

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023456.D
 Acq On : 10 Jun 2022 19:05
 Operator : SY/VA
 Sample : N3226-18
 Misc : 6.53g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4N8

Quant Time: Jun 11 00:10:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 11 00:06:08 2022
 Response via : Initial Calibration

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

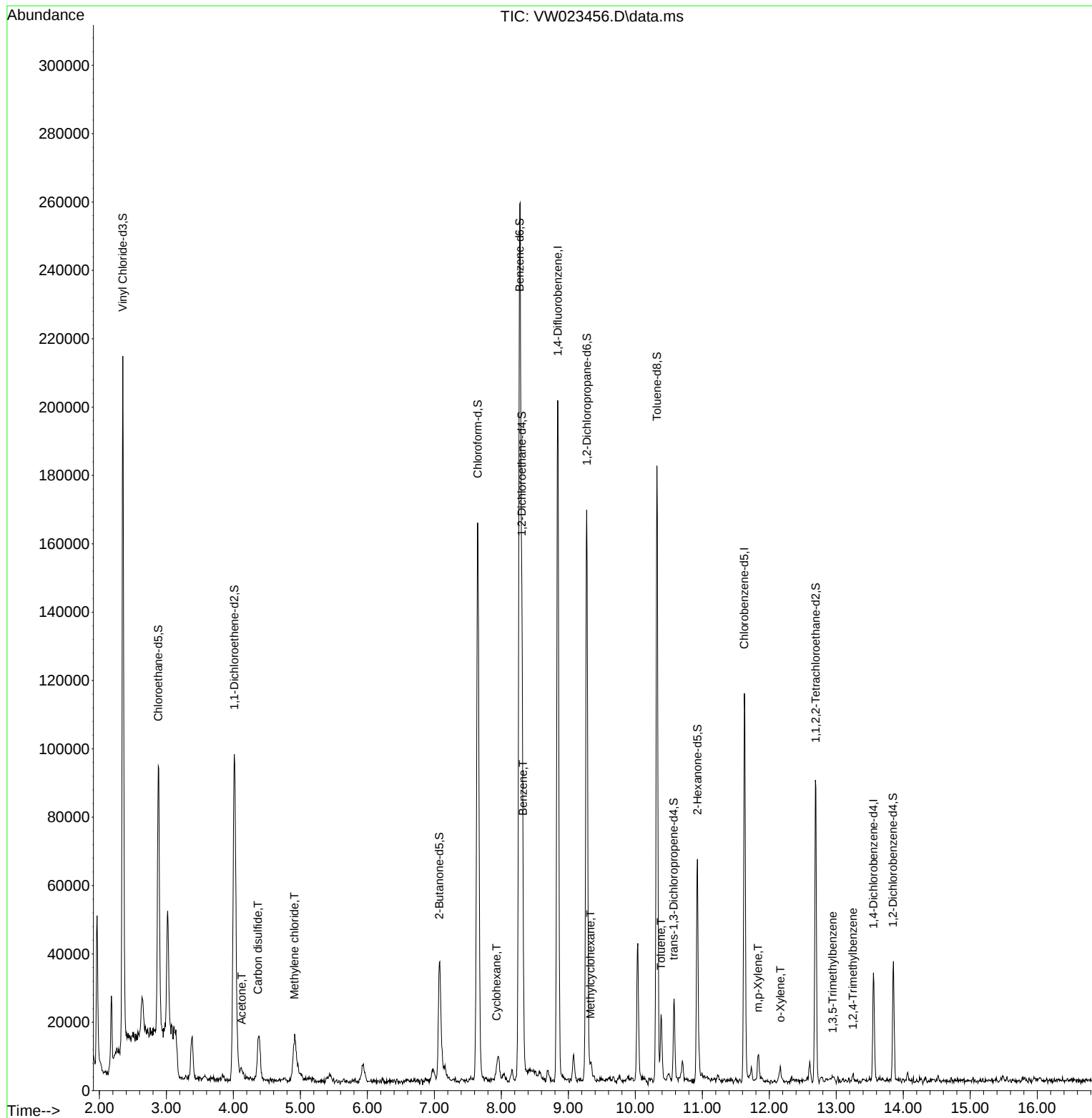
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	162150	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	60852	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	7528	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	135966	52.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	211.120%#
7) Chloroethane-d5	2.879	69	91254	48.190	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	192.760%#
11) 1,1-Dichloroethene-d2	4.013	63	93774	26.079	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.320%
21) 2-Butanone-d5	7.074	46	57103	108.567	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	217.140%#
24) Chloroform-d	7.647	84	157839	35.361	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	141.440%
26) 1,2-Dichloroethane-d4	8.305	65	89702	37.314	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	149.240%#
32) Benzene-d6	8.275	84	254940	79.013	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	316.040%#
36) 1,2-Dichloropropane-d6	9.274	67	72475	76.242	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	304.960%#
41) Toluene-d8	10.323	98	116442	36.948	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	147.800%#
43) trans-1,3-Dichloroprop...	10.573	79	12012	27.685	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.760%
47) 2-Hexanone-d5	10.927	63	19821	130.490	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	260.980%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	41541	46.789	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	187.160%#
66) 1,2-Dichlorobenzene-d4	13.847	152	8040	29.585	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.360%
Target Compounds						Qvalue
13) Acetone	4.123	43	3414	9.009	ug/L	69
14) Carbon disulfide	4.367	76	29487m	5.429	ug/L	
16) Methylene chloride	4.909	84	8899	4.055	ug/L	92
29) Cyclohexane	7.927	56	4015m	3.276	ug/L	
33) Benzene	8.323	78	9524	2.709	ug/L	100
35) Methylcyclohexane	9.329	83	1482	0.972	ug/L #	74
42) Toluene	10.384	91	12300	3.132	ug/L	79
53) m,p-Xylene	11.829	106	2278	1.311	ug/L	75
54) o-Xylene	12.164	106	940	0.566	ug/L #	47
62) 1,3,5-Trimethylbenzene	12.945	105	366	0.415	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	1014m	1.150	ug/L	

