

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
 Data File : VW026044.D
 Acq On : 25 May 2023 16:38
 Operator : SY/MD
 Sample : 02950-09
 Misc : 3.47g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW986

Quant Time: May 26 00:35:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 26 00:33:05 2023
 Response via : Initial Calibration

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

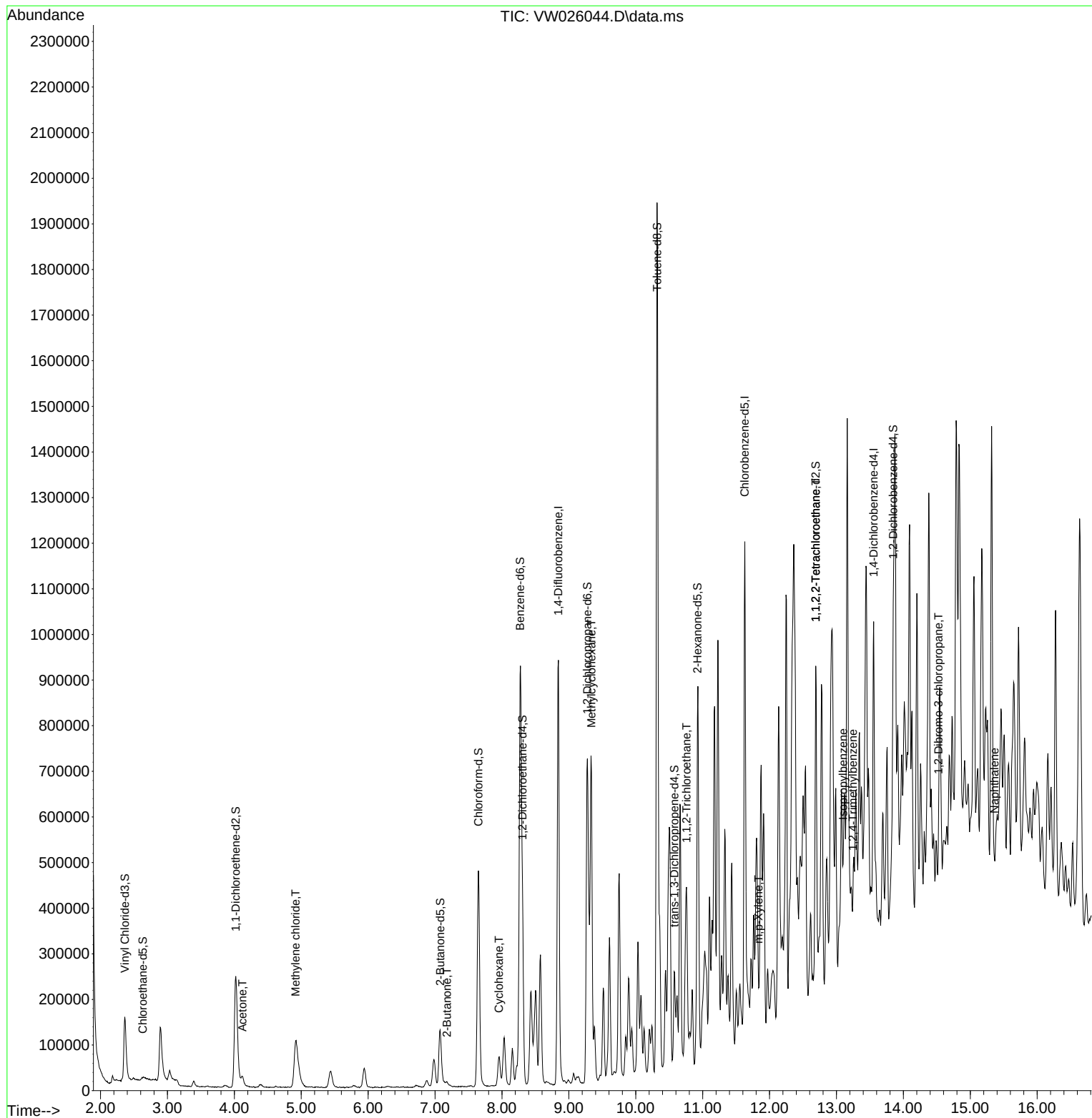
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	722556	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	513023	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	166297	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	194388	18.985	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.920%
7) Chloroethane-d5	2.631	69	256	0.034	ug/L	-0.26
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.120%#
11) 1,1-Dichloroethene-d2	4.021	65	98762	19.263	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.040%
21) 2-Butanone-d5	7.075	46	227083	67.087	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.180%
24) Chloroform-d	7.648	84	475569	22.825	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.320%
26) 1,2-Dichloroethane-d4	8.307	65	293772	24.935	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.720%
32) Benzene-d6	8.270	84	917207	27.361	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.440%
36) 1,2-Dichloropropane-d6	9.276	67	321323	29.959	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.840%
41) Toluene-d8	10.319	98	738390	24.702	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	10.575	79	103279	23.755	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.040%
47) 2-Hexanone-d5	10.922	63	157771	86.265	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	172.540%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	234665	28.706	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.840%
66) 1,2-Dichlorobenzene-d4	13.849	152	143836	23.727	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.920%
Target Compounds					Qvalue	
13) Acetone	4.119	43	35277	11.753	ug/L	98
16) Methylene chloride	4.917	84	86899	5.832	ug/L	95
22) 2-Butanone	7.179	43	15297	3.691	ug/L	89
29) Cyclohexane	7.953	56	33896	2.132	ug/L #	95
35) Methylcyclohexane	9.337	83	248797	15.359	ug/L #	77
45) 1,1,2-Trichloroethane	10.758	97	112196	17.248	ug/L #	20
53) m,p-Xylene	11.837	106	13163	0.877	ug/L	83
57) 1,1,2,2-Tetrachloroethane	12.690	83	14319	1.764	ug/L #	88
60) Isopropylbenzene	13.099	105	80583	3.188	ug/L	94
63) 1,2,4-Trimethylbenzene	13.245	105	17170	0.929	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.525	75	1723	1.891	ug/L #	62
71) Naphthalene	15.360	128	8239	0.721	ug/L #	83

