

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051723\
 Data File : VV031069.D
 Acq On : 17 May 2023 13:23
 Operator : SY/MD
 Sample : 02822-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CONQ1

Quant Time: May 18 02:49:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 18 02:47:29 2023
 Response via : Initial Calibration

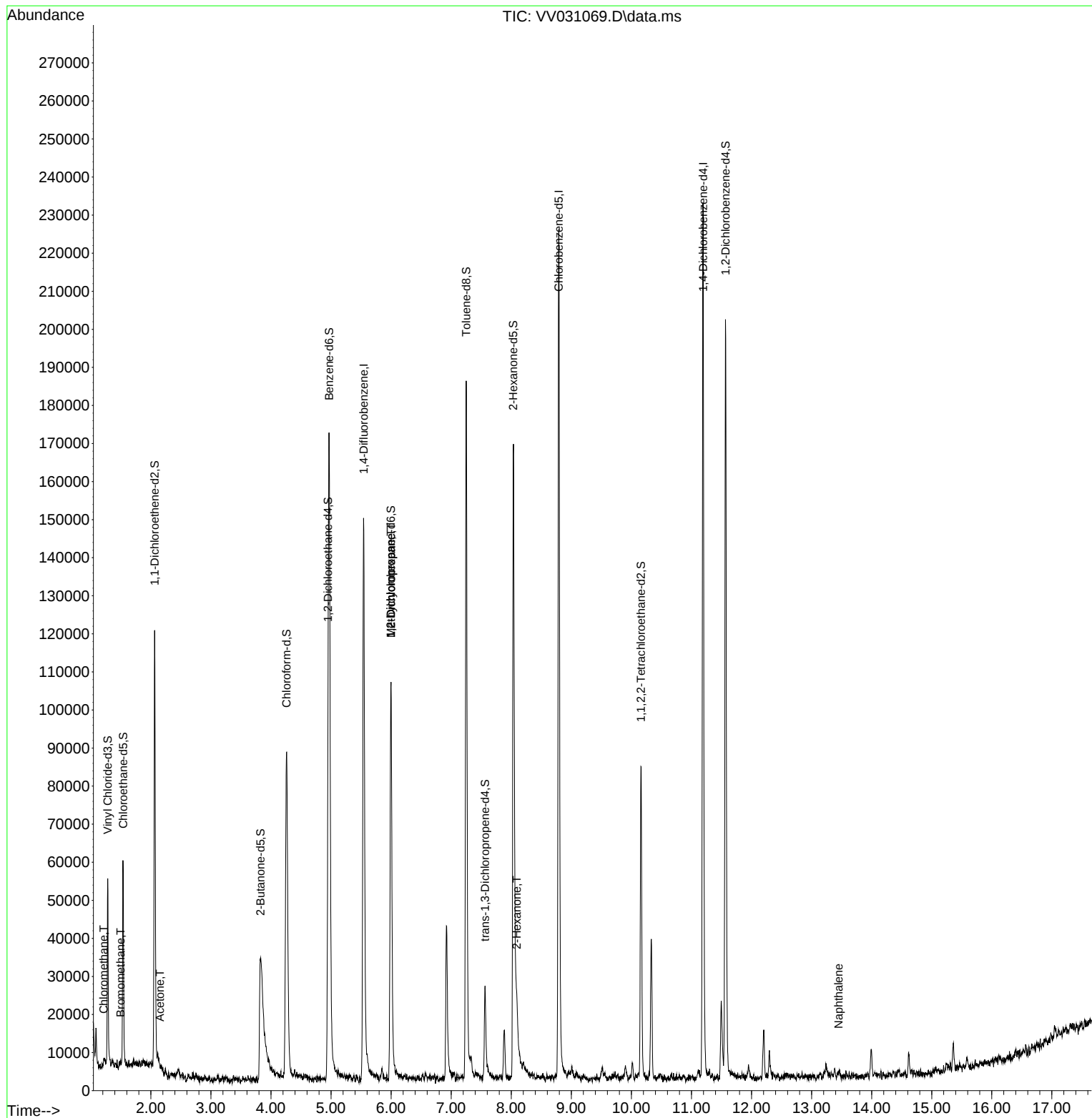
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	127948	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	126494	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	63105	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	31023	2.943	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.800%
7) Chloroethane-d5	1.539	69	34010	3.955	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.063	65	18178	3.258	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.825	46	84671	45.295	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.580%
24) Chloroform-d	4.259	84	90732	4.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	4.950	65	48032	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	4.969	84	148637	4.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	5.998	67	44337	4.112	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.200%
41) Toluene-d8	7.249	98	122931	3.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	7.564	79	13353	3.304	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.000%
46) 2-Hexanone-d5	8.034	63	59548	42.054	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.100%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	33759	4.320	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	52582	4.470	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	1374	0.116	ug/L	96
6) Bromomethane	1.494	94	443	0.094	ug/L	80
13) Acetone	2.150	43	2422	1.517	ug/L	71
35) Methylcyclohexane	5.998	83	12278	0.934	ug/L #	18
37) 1,2-Dichloropropane	5.998	63	5928	0.785	ug/L #	89
48) 2-Hexanone	8.092	43	7985	2.662	ug/L	91
71) Naphthalene	13.451	128	1035	0.068	ug/L #	76

