

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102423\
 Data File : VW027406.D
 Acq On : 24 Oct 2023 10:20
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 25 01:24:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 21 04:25:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	394000	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	352485	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	177125	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	132718	22.072	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.280%
7) Chloroethane-d5	2.899	69	108932	25.230	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.920%
11) 1,1-Dichloroethene-d2	4.021	65	68680	22.795	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.160%
21) 2-Butanone-d5	7.081	46	78380	39.217	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.440%
24) Chloroform-d	7.648	84	291722	24.842	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.360%
26) 1,2-Dichloroethane-d4	8.307	65	144131	22.848	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	8.276	84	584014	24.489	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.960%
36) 1,2-Dichloropropane-d6	9.270	67	182086	24.998	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.000%
41) Toluene-d8	10.318	98	495886	22.930	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.720%
43) trans-1,3-Dichloroprop...	10.575	79	67695	20.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.520%
47) 2-Hexanone-d5	10.922	63	60020	39.826	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	121878	22.426	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	153260	23.877	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	93011	19.841	ug/L	# 72
3) Chloromethane	2.222	50	137473	25.517	ug/L	100
5) Vinyl chloride	2.375	62	156901	26.073	ug/L	98
6) Bromomethane	2.789	94	83267	24.293	ug/L	91
8) Chloroethane	2.936	64	91277	26.350	ug/L	96
9) Trichlorofluoromethane	3.271	101	125590	29.581	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	131525	24.740	ug/L	94
12) 1,1-Dichloroethene	4.039	96	130084	25.178	ug/L	93
13) Acetone	4.124	43	74299	43.042	ug/L	97
14) Carbon disulfide	4.387	76	351821	21.966	ug/L	99
15) Methyl Acetate	4.673	43	59548	20.197	ug/L	96
16) Methylene chloride	4.917	84	142754	19.794	ug/L	92
17) trans-1,2-Dichloroethene	5.423	96	134291	24.186	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	214609	22.402	ug/L	99
19) 1,1-Dichloroethane	6.216	63	293530	25.910	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	155340	24.773	ug/L	97
22) 2-Butanone	7.173	43	88307	34.177	ug/L	100
23) Bromochloromethane	7.514	128	60108	23.218	ug/L	87
25) Chloroform	7.673	83	276848	26.111	ug/L	100

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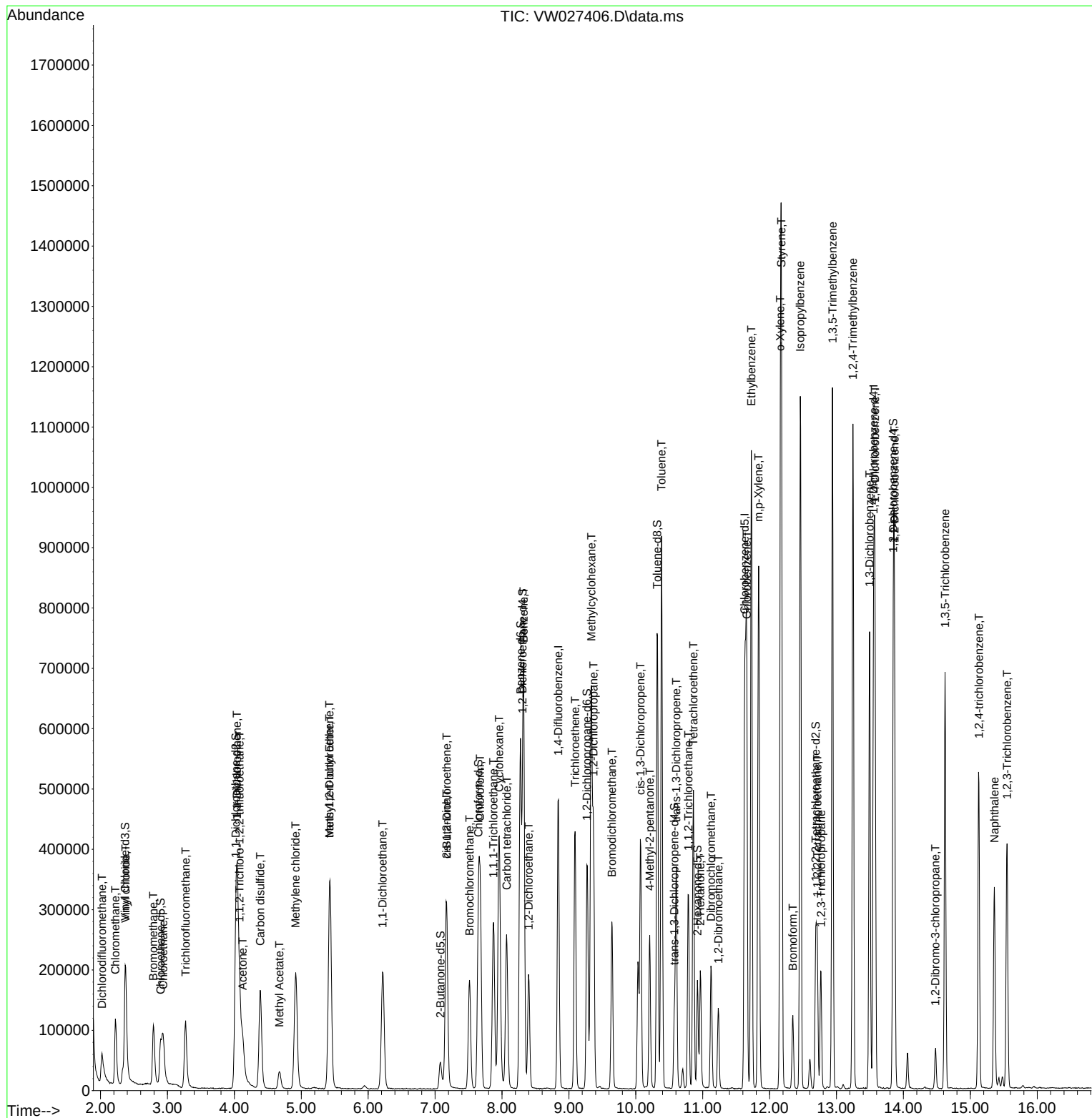
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	170694	23.700	ug/L	99
29) Cyclohexane	7.959	56	266786	24.928	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	226690	26.365	ug/L	98
31) Carbon tetrachloride	8.069	117	193338	24.937	ug/L	99
33) Benzene	8.325	78	602645	26.161	ug/L	100
34) Trichloroethene	9.093	95	156844	25.776	ug/L	93
35) Methylcyclohexane	9.337	83	268692	24.692	ug/L	99
37) 1,2-Dichloropropane	9.367	63	163022	26.173	ug/L	99
38) Bromodichloromethane	9.642	83	186131	24.302	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	244053	23.720	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	174295	40.689	ug/L	98
42) Toluene	10.386	91	627932	25.984	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	197007	22.692	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	102501	23.914	ug/L	96
46) Tetrachloroethene	10.861	164	102900	24.490	ug/L	94
48) 2-Hexanone	10.965	43	129517	40.851	ug/L	97
49) Dibromochloromethane	11.123	129	103512	21.746	ug/L	96
50) 1,2-Dibromoethane	11.233	107	92763	22.322	ug/L #	99
51) Chlorobenzene	11.660	112	382460	25.274	ug/L	96
52) Ethylbenzene	11.727	91	740106	26.355	ug/L	99
53) m,p-Xylene	11.836	106	270120	25.361	ug/L	99
54) o-Xylene	12.160	106	259024	25.395	ug/L	96
55) Styrene	12.178	104	441292	25.333	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	117330	22.424	ug/L	96
59) Bromoform	12.349	173	54058	20.510	ug/L	97
60) Isopropylbenzene	12.458	105	743937	26.736	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	83931	21.702	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	593868	25.587	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	584725	25.748	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	281524	24.950	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	287222	25.489	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	247959	24.765	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	17758	18.372	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	182624	24.932	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	156539	25.108	ug/L	98
71) Naphthalene	15.360	128	274993	21.449	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	121280	23.657	ug/L	97

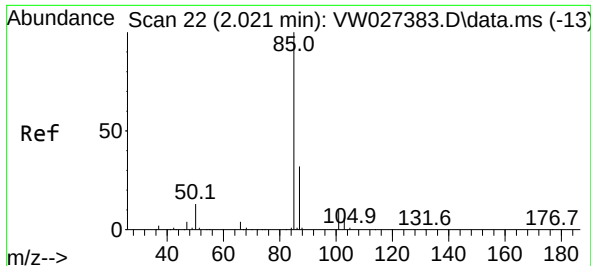
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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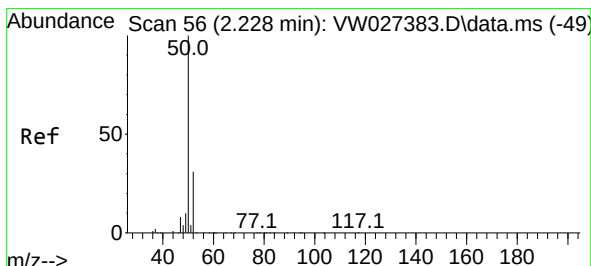
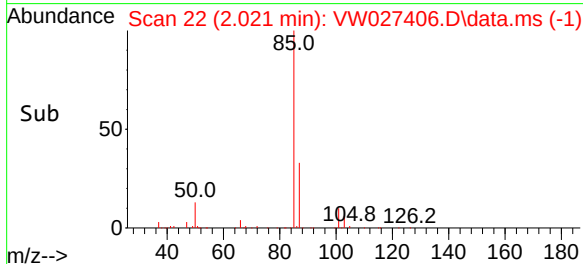
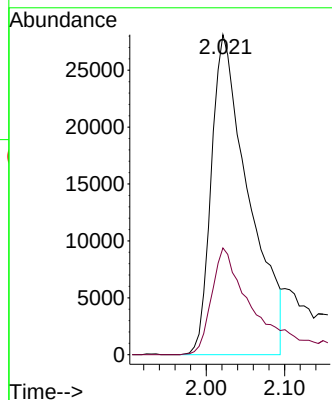
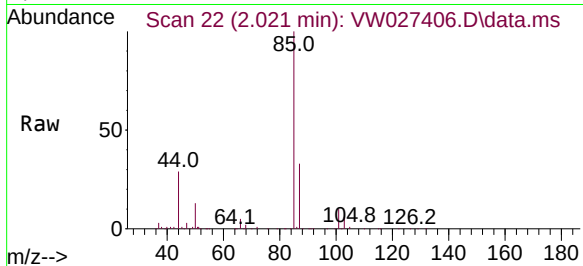




#2
Dichlorodifluoromethane
Concen: 19.841 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027406.D
Acq: 24 Oct 2023 10:20

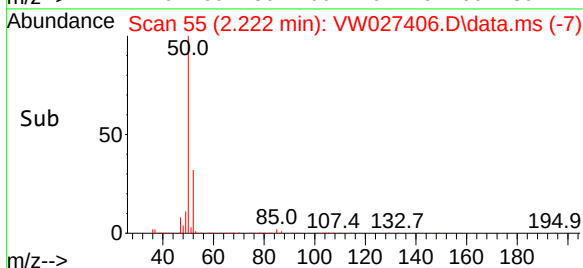
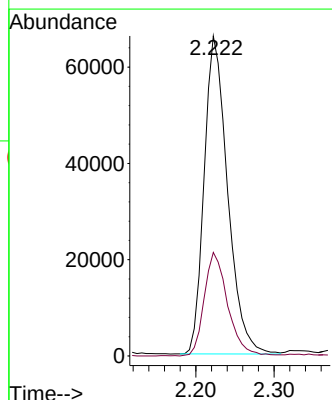
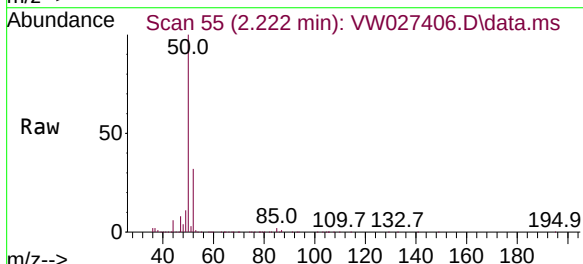
Instrument :
MSVOA_W
ClientSampleId :

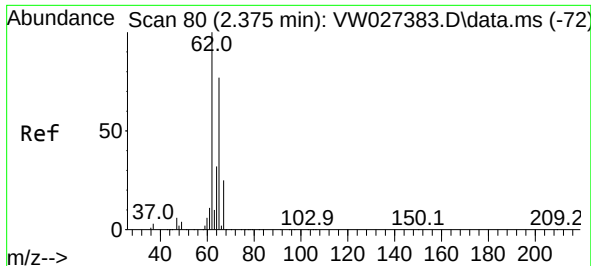
Tgt Ion: 85 Resp: 93011
Ion Ratio Lower Upper
85 100
87 36.3 18.3 27.5#



#3
Chloromethane
Concen: 25.517 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW027406.D
Acq: 24 Oct 2023 10:20

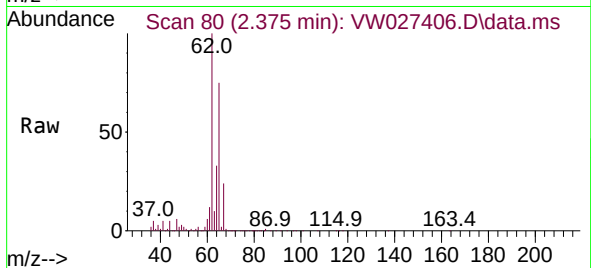
Tgt Ion: 50 Resp: 137473
Ion Ratio Lower Upper
50 100
52 32.3 22.7 42.3



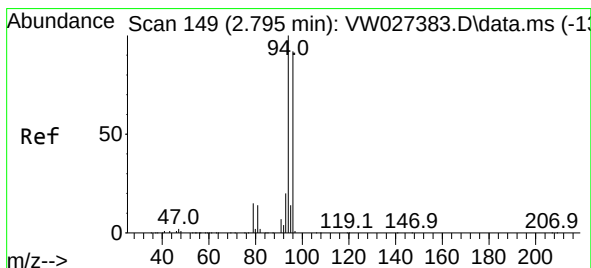
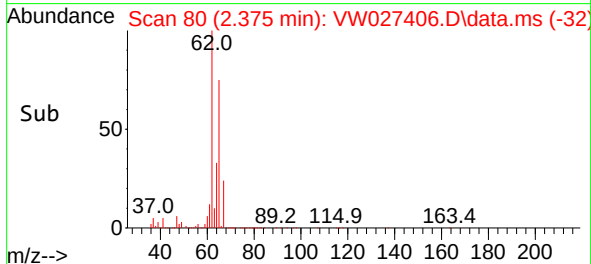
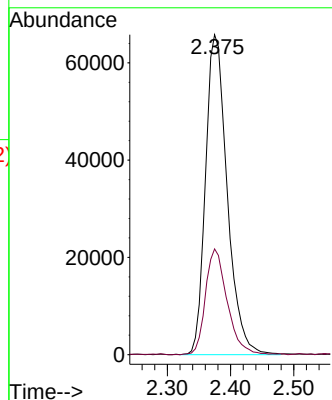


#5
 Vinyl chloride
 Concen: 26.073 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW027406.D
 Acq: 24 Oct 2023 10:20

Instrument :
 MSVOA_W
 ClientSampleId :

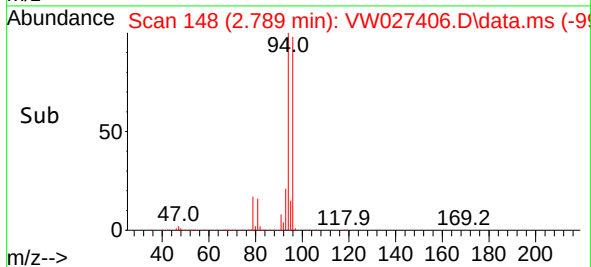
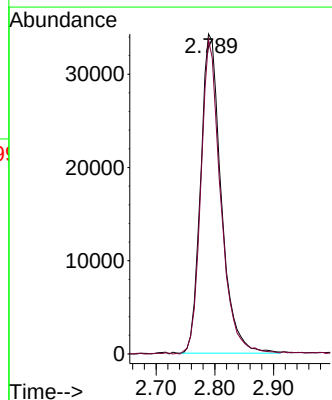
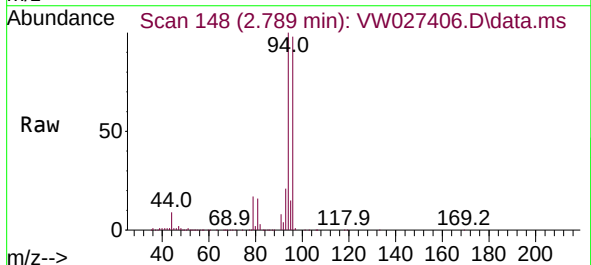