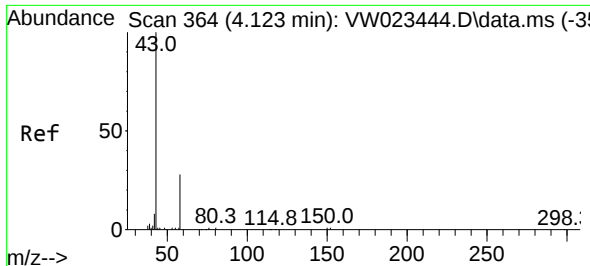
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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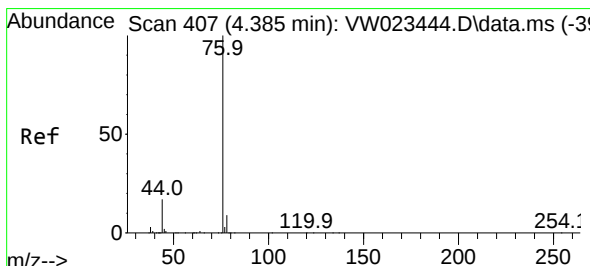
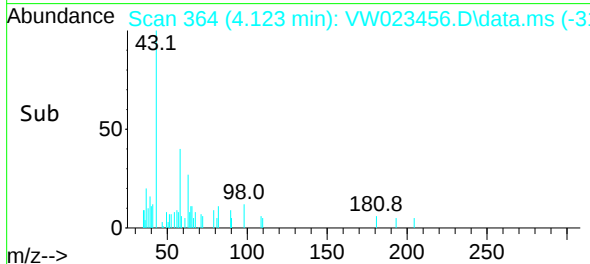
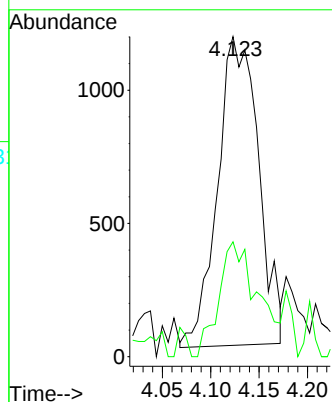
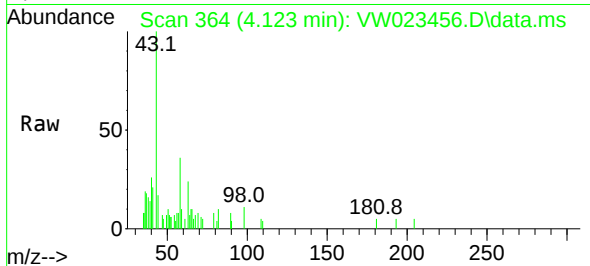




