

Data File : VU036599.D
Acq On : 29 Jan 2020 17:46
Operator : JC/MD
Sample : L1271-17
Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAT08

Quant Time: Jan 30 02:52:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 02:48:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	299652	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	291521	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	157234	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87225	38.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.72%
7) Chloroethane-d5	1.89	69	21118	10.97	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	21.94%#
11) 1,1-Dichloroethene-d2	2.57	63	115100	31.72	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.44%
21) 2-Butanone-d5	4.68	46	126223	94.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.75%
24) Chloroform-d	5.11	84	153115	41.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.32%
26) 1,2-Dichloroethane-d4	5.74	65	100539	43.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.78%
32) Benzene-d6	5.76	84	356930	43.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.06%
36) 1,2-Dichloropropane-d6	6.73	67	114380	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.52%
41) Toluene-d8	7.93	98	342024	43.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.70%
43) trans-1,3-Dichloropropene-	8.21	79	54740	45.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.08%
47) 2-Hexanone-d5	8.68	63	141494	119.40	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.40%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	188122	50.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.14%
64) 1,2-Dichlorobenzene-d4	12.21	152	150621	44.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.28%

Target Compounds

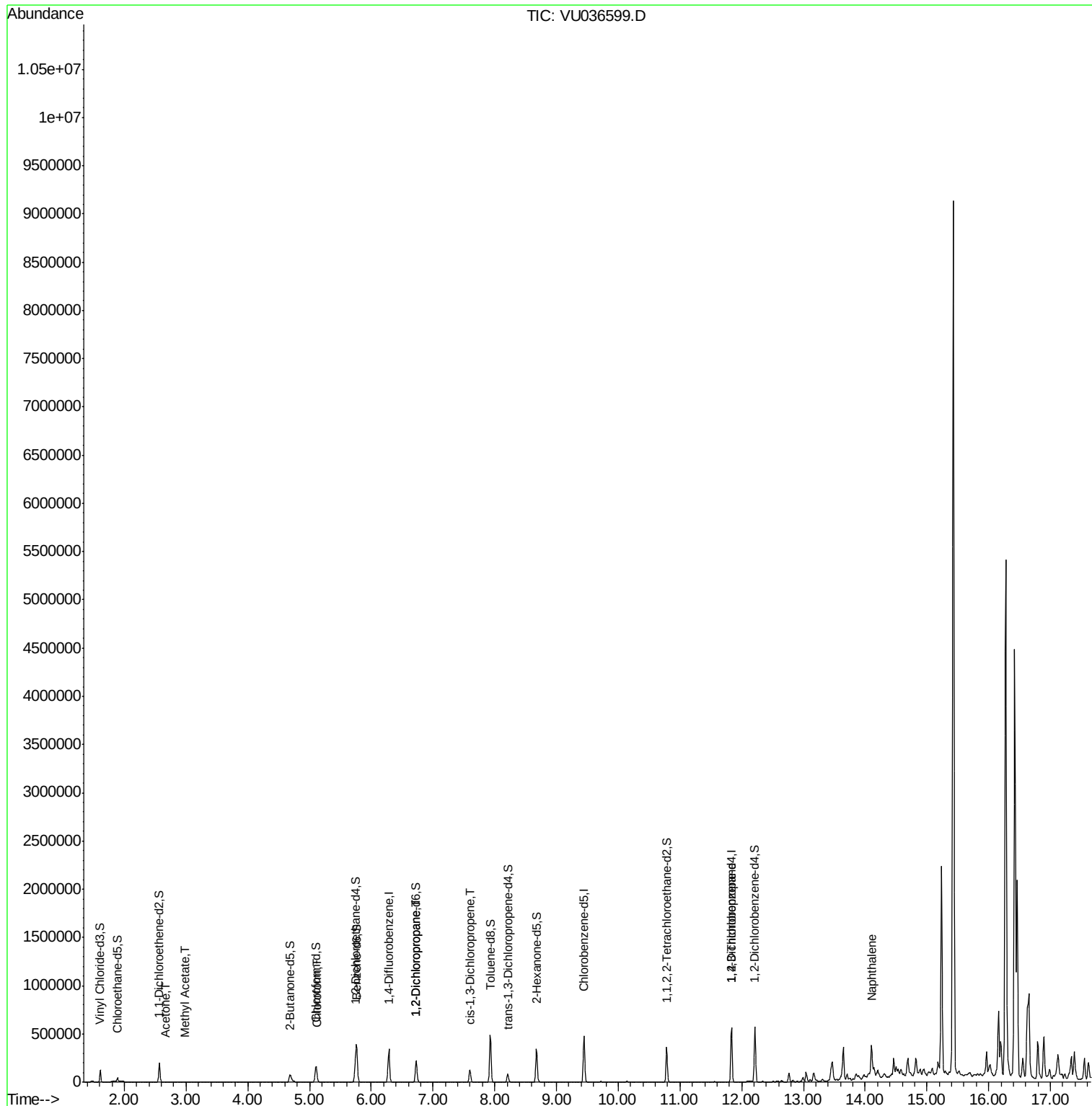
					Qvalue
13) Acetone	2.67	43	2038	1.580 ug/L	91
15) Methyl Acetate	2.98	43	2012	0.998 ug/L #	88
25) Chloroform	5.13	83	3796	1.038 ug/L	87
37) 1,2-Dichloropropane	6.73	63	11427	5.158 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2929	0.821 ug/L #	61
59) 1,2,3-Trichloropropane	11.83	75	17508	5.847 ug/L	96
69) Naphthalene	14.10	128	268759	35.568 ug/L	99