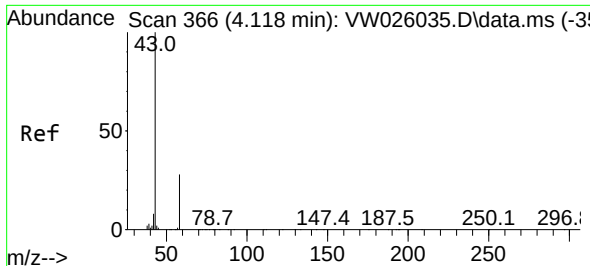
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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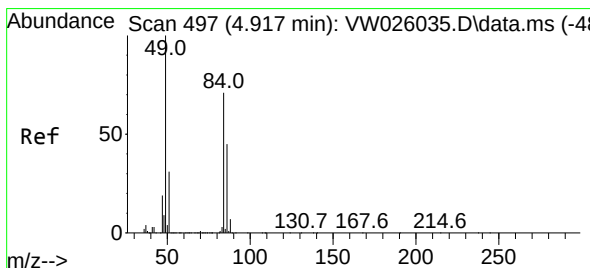
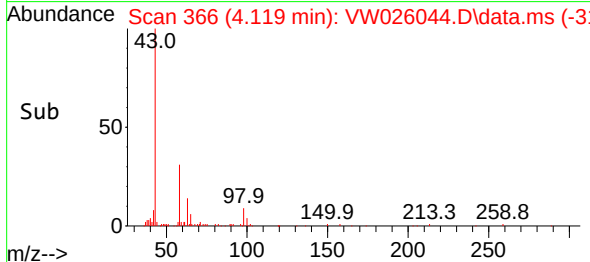
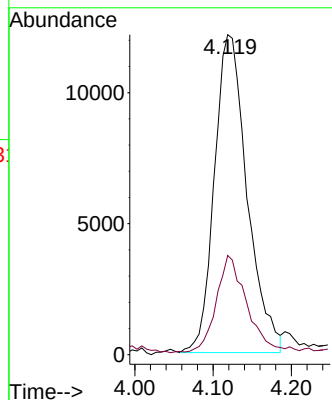
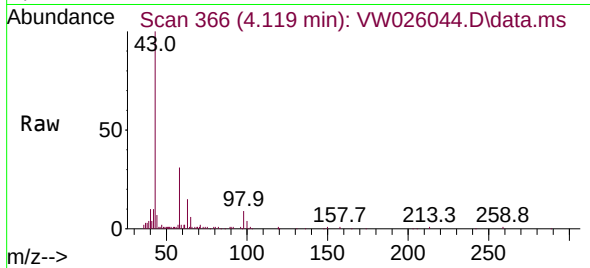




