

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
 Data File : VW027002.D
 Acq On : 07 Sep 2023 14:13
 Operator : SY/MD
 Sample : 04330-07
 Misc : 5.26g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 08 01:34:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 08 01:32:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	551724	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	392456	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	96240	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	131623	13.353	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	53.400%		
7) Chloroethane-d5	2.887	69	132751	16.687	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.760%		
11) 1,1-Dichloroethene-d2	4.027	65	49862	13.726	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	54.920%		
21) 2-Butanone-d5	7.081	46	102842	54.149	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.300%		
24) Chloroform-d	7.648	84	302590	18.431	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	73.720%		
26) 1,2-Dichloroethane-d4	8.307	65	159204	18.449	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	73.800%		
32) Benzene-d6	8.276	84	569610	22.128	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.520%		
36) 1,2-Dichloropropane-d6	9.276	67	200849	26.577	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	106.320%		
41) Toluene-d8	10.325	98	405364	17.393	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	69.560%		
43) trans-1,3-Dichloroprop...	10.581	79	39376	13.426	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	53.720%		
47) 2-Hexanone-d5	10.922	63	46677	66.158	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	132.320%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	172585	29.428	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	117.720%		
66) 1,2-Dichlorobenzene-d4	13.855	152	73403	22.052	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.200%		
Target Compounds						Qvalue
13) Acetone	4.125	43	50020	30.078	ug/L	95
14) Carbon disulfide	4.381	76	136711	5.468	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	35438	3.774	ug/L	89
22) 2-Butanone	7.173	43	13616	5.089	ug/L	82
33) Benzene	8.325	78	23897	0.890	ug/L	100
34) Trichloroethene	9.093	95	14529	2.107	ug/L	90
35) Methylcyclohexane	9.331	83	17020	1.453	ug/L #	81
42) Toluene	10.386	91	29707	1.076	ug/L	96
45) 1,1,2-Trichloroethane	10.758	97	8530	1.729	ug/L #	27
48) 2-Hexanone	10.928	43	18912	7.848	ug/L #	36
52) Ethylbenzene	11.727	91	67735	2.212	ug/L	99
53) m,p-Xylene	11.837	106	65172	5.627	ug/L	91
54) o-Xylene	12.166	106	60128	5.548	ug/L	95
60) Isopropylbenzene	12.861	105	32460	2.462	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	42535	4.043	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	193278	18.792	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.458	75	1579	3.782	ug/L #	11
71) Naphthalene	15.360	128	29009	4.833	ug/L #	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027002.D
Acq On : 07 Sep 2023 14:13
Operator : SY/MD
Sample : 04330-07
Misc : 5.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 08 01:34:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 08 01:32:52 2023
Response via : Initial Calibration

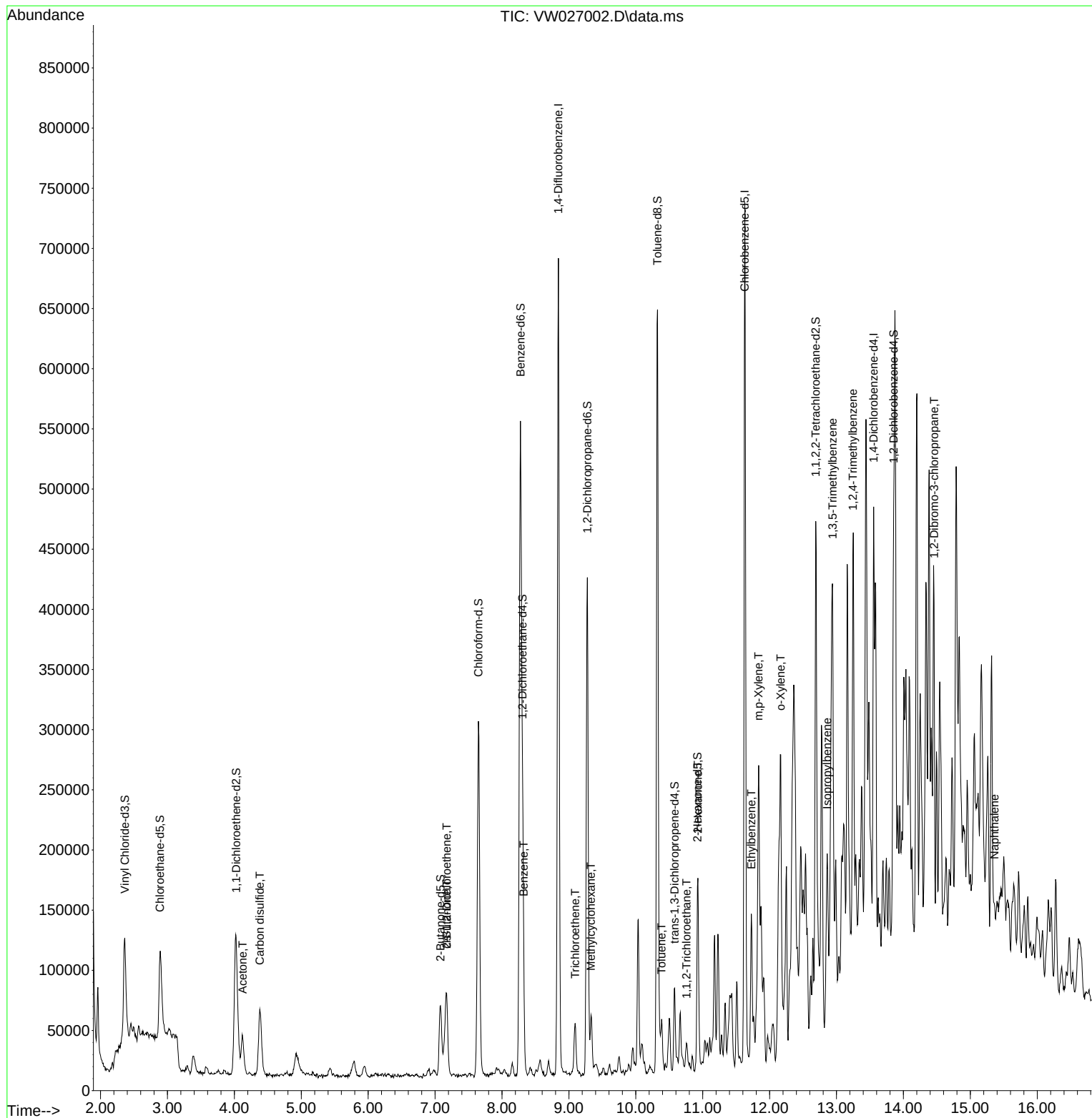
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

