

Data File : VU032931.D
Acq On : 21 Jun 2019 09:42
Operator : JC/SP
Sample : K3413-19DL2 1000X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALG7DL2

Quant Time: Jun 21 23:27:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 23:24:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	81760	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	82220	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43348	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	19094	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.68	69	18125	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.27	63	32227	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	4.18	46	91259	61.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.02%
24) Chloroform-d	4.64	84	47671	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.31	65	29024	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.80%
32) Benzene-d6	5.33	84	86245	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.32	67	30199	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.56	98	75734	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.85	79	12228	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.31	63	63510	47.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	27733	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	35783	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

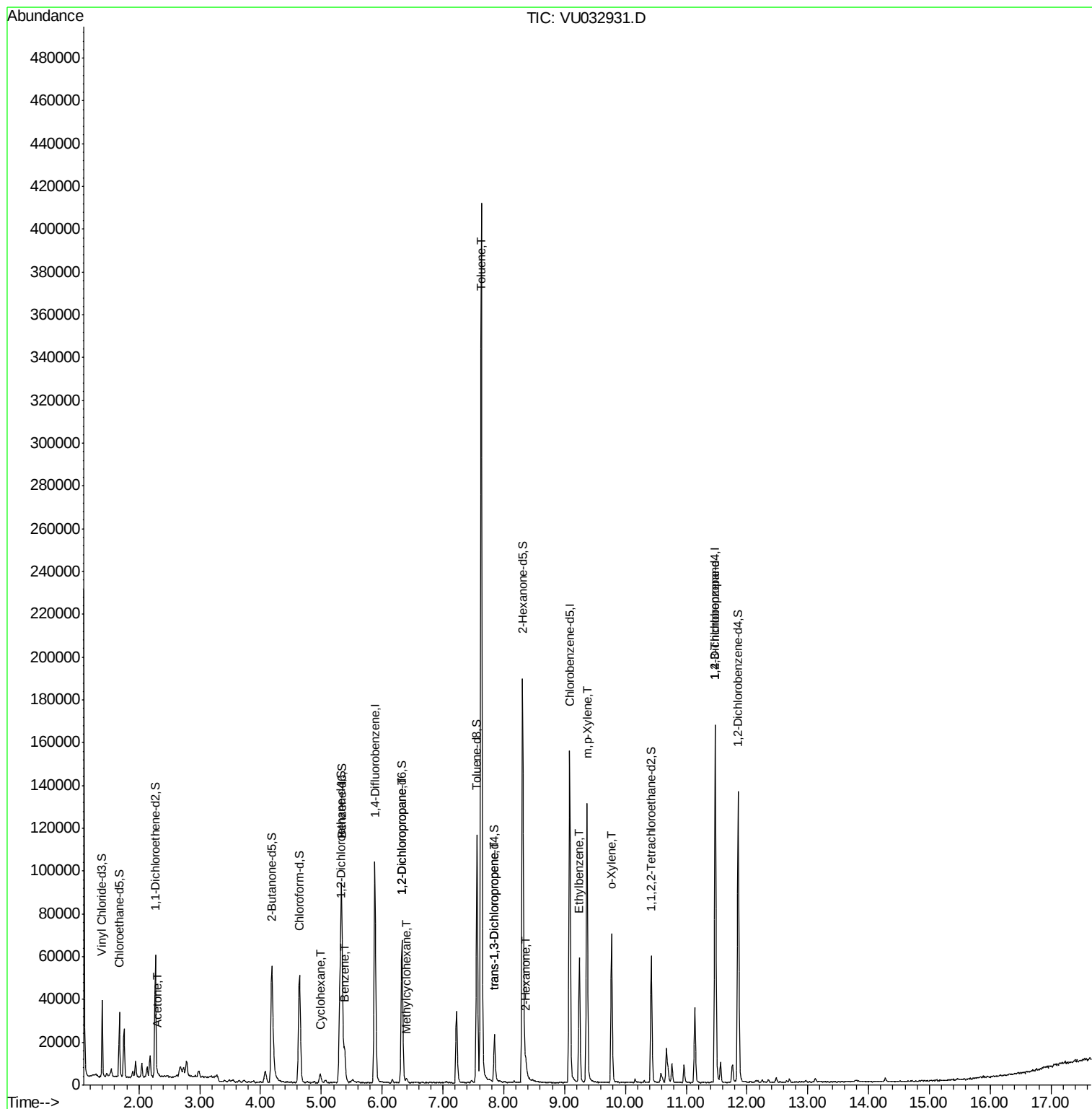
					Qvalue
13) Acetone	2.31	43	1785	1.550	ug/L 66
30) Cyclohexane	4.99	56	1710	0.161	ug/L # 95
33) Benzene	5.38	78	15873	0.655	ug/L 100
35) Methylcyclohexane	6.40	83	849	0.076	ug/L # 73
37) 1,2-Dichloropropane	6.32	63	3671	0.585	ug/L # 89
42) Toluene	7.63	91	288893	10.693	ug/L 97
44) trans-1,3-Dichloropropene	7.85	75	639	0.083	ug/L 94
48) 2-Hexanone	8.37	43	3719	1.166	ug/L # 94
52) Ethylbenzene	9.24	91	38687	1.299	ug/L 98
53) m,p-Xylene	9.37	106	36106	3.199	ug/L 96
54) o-Xylene	9.77	106	17580	1.560	ug/L 97
59) 1,2,3-Trichloropropane	11.48	75	5703	1.385	ug/L 90

