

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053496.D
 Acq On : 31 Mar 2023 17:00
 Operator : JC/MD
 Sample : 02054-01DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 01 05:08:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

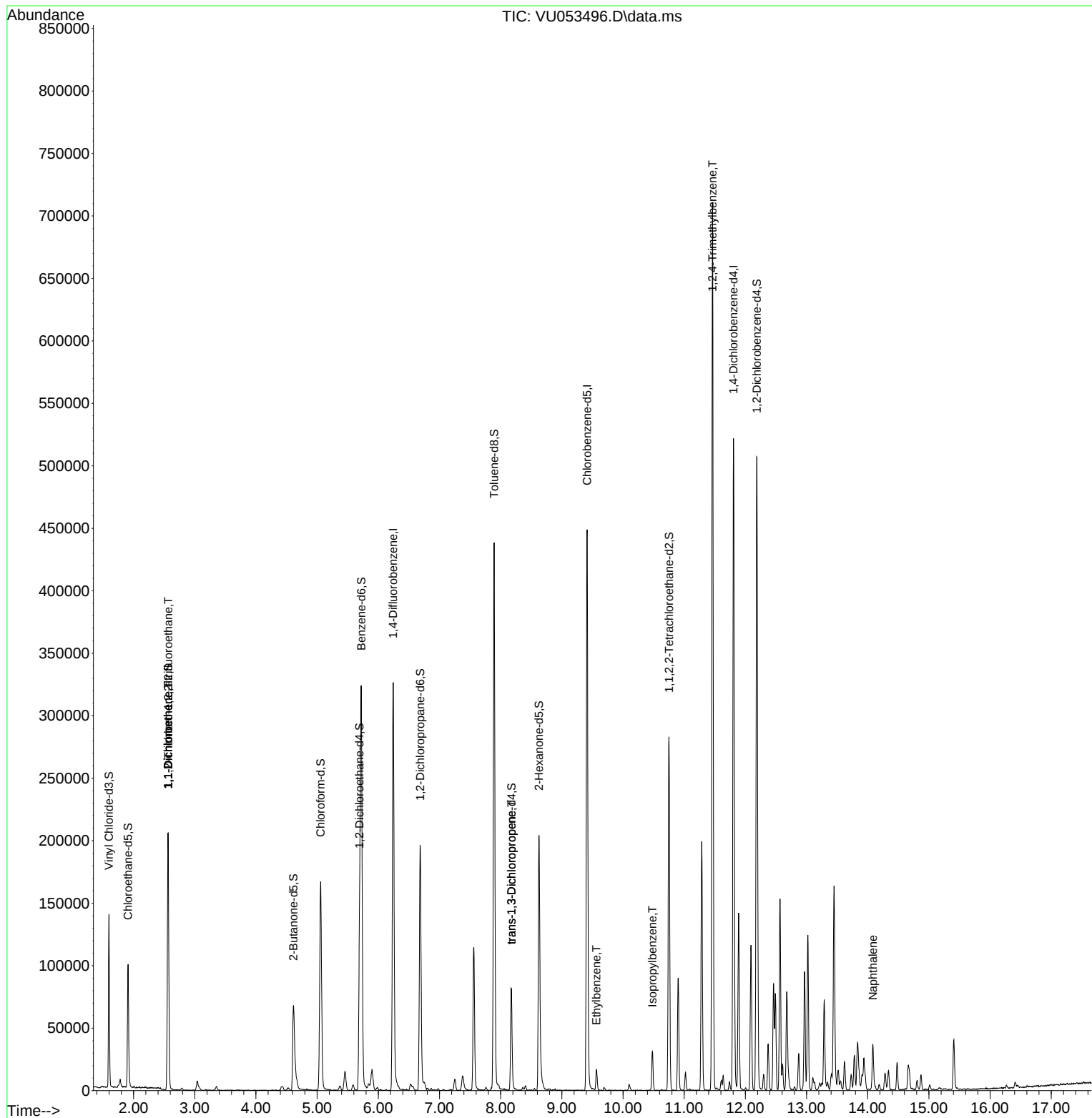
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	290433	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	270723	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	148715	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	95650	42.295	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.600%		
7) Chloroethane-d5	1.909	69	72575	41.622	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.240%		
11) 1,1-Dichloroethene-d2	2.565	63	112081	32.017	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.040%		
21) 2-Butanone-d5	4.613	46	96650	94.394	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.390%		
24) Chloroform-d	5.057	84	153239	40.972	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.940%		
26) 1,2-Dichloroethane-d4	5.694	65	94338	42.686	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.380%		
32) Benzene-d6	5.723	84	315697	43.201	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.400%		
36) 1,2-Dichloropropane-d6	6.684	67	96582	43.241	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.480%		
41) Toluene-d8	7.893	98	309226	42.575	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.160%		
43) trans-1,3-Dichloroprop...	8.176	79	47314	41.037	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.080%		
47) 2-Hexanone-d5	8.626	63	71825	94.222	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.220%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	137079	43.543	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.080%		
66) 1,2-Dichlorobenzene-d4	12.188	152	136200	43.876	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.760%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1421	0.711	ug/L #	26
12) 1,1-Dichloroethene	2.562	96	1314	0.737	ug/L #	1
44) trans-1,3-Dichloropropene	8.176	75	2547	0.921	ug/L #	62
52) Ethylbenzene	9.565	91	12841	1.443	ug/L	96
61) Isopropylbenzene	10.481	105	22132	2.517	ug/L	98
63) 1,2,4-Trimethylbenzene	11.462	105	405087	55.958	ug/L	99
71) Naphthalene	14.082	128	32325	3.424	ug/L	98

