

Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ78

Quant Time: May 02 02:26:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1123120	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1072361	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	502305	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	381389	40.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.14%
7) Chloroethane-d5	1.68	69	258062	35.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.06%
11) 1,1-Dichloroethene-d2	2.25	63	578221	30.89	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.78%
21) 2-Butanone-d5	4.21	46	757230	88.91	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.91%
24) Chloroform-d	4.64	84	695866	40.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.84%
26) 1,2-Dichloroethane-d4	5.31	65	482579	42.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.82%
32) Benzene-d6	5.33	84	1459150	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.62%
36) 1,2-Dichloropropane-d6	6.32	67	521795	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.08%
41) Toluene-d8	7.56	98	1246448	43.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.92%
43) trans-1,3-Dichloropropene-	7.85	79	224795	45.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.40%
47) 2-Hexanone-d5	8.34	63	566581	112.99	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.99%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	678595	43.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	461705	43.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.42%

Target Compounds

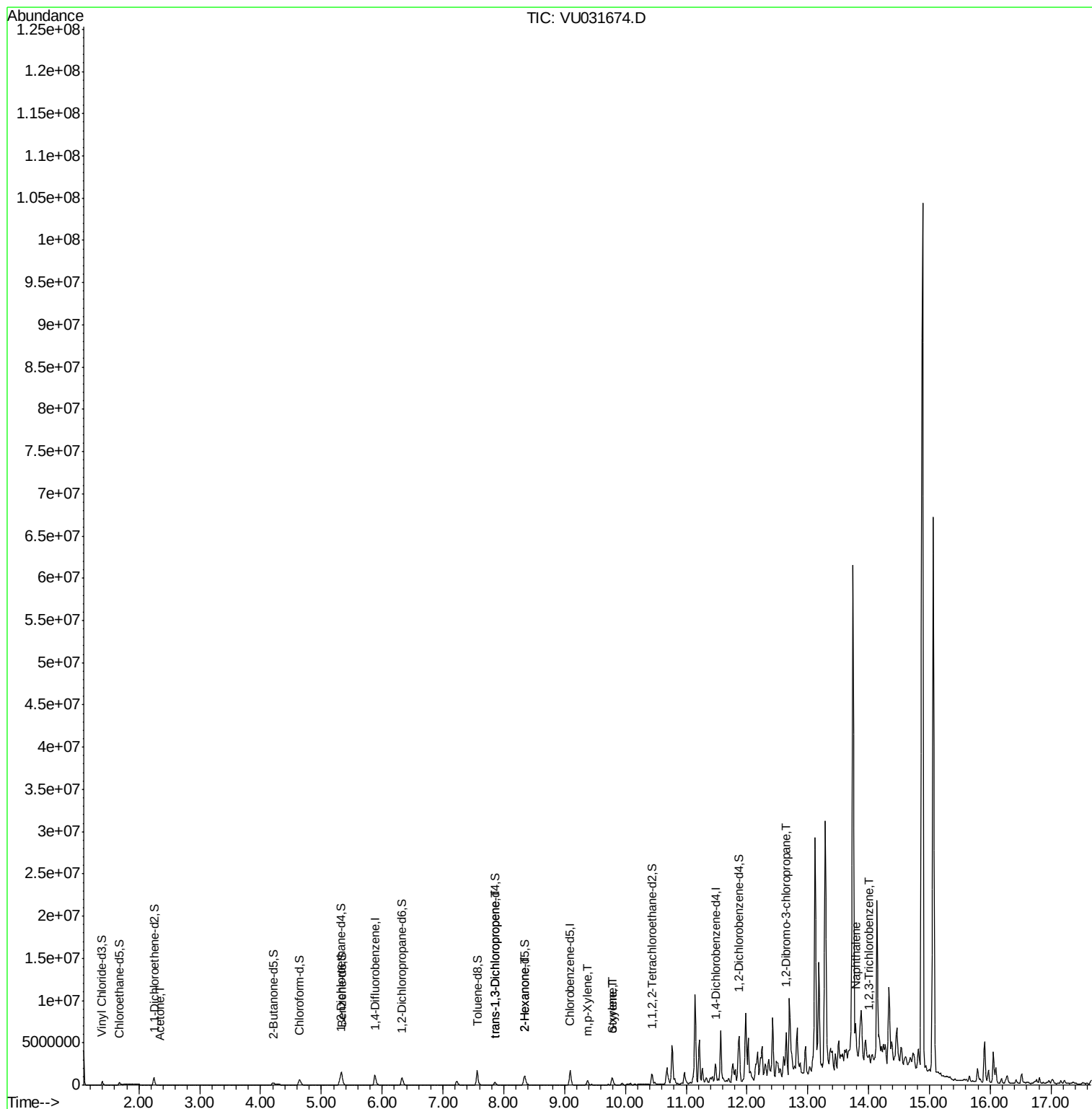
					Qvalue
13) Acetone	2.35	43	5890	0.614 ug/L	88
44) trans-1,3-Dichloropropene	7.86	75	8704	0.649 ug/L #	79
48) 2-Hexanone	8.34	43	37196	2.671 ug/L #	72
53) m,p-Xylene	9.38	106	151528	10.675 ug/L	96
54) o-xylene	9.78	106	207689	14.759 ug/L	97
55) Styrene	9.80	104	152152	6.329 ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.65	75	14123	3.444 ug/L #	23
69) Naphthalene	13.80	128	213611	6.355 ug/L #	9
70) 1,2,3-Trichlorobenzene	14.02	180	16554	1.475 ug/L #	1

