

Data File : VU032382.D
Acq On : 30 May 2019 15:26
Operator : JC/SP
Sample : K3081-03
Misc : 7.98g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALD3

Quant Time: May 31 04:38:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 04:34:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	748741	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	782794	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	351615	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	212569	38.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.04%
7) Chloroethane-d5	1.64	69	136998	30.74	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.48%#
11) 1,1-Dichloroethene-d2	2.32	63	101	0.01	ug/L	0.06
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.02%#
21) 2-Butanone-d5	4.19	46	366005	100.77	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.77%
24) Chloroform-d	4.64	84	447009	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	5.30	65	285934	50.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.04%
32) Benzene-d6	5.33	84	956785	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.32	67	297604	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.40%
41) Toluene-d8	7.56	98	856743	44.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.44%
43) trans-1,3-Dichloropropene-	7.85	79	127950	43.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.68%
47) 2-Hexanone-d5	8.32	63	312693	116.94	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	479171	49.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	358124	49.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.90%

Target Compounds

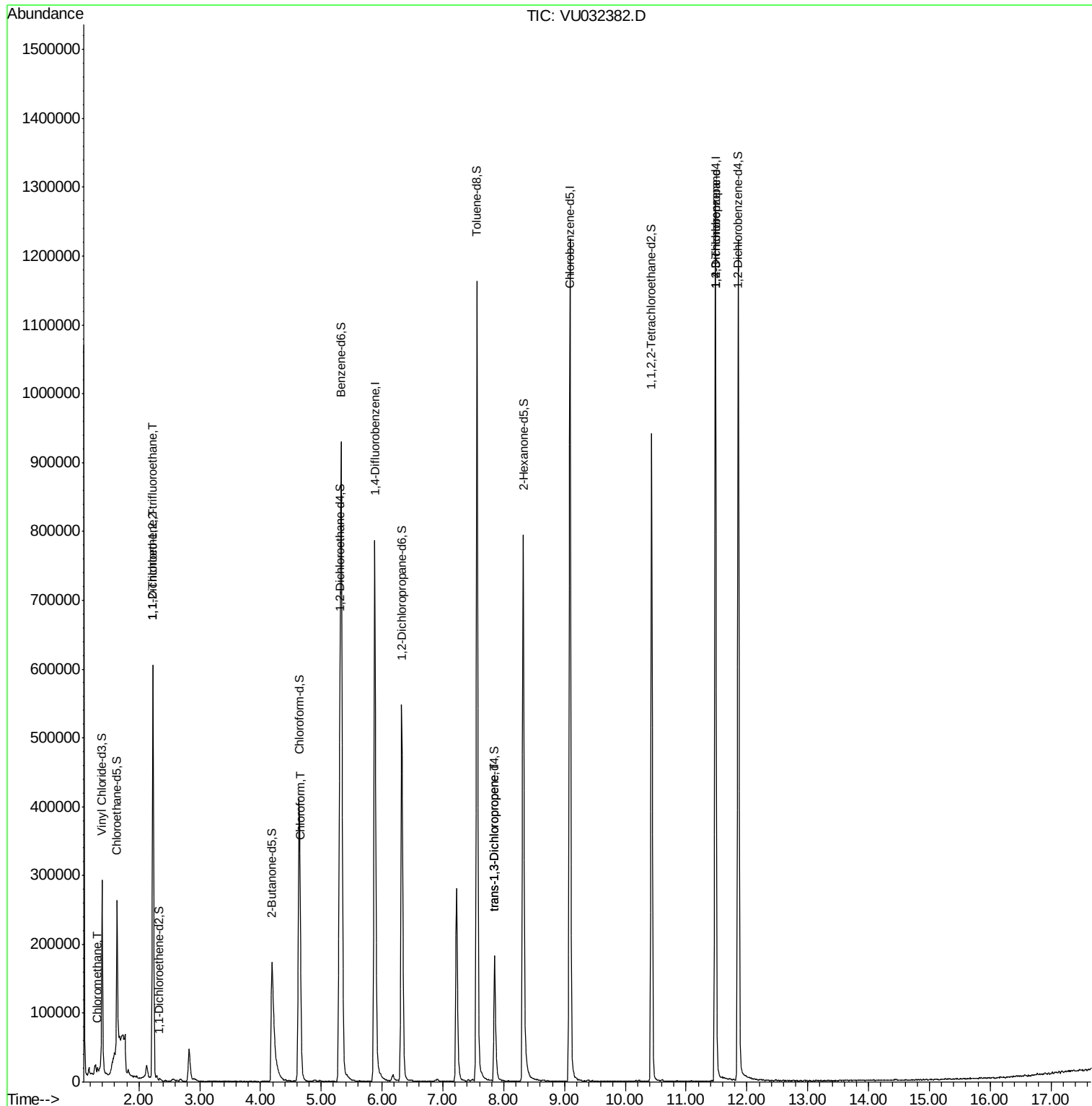
					Qvalue
3) Chloromethane	1.32	50	4119	0.669 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	3503	0.737 ug/L #	21
12) 1,1-Dichloroethene	2.23	96	2984	0.616 ug/L #	1
25) Chloroform	4.66	83	6626	0.702 ug/L	83
44) trans-1,3-Dichloropropene	7.85	75	4995	0.674 ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	38839	5.117 ug/L	94