#13
Acetone
Concen: 11.753 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026044.D
Acq: 25 May 2023 16:38

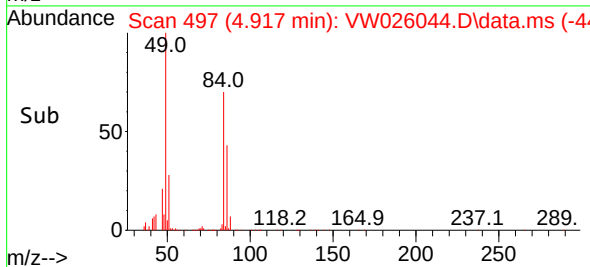
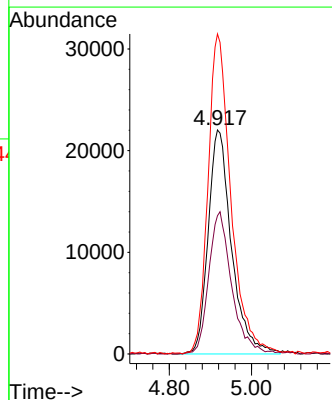
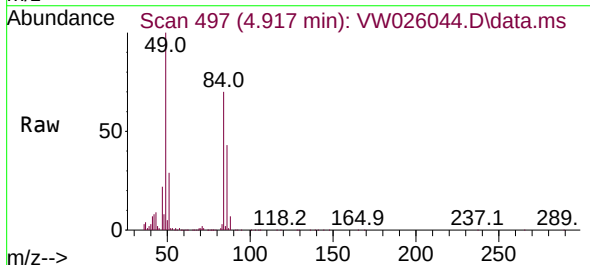
Instrument :
MSVOA_W
ClientSampleId :
EW986

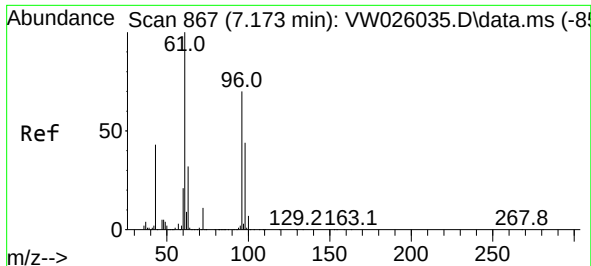
Tgt Ion: 43 Resp: 35277
Ion Ratio Lower Upper
43 100
58 28.0 0.0 58.2



#16
Methylene chloride
Concen: 5.832 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026044.D
Acq: 25 May 2023 16:38

Tgt Ion: 84 Resp: 86899
Ion Ratio Lower Upper
84 100
86 61.7 41.7 77.5
49 142.8 95.3 177.1





#22

2-Butanone

Concen: 3.691 ug/L

RT: 7.179 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026044.D

Acq: 25 May 2023 16:38

Instrument :

MSVOA_W

ClientSampleId :

