

Data File : VU032913.D
Acq On : 20 Jun 2019 20:26
Operator : JC/SP
Sample : K3414-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALM3

Quant Time: Jun 21 07:40:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 07:36:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	87649	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	85985	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43671	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	21564	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.68	69	19570	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.27	63	35732	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.19	46	90765	57.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.14%
24) Chloroform-d	4.64	84	53522	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.30	65	31504	5.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.20%
32) Benzene-d6	5.33	84	94724	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.32	67	31932	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.56	98	83950	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.85	79	12508	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.31	63	65262	46.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29093	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	37691	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

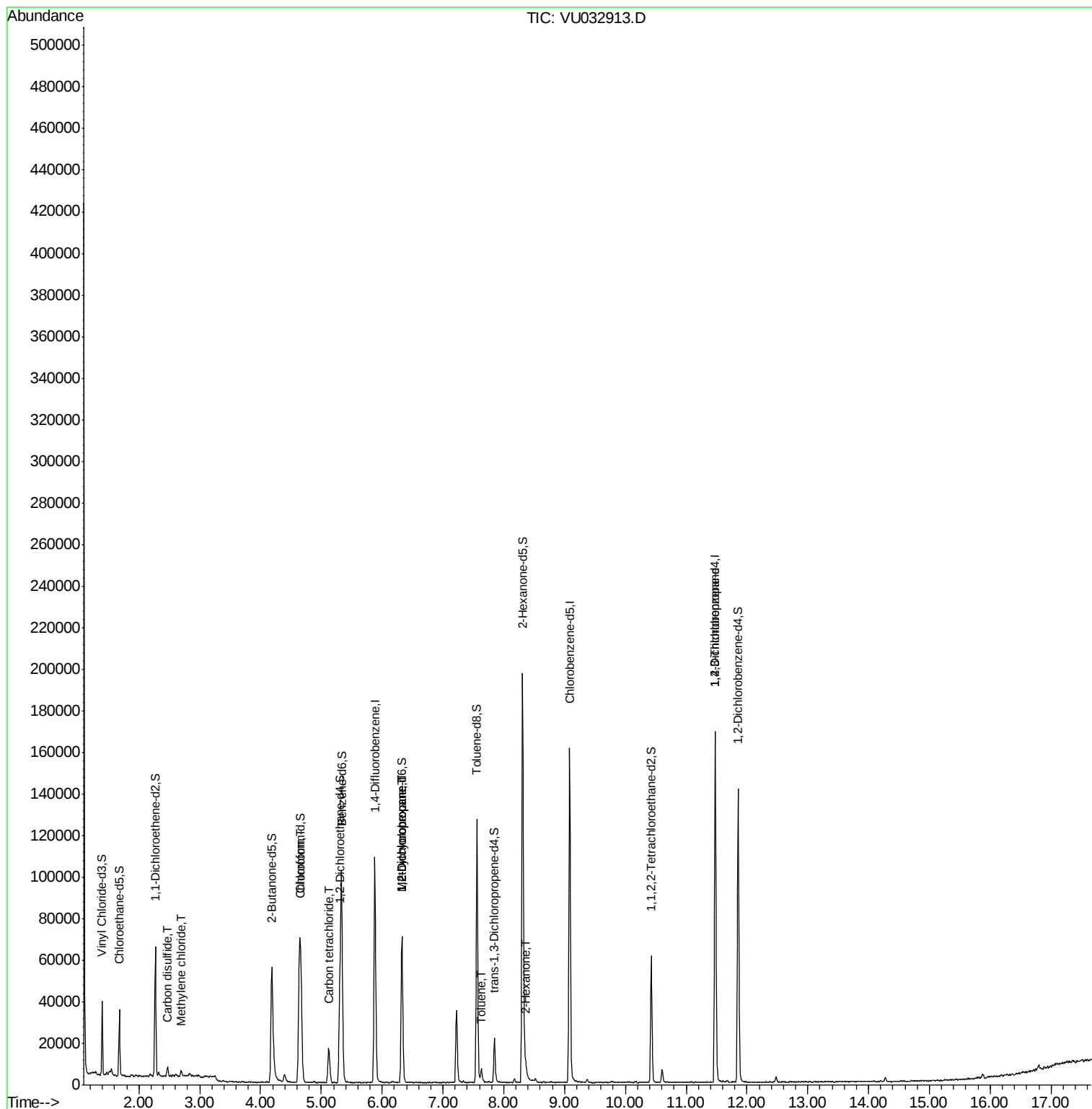
					Qvalue
14) Carbon disulfide	2.47	76	5234	0.293 ug/L #	92
16) Methylene chloride	2.69	84	928	0.150 ug/L	96
25) Chloroform	4.67	83	41072	3.738 ug/L	100
31) Carbon tetrachloride	5.13	117	11563	1.214 ug/L	98
35) Methylcyclohexane	6.32	83	7902	0.674 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	3736	0.570 ug/L #	89
42) Toluene	7.63	91	5156	0.182 ug/L	97
48) 2-Hexanone	8.37	43	3747	1.123 ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	6122	1.421 ug/L	97