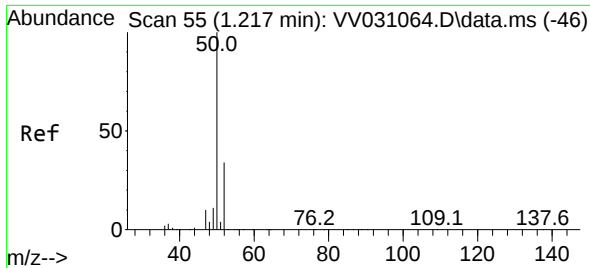
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

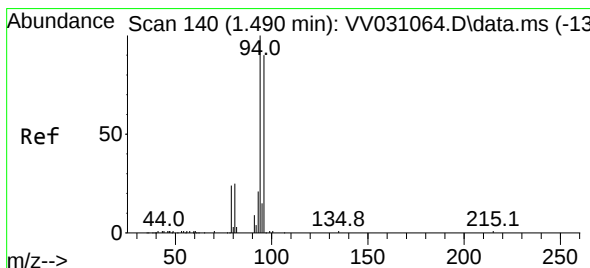
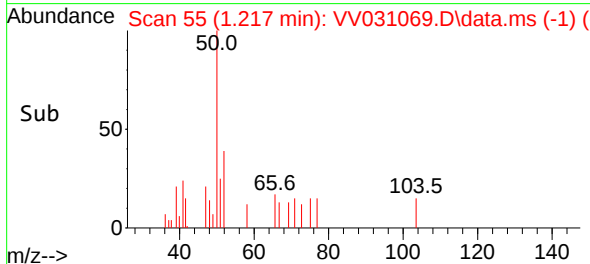
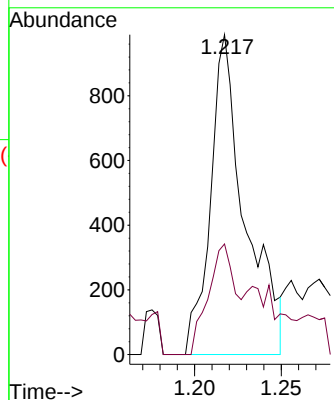
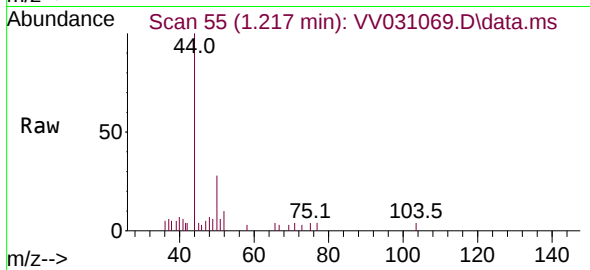




#3
Chloromethane
Concen: 0.116 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031069.D
Acq: 17 May 2023 13:23