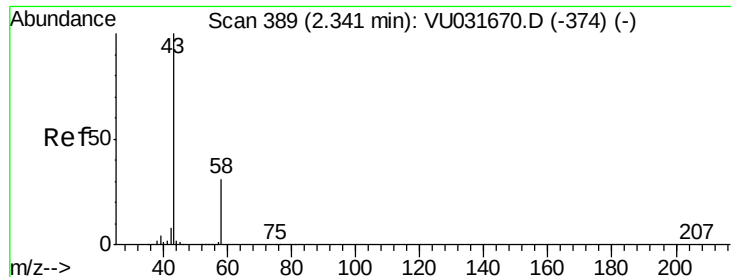
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.614 ug/L

RT: 2.35 min Scan# 391

Delta R.T. 0.01 min

Lab File: VU031674.D

Acq: 01 May 2019 11:14

Instrument :

MSVOA_U

ClientSampleId :

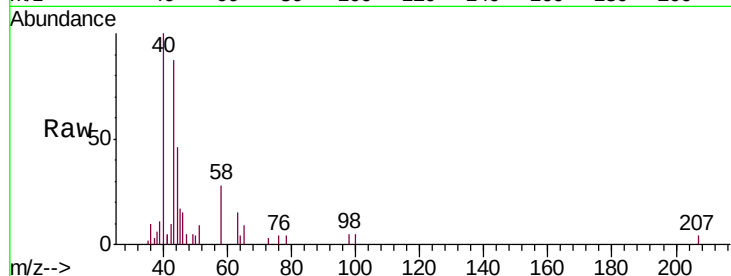
GAJ78

Tgt Ion: 43 Resp: 5890

Ion Ratio Lower Upper

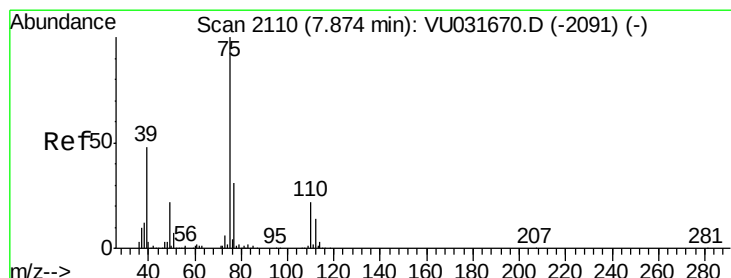
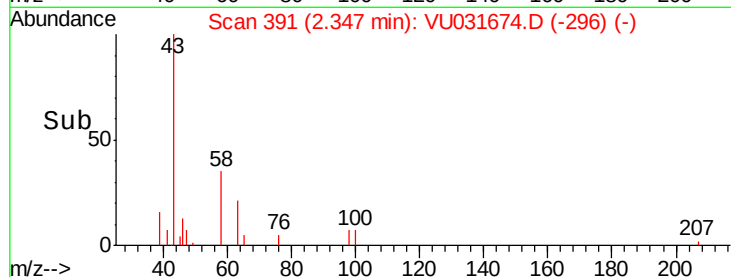
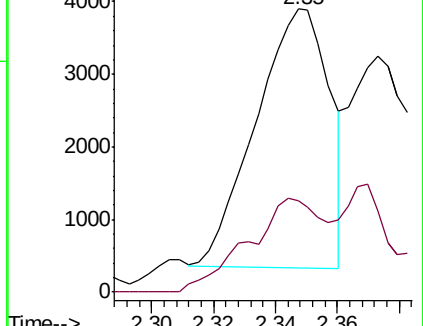
43 100

58 25.5 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031670.D (-374) (-)