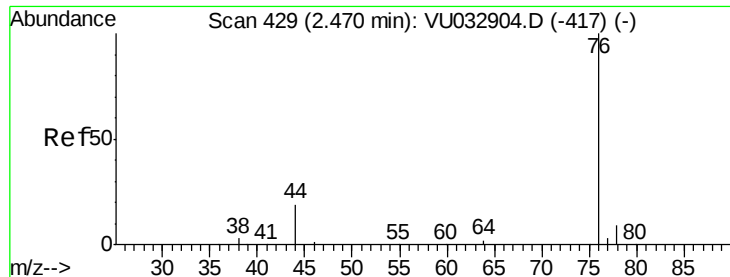
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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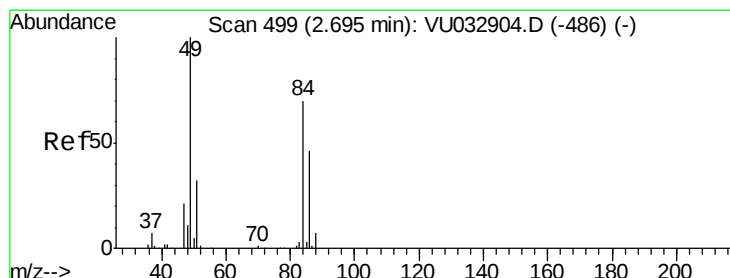
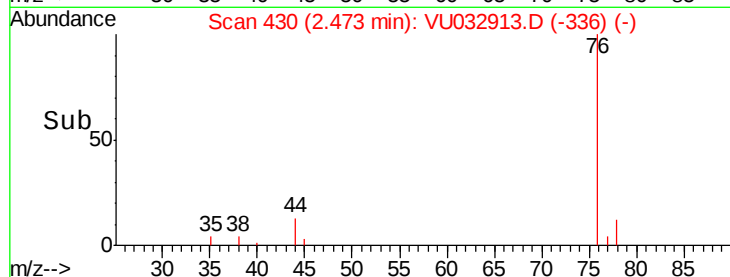
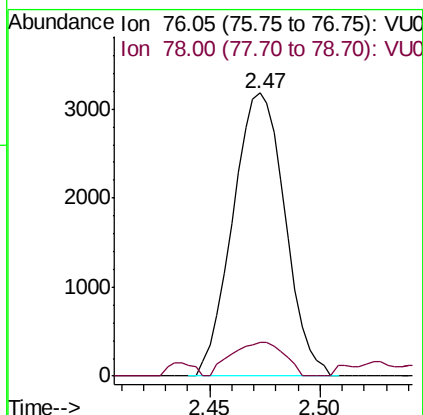
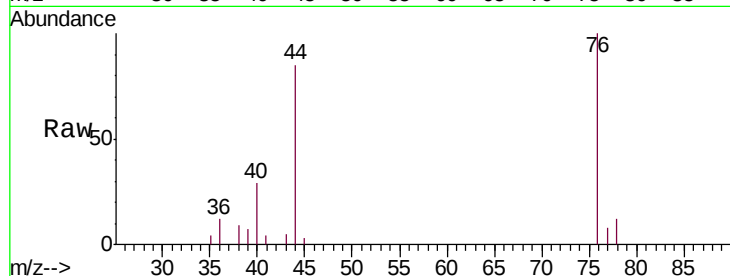




