

Data File : VU032443.D
Acq On : 04 Jun 2019 21:37
Operator : JC/SP
Sample : K3081-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALD8

Quant Time: Jun 04 23:10:38 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	100120	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	92121	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47539	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	33144	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.67	69	27902	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.27	63	51720	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.18	46	94236	51.87	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.74%
24) Chloroform-d	4.64	84	59630	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.30	65	33001	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.33	84	127589	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
36) 1,2-Dichloropropane-d6	6.32	67	38232	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.56	98	120243	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.60%
43) trans-1,3-Dichloropropene-	7.85	79	15321	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
46) 2-Hexanone-d5	8.31	63	80671	53.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32396	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	47569	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

						Qvalue
5) Vinyl chloride	1.40	62	2591	0.296	ug/L #	78
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	1234	0.185	ug/L #	59
12) 1,1-Dichloroethene	2.28	96	2208	0.347	ug/L #	1
13) Acetone	2.32	43	11120	7.886	ug/L	98
15) Methyl Acetate	2.62	43	1048	0.271	ug/L #	53
18) trans-1,2-Dichloroethene	2.97	96	702	0.102	ug/L	74
22) cis-1,2-Dichloroethene	4.22	96	31305	4.030	ug/L	99
33) Benzene	5.39	78	4062	0.150	ug/L	100
34) Trichloroethene	6.18	95	401505	51.393	ug/L	99
35) Methylcyclohexane	6.32	83	9087	0.723	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4312	0.614	ug/L #	89
42) Toluene	7.64	91	4869	0.161	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	737	0.086	ug/L	85
47) Tetrachloroethene	8.23	164	1283	0.209	ug/L	83
59) 1,2,3-Trichloropropane	11.48	75	5363	1.162	ug/L #	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060419\
Quantitation Report (Not Reviewed)

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QLast Update : Tue Jun 04 22:54:09 2019
Response via : Initial Calibration

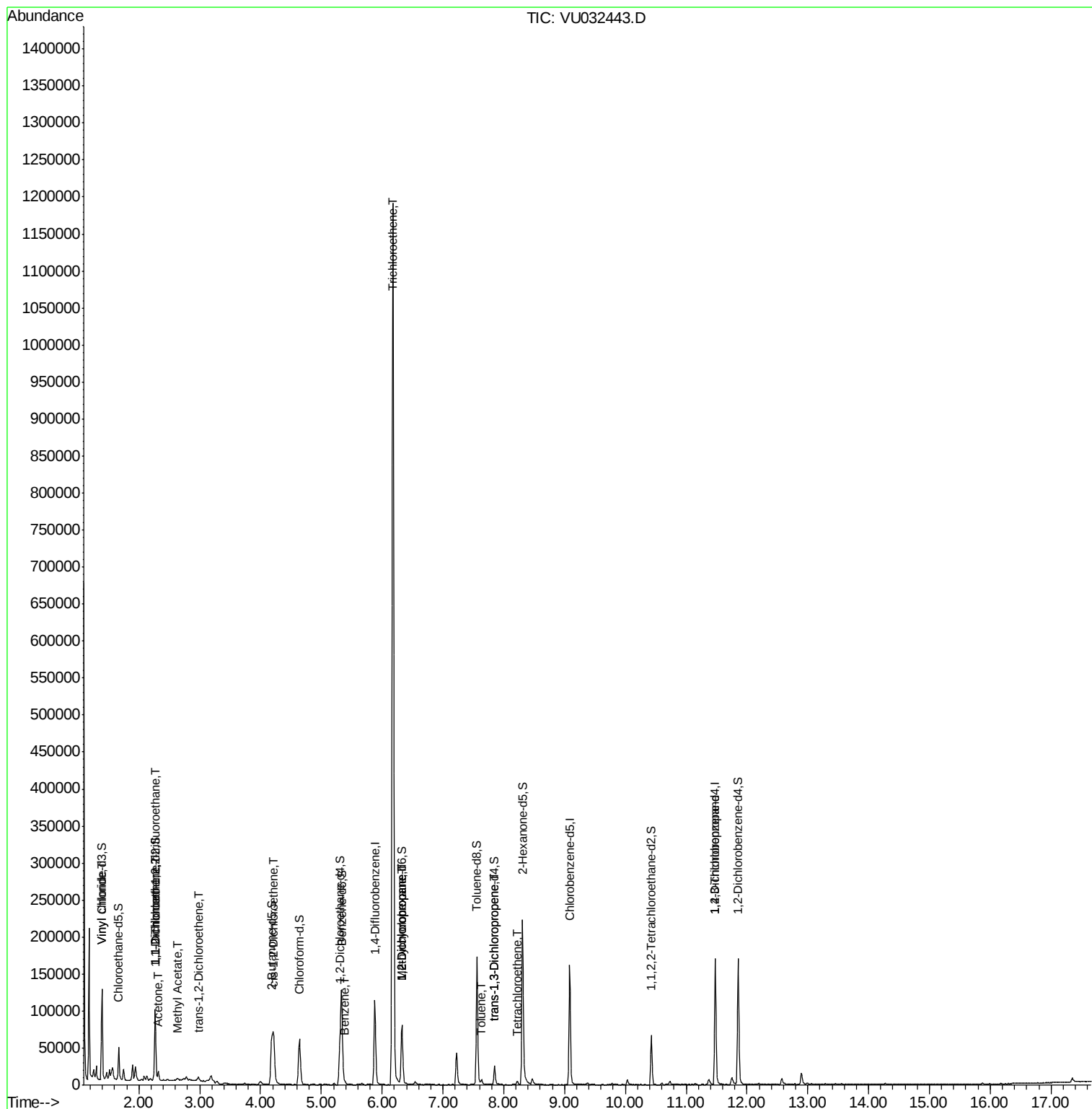
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