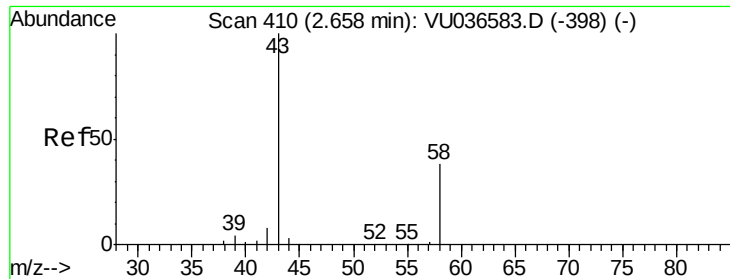
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.580 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.02 min

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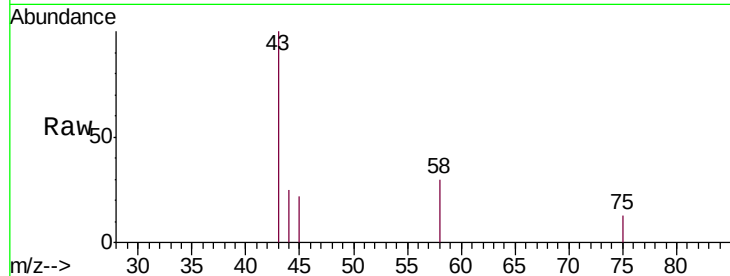
GAT08

Tgt Ion: 43 Resp: 2038

Ion Ratio Lower Upper

43 100

58 32.3 0.0 75.4



Abundance Ion 43.00 (42.70 to 43.70): VU036583.D (-398) (-)

Ion 58.00 (57.70 to 58.70): VU036583.D (-398) (-)