#13
Acetone
Concen: 9.009 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW023456.D
Acq: 10 Jun 2022 19:05

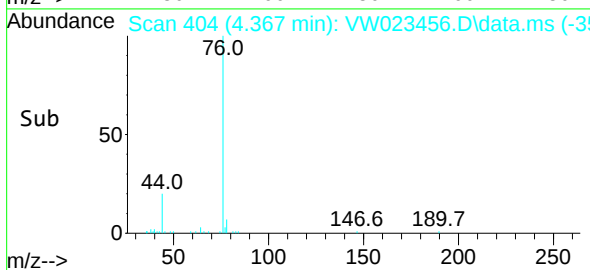
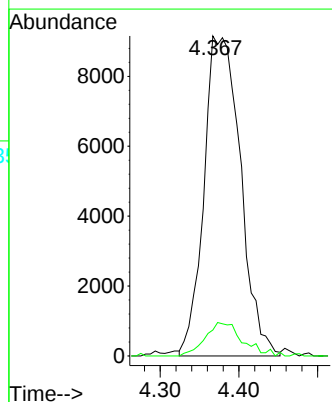
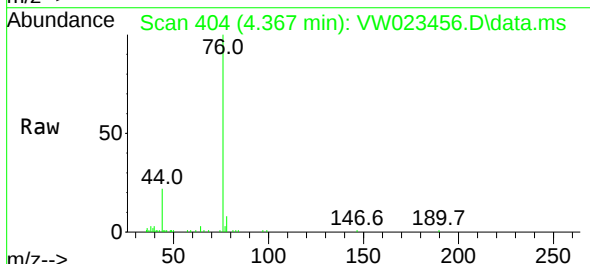
Instrument :
MSVOA_W
ClientSampleId :
EW4N8

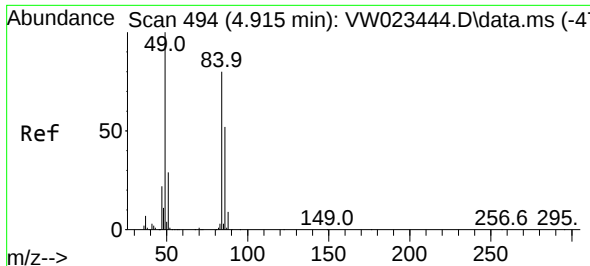
Tgt Ion: 43 Resp: 3414
Ion Ratio Lower Upper
43 100
58 14.6 0.0 64.0



#14
Carbon disulfide
Concen: 5.429 ug/L m
RT: 4.367 min Scan# 404
Delta R.T. -0.018 min
Lab File: VW023456.D
Acq: 10 Jun 2022 19:05