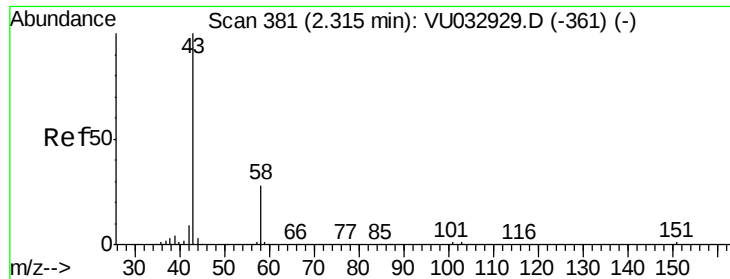
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#13

Acetone

Concen: 1.550 ug/L

RT: 2.31 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU032931.D

Acq: 21 Jun 2019 09:42

Instrument :

MSVOA_U

ClientSampleId :

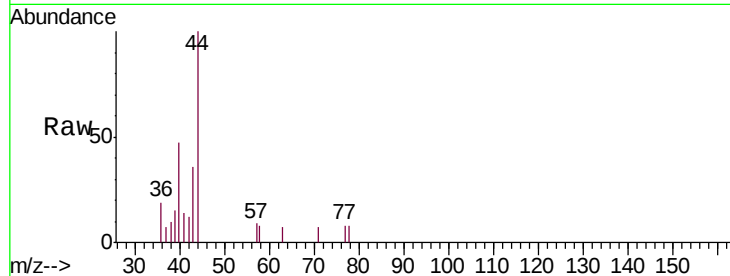
GALG7DL2

Tgt Ion: 43 Resp: 1785

Ion Ratio Lower Upper

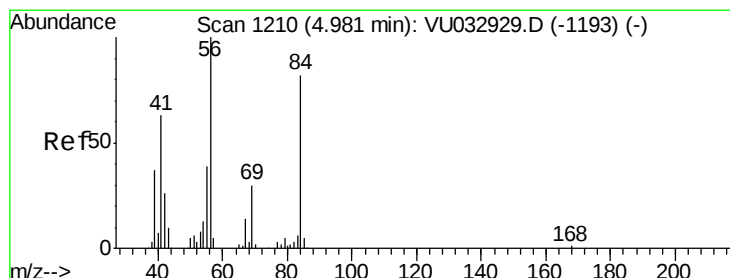
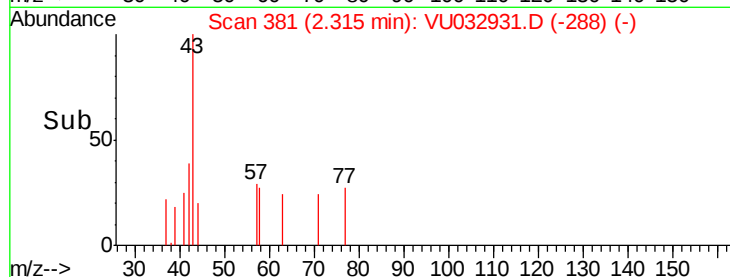
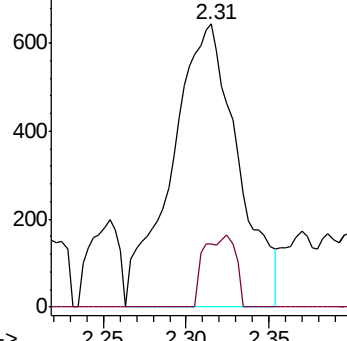
43 100