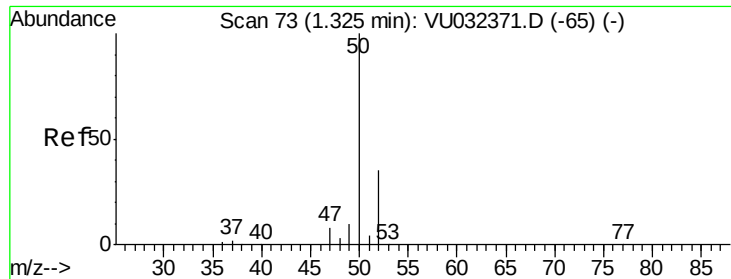
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.669 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

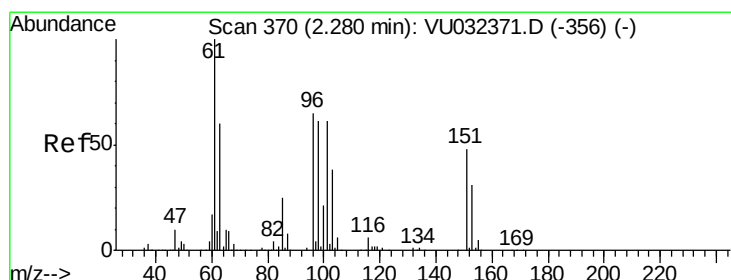
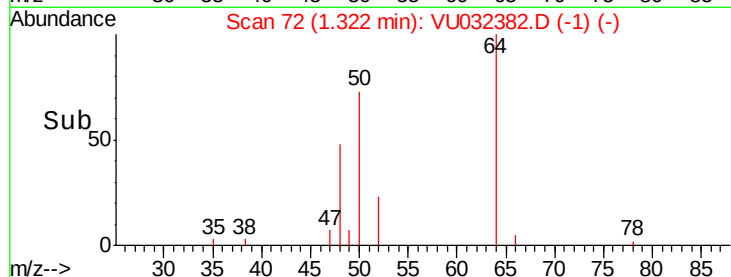
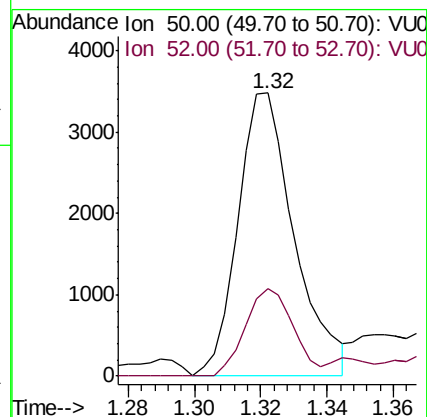
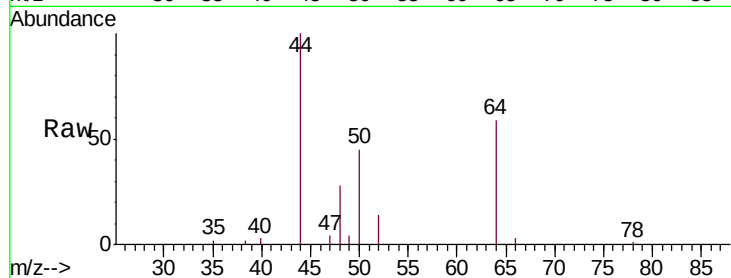
GALD3

