

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023461.D
 Acq On : 10 Jun 2022 21:06
 Operator : SY/VA
 Sample : N3292-03
 Misc : 7.17g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 11 00:12:00 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)

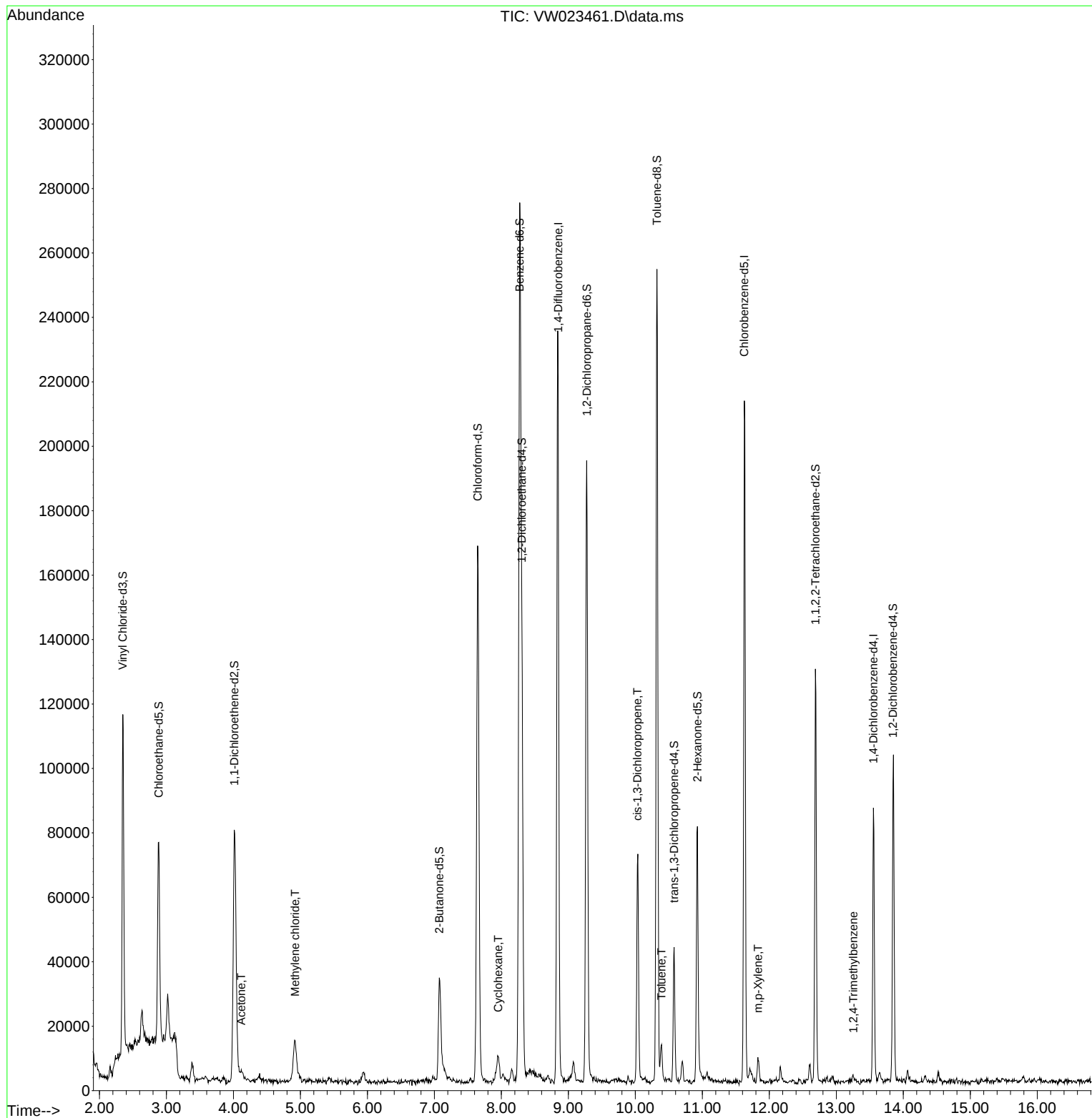
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	185663	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	113773	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	19979	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	99733	33.812	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 135.240%	
7) Chloroethane-d5	2.885	69	75852	34.983	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 139.920%	
11) 1,1-Dichloroethene-d2	4.013	63	78609	19.093	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 76.360%	
21) 2-Butanone-d5	7.074	46	50973	84.639	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 169.280%#	
24) Chloroform-d	7.647	84	161776	31.653	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 126.600%	
26) 1,2-Dichloroethane-d4	8.305	65	93875	34.104	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 136.400%#	
32) Benzene-d6	8.275	84	266146	44.118	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 176.480%#	
36) 1,2-Dichloropropane-d6	9.274	67	85650	48.191	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 192.760%#	
41) Toluene-d8	10.323	98	168394	28.579	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 114.320%	
43) trans-1,3-Dichloroprop...	10.579	79	22063	27.198	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 108.800%	
47) 2-Hexanone-d5	10.926	63	25040	88.170	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 176.340%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	60354	36.359	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 145.440%#	
66) 1,2-Dichlorobenzene-d4	13.847	152	23182	32.142	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 128.560%#	
Target Compounds						
						Qvalue
13) Acetone	4.117	43	1603	3.694	ug/L	91
16) Methylene chloride	4.921	84	9638	3.836	ug/L	90
29) Cyclohexane	7.951	56	3574	1.560	ug/L #	50
39) cis-1,3-Dichloropropene	10.030	75	2404	0.977	ug/L #	64
42) Toluene	10.390	91	7761	1.057	ug/L	98
53) m,p-Xylene	11.829	106	2018	0.621	ug/L	89
63) 1,2,4-Trimethylbenzene	13.255	105	1097	0.469	ug/L	99