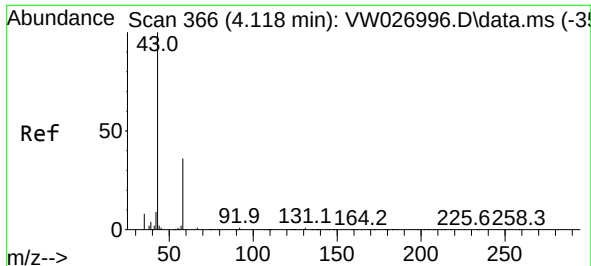
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW027002.D
Acq On : 07 Sep 2023 14:13
Operator : SY/MD
Sample : 04330-07
Misc : 5.26g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 08 01:34:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 08 01:32:52 2023
Response via : Initial Calibration

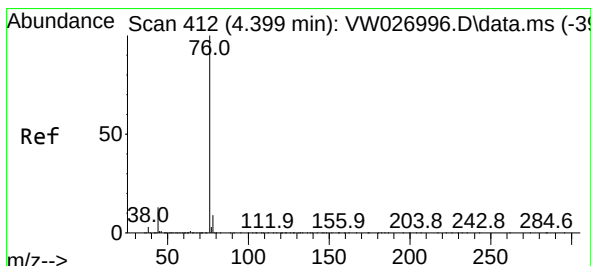
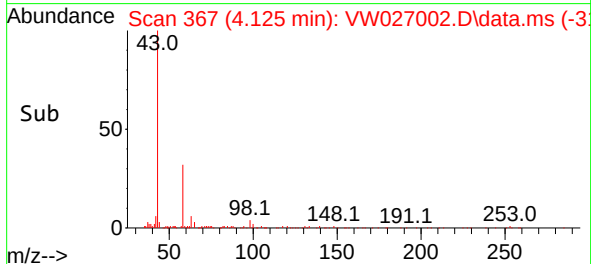
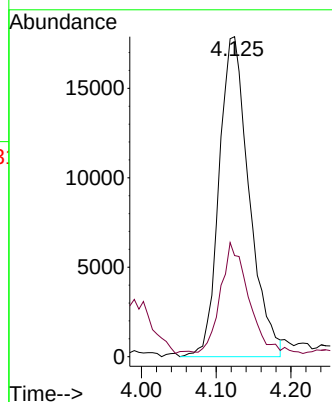
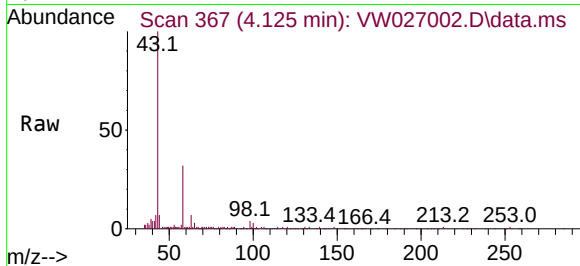




#13
Acetone
Concen: 30.078 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW027002.D
Acq: 07 Sep 2023 14:13

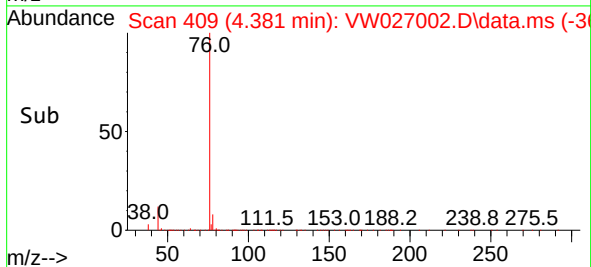
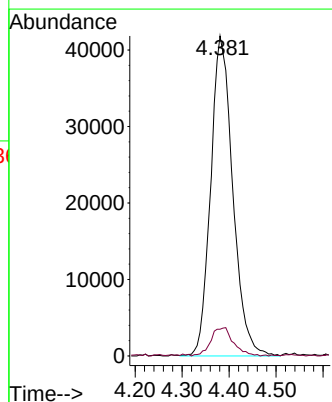
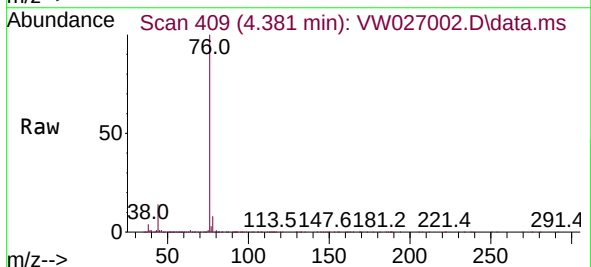
Instrument :
MSVOA_W
ClientSampleId :

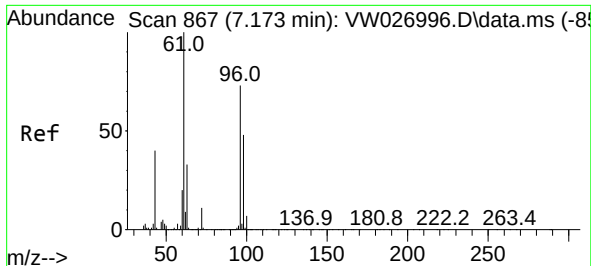
Tgt Ion: 43 Resp: 50020
Ion Ratio Lower Upper
43 100
58 30.2 0.0 66.4



#14
Carbon disulfide
Concen: 5.468 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.018 min
Lab File: VW027002.D
Acq: 07 Sep 2023 14:13