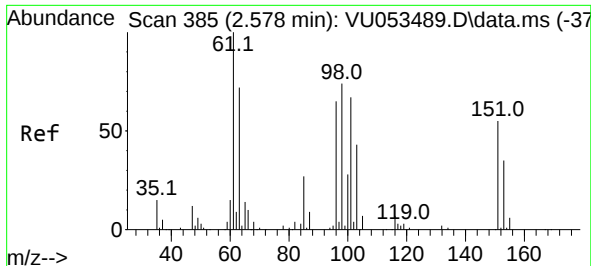
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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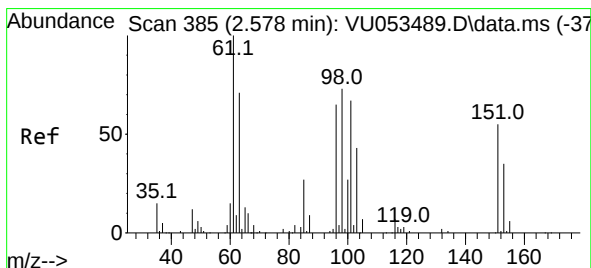
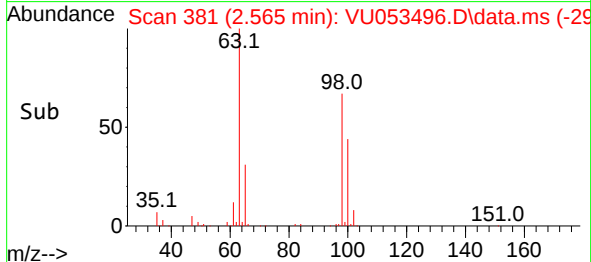
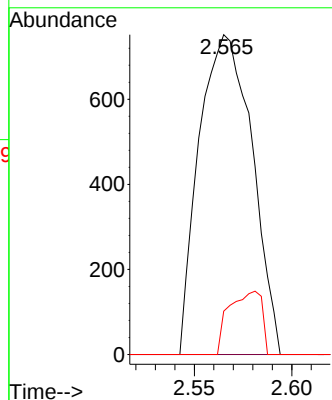
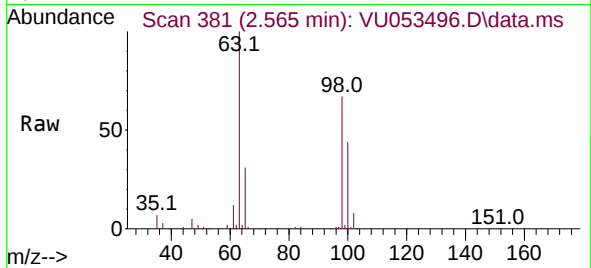




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.711 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU053496.D
Acq: 31 Mar 2023 17:00