#14
Carbon disulfide
Concen: 0.293 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.00 min
Lab File: VU032913.D
Acq: 20 Jun 2019 20:26

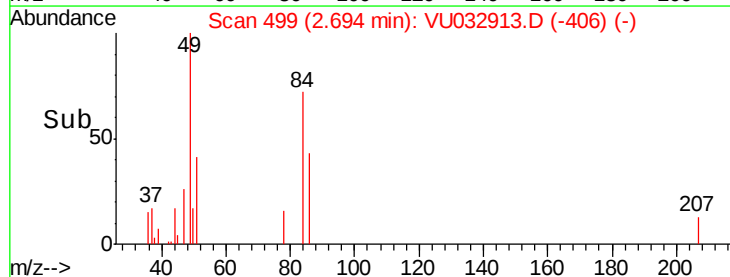
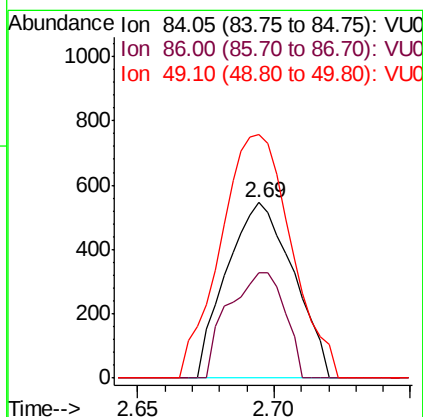
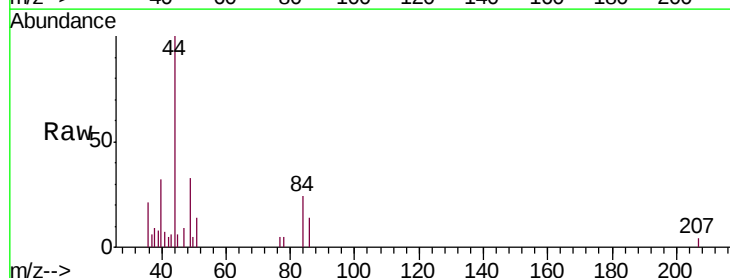
Instrument :
MSVOA_U
ClientSampled :
GALM3

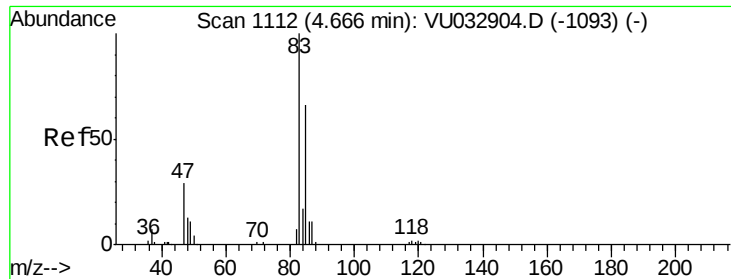
Tgt Ion: 76 Resp: 5234
Ion Ratio Lower Upper
76 100
78 12.0 7.3 10.9#



#16
Methylene chloride
Concen: 0.150 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU032913.D
Acq: 20 Jun 2019 20:26

Tgt Ion: 84 Resp: 928
Ion Ratio Lower Upper
84 100
86 60.0 47.2 87.6
49 138.9 95.9 178.1