Tgt Ion: 76 Resp: 136711
Ion Ratio Lower Upper
76 100
78 8.4 7.8 11.8

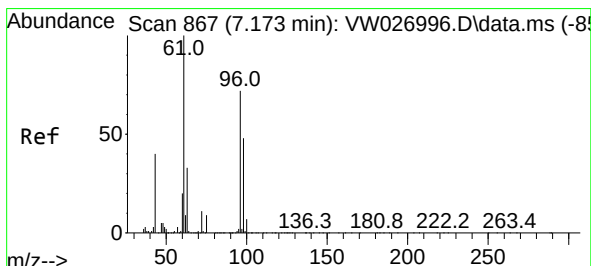
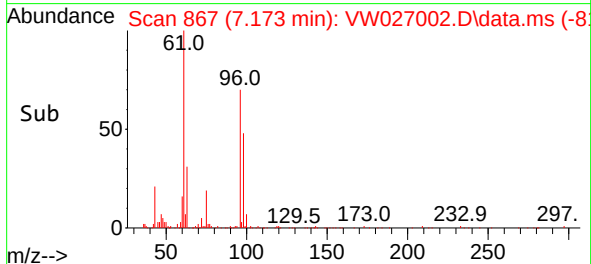
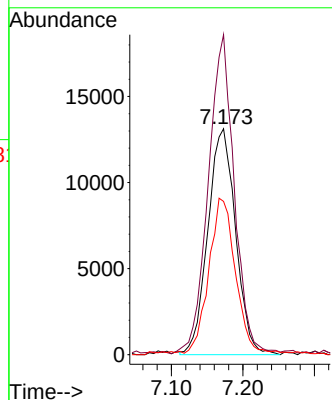
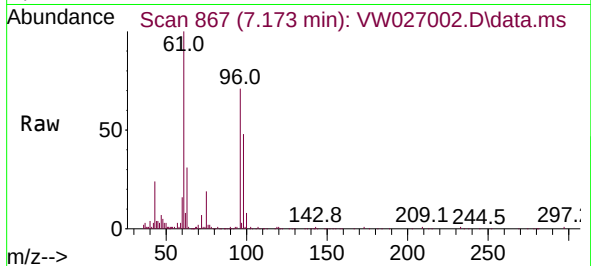




#20
 cis-1,2-Dichloroethene
 Concen: 3.774 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. -0.000 min
 Lab File: VW027002.D
 Acq: 07 Sep 2023 14:13

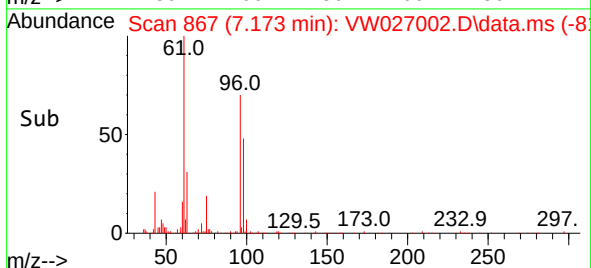
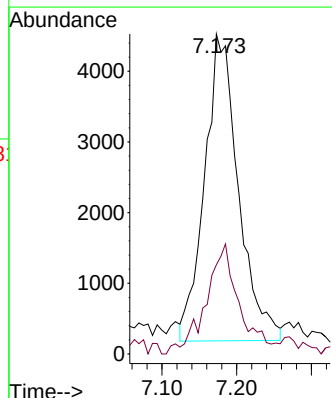
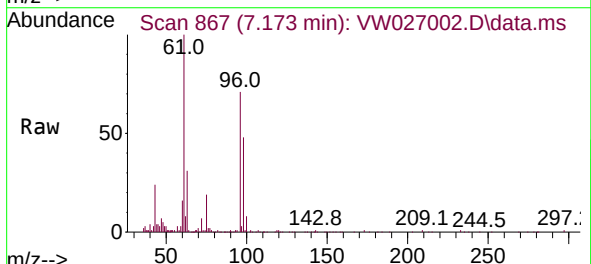
Instrument :
 MSVOA_W
 ClientSampleId :

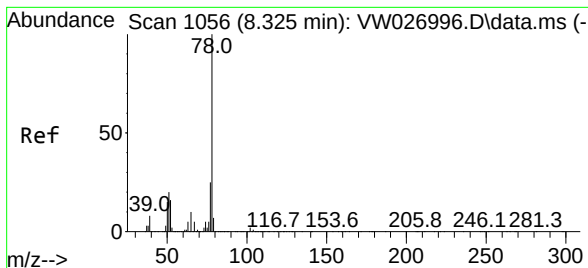
Tgt Ion: 96 Resp: 35438
 Ion Ratio Lower Upper
 96 100
 61 141.6 89.0 165.4
 98 67.8 43.6 81.0



#22
 2-Butanone
 Concen: 5.089 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. -0.000 min
 Lab File: VW027002.D
 Acq: 07 Sep 2023 14:13

Tgt Ion: 43 Resp: 13616
 Ion Ratio Lower Upper
 43 100
 72 19.0 14.4 43.0





#33

Benzene

Concen: 0.890 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VW027002.D

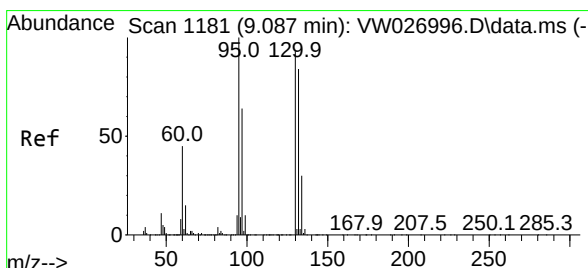
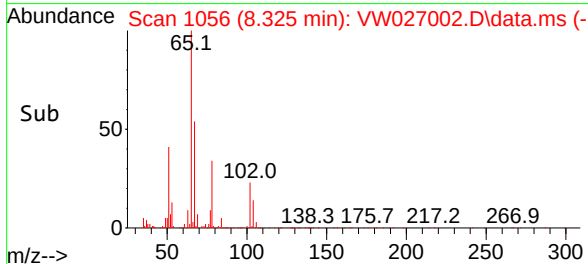
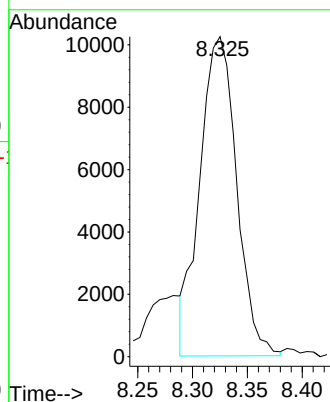
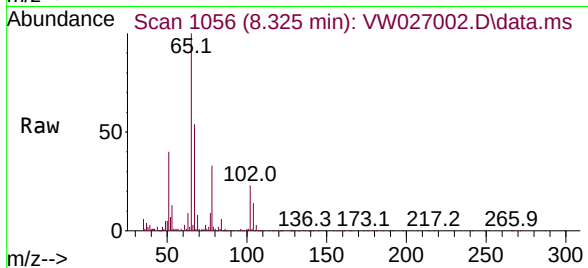
Acq: 07 Sep 2023 14:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 23897



