Upper

146 100

111 40.0 28.2 52.4

148 68.1 45.8 85.2

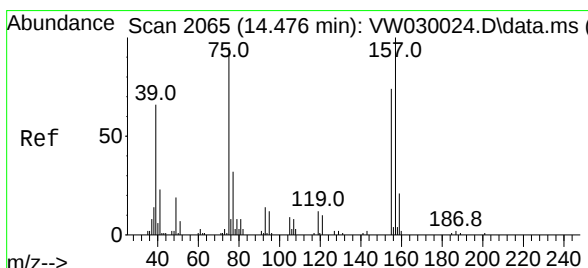
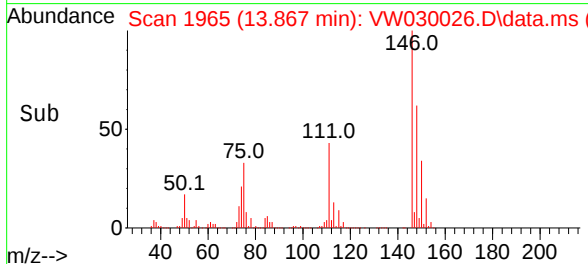
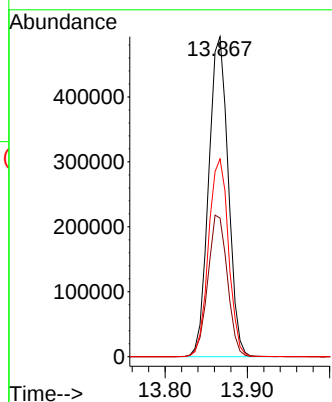
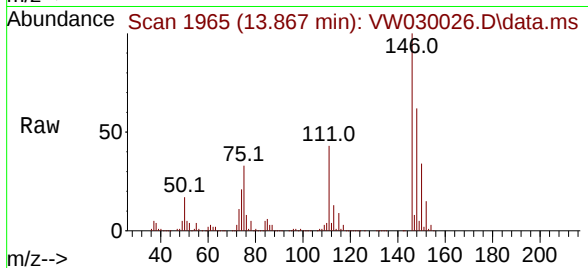




#67
1,2-Dichlorobenzene
Concen: 97.170 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030026.D
Acq: 26 Aug 2024 13:14

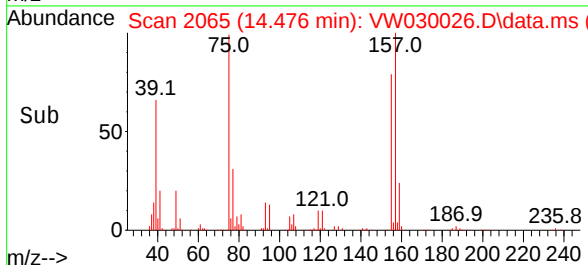
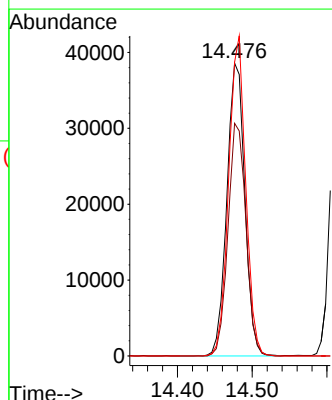
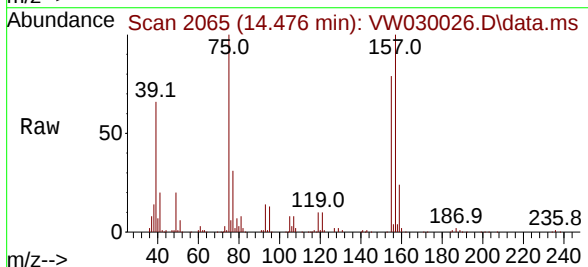
Instrument :
MSVOA_W
ClientSampleId :

