

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060419\
 Data File : VU032444.D
 Acq On : 04 Jun 2019 22:02
 Operator : JC/SP
 Sample : K3081-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALD7

Quant Time: Jun 05 00:25:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 22:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	95829	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	88395	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45075	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	31137	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.67	69	25787	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.27	63	49247	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.18	46	89772	51.63	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.26%
24) Chloroform-d	4.64	84	56700	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.31	65	31162	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.33	84	118774	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.32	67	36605	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.56	98	112678	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
43) trans-1,3-Dichloropropene-	7.85	79	14048	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.31	63	73506	50.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29860	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	45082	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

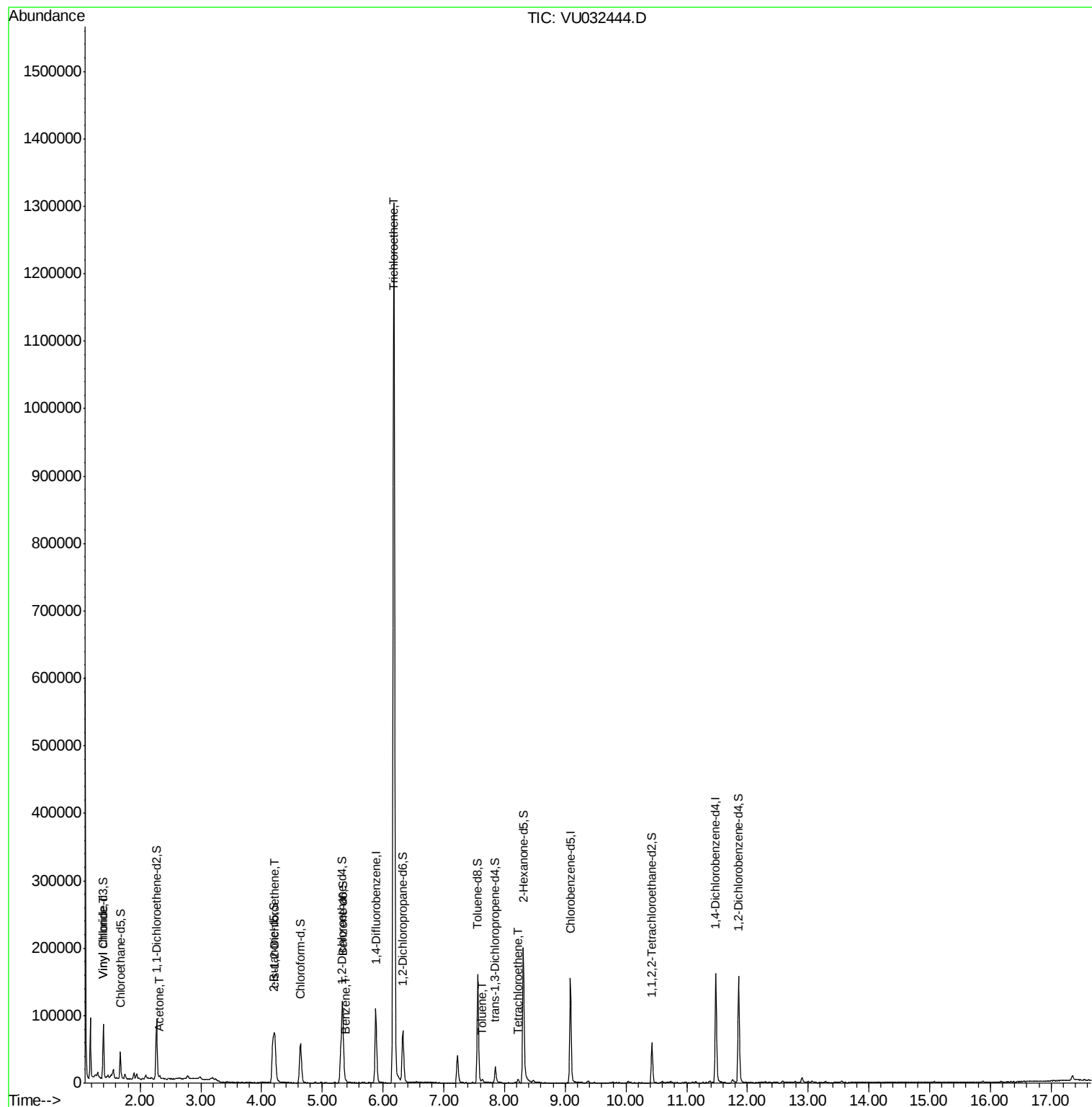
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	3095	0.369	ug/L	# 76
13) Acetone	2.32	43	3935	2.916	ug/L	94
22) cis-1,2-Dichloroethene	4.22	96	34169	4.596	ug/L	100
33) Benzene	5.39	78	3485	0.134	ug/L	100
34) Trichloroethene	6.18	95	438680	58.518	ug/L	98
42) Toluene	7.64	91	3710	0.128	ug/L	97
47) Tetrachloroethene	8.22	164	1256	0.213	ug/L	87

