

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102023\
 Data File : VW027379.D
 Acq On : 20 Oct 2023 17:22
 Operator : SY/MD
 Sample : 04922-04
 Misc : 4.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EOAR2

Quant Time: Oct 21 04:31:04 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)

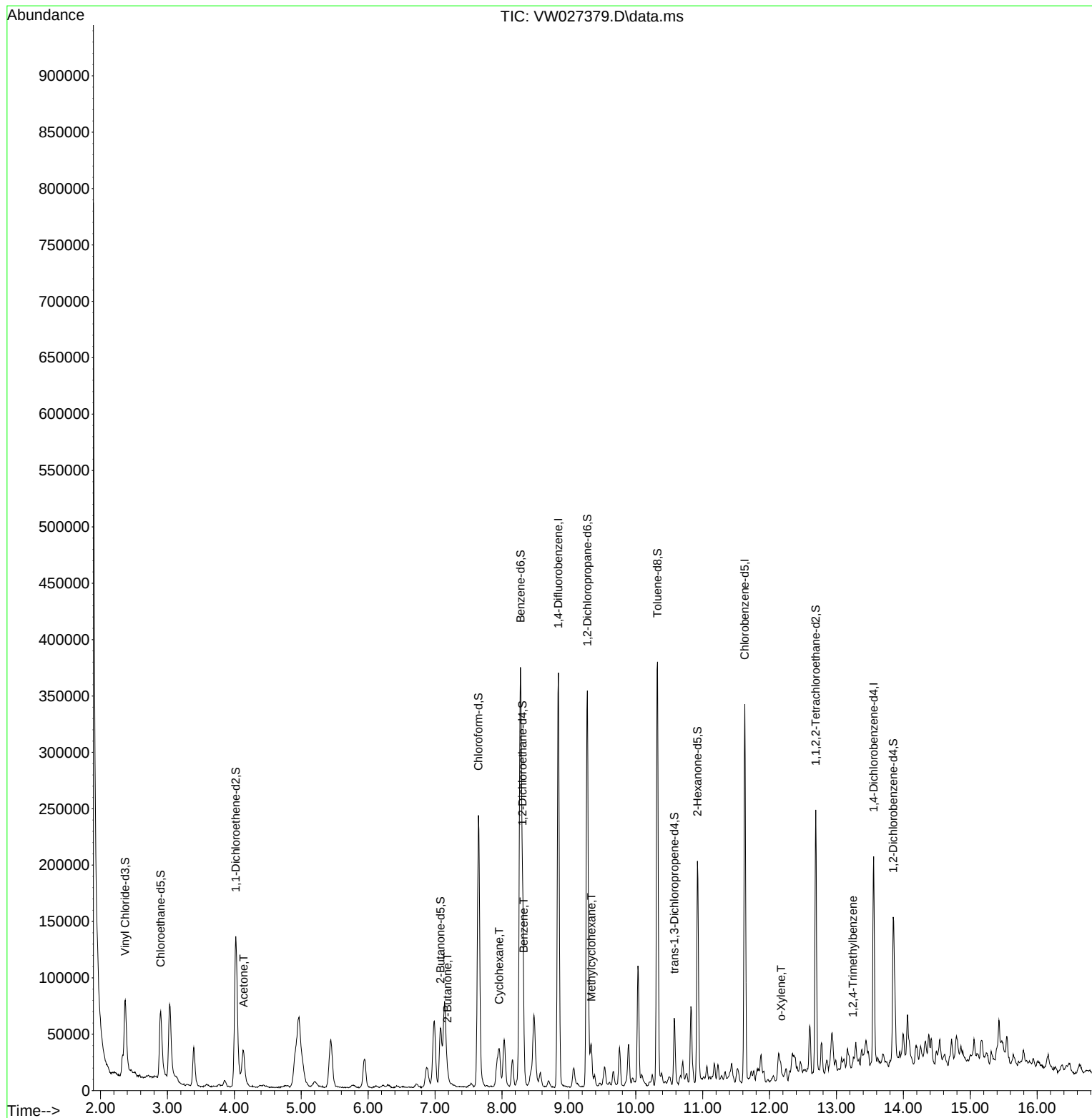
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	296526	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	170265	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	47751	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	97779	21.606	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.440%
7) Chloroethane-d5	2.899	69	90487	27.847	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.400%
11) 1,1-Dichloroethene-d2	4.021	65	49410	21.790	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.160%
21) 2-Butanone-d5	7.081	46	94959	63.131	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.260%
24) Chloroform-d	7.648	84	239735	27.126	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.520%
26) 1,2-Dichloroethane-d4	8.307	65	122080	25.714	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.840%
32) Benzene-d6	8.276	84	371072	32.212	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	128.840%
36) 1,2-Dichloropropane-d6	9.276	67	167540	47.616	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	190.480%#
41) Toluene-d8	10.325	98	243188	23.280	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.120%
43) trans-1,3-Dichloroprop...	10.575	79	30920	19.274	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.080%
47) 2-Hexanone-d5	10.922	63	64400	88.465	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	176.940%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	113264	43.146	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	172.600%#
66) 1,2-Dichlorobenzene-d4	13.849	152	31197	18.029	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.120%#
Target Compounds						
					Qvalue	
13) Acetone	4.137	43	52935	40.746	ug/L	95
22) 2-Butanone	7.185	43	15324	7.880	ug/L	100
29) Cyclohexane	7.959	56	22641	4.380	ug/L	94
33) Benzene	8.325	78	8898	0.800	ug/L	100
35) Methylcyclohexane	9.337	83	11603	2.207	ug/L #	70
54) o-Xylene	12.172	106	2763	0.561	ug/L	68
63) 1,2,4-Trimethylbenzene	13.245	105	3363	0.549	ug/L	89