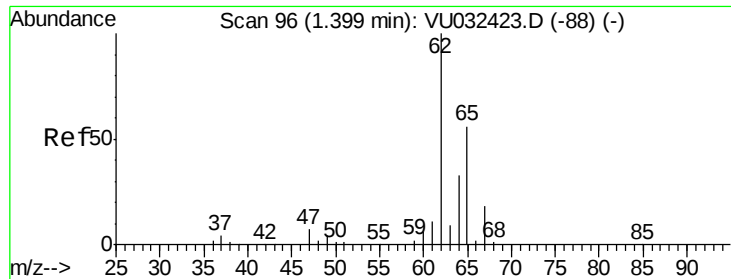
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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QLast Update : Tue Jun 04 22:54:09 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.296 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU032443.D

Acq: 04 Jun 2019 21:37

Instrument :

MSVOA_U

ClientSampled :

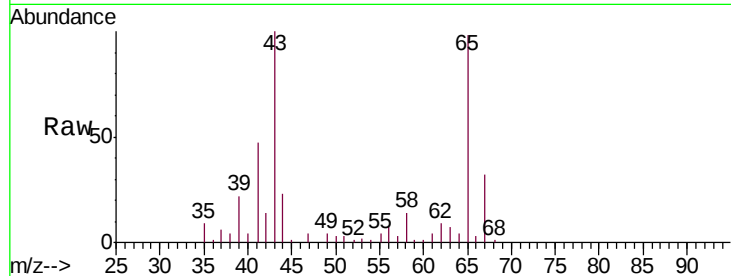
GALD8

Tgt Ion: 62 Resp: 2591

Ion Ratio Lower Upper

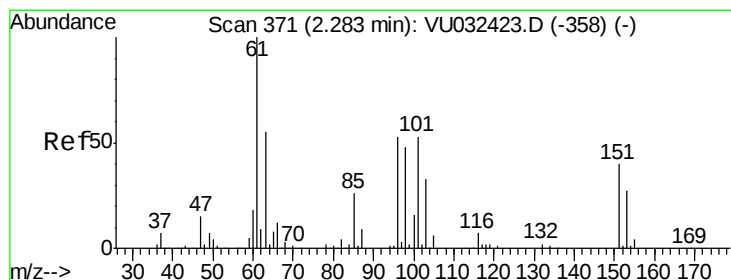
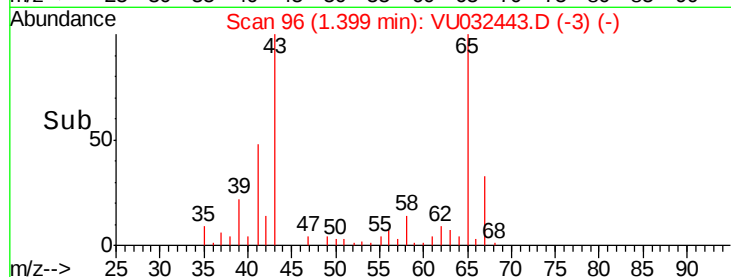
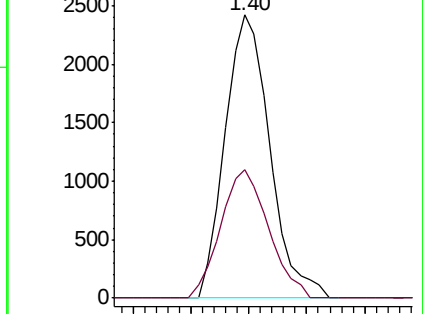
62 100

64 45.2 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) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.185 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU032443.D

Acq: 04 Jun 2019 21:37

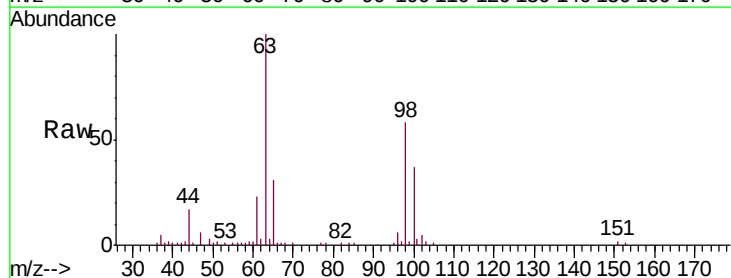
Tgt Ion: 101 Resp: 1234

Ion Ratio Lower Upper

101 100

85 12.2 38.9 58.3#

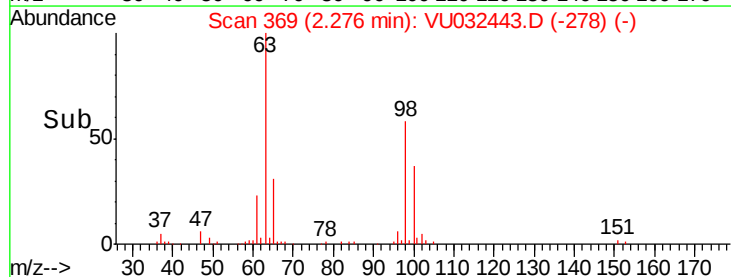
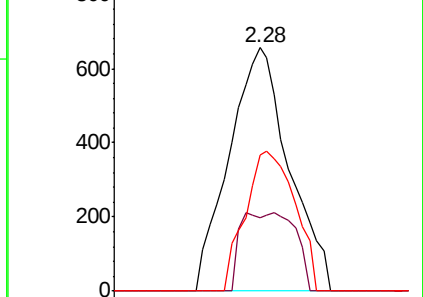
151 47.7 61.0 91.4#

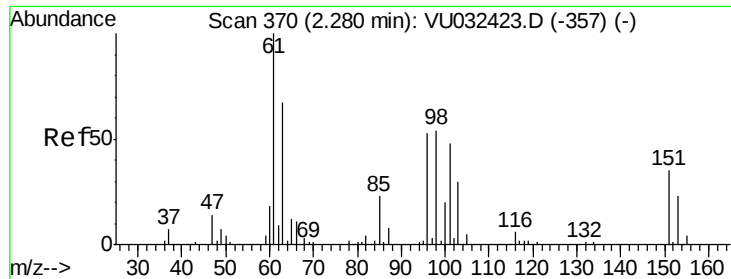


Abundance Ion 101.00 (100.70 to 101.70): VU032423.D (-358) (-)

