

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050113.D
 Acq On : 05 Aug 2022 22:50
 Operator : SY/MD
 Sample : N4027-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 06:05:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 06 06:03:36 2022
 Response via : Initial Calibration

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

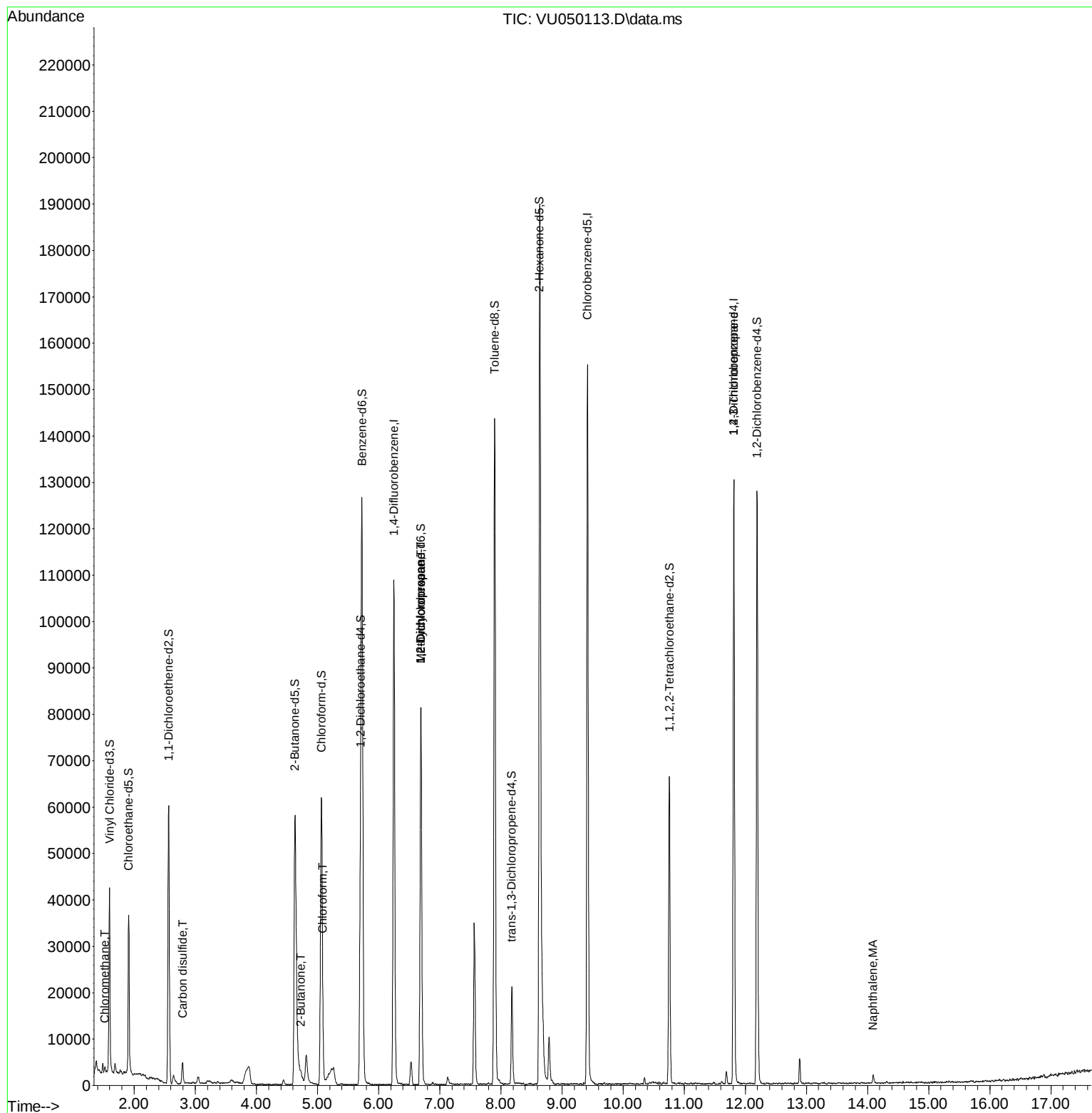
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	88503	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	90646	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35939	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	28684	3.895	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	77.800%	
7) Chloroethane-d5	1.909	69	24615	4.142	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	82.800%	
11) 1,1-Dichloroethene-d2	2.565	65	11376	3.952	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	79.000%	
20) 2-Butanone-d5	4.632	46	94021	52.347	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	104.700%	
24) Chloroform-d	5.063	84	59067	4.312	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	86.200%	
26) 1,2-Dichloroethane-d4	5.703	65	32813	4.665	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	93.200%	
32) Benzene-d6	5.729	84	121000	4.278	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	85.600%	
36) 1,2-Dichloropropane-d6	6.690	67	42067	4.516	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	90.400%	
41) Toluene-d8	7.899	98	97822	3.915	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	78.400%	
43) trans-1,3-Dichloroprop...	8.179	79	12726	3.812	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	76.200%	
46) 2-Hexanone-d5	8.636	63	64276	54.300	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	108.600%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34896	4.266	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	85.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	35762	5.079	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	101.600%	
Target Compounds						
3) Chloromethane	1.517	50	1381	0.130	ug/L	93
14) Carbon disulfide	2.793	76	6806	0.311	ug/L #	95
21) 2-Butanone	4.729	43	3084	1.715	ug/L	83
25) Chloroform	5.086	83	1739	0.126	ug/L	80
35) Methylcyclohexane	6.693	83	9482	0.956	ug/L #	19
37) 1,2-Dichloropropane	6.693	63	4296	0.508	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	4372	0.893	ug/L #	66
71) Naphthalene	14.092	128	2277	0.170	ug/L #	84