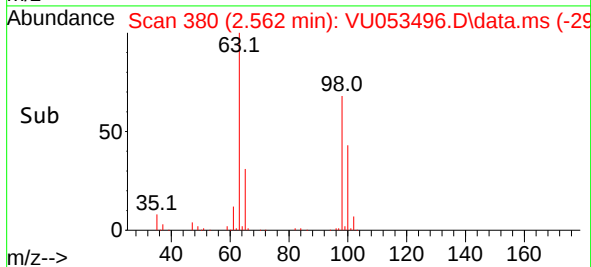
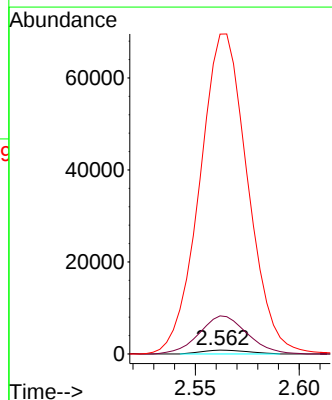
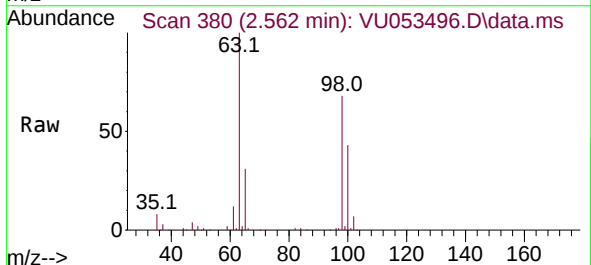
Instrument :
MSVOA_W
ClientSampleId :

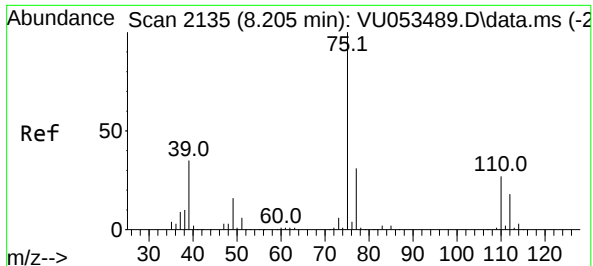
Tgt Ion:101 Resp: 1421
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 12.2 65.8 98.6#



#12
1,1-Dichloroethene
Concen: 0.737 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU053496.D
Acq: 31 Mar 2023 17:00

Tgt Ion: 96 Resp: 1314
Ion Ratio Lower Upper
96 100
61 986.4 107.9 200.5#
63 8288.0 79.1 146.9#

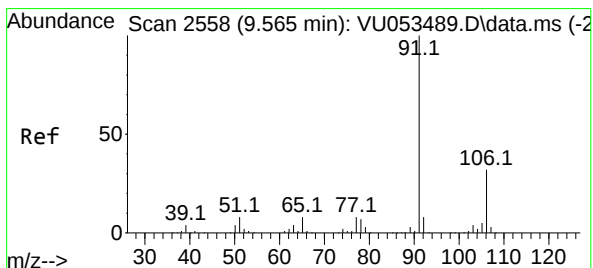
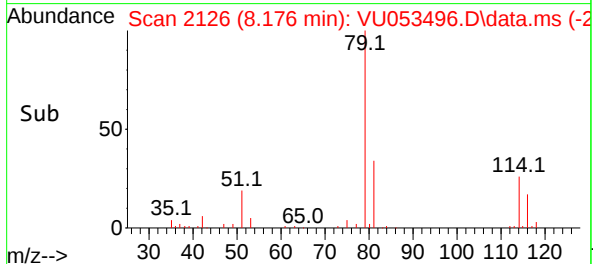
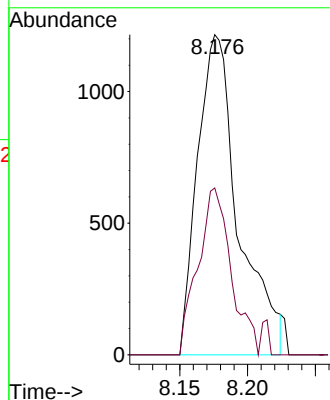
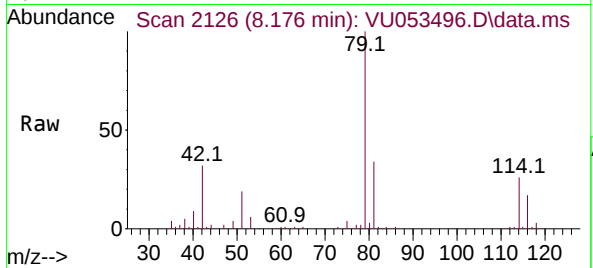