58 12.1 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#30

Cyclohexane

Concen: 0.161 ug/L

RT: 4.99 min Scan# 1212

Delta R.T. 0.01 min

Lab File: VU032931.D

Acq: 21 Jun 2019 09:42

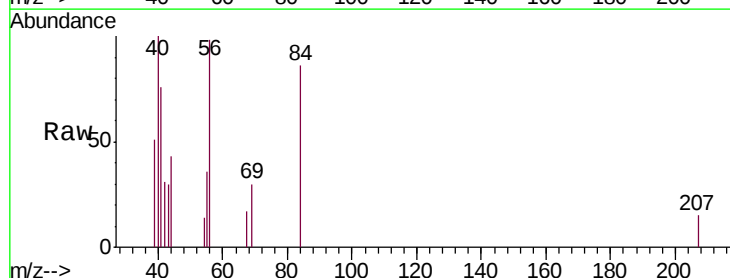
Tgt Ion: 56 Resp: 1710

Ion Ratio Lower Upper

56 100

69 22.6 24.9 37.3#

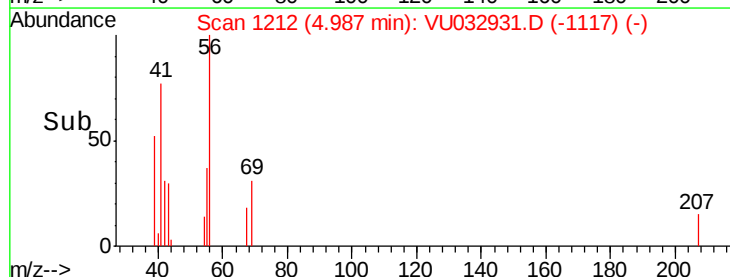
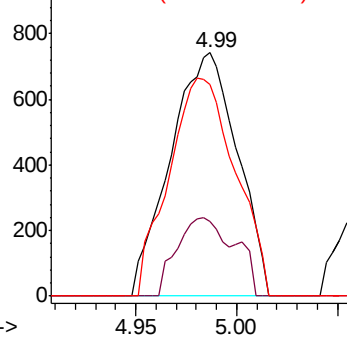
84 88.7 70.2 105.2

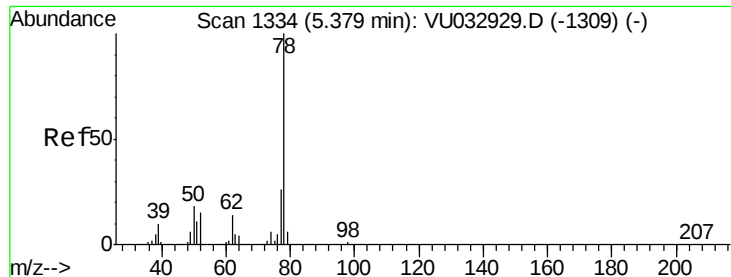


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0

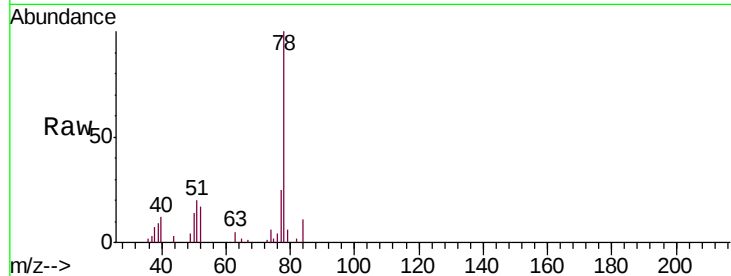




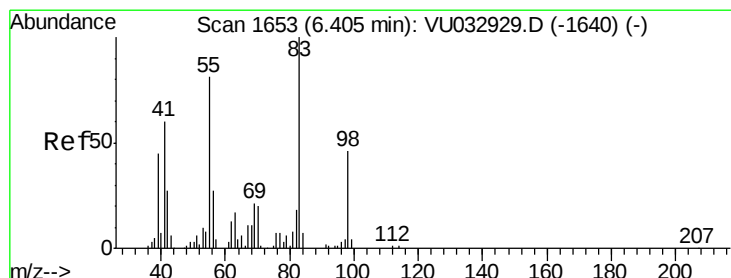
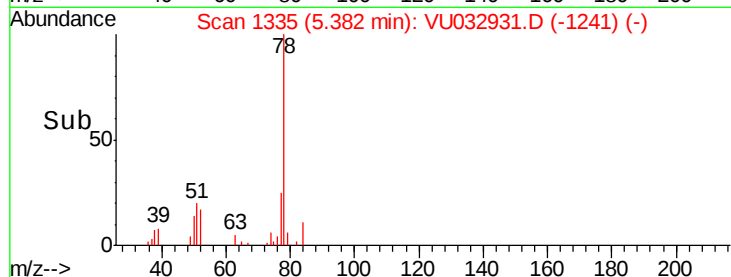
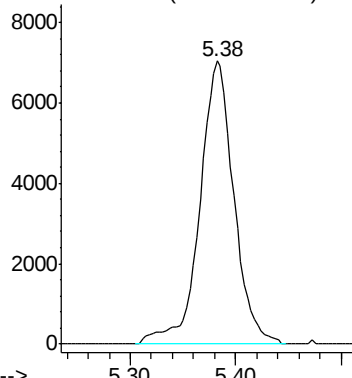
#33
Benzene
Concen: 0.655 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU032931.D
Acq: 21 Jun 2019 09:42