Ion 85.00 (84.70 to 85.70): VU032423.D (-358) (-)

Ion 151.00 (150.70 to 151.70): VU032423.D (-358) (-)





#12

1,1-Dichloroethene

Concen: 0.347 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU032443.D

Acq: 04 Jun 2019 21:37

Instrument :

MSVOA_U

ClientSampleId :

GALD8

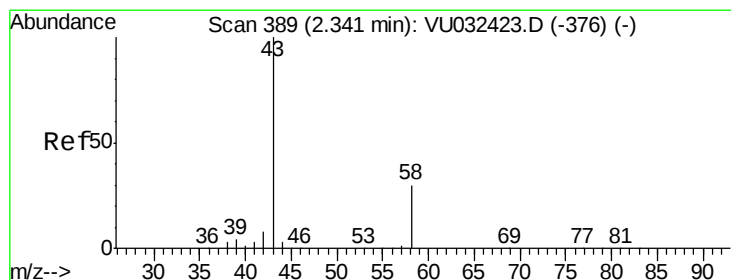
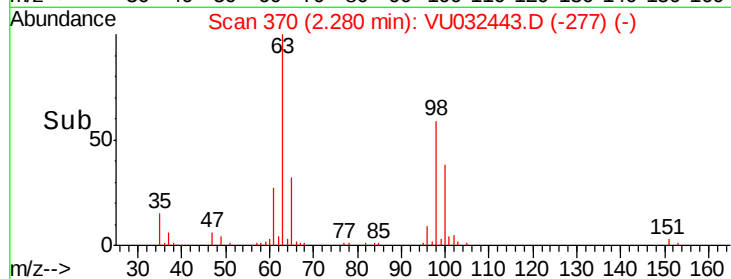
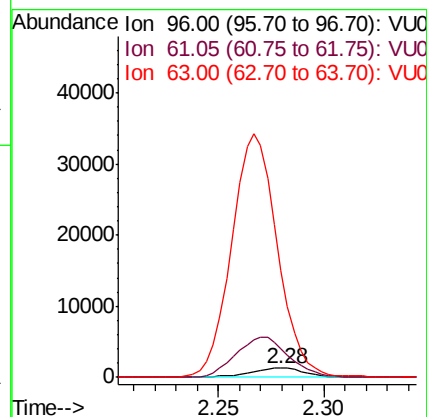
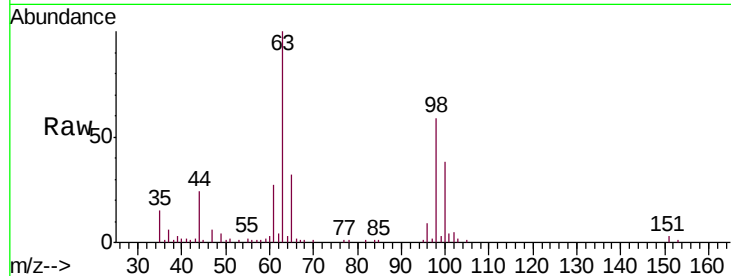
Tgt Ion: 96 Resp: 2208

Ion Ratio Lower Upper

96 100

61 307.1 131.8 244.8#

63 1157.3 90.1 167.3#



#13

Acetone

Concen: 7.886 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.02 min

Lab File: VU032443.D

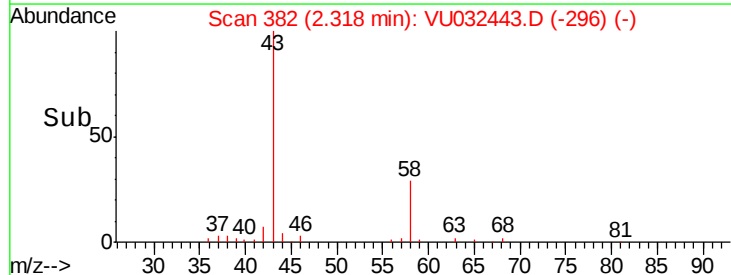
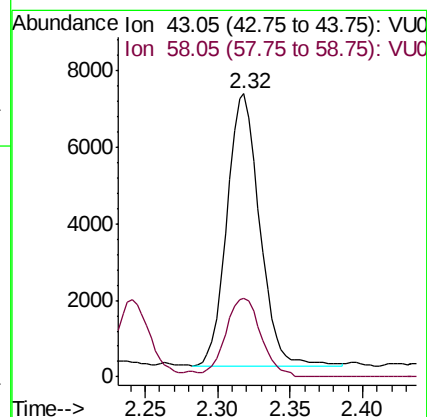
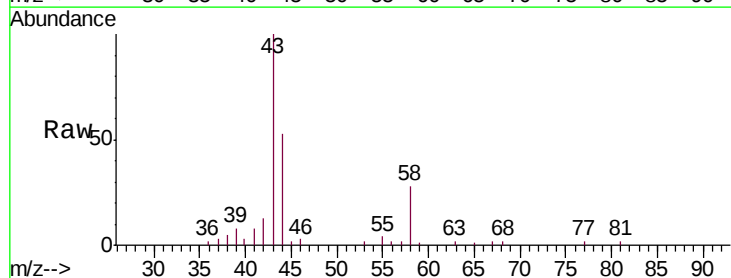
Acq: 04 Jun 2019 21:37

