

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072222\
 Data File : VV026899.D
 Acq On : 22 Jul 2022 20:04
 Operator : SY/MD
 Sample : N3843-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 23 04:57:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 23 00:23:15 2022
 Response via : Initial Calibration

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

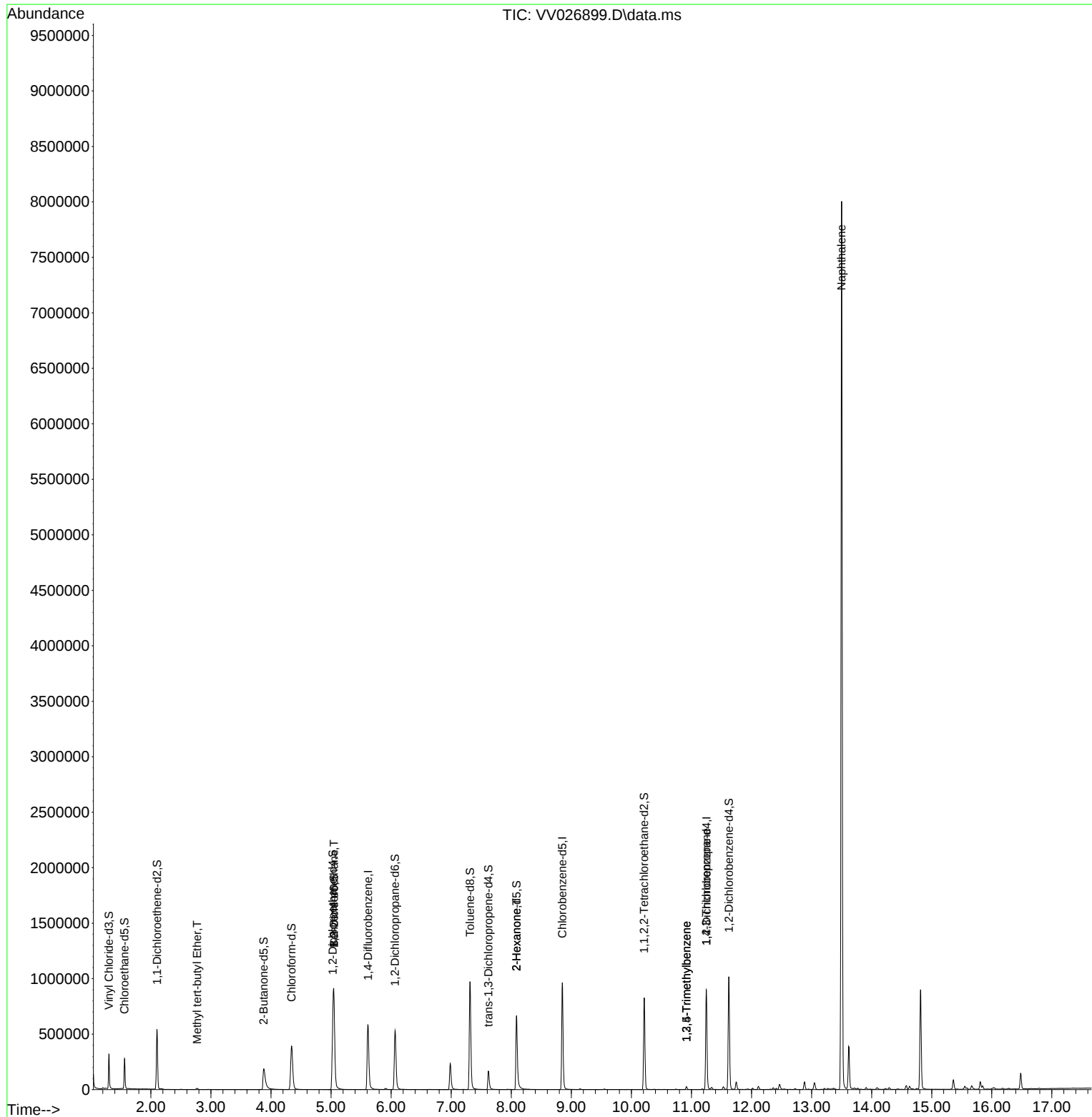
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	533262	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	549423	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	245072	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	203745	45.555	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	91.100%	
7) Chloroethane-d5	1.561	69	173561	47.968	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	95.940%	
11) 1,1-Dichloroethene-d2	2.101	63	279616	34.750	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	69.500%	
21) 2-Butanone-d5	3.879	46	326111	108.174	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	108.170%	
24) Chloroform-d	4.342	84	426513	48.455	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.920%	
26) 1,2-Dichloroethane-d4	5.027	65	257951	51.232	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.460%	
32) Benzene-d6	5.047	84	844593	50.855	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.700%	
36) 1,2-Dichloropropane-d6	6.066	67	278117	51.964	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	103.920%	
41) Toluene-d8	7.313	98	679176	46.739	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.480%	
43) trans-1,3-Dichloroprop...	7.619	79	101566	45.289	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.580%	
47) 2-Hexanone-d5	8.088	63	249595	107.104	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	107.100%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	408334	50.222	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	100.440%	
66) 1,2-Dichlorobenzene-d4	11.622	152	266276	57.915	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	115.820%	
Target Compounds						
					Qvalue	
18) Methyl tert-butyl Ether	2.770	73	10940	0.904	ug/L	96
27) 1,2-Dichloroethane	5.047	62	4515	0.748	ug/L	98
48) 2-Hexanone	8.088	43	25330	5.947	ug/L #	69
61) 1,2,3-Trichloropropane	11.246	75	27879	5.669	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.918	105	14372	1.221	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	14372	1.217	ug/L	98
71) Naphthalene	13.500	128	5659811	407.773	ug/L	99