2.67

1200

1000

800

600

400

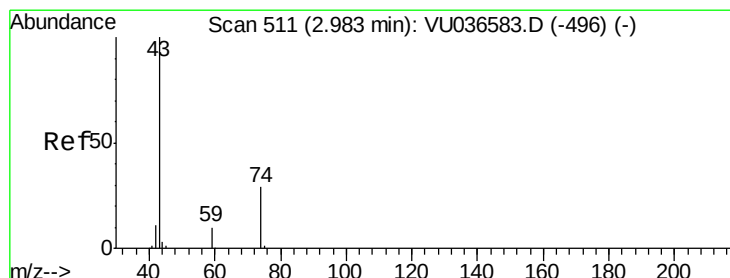
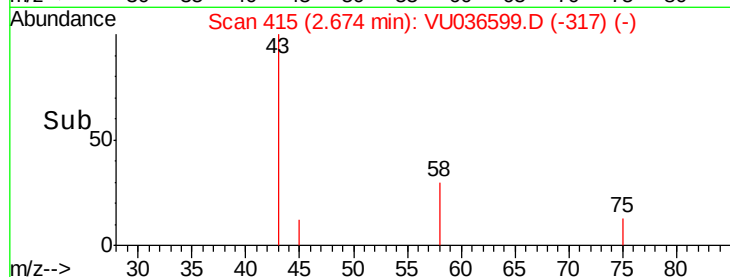
200

0

2.65

2.70

Time-->



#15

Methyl Acetate

Concen: 0.998 ug/L

RT: 2.98 min Scan# 511

Delta R.T. 0.00 min

Lab File: VU036599.D

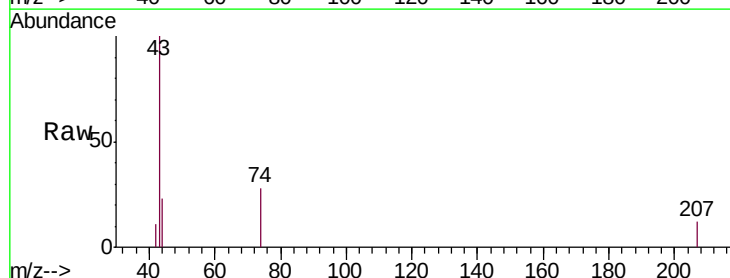
Acq: 29 Jan 2020 17:46

Tgt Ion: 43 Resp: 2012

Ion Ratio Lower Upper

43 100

74 22.4 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VU036583.D (-496) (-)

Ion 74.00 (73.70 to 74.70): VU036583.D (-496) (-)

