

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081922\
 Data File : VW024288.D
 Acq On : 19 Aug 2022 13:53
 Operator : SY/VA
 Sample : N4267-02
 Misc : 2.99g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0ZG8

Quant Time: Aug 20 00:57:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 20 00:56:10 2022
 Response via : Initial Calibration

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

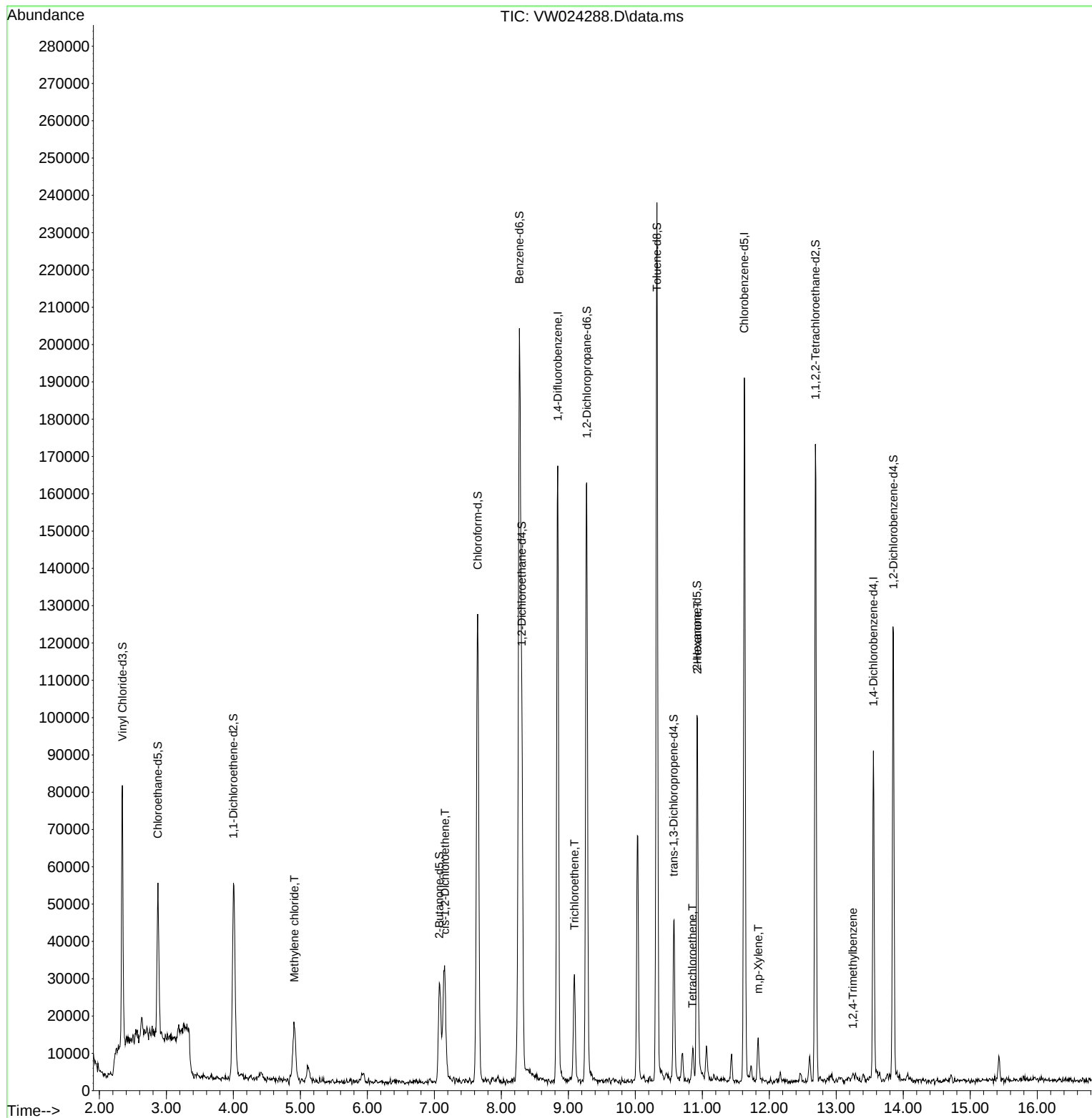
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	132943	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	101982	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	21082	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	64732	23.295	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.160%
7) Chloroethane-d5	2.873	69	42295	24.433	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.720%
11) 1,1-Dichloroethene-d2	4.001	63	52931	16.714	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.840%
21) 2-Butanone-d5	7.074	46	43268	83.692	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	167.380%#
24) Chloroform-d	7.647	84	123746	30.763	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	123.040%
26) 1,2-Dichloroethane-d4	8.305	65	73975	33.124	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	132.480%#
32) Benzene-d6	8.269	84	193644	32.196	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	128.800%
36) 1,2-Dichloropropane-d6	9.275	67	69279	39.013	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	156.040%#
41) Toluene-d8	10.323	98	149485	26.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.360%
43) trans-1,3-Dichloroprop...	10.573	79	23319	29.980	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	119.920%
47) 2-Hexanone-d5	10.921	63	29474	89.859	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	179.720%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	78977	45.839	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	183.360%#
66) 1,2-Dichlorobenzene-d4	13.853	152	31862	41.300	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	165.200%#
Target Compounds						Qvalue
16) Methylene chloride	4.909	84	11516	4.912	ug/L	95
20) cis-1,2-Dichloroethene	7.159	96	1667	0.822	ug/L #	70
34) Trichloroethene	9.092	95	9817	6.166	ug/L	92
46) Tetrachloroethene	10.854	164	960	0.745	ug/L	88
48) 2-Hexanone	10.927	43	5089	7.589	ug/L #	64
53) m,p-Xylene	11.835	106	2916	1.068	ug/L	81
63) 1,2,4-Trimethylbenzene	13.249	105	948	0.456	ug/L	87