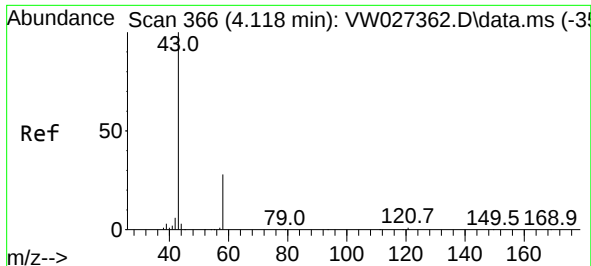
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

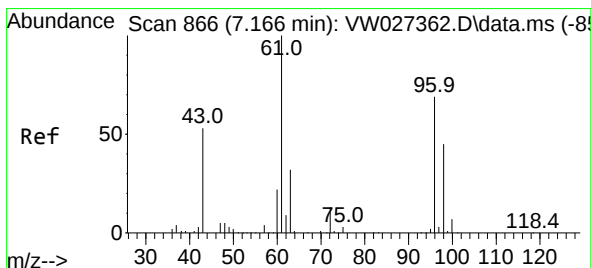
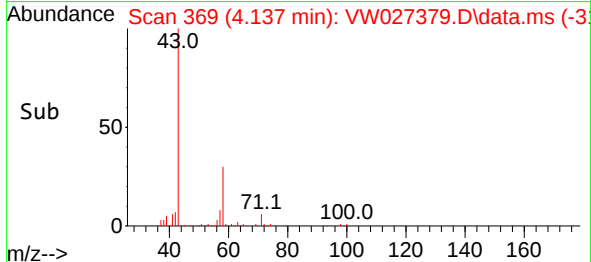
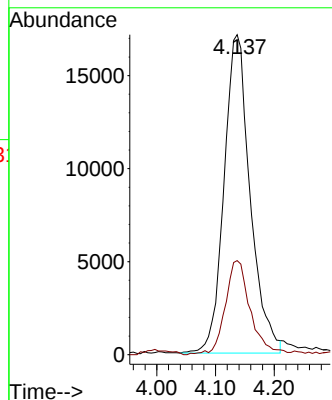
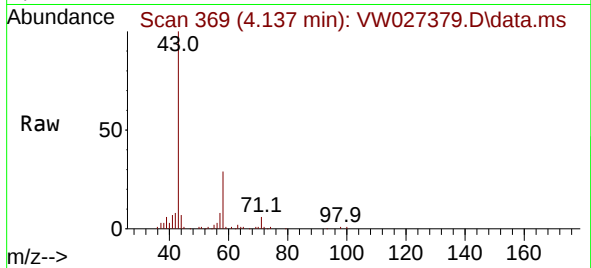




#13
Acetone
Concen: 40.746 ug/L
RT: 4.137 min Scan# 30
Delta R.T. 0.019 min
Lab File: VW027379.D
Acq: 20 Oct 2023 17:22