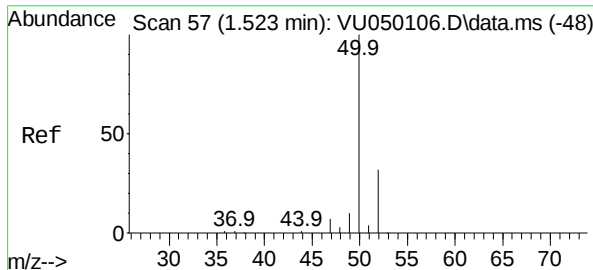
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Chloromethane

Concen: 0.130 ug/L

RT: 1.517 min Scan# 55

Delta R.T. -0.006 min

Lab File: VU050113.D

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Instrument :

MSVOA_U

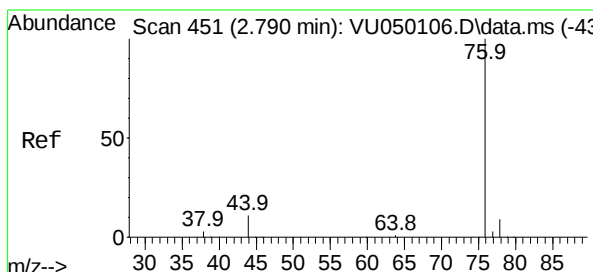
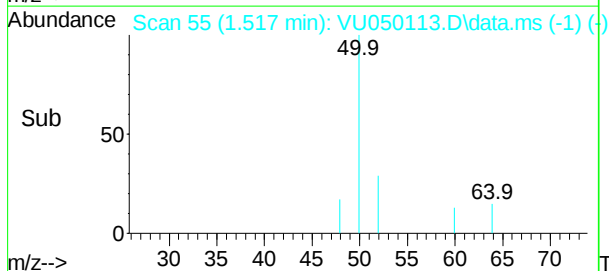
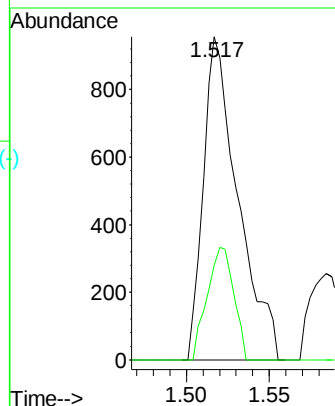
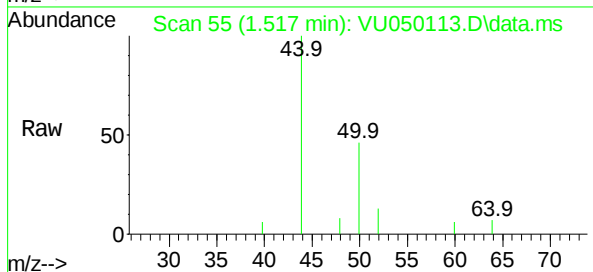
ClientSampleId :