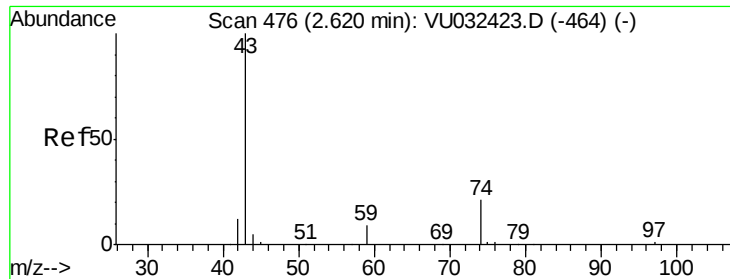
Tgt Ion: 43 Resp: 11120

Ion Ratio Lower Upper

43 100

58 31.3 0.0 60.8

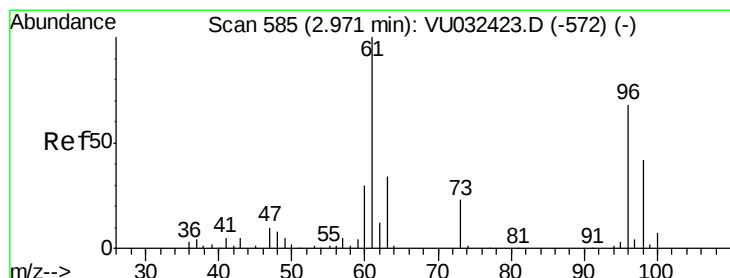
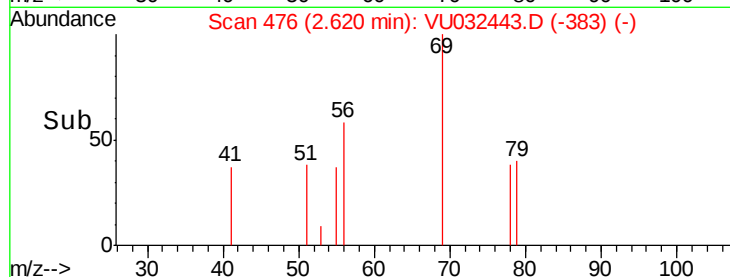
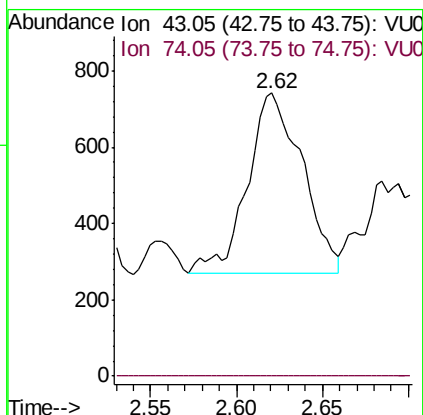
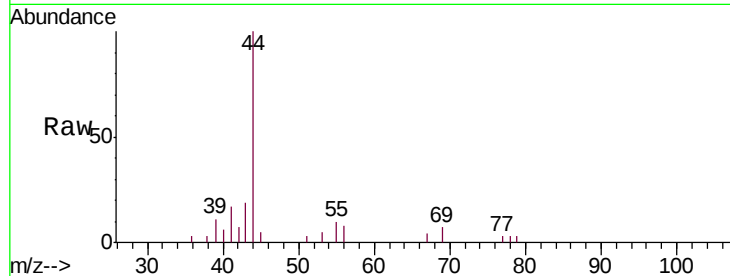




#15
Methyl Acetate
Concen: 0.271 ug/L
RT: 2.62 min Scan# 476
Delta R.T. -0.00 min
Lab File: VU032443.D
Acq: 04 Jun 2019 21:37

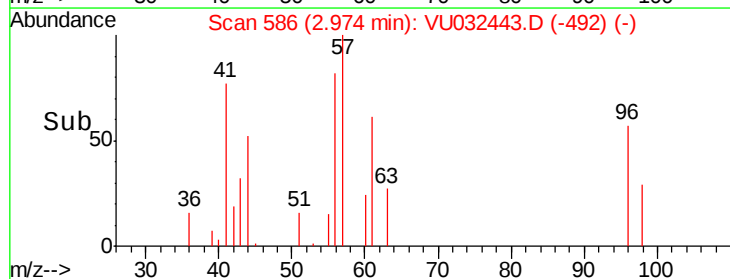
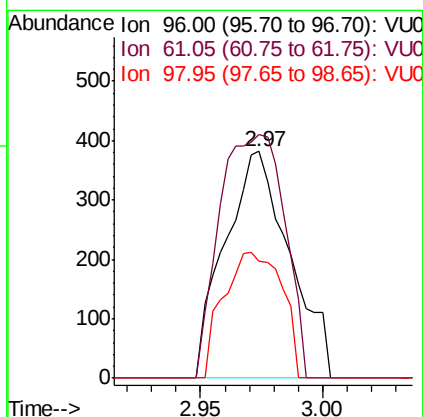
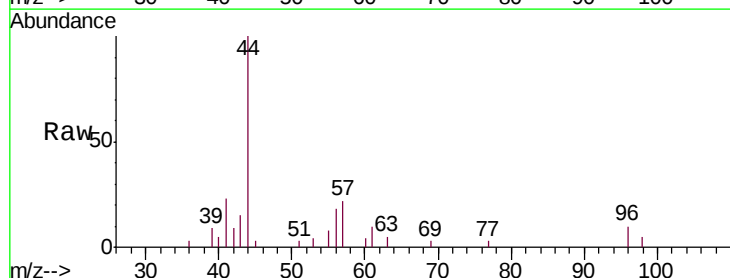
Instrument :
MSVOA_U
ClientSampleID :
GALD8

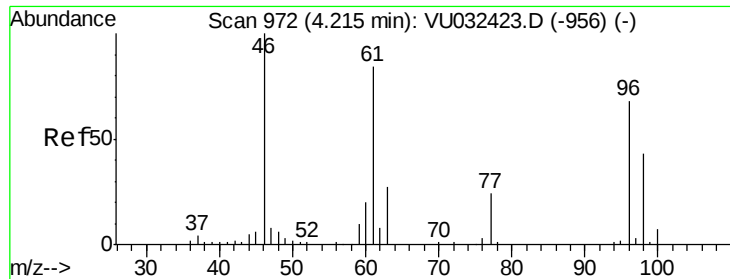
Tgt Ion: 43 Resp: 1048
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#18
trans-1,2-Dichloroethene
Concen: 0.102 ug/L
RT: 2.97 min Scan# 586
Delta R.T. 0.00 min
Lab File: VU032443.D
Acq: 04 Jun 2019 21:37