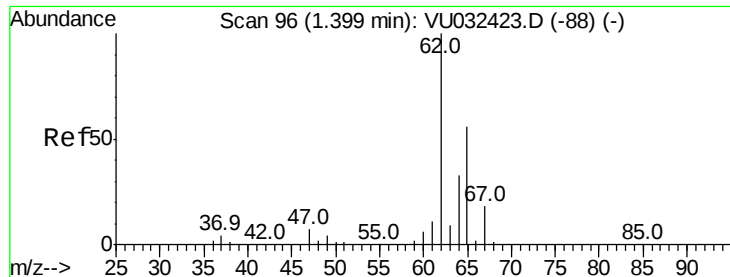
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.369 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU032444.D

Acq: 04 Jun 2019 22:02

Instrument :

MSVOA_U

ClientSampleId :

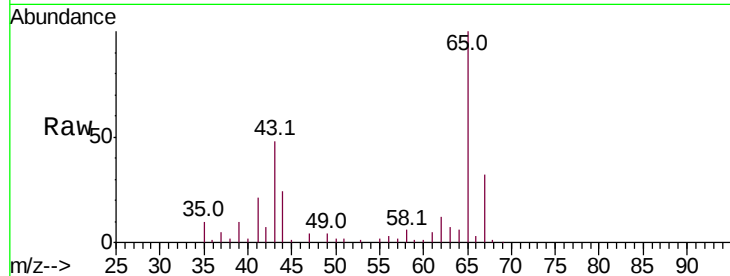
GALD7

Tot Ion: 62 Resp: 3095

Ion Ratio Lower Upper

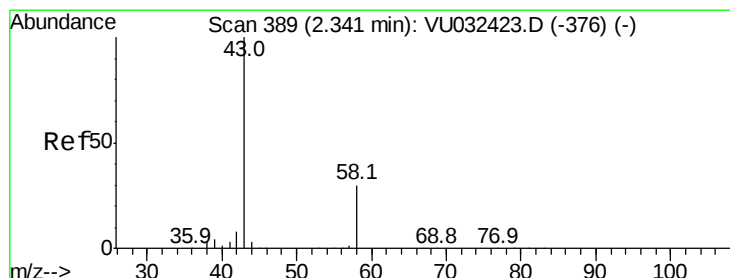
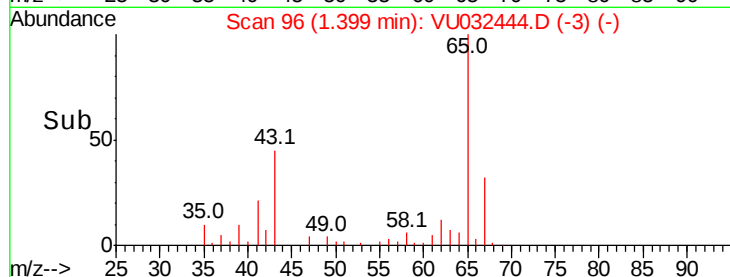
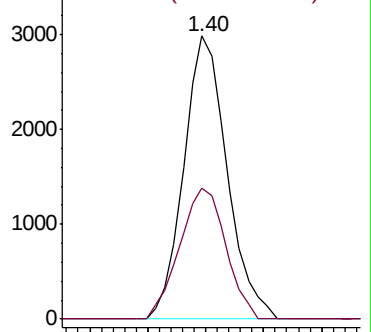
62 100