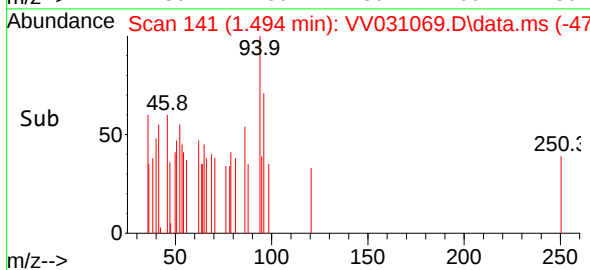
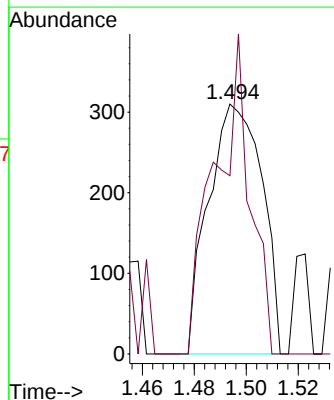
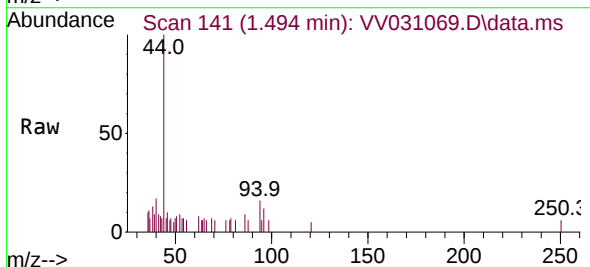
Instrument :
MSVOA_V
ClientSampleId :
CONQ1

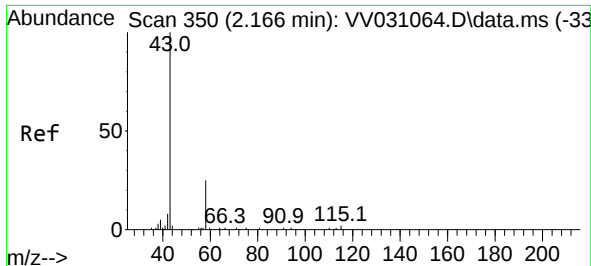
Tgt Ion: 50 Resp: 1374
Ion Ratio Lower Upper
50 100
52 34.6 22.8 42.4



#6
Bromomethane
Concen: 0.094 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV031069.D
Acq: 17 May 2023 13:23

Tgt Ion: 94 Resp: 443
Ion Ratio Lower Upper
94 100
96 71.3 63.4 117.8





#13

Acetone

Concen: 1.517 ug/L

RT: 2.150 min Scan# 34

Delta R.T. -0.016 min

Lab File: VV031069.D

Acq: 17 May 2023 13:23

Instrument :

MSVOA_V

ClientSampleId :

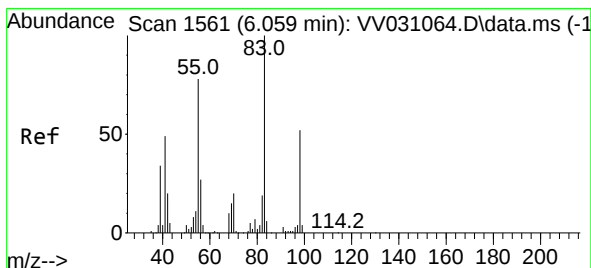
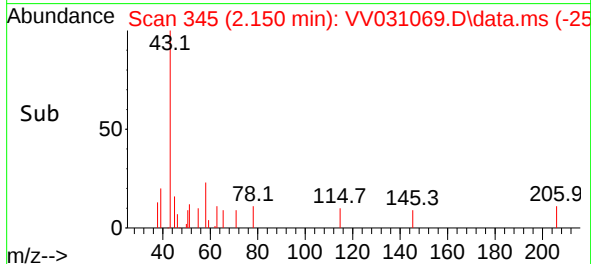
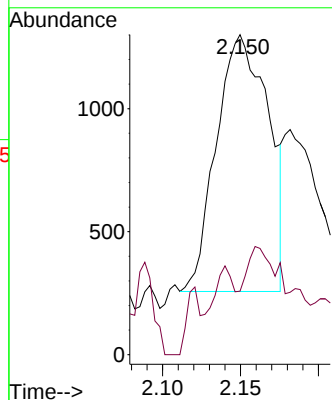
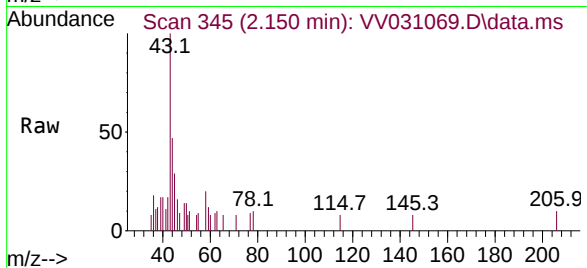
CONQ1