Tgt Ion: 76 Resp: 29487
Ion Ratio Lower Upper
76 100
78 8.1 7.7 11.5

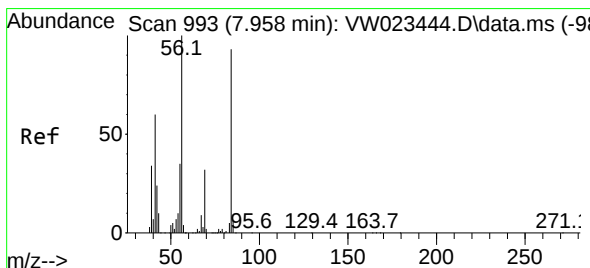
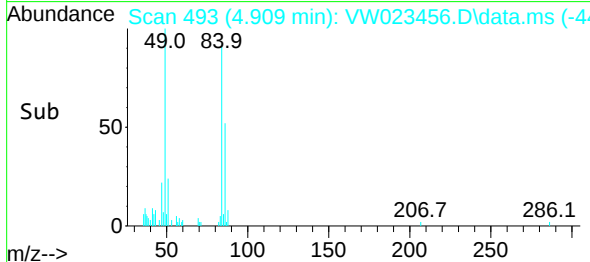
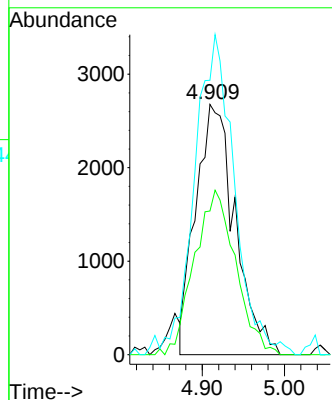
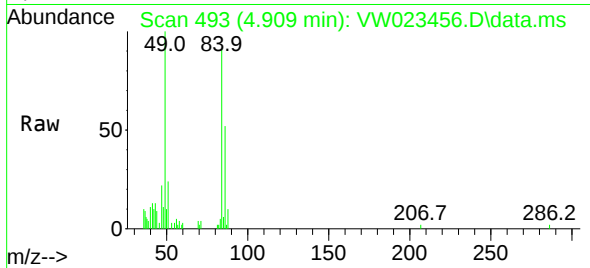




#16
Methylene chloride
Concen: 4.055 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW023456.D
Acq: 10 Jun 2022 19:05

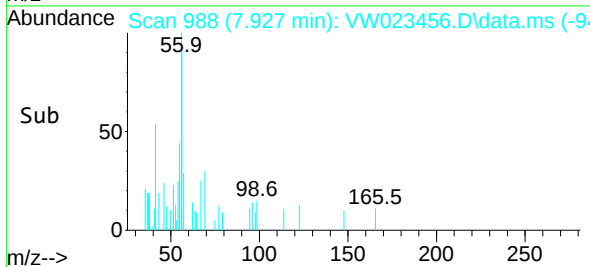
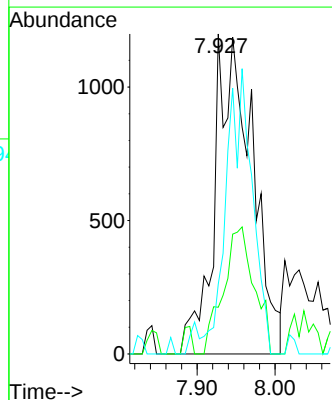
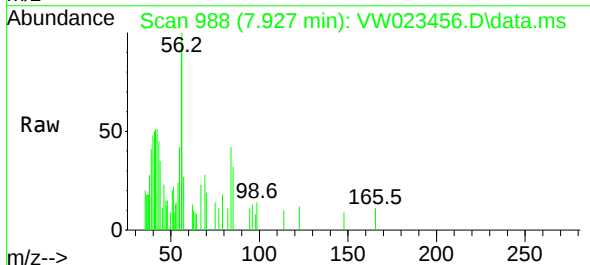
Instrument :
MSVOA_W
ClientSampleId :
EW4N8