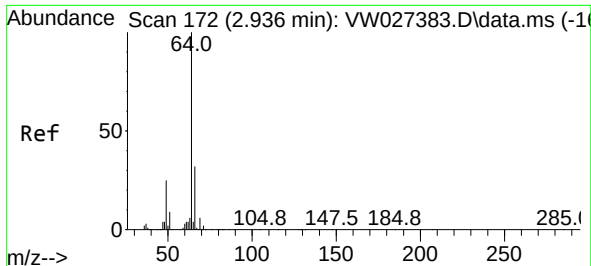
Tgt Ion: 62 Resp: 156901
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.8 44.2



#6
 Bromomethane
 Concen: 24.293 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027406.D
 Acq: 24 Oct 2023 10:20

Tgt Ion: 94 Resp: 83267
 Ion Ratio Lower Upper
 94 100
 96 98.2 62.9 116.9

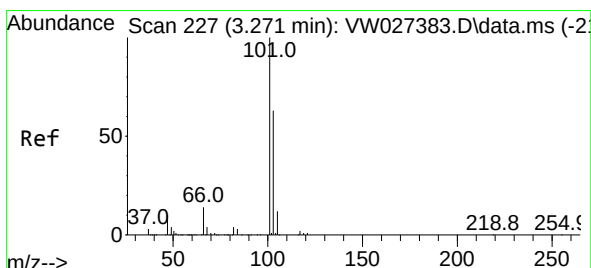
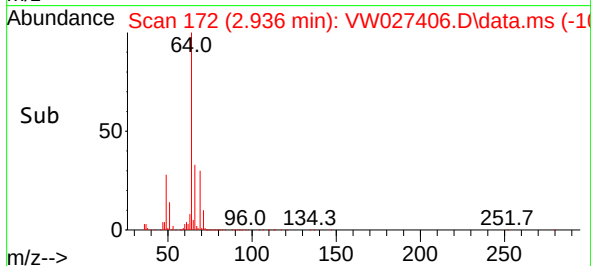
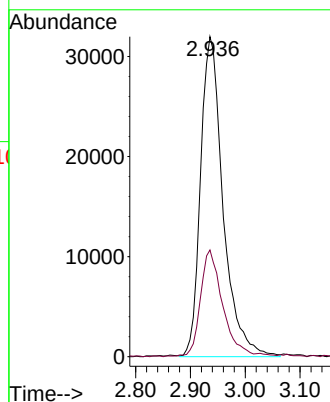
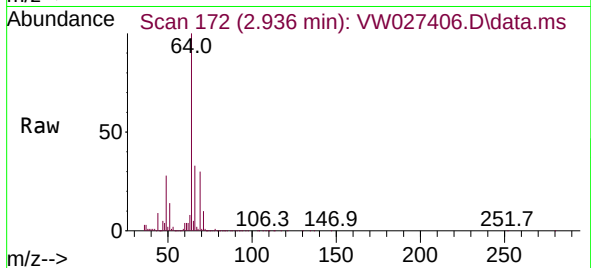




#8
Chloroethane
Concen: 26.350 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027406.D
Acq: 24 Oct 2023 10:20

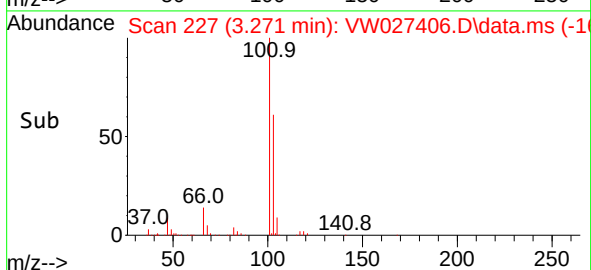
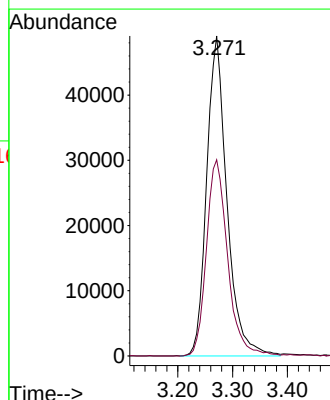
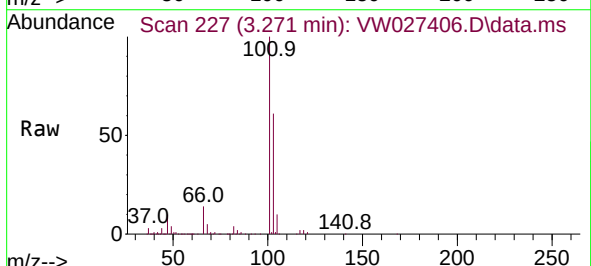
Instrument :
MSVOA_W
ClientSampleId :

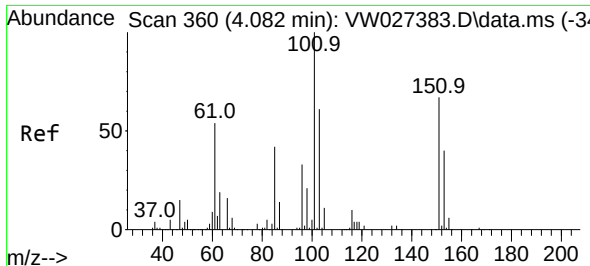
Tgt Ion: 64 Resp: 91277
Ion Ratio Lower Upper
64 100
66 33.3 21.7 40.3



#9
Trichlorofluoromethane
Concen: 29.581 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW027406.D
Acq: 24 Oct 2023 10:20

Tgt Ion: 101 Resp: 125590
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

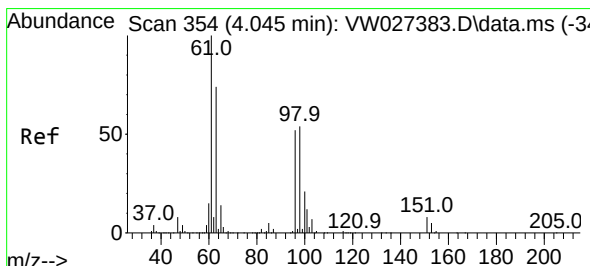
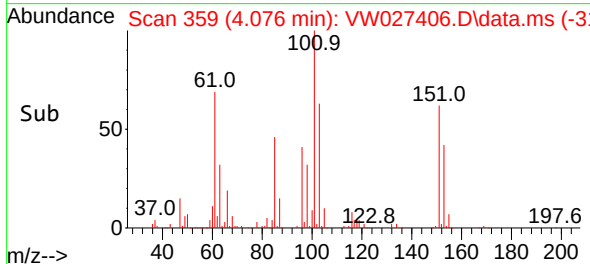
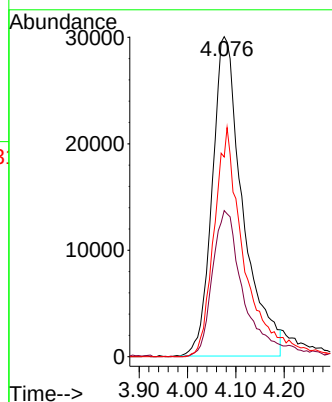
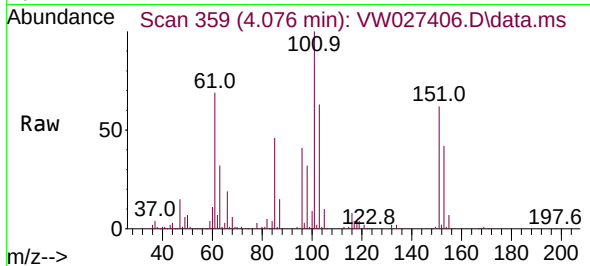




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.740 ug/L
 RT: 4.076 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VW027406.D
 Acq: 24 Oct 2023 10:20

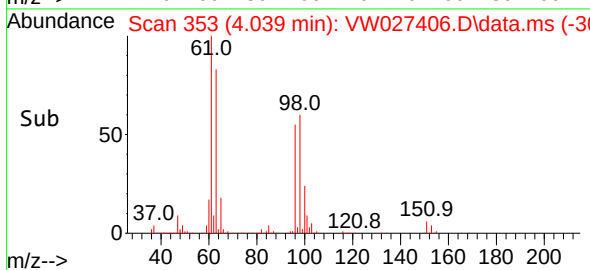
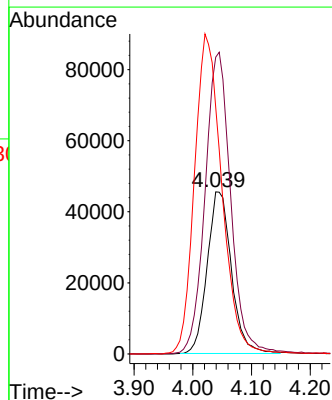
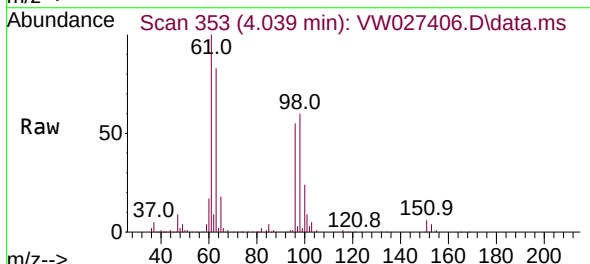
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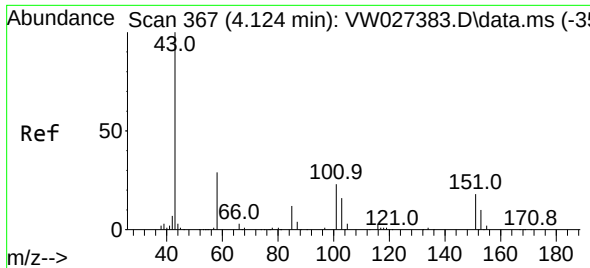
Tgt Ion:101 Resp: 131525
 Ion Ratio Lower Upper
 101 100
 85 46.0 34.1 51.1
 151 67.4 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 25.178 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.012 min
 Lab File: VW027406.D
 Acq: 24 Oct 2023 10:20

Tgt Ion: 96 Resp: 130084
 Ion Ratio Lower Upper
 96 100
 61 183.2 133.3 247.5
 63 152.2 115.8 215.2





#13

Acetone

Concen: 43.042 ug/L

RT: 4.124 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

Instrument :

MSVOA_W

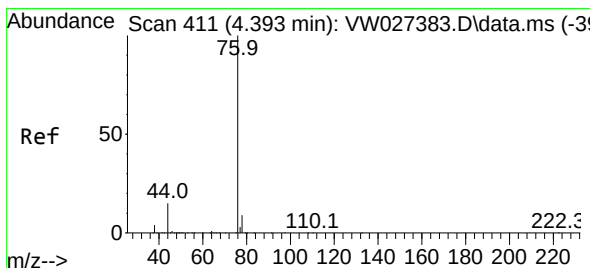
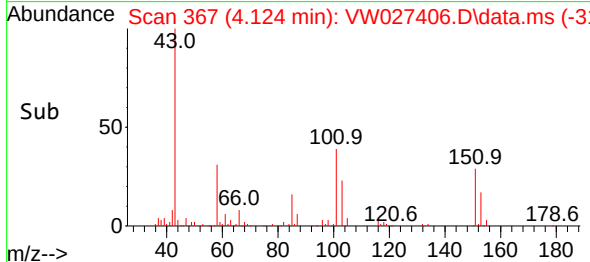
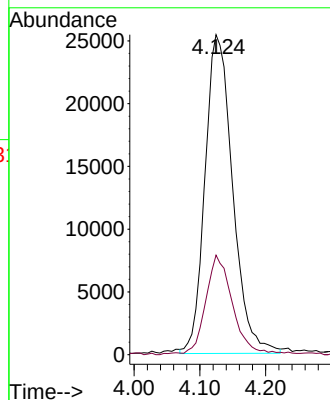
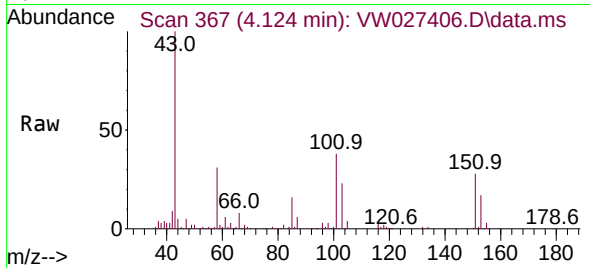
ClientSampleId :

Tgt Ion: 43 Resp: 74299

Ion Ratio Lower Upper

43 100

58 28.5 0.0 60.8



#14

Carbon disulfide

Concen: 21.966 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

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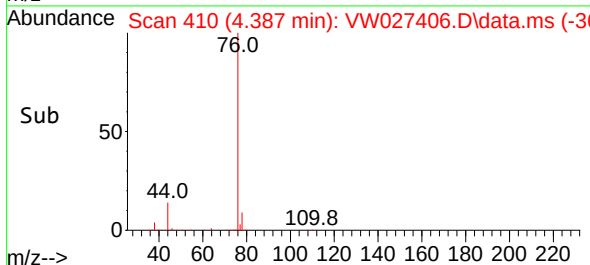
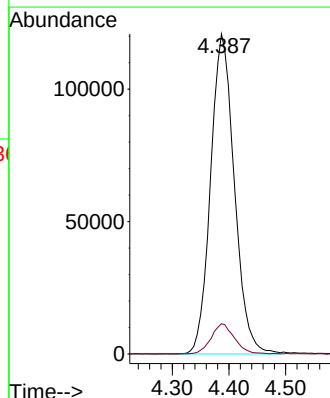
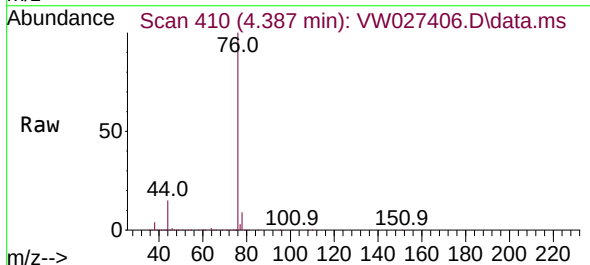
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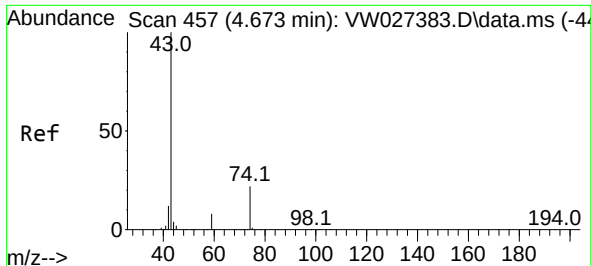
Tgt Ion: 76 Resp: 351821

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8

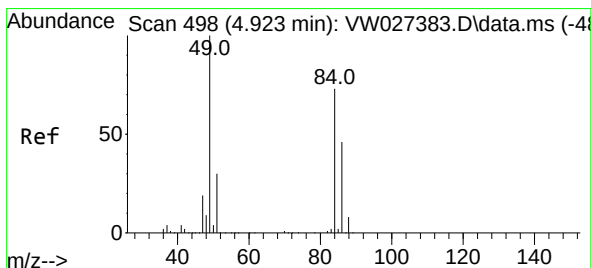
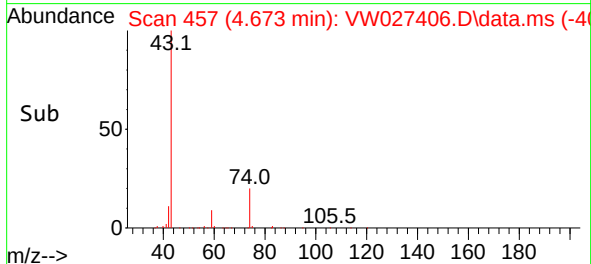
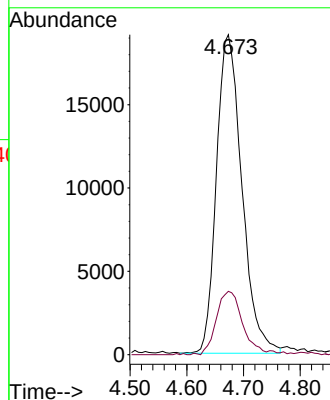
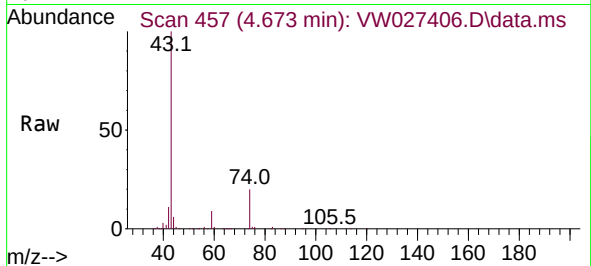




#15
Methyl Acetate
Concen: 20.197 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW027406.D
Acq: 24 Oct 2023 10:20