64 46.5 23.0 42.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032423.D (-88) (-)

Ion 64.10 (63.80 to 64.80): VU032423.D (-88) (-)



#13

Acetone

Concen: 2.916 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.02 min

Lab File: VU032444.D

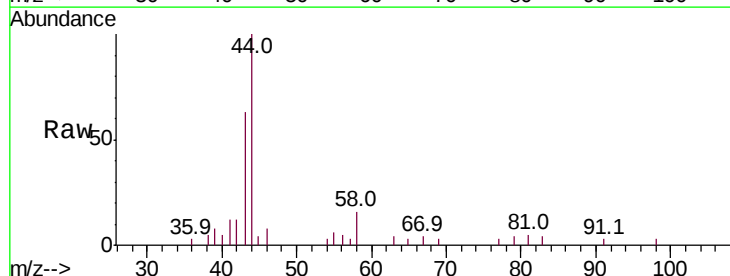
Acq: 04 Jun 2019 22:02

Tgt Ion: 43 Resp: 3935

Ion Ratio Lower Upper

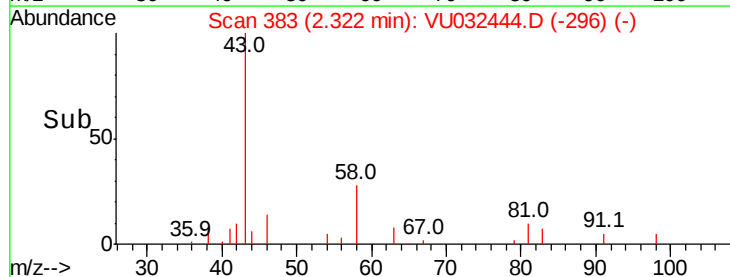
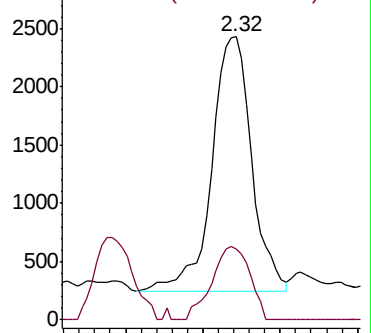
43 100

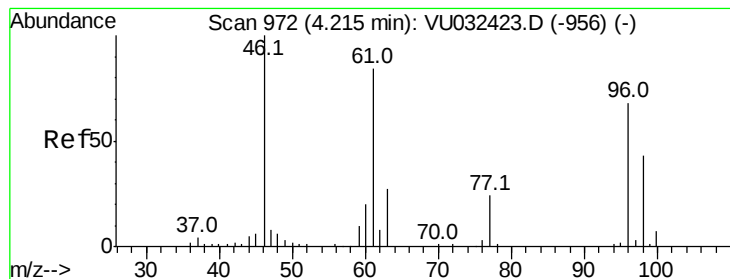
58 27.3 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032423.D (-376) (-)

Ion 58.05 (57.75 to 58.75): VU032423.D (-376) (-)





#22

cis-1,2-Dichloroethene

Concen: 4.596 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU032444.D

Acq: 04 Jun 2019 22:02

Instrument :

MSVOA_U

ClientSampleId :