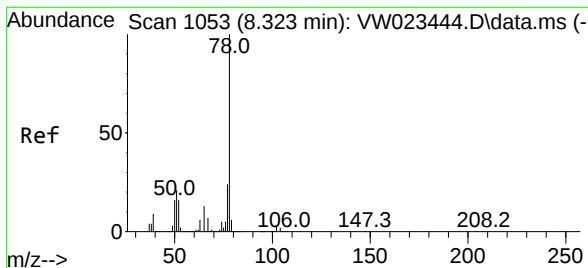
Tgt Ion: 84 Resp: 8899
Ion Ratio Lower Upper
84 100
86 57.4 45.4 84.4
49 109.6 82.5 153.1



#29
Cyclohexane
Concen: 3.276 ug/L m
RT: 7.927 min Scan# 988
Delta R.T. -0.030 min
Lab File: VW023456.D
Acq: 10 Jun 2022 19:05

Tgt Ion: 56 Resp: 4015
Ion Ratio Lower Upper
56 100
69 30.8 25.6 38.4
84 26.3 78.2 117.4#





#33

Benzene

Concen: 2.709 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW023456.D

Acq: 10 Jun 2022 19:05

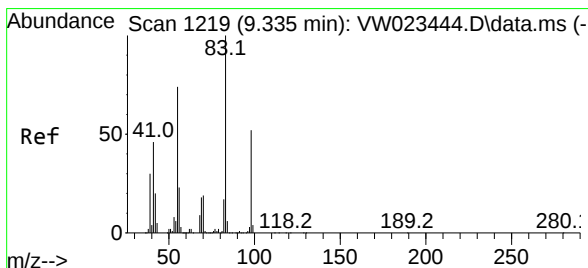
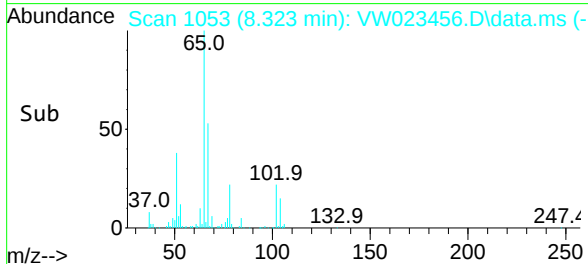
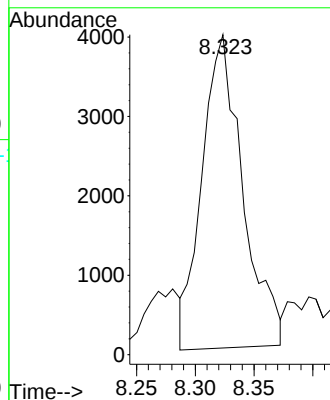
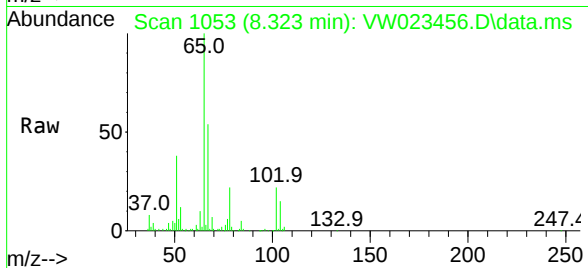
Instrument :

MSVOA_W

ClientSampleId :