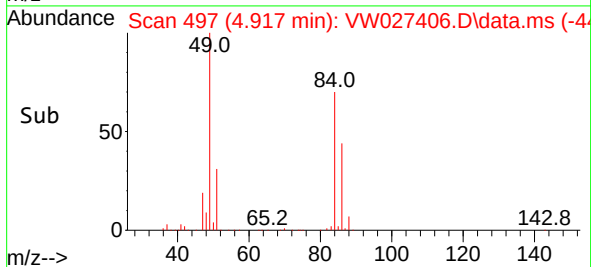
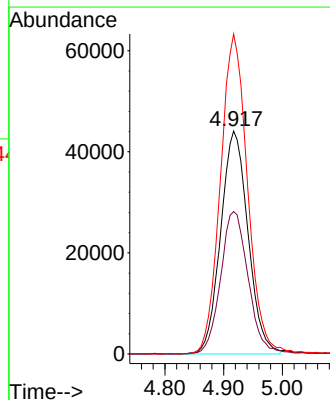
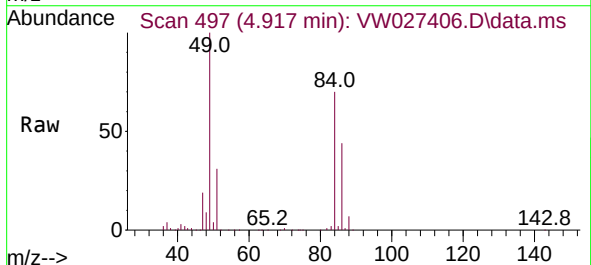
Instrument :
MSVOA_W
ClientSampleId :

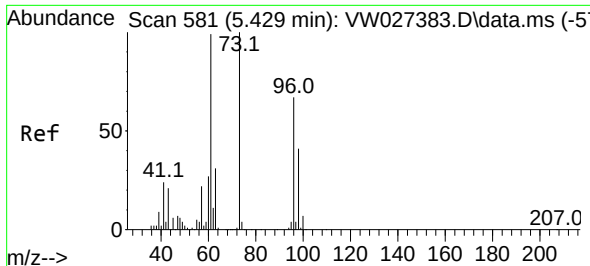
Tgt Ion: 43 Resp: 59548
Ion Ratio Lower Upper
43 100
74 20.2 17.5 26.3



#16
Methylene chloride
Concen: 19.794 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027406.D
Acq: 24 Oct 2023 10:20

Tgt Ion: 84 Resp: 142754
Ion Ratio Lower Upper
84 100
86 63.9 41.3 76.7
49 143.6 92.8 172.4





#17

trans-1,2-Dichloroethene

Concen: 24.186 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

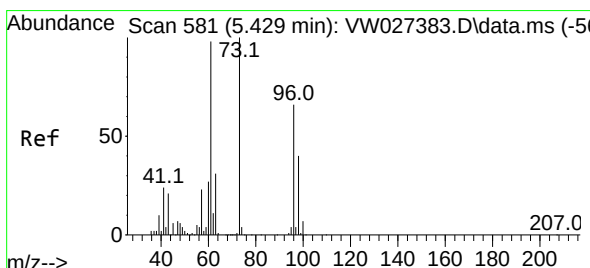
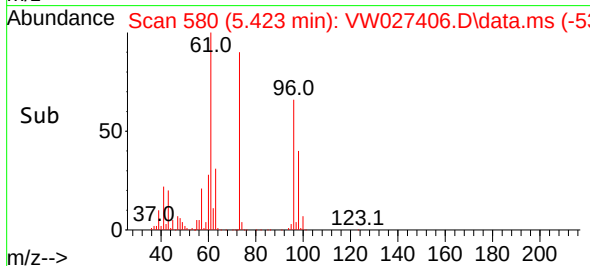
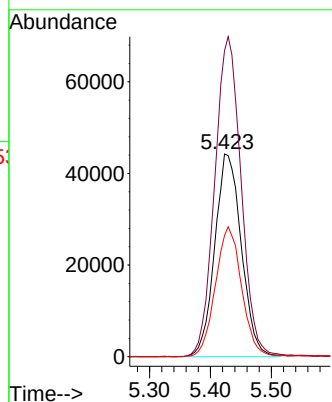
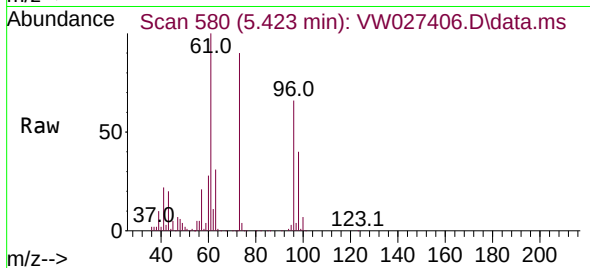
Tgt Ion: 96 Resp: 134291

Ion Ratio Lower Upper

96 100

61 150.8 105.6 196.0

98 59.7 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 22.402 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

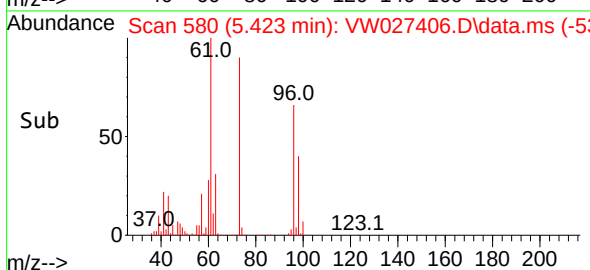
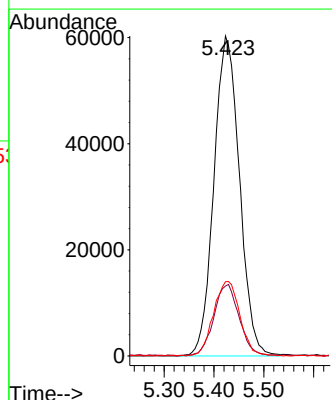
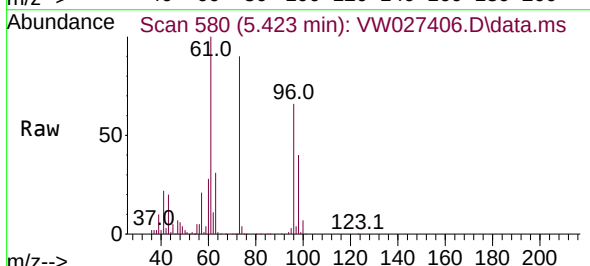
Tgt Ion: 73 Resp: 214609

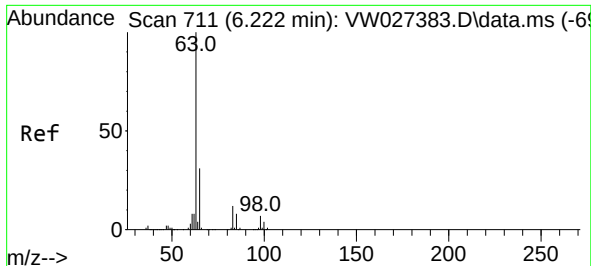
Ion Ratio Lower Upper

73 100

43 22.3 17.7 26.5

57 24.0 18.5 27.7





#19

1,1-Dichloroethane

Concen: 25.910 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

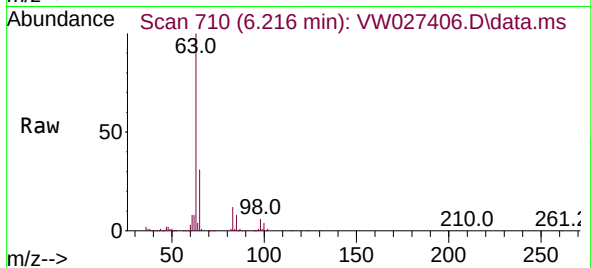
Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :



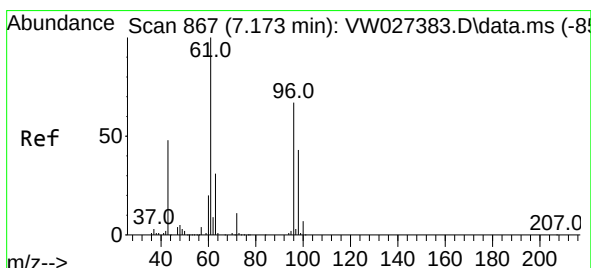
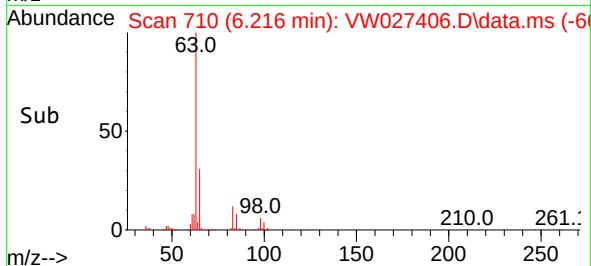
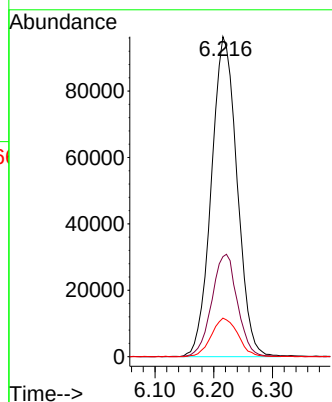
Tgt Ion: 63 Resp: 293530

Ion Ratio Lower Upper

63 100

65 31.3 22.9 42.5

83 12.1 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 24.773 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

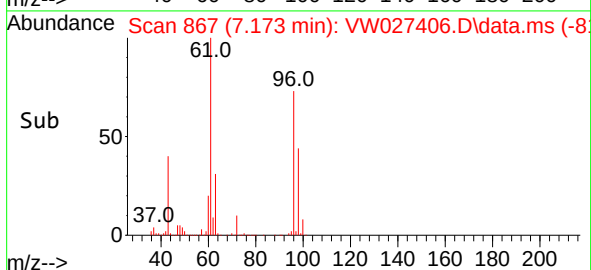
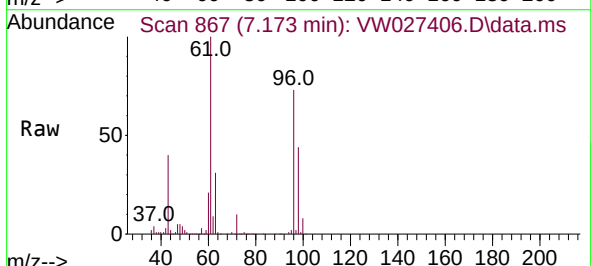
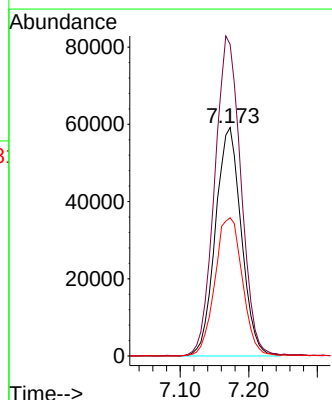
Tgt Ion: 96 Resp: 155340

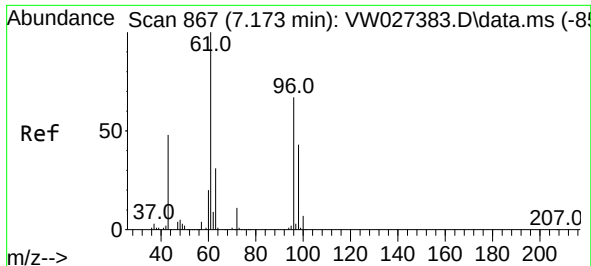
Ion Ratio Lower Upper

96 100

61 136.3 96.2 178.8

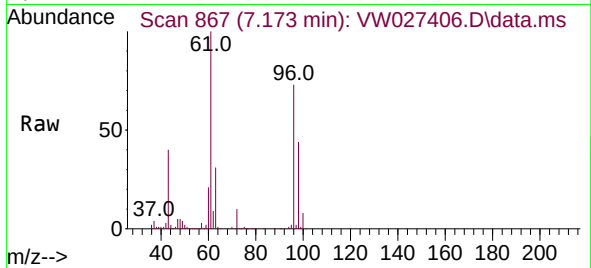
98 60.5 46.0 85.4



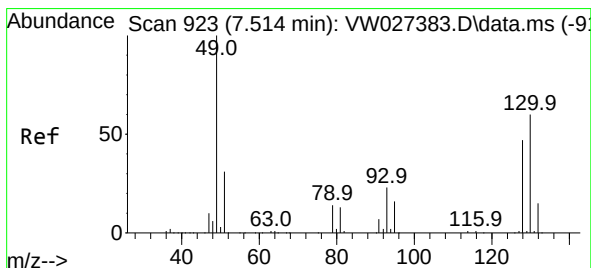
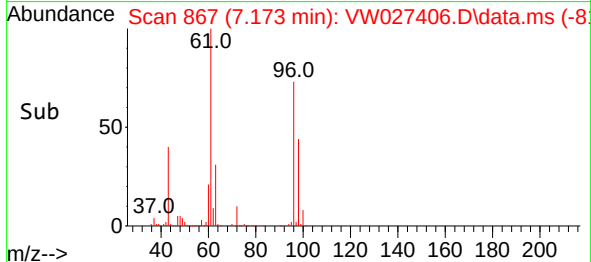
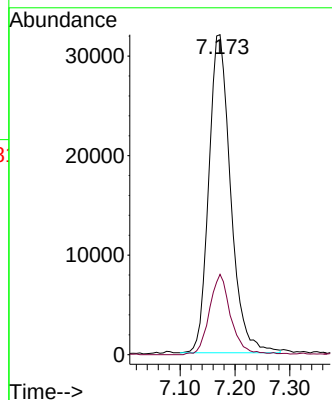


#22
2-Butanone
Concen: 34.177 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027406.D
Acq: 24 Oct 2023 10:20

Instrument :
MSVOA_W
ClientSampleId :

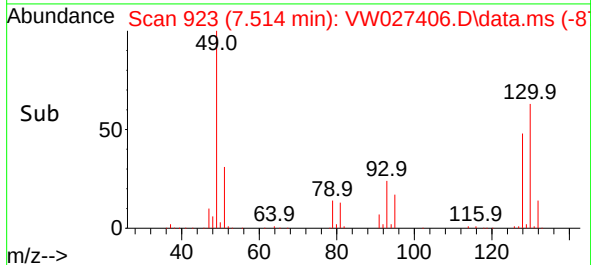
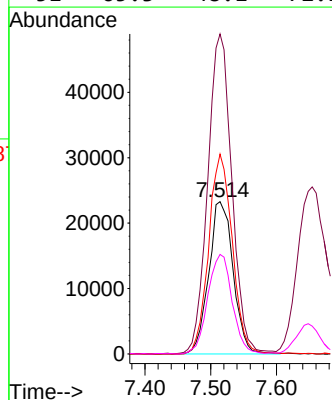
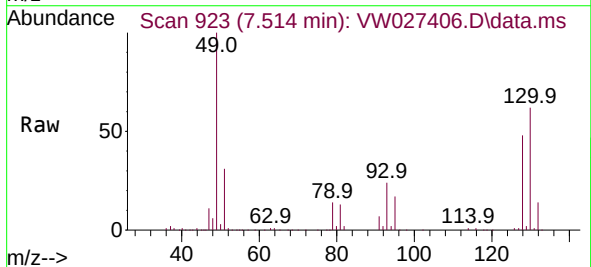


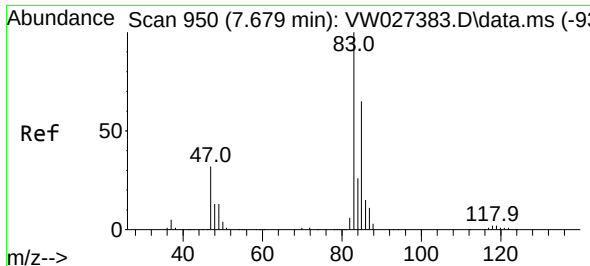
Tgt Ion: 43 Resp: 88307
Ion Ratio Lower Upper
43 100
72 24.3 12.3 36.8



#23
Bromochloromethane
Concen: 23.218 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027406.D
Acq: 24 Oct 2023 10:20

Tgt Ion: 128 Resp: 60108
Ion Ratio Lower Upper
128 100
49 210.0 128.9 239.5
130 131.2 85.0 157.8
51 65.3 48.1 72.1

