

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081723\
 Data File : VW026760.D
 Acq On : 17 Aug 2023 15:14
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 18 01:34:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 18 01:33:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	517038	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	502255	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	275374	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	135237	15.911	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.640%
7) Chloroethane-d5	2.893	69	126823	20.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.280%
11) 1,1-Dichloroethene-d2	4.027	65	82998	19.854	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.400%
21) 2-Butanone-d5	7.069	46	108903	44.579	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.160%
24) Chloroform-d	7.648	84	410945	23.681	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.720%
26) 1,2-Dichloroethane-d4	8.306	65	246717	25.763	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.040%
32) Benzene-d6	8.270	84	860719	24.865	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.480%
36) 1,2-Dichloropropane-d6	9.270	67	270921	25.126	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.520%
41) Toluene-d8	10.318	98	725541	24.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.680%
43) trans-1,3-Dichloroprop...	10.574	79	100456	22.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.280%
47) 2-Hexanone-d5	10.922	63	58450	51.590	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	217901	25.590	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	247742	25.135	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	112305	15.976	ug/L	# 69
3) Chloromethane	2.228	50	180341	18.761	ug/L	98
5) Vinyl chloride	2.375	62	168498	18.336	ug/L	98
6) Bromomethane	2.789	94	110195	20.582	ug/L	94
8) Chloroethane	2.936	64	112812	20.489	ug/L	98
9) Trichlorofluoromethane	3.265	101	135688	17.993	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	169631	20.824	ug/L	92
12) 1,1-Dichloroethene	4.051	96	168330	22.026	ug/L	93
13) Acetone	4.124	43	73291	30.173	ug/L	99
14) Carbon disulfide	4.393	76	550311	20.016	ug/L	99
15) Methyl Acetate	4.673	43	106543	21.897	ug/L	99
16) Methylene chloride	4.923	84	207253	20.722	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	173228	20.313	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	268413	20.802	ug/L	99
19) 1,1-Dichloroethane	6.215	63	378653	21.574	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	212359	23.167	ug/L	96
22) 2-Butanone	7.173	43	130560	36.473	ug/L	97
23) Bromochloromethane	7.514	128	85722	21.649	ug/L	92
25) Chloroform	7.672	83	357159	21.063	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081723\
 Data File : VW026760.D
 Acq On : 17 Aug 2023 15:14
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 18 01:34:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 18 01:33:38 2023
 Response via : Initial Calibration

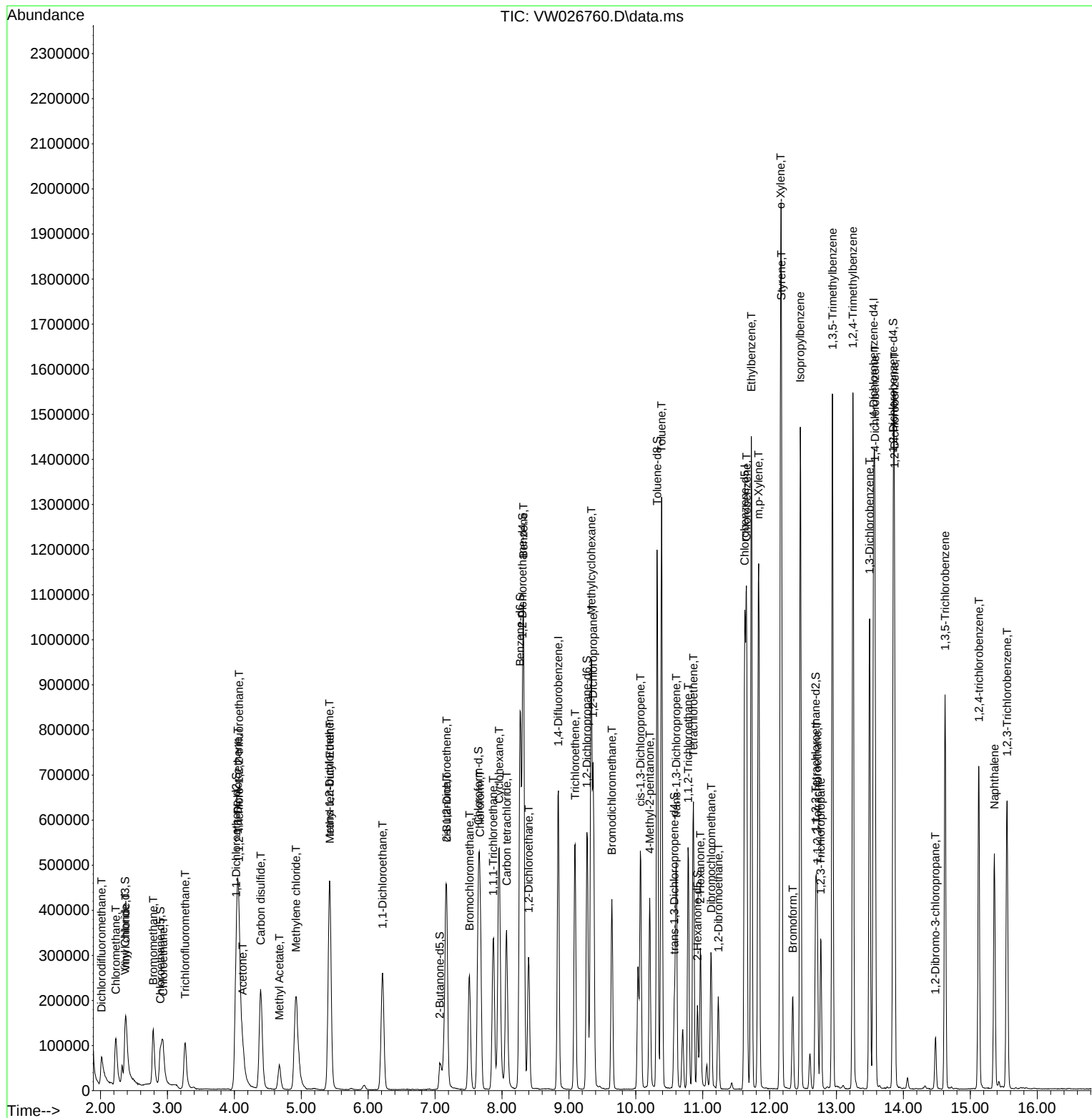
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	270396	22.858	ug/L	98
29) Cyclohexane	7.959	56	318108	20.481	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	287205	21.911	ug/L	98
31) Carbon tetrachloride	8.069	117	277504	23.154	ug/L	99
33) Benzene	8.319	78	877543	23.993	ug/L	100
34) Trichloroethene	9.093	95	197744	21.228	ug/L	95
35) Methylcyclohexane	9.337	83	351502	22.057	ug/L	99
37) 1,2-Dichloropropane	9.361	63	237907	23.747	ug/L	99
38) Bromodichloromethane	9.642	83	280092	23.832	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	311009	21.579	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	279825	42.940	ug/L	99
42) Toluene	10.385	91	903728	24.425	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	277746	22.390	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	159425	23.268	ug/L	96
46) Tetrachloroethene	10.861	164	142967	21.125	ug/L	92
48) 2-Hexanone	10.965	43	196570	44.330	ug/L	99
49) Dibromochloromethane	11.129	129	162822	22.721	ug/L	92
50) 1,2-Dibromoethane	11.233	107	132811	20.658	ug/L	94
51) Chlorobenzene	11.653	112	532406	22.780	ug/L	99
52) Ethylbenzene	11.727	91	969978	23.378	ug/L	94
53) m,p-Xylene	11.836	106	368441	23.970	ug/L	91
54) o-Xylene	12.166	106	320515	22.342	ug/L	99
55) Styrene	12.178	104	581954	23.331	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	190592	21.964	ug/L	97
59) Bromoform	12.348	173	91578	21.229	ug/L	96
60) Isopropylbenzene	12.458	105	894064	21.838	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	141640	21.204	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	782309	24.175	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	778751	24.558	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	403954	22.687	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	413111	22.232	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	383825	23.705	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	31753	19.718	ug/L	91
69) 1,3,5-Trichlorobenzene	14.622	180	247053	20.537	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	221078	21.676	ug/L	100
71) Naphthalene	15.360	128	426585	21.927	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	202789	22.044	ug/L	97

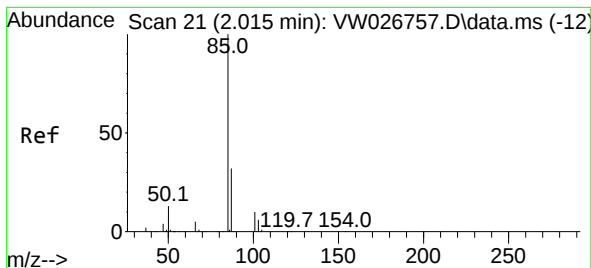
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081723\
Data File : VW026760.D
Acq On : 17 Aug 2023 15:14
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 18 01:34:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 18 01:33:38 2023
Response via : Initial Calibration

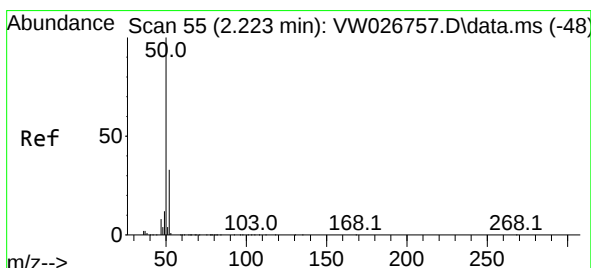
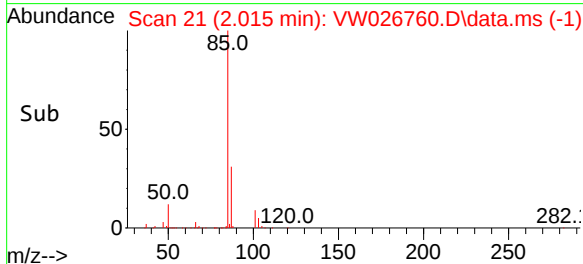
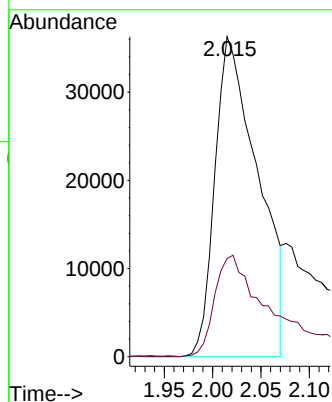
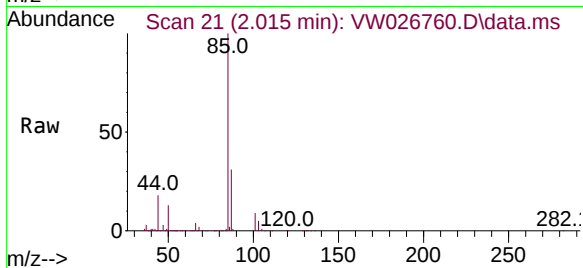




#2
 Dichlorodifluoromethane
 Concen: 15.976 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026760.D
 Acq: 17 Aug 2023 15:14

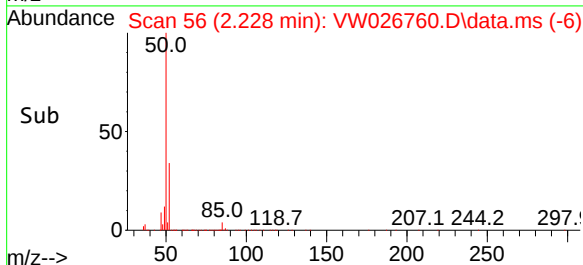
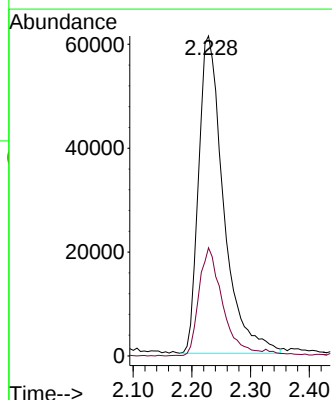
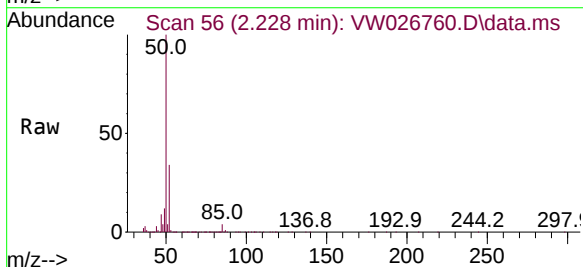
Instrument :
 MSVOA_W
 ClientSampleId :

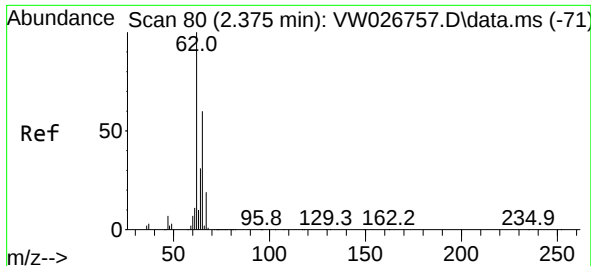
Tgt Ion: 85 Resp: 112305
 Ion Ratio Lower Upper
 85 100
 87 39.7 19.5 29.3#



#3
 Chloromethane
 Concen: 18.761 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW026760.D
 Acq: 17 Aug 2023 15:14

Tgt Ion: 50 Resp: 180341
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.0 42.8

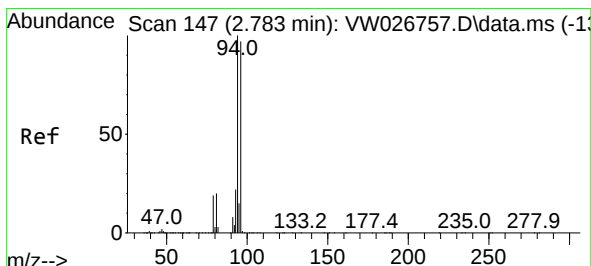
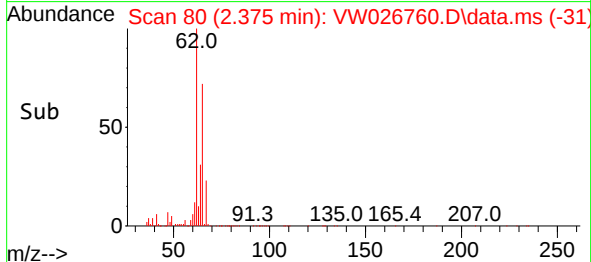
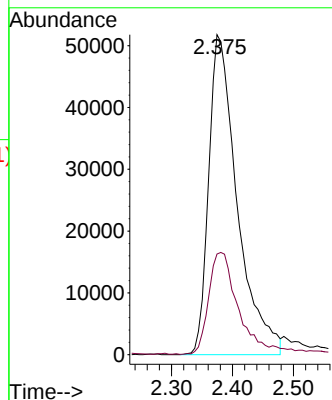
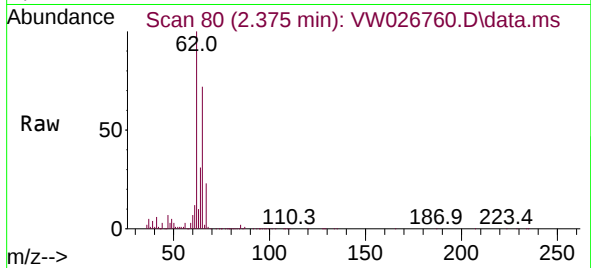




#5
 Vinyl chloride
 Concen: 18.336 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026760.D
 Acq: 17 Aug 2023 15:14

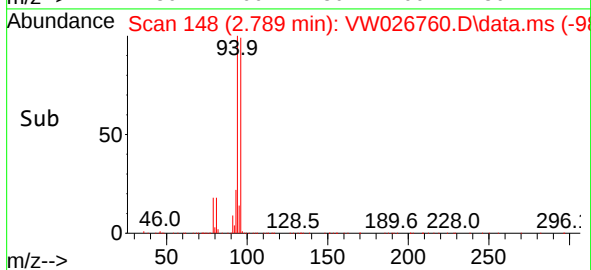
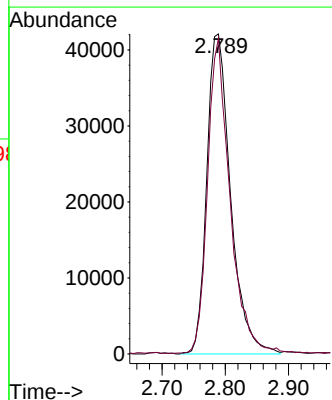
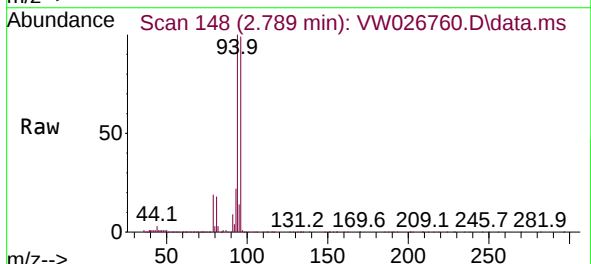
Instrument :
 MSVOA_W
 ClientSampleId :