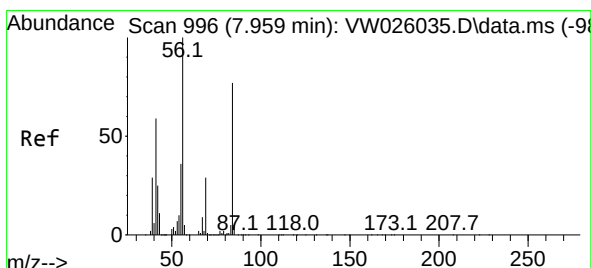
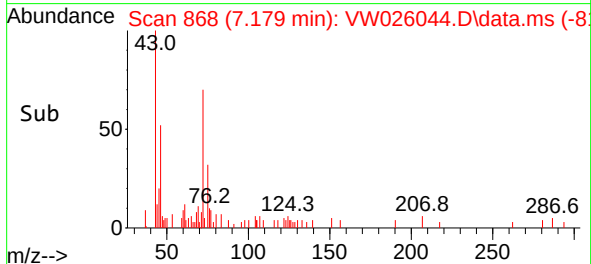
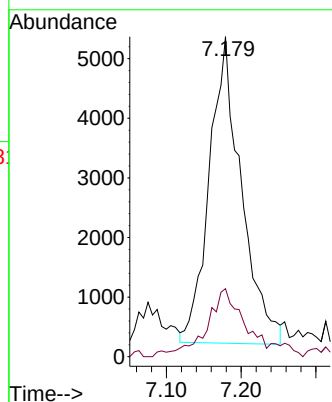
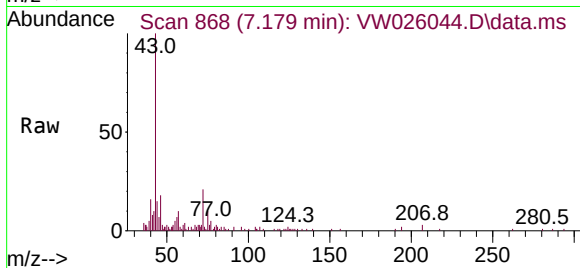
EW986

Tgt Ion: 43 Resp: 15297

Ion Ratio Lower Upper

43 100

72 18.2 11.8 35.4



#29

Cyclohexane

Concen: 2.132 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW026044.D

Acq: 25 May 2023 16:38

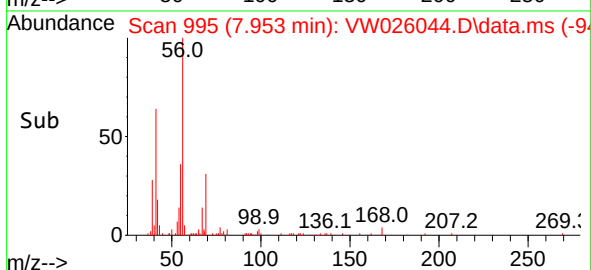
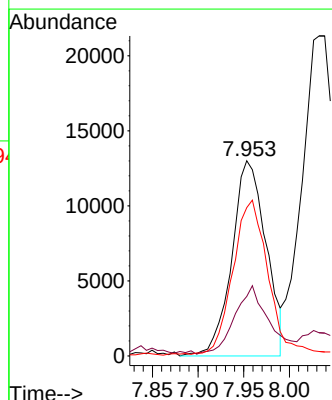
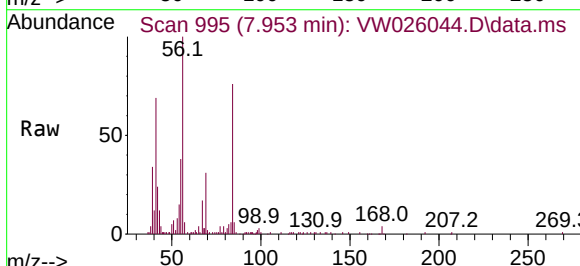
Tgt Ion: 56 Resp: 33896