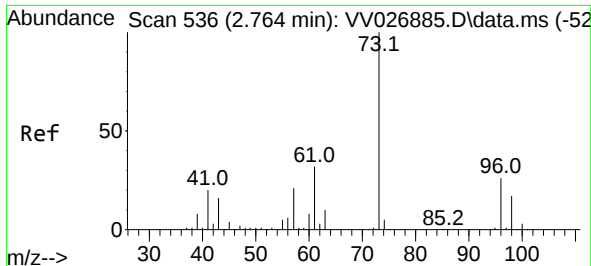
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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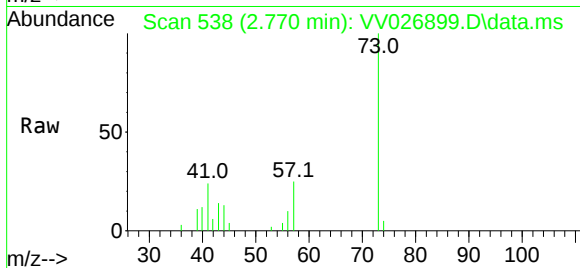
Quant Time: Jul 23 04:57:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
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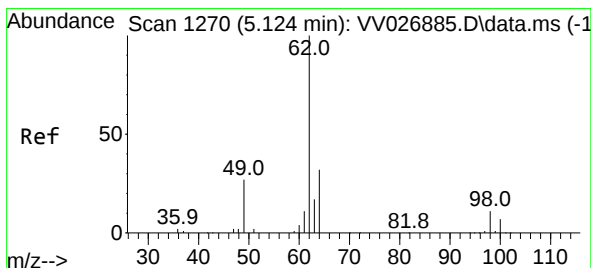
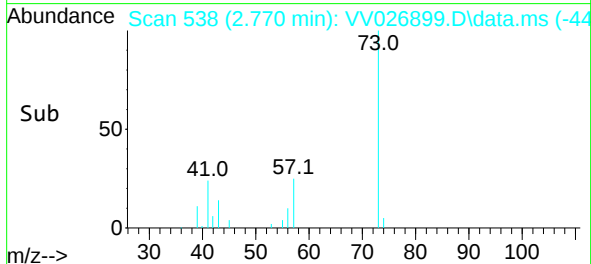
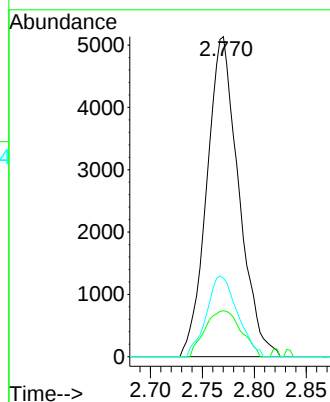


#18
Methyl tert-butyl Ether
Concen: 0.904 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV026899.D
Acq: 22 Jul 2022 20:04

Instrument :
MSVOA_V
ClientSampleId :