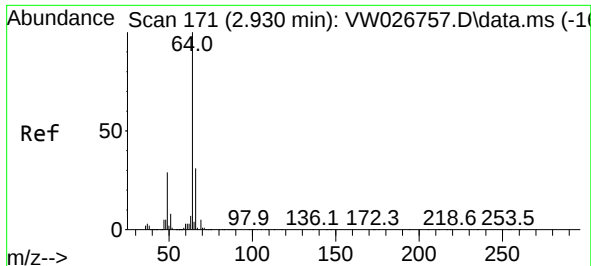
Tgt Ion: 62 Resp: 168498
 Ion Ratio Lower Upper
 62 100
 64 31.5 22.7 42.3



#6
 Bromomethane
 Concen: 20.582 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026760.D
 Acq: 17 Aug 2023 15:14

Tgt Ion: 94 Resp: 110195
 Ion Ratio Lower Upper
 94 100
 96 98.7 64.8 120.3

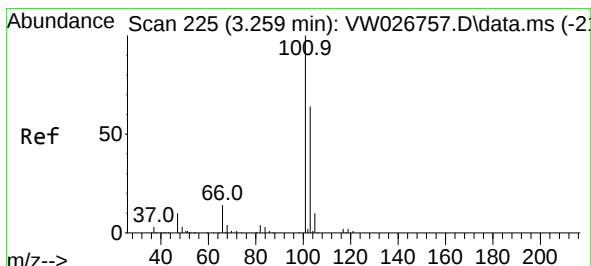
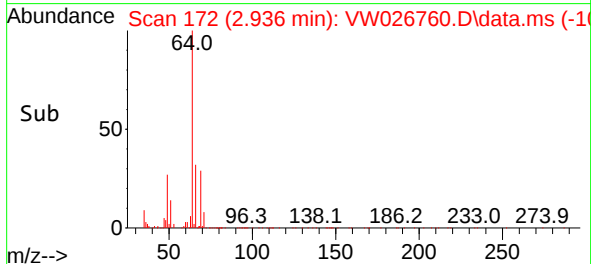
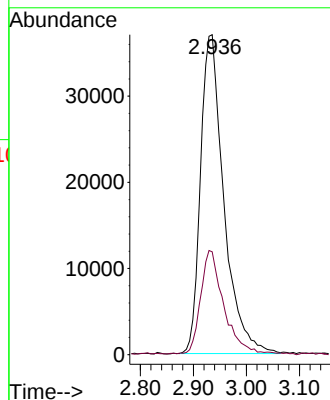
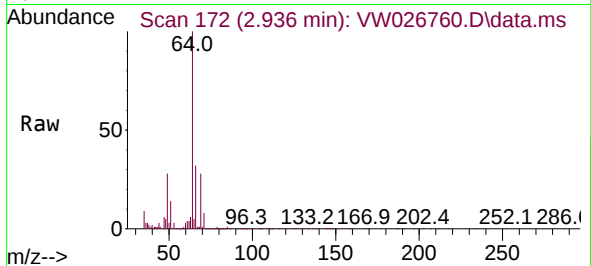




#8
Chloroethane
Concen: 20.489 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

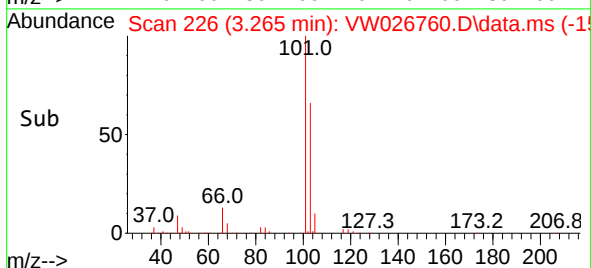
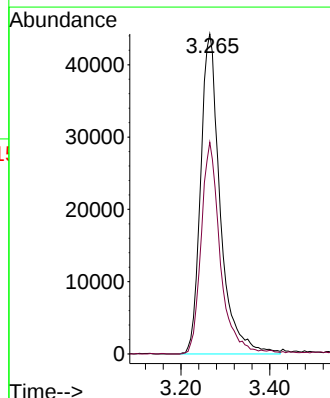
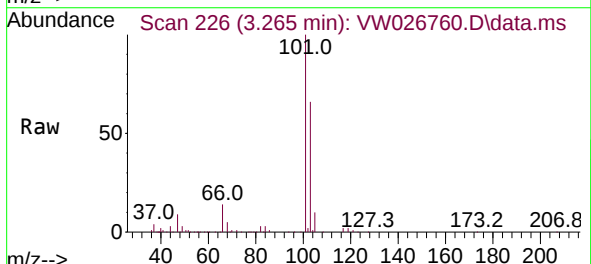
Instrument :
MSVOA_W
ClientSampleId :

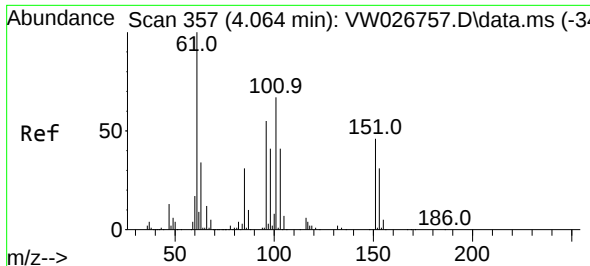
Tgt Ion: 64 Resp: 112812
Ion Ratio Lower Upper
64 100
66 32.1 21.7 40.3



#9
Trichlorofluoromethane
Concen: 17.993 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

Tgt Ion:101 Resp: 135688
Ion Ratio Lower Upper
101 100
103 63.5 51.9 77.9

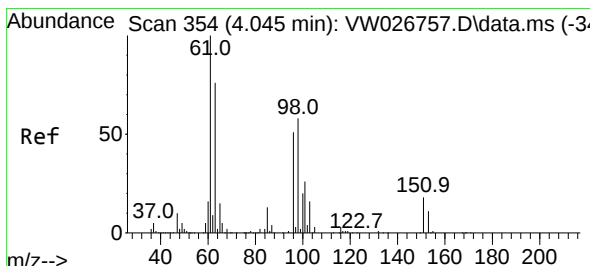
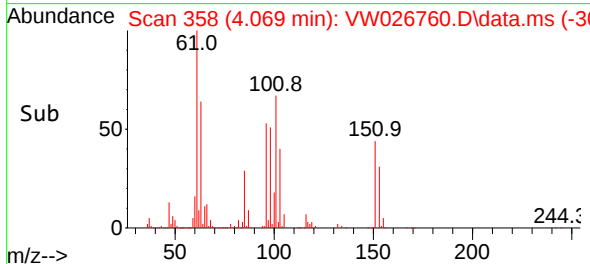
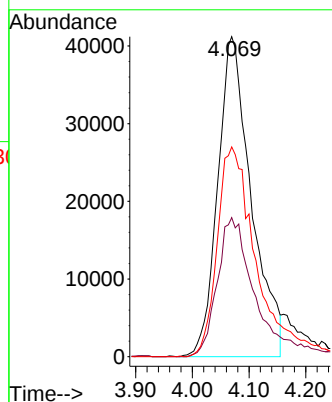
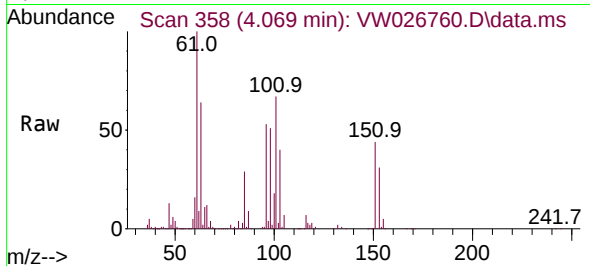




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.824 ug/L
 RT: 4.069 min Scan# 357
 Delta R.T. 0.006 min
 Lab File: VW026760.D
 Acq: 17 Aug 2023 15:14

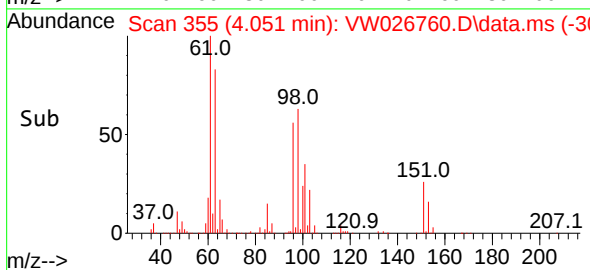
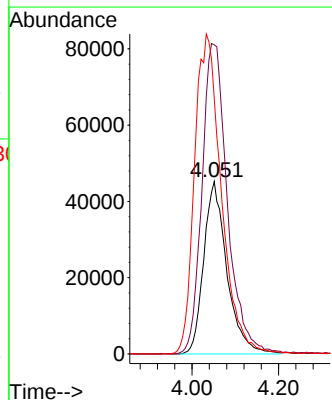
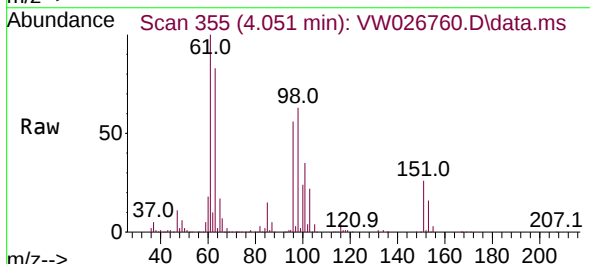
Instrument :
 MSVOA_W
 ClientSampleId :

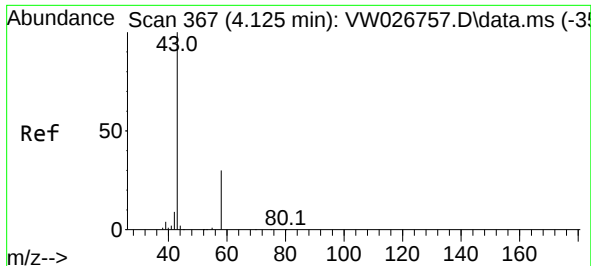
Tgt Ion:101 Resp: 169631
 Ion Ratio Lower Upper
 101 100
 85 46.0 32.8 49.2
 151 75.1 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 22.026 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW026760.D
 Acq: 17 Aug 2023 15:14

Tgt Ion: 96 Resp: 168330
 Ion Ratio Lower Upper
 96 100
 61 179.3 133.2 247.4
 63 147.9 109.0 202.4

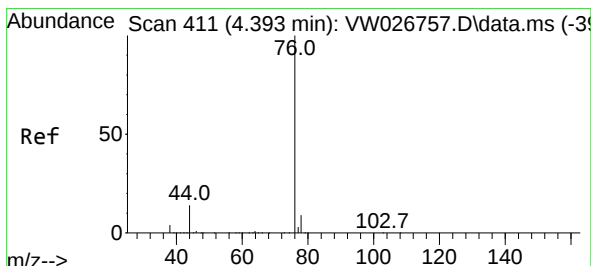
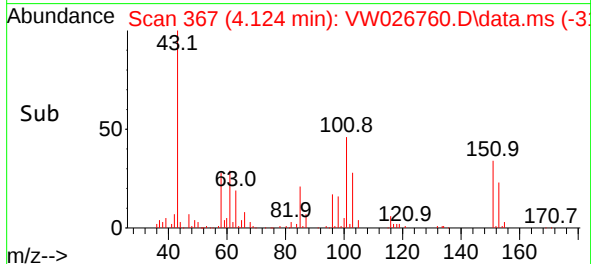
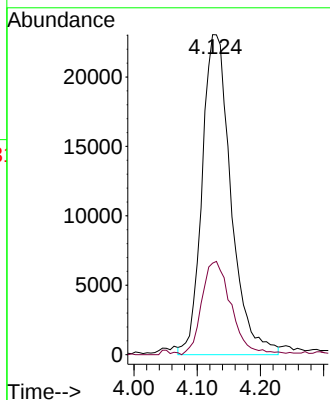
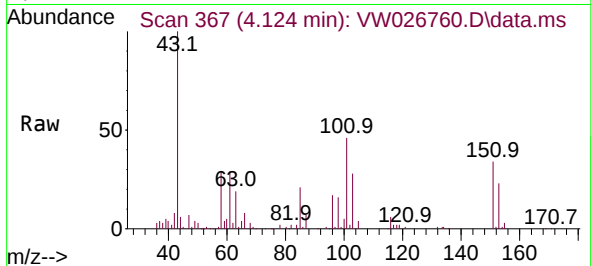




#13
Acetone
Concen: 30.173 ug/L
RT: 4.124 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

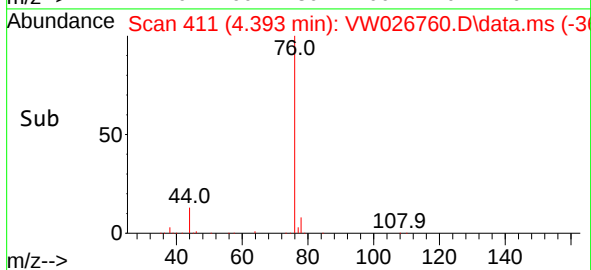
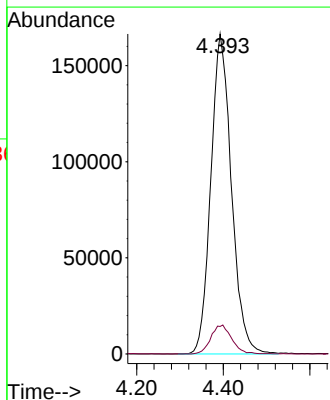
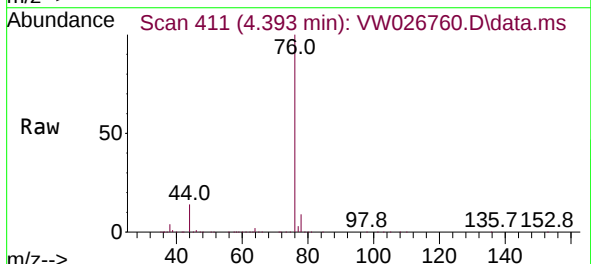
Instrument :
MSVOA_W
ClientSampleId :

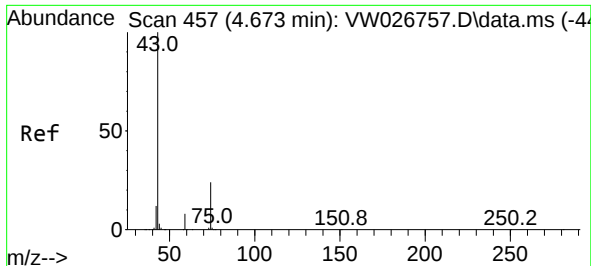
Tgt Ion: 43 Resp: 73291
Ion Ratio Lower Upper
43 100
58 29.0 0.0 57.4



#14
Carbon disulfide
Concen: 20.016 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

Tgt Ion: 76 Resp: 550311
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7

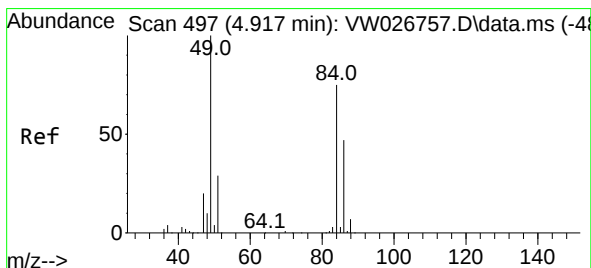
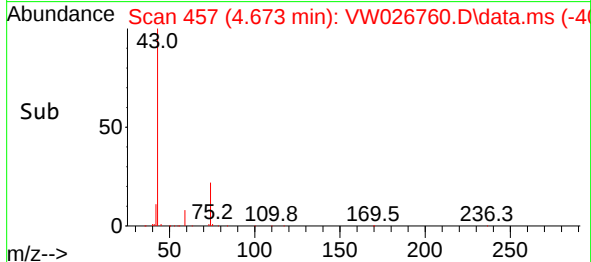
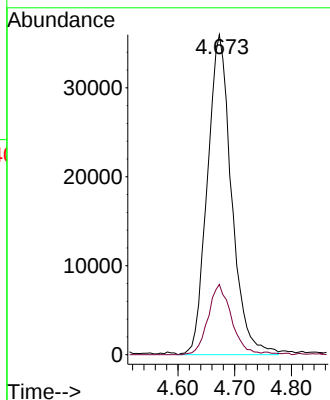
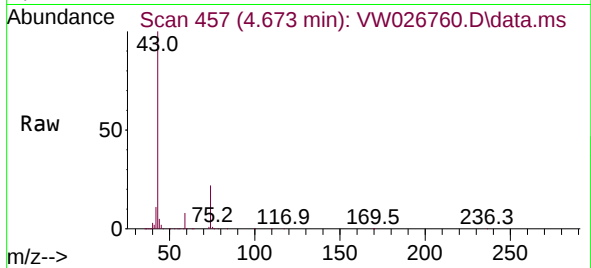