GALD7

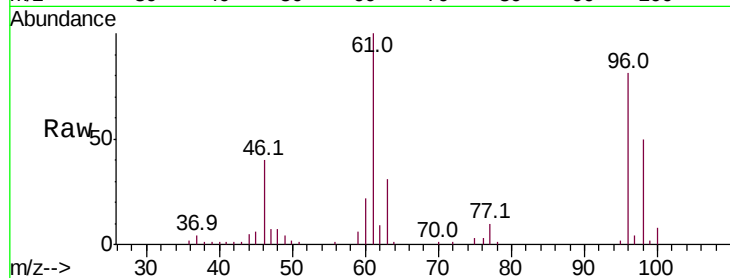
Tot Ion: 96 Resp: 34169

Ion Ratio Lower Upper

96 100

61 124.1 86.6 160.8

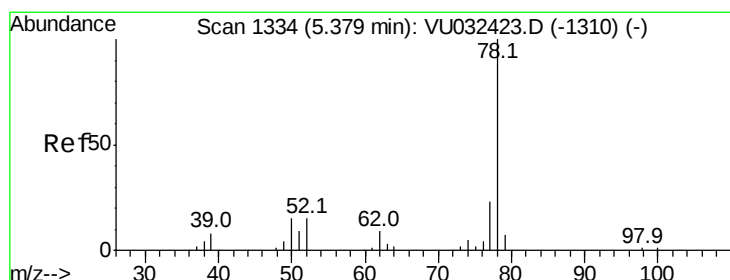
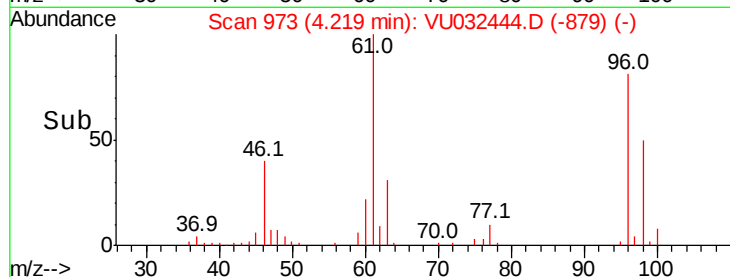
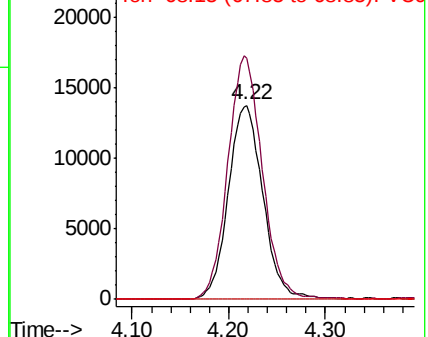
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032423.D (-956) (-)

Ion 61.05 (60.75 to 61.75): VU032423.D (-956) (-)

Ion 68.15 (67.85 to 68.85): VU032423.D (-956) (-)



#33

Benzene

Concen: 0.134 ug/L

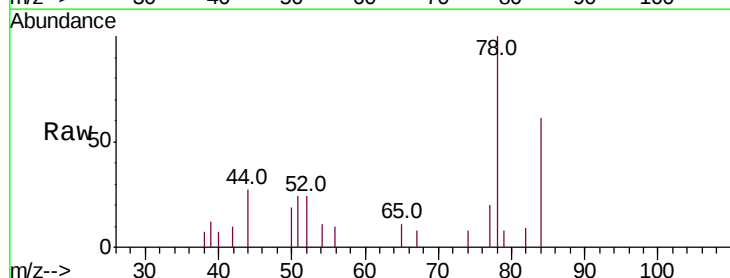
RT: 5.39 min Scan# 1336

Delta R.T. 0.01 min

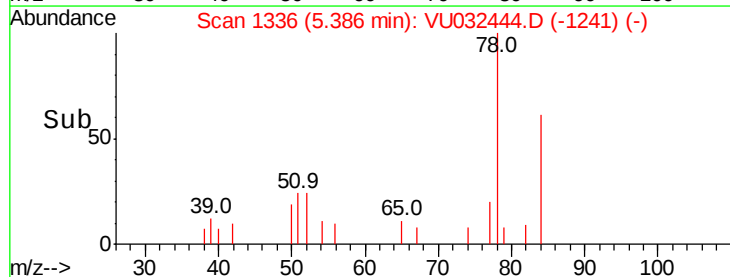
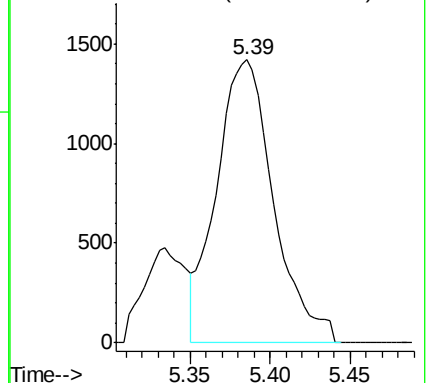
Lab File: VU032444.D