Ion 58.00 (57.70 to 58.70): VU031670.D (-374) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.649 ug/L

RT: 7.86 min Scan# 2104

Delta R.T. -0.02 min

Lab File: VU031674.D

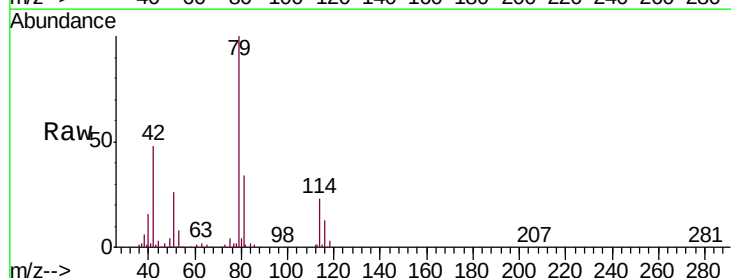
Acq: 01 May 2019 11:14

Tgt Ion: 75 Resp: 8704

Ion Ratio Lower Upper

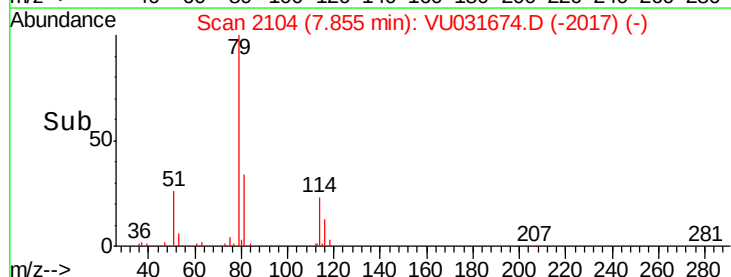
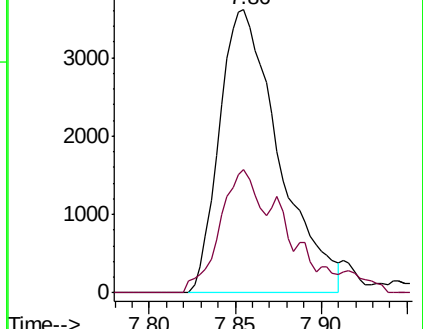
75 100

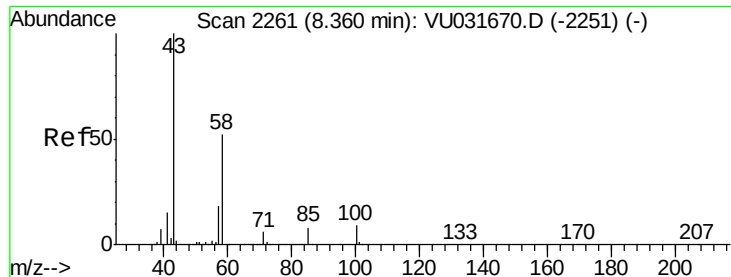
77 43.4 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU031670.D (-2091) (-)

Ion 77.00 (76.70 to 77.70): VU031670.D (-2091) (-)

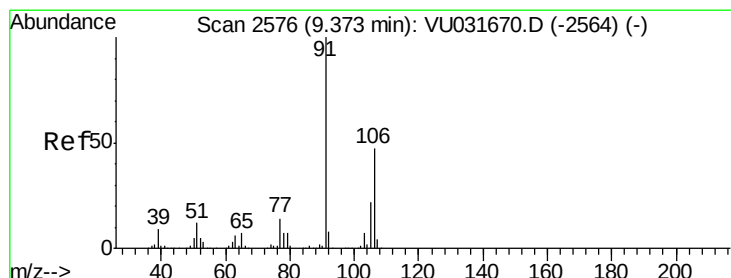
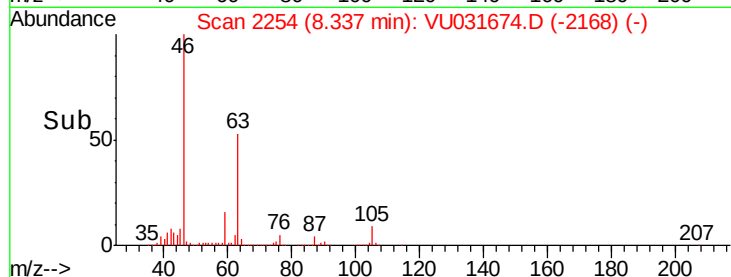
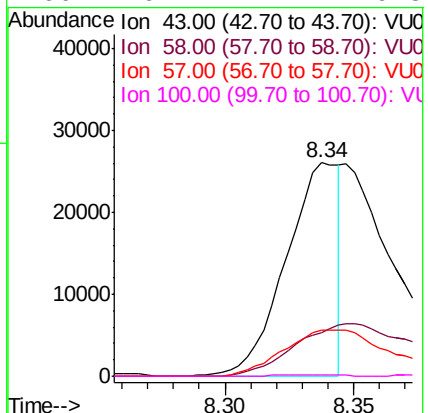
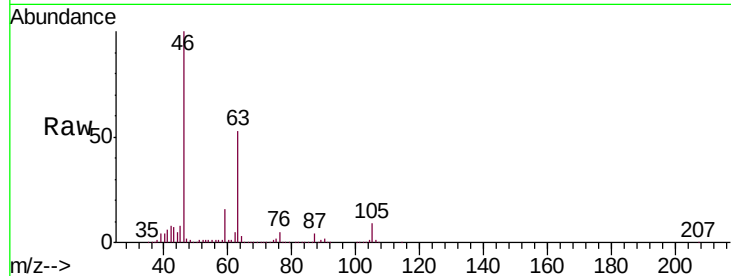