#15
Methyl Acetate
Concen: 21.897 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

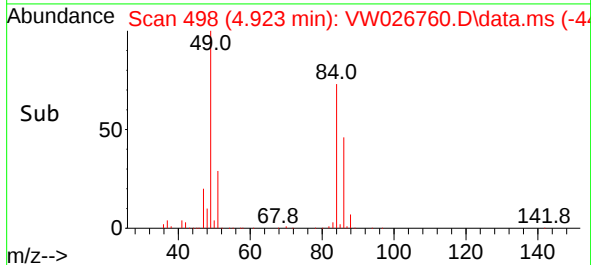
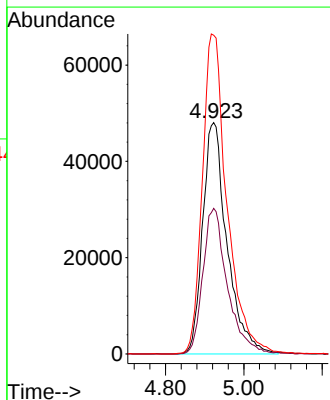
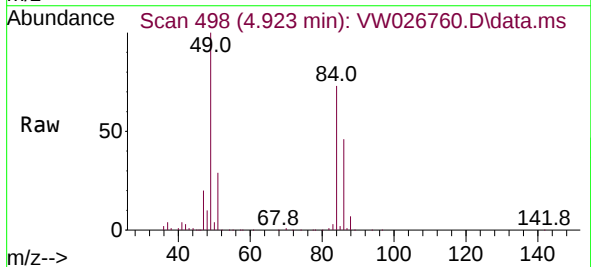
Instrument :
MSVOA_W
ClientSampleId :

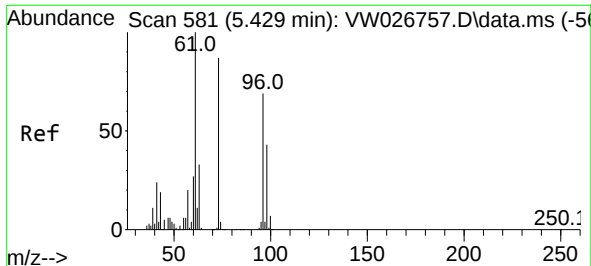
Tgt Ion: 43 Resp: 106543
Ion Ratio Lower Upper
43 100
74 21.1 16.4 24.6



#16
Methylene chloride
Concen: 20.722 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

Tgt Ion: 84 Resp: 207253
Ion Ratio Lower Upper
84 100
86 63.0 43.5 80.9
49 137.7 96.0 178.2

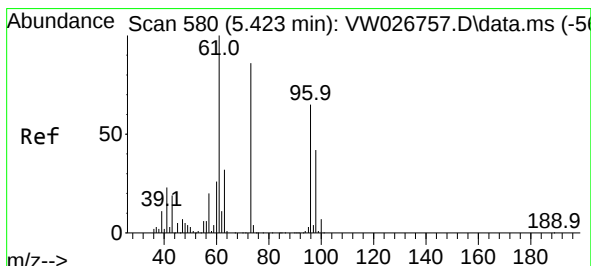
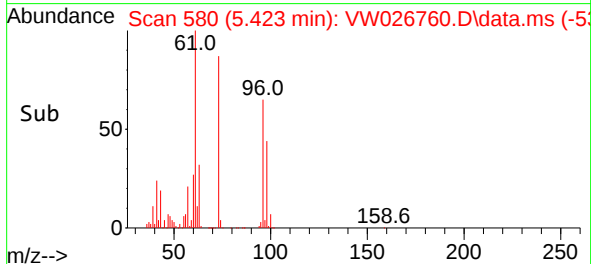
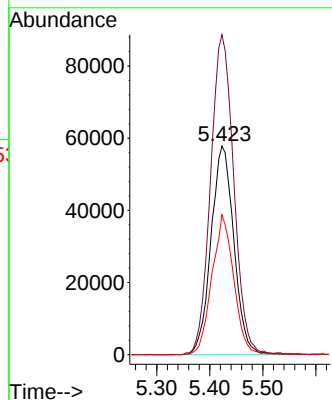
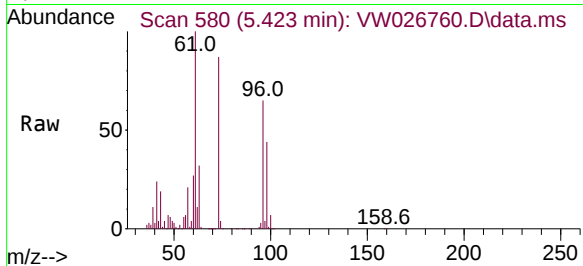




#17
trans-1,2-Dichloroethene
Concen: 20.313 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

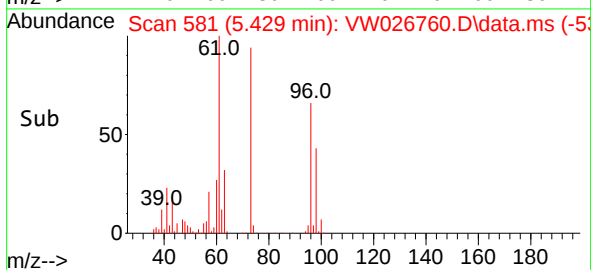
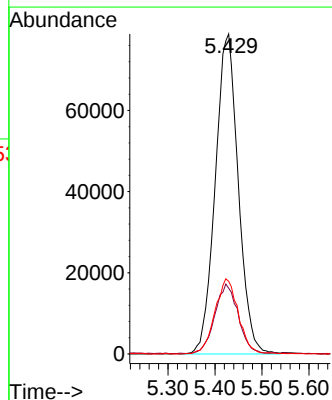
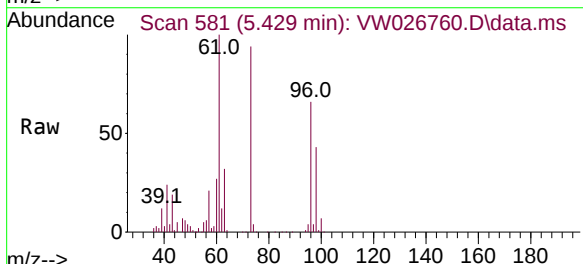
Instrument :
MSVOA_W
ClientSampleId :

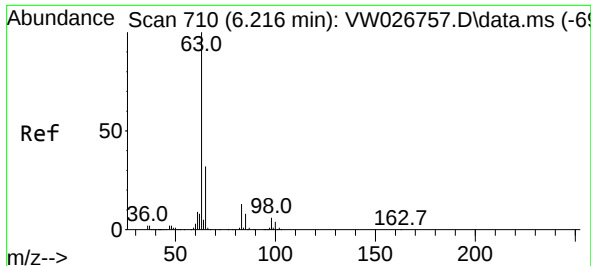
Tgt Ion: 96 Resp: 173228
Ion Ratio Lower Upper
96 100
61 153.4 109.4 203.2
98 67.1 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 20.802 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

Tgt Ion: 73 Resp: 268413
Ion Ratio Lower Upper
73 100
43 22.0 18.0 27.0
57 23.8 19.3 28.9





#19

1,1-Dichloroethane

Concen: 21.574 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

Instrument :

MSVOA_W

ClientSampleId :

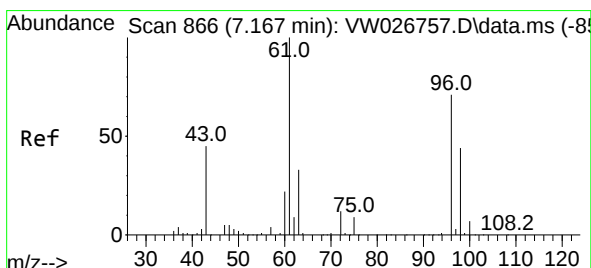
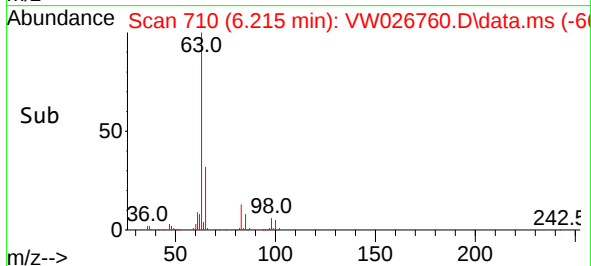
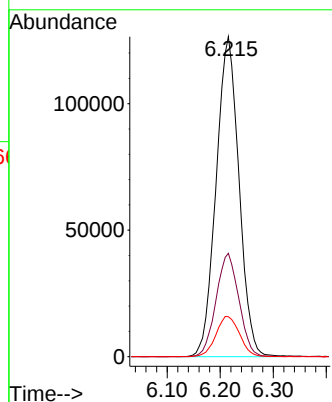
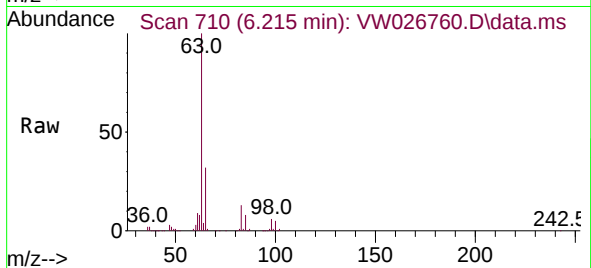
Tgt Ion: 63 Resp: 378653

Ion Ratio Lower Upper

63 100

65 32.3 21.8 40.6

83 12.5 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 23.167 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

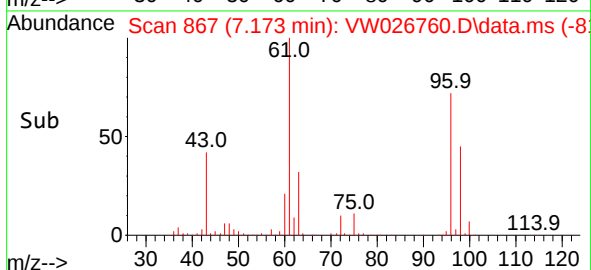
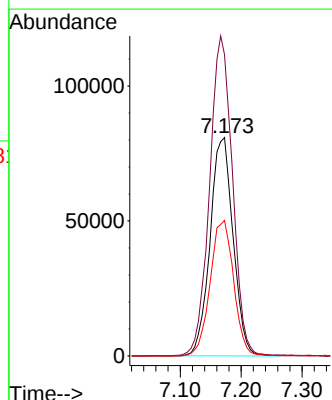
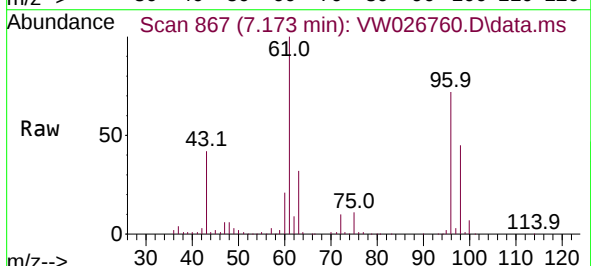
Tgt Ion: 96 Resp: 212359

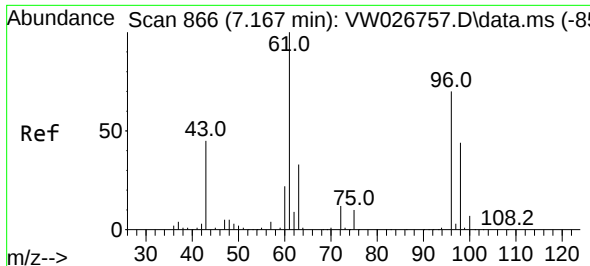
Ion Ratio Lower Upper

96 100

61 138.0 101.2 188.0

98 62.0 43.8 81.3

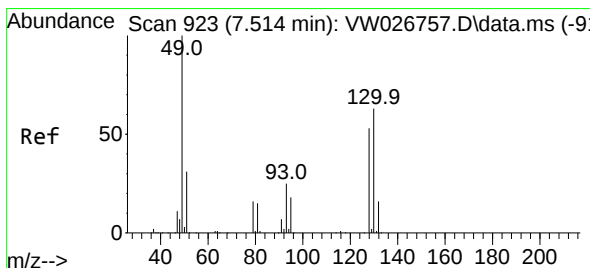
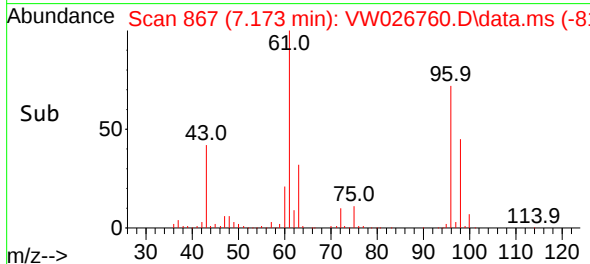
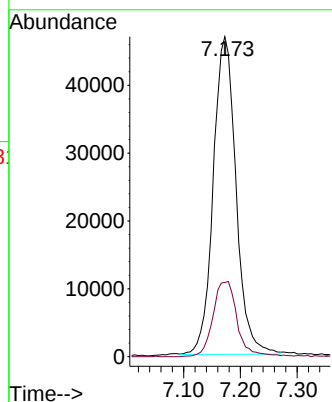
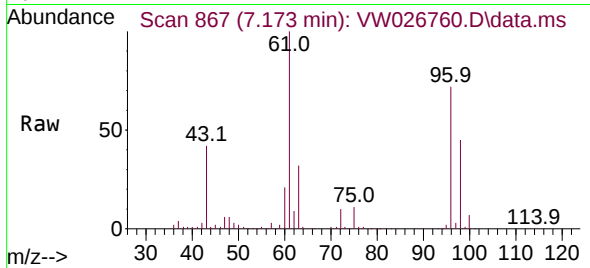




#22
2-Butanone
Concen: 36.473 ug/L
RT: 7.173 min Scan# 80
Delta R.T. 0.006 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

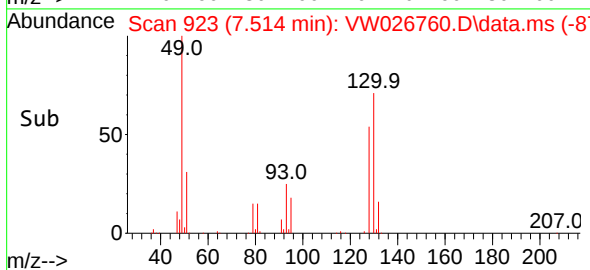
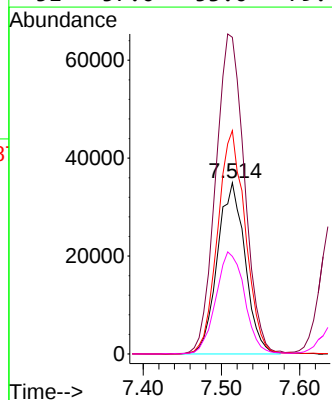
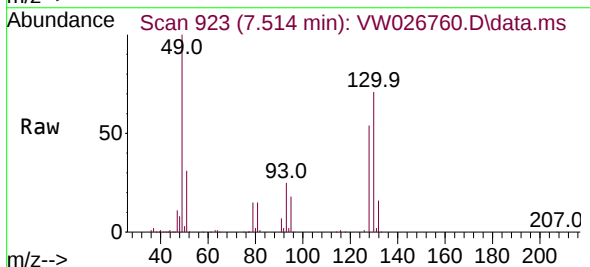
Instrument :
MSVOA_W
ClientSampleId :

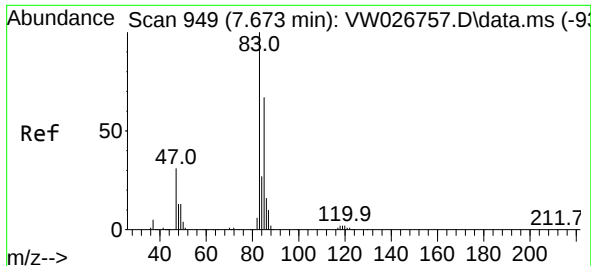
Tgt Ion: 43 Resp: 130560
Ion Ratio Lower Upper
43 100
72 25.0 11.8 35.4



#23
Bromochloromethane
Concen: 21.649 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

Tgt Ion:128 Resp: 85722
Ion Ratio Lower Upper
128 100
49 185.0 143.1 265.7
130 130.5 91.8 170.4
51 57.0 53.0 79.4