#34

Trichloroethene

Concen: 2.107 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW027002.D

Acq: 07 Sep 2023 14:13

Tgt Ion: 95 Resp: 14529

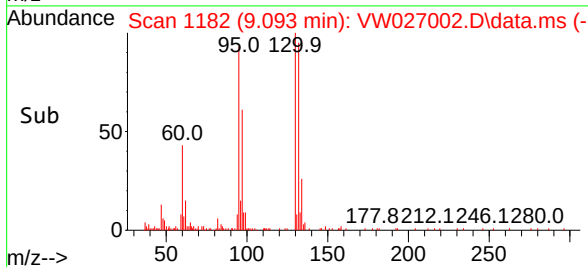
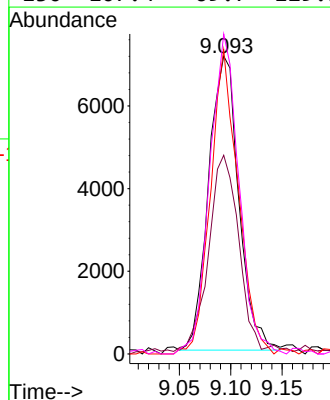
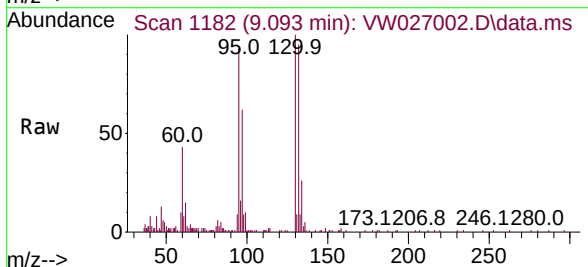
Ion Ratio Lower Upper

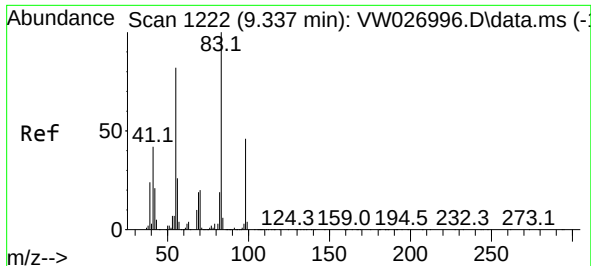
95 100

97 66.7 42.4 78.8

132 102.2 63.1 117.3

130 107.4 69.7 129.5

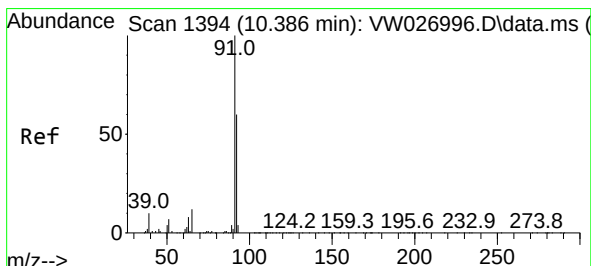
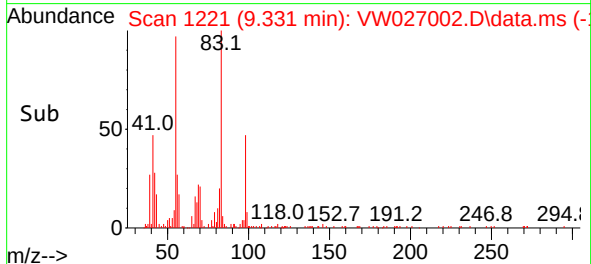
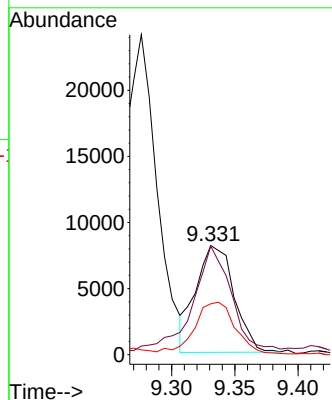
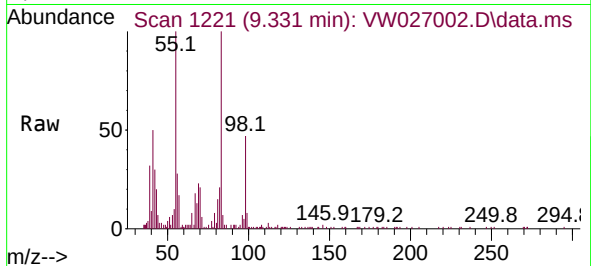




#35
Methylcyclohexane
Concen: 1.453 ug/L
RT: 9.331 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027002.D
Acq: 07 Sep 2023 14:13