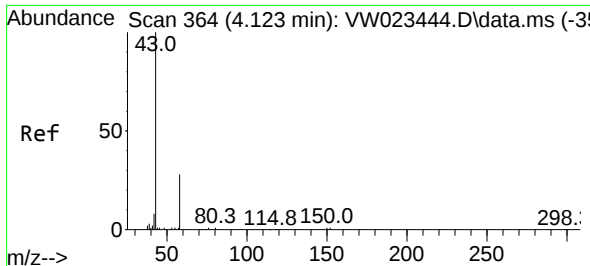
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

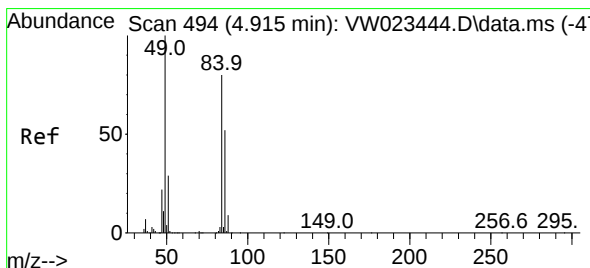
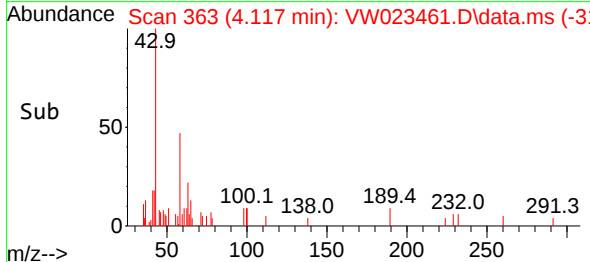
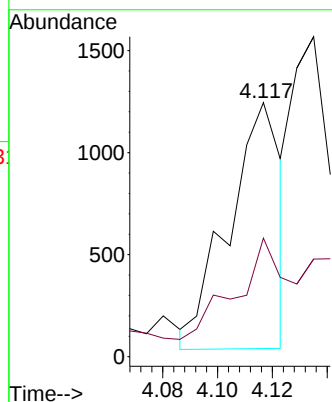
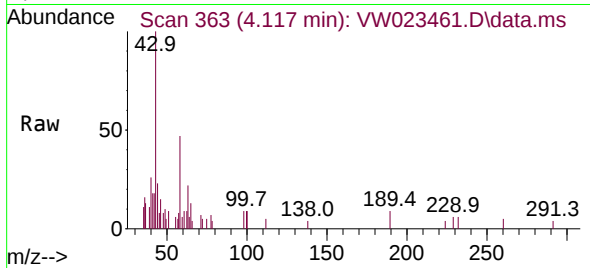