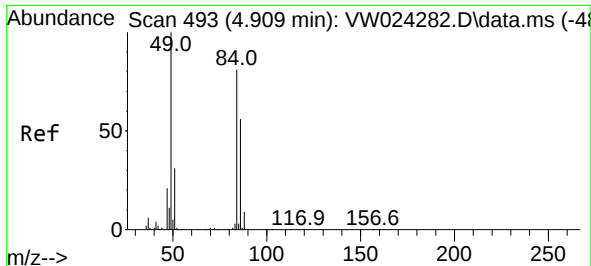
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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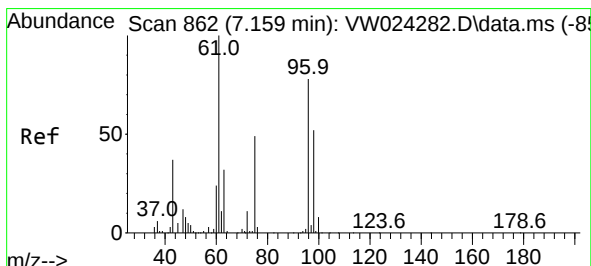
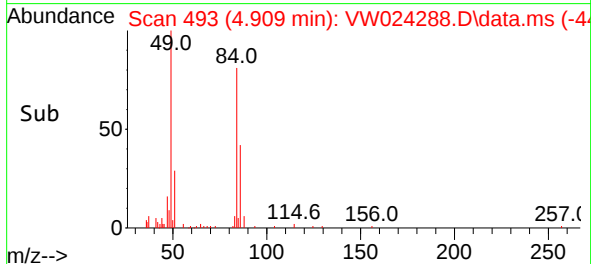
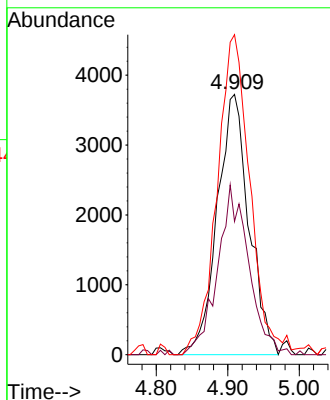
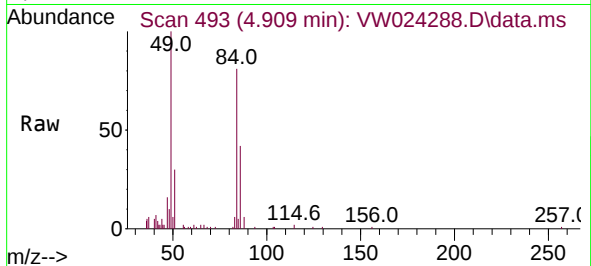




#16
Methylene chloride
Concen: 4.912 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024288.D
Acq: 19 Aug 2022 13:53

