

Data File : VV014496.D
Acq On : 04 Feb 2020 15:00
Operator : SY/MD
Sample : L1323-12ME
Misc : 5.09g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAT50ME

Quant Time: Feb 05 01:09:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 01:06:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	410717	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	392383	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	219631	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106029	46.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.96%
7) Chloroethane-d5	1.61	69	298	0.21	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.42%#
11) 1,1-Dichloroethene-d2	2.10	63	98603	32.38	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.76%
21) 2-Butanone-d5	3.93	46	153964	100.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.32%
24) Chloroform-d	4.39	84	211225	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.50%
26) 1,2-Dichloroethane-d4	5.07	65	138306	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
32) Benzene-d6	5.09	84	457272	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
36) 1,2-Dichloropropane-d6	6.11	67	145769	44.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.18%
41) Toluene-d8	7.35	98	427956	44.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.74%
43) trans-1,3-Dichloropropene-	7.66	79	77632	46.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.46%
47) 2-Hexanone-d5	8.14	63	142810	111.67	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.67%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	216178	51.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.66%
64) 1,2-Dichlorobenzene-d4	11.67	152	191166	47.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.52%

Target Compounds

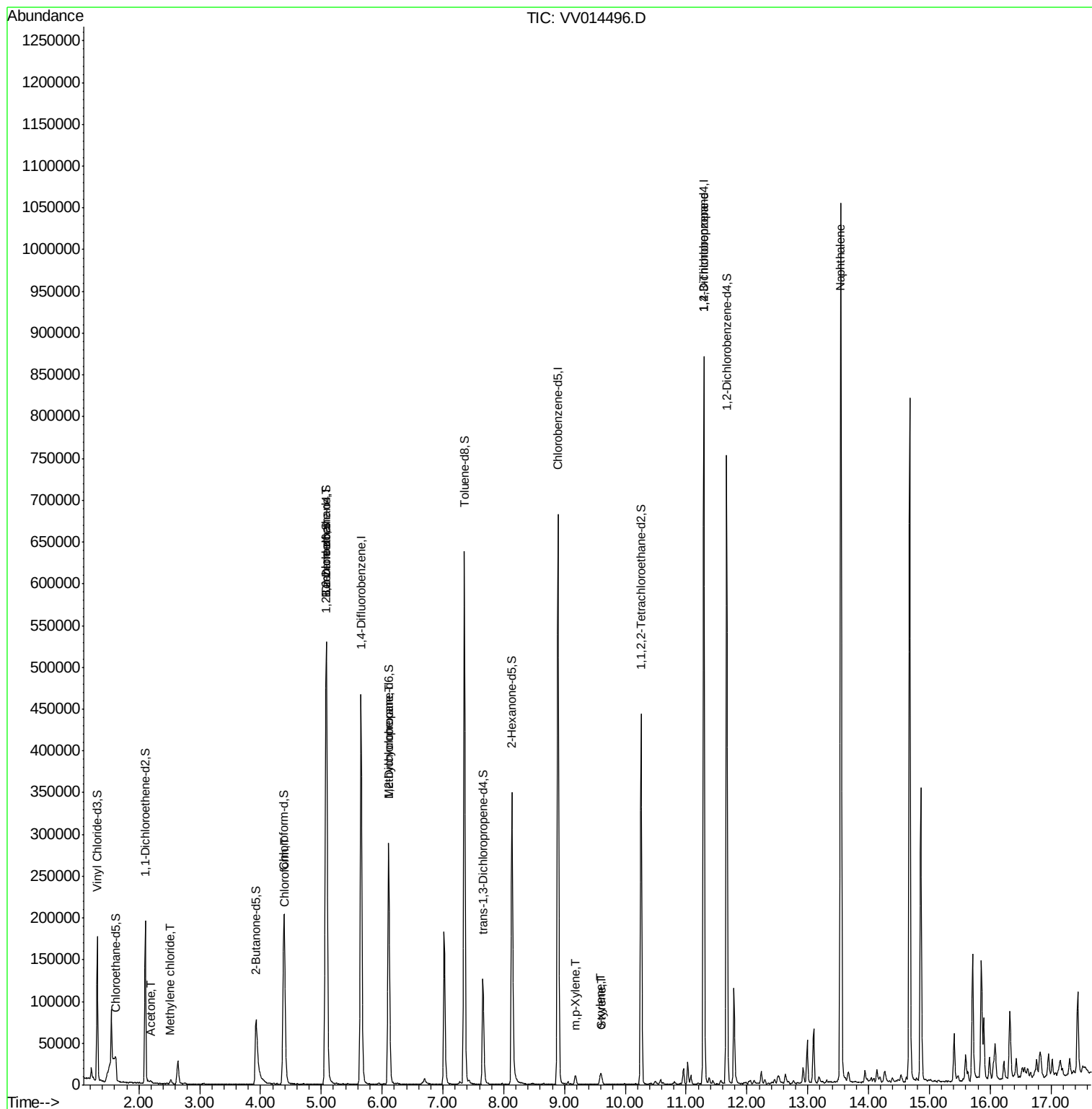
					Qvalue
13) Acetone	2.19	43	2717	2.075	ug/L 96
16) Methylene chloride	2.52	84	2327	0.774	ug/L 89
25) Chloroform	4.41	83	6434	1.292	ug/L 89
27) 1,2-Dichloroethane	5.08	62	2600	0.734	ug/L 97
35) Methylcyclohexane	6.11	83	35448	7.296	ug/L # 19
53) m,p-Xylene	9.18	106	3160	0.622	ug/L 95
54) o-xylene	9.59	106	2644	0.525	ug/L 89
55) Styrene	9.61	104	5804	0.687	ug/L 96
59) 1,2,3-Trichloropropane	11.29	75	25205	7.372	ug/L 92
69) Naphthalene	13.54	128	796994	60.878	ug/L 100