#13
Acetone
Concen: 3.694 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW023461.D
Acq: 10 Jun 2022 21:06

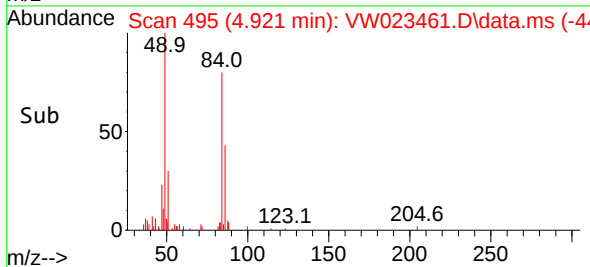
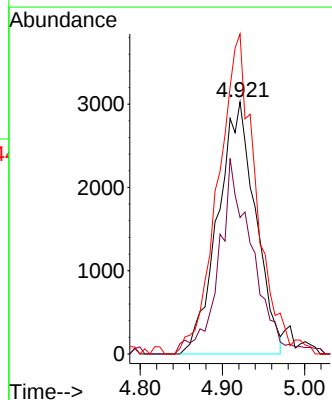
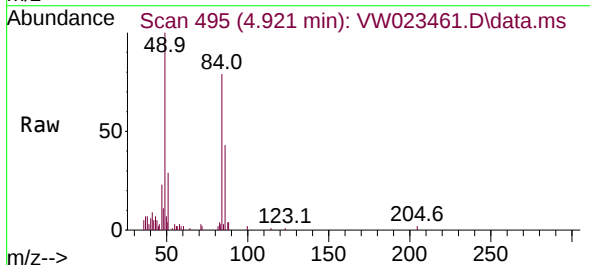
Instrument :
MSVOA_W
ClientSampleId :

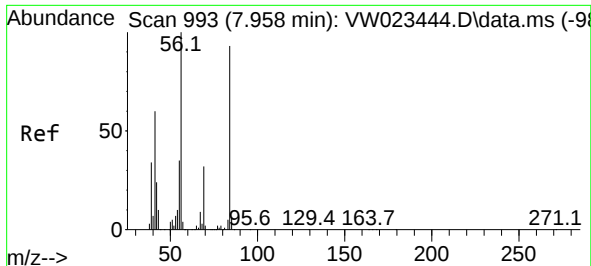
Tgt Ion: 43 Resp: 1603
Ion Ratio Lower Upper
43 100
58 37.1 0.0 64.0



#16
Methylene chloride
Concen: 3.836 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW023461.D
Acq: 10 Jun 2022 21:06

Tgt Ion: 84 Resp: 9638
Ion Ratio Lower Upper
84 100
86 54.2 45.4 84.4
49 127.0 82.5 153.1





#29

Cyclohexane

Concen: 1.560 ug/L

RT: 7.951 min Scan# 991

Delta R.T. -0.006 min

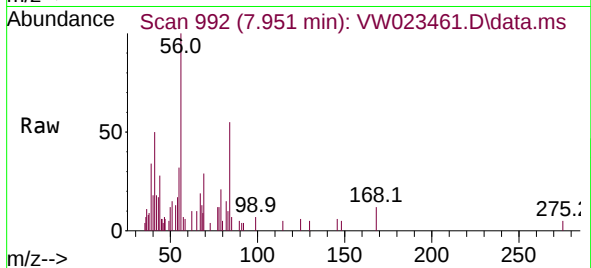
Lab File: VW023461.D

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Instrument :

MSVOA_W

ClientSampleId :