Tgt Ion: 78 Resp: 15873

Instrument :
MSVOA_U
ClientSampleId :
GALG7DL2



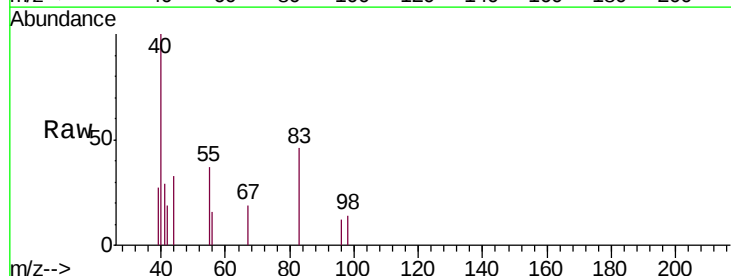
Abundance Ion 78.10 (77.80 to 78.80): VU0



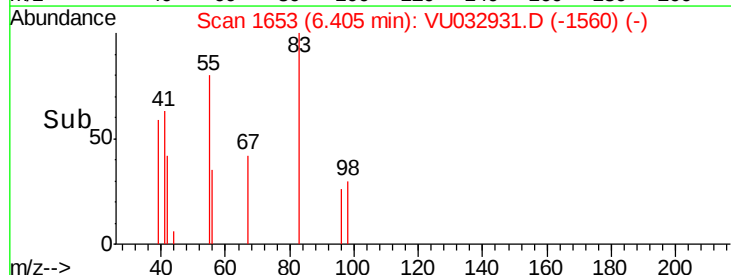
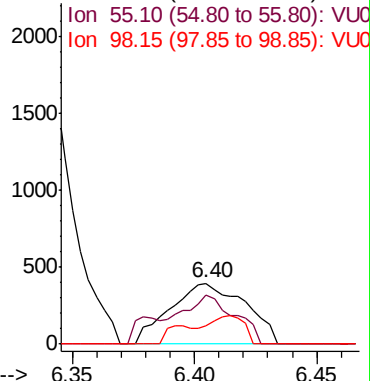
#35
Methylcyclohexane
Concen: 0.076 ug/L
RT: 6.40 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VU032931.D
Acq: 21 Jun 2019 09:42

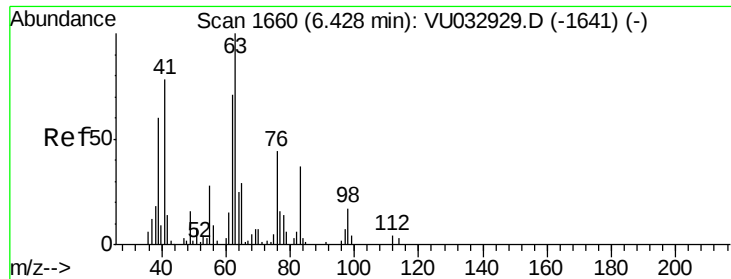
Tgt Ion: 83 Resp: 849

Ion	Ratio	Lower	Upper
83	100		
55	58.4	60.0	90.0#
98	21.2	37.8	56.8#



Abundance Ion 83.15 (82.85 to 83.85): VU0





#37

1,2-Dichloropropane

Concen: 0.585 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032931.D

Acq: 21 Jun 2019 09:42

Instrument :

MSVOA_U

ClientSampleId :

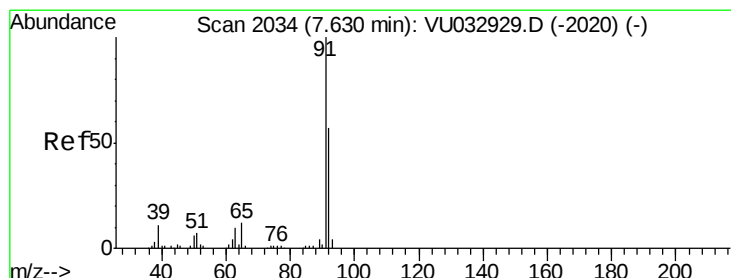
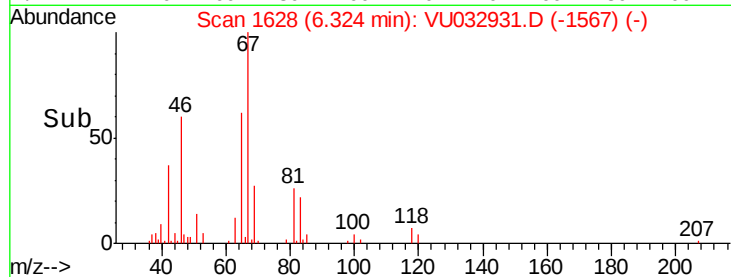
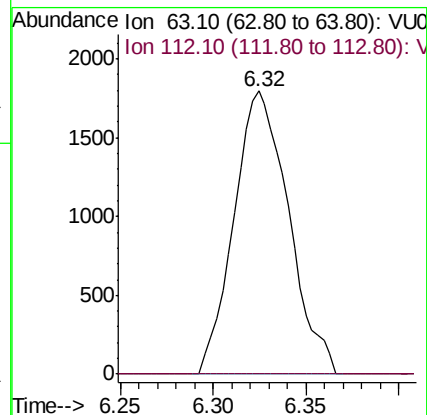
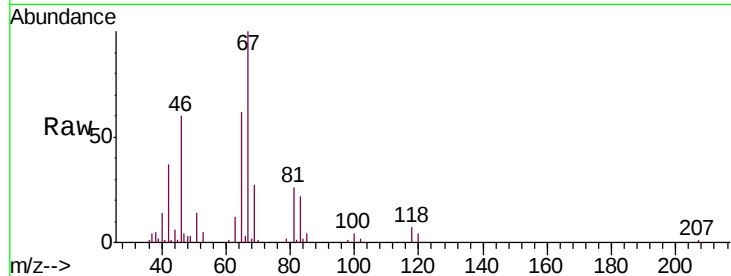
GALG7DL2