#25

Chloroform

Concen: 3.738 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU032913.D

Acq: 20 Jun 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

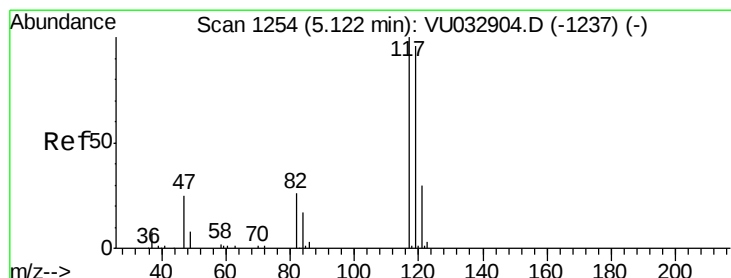
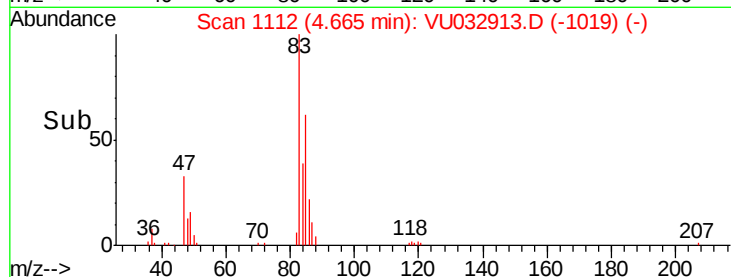
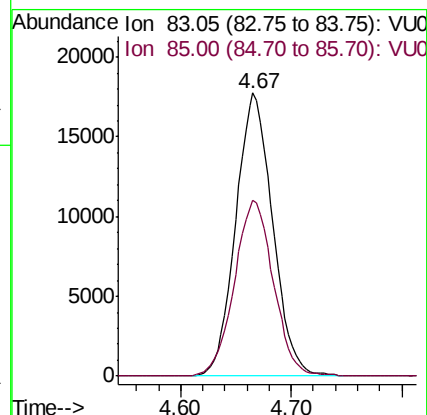
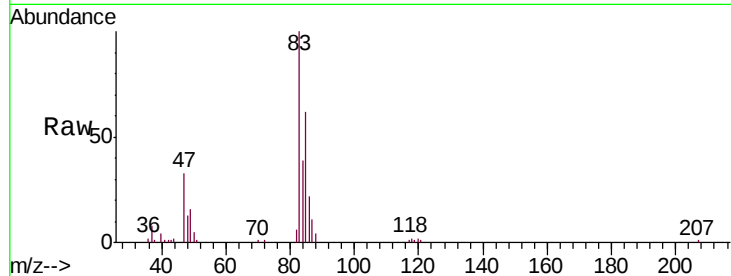
GALM3

Tgt Ion: 83 Resp: 41072

Ion Ratio Lower Upper

83 100

85 62.2 43.8 81.3



#31

Carbon tetrachloride

Concen: 1.214 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VU032913.D

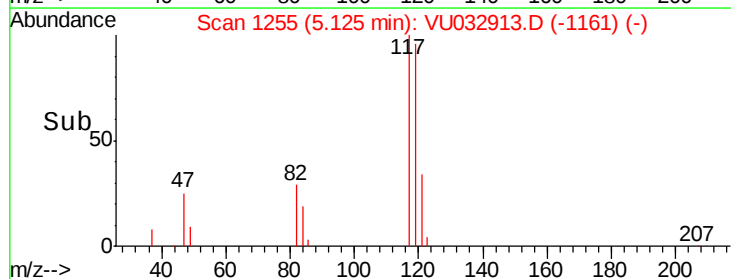
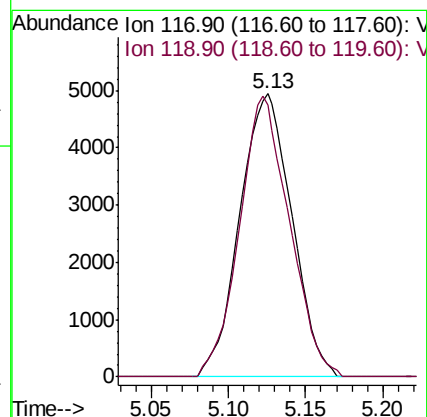
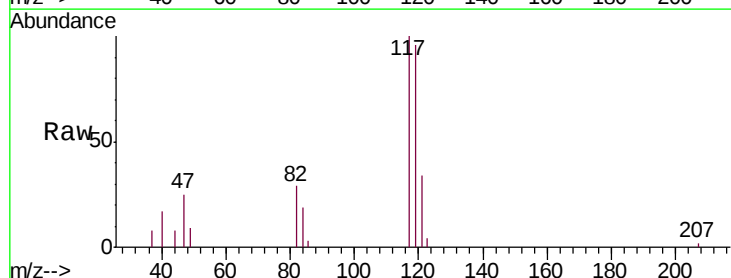
Acq: 20 Jun 2019 20:26