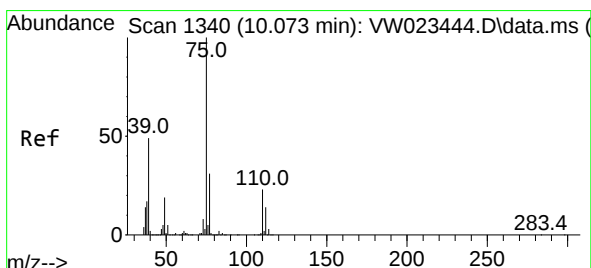
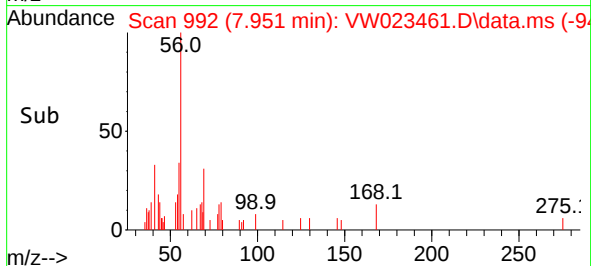
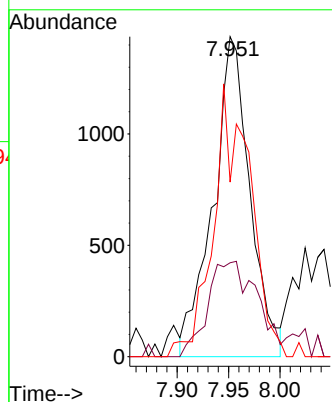
Tgt Ion: 56 Resp: 3574

Ion Ratio Lower Upper

56 100

69 12.6 25.6 38.4#

84 44.0 78.2 117.4#



#39

cis-1,3-Dichloropropene

Concen: 0.977 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW023461.D

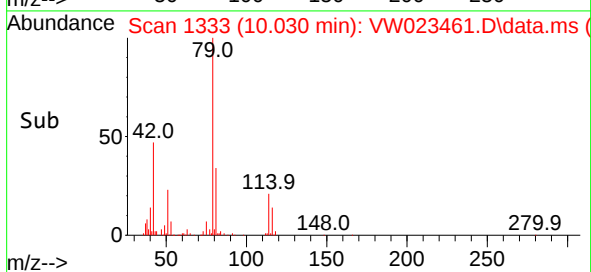
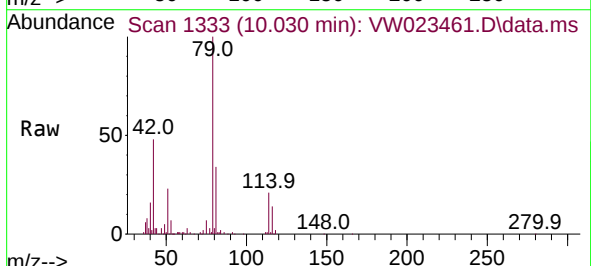
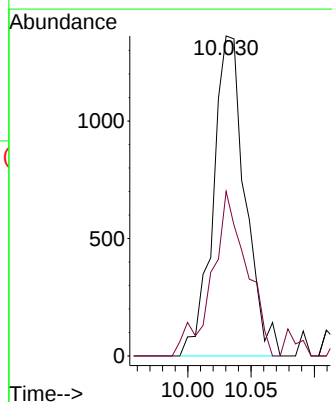
Acq: 10 Jun 2022 21:06