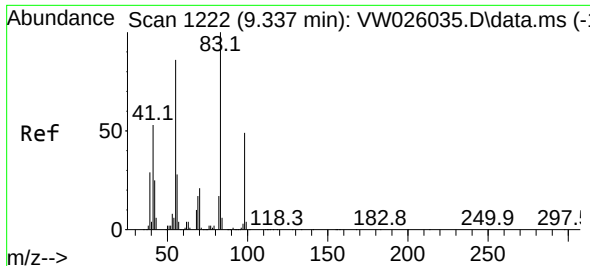
Ion Ratio Lower Upper

56 100

69 35.2 23.4 35.0

84 81.0 63.3 94.9

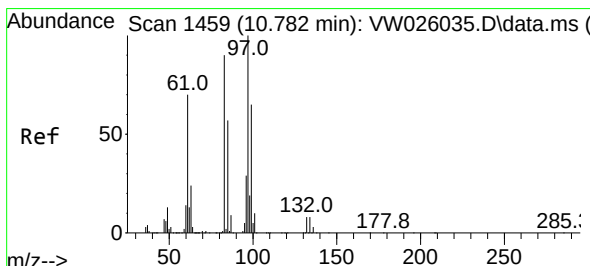
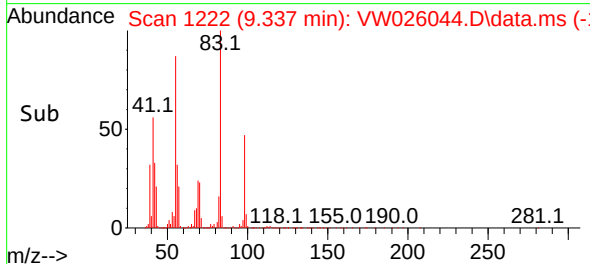
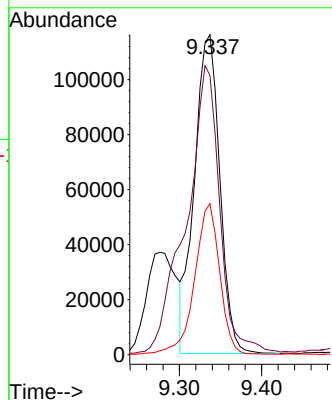
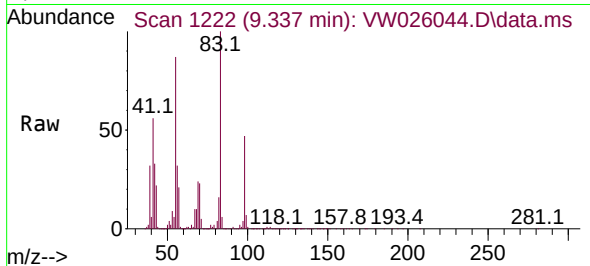




#35
Methylcyclohexane
Concen: 15.359 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026044.D
Acq: 25 May 2023 16:38

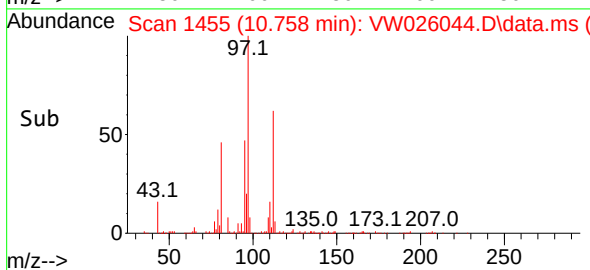
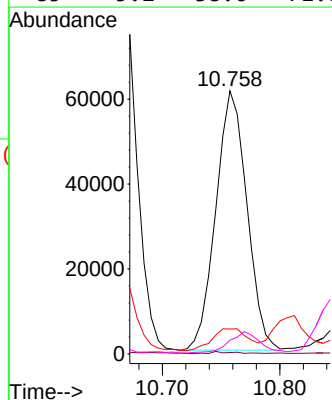
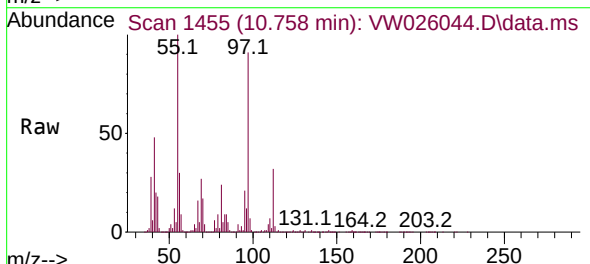
Instrument :
MSVOA_W
ClientSampleId :
EW986

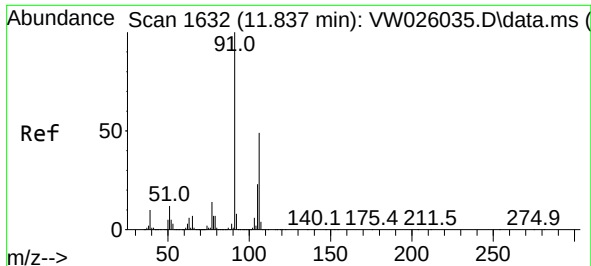
Tgt Ion: 83 Resp: 248797
Ion Ratio Lower Upper
83 100
55 118.1 69.0 103.4#
98 46.8 37.1 55.7



#45
1,1,2-Trichloroethane
Concen: 17.248 ug/L
RT: 10.758 min Scan# 1455
Delta R.T. -0.024 min
Lab File: VW026044.D
Acq: 25 May 2023 16:38

Tgt Ion: 97 Resp: 112196
Ion Ratio Lower Upper
97 100
99 0.6 44.5 82.7#
83 9.5 63.0 117.0#
85 5.2 38.6 71.8#