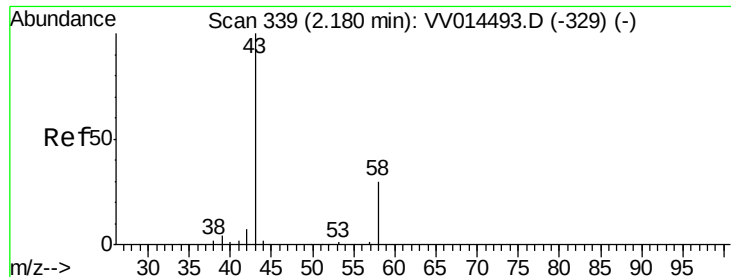
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.075 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV014496.D

Acq: 04 Feb 2020 15:00

Instrument :

MSVOA_V

ClientSampleId :

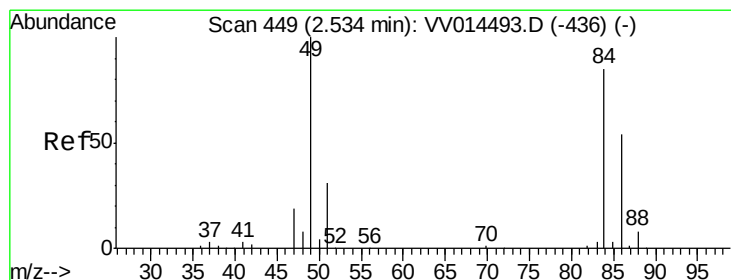
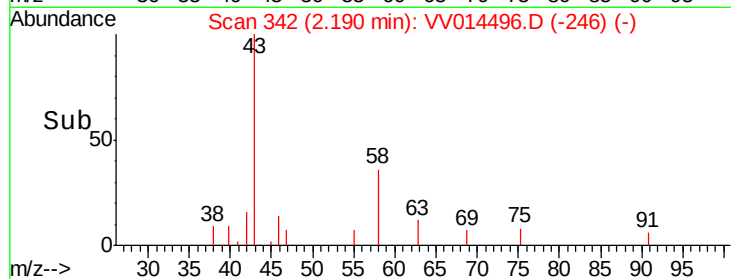
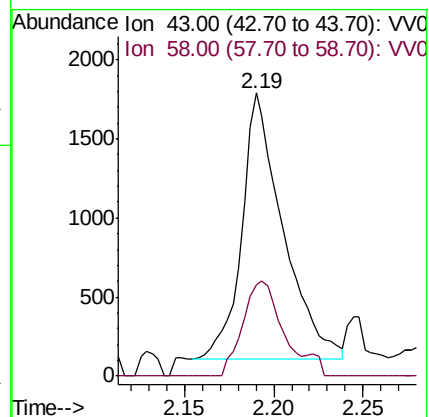
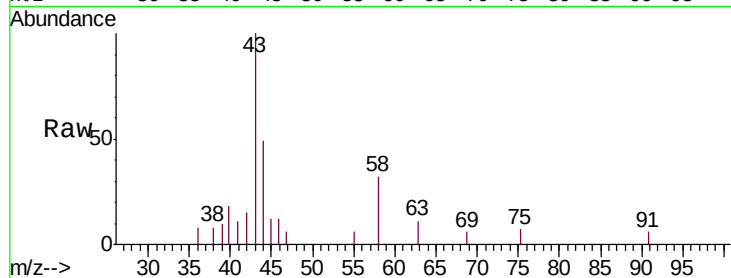
GAT50ME