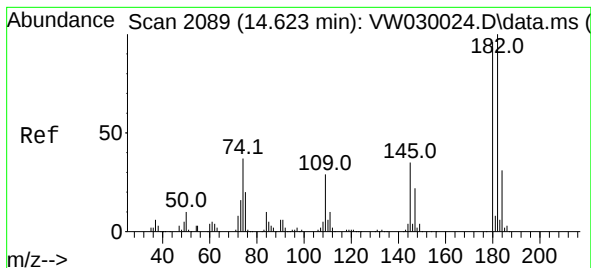
Tgt Ion:146 Resp: 815390
Ion Ratio Lower Upper
146 100
111 43.3 34.7 52.1
148 61.8 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 107.436 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030026.D
Acq: 26 Aug 2024 13:14

Tgt Ion: 75 Resp: 64493
Ion Ratio Lower Upper
75 100
155 79.4 62.8 94.2
157 100.4 84.3 126.5





#69

1,3,5-Trichlorobenzene

Concen: 95.768 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

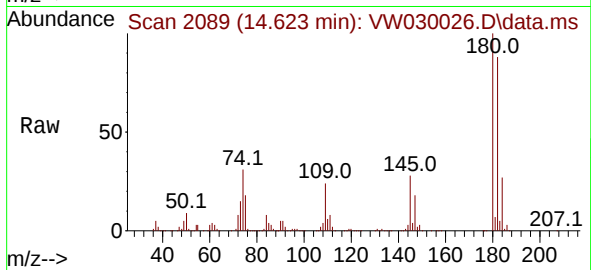
Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 586510

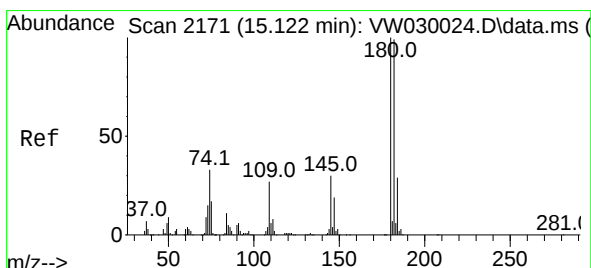
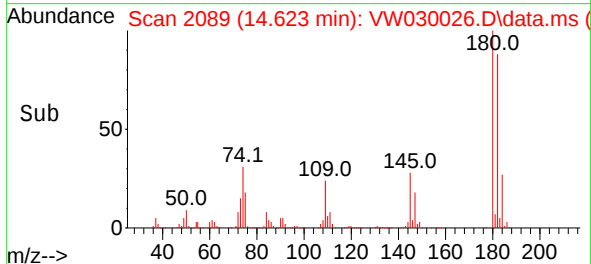
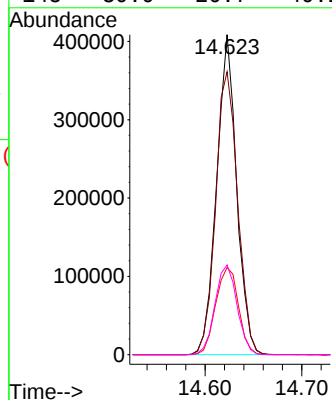
Ion Ratio Lower Upper

180 100

182 97.1 79.7 119.5

184 30.9 25.1 37.7

145 30.9 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 102.277 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW030026.D