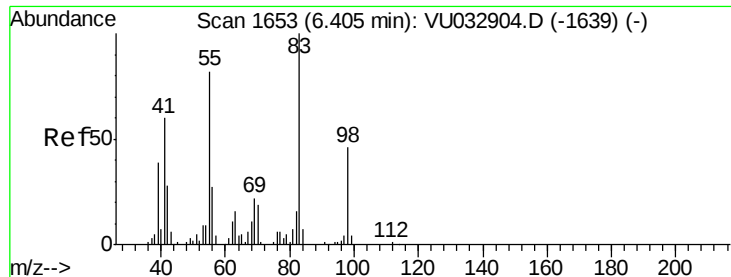
Tgt Ion: 117 Resp: 11563

Ion Ratio Lower Upper

117 100

119 95.1 77.8 116.6

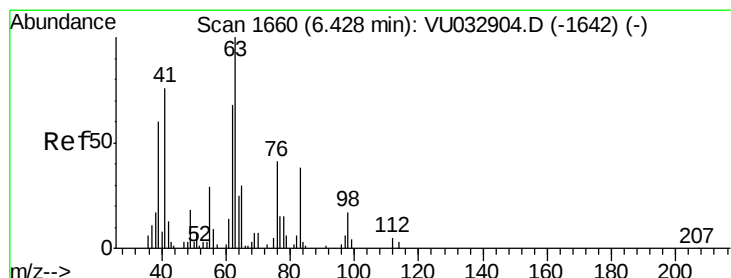
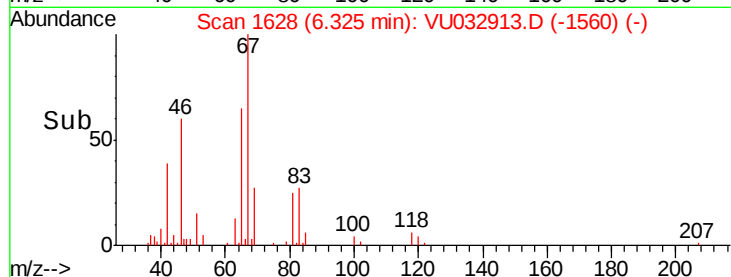
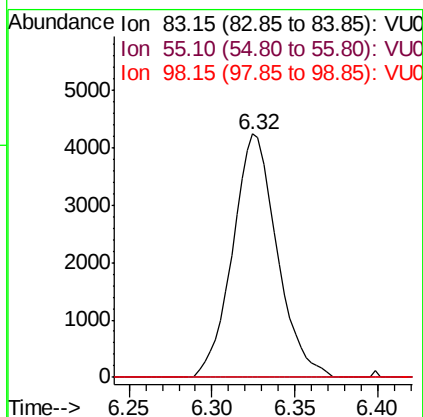
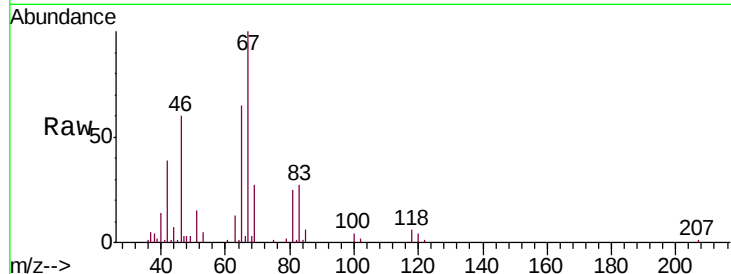




#35
Methylcyclohexane
Concen: 0.674 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032913.D
Acq: 20 Jun 2019 20:26