Tgt Ion: 43 Resp: 2717

Ion Ratio Lower Upper

43 100

58 33.0 0.0 61.2



#16

Methylene chloride

Concen: 0.774 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.01 min

Lab File: VV014496.D

Acq: 04 Feb 2020 15:00

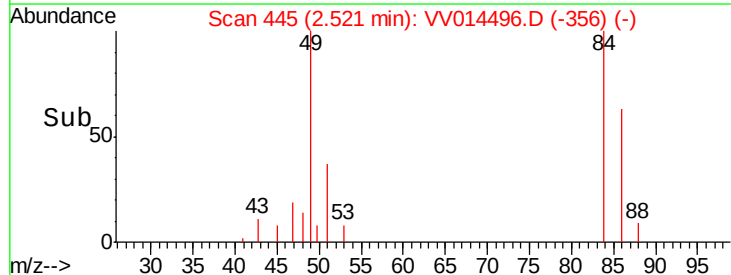
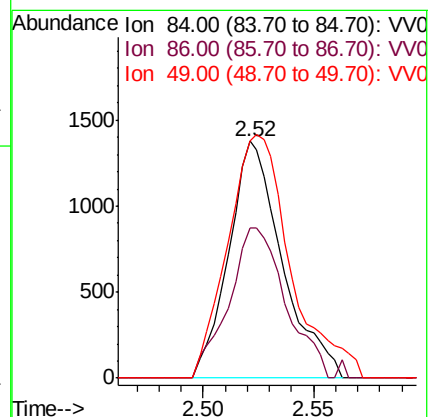
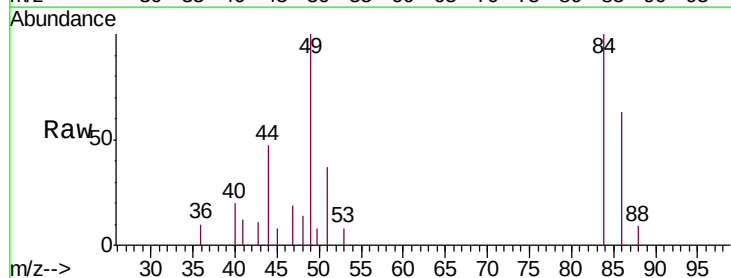
Tgt Ion: 84 Resp: 2327