2.98

1200

1000

800

600

400

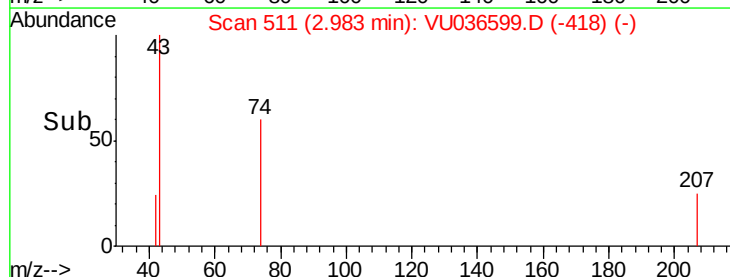
200

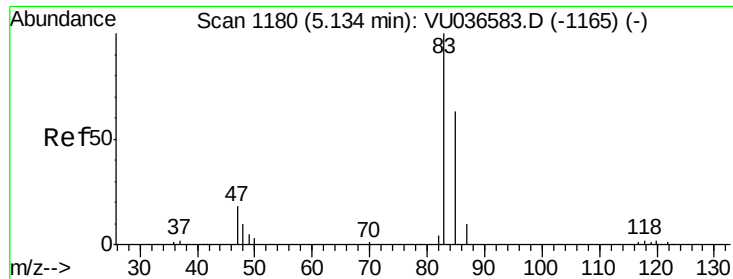
0

2.95

3.00

Time-->

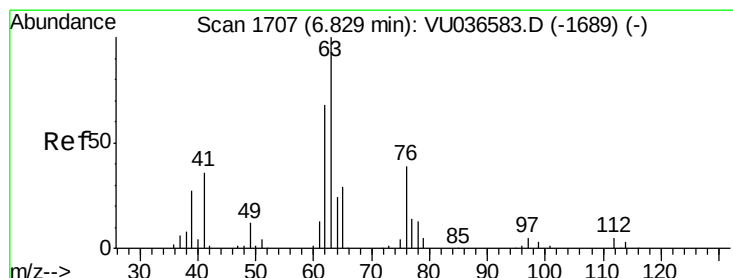
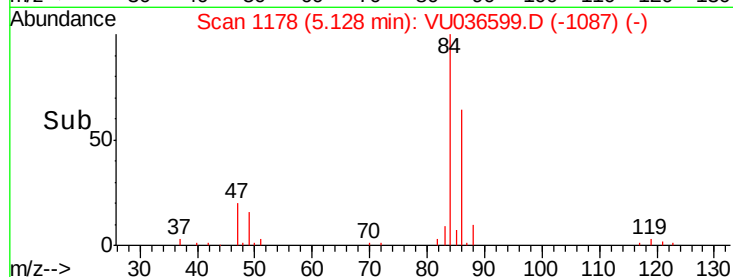
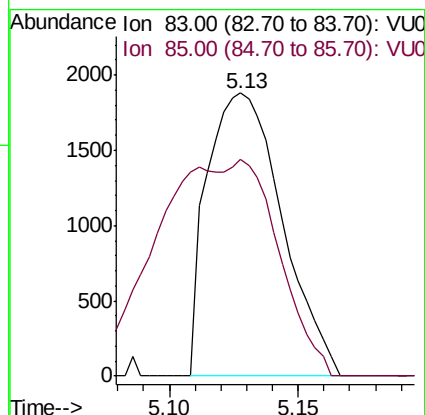
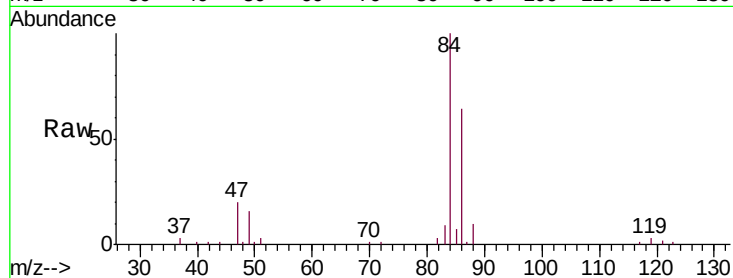




#25
Chloroform
Concen: 1.038 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.01 min
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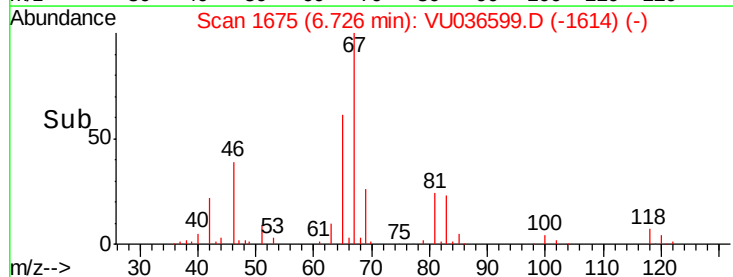
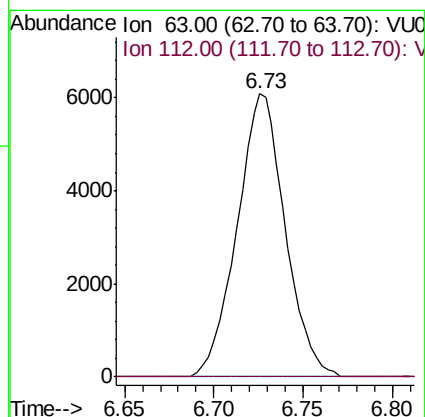
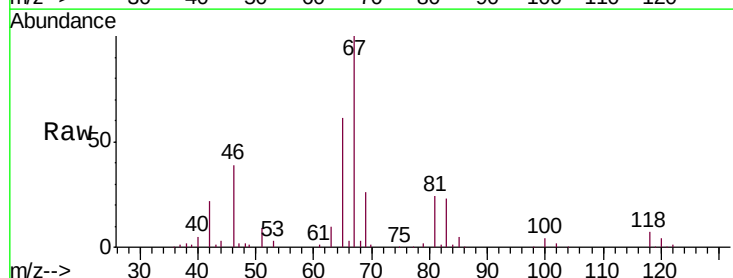
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GAT08