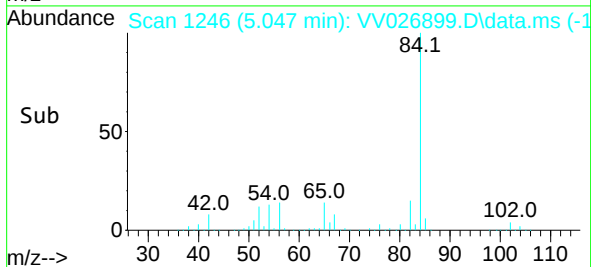
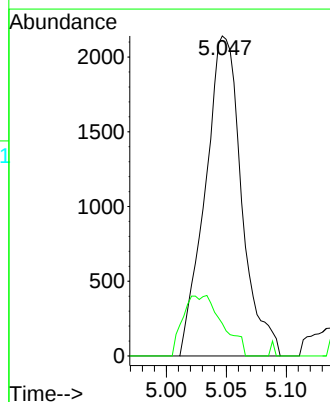
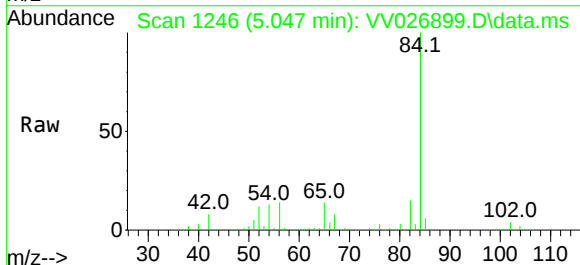


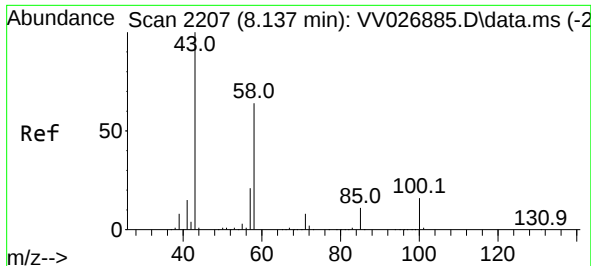
Tgt Ion: 73 Resp: 10940
Ion Ratio Lower Upper
73 100
43 16.2 12.8 19.2
57 24.5 17.3 25.9



#27
1,2-Dichloroethane
Concen: 0.748 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.077 min
Lab File: VV026899.D
Acq: 22 Jul 2022 20:04

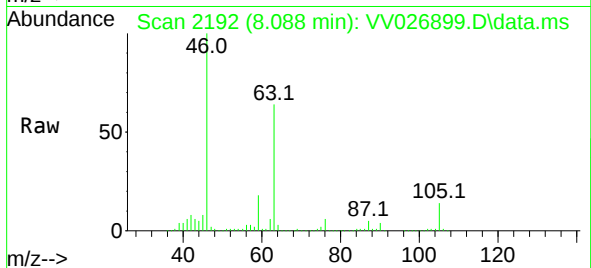
Tgt Ion: 62 Resp: 4515
Ion Ratio Lower Upper
62 100
98 10.2 8.9 13.3



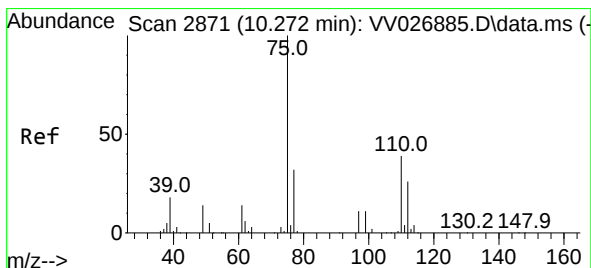
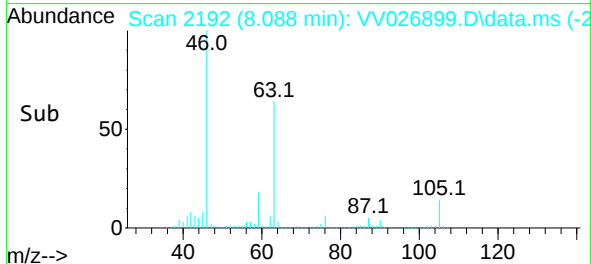
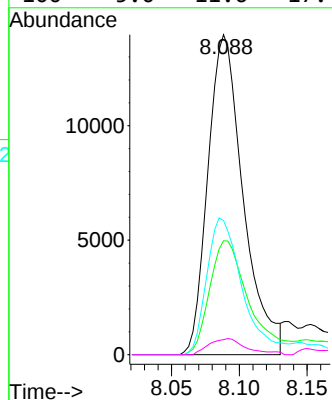