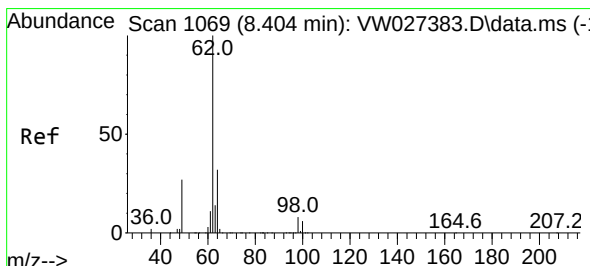
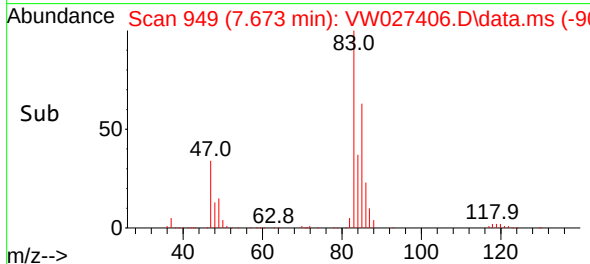
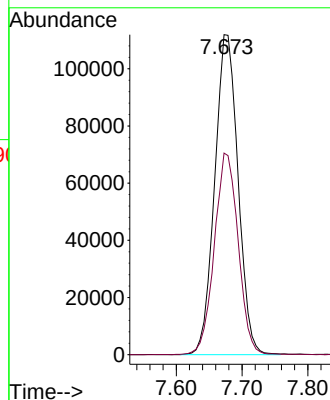
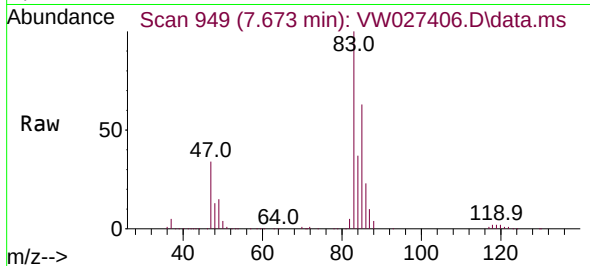




#25
Chloroform
Concen: 26.111 ug/L
RT: 7.673 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW027406.D
Acq: 24 Oct 2023 10:20

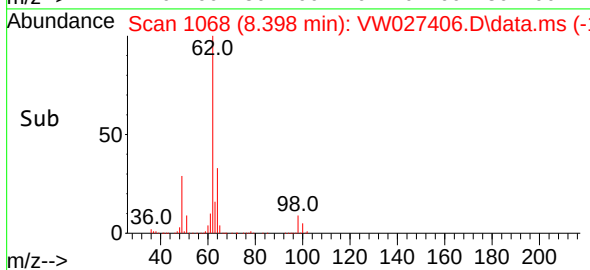
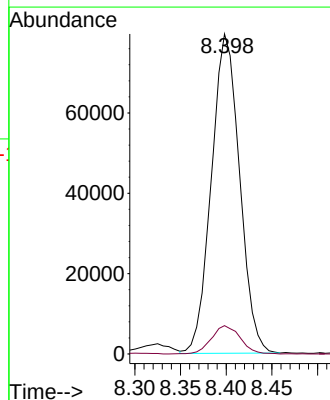
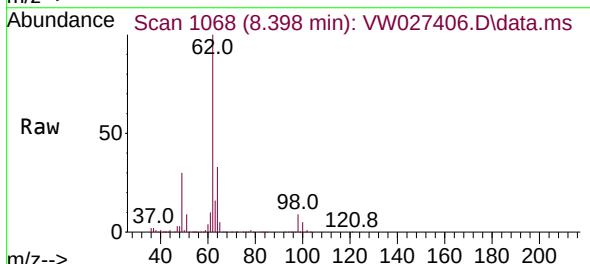
Instrument :
MSVOA_W
ClientSampleId :

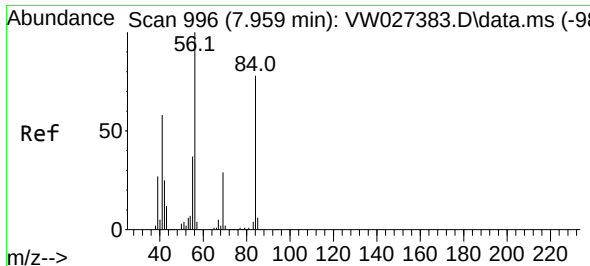
Tgt Ion: 83 Resp: 276848
Ion Ratio Lower Upper
83 100
85 63.0 44.1 81.9



#27
1,2-Dichloroethane
Concen: 23.700 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW027406.D
Acq: 24 Oct 2023 10:20

Tgt Ion: 62 Resp: 170694
Ion Ratio Lower Upper
62 100
98 8.9 7.5 11.3





#29

Cyclohexane

Concen: 24.928 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

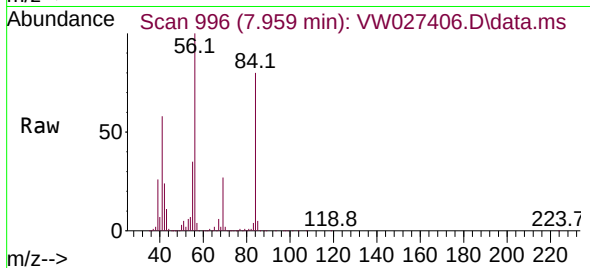
Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :



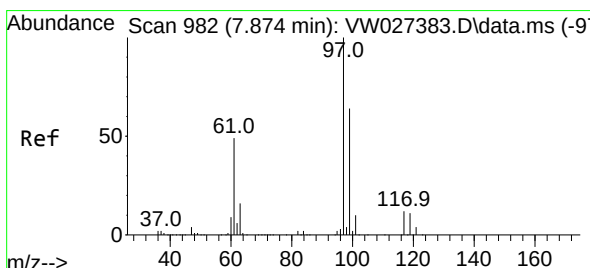
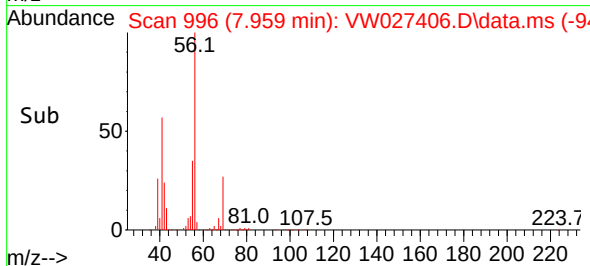
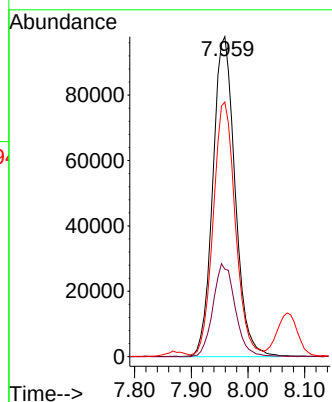
Tgt Ion: 56 Resp: 266786

Ion Ratio Lower Upper

56 100

69 29.0 24.2 36.4

84 79.2 65.1 97.7



#30

1,1,1-Trichloroethane

Concen: 26.365 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

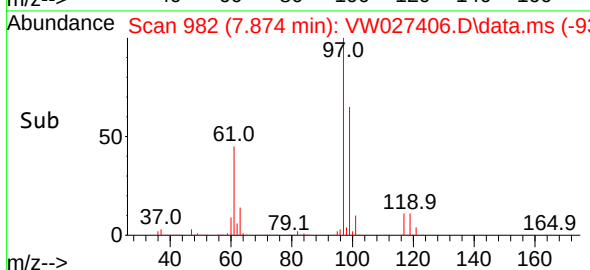
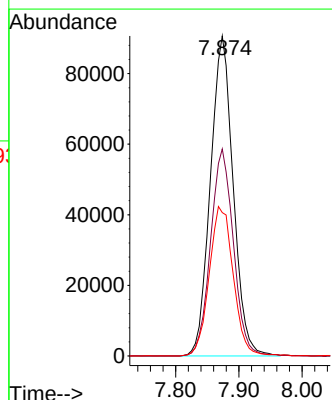
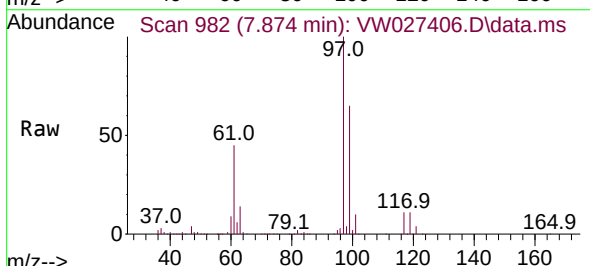
Tgt Ion: 97 Resp: 226690

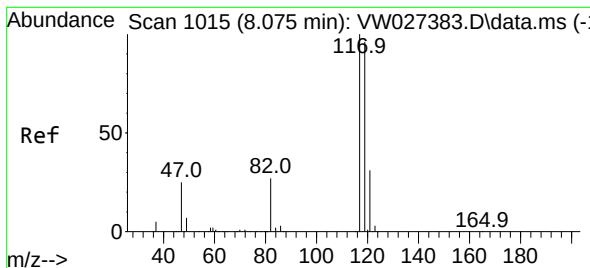
Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.0

61 49.2 37.4 56.0





#31

Carbon tetrachloride

Concen: 24.937 ug/L

RT: 8.069 min Scan# 1015

Delta R.T. 0.000 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

Instrument :

MSVOA_W

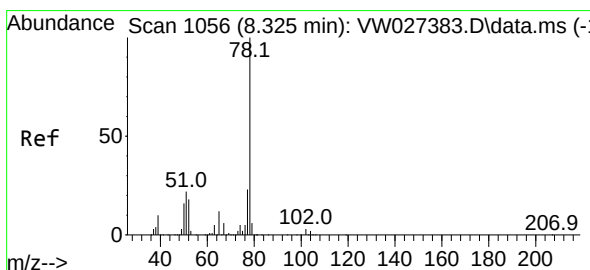
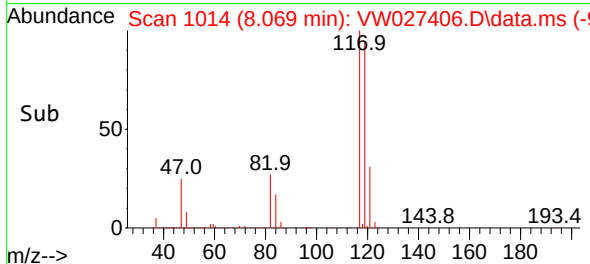
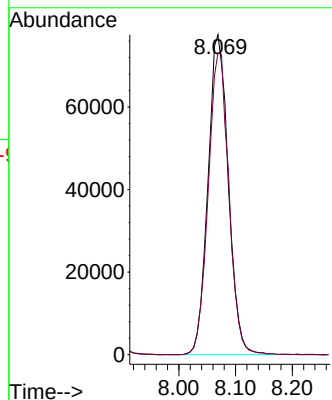
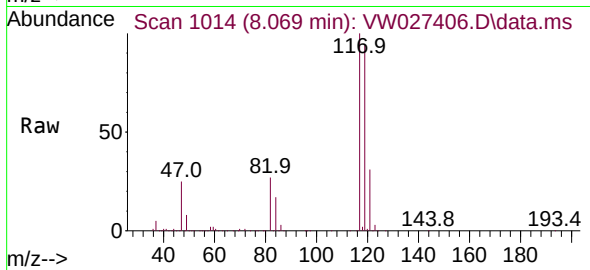
ClientSampleId :

Tgt Ion:117 Resp: 193338

Ion Ratio Lower Upper

117 100

119 95.4 77.1 115.7



#33

Benzene

Concen: 26.161 ug/L

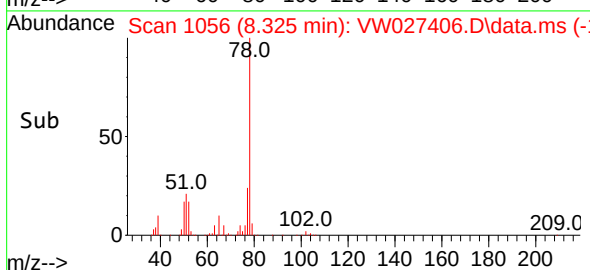
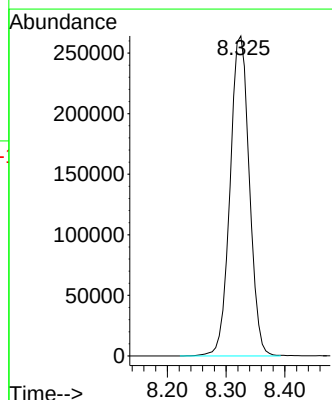
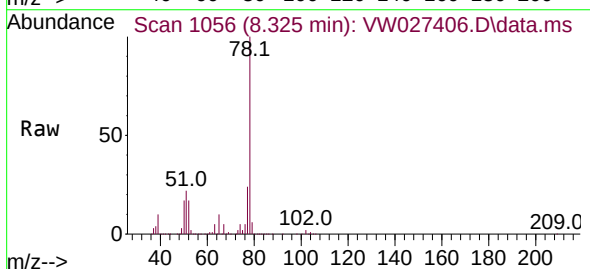
RT: 8.325 min Scan# 1056

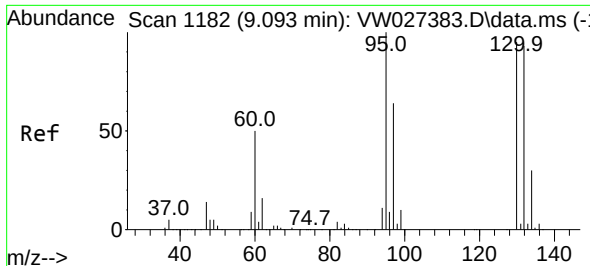
Delta R.T. 0.000 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

Tgt Ion: 78 Resp: 602645





#34

Trichloroethene

Concen: 25.776 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

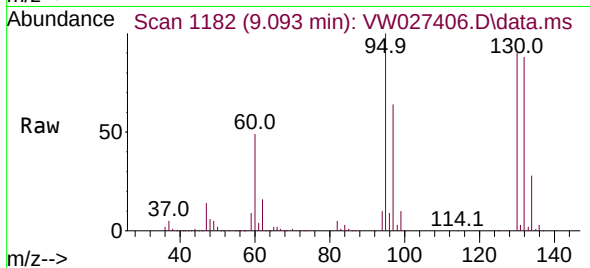
Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 156844

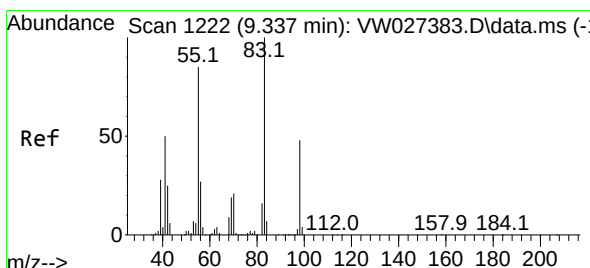
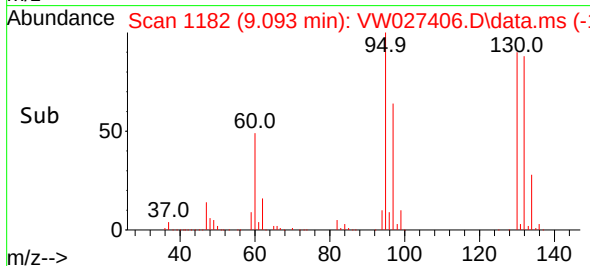
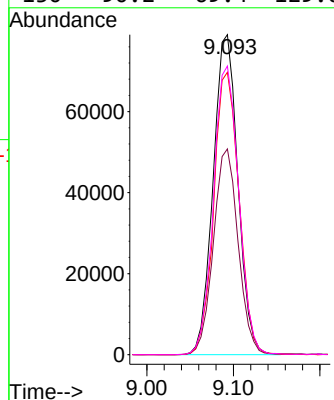
Ion Ratio Lower Upper

95 100

97 64.3 43.4 80.6

132 88.2 67.6 125.6

130 90.2 69.4 129.0



#35

Methylcyclohexane

Concen: 24.692 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

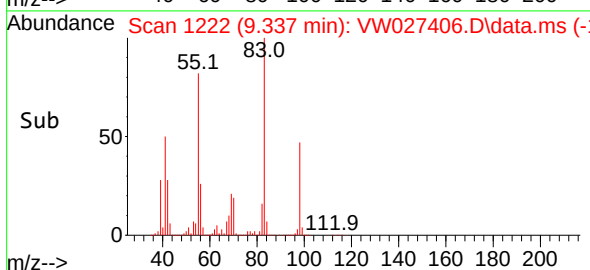
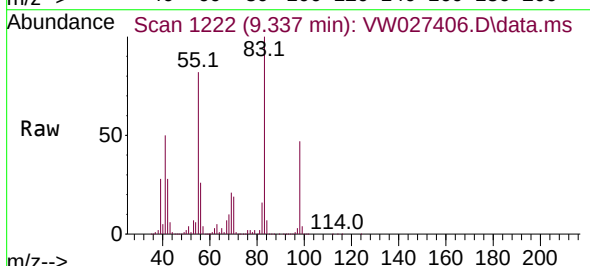
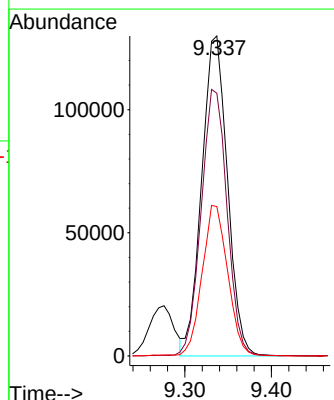
Tgt Ion: 83 Resp: 268692