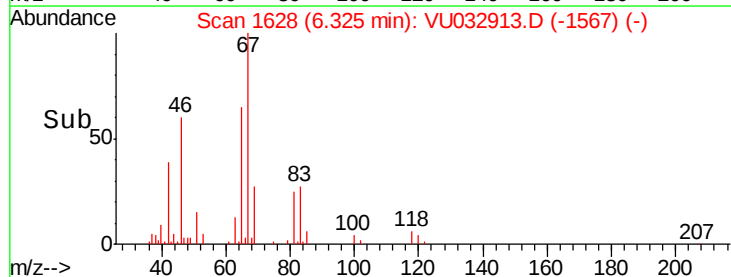
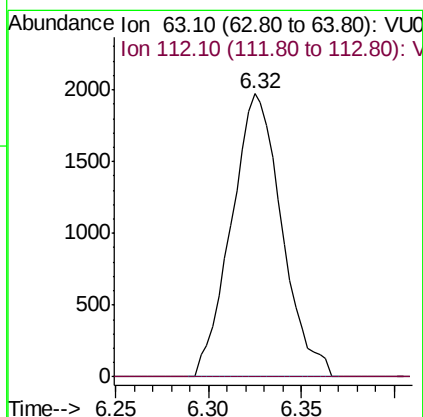
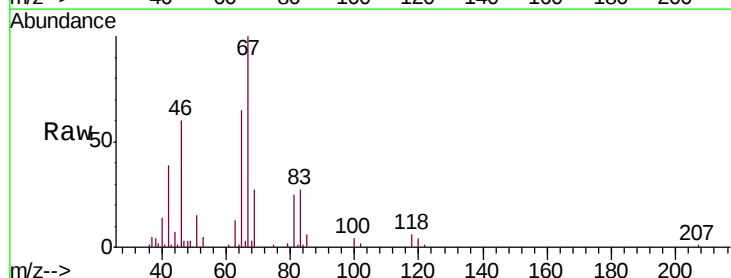
Instrument :
MSVOA_U
ClientSampleId :
GALM3

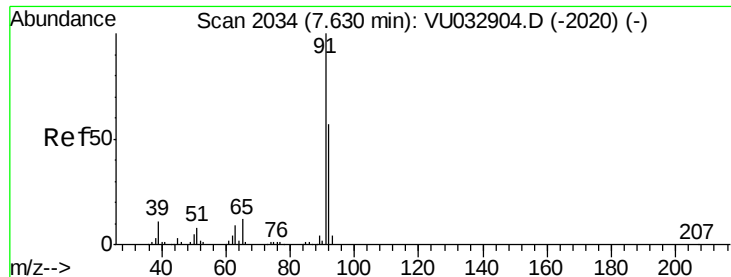
Tgt Ion: 83 Resp: 7902
Ion Ratio Lower Upper
83 100
55 0.0 60.0 90.0#
98 1.5 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.570 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032913.D
Acq: 20 Jun 2019 20:26

Tgt Ion: 63 Resp: 3736
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#





#42

Toluene

Concen: 0.182 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU032913.D

Acq: 20 Jun 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

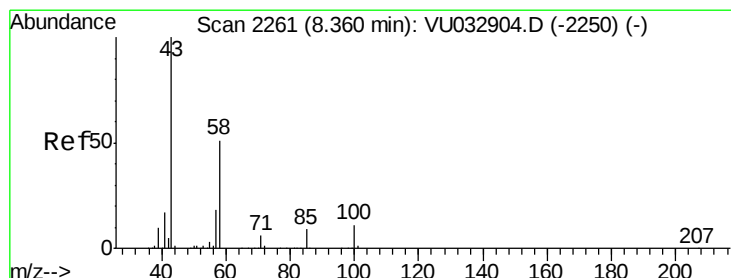
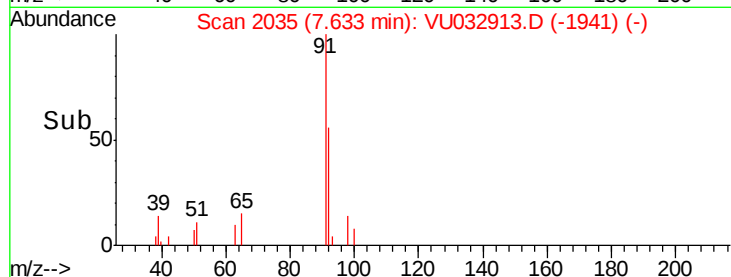
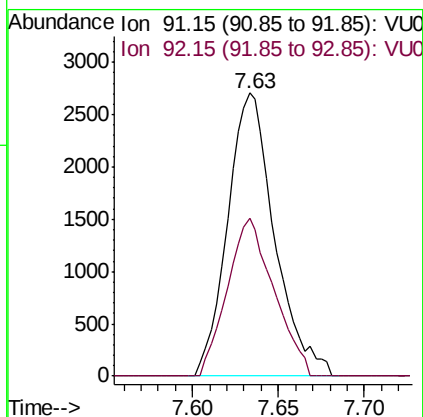
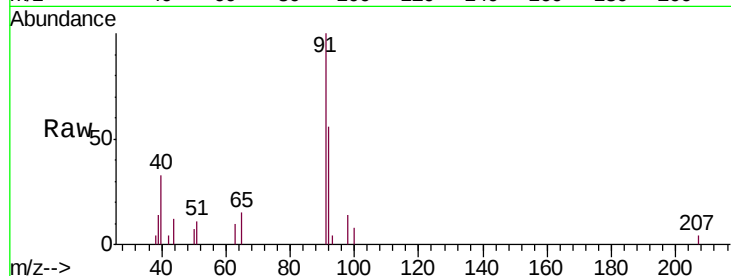
GALM3