EW4N8

Tgt Ion: 78 Resp: 9524



#35

Methylcyclohexane

Concen: 0.972 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW023456.D

Acq: 10 Jun 2022 19:05

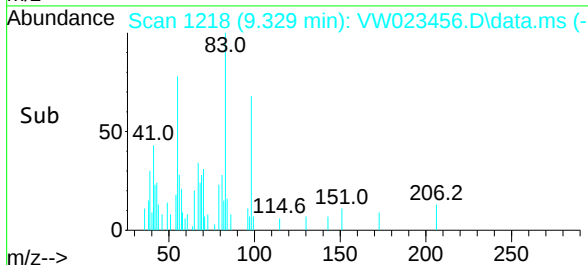
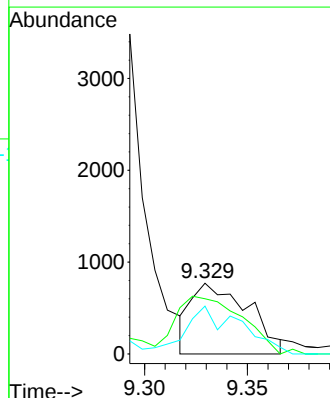
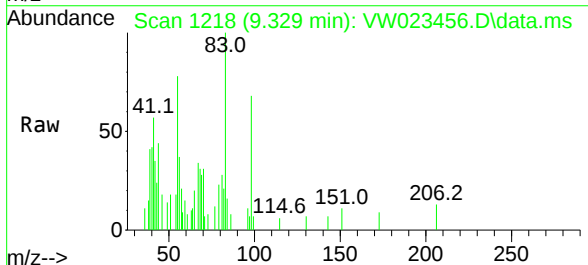
Tgt Ion: 83 Resp: 1482

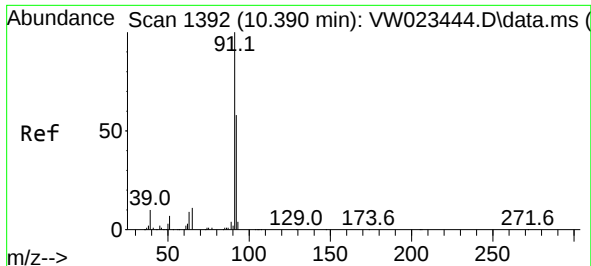
Ion Ratio Lower Upper

83 100

55 94.1 55.1 82.7#

98 36.8 40.4 60.6#

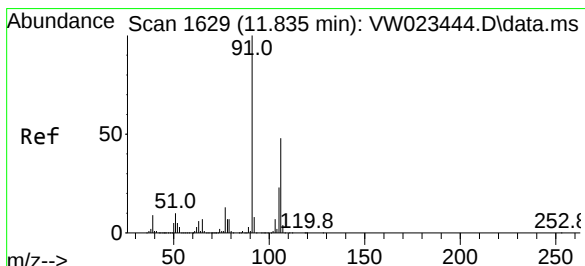
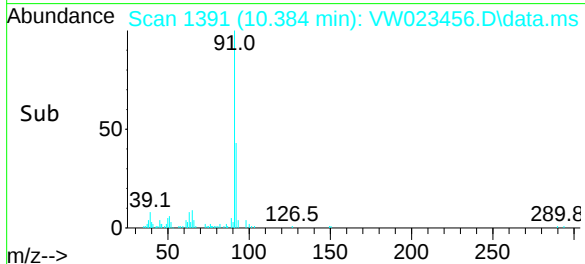
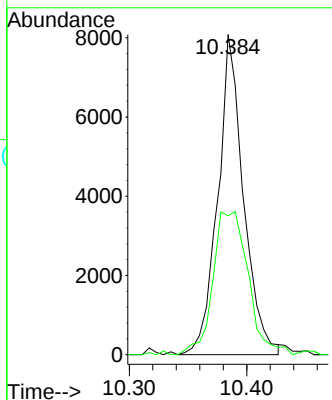
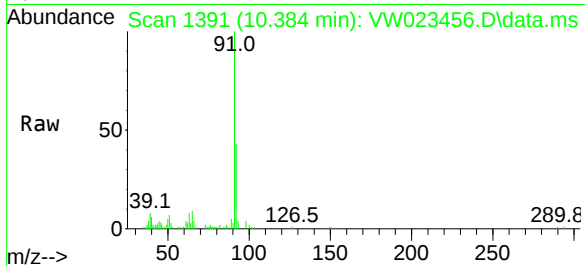