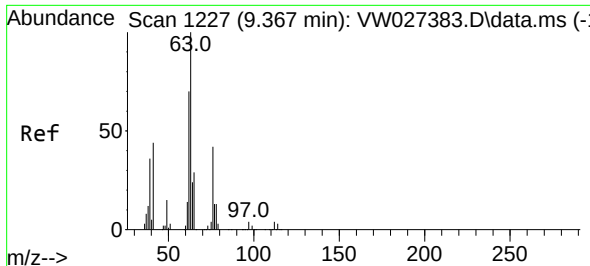
Ion Ratio Lower Upper

83 100

55 83.5 65.8 98.8

98 46.8 38.1 57.1





#37

1,2-Dichloropropane

Concen: 26.173 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

Instrument :

MSVOA_W

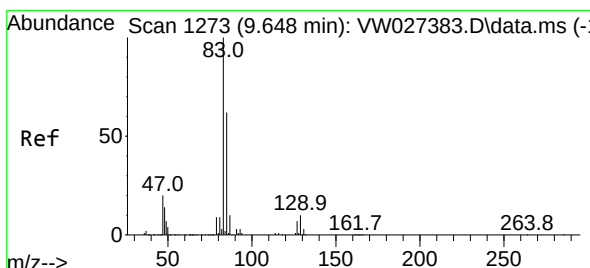
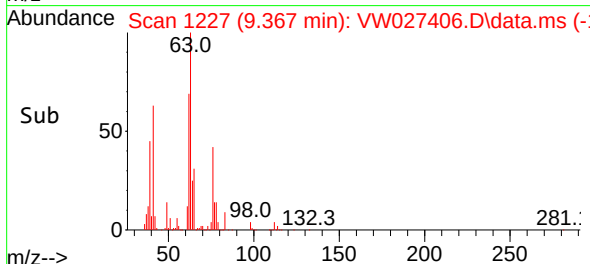
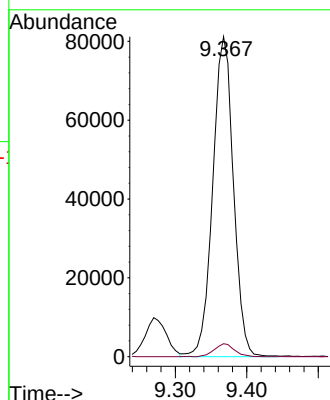
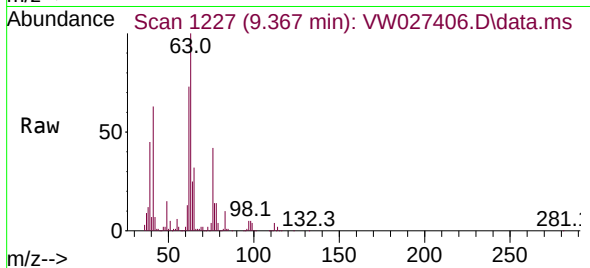
ClientSampleId :

Tgt Ion: 63 Resp: 163022

Ion Ratio Lower Upper

63 100

112 3.9 3.5 5.3



#38

Bromodichloromethane

Concen: 24.302 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

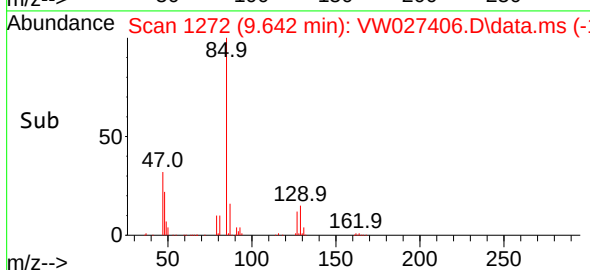
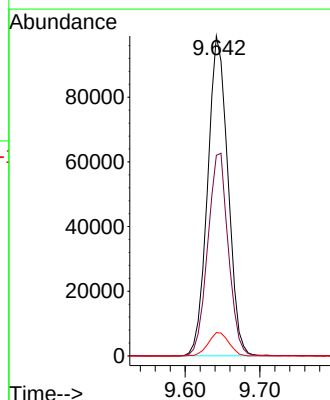
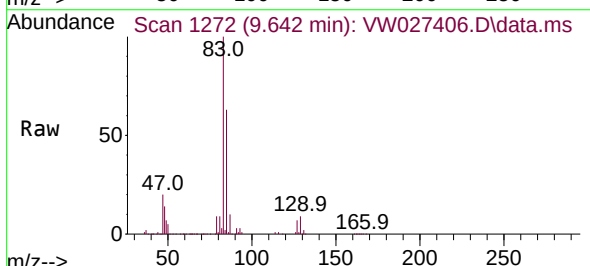
Tgt Ion: 83 Resp: 186131

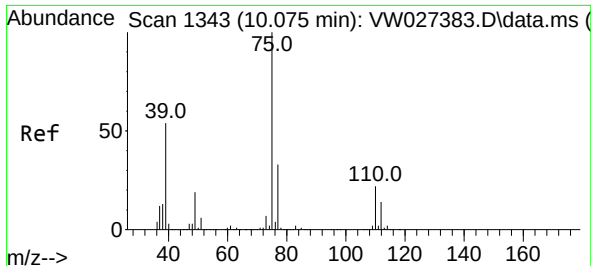
Ion Ratio Lower Upper

83 100

85 62.7 43.9 81.5

127 7.3 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.720 ug/L

RT: 10.068 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

Instrument :

MSVOA_W

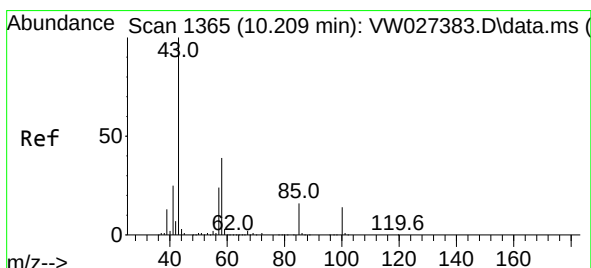
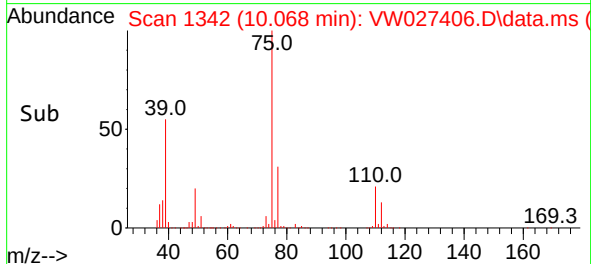
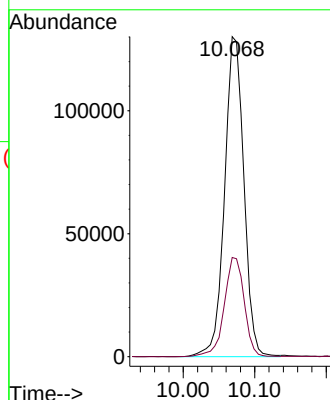
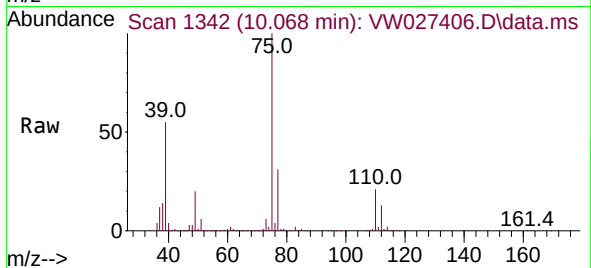
ClientSampleId :

Tgt Ion: 75 Resp: 244053

Ion Ratio Lower Upper

75 100

77 31.0 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 40.689 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

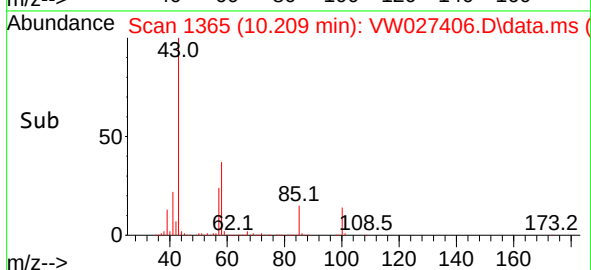
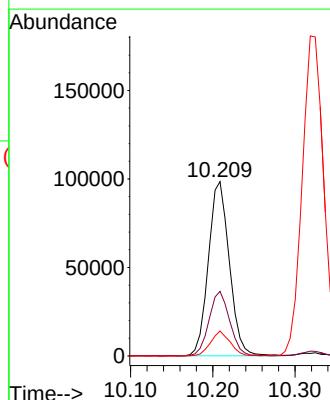
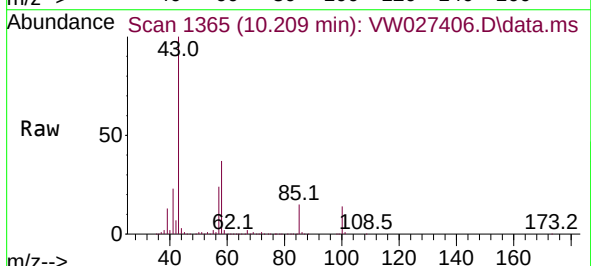
Tgt Ion: 43 Resp: 174295

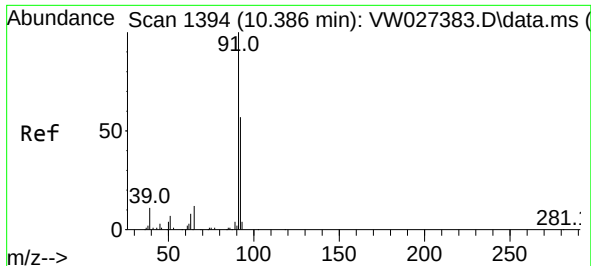
Ion Ratio Lower Upper

43 100

58 36.8 30.5 45.7

100 13.5 11.5 17.3

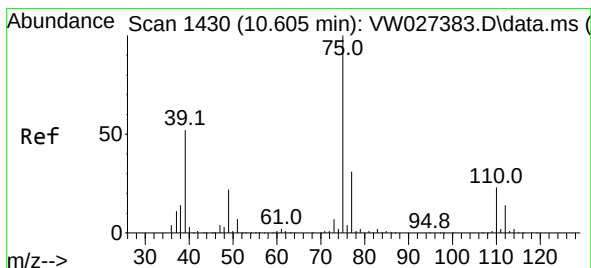
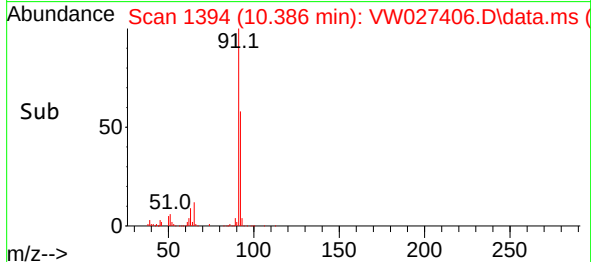
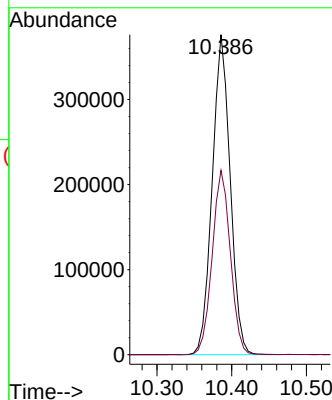
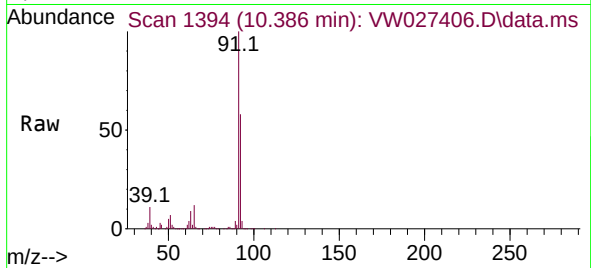




#42
Toluene
Concen: 25.984 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027406.D
Acq: 24 Oct 2023 10:20

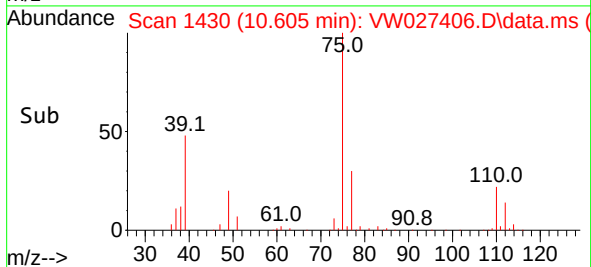
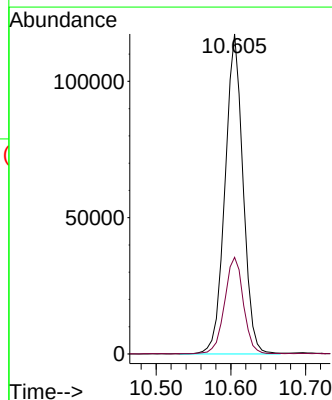
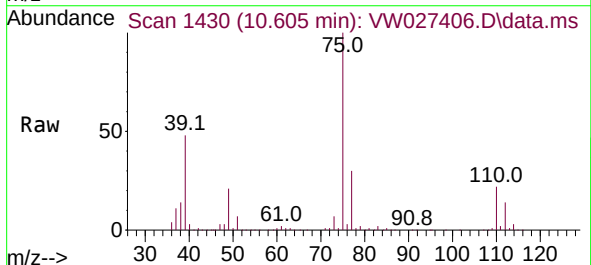
Instrument :
MSVOA_W
ClientSampleId :

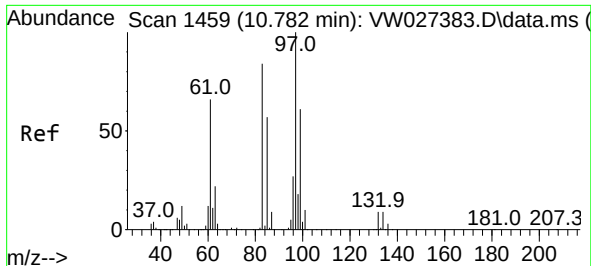
Tgt Ion: 91 Resp: 627932
Ion Ratio Lower Upper
91 100
92 57.6 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 22.692 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027406.D
Acq: 24 Oct 2023 10:20

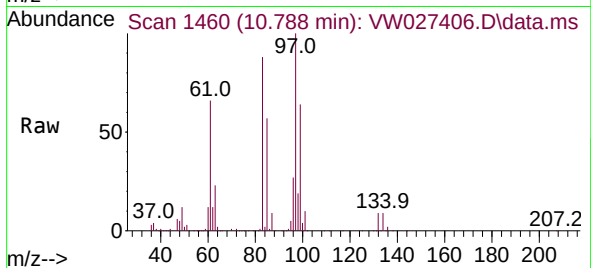
Tgt Ion: 75 Resp: 197007
Ion Ratio Lower Upper
75 100
77 30.2 22.0 41.0



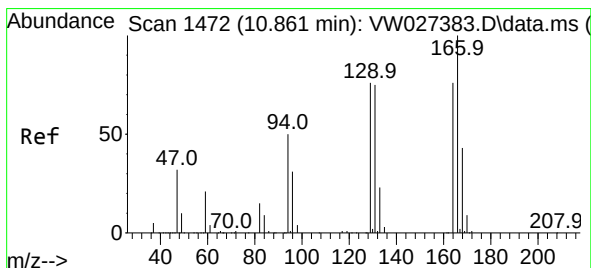
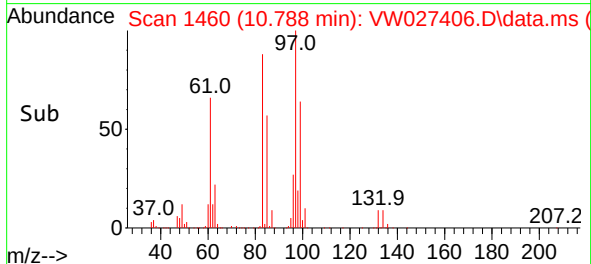
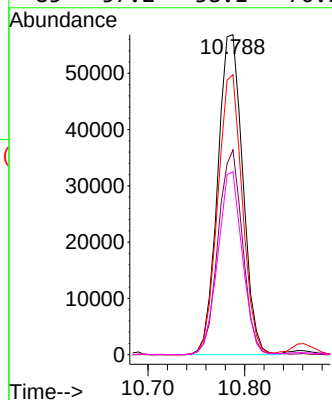


#45
1,1,2-Trichloroethane
Concen: 23.914 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW027406.D
Acq: 24 Oct 2023 10:20

Instrument :
MSVOA_W
ClientSampleId :