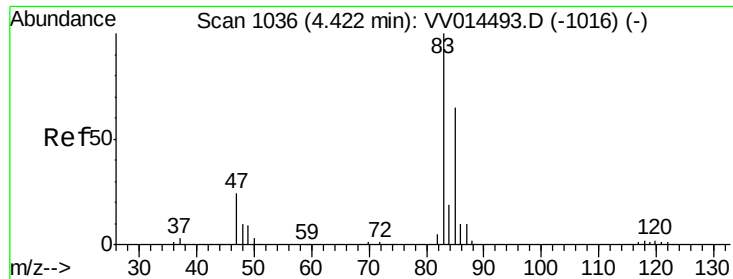
Ion Ratio Lower Upper

84 100

86 63.6 45.6 84.8

49 100.3 82.7 153.7

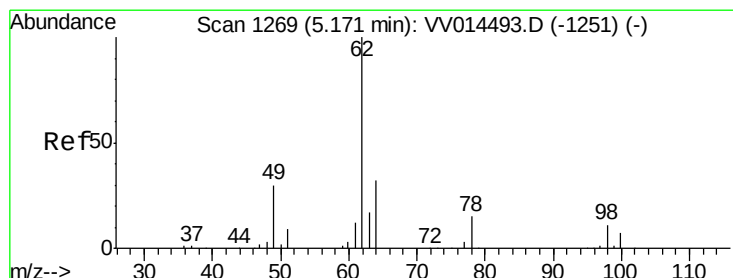
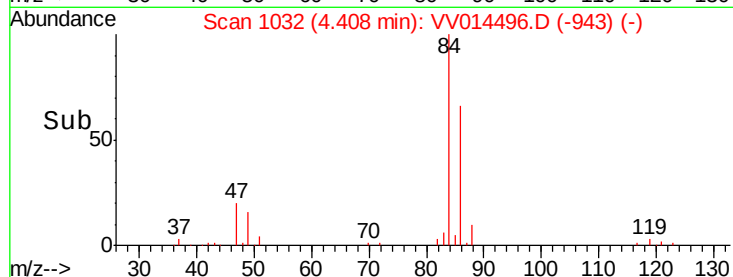
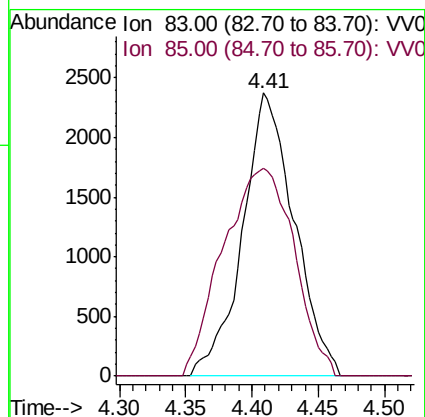
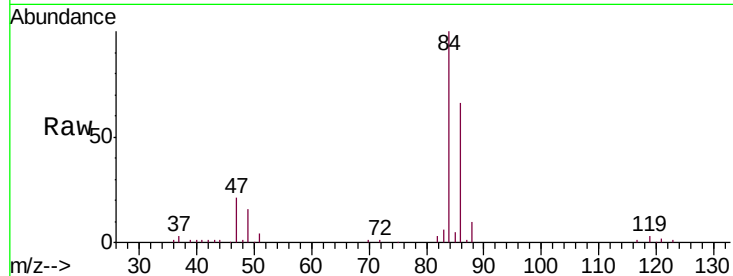




#25
Chloroform
Concen: 1.292 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VV014496.D
Acq: 04 Feb 2020 15:00

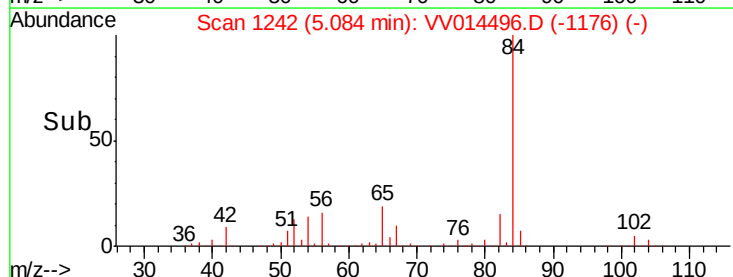
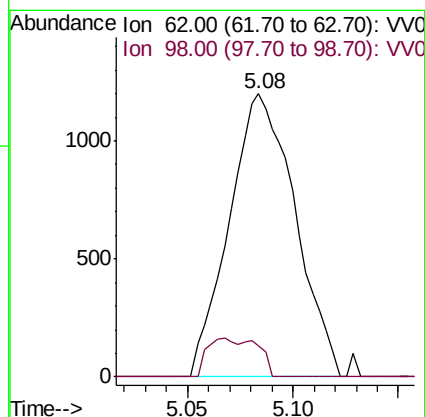
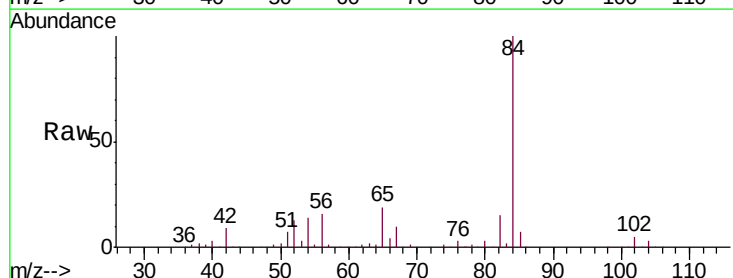
Instrument :
MSVOA_V
ClientSampleId :
GAT50ME