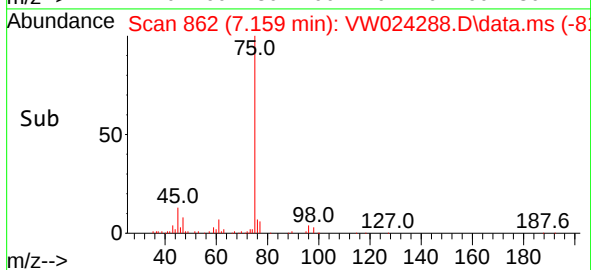
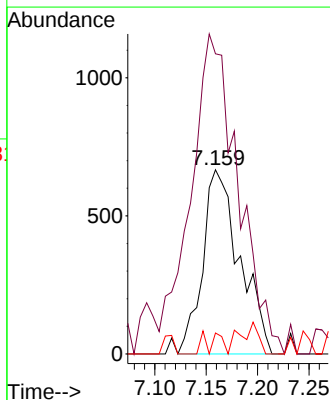
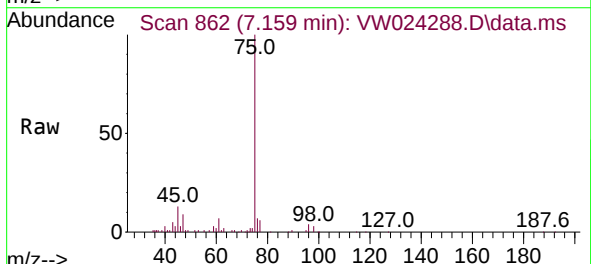
Instrument :
MSVOA_W
ClientSampleId :
C0ZG8

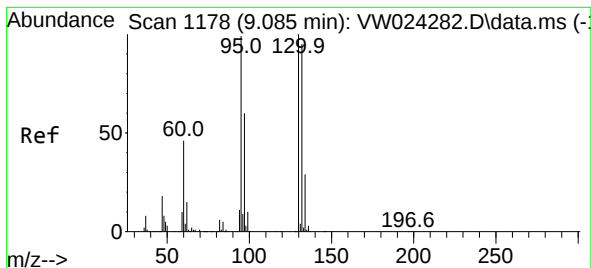
Tgt Ion: 84 Resp: 11516
Ion Ratio Lower Upper
84 100
86 51.2 42.8 79.6
49 122.9 85.3 158.3



#20
cis-1,2-Dichloroethene
Concen: 0.822 ug/L
RT: 7.159 min Scan# 862
Delta R.T. 0.000 min
Lab File: VW024288.D
Acq: 19 Aug 2022 13:53

Tgt Ion: 96 Resp: 1667
Ion Ratio Lower Upper
96 100
61 163.0 89.5 166.3
68 11.4 0.1 0.1#





#34

Trichloroethene

Concen: 6.166 ug/L

RT: 9.092 min Scan# 1178

Delta R.T. 0.006 min

Lab File: VW024288.D

Acq: 19 Aug 2022 13:53

Instrument :

MSVOA_W

ClientSampleId :

C0ZG8

Tgt Ion: 95 Resp: 9817

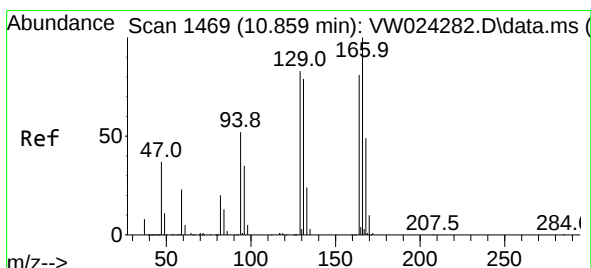
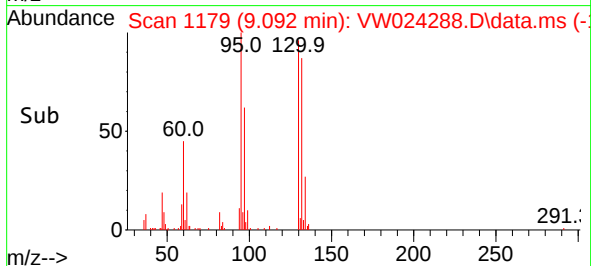
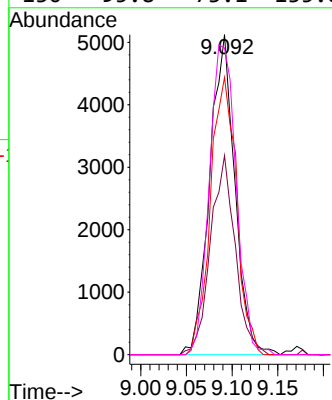
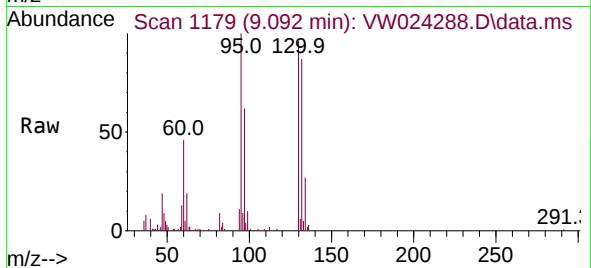
Ion Ratio Lower Upper