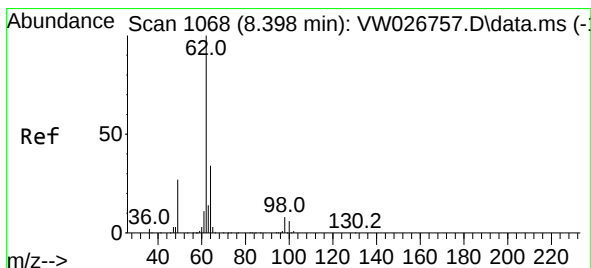
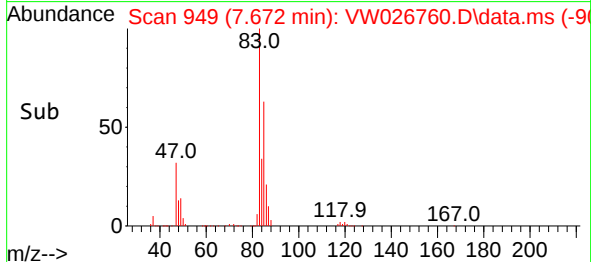
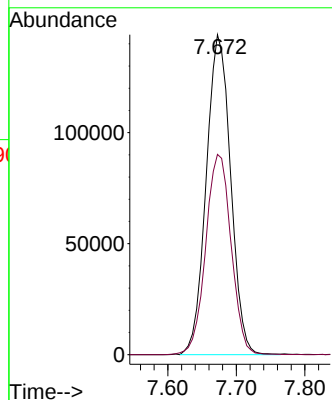
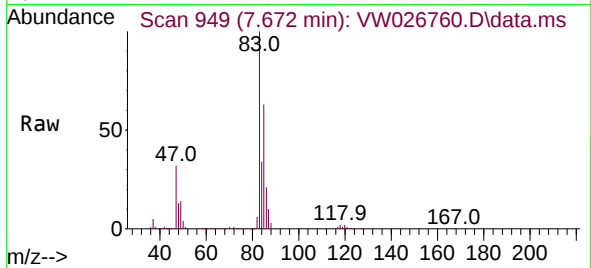




#25
Chloroform
Concen: 21.063 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

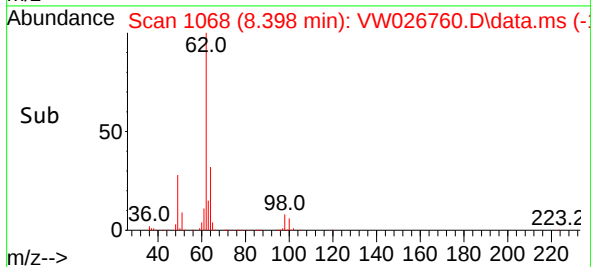
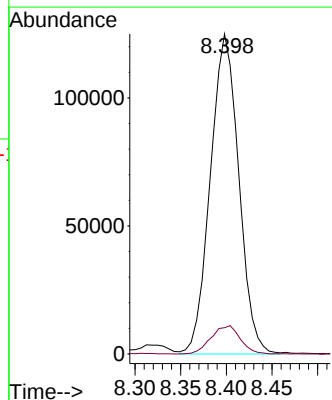
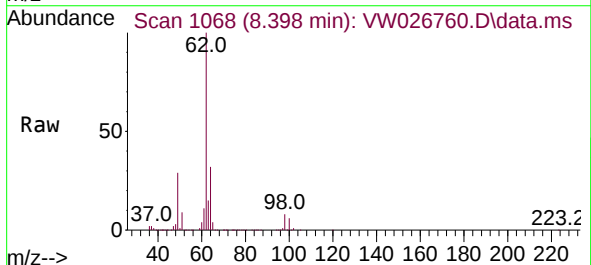
Instrument :
MSVOA_W
ClientSampleId :

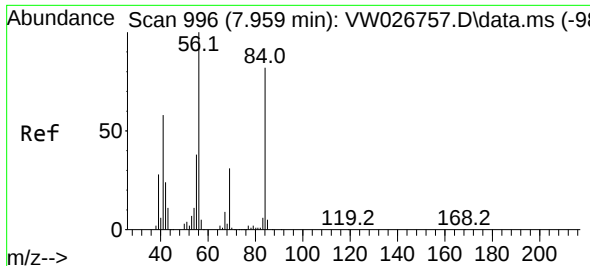
Tgt Ion: 83 Resp: 357159
Ion Ratio Lower Upper
83 100
85 62.6 45.4 84.2



#27
1,2-Dichloroethane
Concen: 22.858 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

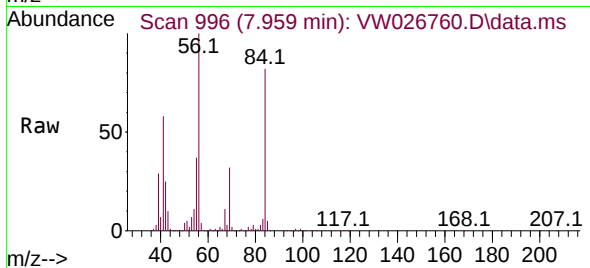
Tgt Ion: 62 Resp: 270396
Ion Ratio Lower Upper
62 100
98 8.2 7.1 10.7



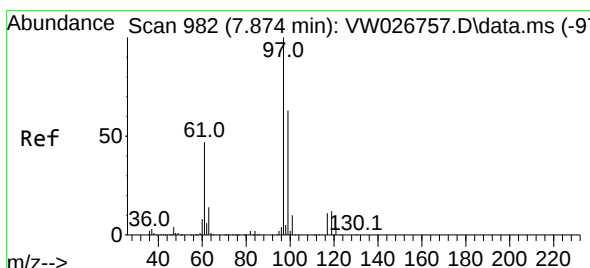
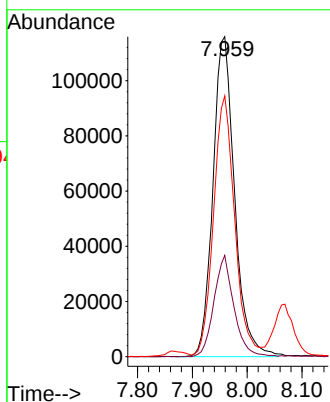
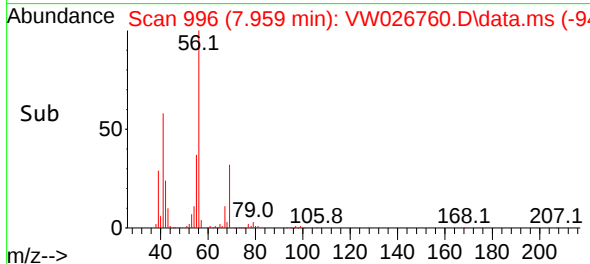


#29
Cyclohexane
Concen: 20.481 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

Instrument :
MSVOA_W
ClientSampleId :

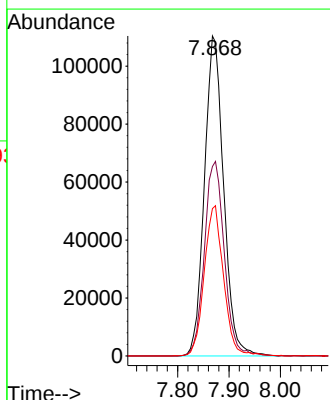
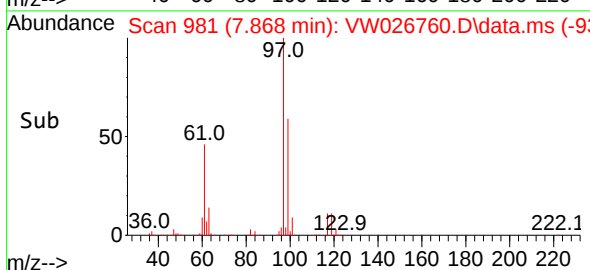
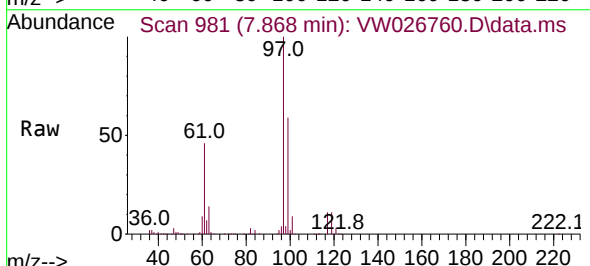


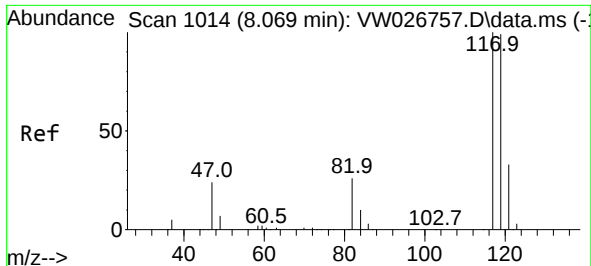
Tgt Ion: 56 Resp: 318108
Ion Ratio Lower Upper
56 100
69 29.0 23.2 34.8
84 79.7 62.7 94.1



#30
1,1,1-Trichloroethane
Concen: 21.911 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

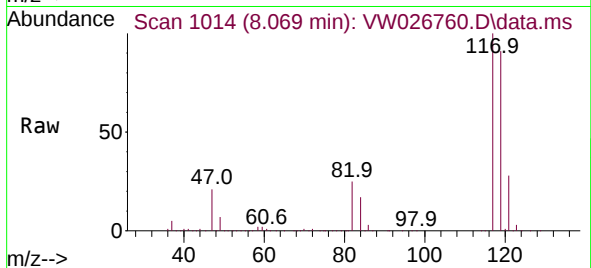
Tgt Ion: 97 Resp: 287205
Ion Ratio Lower Upper
97 100
99 63.0 51.2 76.8
61 46.7 39.2 58.8



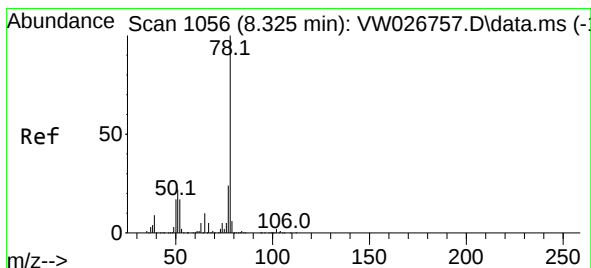
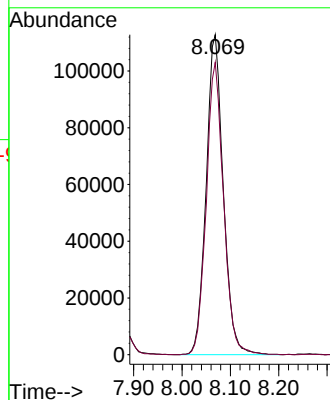
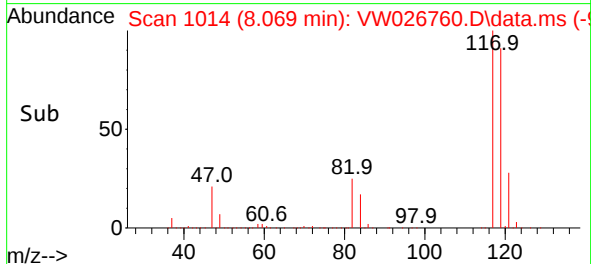


#31
Carbon tetrachloride
Concen: 23.154 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

Instrument :
MSVOA_W
ClientSampleId :

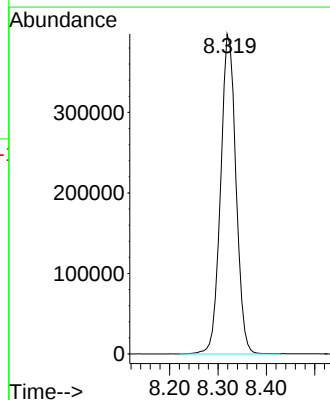
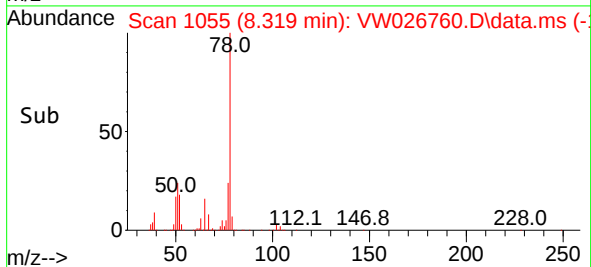
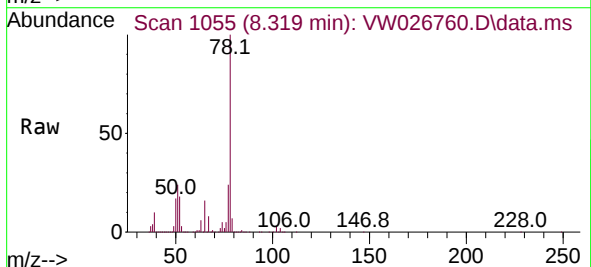


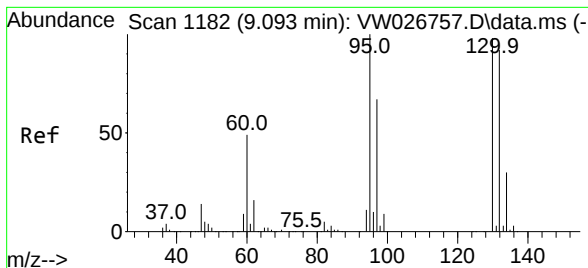
Tgt Ion:117 Resp: 277504
Ion Ratio Lower Upper
117 100
119 92.1 73.0 109.4



#33
Benzene
Concen: 23.993 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

Tgt Ion: 78 Resp: 877543





#34

Trichloroethene

Concen: 21.228 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 197744

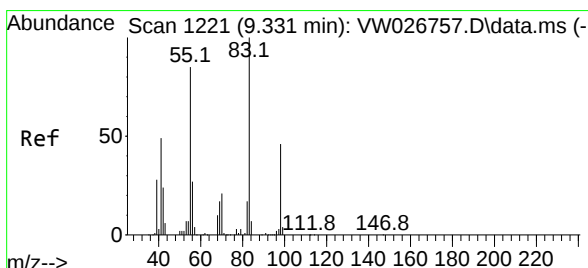
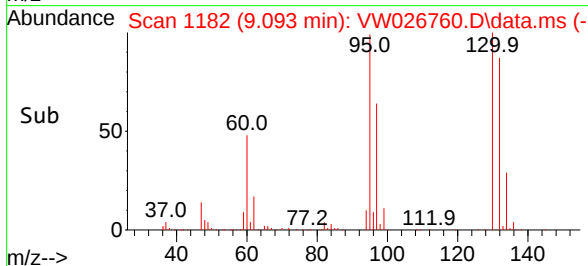
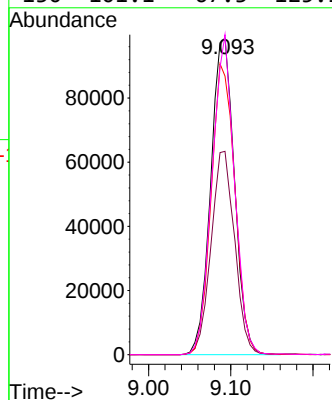
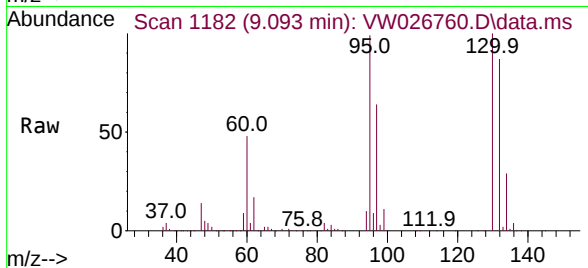
Ion Ratio Lower Upper

95 100

97 64.2 44.6 82.8

132 88.0 66.4 123.2

130 101.1 67.3 125.1



#35

Methylcyclohexane

Concen: 22.057 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

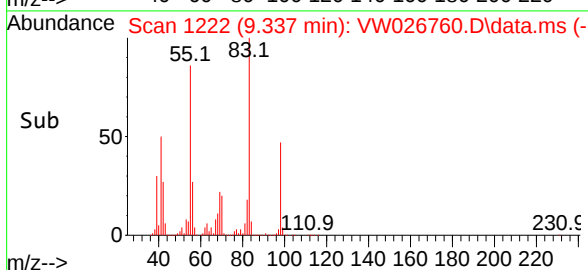
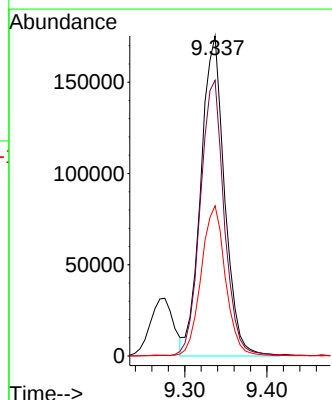
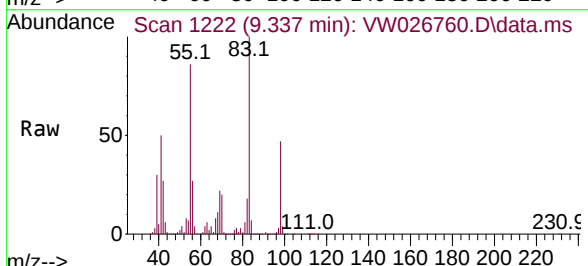
Tgt Ion: 83 Resp: 351502