Tgt Ion: 50 Resp: 1381

Ion Ratio Lower Upper

50 100

52 29.2 23.2 43.2



Carbon disulfide

Concen: 0.311 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU050113.D

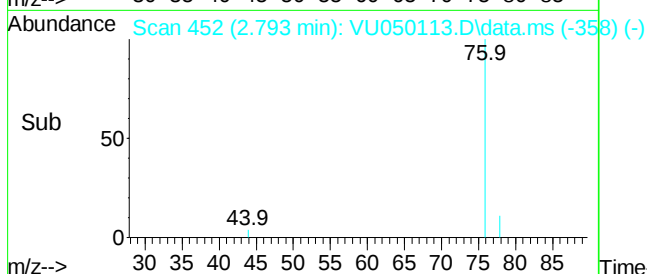
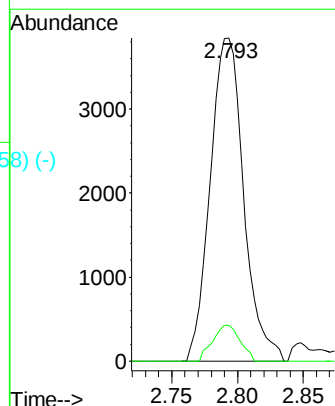
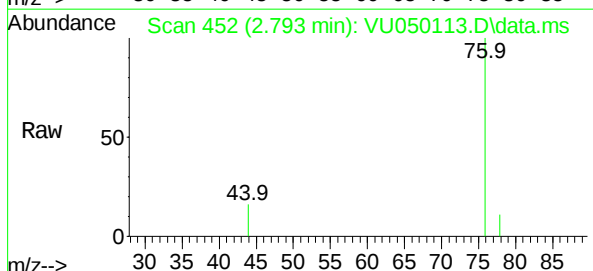
Acq: 05 Aug 2022 22:50

Tgt Ion: 76 Resp: 6806

Ion Ratio Lower Upper

76 100

78 11.2 7.4 11.0#



Abundance Scan 1046 (4.703 min): VU050106.D\data.ms (-10321-)

2-Butanone

Concen: 1.715 ug/L

RT: 4.729 min Scan#

Delta R.T. 0.026 min

Lab File: VU050113.D

Acq: 05 Aug 2022 22:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 3084

Ion Ratio Lower Upper

43 100

72 19.0 14.0 42.0

Abundance Scan 1054 (4.729 min): VU050113.D\data.ms

Ref

50

0

36.9 42.9 50.9 57.0 72.0

m/z-->

30 35 40 45 50 55 60 65 70 75 80 85

Abundance Scan 1054 (4.729 min): VU050113.D\data.ms

Raw

50

0

43.0 56.9 72.0

m/z-->

30 35 40 45 50 55 60 65 70 75 80 85

Abundance Scan 1054 (4.729 min): VU050113.D\data.ms (-953) (-)

Sub

50

0

43.0 56.9 72.0

m/z-->

30 35 40 45 50 55 60 65 70 75 80 85

Abundance

3000

2000

1000

0

4.65 4.70 4.75 4.80

Time-->

4.729

Abundance Scan 1166 (5.089 min): VU050106.D\data.ms (-11525-)

Chloroform

Concen: 0.126 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU050113.D

Acq: 05 Aug 2022 22:50

Tgt Ion: 83 Resp: 1739

Ion Ratio Lower Upper

83 100

85 81.8 46.1 85.5

Abundance Scan 1165 (5.086 min): VU050113.D\data.ms

Ref

50

0

46.9 69.9 82.9 117.9

m/z-->

30 35 40 45 50 55 60 65 70 75 80 85

Abundance Scan 1165 (5.086 min): VU050113.D\data.ms

Raw

50

0

46.9 83.9 118.8

m/z-->

30 35 40 45 50 55 60 65 70 75 80 85

Abundance Scan 1165 (5.086 min): VU050113.D\data.ms (-1073) (-)