Tgt Ion: 43 Resp: 2422

Ion Ratio Lower Upper

43 100

58 5.6 0.0 37.0



#35

Methylcyclohexane

Concen: 0.934 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV031069.D

Acq: 17 May 2023 13:23

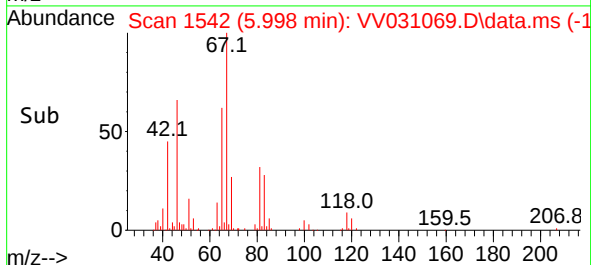
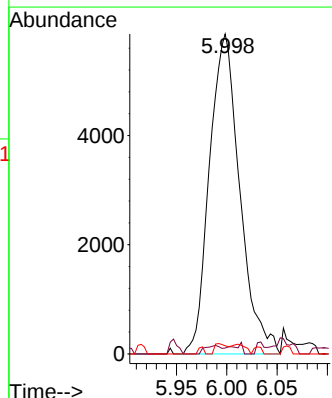
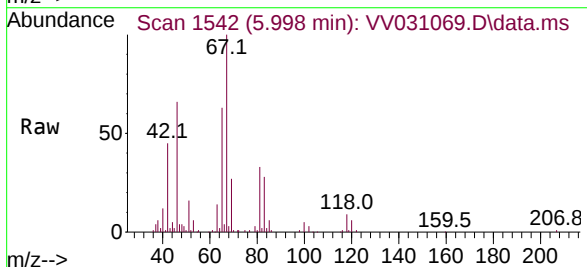
Tgt Ion: 83 Resp: 12278

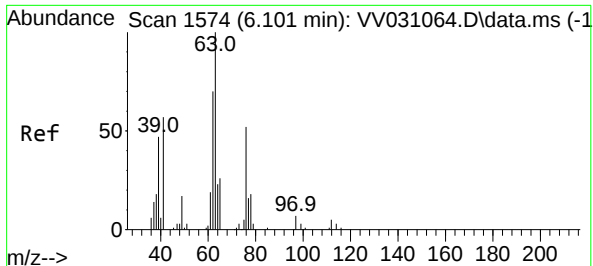
Ion Ratio Lower Upper

83 100

55 1.4 62.9 94.3#

98 1.3 40.5 60.7#





#37

1,2-Dichloropropane

Concen: 0.785 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV031069.D

Acq: 17 May 2023 13:23

Instrument :

MSVOA_V

ClientSampleId :