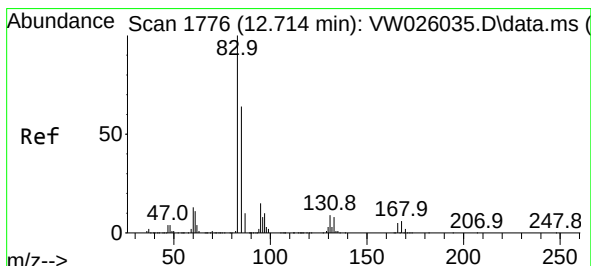
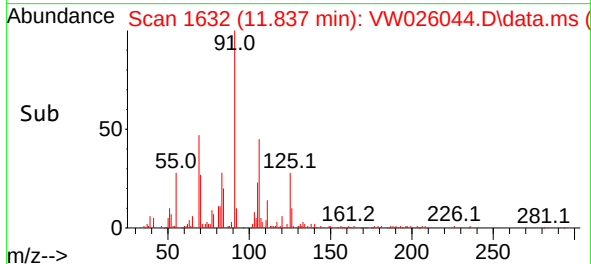
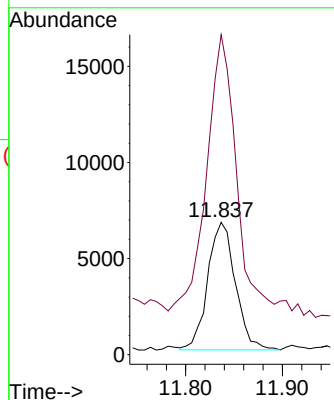
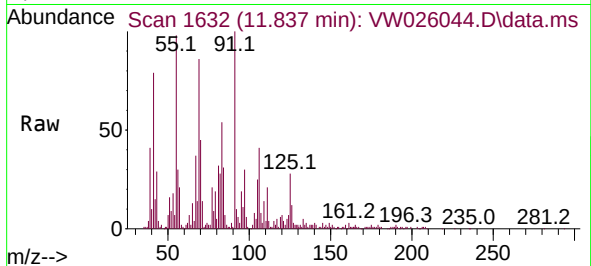




#53
m,p-Xylene
Concen: 0.877 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026044.D
Acq: 25 May 2023 16:38

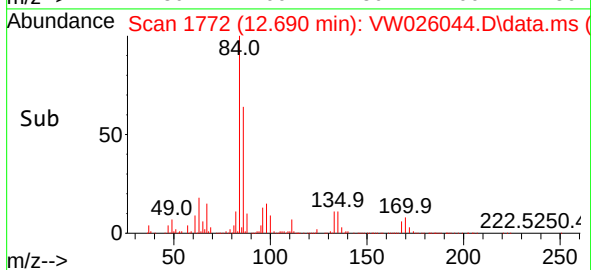
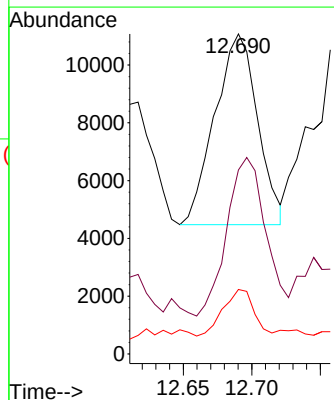
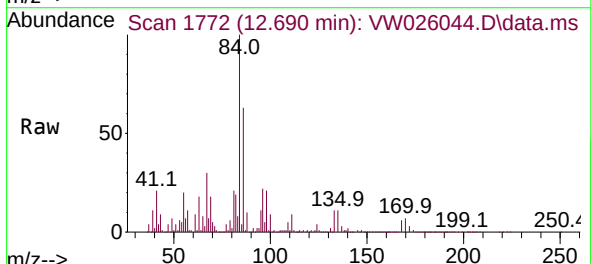
Instrument :
MSVOA_W
ClientSampleId :
EW986