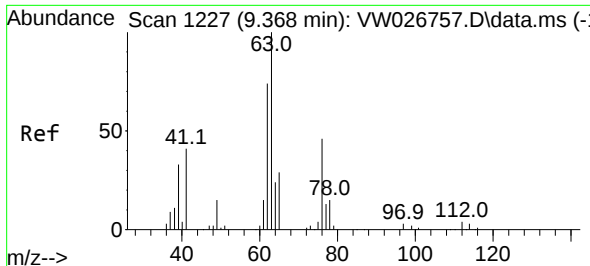
Ion Ratio Lower Upper

83 100

55 87.2 69.3 103.9

98 48.1 37.4 56.0





#37

1,2-Dichloropropane

Concen: 23.747 ug/L

RT: 9.361 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

Instrument :

MSVOA_W

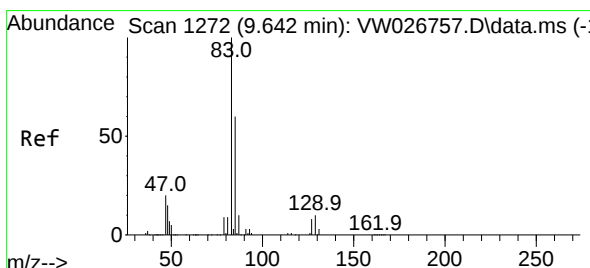
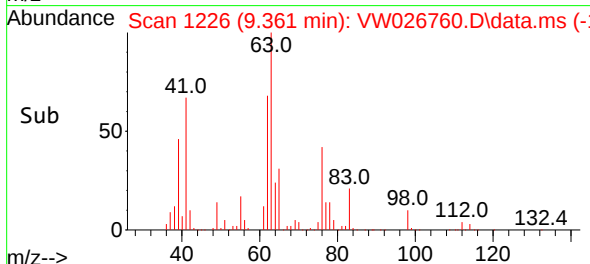
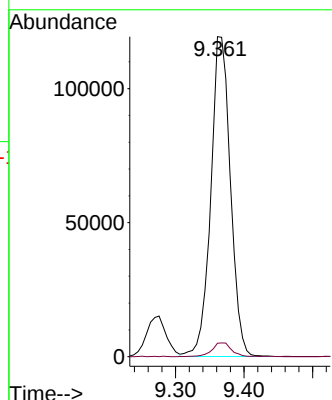
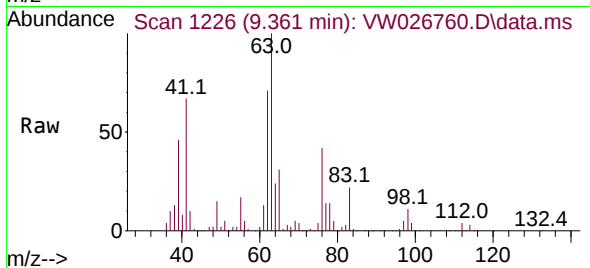
ClientSampleId :

Tgt Ion: 63 Resp: 237907

Ion Ratio Lower Upper

63 100

112 4.4 3.1 4.7



#38

Bromodichloromethane

Concen: 23.832 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

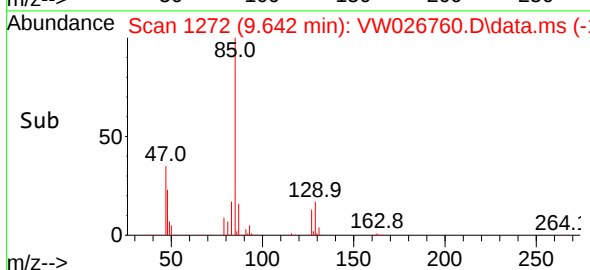
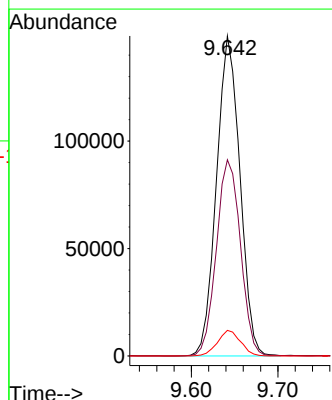
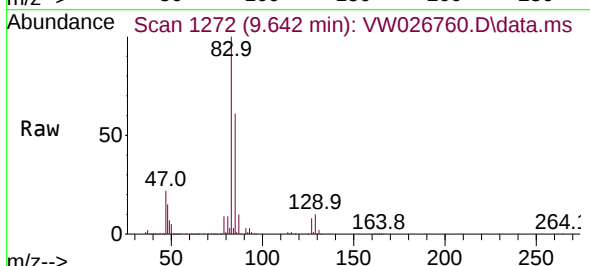
Tgt Ion: 83 Resp: 280092

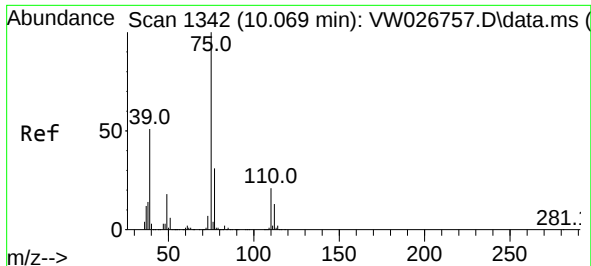
Ion Ratio Lower Upper

83 100

85 61.3 45.4 84.2

127 8.0 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 21.579 ug/L

RT: 10.068 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

Instrument :

MSVOA_W

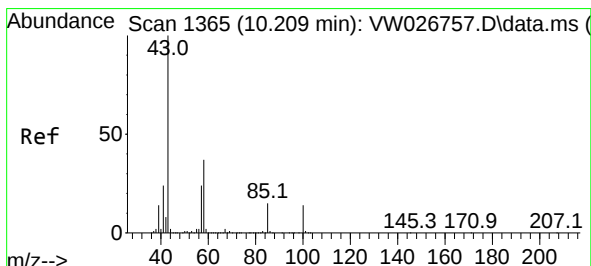
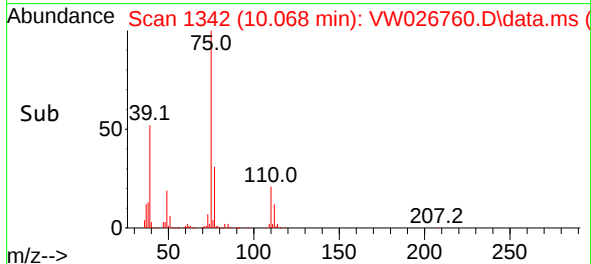
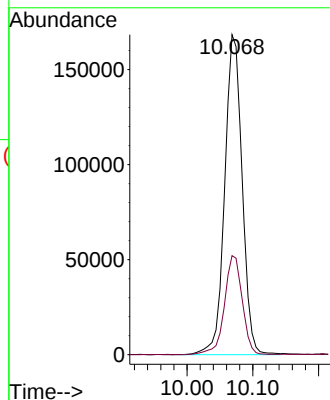
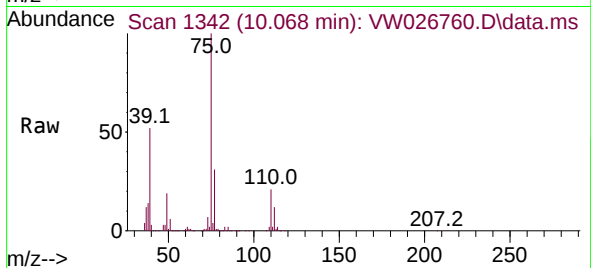
ClientSampleId :

Tgt Ion: 75 Resp: 311009

Ion Ratio Lower Upper

75 100

77 31.0 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 42.940 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

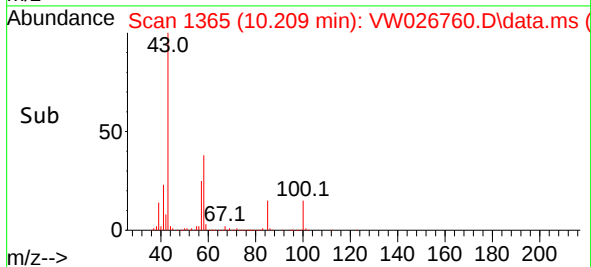
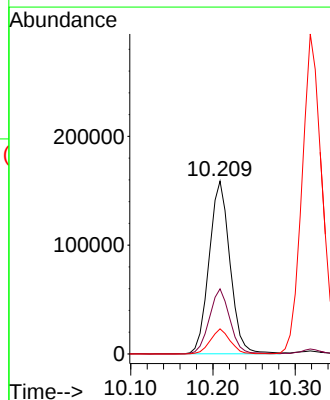
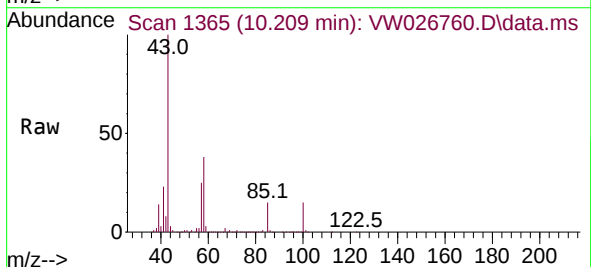
Tgt Ion: 43 Resp: 279825

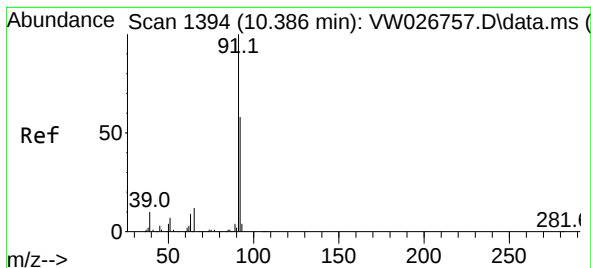
Ion Ratio Lower Upper

43 100

58 37.2 29.2 43.8

100 13.8 10.7 16.1





#42

Toluene

Concen: 24.425 ug/L

RT: 10.385 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

Instrument :

MSVOA_W

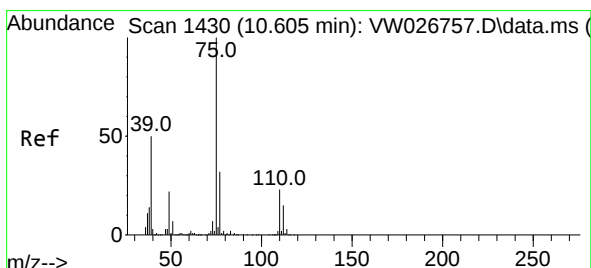
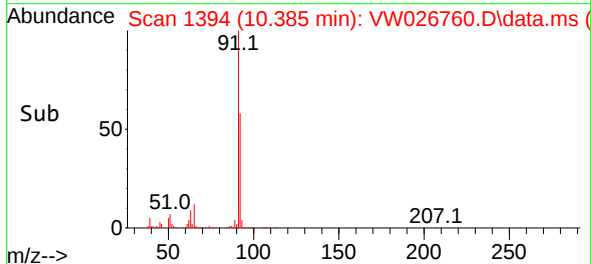
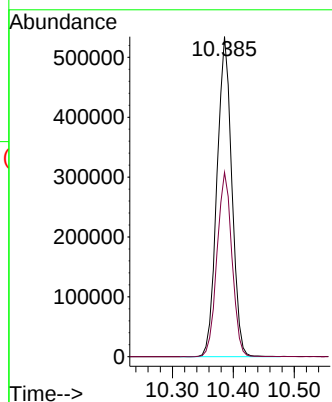
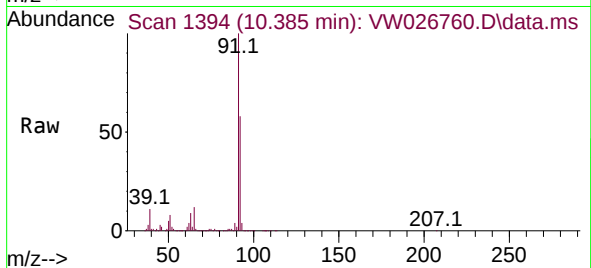
ClientSampleId :

Tgt Ion: 91 Resp: 903728

Ion Ratio Lower Upper

91 100

92 57.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 22.390 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW026760.D

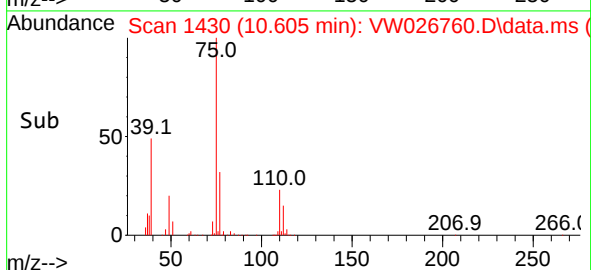
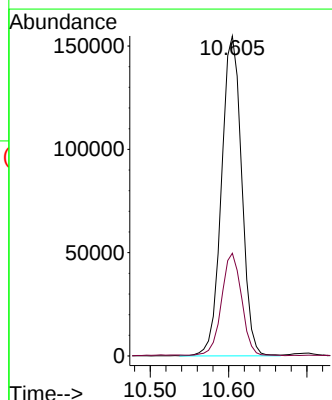
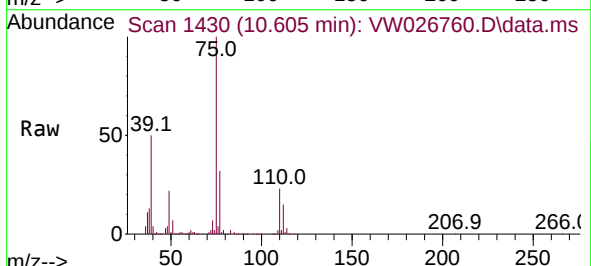
Acq: 17 Aug 2023 15:14

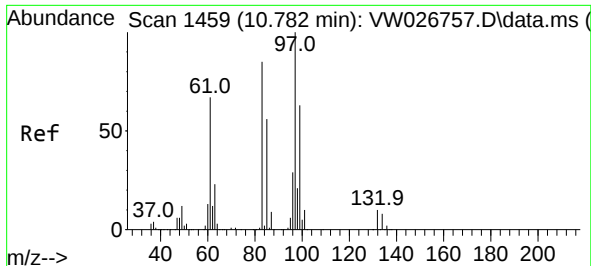
Tgt Ion: 75 Resp: 277746

Ion Ratio Lower Upper

75 100

77 32.1 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 23.268 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 159425

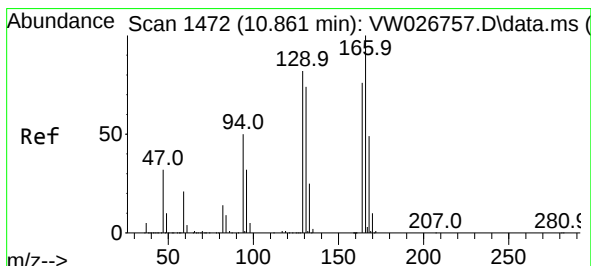
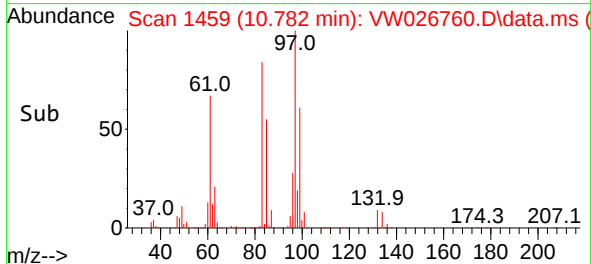
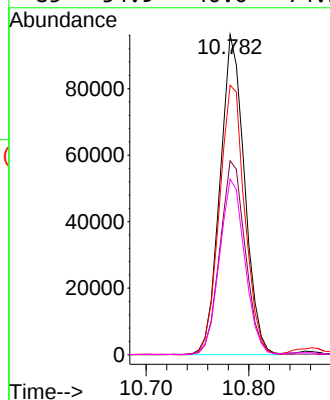
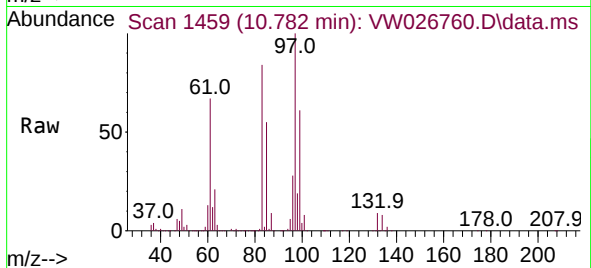
Ion Ratio Lower Upper