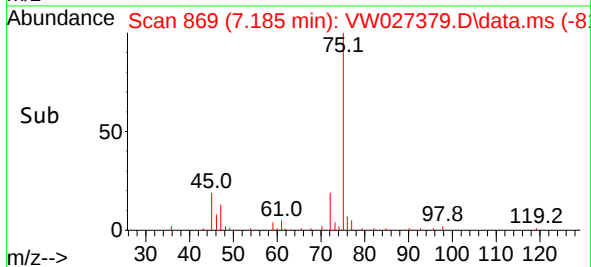
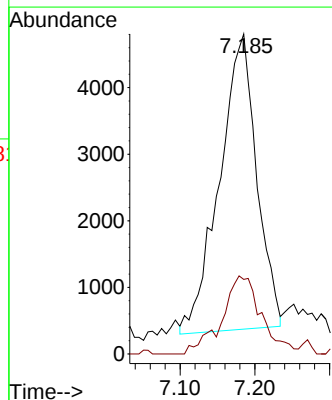
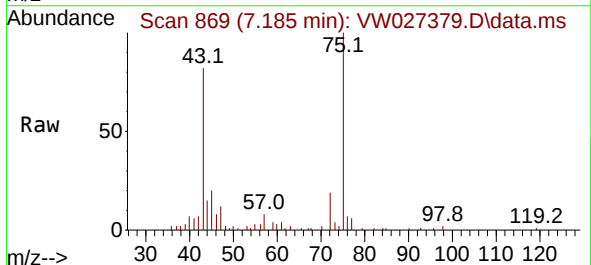
Instrument :
MSVOA_W
ClientSampleId :
EOAR2

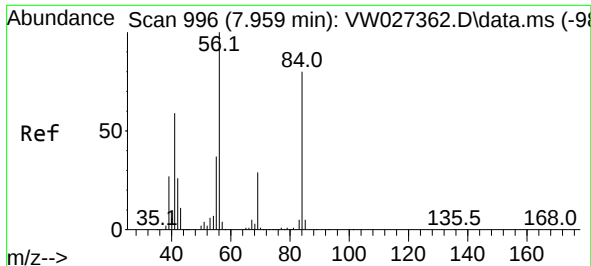
Tgt Ion: 43 Resp: 52935
Ion Ratio Lower Upper
43 100
58 27.6 0.0 60.8



#22
2-Butanone
Concen: 7.880 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.019 min
Lab File: VW027379.D
Acq: 20 Oct 2023 17:22

Tgt Ion: 43 Resp: 15324
Ion Ratio Lower Upper
43 100
72 24.4 12.3 36.8





#29

Cyclohexane

Concen: 4.380 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW027379.D

Acq: 20 Oct 2023 17:22

Instrument :

MSVOA_W

ClientSampleId :

EOAR2

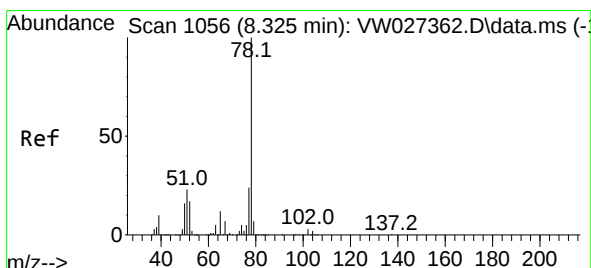
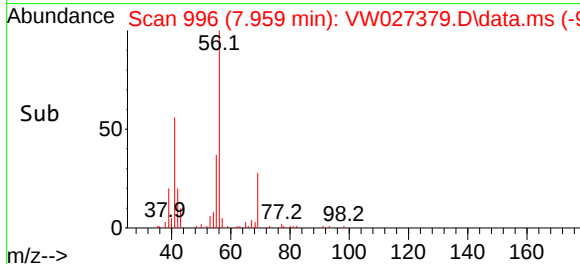
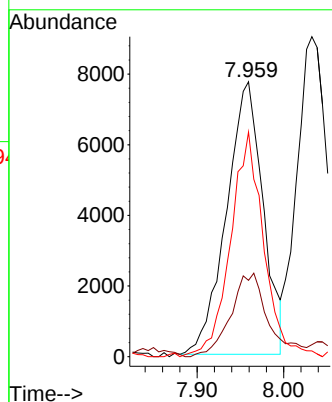
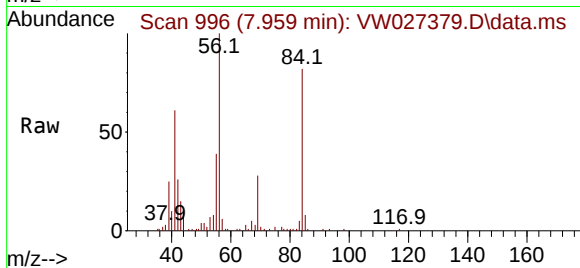
Tgt Ion: 56 Resp: 22641