#48
2-Hexanone
Concen: 5.947 ug/L
RT: 8.088 min Scan# 21
Delta R.T. -0.048 min
Lab File: VV026899.D
Acq: 22 Jul 2022 20:04

Instrument :
MSVOA_V
ClientSampleId :

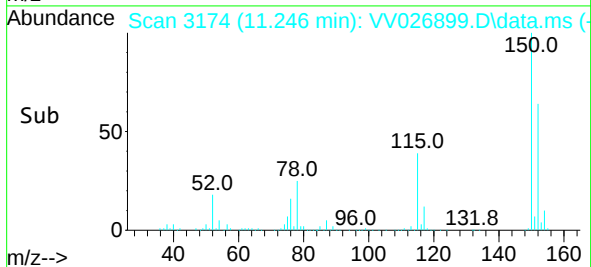
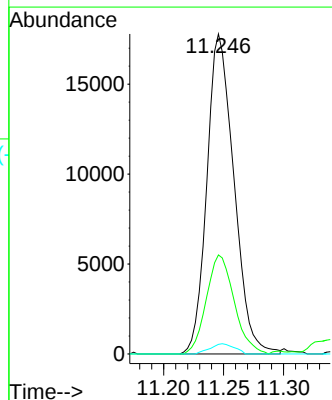
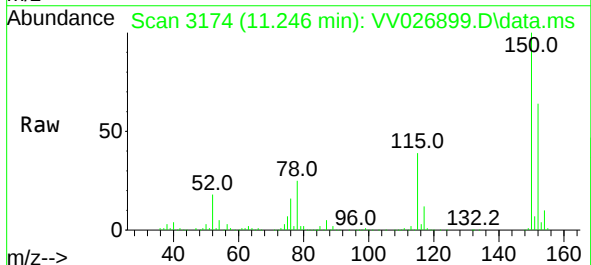


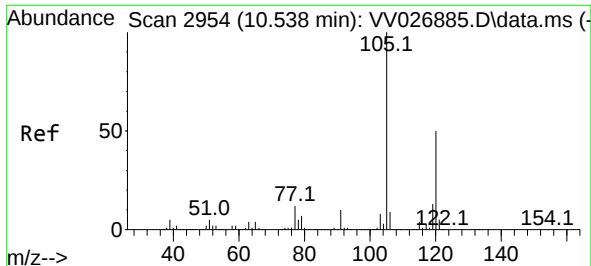
Tgt Ion: 43 Resp: 25330
Ion Ratio Lower Upper
43 100
58 39.9 48.8 73.2#
57 43.2 16.6 24.8#
100 5.0 11.6 17.4#



#61
1,2,3-Trichloropropane
Concen: 5.669 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026899.D
Acq: 22 Jul 2022 20:04

Tgt Ion: 75 Resp: 27879
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4
110 2.9 31.7 47.5#





#62

1,3,5-Trimethylbenzene

Concen: 1.221 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.379 min

Lab File: VV026899.D

Acq: 22 Jul 2022 20:04

Instrument :