#44
trans-1,3-Dichloropropene
Concen: 0.921 ug/L
RT: 8.176 min Scan# 2135
Delta R.T. -0.029 min
Lab File: VU053496.D
Acq: 31 Mar 2023 17:00

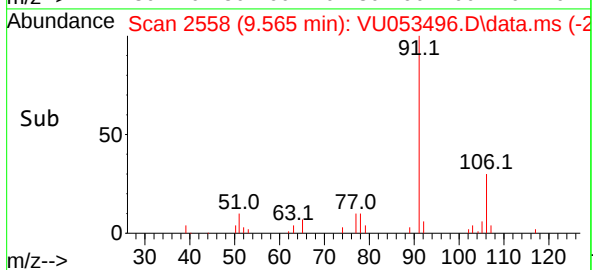
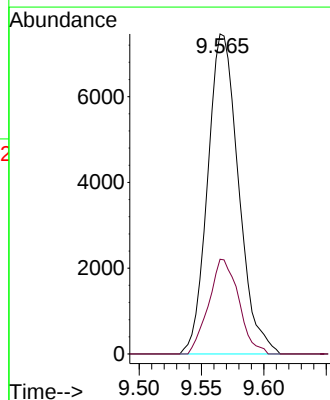
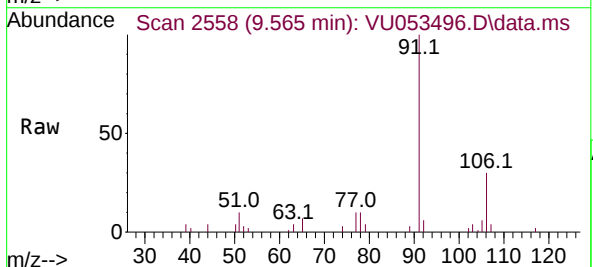
Instrument :
MSVOA_W
ClientSampleId :

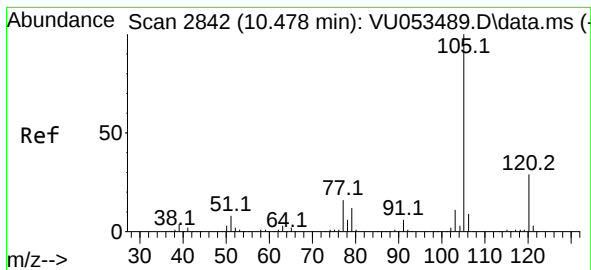
Tgt Ion: 75 Resp: 2547
Ion Ratio Lower Upper
75 100
77 52.1 21.8 40.4#



#52
Ethylbenzene
Concen: 1.443 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. 0.000 min
Lab File: VU053496.D
Acq: 31 Mar 2023 17:00

Tgt Ion: 91 Resp: 12841
Ion Ratio Lower Upper
91 100
106 29.6 22.4 41.6





#61

Isopropylbenzene

Concen: 2.517 ug/L

RT: 10.481 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053496.D

Acq: 31 Mar 2023 17:00

Instrument :

MSVOA_W

ClientSampleId :

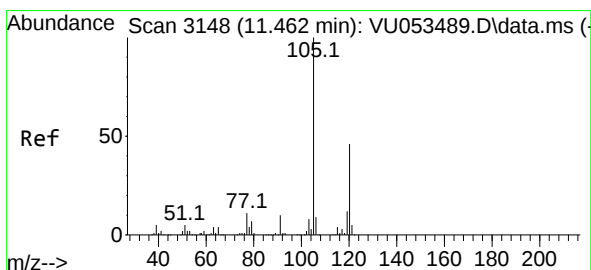
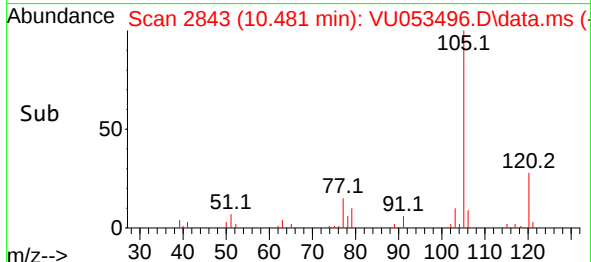
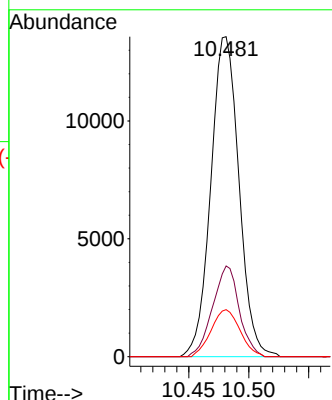
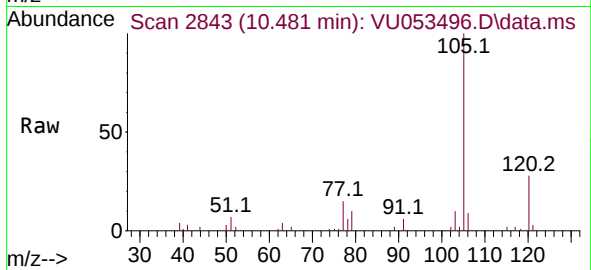
Tgt Ion:105 Resp: 22132