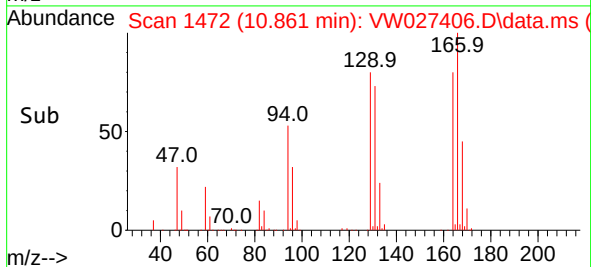
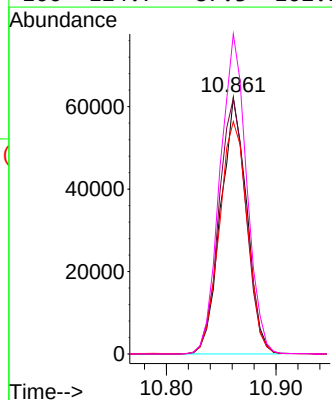
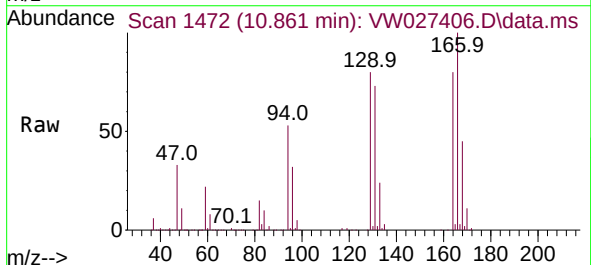


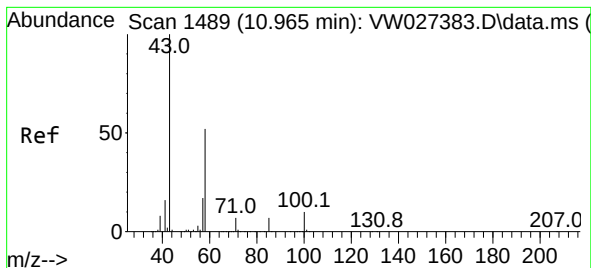
Tgt Ion: 97 Resp: 102501
Ion Ratio Lower Upper
97 100
99 64.0 43.8 81.4
83 87.5 57.5 106.7
85 57.2 38.1 70.9



#46
Tetrachloroethene
Concen: 24.490 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027406.D
Acq: 24 Oct 2023 10:20

Tgt Ion: 164 Resp: 102900
Ion Ratio Lower Upper
164 100
129 99.5 74.7 138.7
131 90.5 73.2 136.0
166 124.7 87.3 162.1





#48

2-Hexanone

Concen: 40.851 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

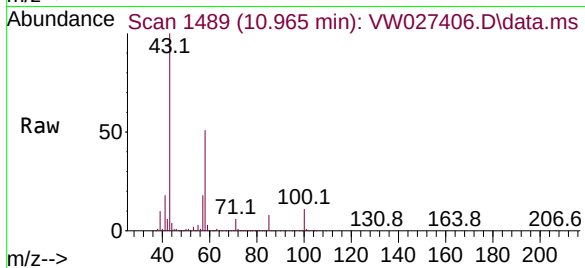
Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 129517

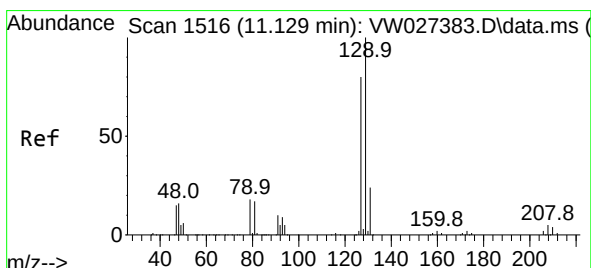
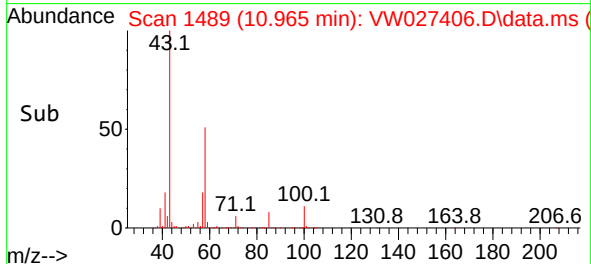
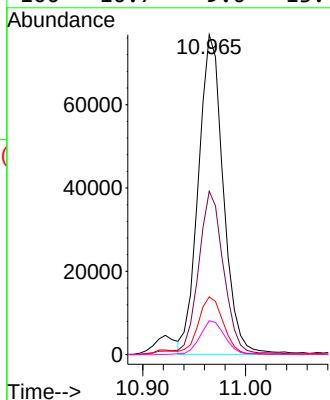
Ion Ratio Lower Upper

43 100

58 49.8 42.2 63.4

57 18.1 15.1 22.7

100 10.7 9.0 13.4



#49

Dibromochloromethane

Concen: 21.746 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW027406.D

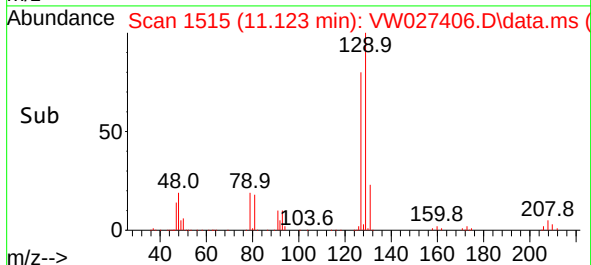
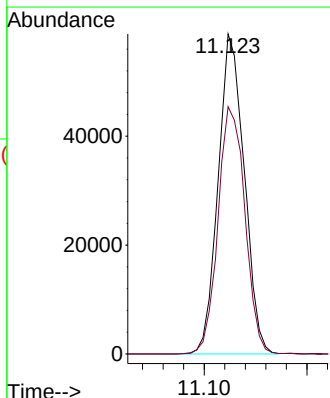
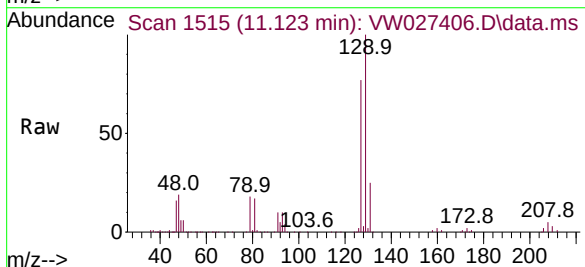
Acq: 24 Oct 2023 10:20

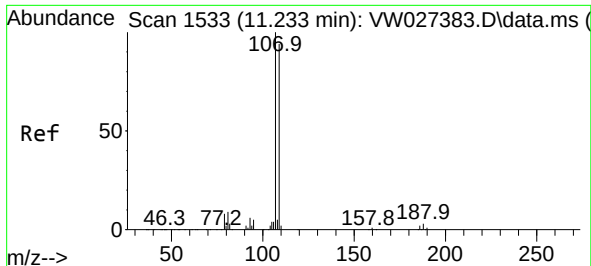
Tgt Ion: 129 Resp: 103512

Ion Ratio Lower Upper

129 100

127 77.3 51.7 95.9





#50

1,2-Dibromoethane

Concen: 22.322 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

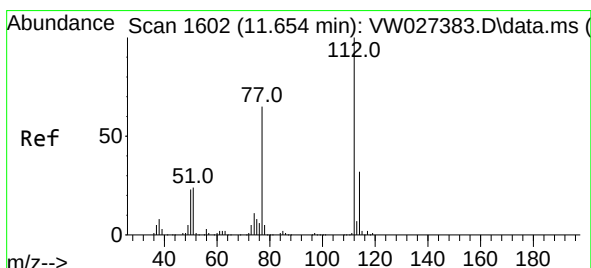
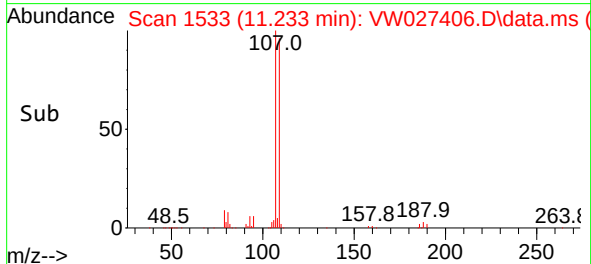
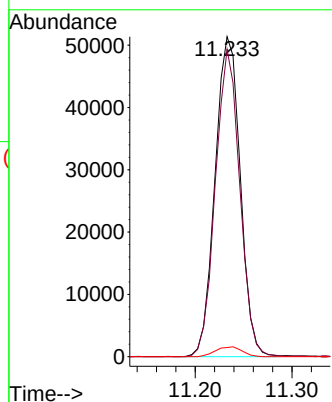
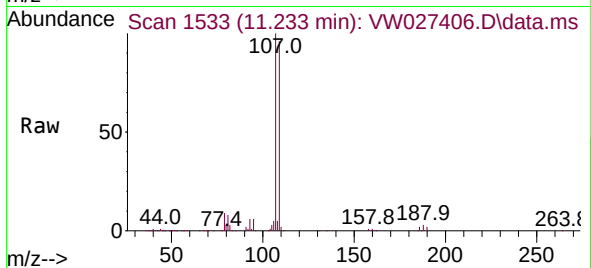
Tgt Ion:107 Resp: 92763

Ion Ratio Lower Upper

107 100

109 96.1 66.3 123.1

188 2.9 3.0 4.4#



#51

Chlorobenzene

Concen: 25.274 ug/L

RT: 11.660 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

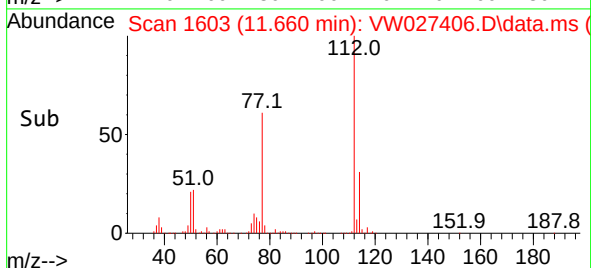
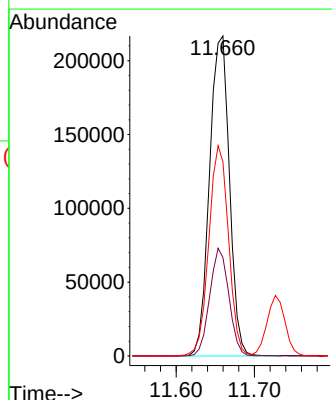
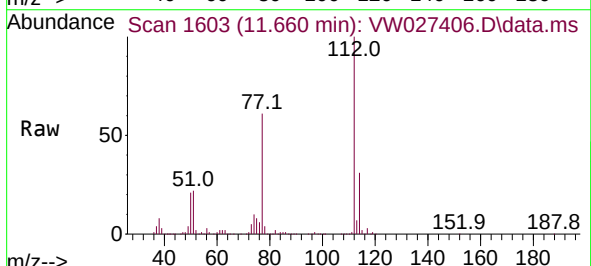
Tgt Ion:112 Resp: 382460

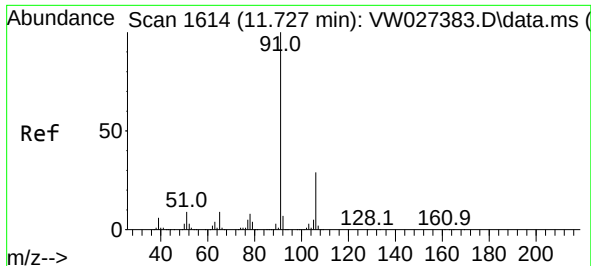
Ion Ratio Lower Upper

112 100

114 30.8 21.8 40.6

77 60.6 52.2 78.4

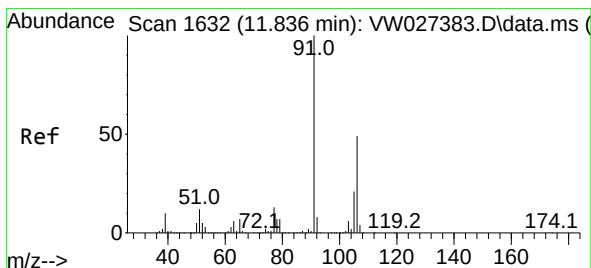
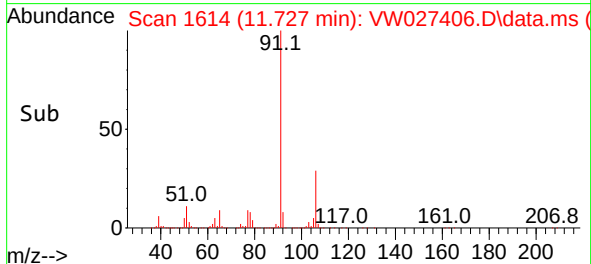
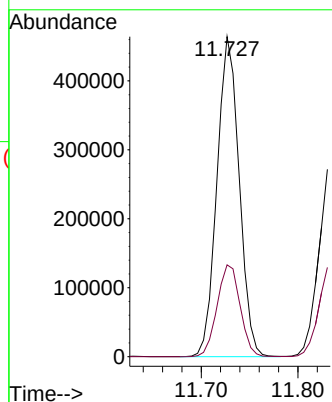
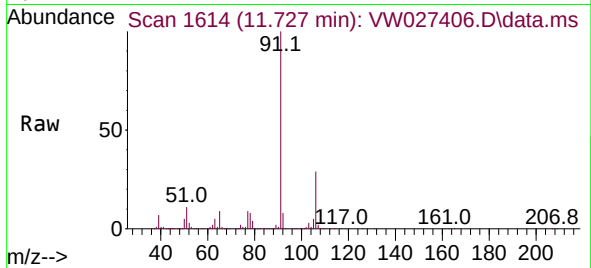




#52
Ethylbenzene
Concen: 26.355 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW027406.D
Acq: 24 Oct 2023 10:20

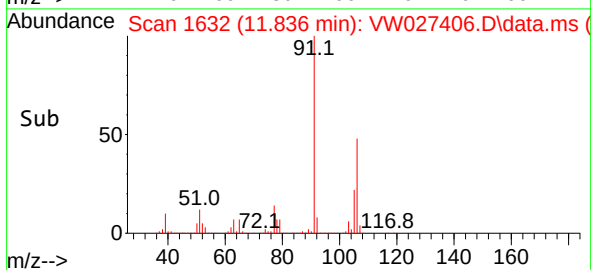
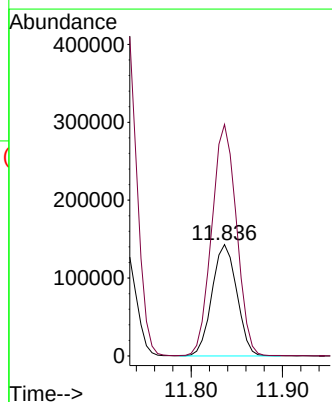
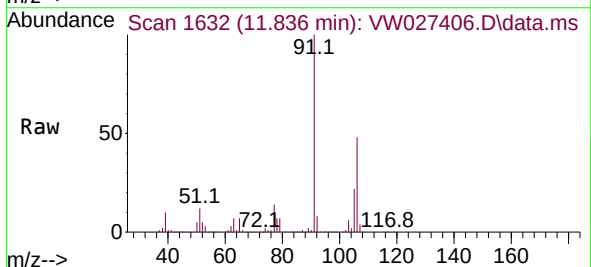
Instrument :
MSVOA_W
ClientSampleId :

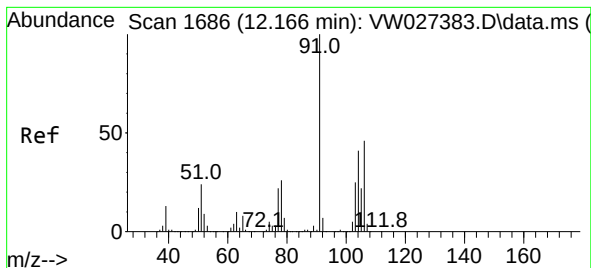
Tgt Ion: 91 Resp: 740106
Ion Ratio Lower Upper
91 100
106 28.7 19.8 36.8



#53
m,p-Xylene
Concen: 25.361 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027406.D
Acq: 24 Oct 2023 10:20

Tgt Ion:106 Resp: 270120
Ion Ratio Lower Upper
106 100
91 208.0 144.5 268.4





#54

o-Xylene

Concen: 25.395 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

Instrument :