Tgt Ion: 91 Resp: 5156

Ion Ratio Lower Upper

91 100

92 55.8 40.9 75.9



#48

2-Hexanone

Concen: 1.123 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU032913.D

Acq: 20 Jun 2019 20:26

Tgt Ion: 43 Resp: 3747

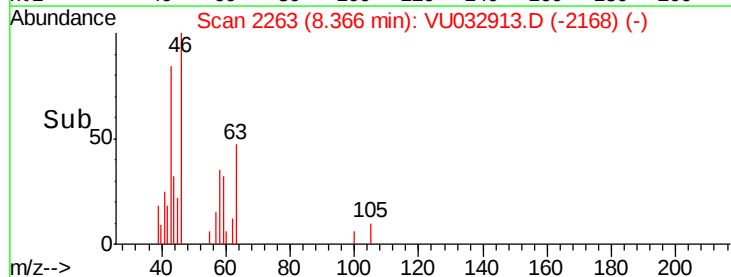
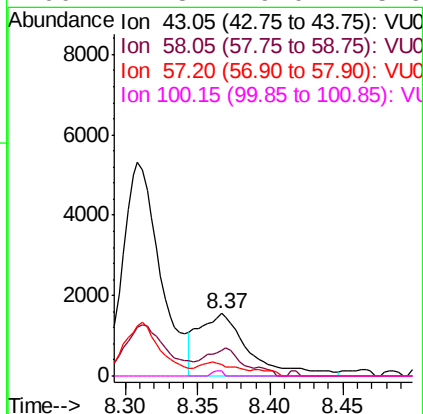
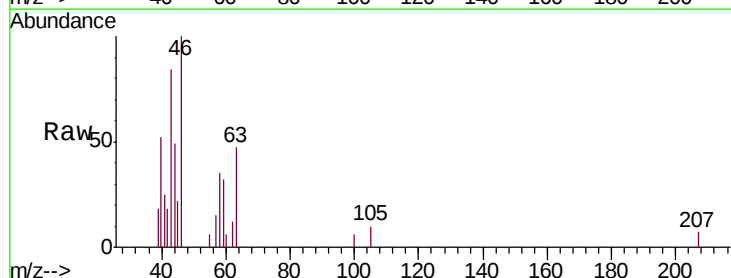
Ion Ratio Lower Upper

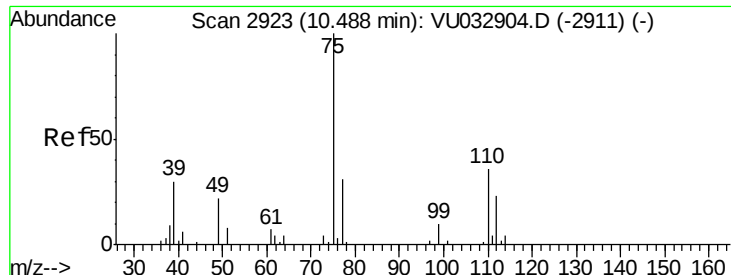
43 100

58 34.4 41.9 62.9#

57 8.8 15.1 22.7#

100 1.8 9.0 13.6#





#59

1,2,3-Trichloropropane

Concen: 1.421 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032913.D

Acq: 20 Jun 2019 20:26

Instrument :

MSVOA_U

ClientSampleId :

GALM3

Tgt Ion: 75 Resp: 6122

Ion Ratio Lower Upper

75 100

77 33.3 25.3 37.9