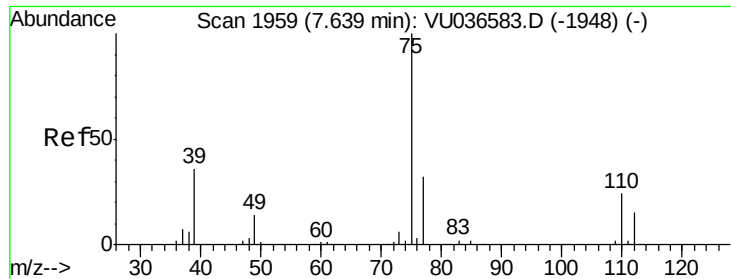
Tgt Ion: 83 Resp: 3796
Ion Ratio Lower Upper
83 100
85 76.7 46.3 85.9



#37
1,2-Dichloropropane
Concen: 5.158 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036599.D
Acq: 29 Jan 2020 17:46

Tgt Ion: 63 Resp: 11427
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

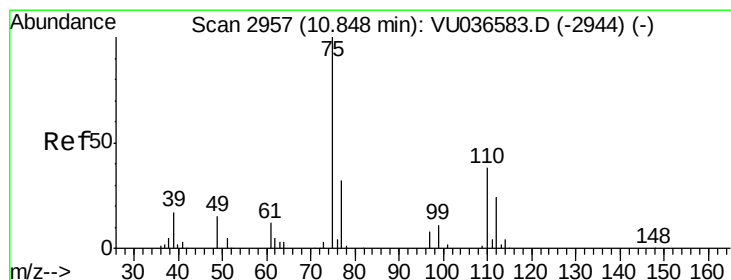
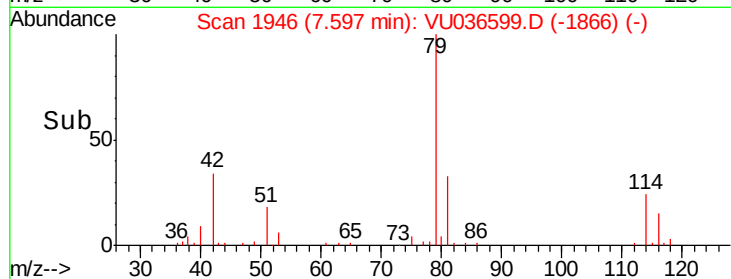
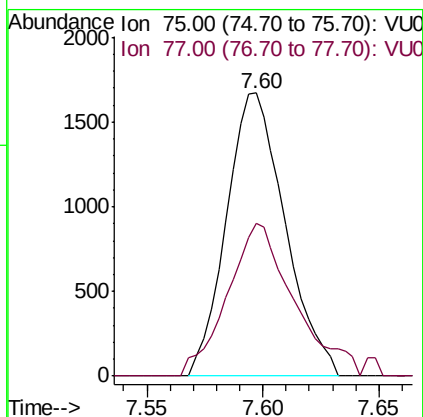
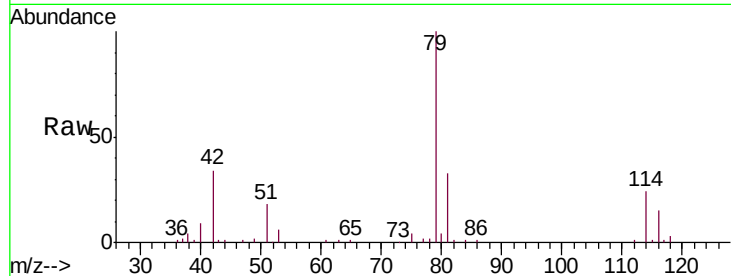




#39
 cis-1,3-Dichloropropene
 Concen: 0.821 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036599.D
 Acq: 29 Jan 2020 17:46