Sub

50

0

46.9 83.9 118.8

m/z-->

30 35 40 45 50 55 60 65 70 75 80 85

Abundance

800

600

400

200

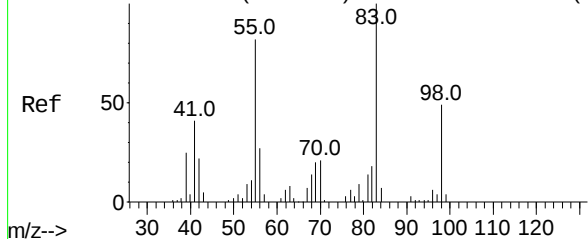
0

5.05 5.10

Time-->

5.086

Abundance Scan 1687 (6.764 min): VU050106.D\data.ms (-16785-)



Methylcyclohexane

Concen: 0.956 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU050113.D

Acq: 05 Aug 2022 22:50

Instrument :

MSVOA_U

ClientSampleId :

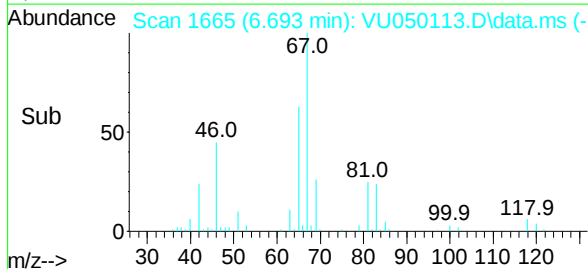
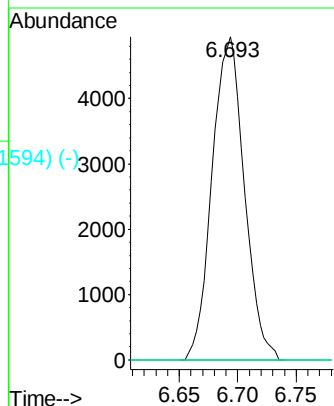
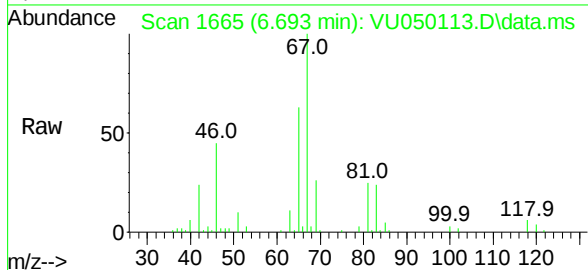
Tgt Ion: 83 Resp: 9482

Ion Ratio Lower Upper

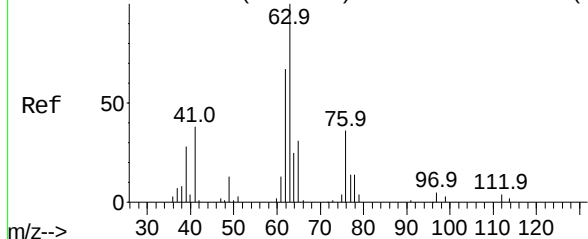
83 100

55 0.0 62.7 94.1#

98 1.8 36.2 54.2#



Abundance Scan 1696 (6.793 min): VU050106.D\data.ms (-16797-)



1,2-Dichloropropane

Concen: 0.508 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU050113.D

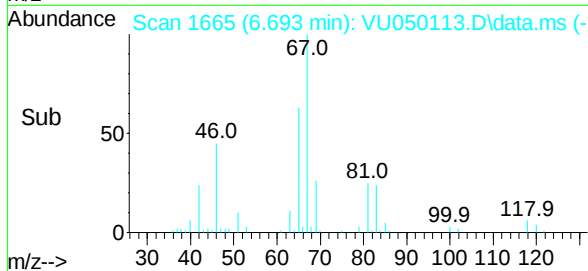
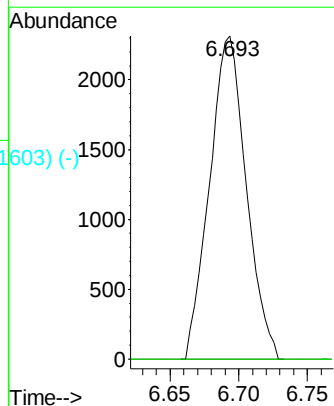
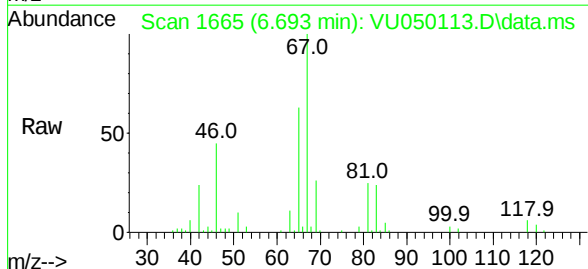
Acq: 05 Aug 2022 22:50