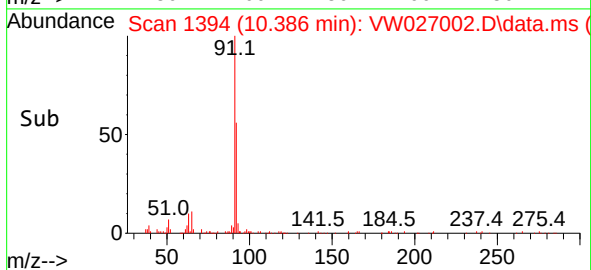
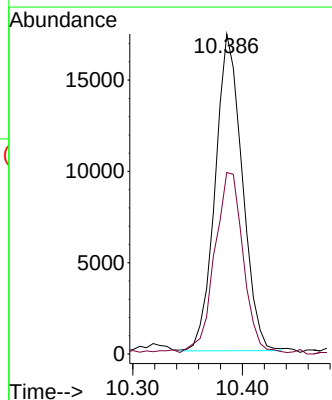
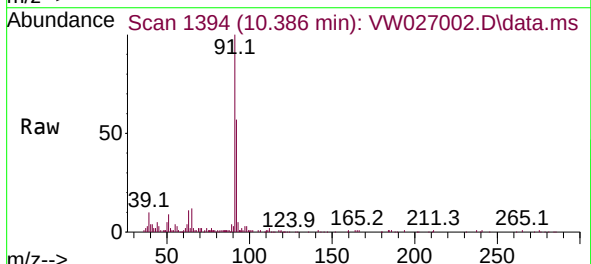
Instrument :
MSVOA_W
ClientSampleId :

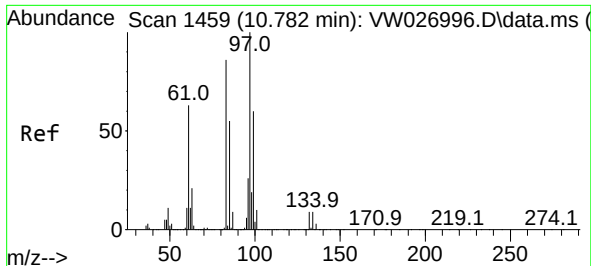
Tgt Ion: 83 Resp: 17020
Ion Ratio Lower Upper
83 100
55 100.5 61.7 92.5#
98 51.2 38.3 57.5



#42
Toluene
Concen: 1.076 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027002.D
Acq: 07 Sep 2023 14:13

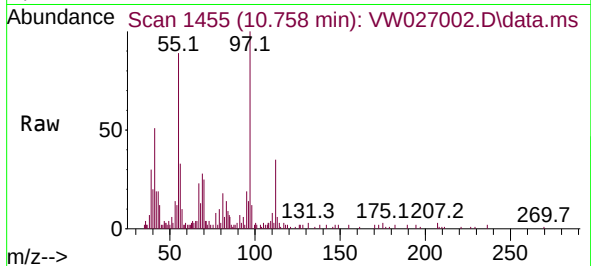
Tgt Ion: 91 Resp: 29707
Ion Ratio Lower Upper
91 100
92 56.7 41.6 77.2



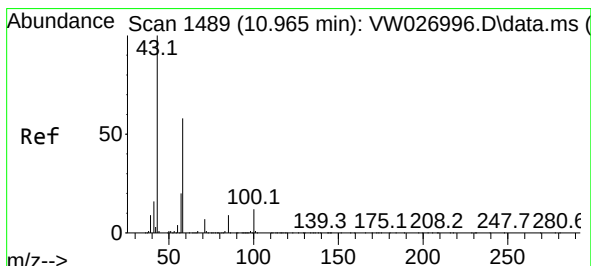
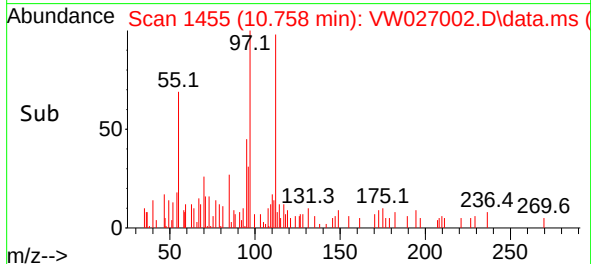
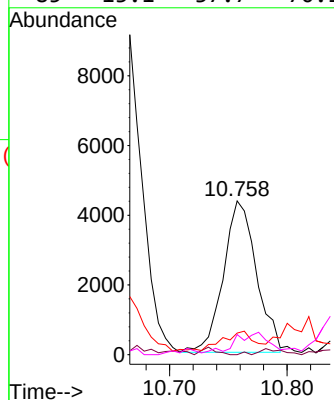


#45
1,1,2-Trichloroethane
Concen: 1.729 ug/L
RT: 10.758 min Scan# 1455
Delta R.T. -0.024 min
Lab File: VW027002.D
Acq: 07 Sep 2023 14:13

Instrument :
MSVOA_W
ClientSampleId :

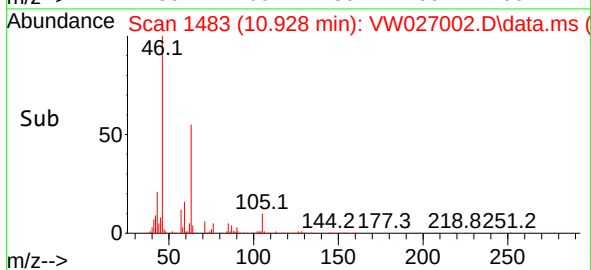
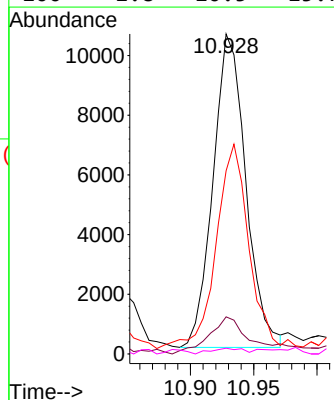
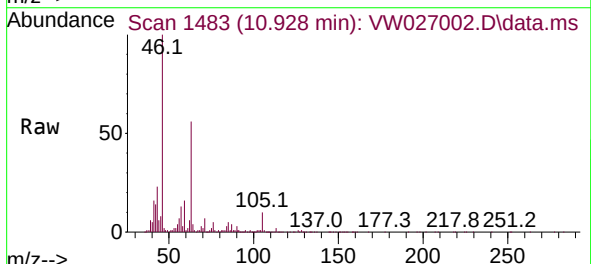