Tgt Ion: 96 Resp: 702
Ion Ratio Lower Upper
96 100
61 107.3 103.1 191.5
98 51.8 43.7 81.1



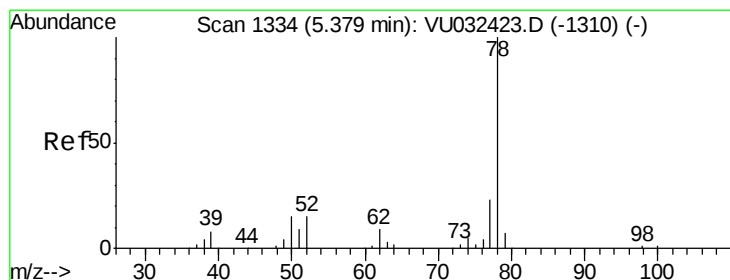
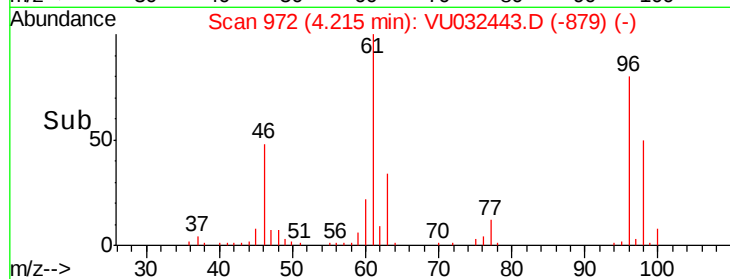
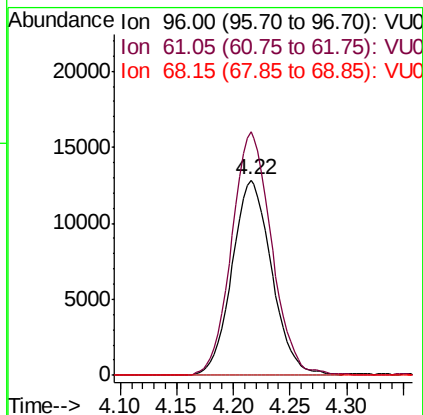
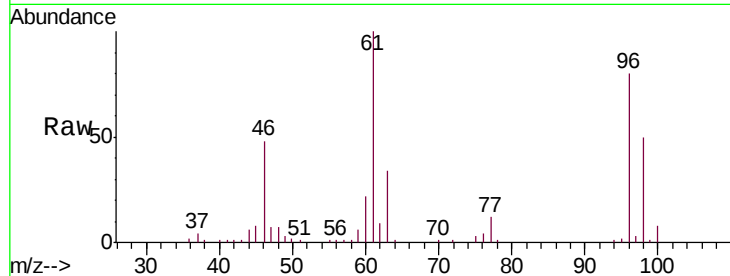


#22

cis-1,2-Dichloroethene
Concen: 4.030 ug/L
RT: 4.22 min Scan# 972
Delta R.T. 0.00 min
Lab File: VU032443.D
Acq: 04 Jun 2019 21:37

Instrument :
MSVOA_U
ClientSampled :
GALD8

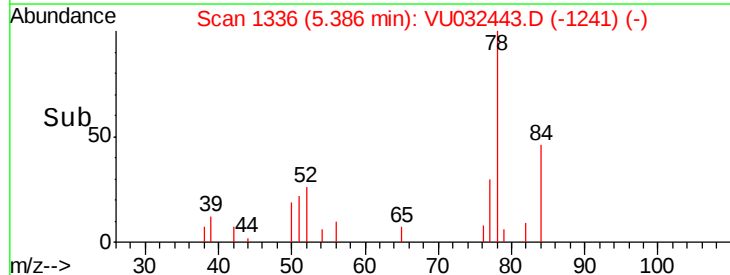
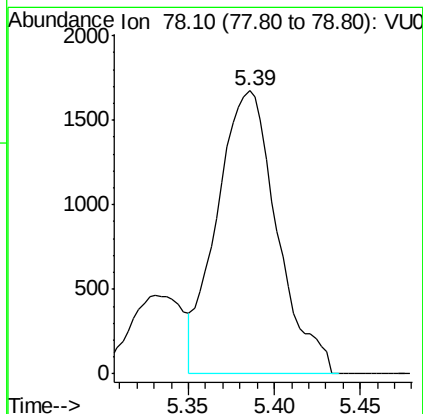
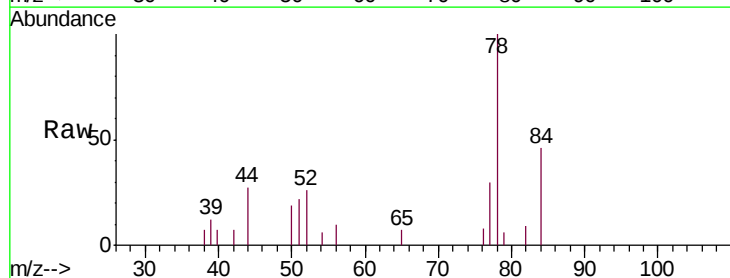
Tgt Ion: 96 Resp: 31305
Ion Ratio Lower Upper
96 100
61 124.5 86.6 160.8
68 0.0 0.0 0.0

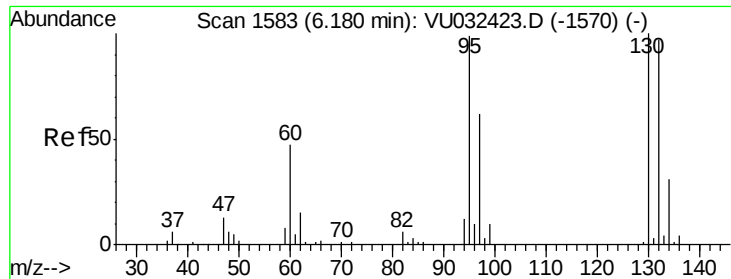


#33

Benzene
Concen: 0.150 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.01 min
Lab File: VU032443.D
Acq: 04 Jun 2019 21:37