Ion Ratio Lower Upper

56 100

69 29.4 24.2 36.4

84 74.3 65.1 97.7



#33

Benzene

Concen: 0.800 ug/L

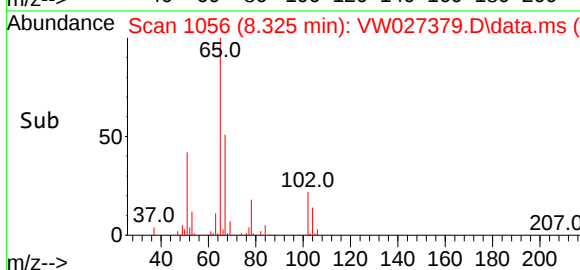
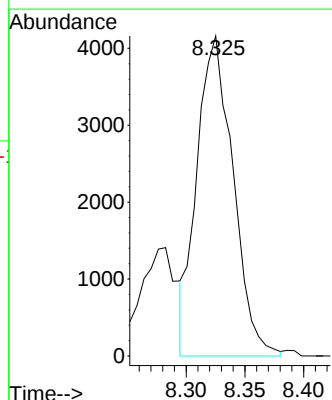
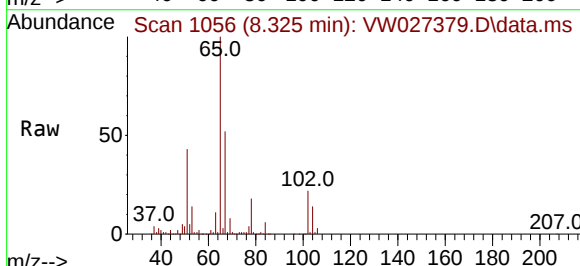
RT: 8.325 min Scan# 1056

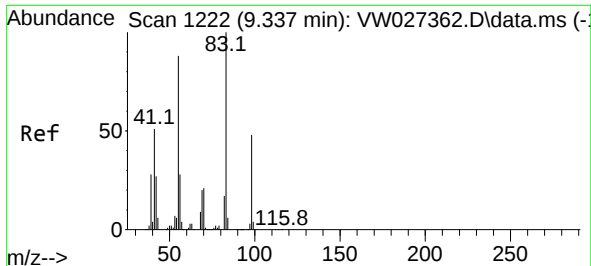
Delta R.T. 0.001 min

Lab File: VW027379.D

Acq: 20 Oct 2023 17:22

Tgt Ion: 78 Resp: 8898

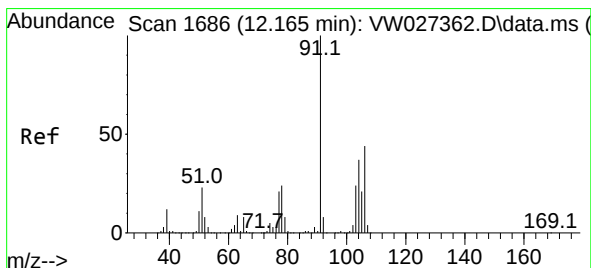
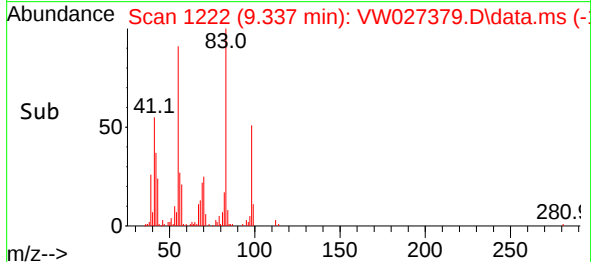
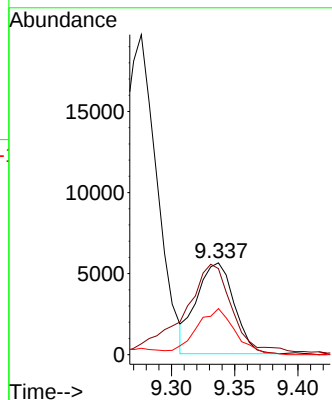
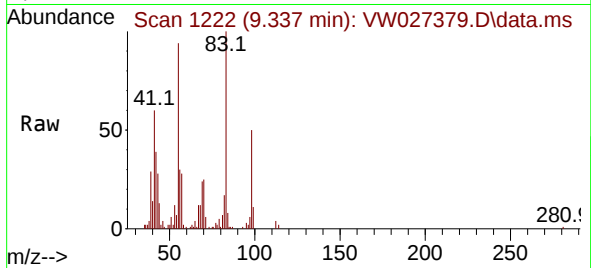