Acq: 26 Aug 2024 13:14

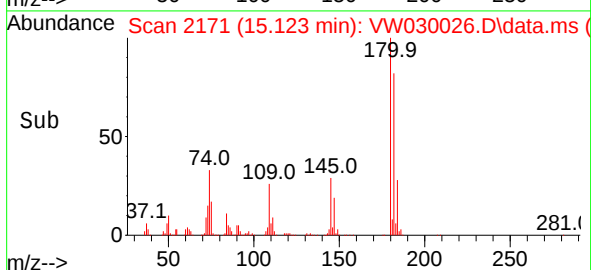
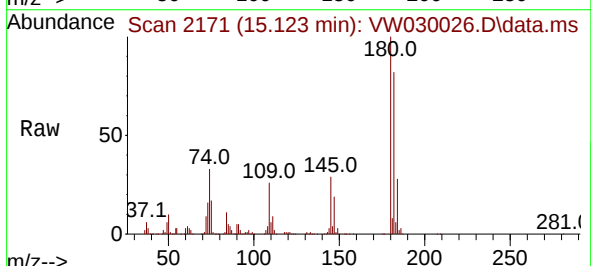
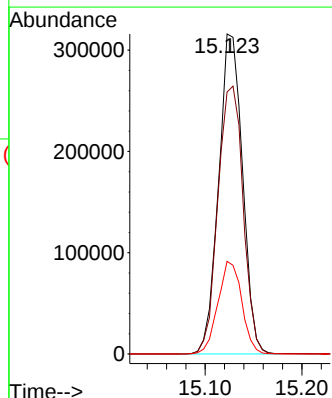
Tgt Ion:180 Resp: 542128

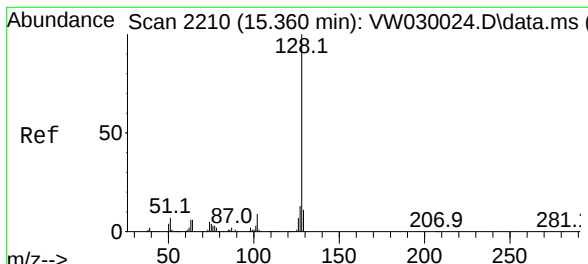
Ion Ratio Lower Upper

180 100

182 88.3 75.3 112.9

145 28.8 24.7 37.1



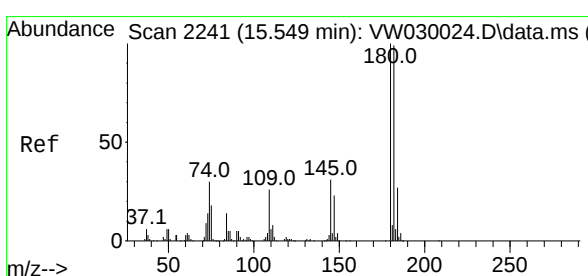
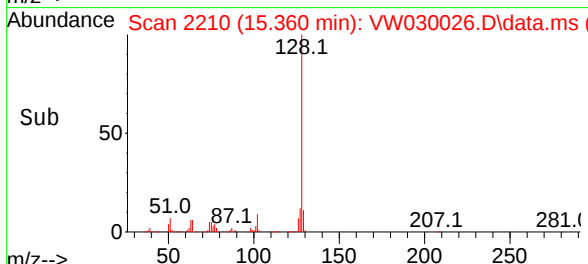
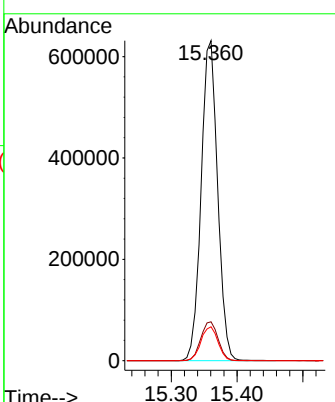
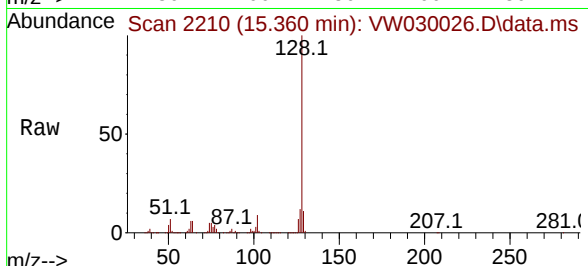


#71
Naphthalene
Concen: 108.490 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030026.D
Acq: 26 Aug 2024 13:14

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 1098100

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	11.0	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 97.216 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW030026.D
Acq: 26 Aug 2024 13:14

Tgt Ion:180 Resp: 452306

Ion	Ratio	Lower	Upper
180	100		
182	97.7	77.2	115.8
145	32.8	26.5	39.7