MSVOA_W

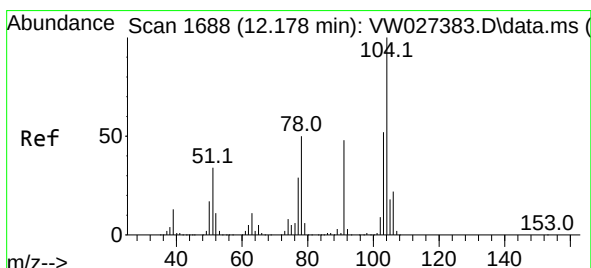
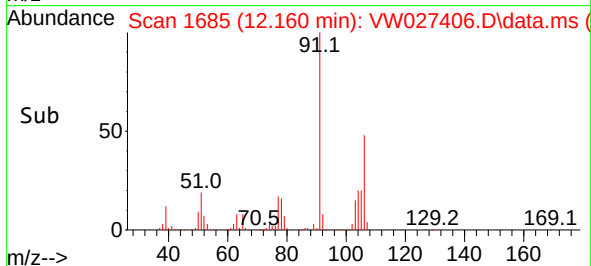
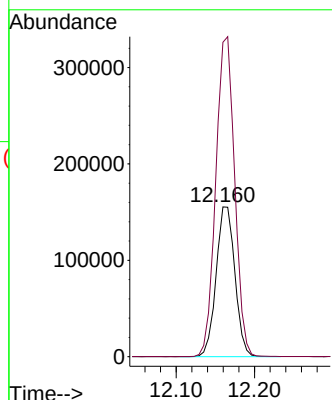
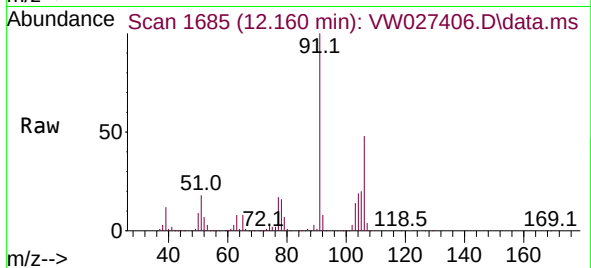
ClientSampleId :

Tgt Ion:106 Resp: 259024

Ion Ratio Lower Upper

106 100

91 210.0 152.0 282.2



#55

Styrene

Concen: 25.333 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027406.D

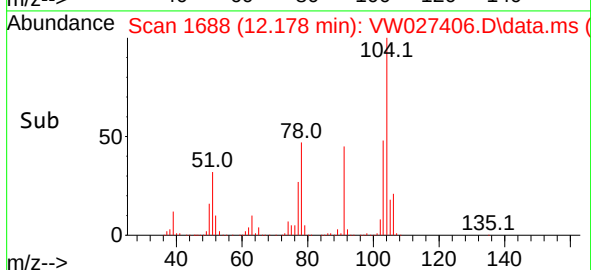
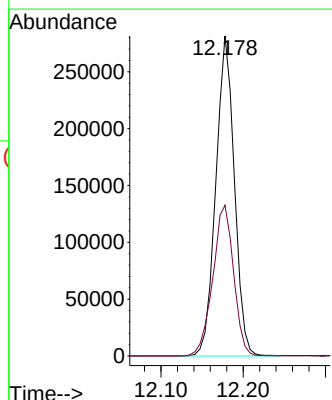
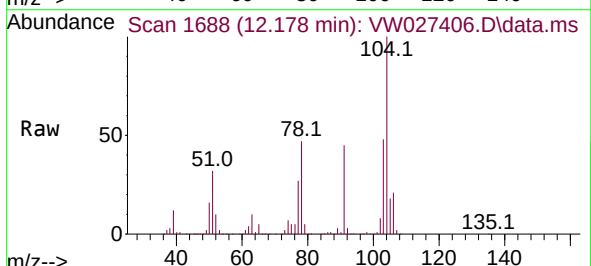
Acq: 24 Oct 2023 10:20

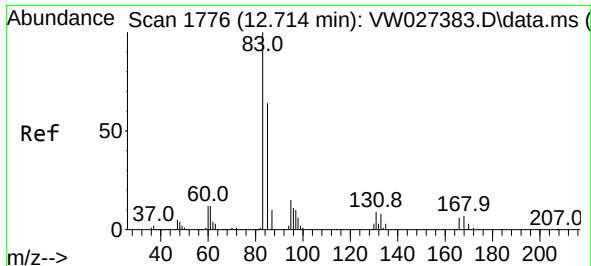
Tgt Ion:104 Resp: 441292

Ion Ratio Lower Upper

104 100

78 47.1 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 22.424 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

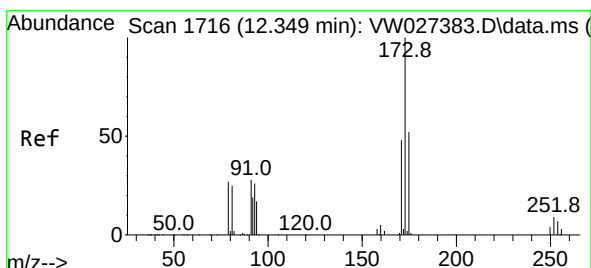
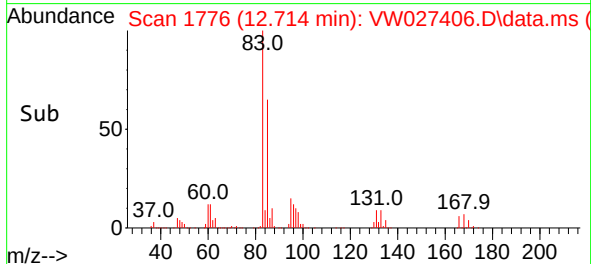
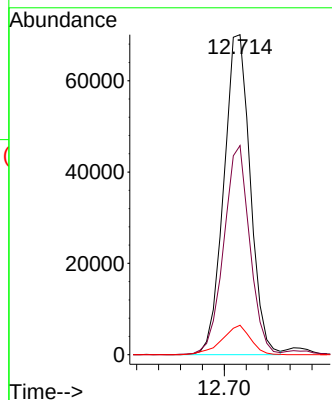
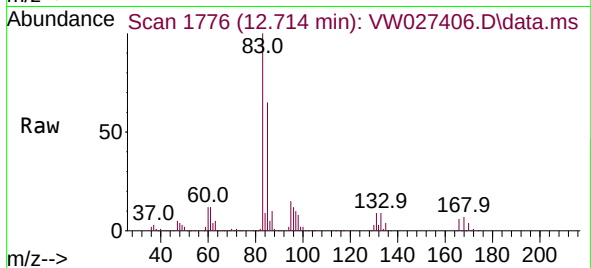
Tgt Ion: 83 Resp: 117330

Ion Ratio Lower Upper

83 100

85 65.3 43.2 80.2

131 9.2 7.2 10.8



#59

Bromoform

Concen: 20.510 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

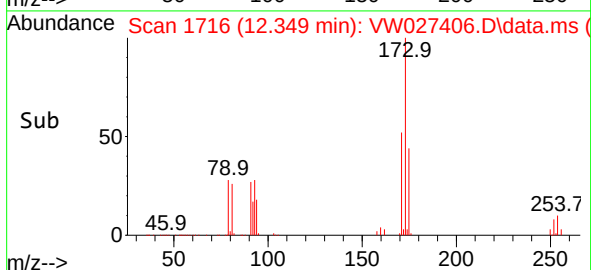
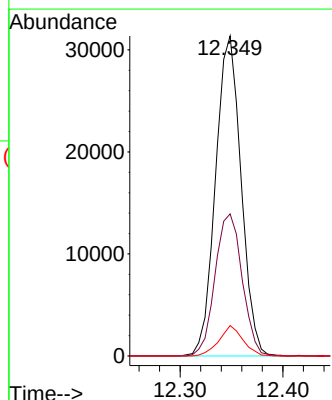
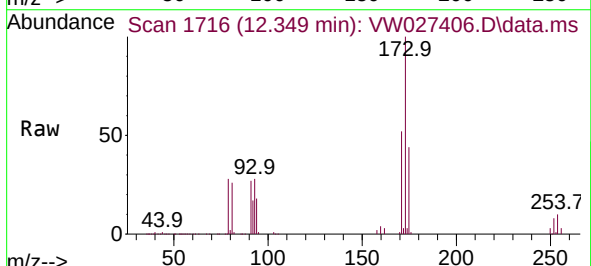
Tgt Ion:173 Resp: 54058

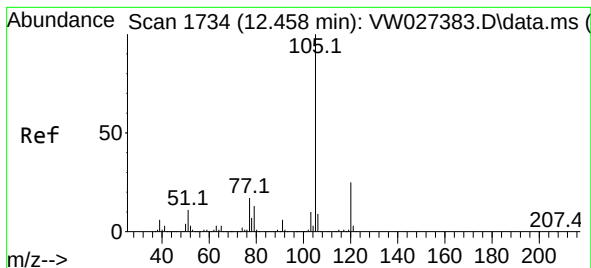
Ion Ratio Lower Upper

173 100

175 47.1 39.6 59.4

254 8.9 6.6 10.0





#60

Isopropylbenzene

Concen: 26.736 ug/L

RT: 12.458 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

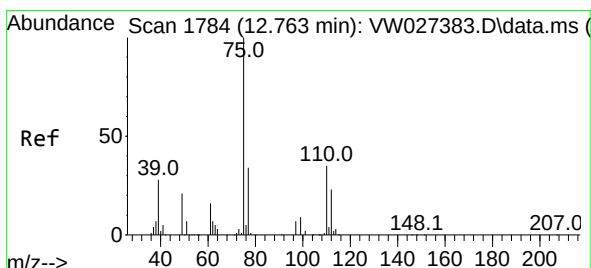
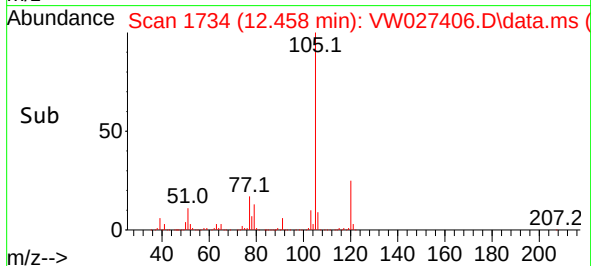
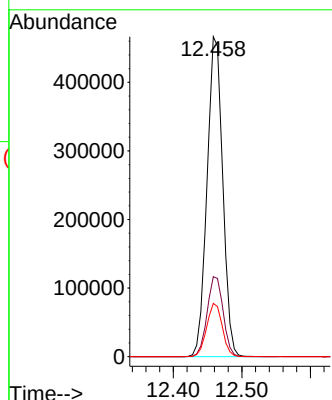
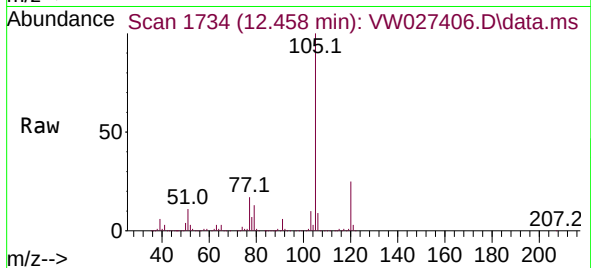
Tgt Ion:105 Resp: 743937

Ion Ratio Lower Upper

105 100

120 25.5 20.1 30.1

77 16.5 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 21.702 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

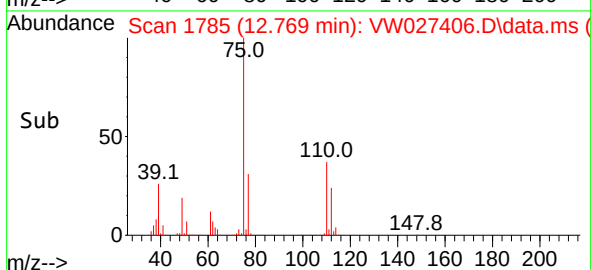
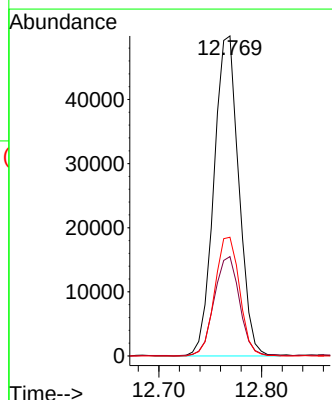
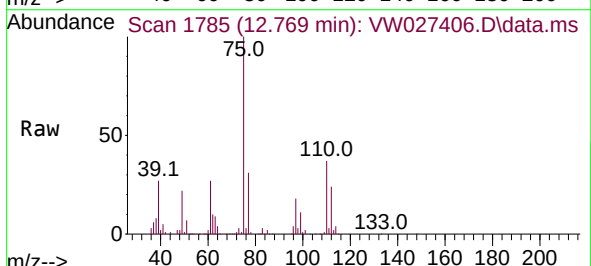
Tgt Ion: 75 Resp: 83931

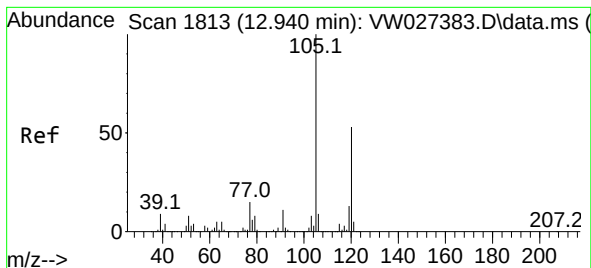
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

110 37.0 29.7 44.5

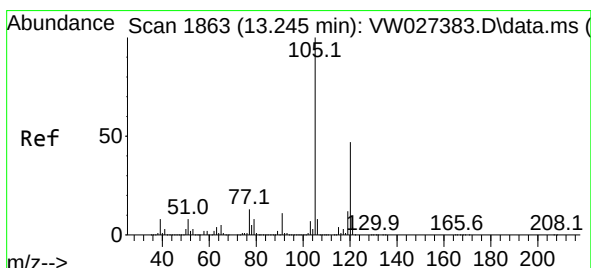
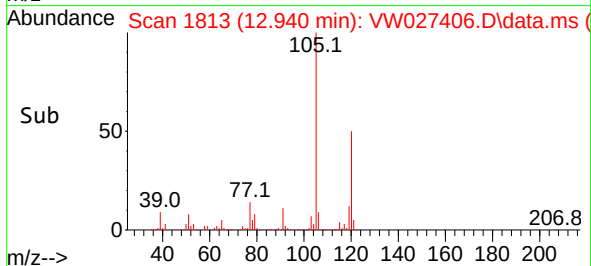
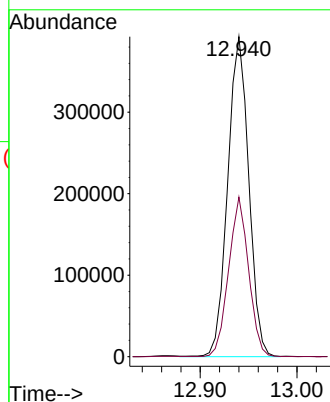
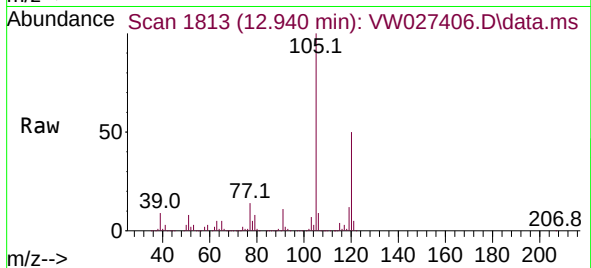




#62
1,3,5-Trimethylbenzene
Concen: 25.587 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027406.D
Acq: 24 Oct 2023 10:20

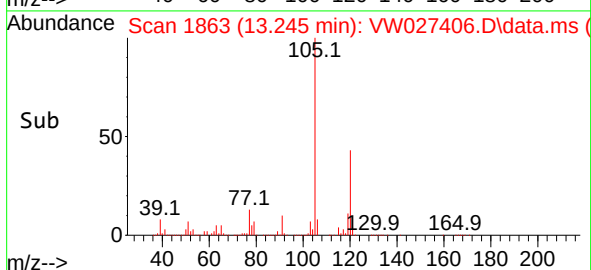
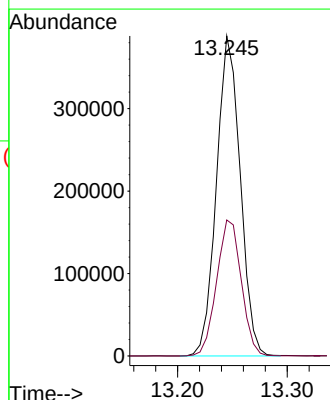
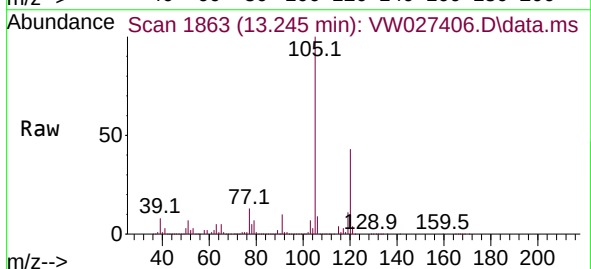
Instrument :
MSVOA_W
ClientSampleId :