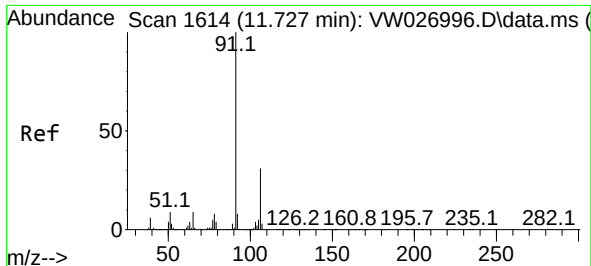
Tgt Ion: 97 Resp: 8530
Ion Ratio Lower Upper
97 100
99 1.8 44.7 82.9#
83 14.0 60.9 113.1#
85 13.1 37.7 70.1#



#48
2-Hexanone
Concen: 7.848 ug/L
RT: 10.928 min Scan# 1483
Delta R.T. -0.037 min
Lab File: VW027002.D
Acq: 07 Sep 2023 14:13

Tgt Ion: 43 Resp: 18912
Ion Ratio Lower Upper
43 100
58 13.8 47.5 71.3#
57 64.6 15.2 22.8#
100 1.8 10.5 15.7#

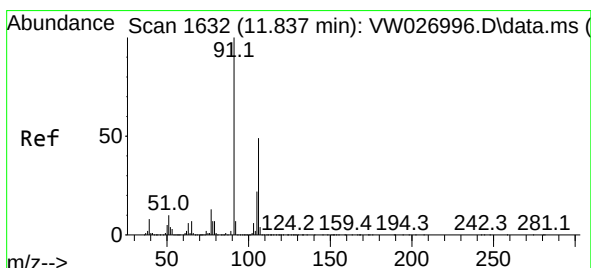
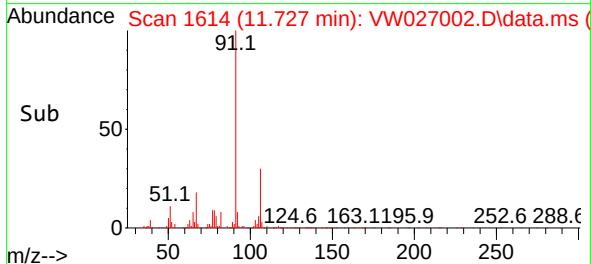
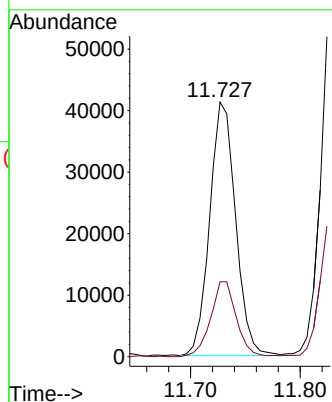
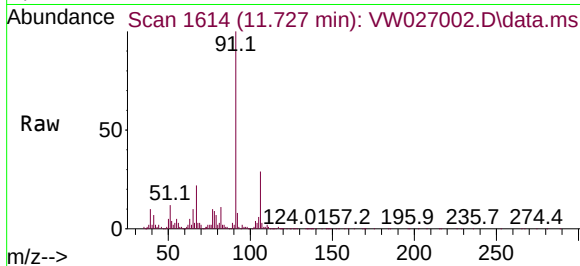




#52
Ethylbenzene
Concen: 2.212 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027002.D
Acq: 07 Sep 2023 14:13

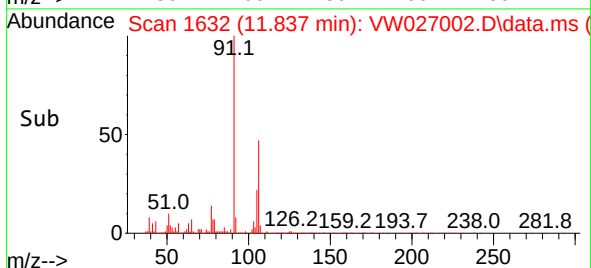
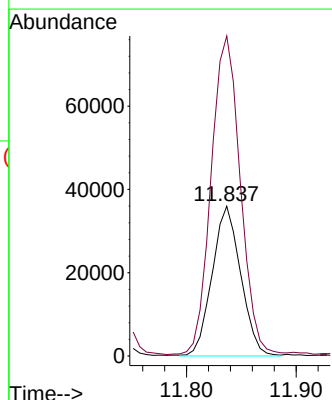
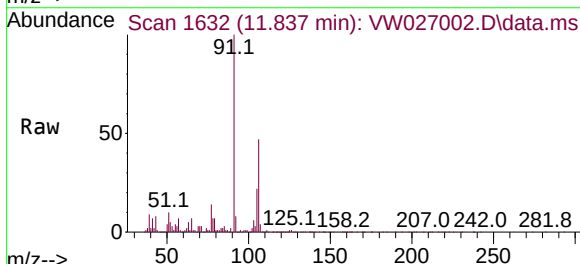
Instrument :
MSVOA_W
ClientSampleId :

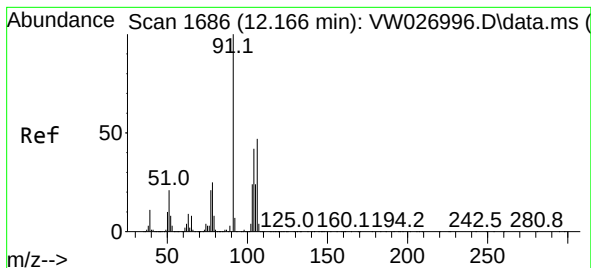
Tgt Ion: 91 Resp: 67735
Ion Ratio Lower Upper
91 100
106 29.4 21.1 39.3



#53
m,p-Xylene
Concen: 5.627 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027002.D
Acq: 07 Sep 2023 14:13

Tgt Ion: 106 Resp: 65172
Ion Ratio Lower Upper
106 100
91 213.7 139.6 259.2





#54

o-Xylene

Concen: 5.548 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027002.D

Acq: 07 Sep 2023 14:13

Instrument :