#42
Toluene
Concen: 3.132 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW023456.D
Acq: 10 Jun 2022 19:05

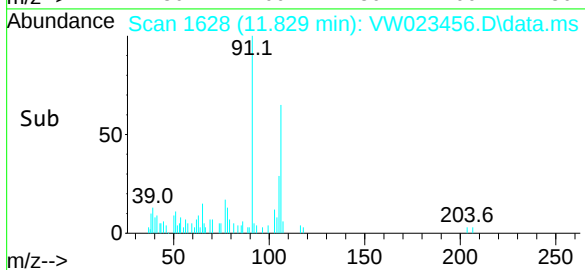
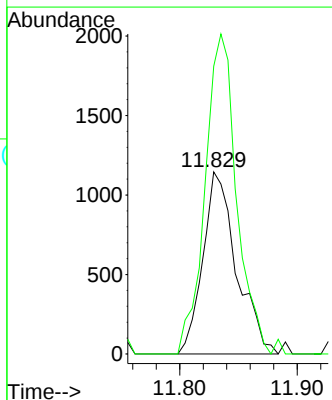
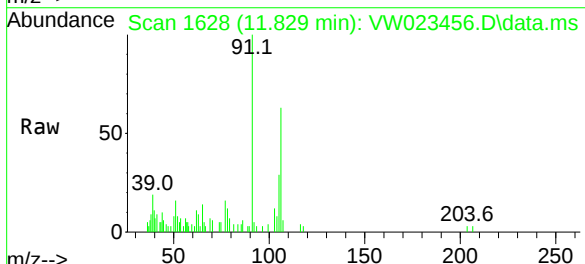
Instrument :
MSVOA_W
ClientSampleId :
EW4N8

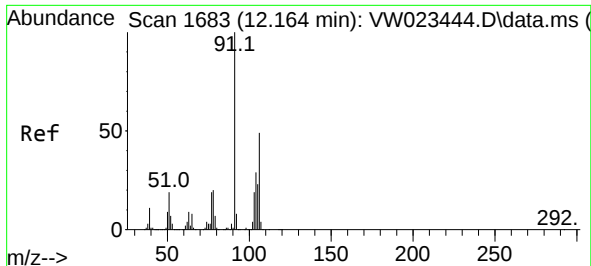
Tgt Ion: 91 Resp: 12300
Ion Ratio Lower Upper
91 100
92 43.4 41.6 77.2



#53
m,p-Xylene
Concen: 1.311 ug/L
RT: 11.829 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VW023456.D
Acq: 10 Jun 2022 19:05

Tgt Ion:106 Resp: 2278
Ion Ratio Lower Upper
106 100
91 157.9 136.8 254.0

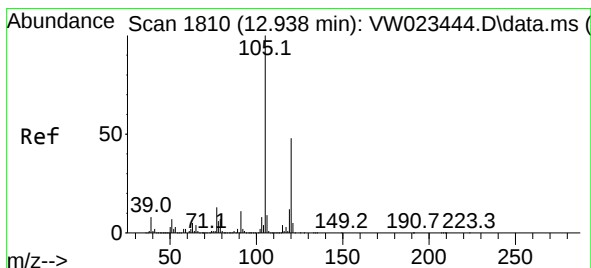
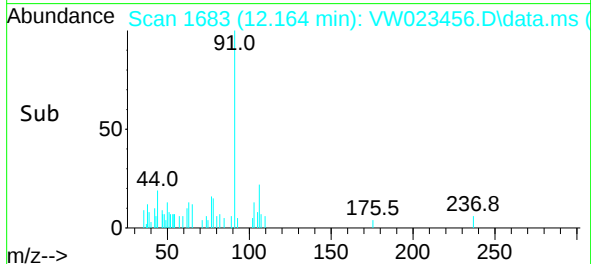
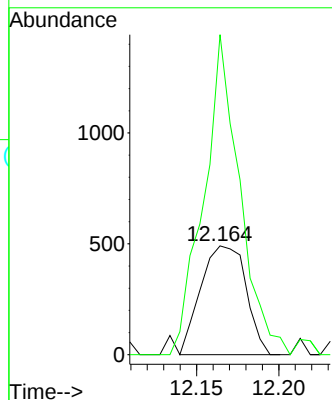
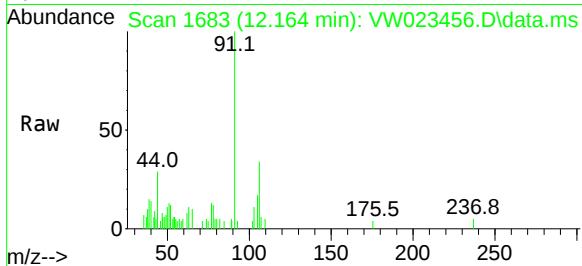