Tgt Ion: 78 Resp: 4062





#34

Trichloroethene

Concen: 51.393 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU032443.D

Acq: 04 Jun 2019 21:37

Instrument :

MSVOA_U

ClientSampleId :

GALD8

Tgt Ion: 95 Resp: 401505

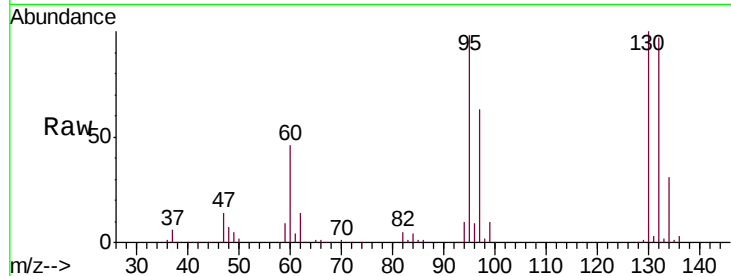
Ion Ratio Lower Upper

95 100

97 64.1 44.1 81.9

132 99.7 68.8 127.8

130 102.5 71.0 131.8

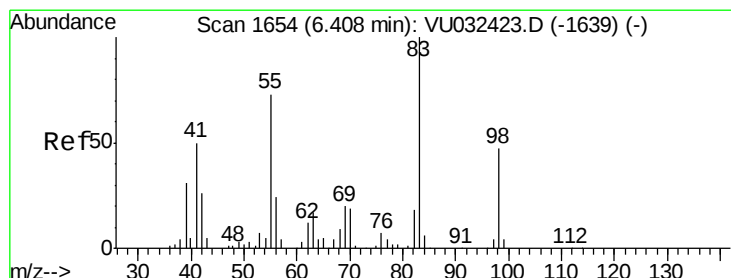
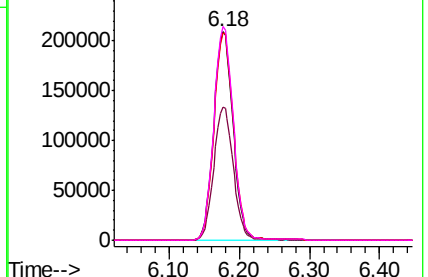
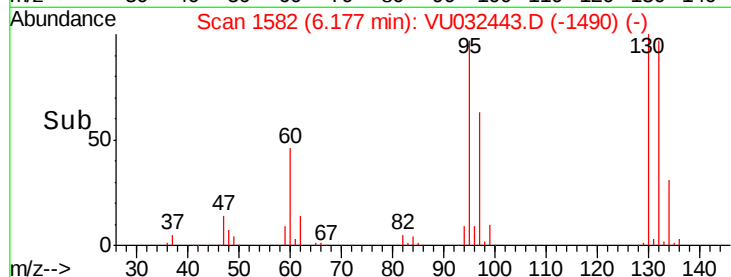


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 0.723 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032443.D

Acq: 04 Jun 2019 21:37

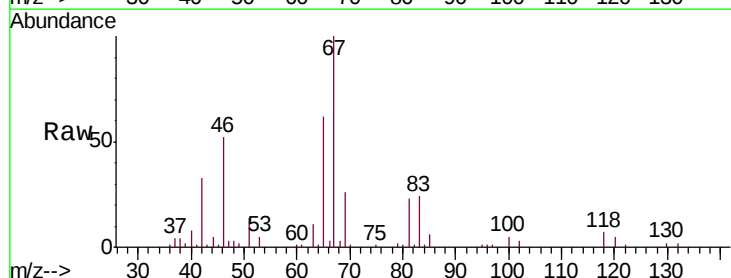
Tgt Ion: 83 Resp: 9087

Ion Ratio Lower Upper

83 100

55 0.2 60.0 90.0#

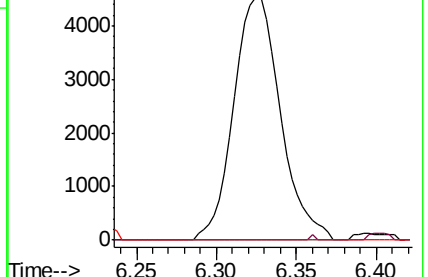
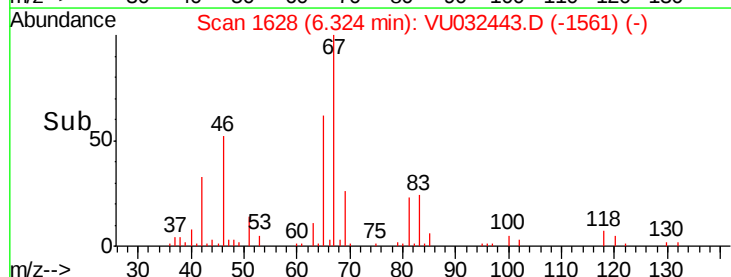
98 0.0 37.8 56.8#