97 100

99 60.6 44.2 82.0

83 84.2 61.9 114.9

85 54.9 40.0 74.2



#46

Tetrachloroethene

Concen: 21.125 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

Tgt Ion:164 Resp: 142967

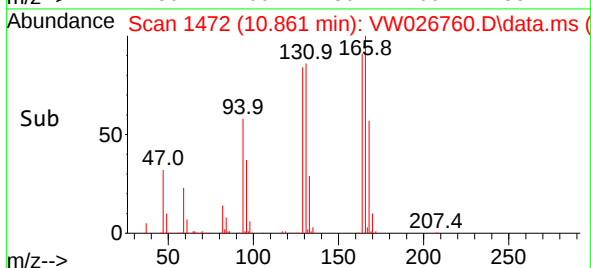
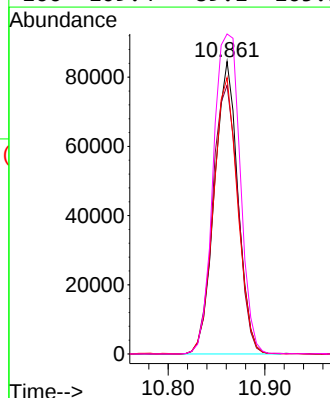
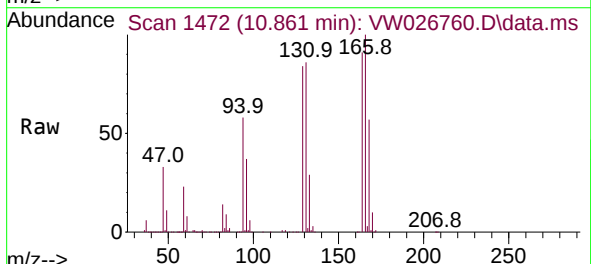
Ion Ratio Lower Upper

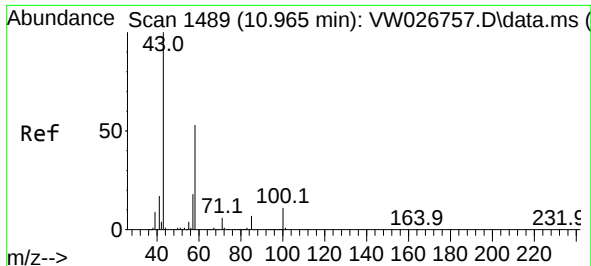
164 100

129 91.8 68.1 126.5

131 94.5 65.5 121.7

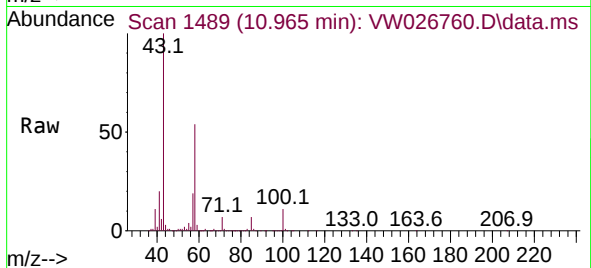
166 109.4 89.1 165.5



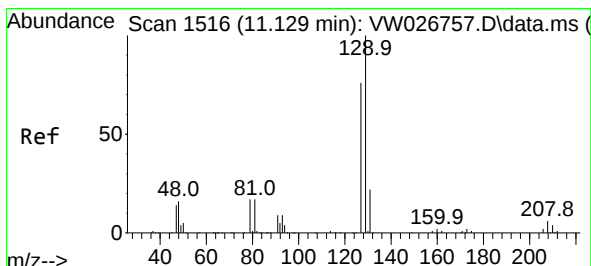
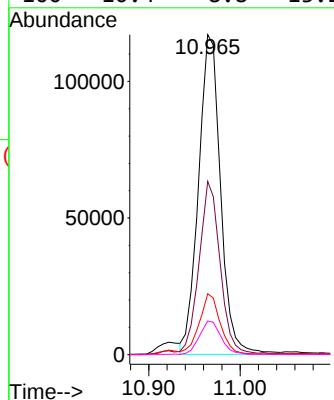
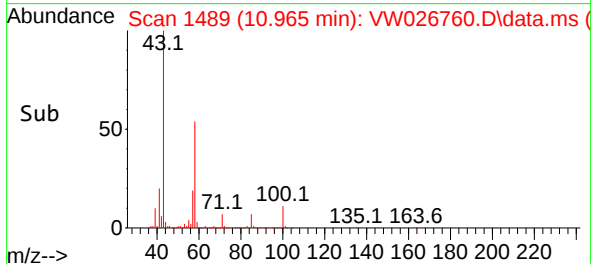


#48
2-Hexanone
Concen: 44.330 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

Instrument :
MSVOA_W
ClientSampleId :

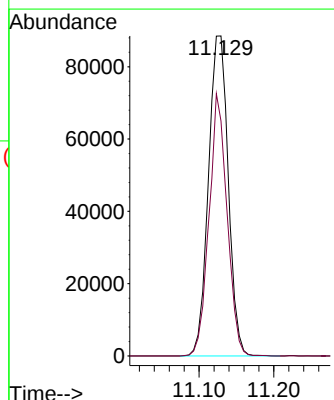
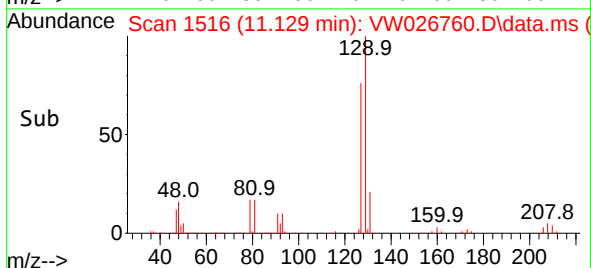
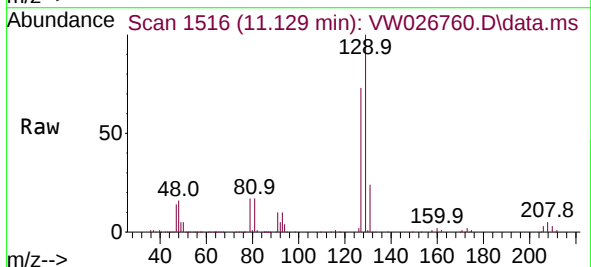


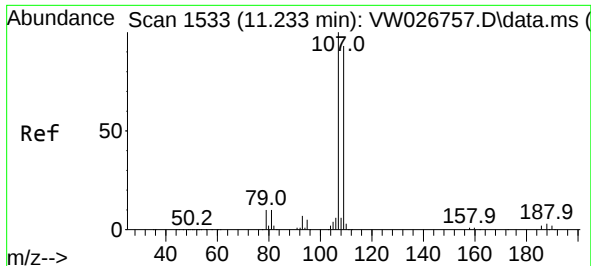
Tgt Ion: 43 Resp: 196570
Ion Ratio Lower Upper
43 100
58 51.9 41.1 61.7
57 18.4 14.3 21.5
100 10.4 8.8 13.2



#49
Dibromochloromethane
Concen: 22.721 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

Tgt Ion: 129 Resp: 162822
Ion Ratio Lower Upper
129 100
127 73.4 56.6 105.2





#50

1,2-Dibromoethane

Concen: 20.658 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

Instrument :

MSVOA_W

ClientSampleId :

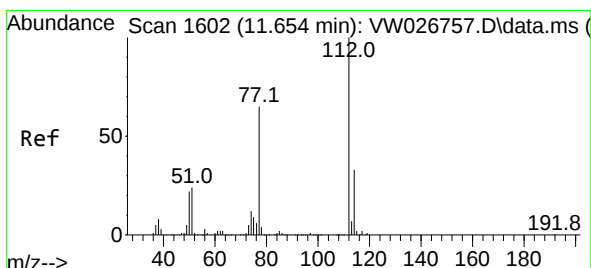
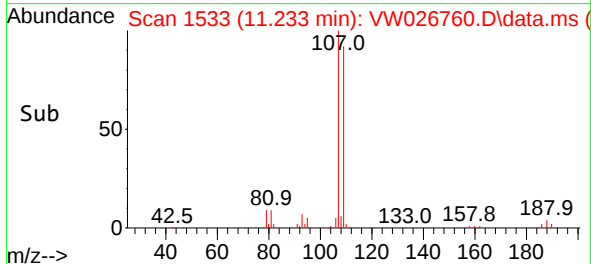
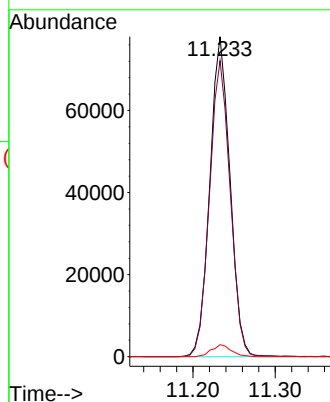
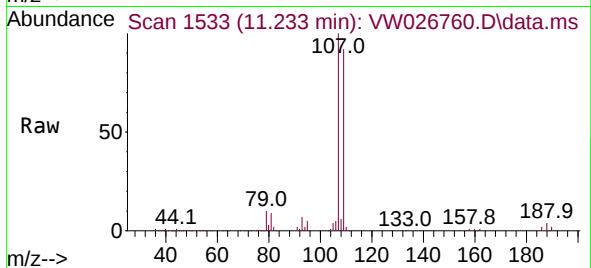
Tgt Ion:107 Resp: 132811

Ion Ratio Lower Upper

107 100

109 92.5 68.8 127.8

188 3.7 2.7 4.1



#51

Chlorobenzene

Concen: 22.780 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

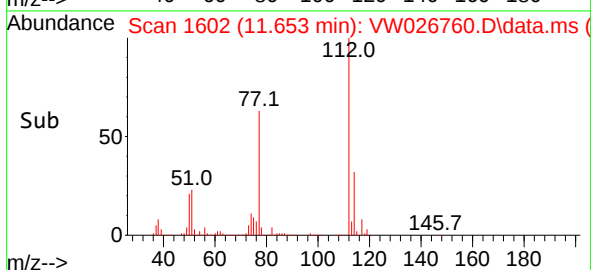
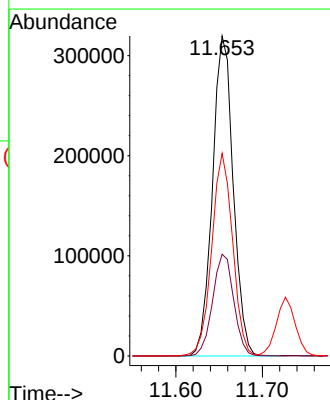
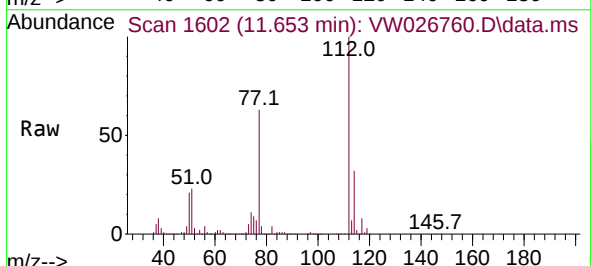
Tgt Ion:112 Resp: 532406

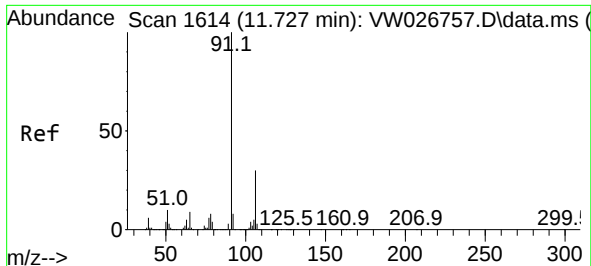
Ion Ratio Lower Upper

112 100

114 31.8 22.4 41.6

77 63.3 50.2 75.2

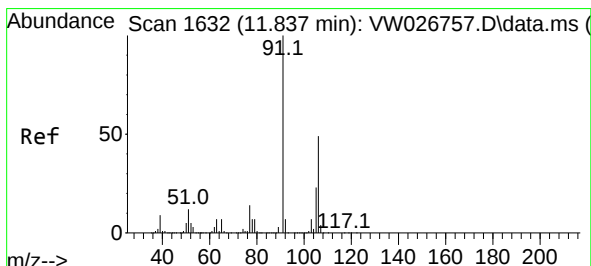
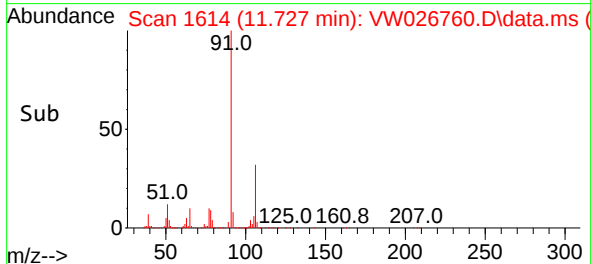
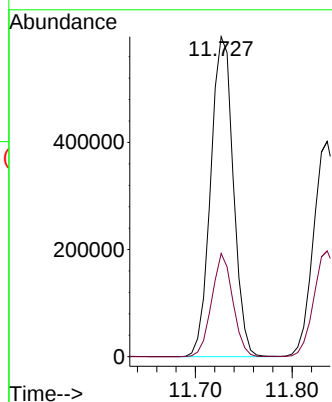
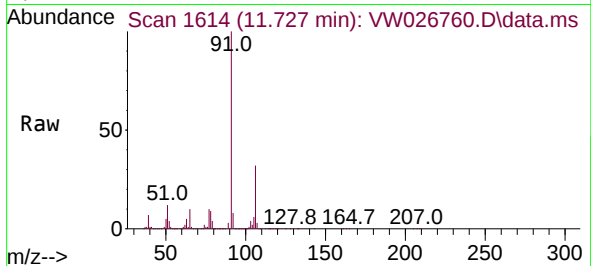




#52
Ethylbenzene
Concen: 23.378 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

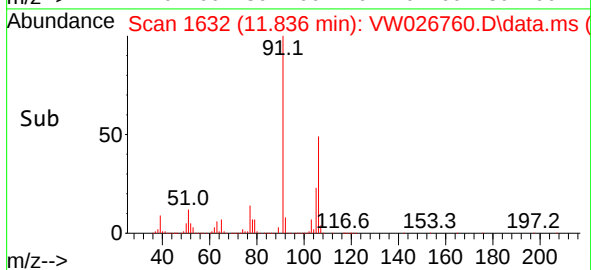
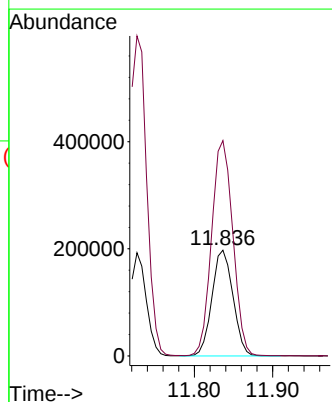
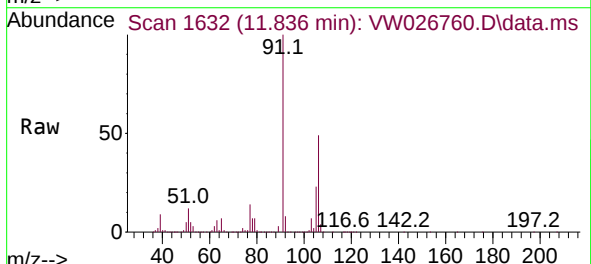
Instrument :
MSVOA_W
ClientSampleId :

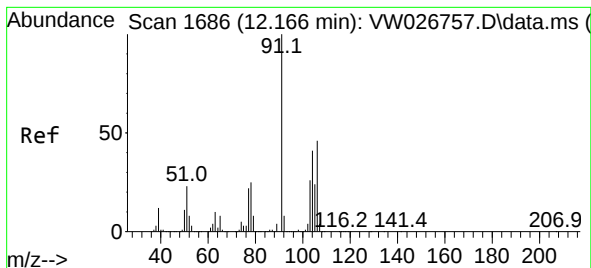
Tgt Ion: 91 Resp: 969978
Ion Ratio Lower Upper
91 100
106 32.2 20.2 37.6



#53
m,p-Xylene
Concen: 23.970 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