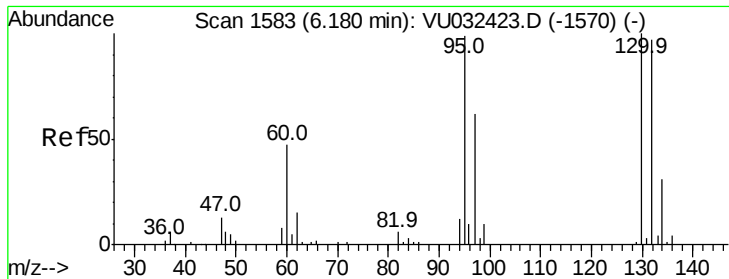
Acq: 04 Jun 2019 22:02

Tgt Ion: 78 Resp: 3485



Abundance Ion 78.10 (77.80 to 78.80): VU032423.D (-1310) (-)





#34

Trichloroethene

Concen: 58.518 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU032444.D

Acq: 04 Jun 2019 22:02

Instrument :

MSVOA_U

ClientSampleId :

GALD7

Tot Ion: 95 Resp: 438680

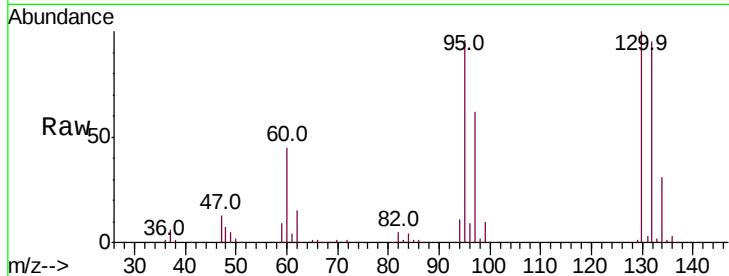
Ion Ratio Lower Upper

95 100

97 64.2 44.1 81.9

132 99.2 68.8 127.8

130 103.9 71.0 131.8

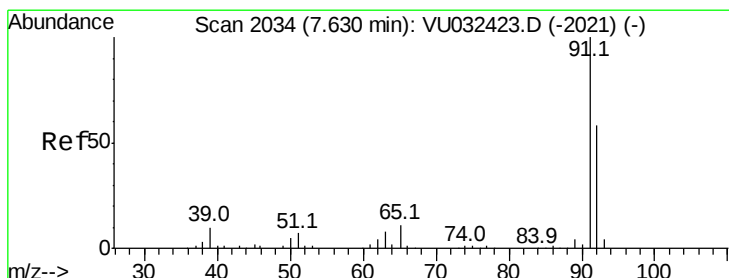
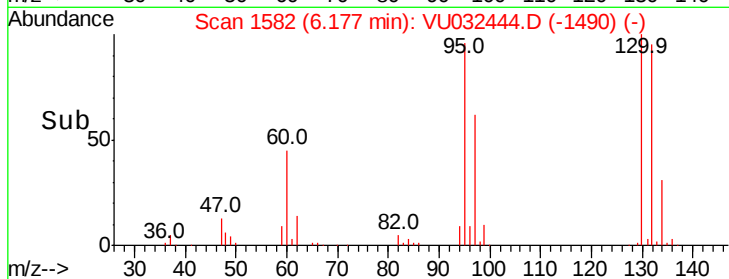
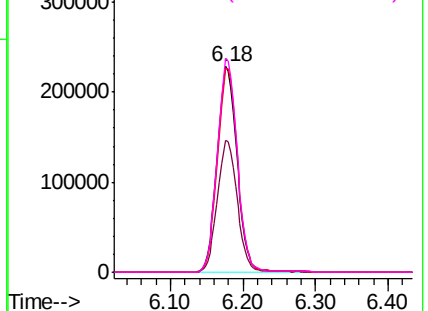