95 100

97 62.2 41.6 77.2

132 86.7 67.0 124.4

130 95.8 73.1 135.8



#46

Tetrachloroethene

Concen: 0.745 ug/L

RT: 10.854 min Scan# 1468

Delta R.T. -0.006 min

Lab File: VW024288.D

Acq: 19 Aug 2022 13:53

Tgt Ion: 164 Resp: 960

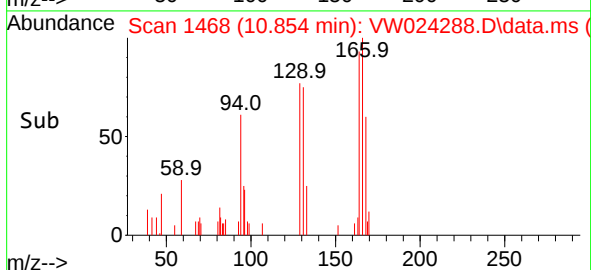
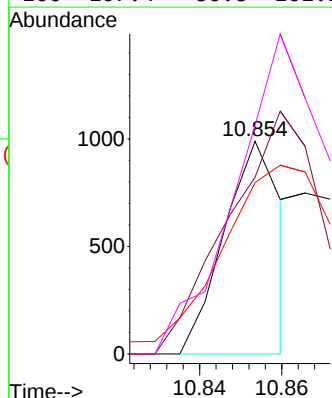
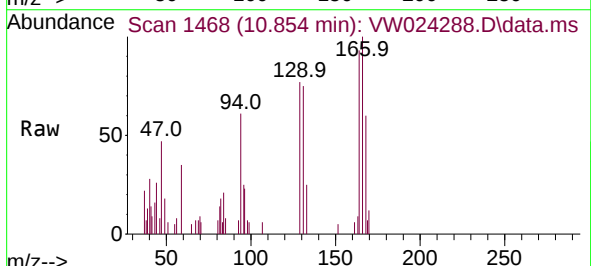
Ion Ratio Lower Upper