Tgt Ion: 50 Resp: 4119

Ion Ratio Lower Upper

50 100

52 30.9 23.6 43.8



#10

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

Concen: 0.737 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.05 min

Lab File: VU032382.D

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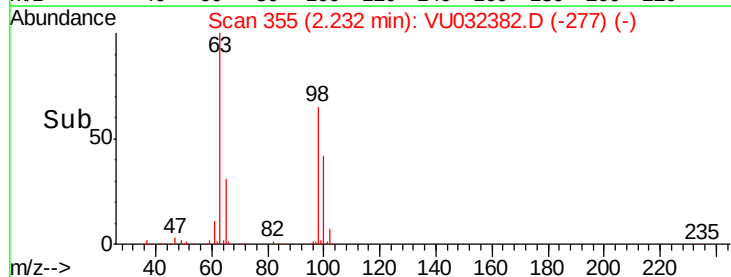
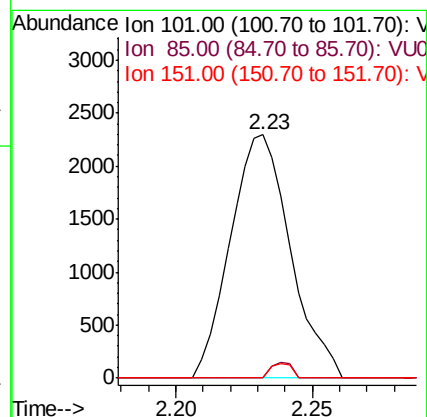
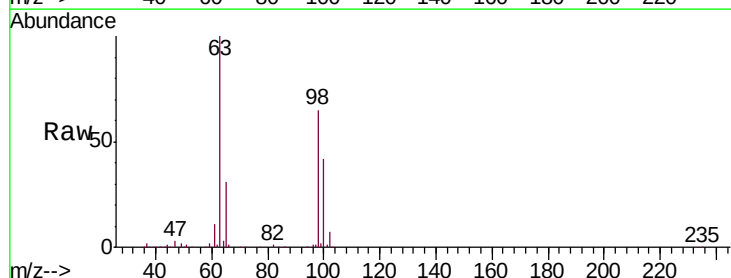
Tgt Ion: 101 Resp: 3503

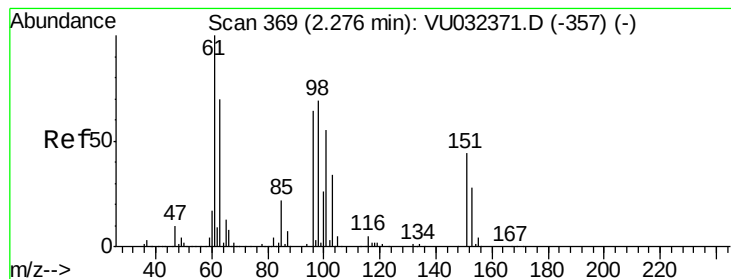
Ion Ratio Lower Upper

101 100

85 2.2 33.4 50.0#

151 2.0 63.7 95.5#





#12

1,1-Dichloroethene

Concen: 0.616 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.04 min

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Instrument :

MSVOA_U

ClientSampleId :