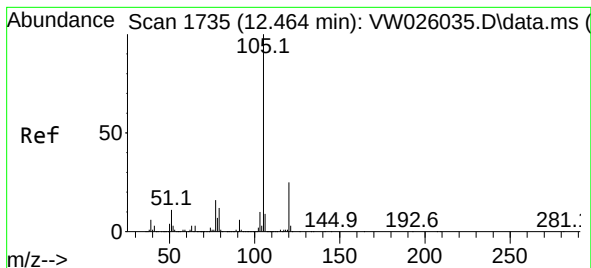
Tgt Ion:106 Resp: 13163
Ion Ratio Lower Upper
106 100
91 241.8 150.1 278.9



#57
1,1,2,2-Tetrachloroethane
Concen: 1.764 ug/L
RT: 12.690 min Scan# 1772
Delta R.T. -0.024 min
Lab File: VW026044.D
Acq: 25 May 2023 16:38

Tgt Ion: 83 Resp: 14319
Ion Ratio Lower Upper
83 100
85 57.5 45.6 84.8
131 20.2 8.1 12.1#





#60

Isopropylbenzene

Concen: 3.188 ug/L

RT: 13.099 min Scan# 1839

Delta R.T. 0.634 min

Lab File: VW026044.D

Acq: 25 May 2023 16:38

Instrument :

MSVOA_W

ClientSampleId :

EW986

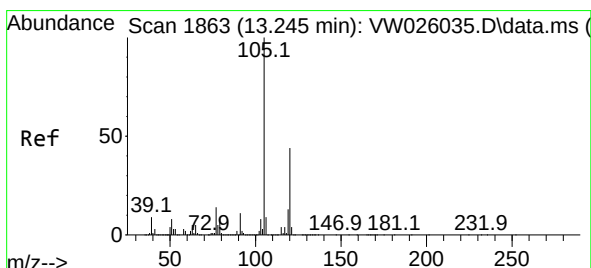
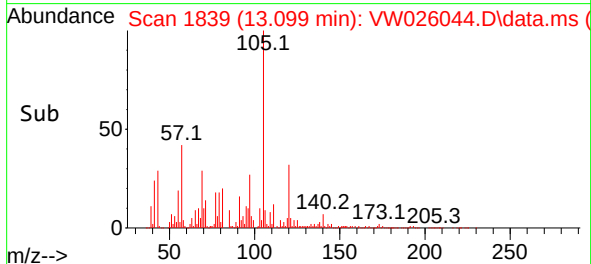
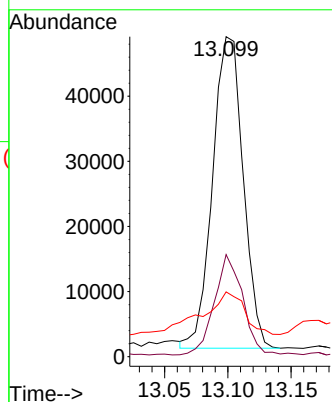
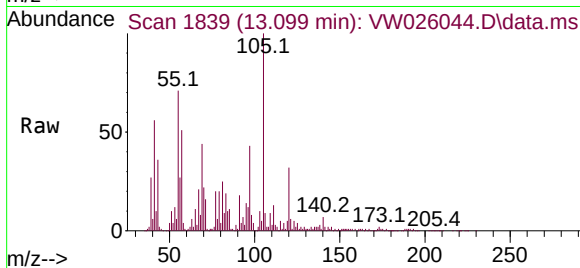
Tgt Ion:105 Resp: 80583

Ion Ratio Lower Upper

105 100

120 29.6 21.1 31.7

77 18.6 13.4 20.0



#63

1,2,4-Trimethylbenzene

Concen: 0.929 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026044.D

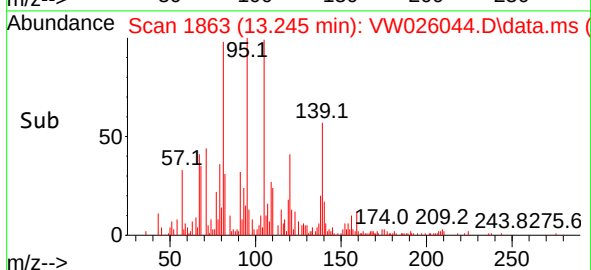
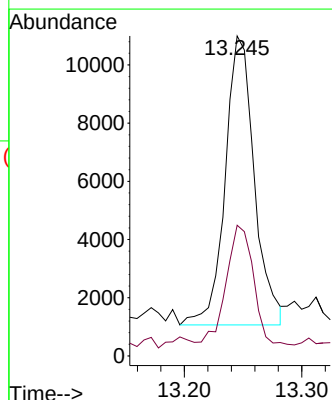
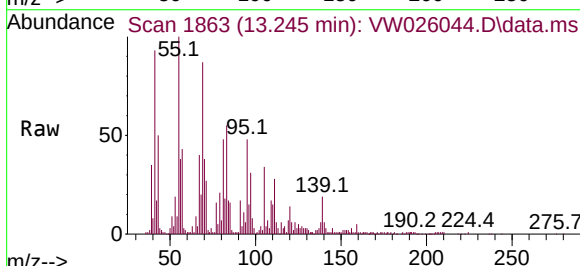
Acq: 25 May 2023 16:38