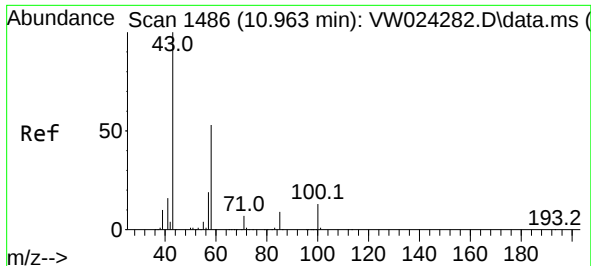
164 100

129 83.1 63.1 117.3

131 80.6 63.9 118.7

166 107.4 86.8 161.2

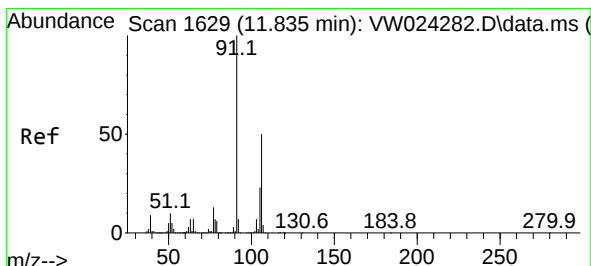
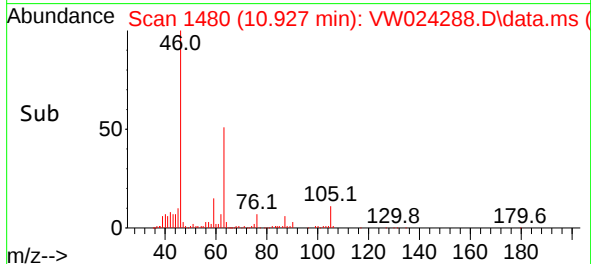
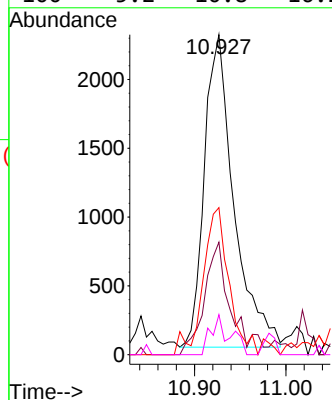
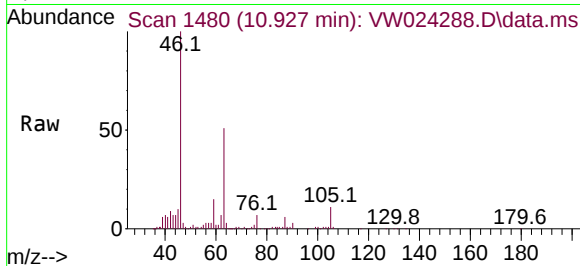




#48
2-Hexanone
Concen: 7.589 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.036 min
Lab File: VW024288.D
Acq: 19 Aug 2022 13:53

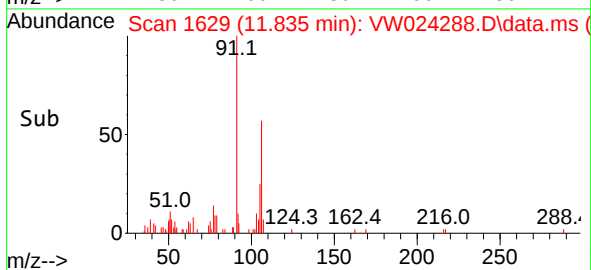
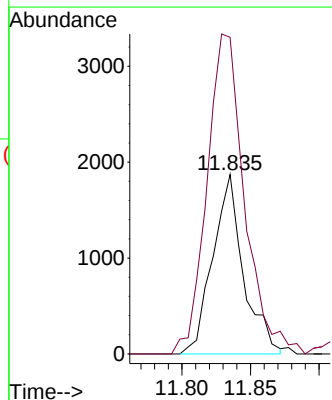
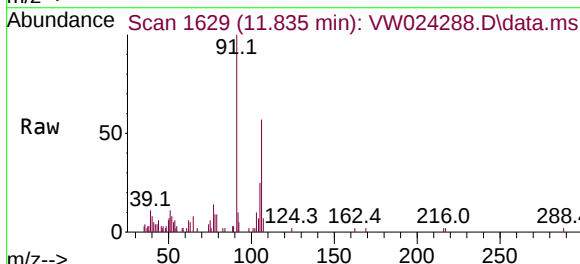
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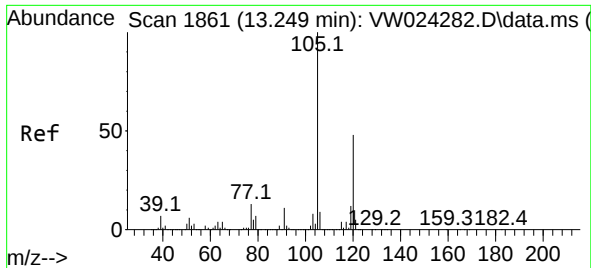
Tgt Ion: 43	Resp: 5089
Ion Ratio	Lower Upper
43 100	
58 27.1	43.4 65.0#
57 37.7	15.0 22.4#
100 5.2	10.8 16.2#



#53
m,p-Xylene
Concen: 1.068 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024288.D
Acq: 19 Aug 2022 13:53

Tgt Ion: 106	Resp: 2916
Ion Ratio	Lower Upper
106 100	
91 176.4	144.1 267.7





#63
 1,2,4-Trimethylbenzene
 Concen: 0.456 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024288.D
 Acq: 19 Aug 2022 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 C0ZG8

Tgt Ion:105 Resp: 948
 Ion Ratio Lower Upper
 105 100
 120 37.0 36.4 54.6