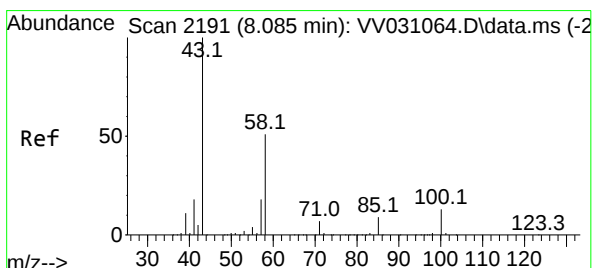
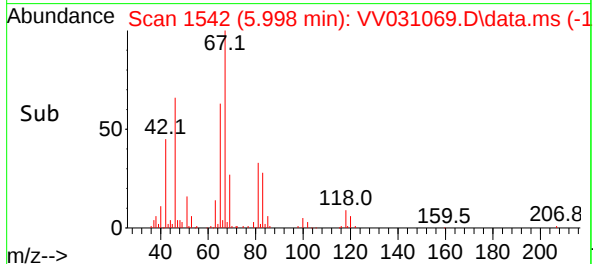
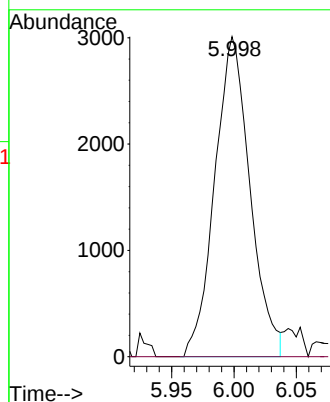
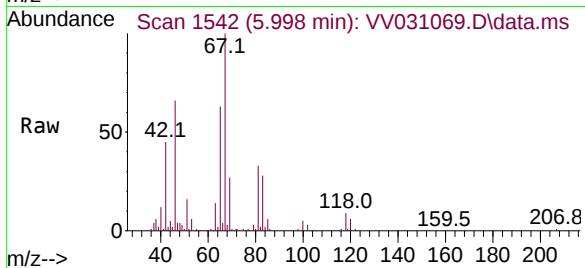
CONQ1

Tgt Ion: 63 Resp: 5928

Ion Ratio Lower Upper

63 100

112 1.2 3.8 5.8#



#48

2-Hexanone

Concen: 2.662 ug/L

RT: 8.092 min Scan# 2193

Delta R.T. 0.007 min

Lab File: VV031069.D

Acq: 17 May 2023 13:23

Tgt Ion: 43 Resp: 7985

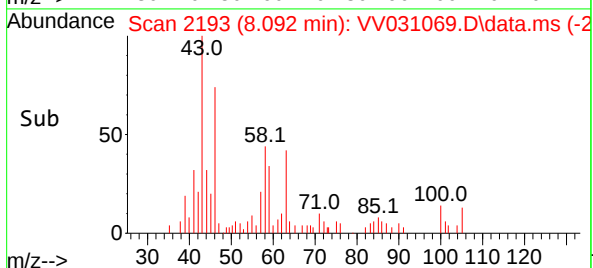
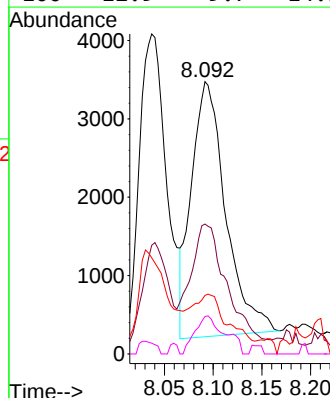
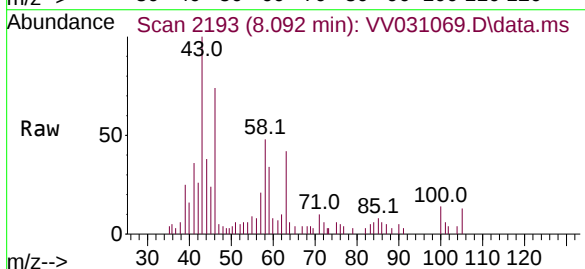
Ion Ratio Lower Upper

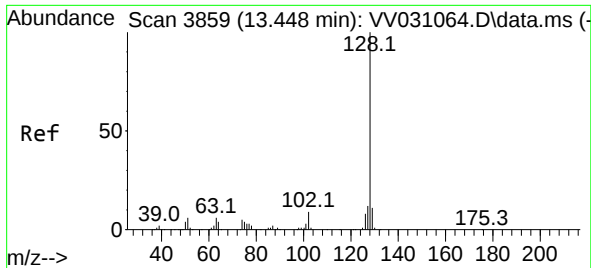
43 100

58 59.0 39.9 59.9

57 18.5 14.1 21.1

100 12.9 9.7 14.5





#71
Naphthalene
Concen: 0.068 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV031069.D
Acq: 17 May 2023 13:23

Instrument :
MSVOA_V
ClientSampleId :
CONQ1

Tgt Ion:128 Resp: 1035
Ion Ratio Lower Upper
128 100
129 1.8 8.6 13.0#
127 4.0 10.6 16.0#