Tgt Ion: 63 Resp: 3671

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#42

Toluene

Concen: 10.693 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032931.D

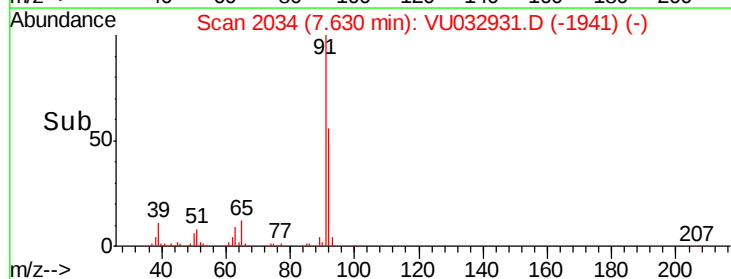
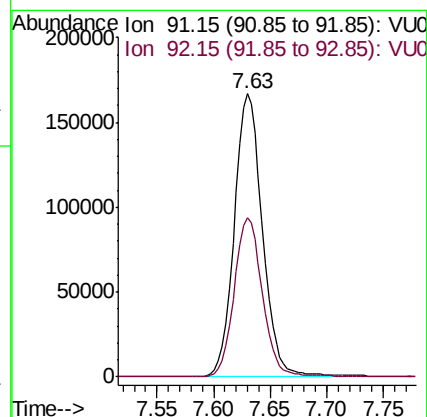
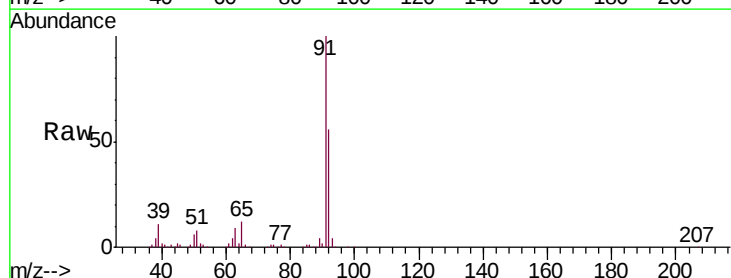
Acq: 21 Jun 2019 09:42