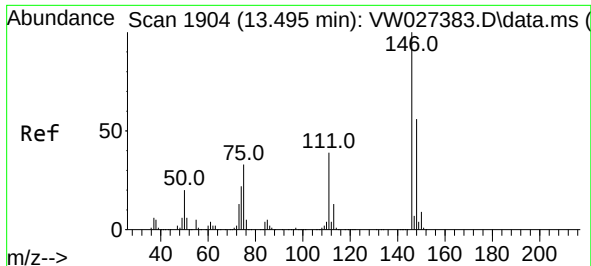
Tgt Ion:105 Resp: 593868
Ion Ratio Lower Upper
105 100
120 47.4 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 25.748 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027406.D
Acq: 24 Oct 2023 10:20

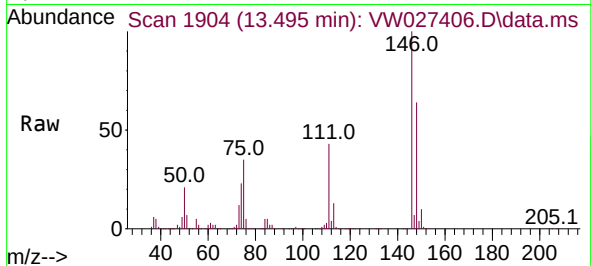
Tgt Ion:105 Resp: 584725
Ion Ratio Lower Upper
105 100
120 44.0 35.4 53.2



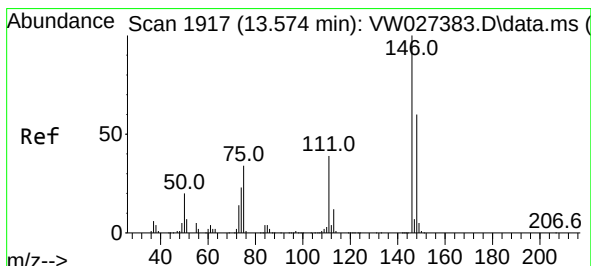
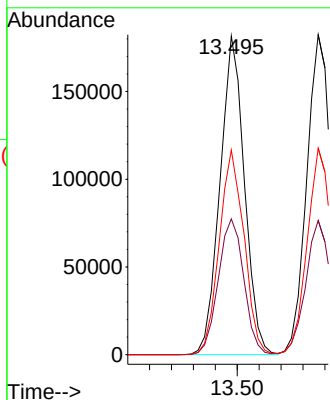
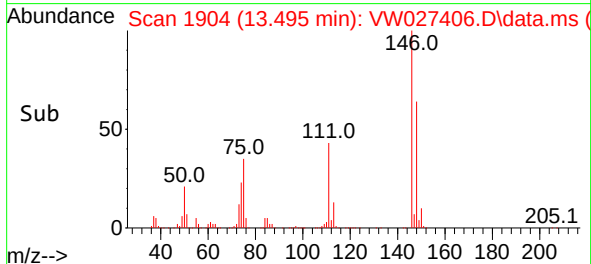


#64
1,3-Dichlorobenzene
Concen: 24.950 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027406.D
Acq: 24 Oct 2023 10:20

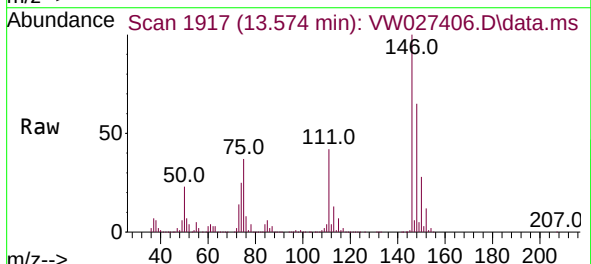
Instrument :
MSVOA_W
ClientSampleId :



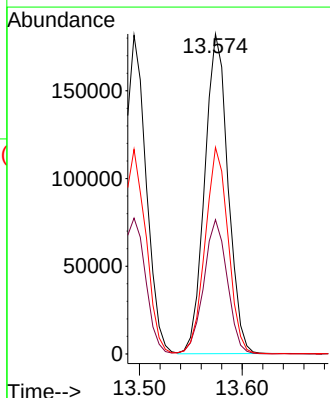
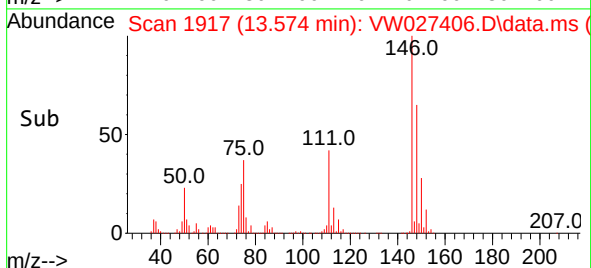
Tgt Ion:146 Resp: 281524
Ion Ratio Lower Upper
146 100
111 42.6 30.8 57.2
148 64.2 46.3 85.9

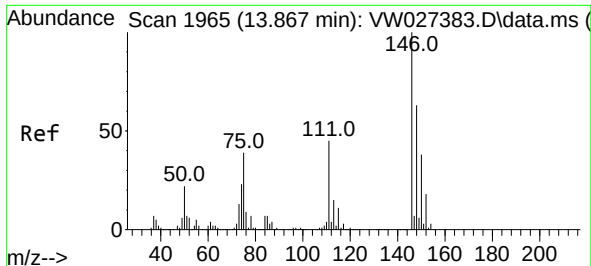


#65
1,4-Dichlorobenzene
Concen: 25.489 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.006 min
Lab File: VW027406.D
Acq: 24 Oct 2023 10:20



Tgt Ion:146 Resp: 287222
Ion Ratio Lower Upper
146 100
111 42.0 29.5 54.9
148 64.6 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 24.765 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

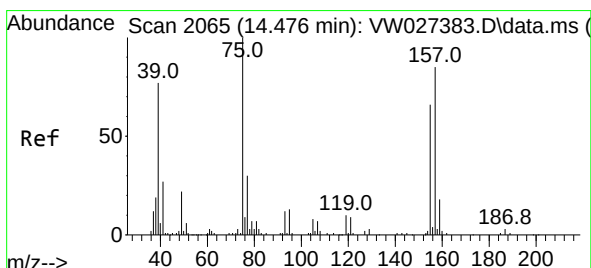
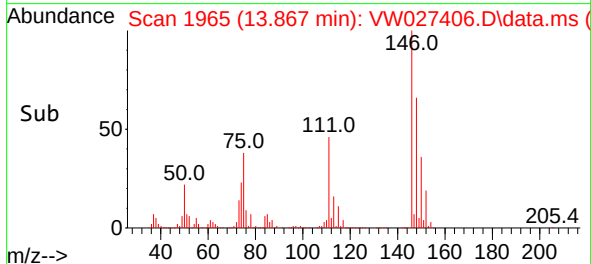
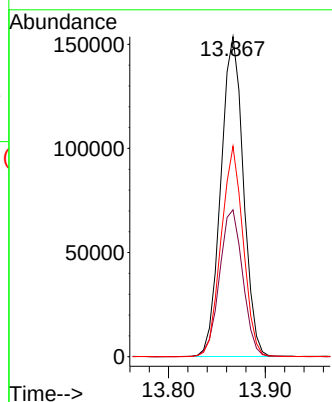
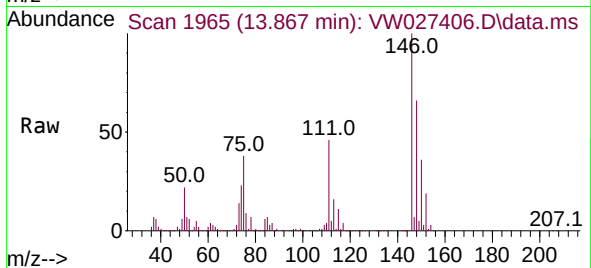
Tgt Ion:146 Resp: 247959

Ion Ratio Lower Upper

146 100

111 45.9 36.8 55.2

148 65.8 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 18.372 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

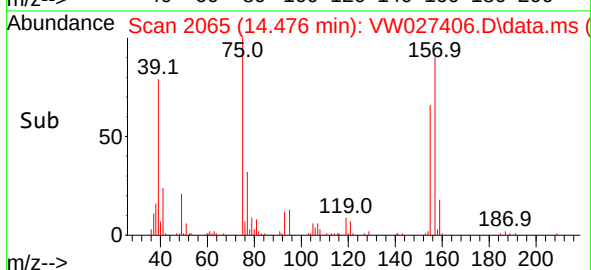
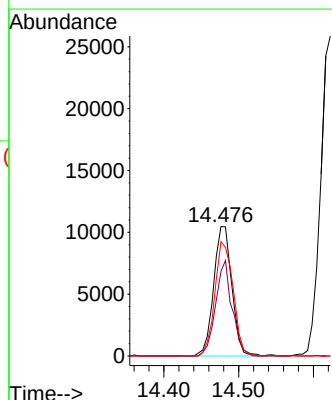
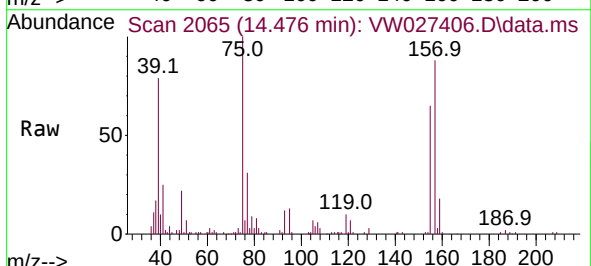
Tgt Ion: 75 Resp: 17758

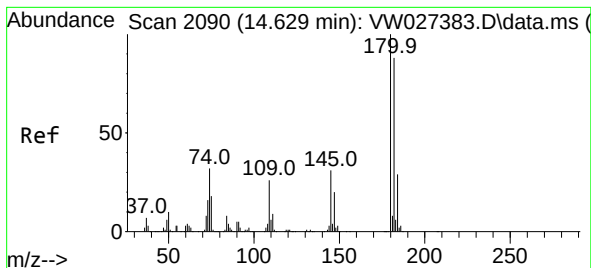
Ion Ratio Lower Upper

75 100

155 65.3 54.9 82.3

157 88.2 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 24.932 ug/L

RT: 14.623 min Scan# 2090

Delta R.T. 0.000 min

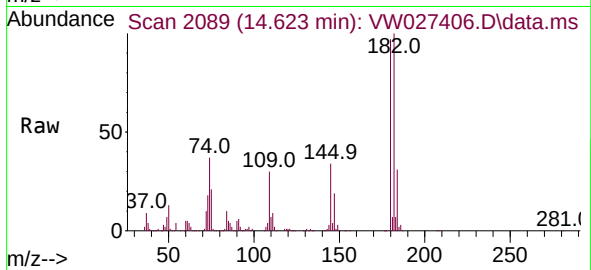
Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 182624

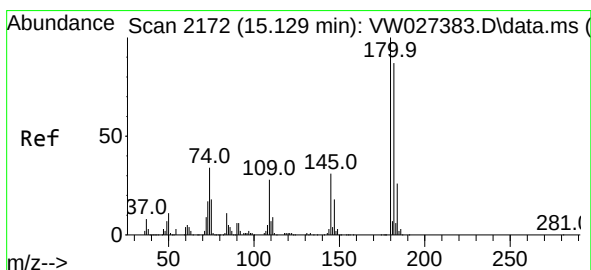
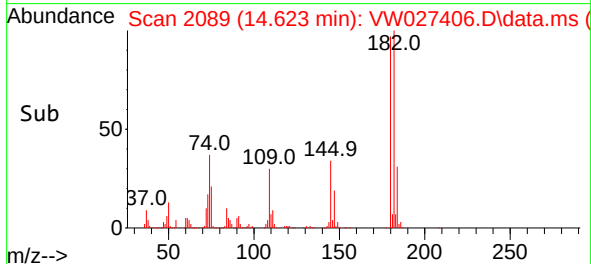
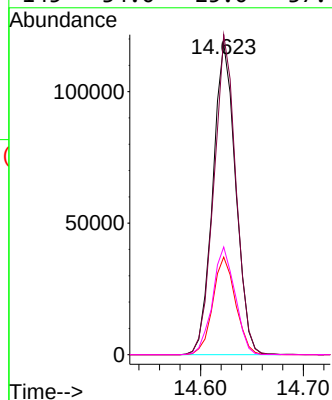
Ion Ratio Lower Upper

180 100

182 99.2 73.4 110.0

184 31.2 23.3 34.9

145 34.0 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 25.108 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

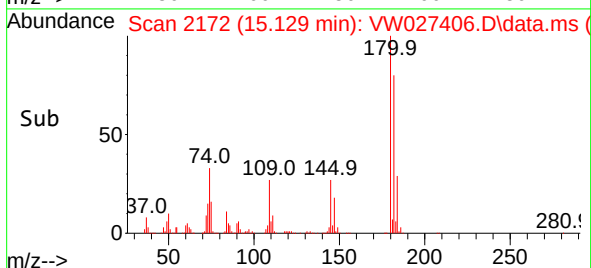
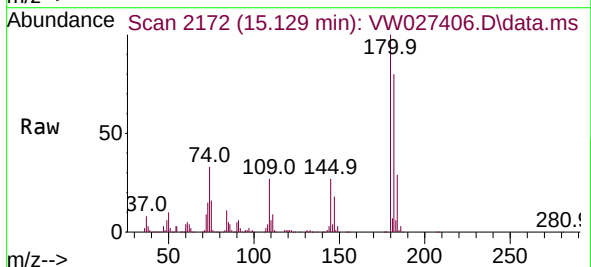
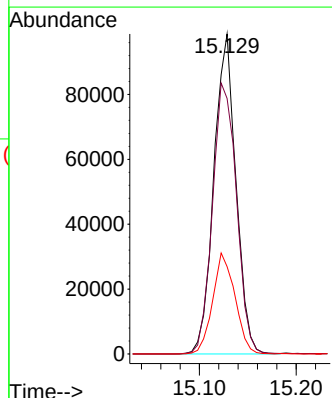
Tgt Ion:180 Resp: 156539

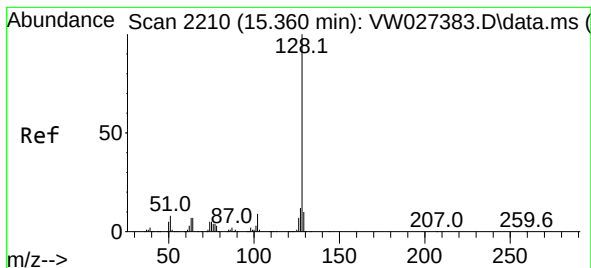
Ion Ratio Lower Upper

180 100

182 92.2 75.5 113.3

145 31.8 26.4 39.6





#71

Naphthalene

Concen: 21.449 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

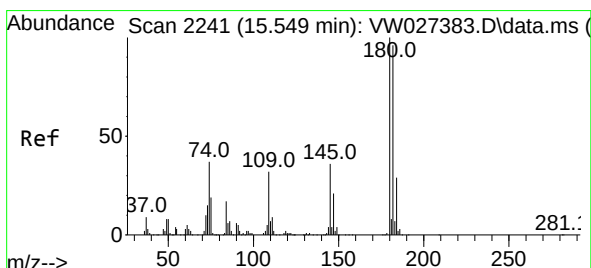
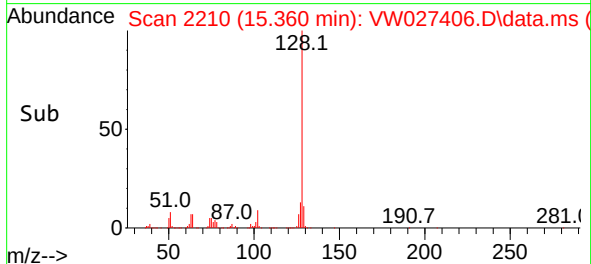
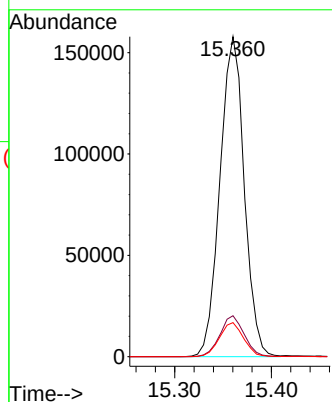
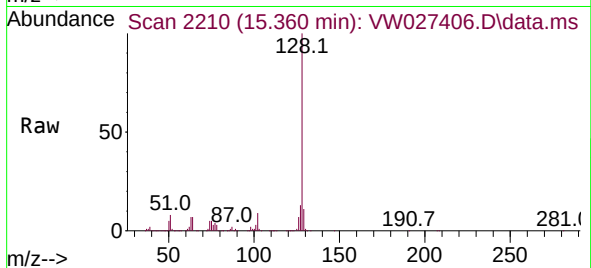
Tgt Ion:128 Resp: 274993

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 23.657 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW027406.D

Acq: 24 Oct 2023 10:20

Tgt Ion:180 Resp: 121280

Ion Ratio Lower Upper

180 100

182 98.7 81.1 121.7

145 36.8 30.6 45.8