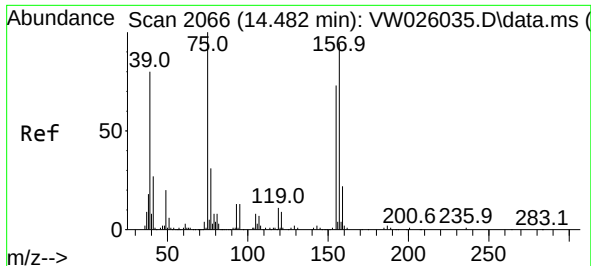
Tgt Ion:105 Resp: 17170

Ion Ratio Lower Upper

105 100

120 38.2 34.7 52.1

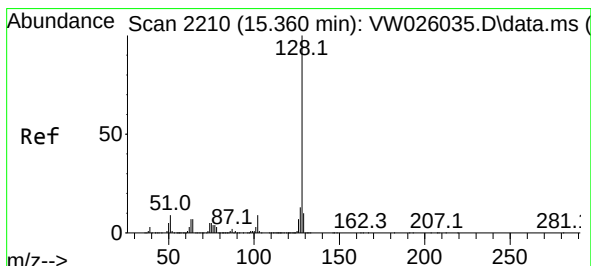
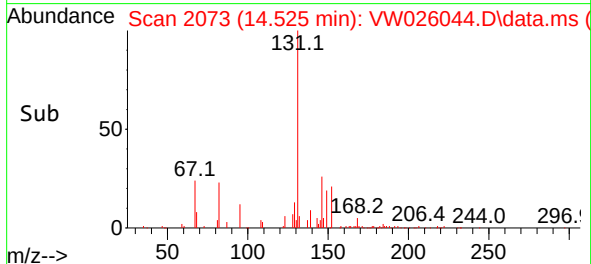
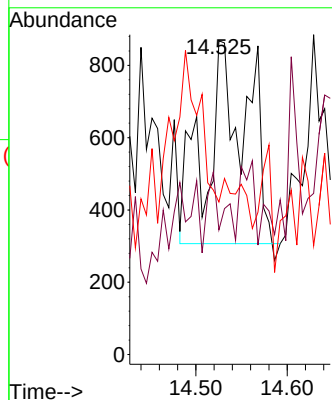
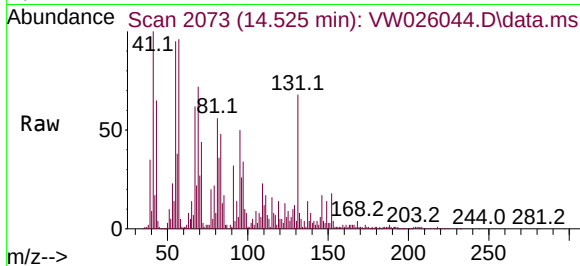




#68
1,2-Dibromo-3-chloropropane
Concen: 1.891 ug/L
RT: 14.525 min Scan# 2066
Delta R.T. 0.043 min
Lab File: VW026044.D
Acq: 25 May 2023 16:38

Instrument :
MSVOA_W
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Tgt Ion: 75 Resp: 1723
Ion Ratio Lower Upper
75 100
155 39.7 56.3 84.5#
157 48.6 66.3 99.5#



#71
Naphthalene
Concen: 0.721 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW026044.D
Acq: 25 May 2023 16:38

Tgt Ion: 128 Resp: 8239
Ion Ratio Lower Upper
128 100
127 9.6 10.5 15.7#
129 0.0 8.5 12.7#