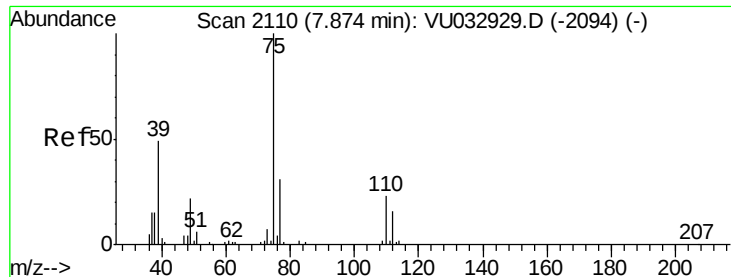
Tgt Ion: 91 Resp: 288893

Ion Ratio Lower Upper

91 100

92 56.3 40.9 75.9

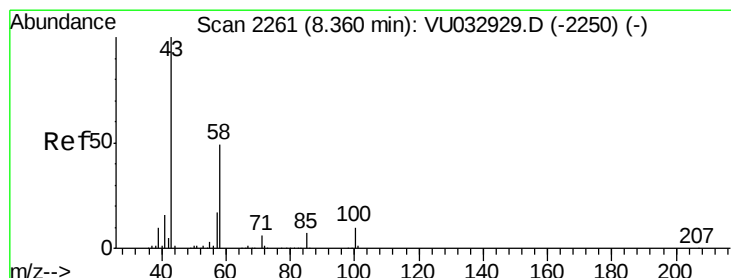
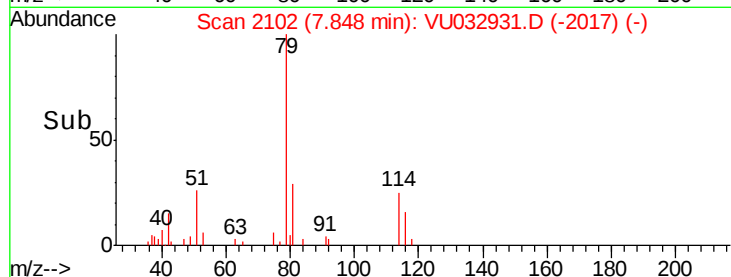
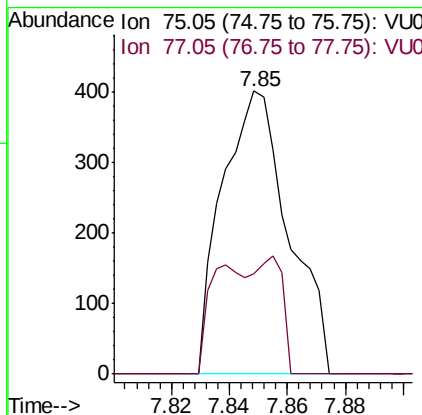
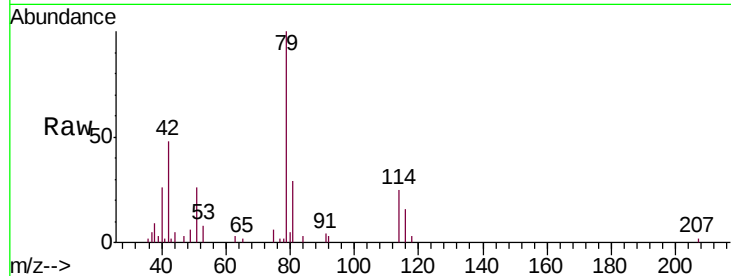




#44
 trans-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032931.D
 Acq: 21 Jun 2019 09:42

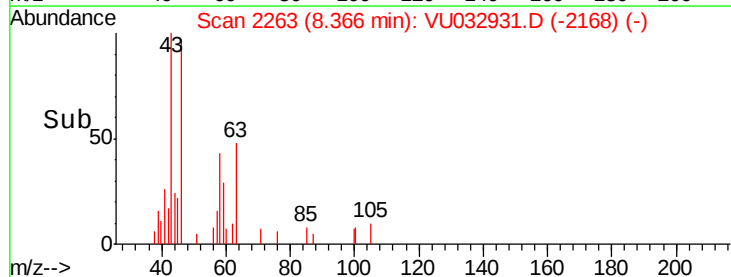
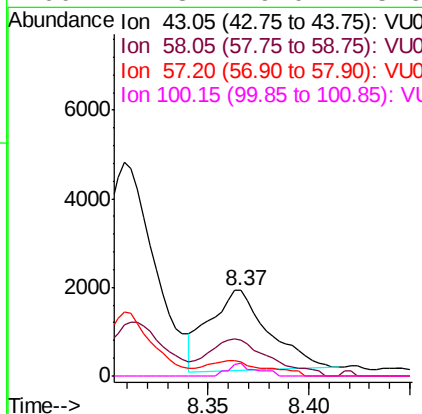
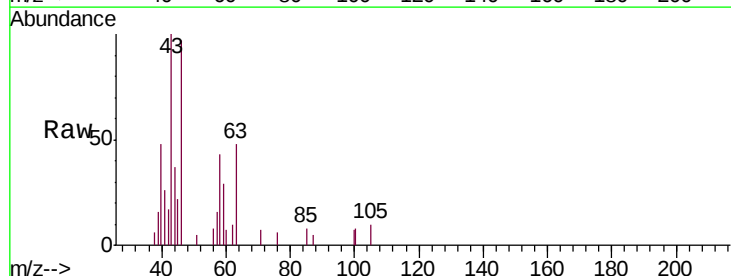
Instrument :
 MSVOA_U
 ClientSampleId :
 GALG7DL2

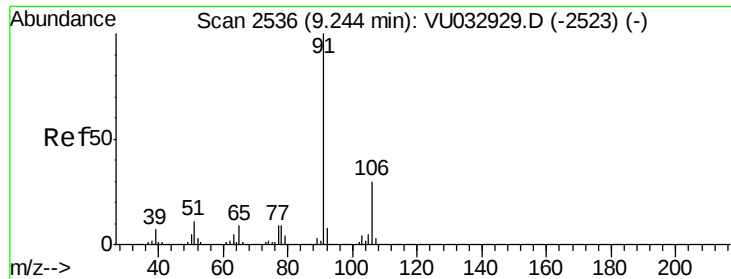
Tgt Ion: 75 Resp: 639
 Ion Ratio Lower Upper
 75 100
 77 35.3 22.5 41.7



#48
 2-Hexanone
 Concen: 1.166 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU032931.D
 Acq: 21 Jun 2019 09:42