MSVOA_W

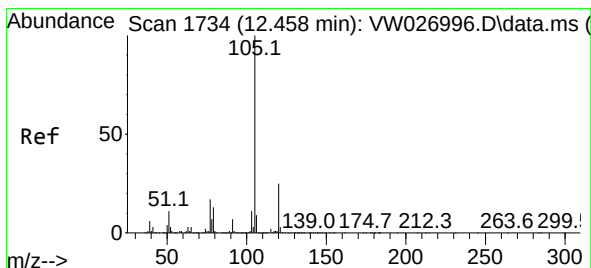
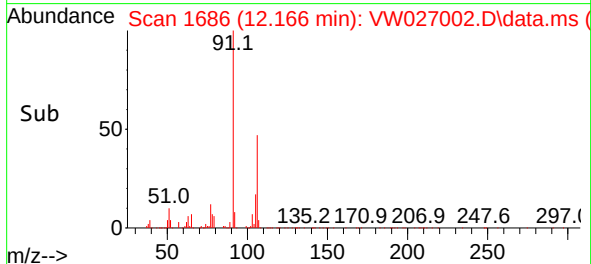
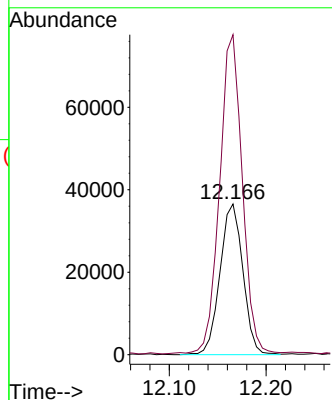
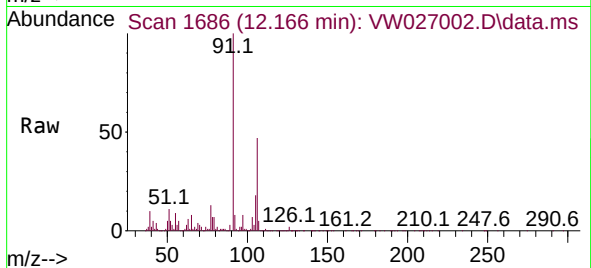
ClientSampleId :

Tgt Ion:106 Resp: 60128

Ion Ratio Lower Upper

106 100

91 212.3 154.0 286.0



#60

Isopropylbenzene

Concen: 2.462 ug/L

RT: 12.861 min Scan# 1800

Delta R.T. 0.402 min

Lab File: VW027002.D

Acq: 07 Sep 2023 14:13

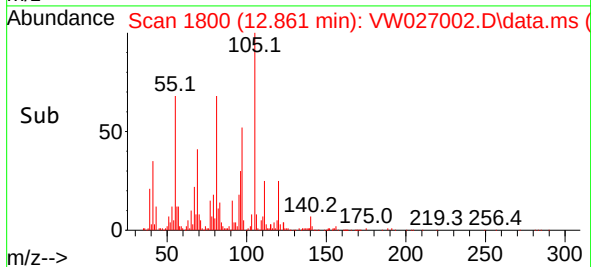
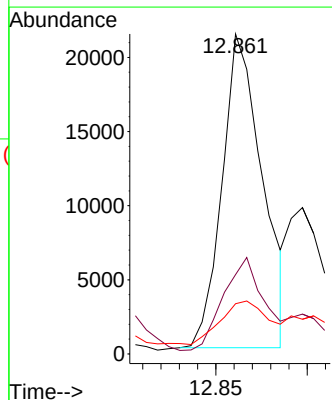
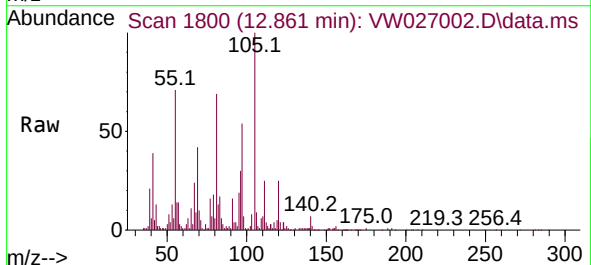
Tgt Ion:105 Resp: 32460

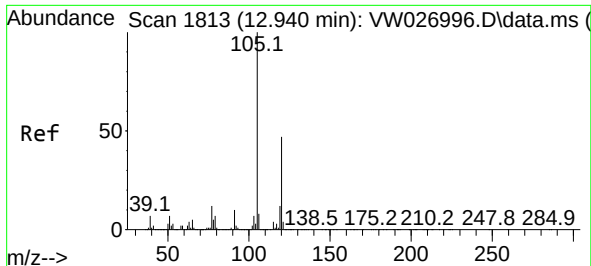
Ion Ratio Lower Upper

105 100

120 30.1 21.4 32.0

77 16.5 12.8 19.2

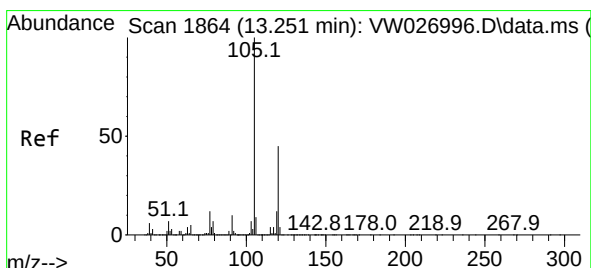
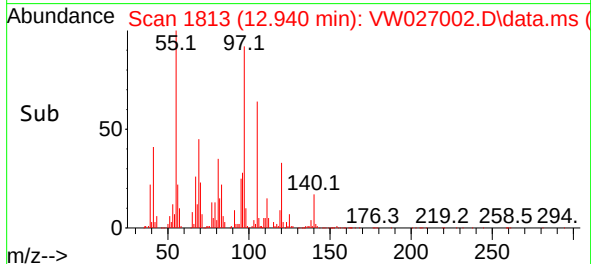
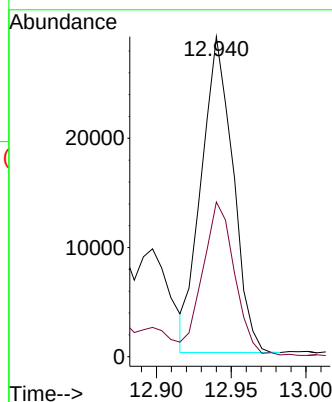
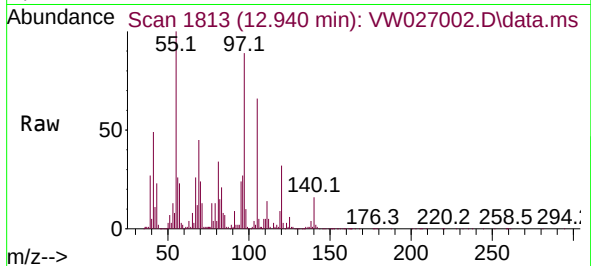