Tgt Ion: 63 Resp: 4296

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



Abundance Scan 2949 (10.822 min): VU050106.D\data.ms (-354) (-)

1,2,3-Trichloropropane

Concen: 0.893 ug/L

RT: 11.812 min Scan# 3951

Delta R.T. 0.990 min

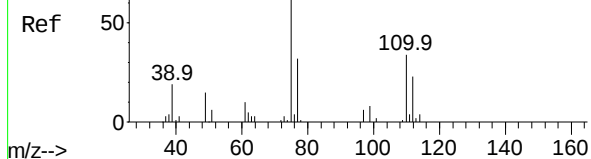
Lab File: VU050113.D

Acq: 05 Aug 2022 22:50

Instrument :

MSVOA_U

ClientSampleId :



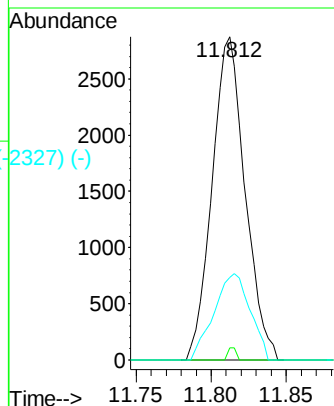
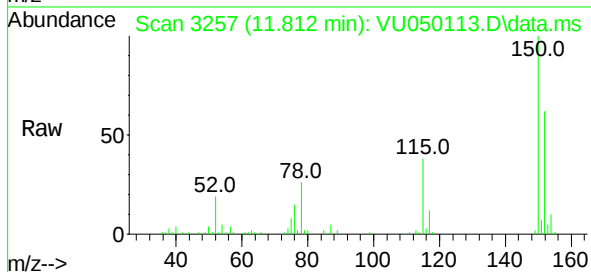
Tgt Ion: 75 Resp: 4372

Ion Ratio Lower Upper

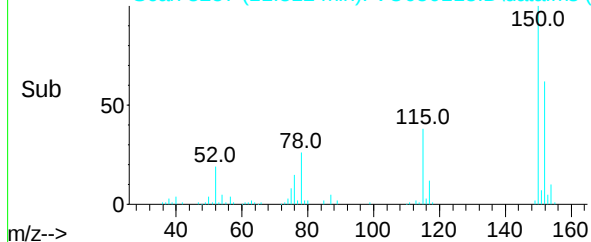
75 100

110 1.0 28.5 42.7#

77 29.3 25.8 38.6



Abundance Scan 3257 (11.812 min): VU050113.D\data.ms (-2327) (-)



Abundance Scan 3965 (14.089 min): VU050106.D\data.ms (-3972) (-)

Naphthalene

Concen: 0.170 ug/L

RT: 14.092 min Scan# 3966

Delta R.T. 0.003 min

Lab File: VU050113.D

Acq: 05 Aug 2022 22:50

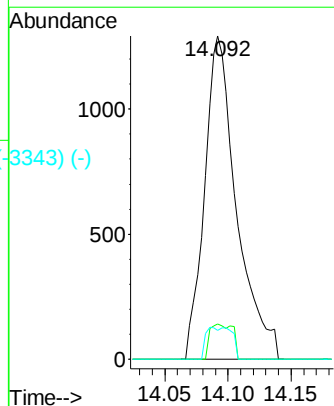
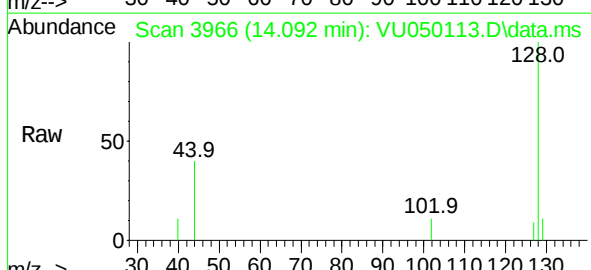
Tgt Ion: 128 Resp: 2277

Ion Ratio Lower Upper

128 100

129 7.7 8.6 12.8#

127 4.0 10.6 16.0#



Abundance Scan 3966 (14.092 min): VU050113.D\data.ms (-3343) (-)