Tgt Ion: 43 Resp: 3719
 Ion Ratio Lower Upper
 43 100
 58 47.8 41.9 62.9
 57 19.5 15.1 22.7
 100 7.3 9.0 13.6#





#52

Ethylbenzene

Concen: 1.299 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. -0.00 min

Lab File: VU032931.D

Acq: 21 Jun 2019 09:42

Instrument :

MSVOA_U

ClientSampleId :

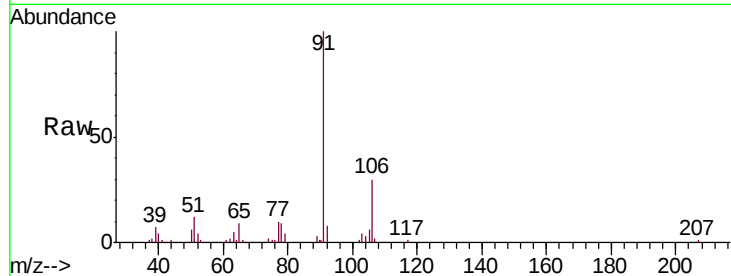
GALG7DL2

Tgt Ion: 91 Resp: 38687

Ion Ratio Lower Upper

91 100

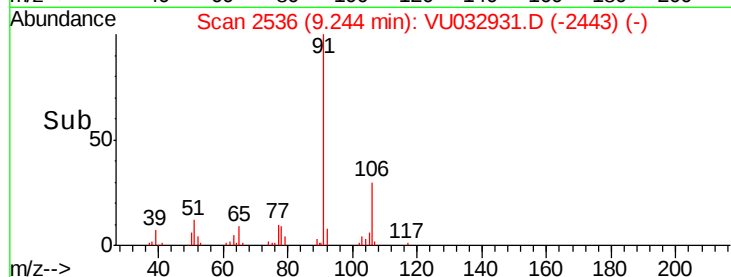
106 30.1 21.8 40.6



Abundance Ion 91.15 (90.85 to 91.85): VU032929.D (-2523) (-)

Ion 106.15 (105.85 to 106.85): VU032929.D (-2523) (-)

Time-->

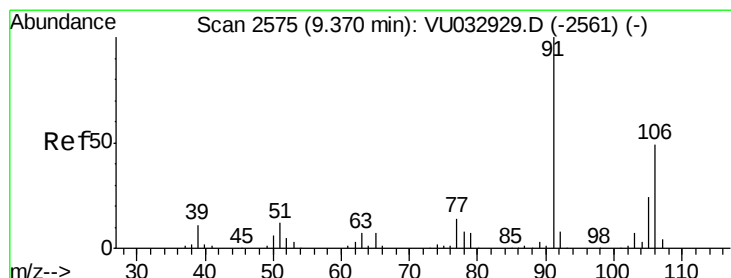


Abundance

Ion 91.15 (90.85 to 91.85): VU032931.D (-2443) (-)

Ion 106.15 (105.85 to 106.85): VU032931.D (-2443) (-)

Time-->



#53

m,p-Xylene

Concen: 3.199 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032931.D

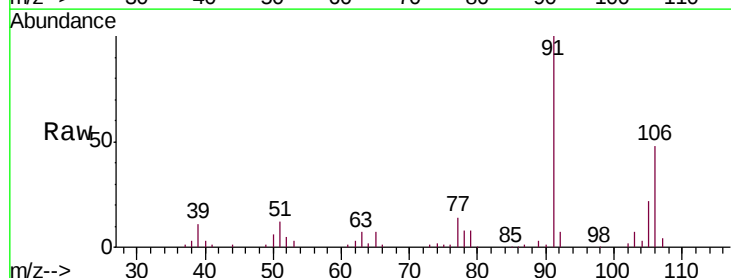
Acq: 21 Jun 2019 09:42

Tgt Ion: 106 Resp: 36106

Ion Ratio Lower Upper

106 100

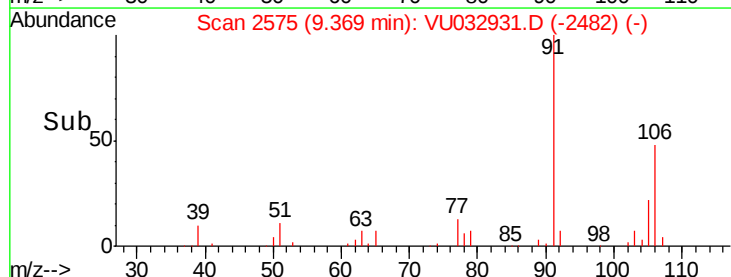
91 208.9 142.4 264.4



Abundance Ion 106.15 (105.85 to 106.85): VU032929.D (-2561) (-)

Ion 91.15 (90.85 to 91.85): VU032929.D (-2561) (-)