GALD3

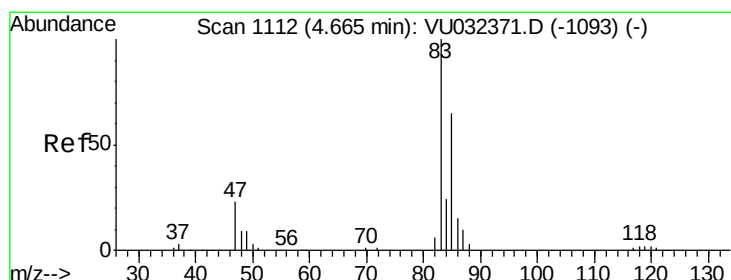
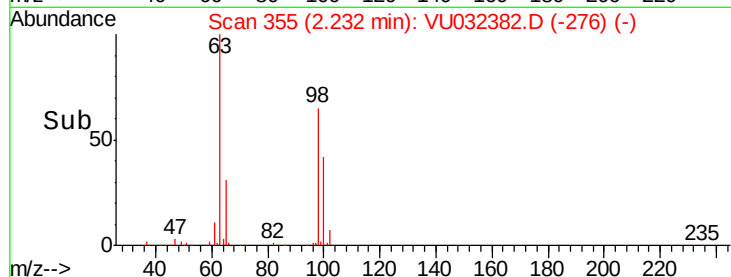
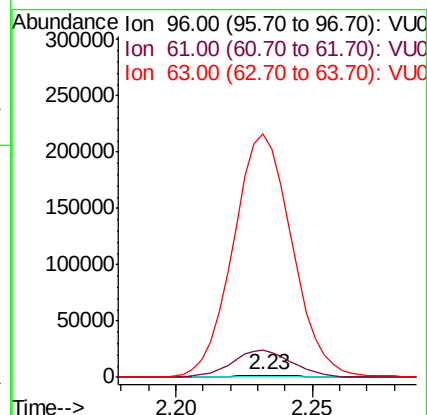
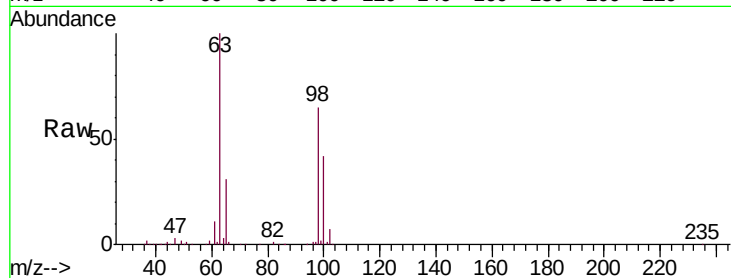
Tgt Ion: 96 Resp: 2984

Ion Ratio Lower Upper

96 100

61 1304.4 109.8 203.8#

63 11679.7 74.4 138.2#



#25

Chloroform

Concen: 0.702 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VU032382.D

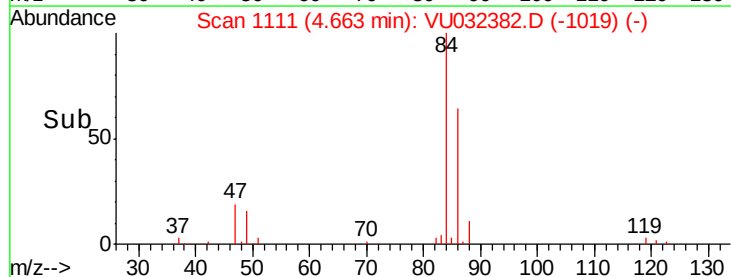
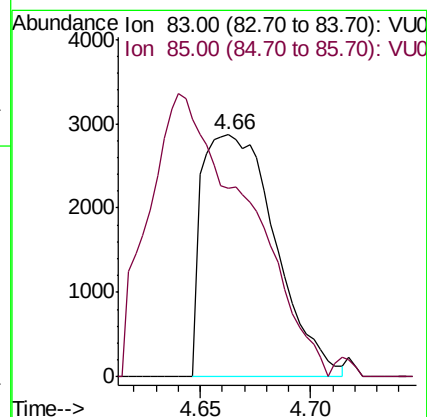
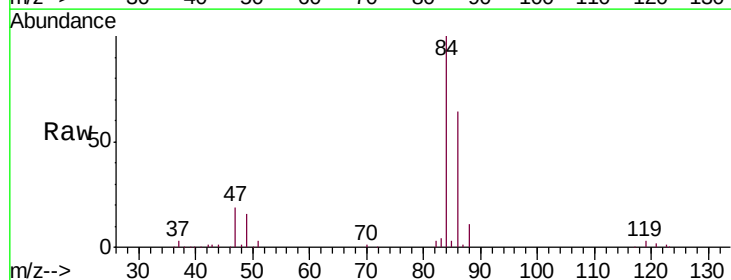
Acq: 30 May 2019 15:26