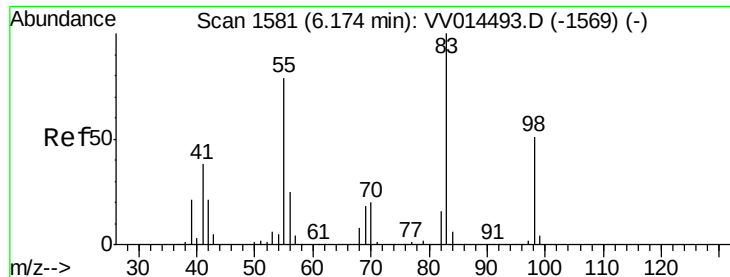
Tgt Ion: 83 Resp: 6434
Ion Ratio Lower Upper
83 100
85 73.3 45.1 83.7



#27
1,2-Dichloroethane
Concen: 0.734 ug/L
RT: 5.08 min Scan# 1242
Delta R.T. -0.09 min
Lab File: VV014496.D
Acq: 04 Feb 2020 15:00

Tgt Ion: 62 Resp: 2600
Ion Ratio Lower Upper
62 100
98 11.1 8.0 12.0





#35

Methylcyclohexane

Concen: 7.296 ug/L

RT: 6.11 min Scan# 1561

Delta R.T. -0.06 min

Lab File: VV014496.D

Acq: 04 Feb 2020 15:00

Instrument :

MSVOA_V

ClientSampleId :

GAT50ME

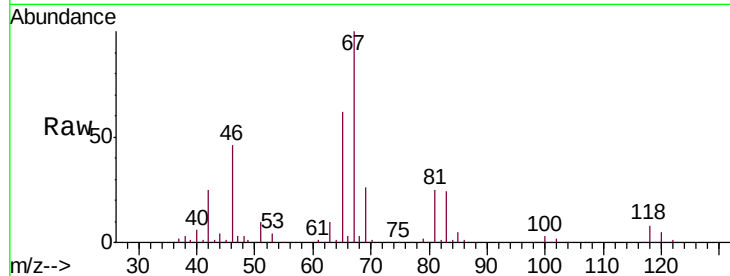
Tgt Ion: 83 Resp: 35448

Ion Ratio Lower Upper

83 100

55 0.3 60.4 90.6#

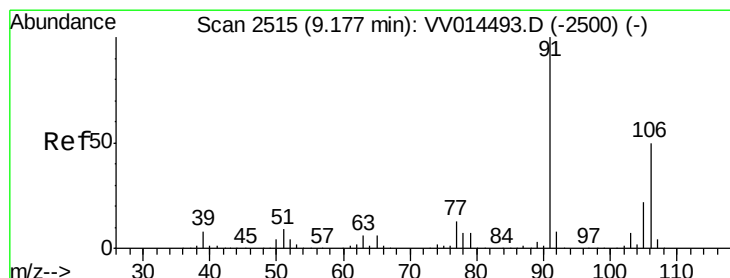
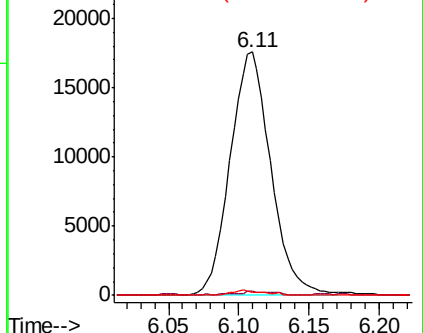
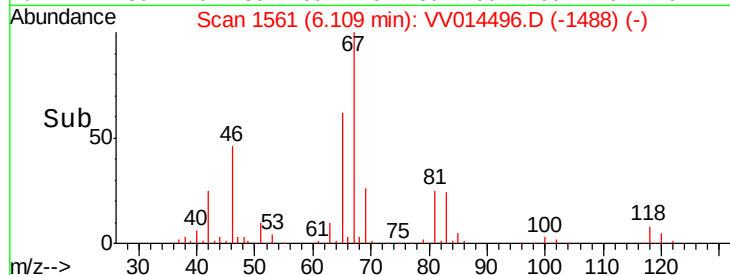
98 1.1 39.2 58.8#