#62
1,3,5-Trimethylbenzene
Concen: 4.043 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027002.D
Acq: 07 Sep 2023 14:13

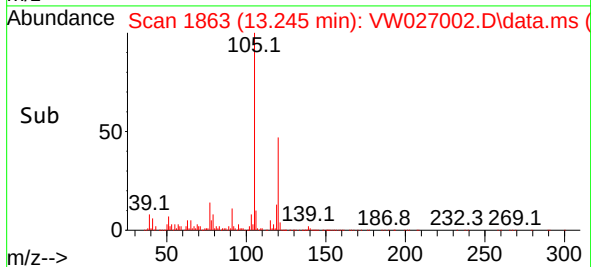
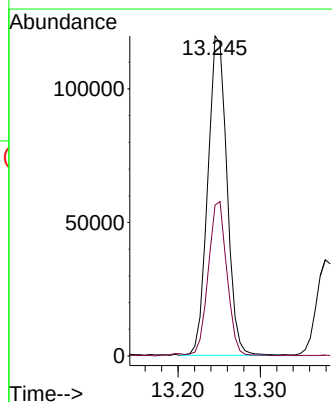
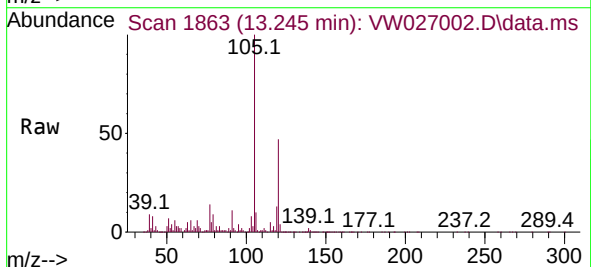
Instrument :
MSVOA_W
ClientSampleId :

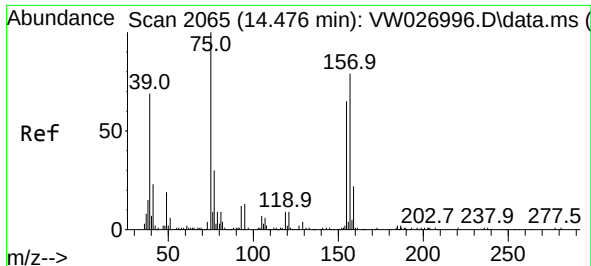
Tgt Ion:105 Resp: 42535
Ion Ratio Lower Upper
105 100
120 48.9 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 18.792 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VW027002.D
Acq: 07 Sep 2023 14:13

Tgt Ion:105 Resp: 193278
Ion Ratio Lower Upper
105 100
120 46.9 36.3 54.5

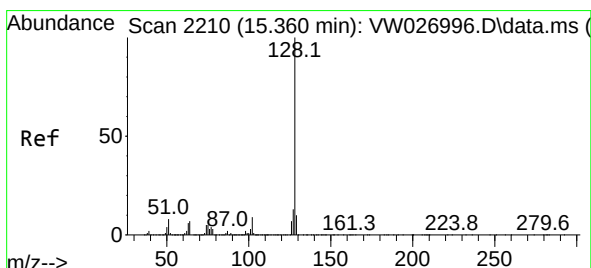
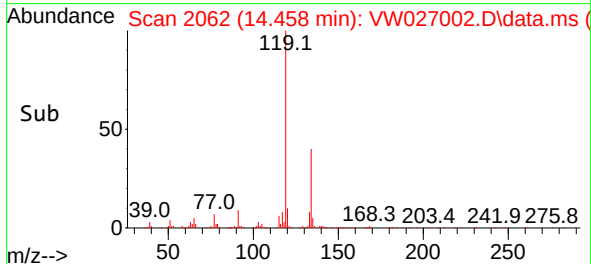
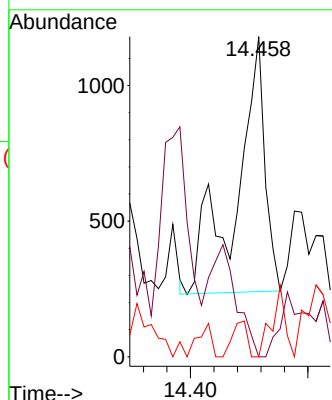
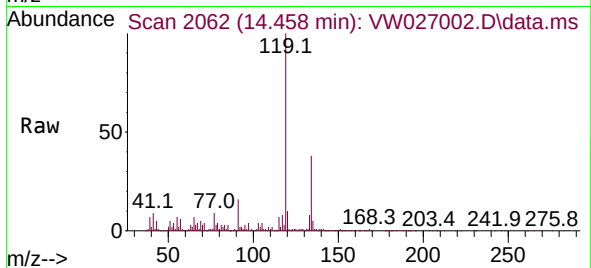




#68
1,2-Dibromo-3-chloropropane
Concen: 3.782 ug/L
RT: 14.458 min Scan# 2062
Delta R.T. -0.018 min
Lab File: VW027002.D
Acq: 07 Sep 2023 14:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 1579
Ion Ratio Lower Upper
75 100
155 0.0 65.9 98.9#
157 6.3 68.7 103.1#



#71
Naphthalene
Concen: 4.833 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW027002.D
Acq: 07 Sep 2023 14:13

Tgt Ion:128 Resp: 29009
Ion Ratio Lower Upper
128 100
127 13.4 10.9 16.3
129 7.9 8.9 13.3#