#54
o-Xylene
Concen: 0.566 ug/L
RT: 12.164 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023456.D
Acq: 10 Jun 2022 19:05

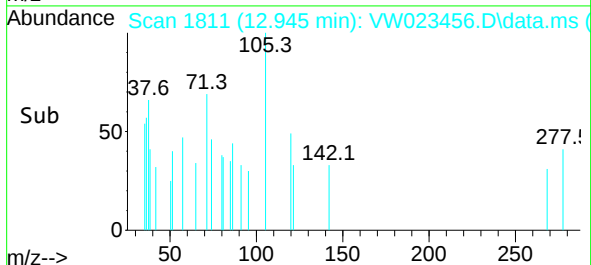
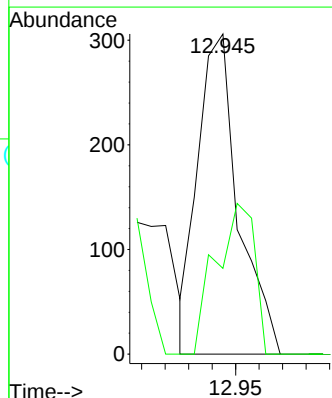
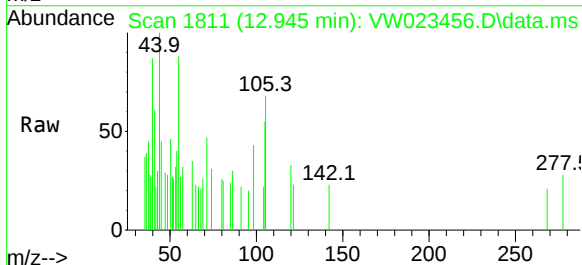
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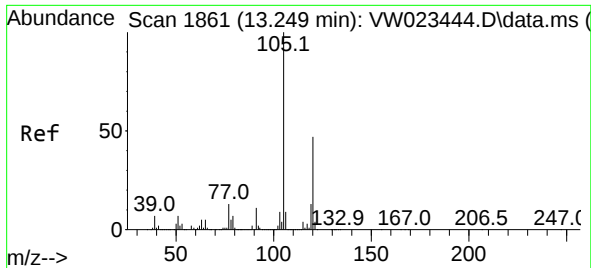
Tgt Ion:106 Resp: 940
Ion Ratio Lower Upper
106 100
91 293.9 147.2 273.4#



#62
1,3,5-Trimethylbenzene
Concen: 0.415 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW023456.D
Acq: 10 Jun 2022 19:05

Tgt Ion:105 Resp: 366
Ion Ratio Lower Upper
105 100
120 45.1 38.9 58.3





#63
 1,2,4-Trimethylbenzene
 Concen: 1.150 ug/L m
 RT: 13.249 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW023456.D
 Acq: 10 Jun 2022 19:05

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4N8

Tgt Ion:105 Resp: 1014
 Ion Ratio Lower Upper
 105 100
 120 16.3 37.4 56.2#