Tgt Ion:106 Resp: 368441
Ion Ratio Lower Upper
106 100
91 203.4 152.9 284.1

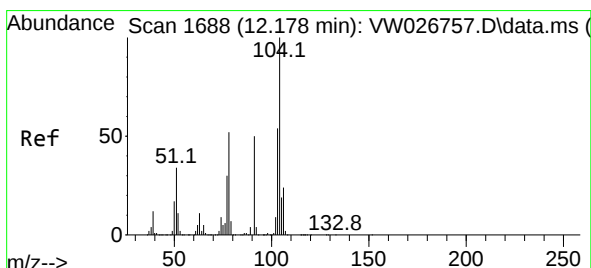
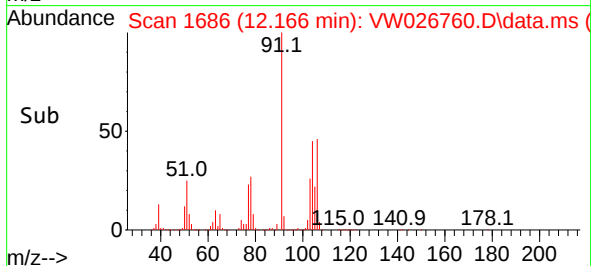
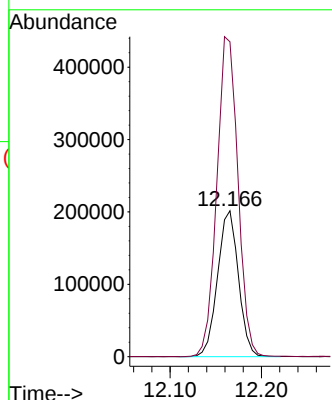
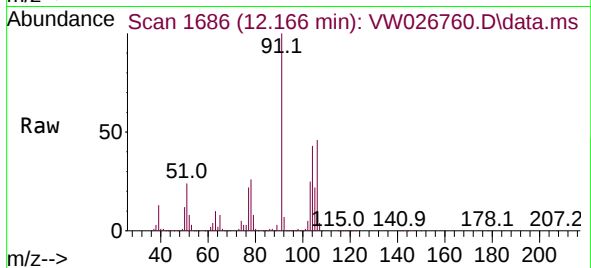




#54
o-Xylene
Concen: 22.342 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

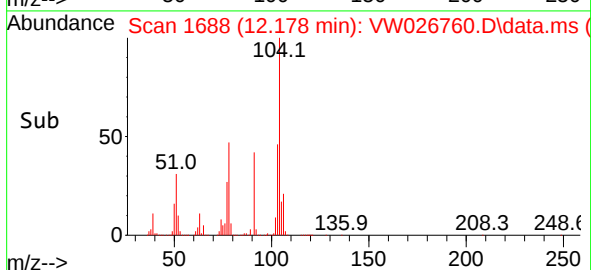
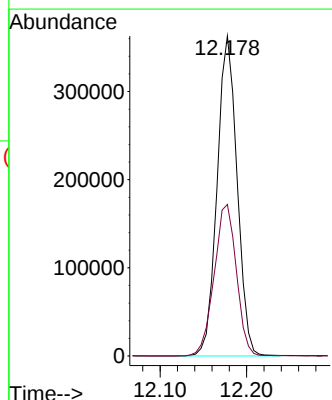
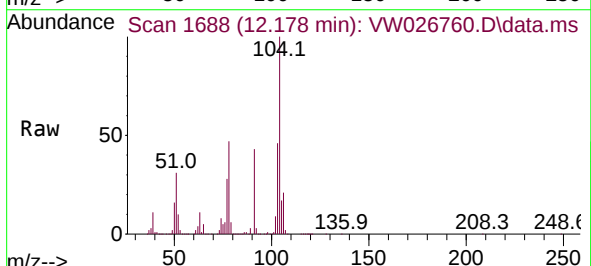
Instrument :
MSVOA_W
ClientSampleId :

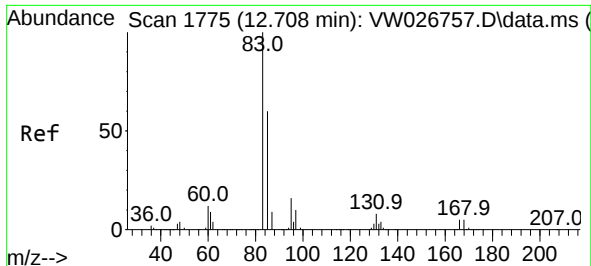
Tgt Ion:106 Resp: 320515
Ion Ratio Lower Upper
106 100
91 215.8 149.9 278.3



#55
Styrene
Concen: 23.331 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

Tgt Ion:104 Resp: 581954
Ion Ratio Lower Upper
104 100
78 47.4 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 21.964 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

Instrument :

MSVOA_W

ClientSampleId :

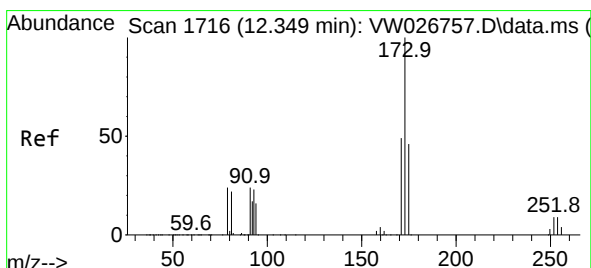
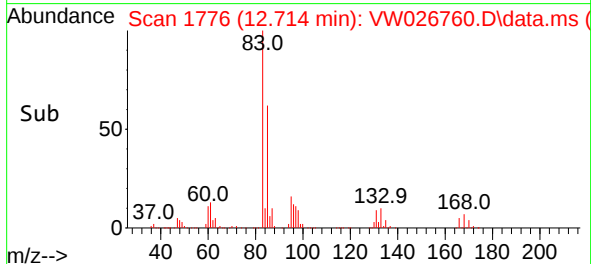
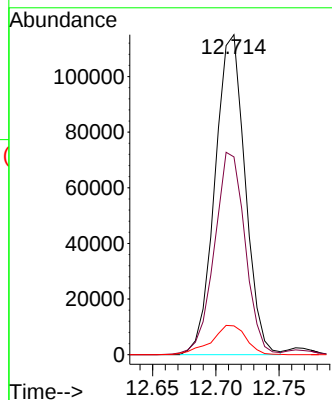
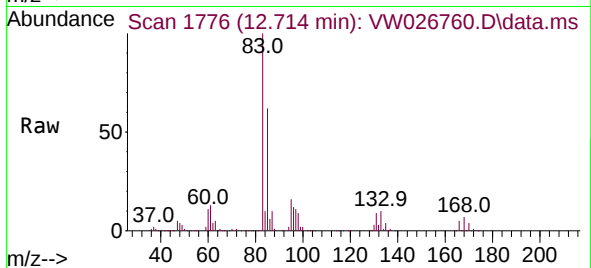
Tgt Ion: 83 Resp: 190592

Ion Ratio Lower Upper

83 100

85 61.8 44.9 83.3

131 9.0 7.4 11.0



#59

Bromoform

Concen: 21.229 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

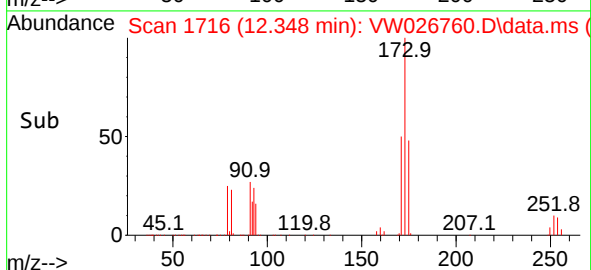
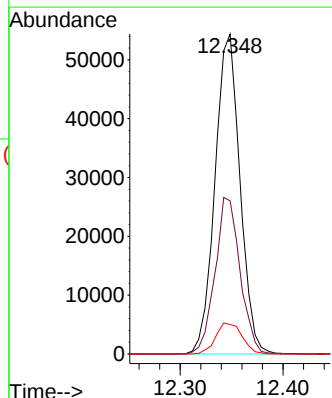
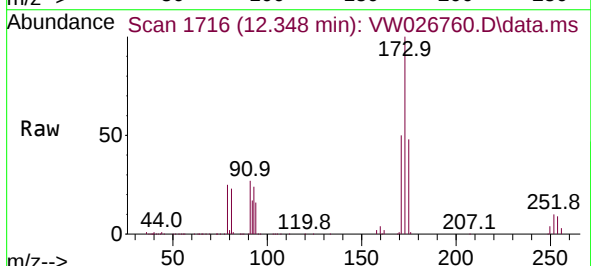
Tgt Ion: 173 Resp: 91578

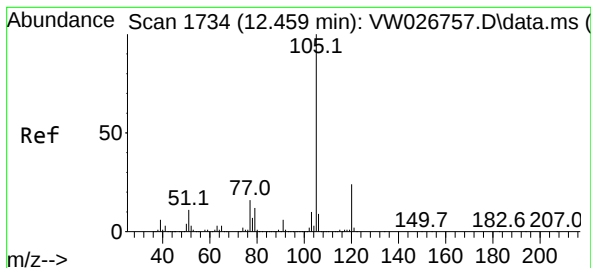
Ion Ratio Lower Upper

173 100

175 49.1 36.6 55.0

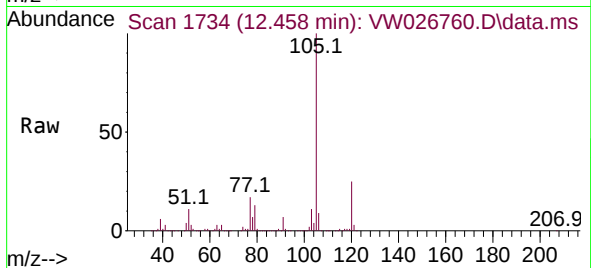
254 10.2 7.8 11.6



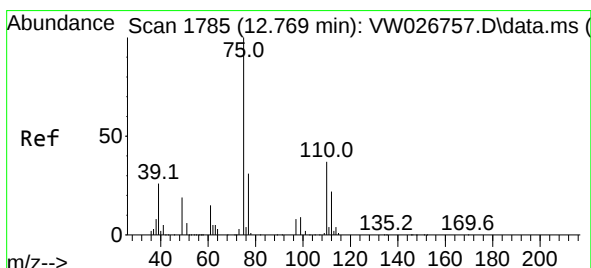
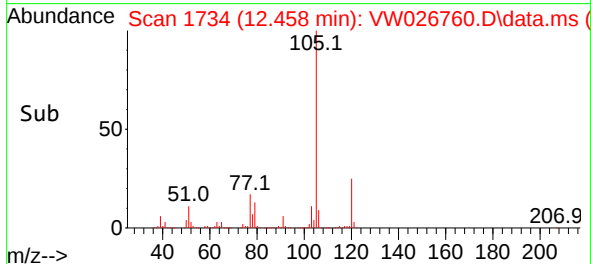
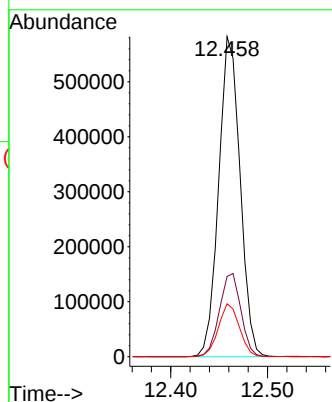


#60
Isopropylbenzene
Concen: 21.838 ug/L
RT: 12.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

Instrument :
MSVOA_W
ClientSampleId :

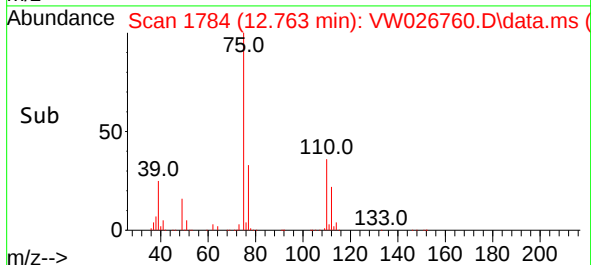
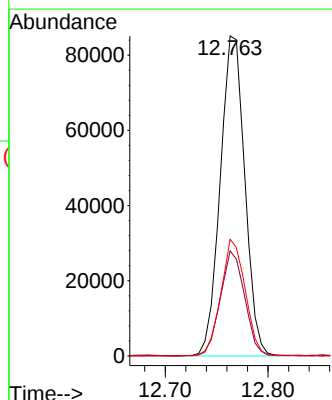
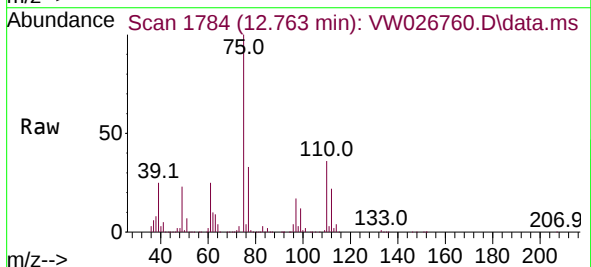


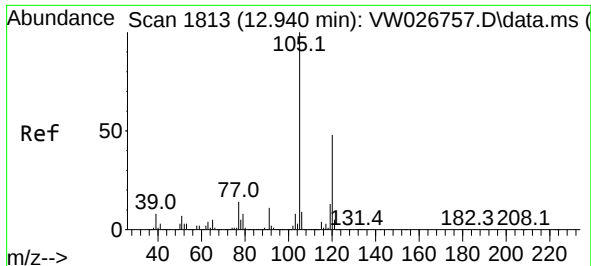
Tgt Ion:105 Resp: 894064
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 16.2 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 21.204 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

Tgt Ion: 75 Resp: 141640
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
110 36.1 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 24.175 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

Instrument :

MSVOA_W

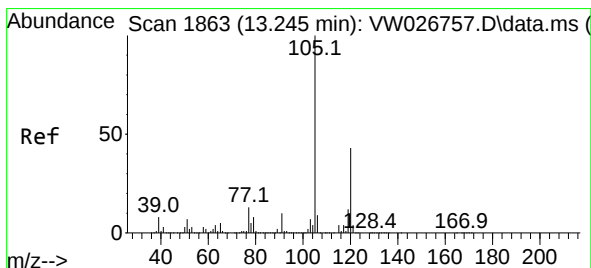
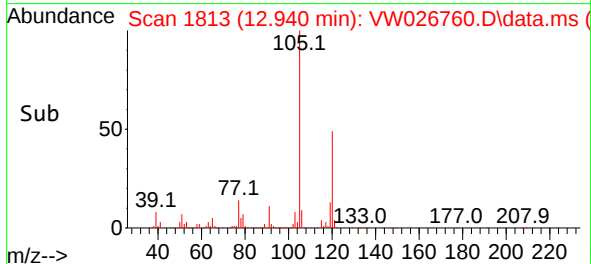
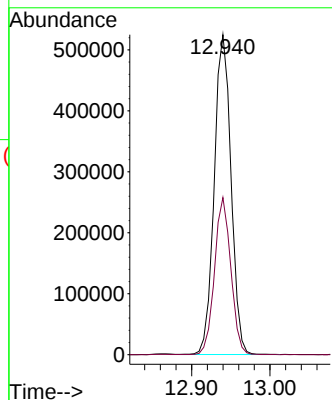
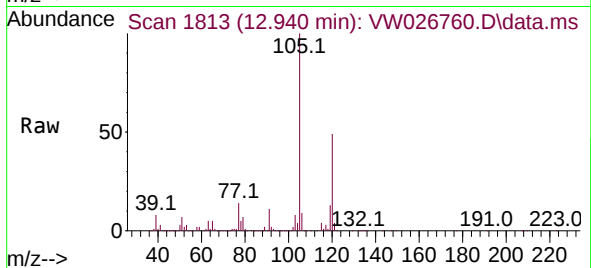
ClientSampleId :

Tgt Ion:105 Resp: 782309

Ion Ratio Lower Upper

105 100

120 47.6 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 24.558 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW026760.D

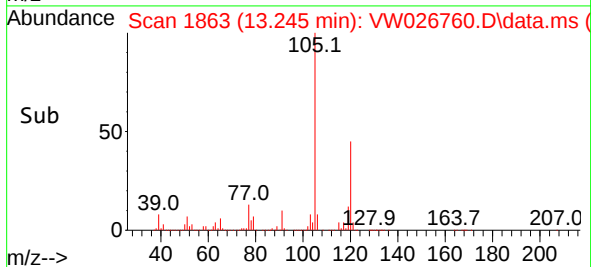
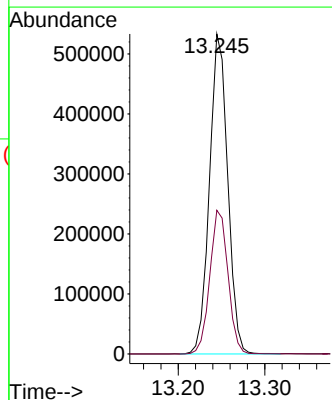
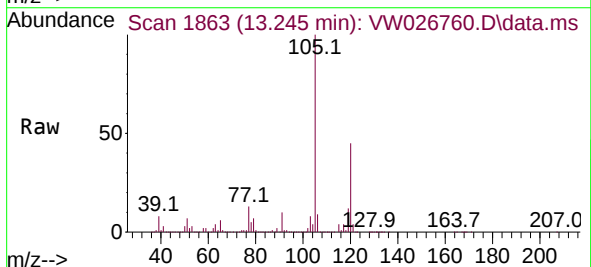
Acq: 17 Aug 2023 15:14