#35
Methylcyclohexane
Concen: 2.207 ug/L
RT: 9.337 min Scan# 11603
Delta R.T. 0.001 min
Lab File: VW027379.D
Acq: 20 Oct 2023 17:22

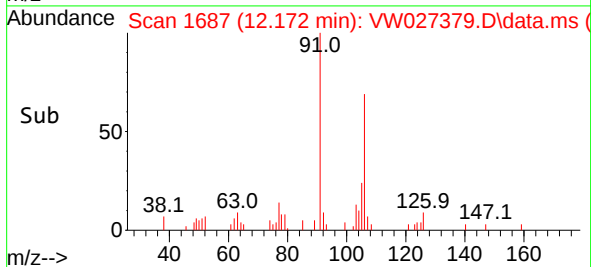
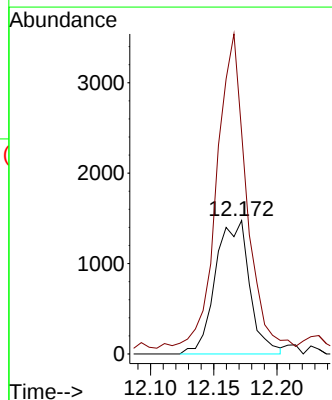
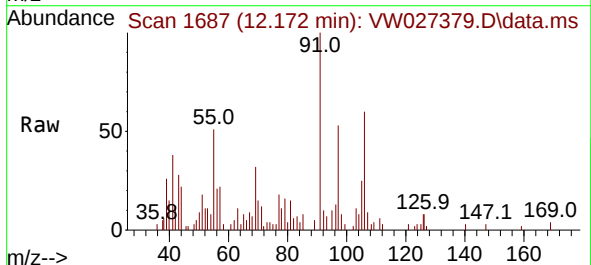
Instrument :
MSVOA_W
ClientSampleId :
EOAR2

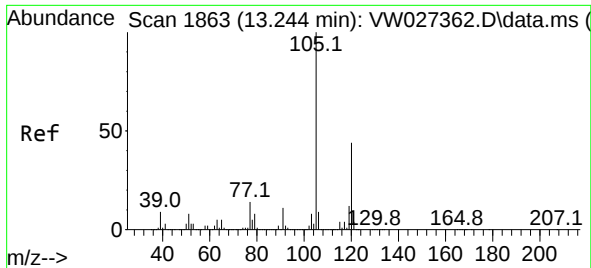
Tgt Ion: 83 Resp: 11603
Ion Ratio Lower Upper
83 100
55 121.3 65.8 98.8#
98 52.4 38.1 57.1



#54
o-Xylene
Concen: 0.561 ug/L
RT: 12.172 min Scan# 1687
Delta R.T. 0.007 min
Lab File: VW027379.D
Acq: 20 Oct 2023 17:22

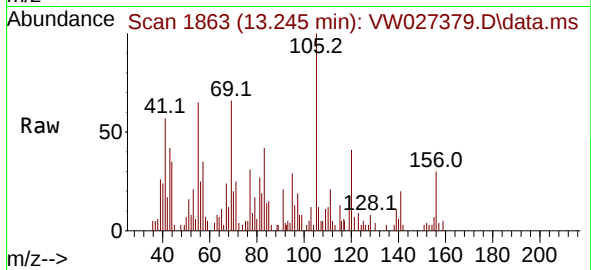
Tgt Ion: 106 Resp: 2763
Ion Ratio Lower Upper
106 100
91 165.9 152.0 282.2





#63
 1,2,4-Trimethylbenzene
 Concen: 0.549 ug/L
 RT: 13.245 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VW027379.D
 Acq: 20 Oct 2023 17:22

Instrument :
 MSVOA_W
 ClientSampleId :
 EOAR2



Tgt Ion:105 Resp: 3363
 Ion Ratio Lower Upper
 105 100
 120 37.2 35.4 53.2