Abundance Ion 83.00 (82.70 to 83.70): VV014496.D (-1488) (-)

Ion 55.00 (54.70 to 55.70): VV014496.D (-1488) (-)

Ion 98.00 (97.70 to 98.70): VV014496.D (-1488) (-)



#53

m,p-Xylene

Concen: 0.622 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV014496.D

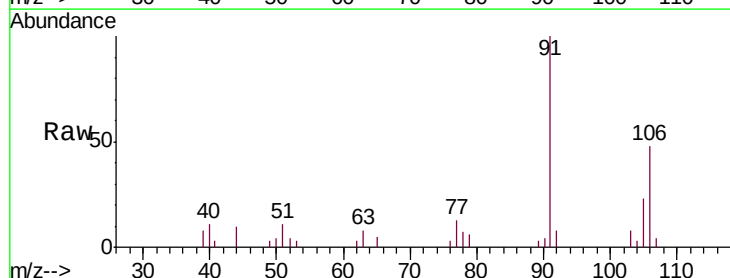
Acq: 04 Feb 2020 15:00

Tgt Ion: 106 Resp: 3160

Ion Ratio Lower Upper

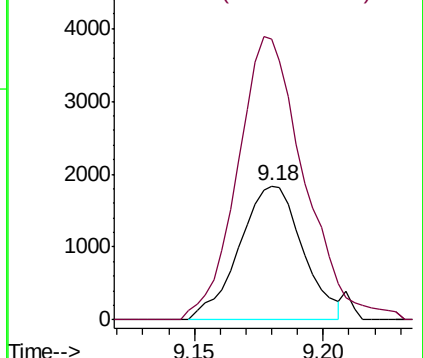
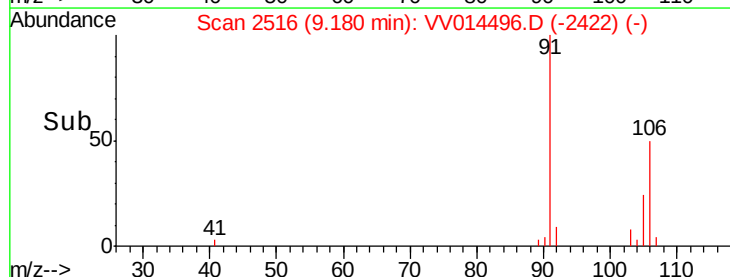
106 100

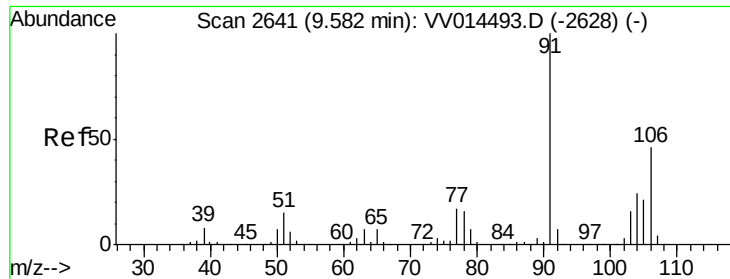
91 209.0 140.9 261.7



Abundance Ion 106.00 (105.70 to 106.70): VV014496.D (-2422) (-)

Ion 91.00 (90.70 to 91.70): VV014496.D (-2422) (-)





#54

o-xylene

Concen: 0.525 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV014496.D

Acq: 04 Feb 2020 15:00

Instrument :

MSVOA_V

ClientSampleId :