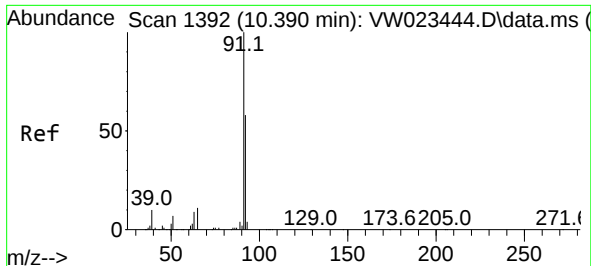
Tgt Ion: 75 Resp: 2404

Ion Ratio Lower Upper

75 100

77 51.4 22.1 41.1#

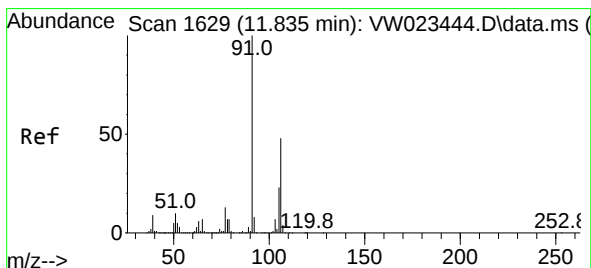
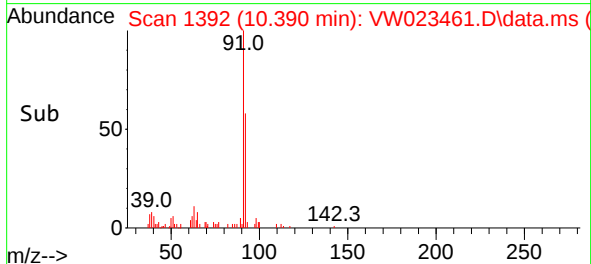
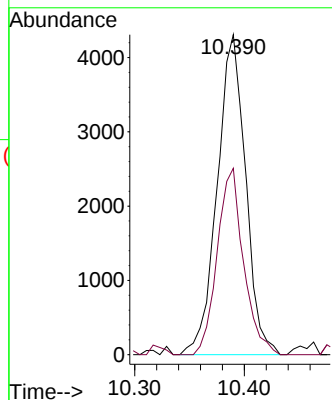
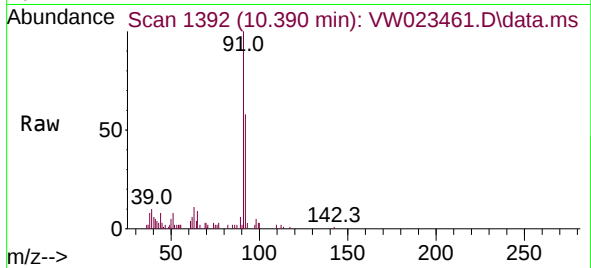




#42
Toluene
Concen: 1.057 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW023461.D
Acq: 10 Jun 2022 21:06

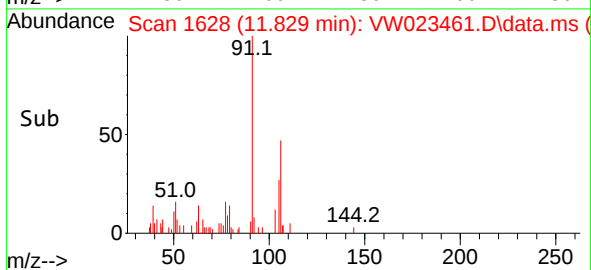
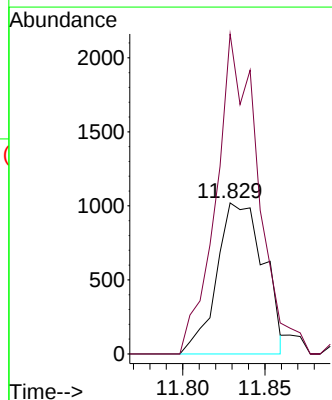
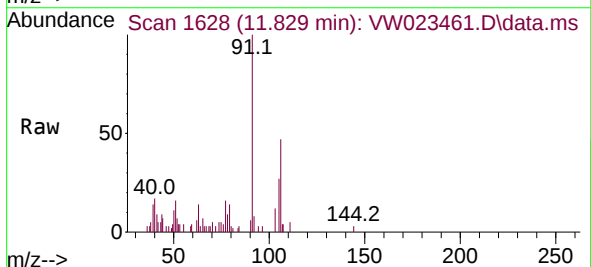
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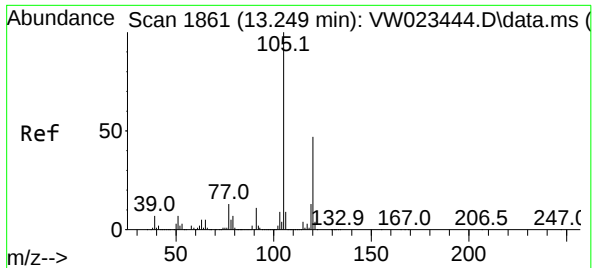
Tgt Ion: 91 Resp: 7761
Ion Ratio Lower Upper
91 100
92 58.3 41.6 77.2



#53
m,p-Xylene
Concen: 0.621 ug/L
RT: 11.829 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VW023461.D
Acq: 10 Jun 2022 21:06

Tgt Ion: 106 Resp: 2018
Ion Ratio Lower Upper
106 100
91 211.9 136.8 254.0





#63
 1,2,4-Trimethylbenzene
 Concen: 0.469 ug/L
 RT: 13.255 min Scan# 1862
 Delta R.T. 0.006 min
 Lab File: VW023461.D
 Acq: 10 Jun 2022 21:06

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	105	Resp:	1097
Ion Ratio	Lower	Upper	
105	100		
120	47.8	37.4	56.2