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 0.128 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU032444.D

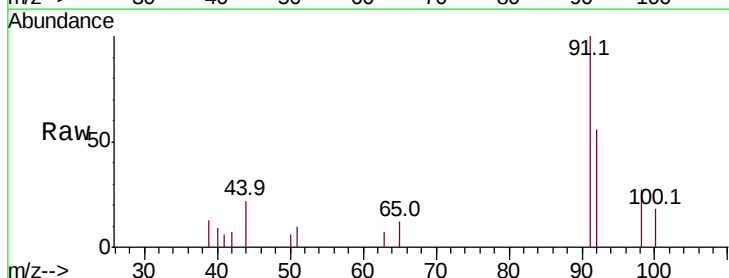
Acq: 04 Jun 2019 22:02

Tgt Ion: 91 Resp: 3710

Ion Ratio Lower Upper

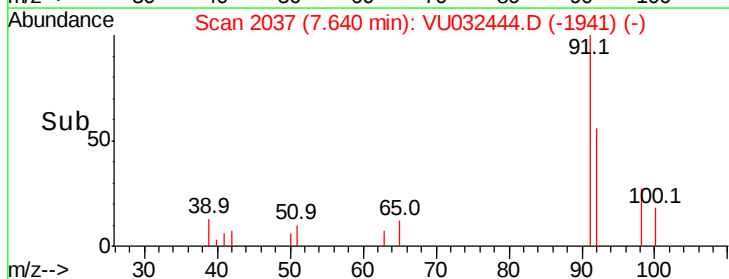
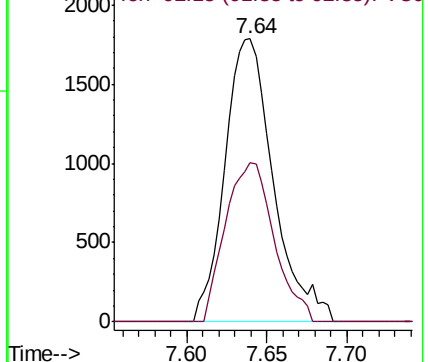
91 100

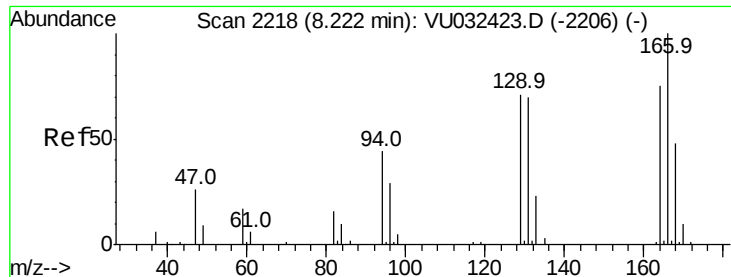
92 56.1 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#47

Tetrachloroethene

Concen: 0.213 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032444.D

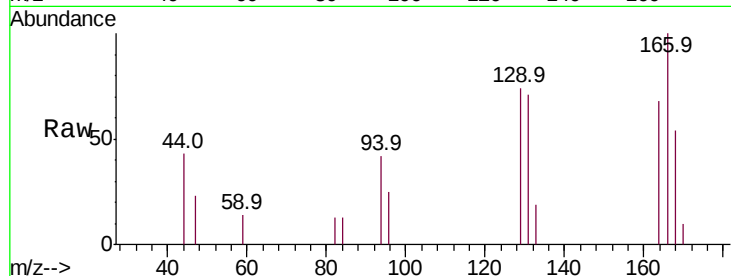
Acq: 04 Jun 2019 22:02

Instrument :

MSVOA_U

ClientSampleId :

GALD7



Tot Ion:164 Resp: 1256

Ion Ratio Lower Upper

164 100

129 109.4 66.1 122.7

131 104.6 65.6 121.8

166 146.9 93.2 173.2

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