Ion Ratio Lower Upper

105 100

120 26.8 22.4 33.6

77 15.1 12.1 18.1



#63

1,2,4-Trimethylbenzene

Concen: 55.958 ug/L

RT: 11.462 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU053496.D

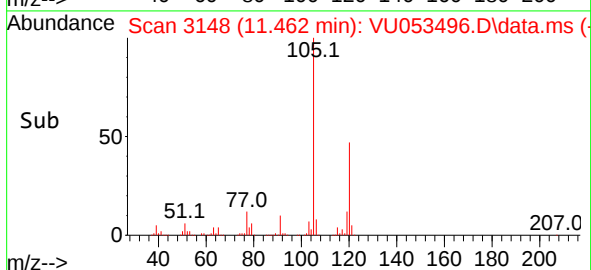
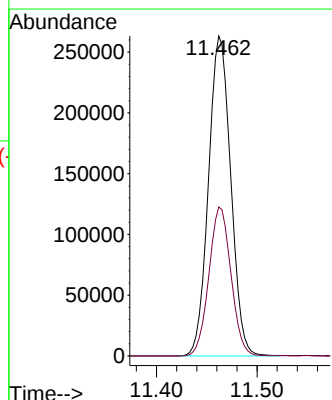
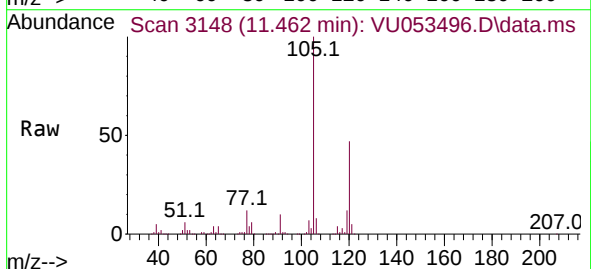
Acq: 31 Mar 2023 17:00

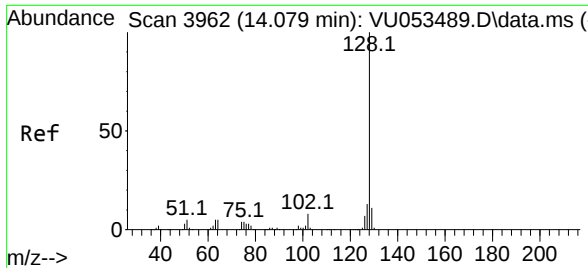
Tgt Ion:105 Resp: 405087

Ion Ratio Lower Upper

105 100

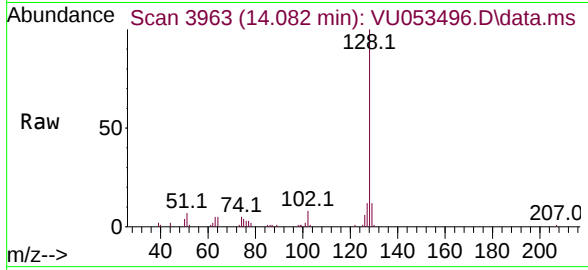
120 46.1 37.5 56.3





#71
Naphthalene
Concen: 3.424 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.003 min
Lab File: VU053496.D
Acq: 31 Mar 2023 17:00

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	32325
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.2	15.2
129	11.8	8.6	12.8