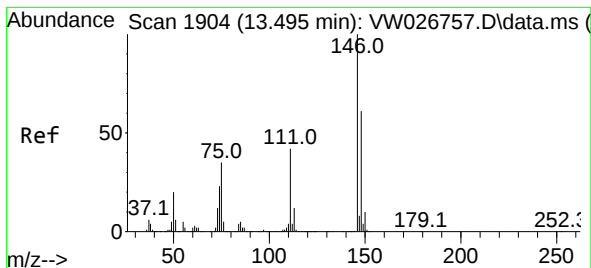
Tgt Ion:105 Resp: 778751

Ion Ratio Lower Upper

105 100

120 44.8 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 22.687 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

Instrument :

MSVOA_W

ClientSampleId :

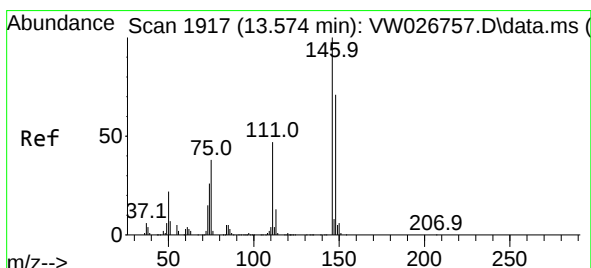
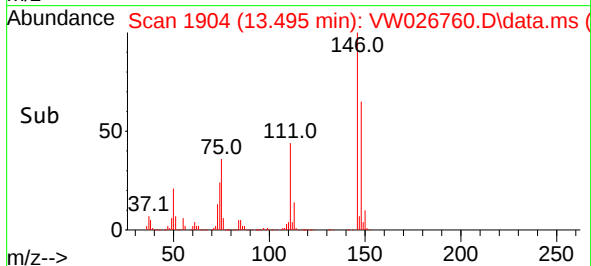
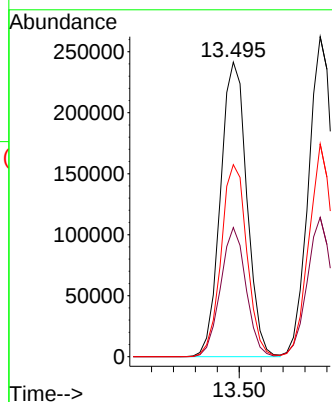
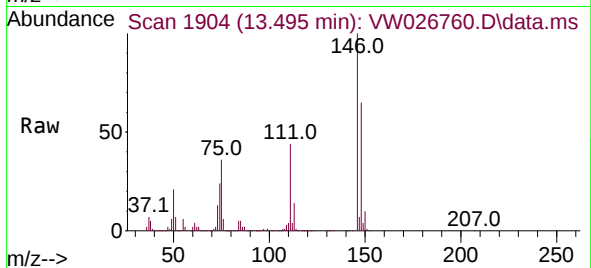
Tgt Ion:146 Resp: 403954

Ion Ratio Lower Upper

146 100

111 43.9 29.1 54.1

148 65.2 38.8 72.0



#65

1,4-Dichlorobenzene

Concen: 22.232 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

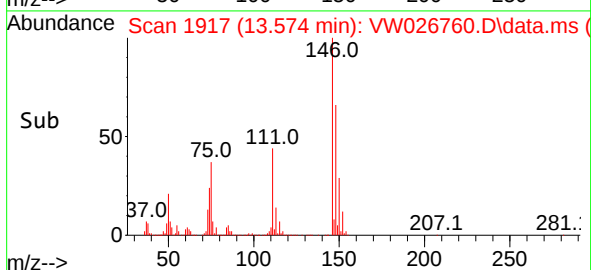
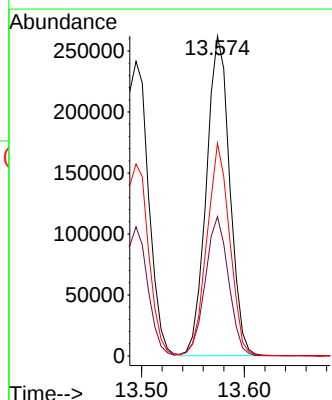
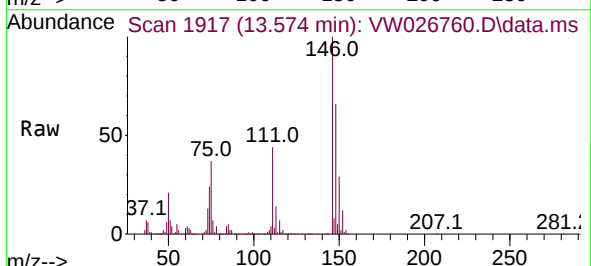
Tgt Ion:146 Resp: 413111

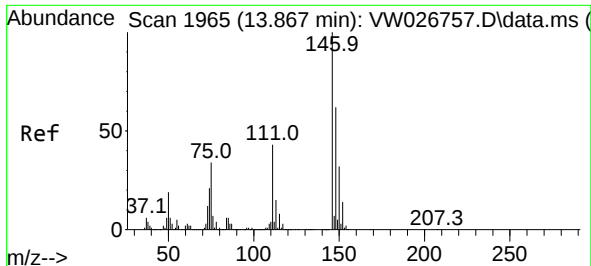
Ion Ratio Lower Upper

146 100

111 43.5 28.3 52.7

148 66.5 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 23.705 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

Instrument :

MSVOA_W

ClientSampleId :

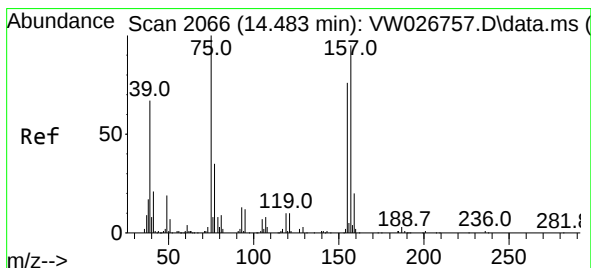
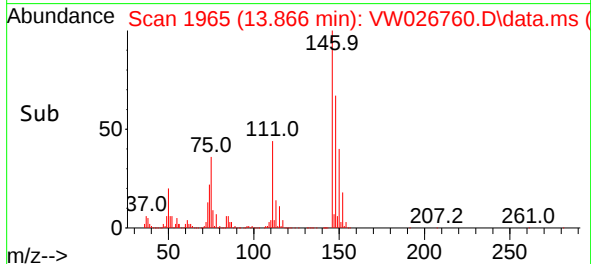
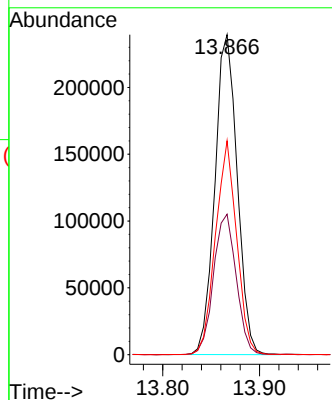
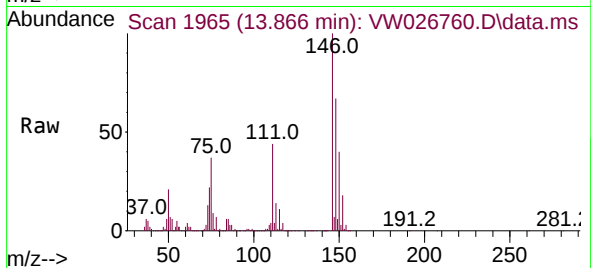
Tgt Ion:146 Resp: 383825

Ion Ratio Lower Upper

146 100

111 43.9 34.6 52.0

148 66.8 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 19.718 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

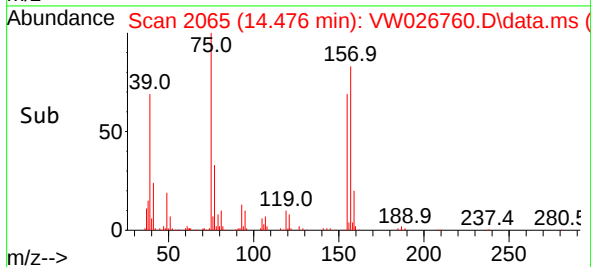
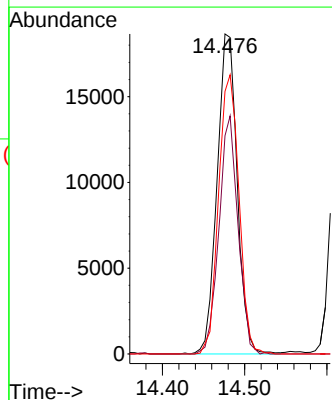
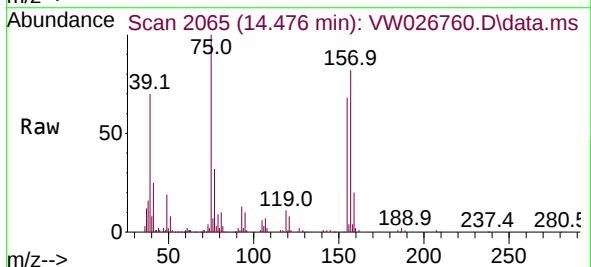
Tgt Ion: 75 Resp: 31753

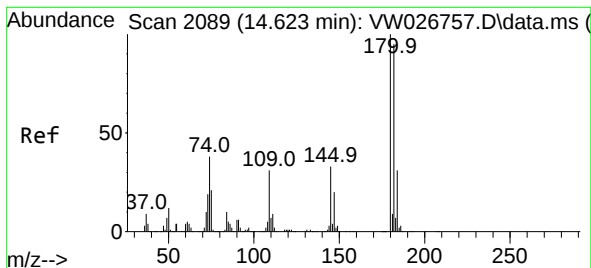
Ion Ratio Lower Upper

75 100

155 68.2 55.0 82.6

157 82.0 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 20.537 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

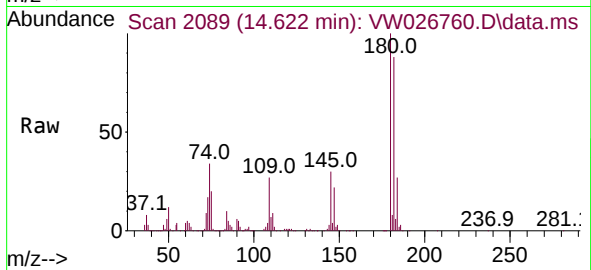
Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 247053

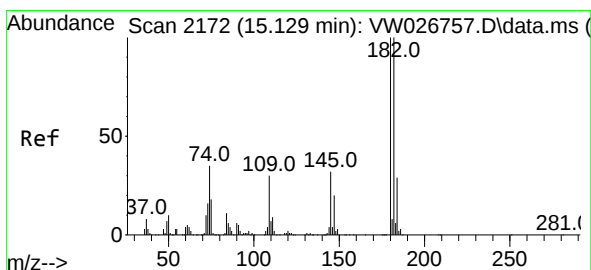
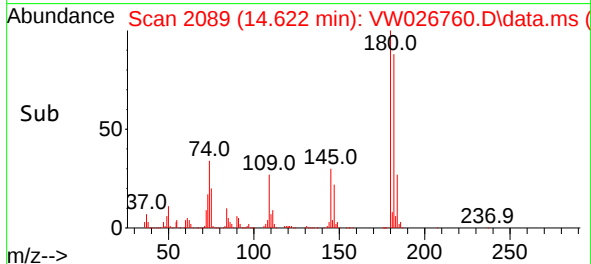
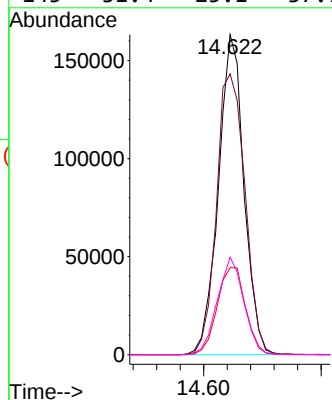
Ion Ratio Lower Upper

180 100

182 97.6 75.2 112.8

184 30.2 23.8 35.8

145 31.4 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 21.676 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026760.D

Acq: 17 Aug 2023 15:14

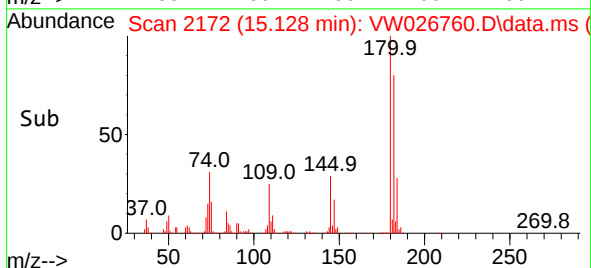
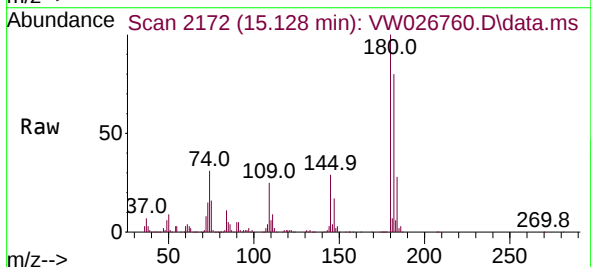
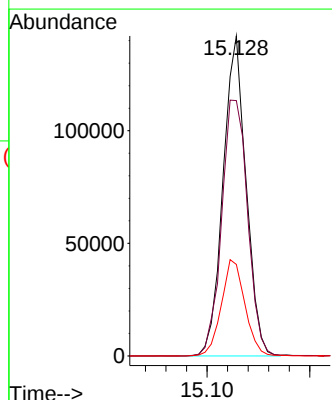
Tgt Ion:180 Resp: 221078

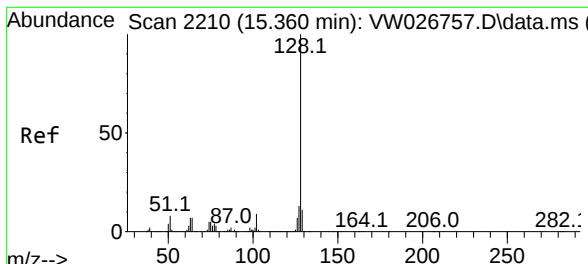
Ion Ratio Lower Upper

180 100

182 90.2 72.5 108.7

145 30.9 24.7 37.1

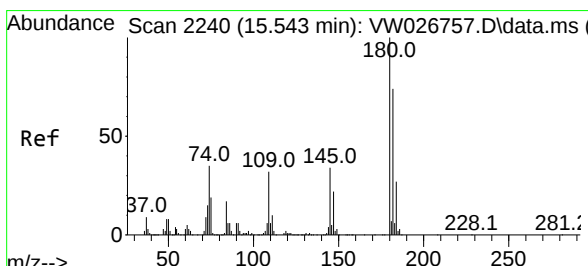
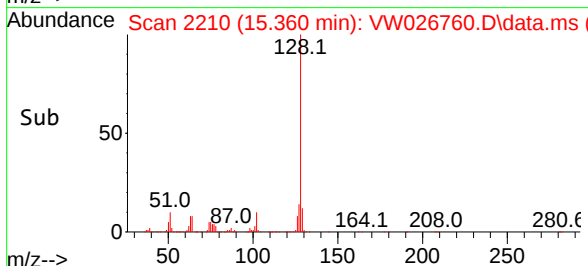
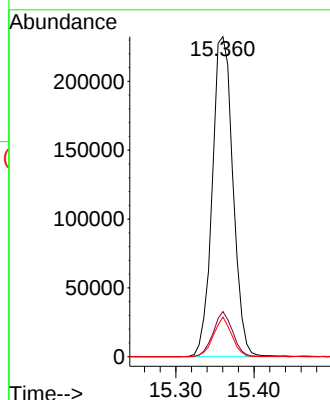
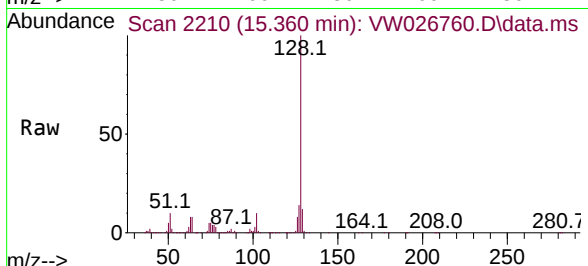




#71
Naphthalene
Concen: 21.927 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	426585
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.7	16.1
129	11.0	9.0	13.4



#72
1,2,3-Trichlorobenzene
Concen: 22.044 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW026760.D
Acq: 17 Aug 2023 15:14

Tgt Ion:	180	Resp:	202789
Ion Ratio	Lower	Upper	
180	100		
182	96.2	74.6	112.0
145	35.3	27.0	40.6