MSVOA_V

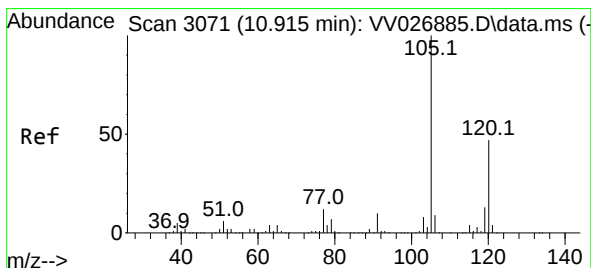
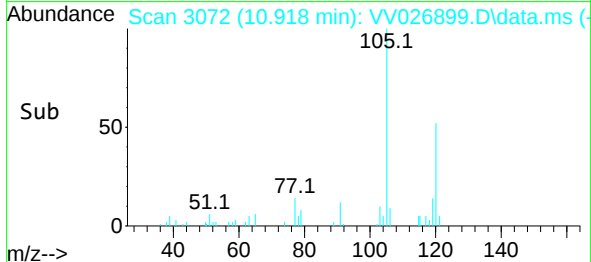
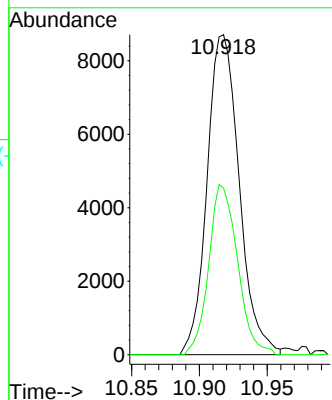
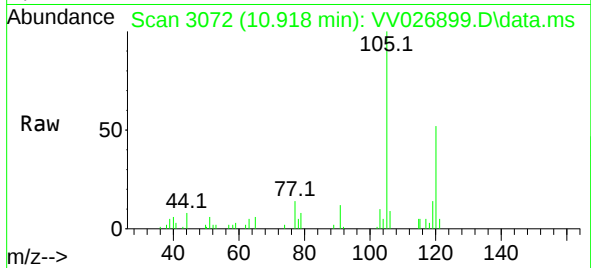
ClientSampleId :

Tgt Ion:105 Resp: 14372

Ion Ratio Lower Upper

105 100

120 47.6 39.8 59.6



#63

1,2,4-Trimethylbenzene

Concen: 1.217 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.003 min

Lab File: VV026899.D

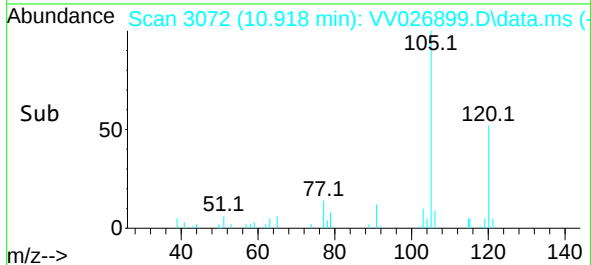
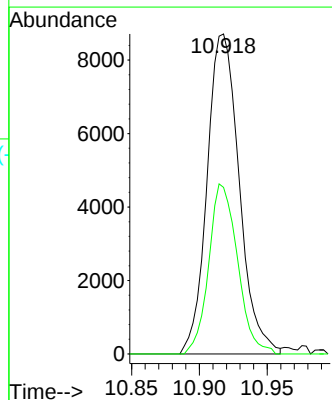
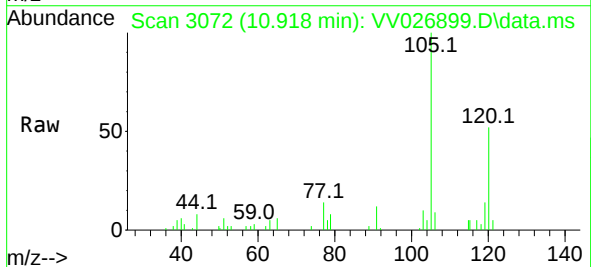
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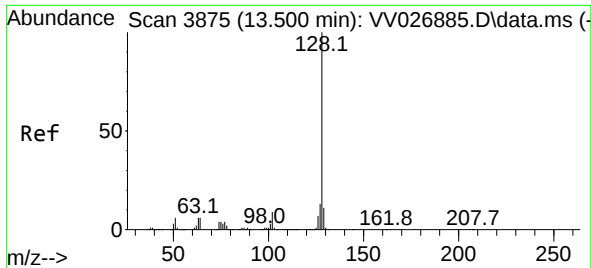
Tgt Ion:105 Resp: 14372

Ion Ratio Lower Upper

105 100

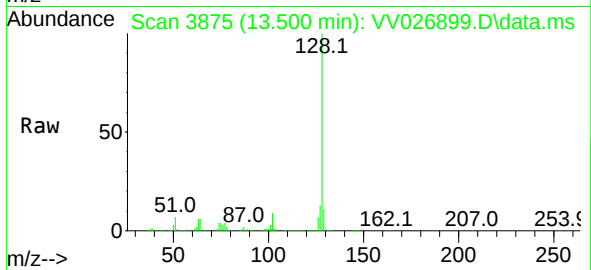
120 47.6 37.1 55.7





#71
Naphthalene
Concen: 407.773 ug/L
RT: 13.500 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026899.D
Acq: 22 Jul 2022 20:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 5659811
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.3 8.6 13.0