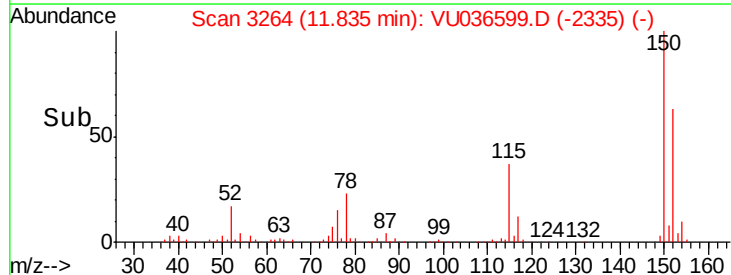
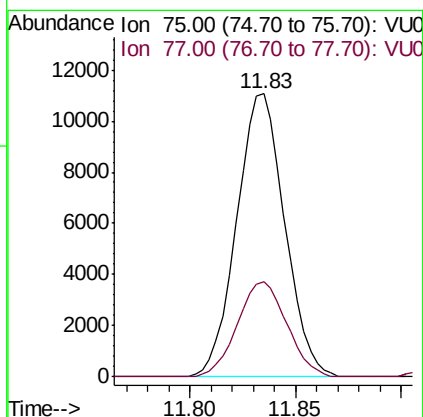
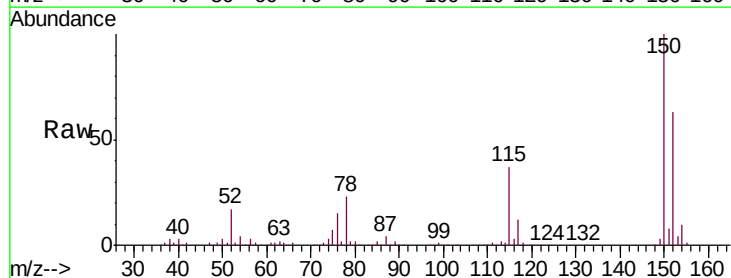
Instrument :
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 ClientSampleId :
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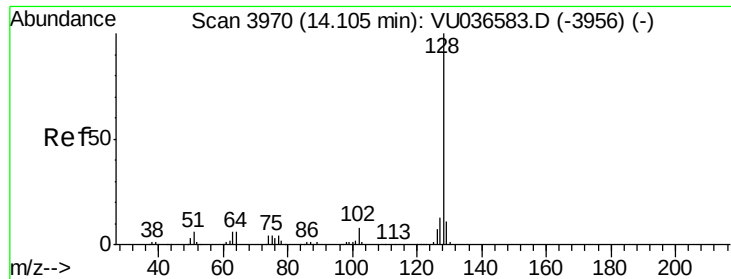
Tgt Ion: 75 Resp: 2929
 Ion Ratio Lower Upper
 75 100
 77 54.0 22.5 41.9#



#59
 1,2,3-Trichloropropane
 Concen: 5.847 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.99 min
 Lab File: VU036599.D
 Acq: 29 Jan 2020 17:46

Tgt Ion: 75 Resp: 17508
 Ion Ratio Lower Upper
 75 100
 77 34.8 26.2 39.2





#69

Naphthalene

Concen: 35.568 ug/L

RT: 14.10 min Scan# 3969

Delta R.T. -0.00 min

Lab File: VU036599.D

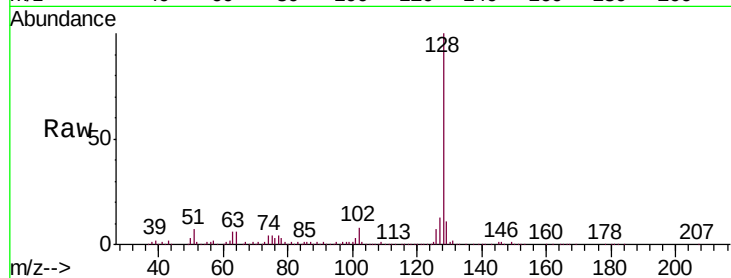
Acq: 29 Jan 2020 17:46

Instrument :

MSVOA_U

ClientSampleId :

GAT08



Tgt Ion:128 Resp: 268759

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.2 8.6 12.8