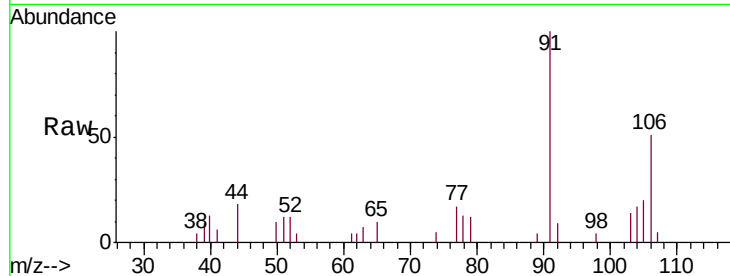
GAT50ME

Tgt Ion:106 Resp: 2644

Ion Ratio Lower Upper

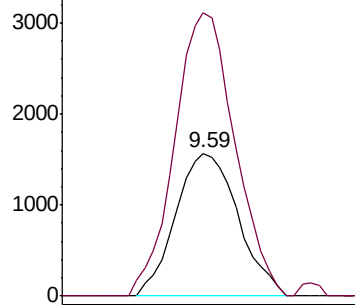
106 100

91 197.9 150.4 279.2

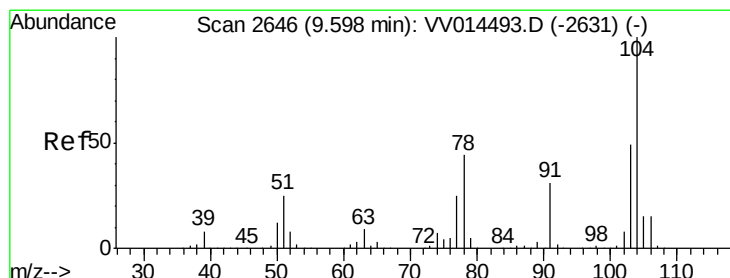
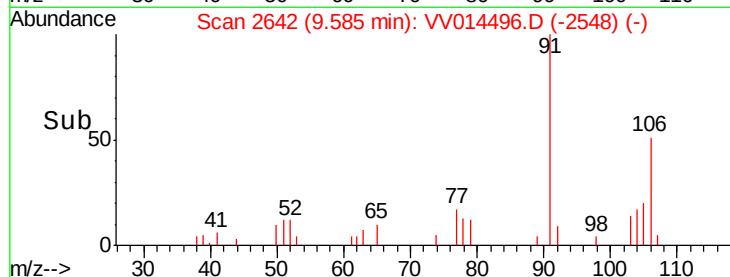