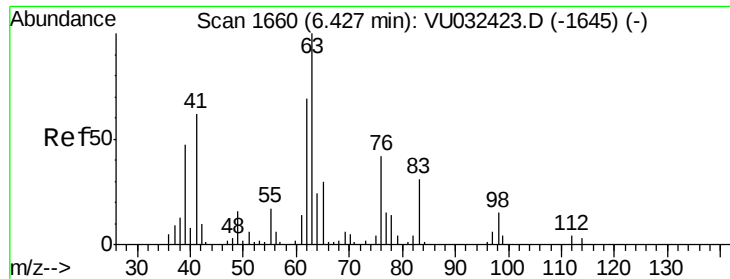


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

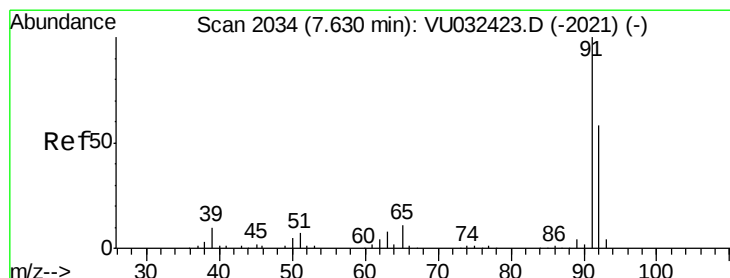
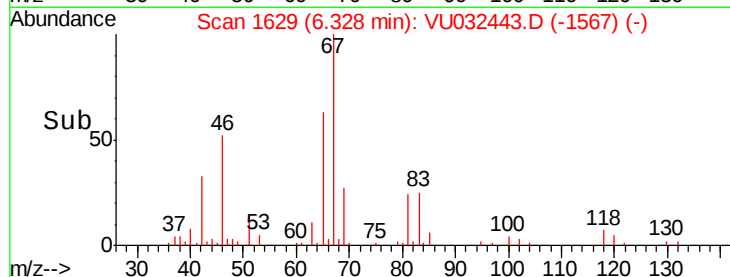
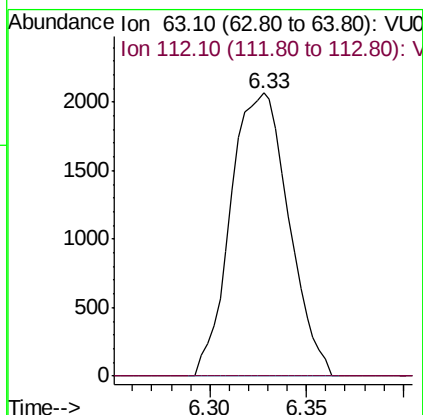
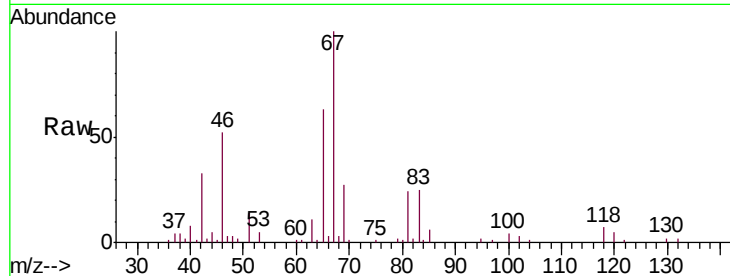




#37
 1,2-Dichloropropane
 Concen: 0.614 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032443.D
 Acq: 04 Jun 2019 21:37

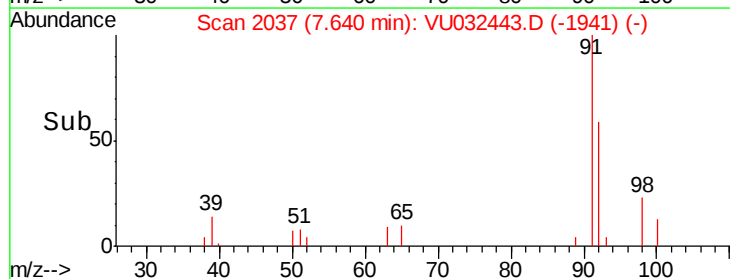
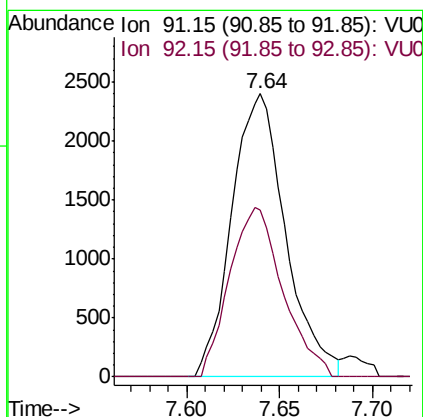
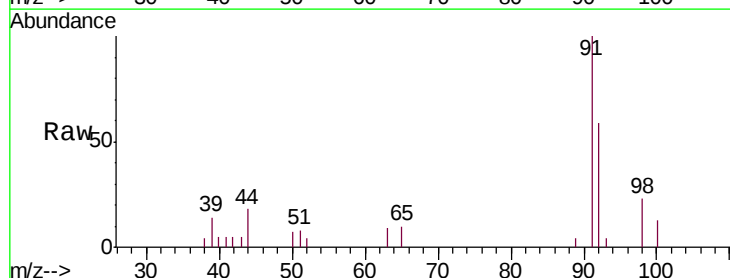
Instrument :
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 GALD8

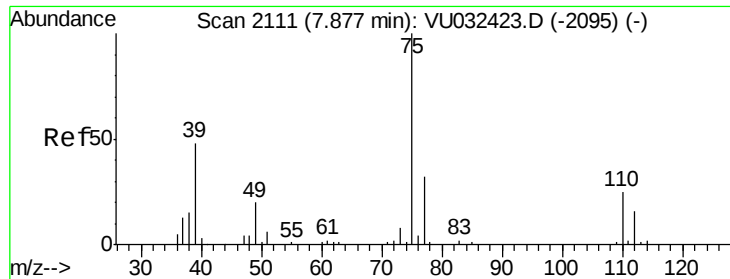
Tgt Ion: 63 Resp: 4312
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#42
 Toluene
 Concen: 0.161 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VU032443.D
 Acq: 04 Jun 2019 21:37

Tgt Ion: 91 Resp: 4869
 Ion Ratio Lower Upper
 91 100
 92 58.8 40.9 75.9





#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032443.D

Acq: 04 Jun 2019 21:37

Instrument :

MSVOA_U

ClientSampleId :