Time-->

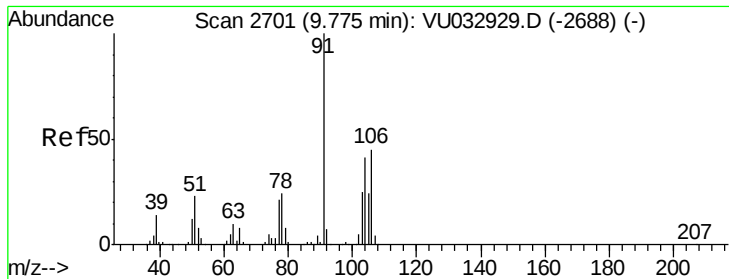


Abundance

Ion 106.15 (105.85 to 106.85): VU032931.D (-2482) (-)

Ion 91.15 (90.85 to 91.85): VU032931.D (-2482) (-)

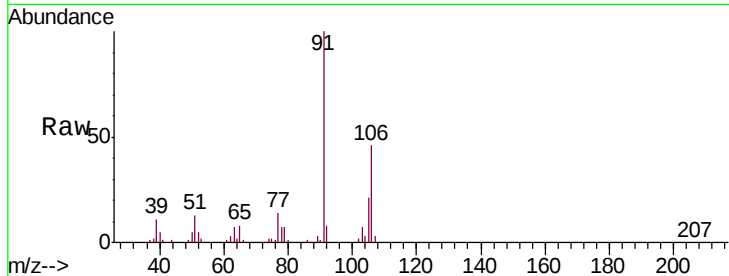
Time-->



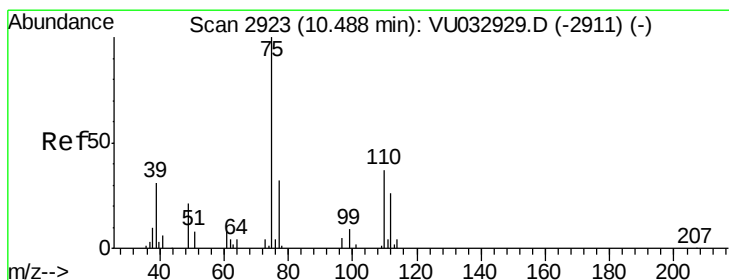
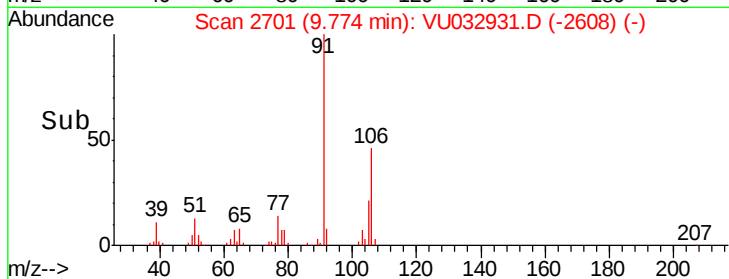
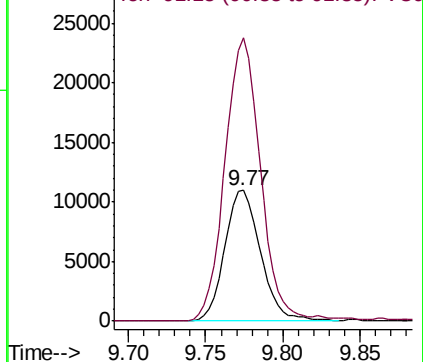
#54
o-Xylene
Concen: 1.560 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU032931.D
Acq: 21 Jun 2019 09:42

Instrument :
MSVOA_U
ClientSampleId :
GALG7DL2

Tgt Ion: 106 Resp: 17580
Ion Ratio Lower Upper
106 100
91 216.6 148.8 276.4

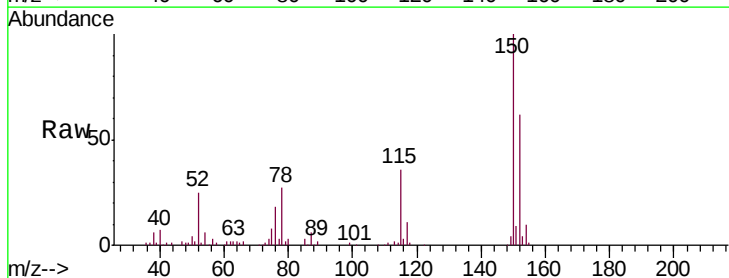


Abundance Ion 106.15 (105.85 to 106.85): VU032929.D (-2688) (-)
Ion 91.15 (90.85 to 91.85): VU032929.D (-2688) (-)



#59
1,2,3-Trichloropropane
Concen: 1.385 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032931.D
Acq: 21 Jun 2019 09:42

Tgt Ion: 75 Resp: 5703
Ion Ratio Lower Upper
75 100
77 37.3 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU032929.D (-2911) (-)
Ion 77.00 (76.70 to 77.70): VU032929.D (-2911) (-)