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



Time-->



#55

Styrene

Concen: 0.687 ug/L

RT: 9.61 min Scan# 2649

Delta R.T. 0.01 min

Lab File: VV014496.D

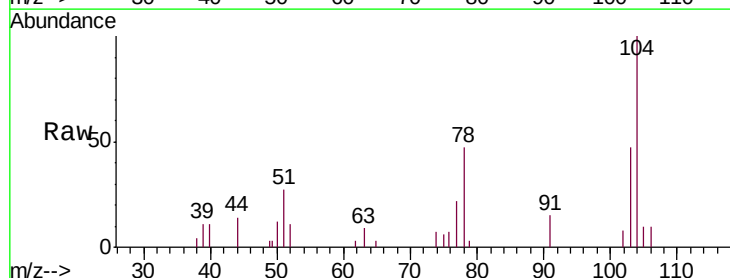
Acq: 04 Feb 2020 15:00

Tgt Ion:104 Resp: 5804

Ion Ratio Lower Upper

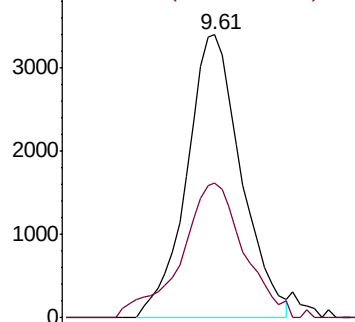
104 100

78 47.5 31.3 58.1

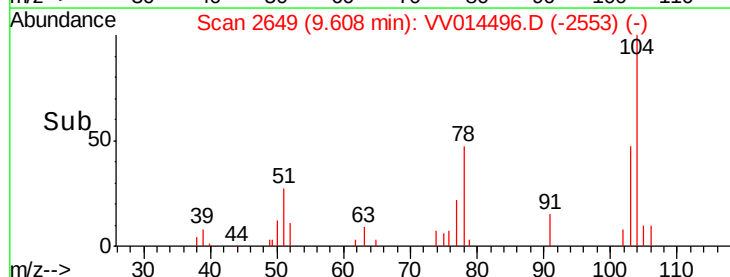


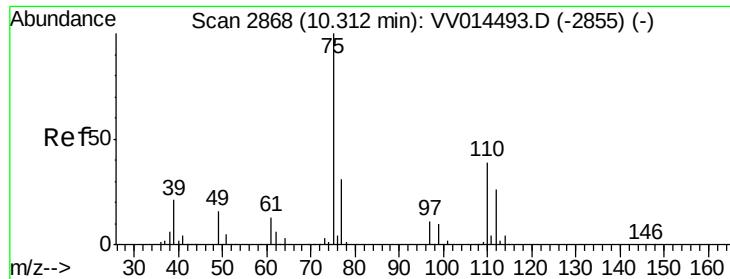
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0



Time-->

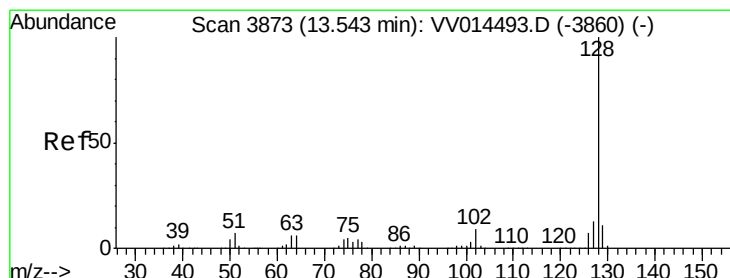
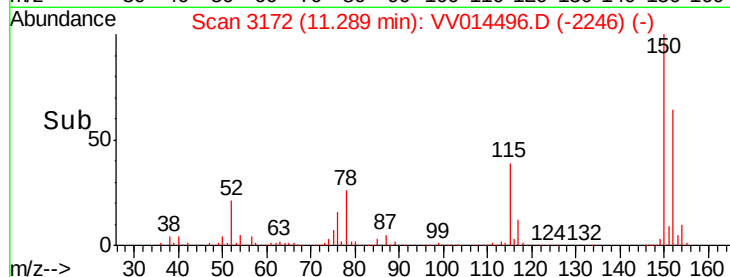
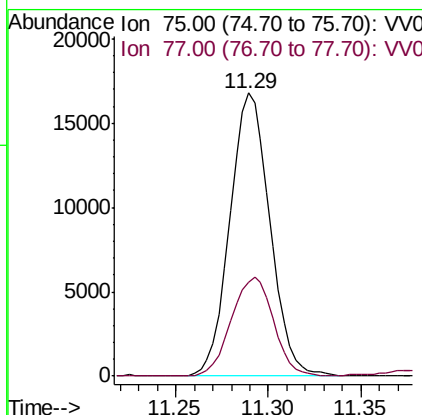
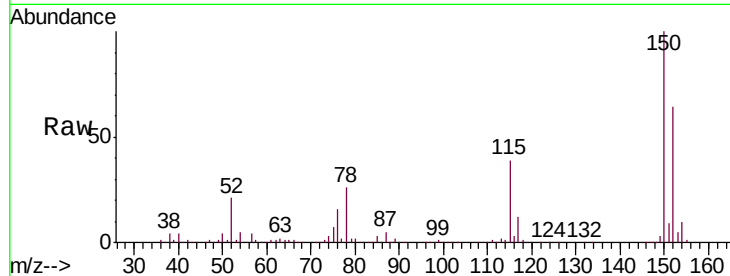




#59
 1,2,3-Trichloropropane
 Concen: 7.372 ug/L
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.98 min
 Lab File: VV014496.D
 Acq: 04 Feb 2020 15:00

Instrument :
 MSVOA_V
 ClientSampleId :
 GAT50ME

Tgt Ion: 75 Resp: 25205
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.9 38.9



#69
 Naphthalene
 Concen: 60.878 ug/L
 RT: 13.54 min Scan# 3873
 Delta R.T. -0.00 min
 Lab File: VV014496.D
 Acq: 04 Feb 2020 15:00

Tgt Ion: 128 Resp: 796994
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.2 15.4
 129 10.9 8.6 13.0