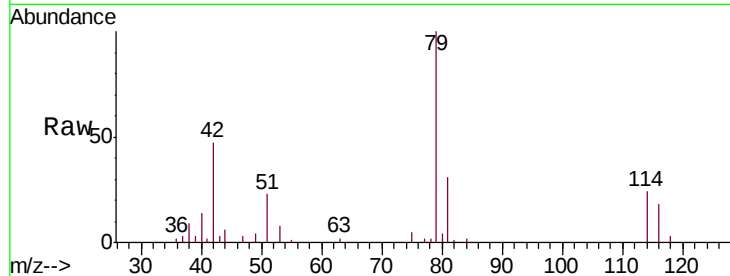
GALD8

Tgt Ion: 75 Resp: 737

Ion Ratio Lower Upper

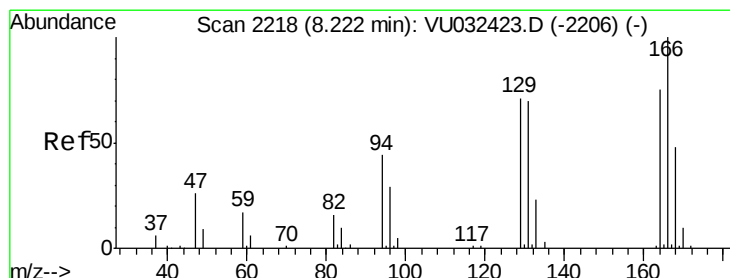
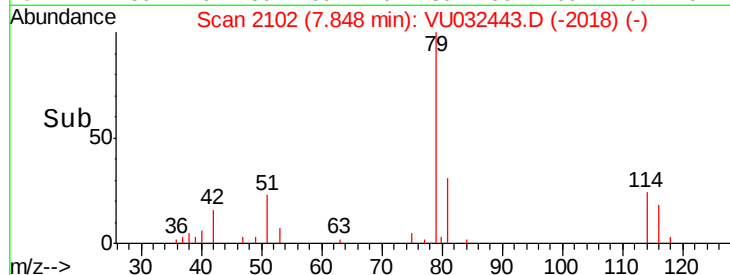
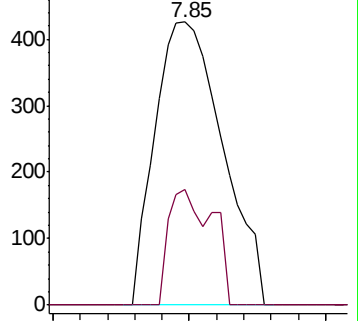
75 100

77 40.6 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VU032423.D (-2095) (-)

Ion 77.05 (76.75 to 77.75): VU032423.D (-2095) (-)



#47

Tetrachloroethene

Concen: 0.209 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

Lab File: VU032443.D

Acq: 04 Jun 2019 21:37

Tgt Ion: 164 Resp: 1283

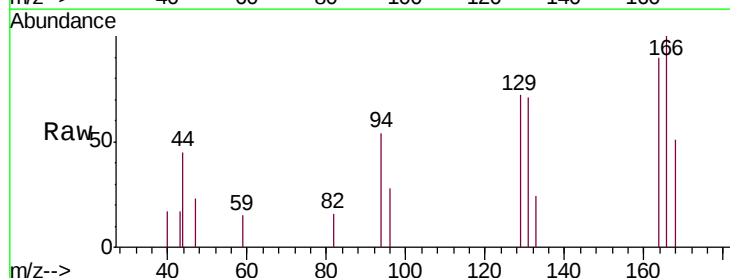
Ion Ratio Lower Upper

164 100

129 79.7 66.1 122.7

131 78.6 65.6 121.8

166 111.2 93.2 173.2

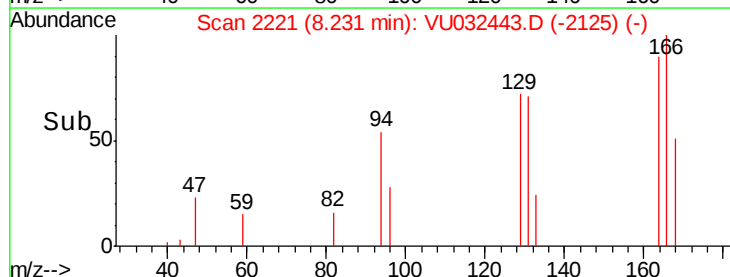
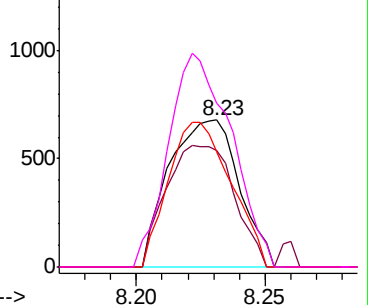


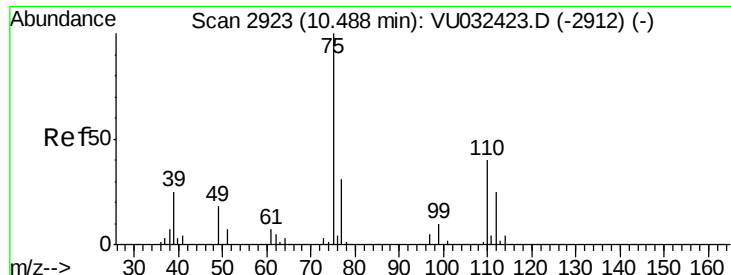
Abundance Ion 163.90 (163.60 to 164.60): VU032423.D (-2206) (-)

Ion 128.95 (128.65 to 129.65): VU032423.D (-2206) (-)

Ion 130.95 (130.65 to 131.65): VU032423.D (-2206) (-)

Ion 165.90 (165.60 to 166.60): VU032423.D (-2206) (-)





#59
 1,2,3-Trichloropropane
 Concen: 1.162 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032443.D
 Acq: 04 Jun 2019 21:37

Instrument :
 MSVOA_U
 ClientSampleId :
 GALD8

Tgt Ion: 75 Resp: 5363
 Ion Ratio Lower Upper
 75 100
 77 38.6 25.3 37.9#