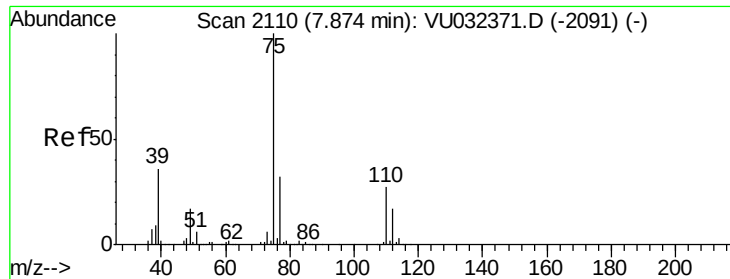
Tgt Ion: 83 Resp: 6626

Ion Ratio Lower Upper

83 100

85 78.0 45.1 83.9





#44

trans-1,3-Dichloropropene

Concen: 0.674 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032382.D

Acq: 30 May 2019 15:26

Instrument :

MSVOA_U

ClientSampleId :

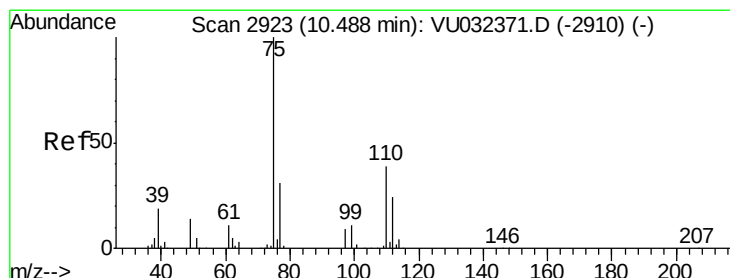
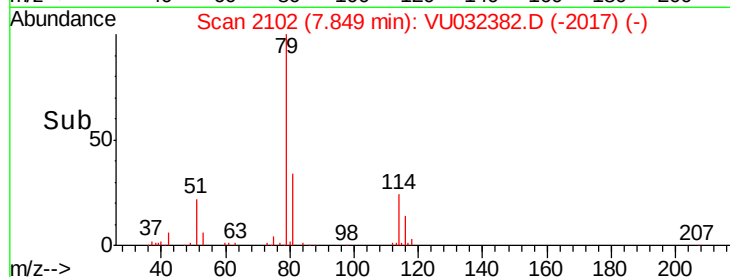
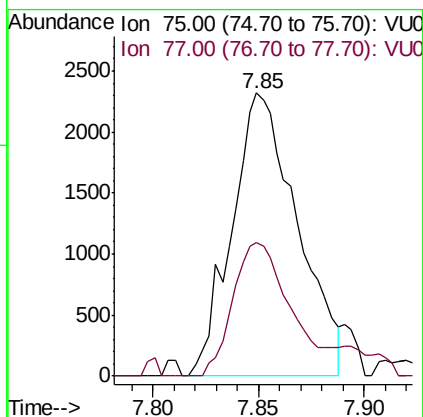
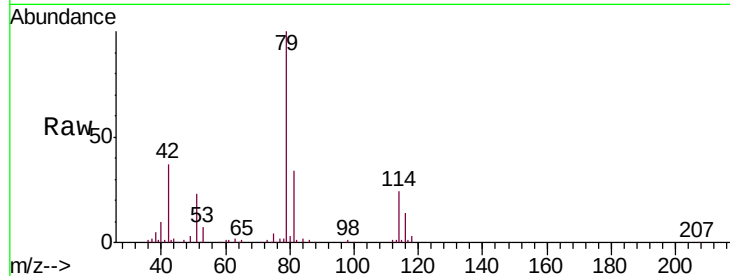
GALD3

Tgt Ion: 75 Resp: 4995

Ion Ratio Lower Upper

75 100

77 47.4 23.0 42.6#



#59

1,2,3-Trichloropropane

Concen: 5.117 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032382.D

Acq: 30 May 2019 15:26

Tgt Ion: 75 Resp: 38839

Ion Ratio Lower Upper

75 100

77 35.5 25.8 38.8