#48
2-Hexanone
Concen: 2.671 ug/L
RT: 8.34 min Scan# 2254
Delta R.T. -0.02 min
Lab File: VU031674.D
Acq: 01 May 2019 11:14

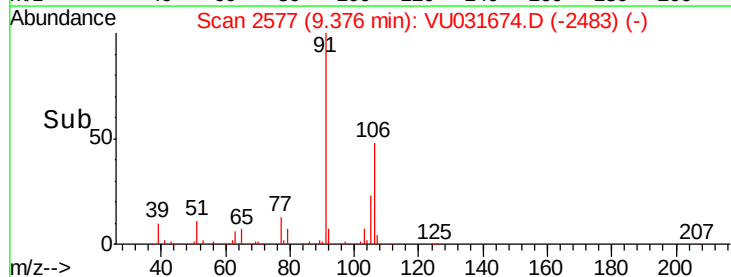
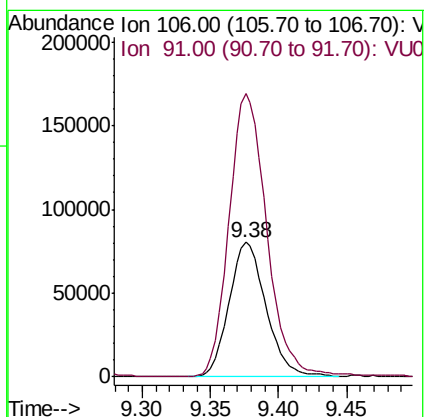
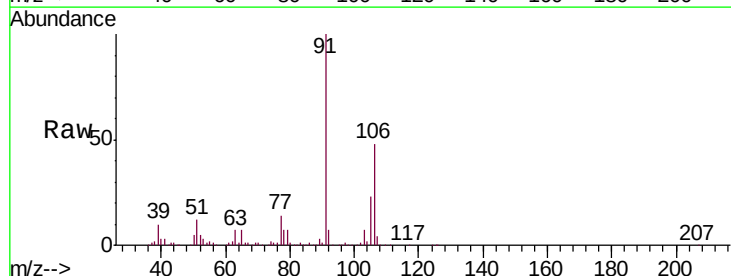
Instrument :
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GAJ78

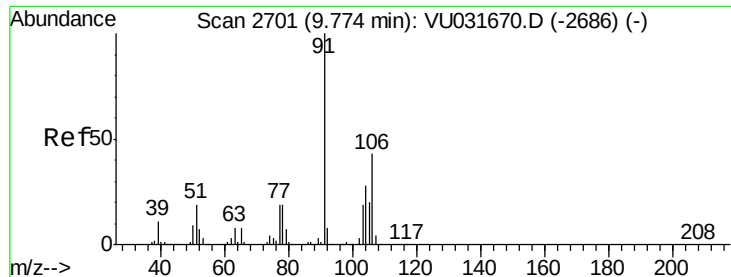
Tgt Ion: 43 Resp: 37196
Ion Ratio Lower Upper
43 100
58 65.2 42.1 63.1#
57 44.1 14.6 22.0#
100 0.4 7.2 10.8#



#53
m,p-Xylene
Concen: 10.675 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU031674.D
Acq: 01 May 2019 11:14

Tgt Ion: 106 Resp: 151528
Ion Ratio Lower Upper
106 100
91 210.3 152.2 282.6





#54

o-xylene

Concen: 14.759 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU031674.D

Acq: 01 May 2019 11:14

Instrument :

MSVOA_U

ClientSampleId :

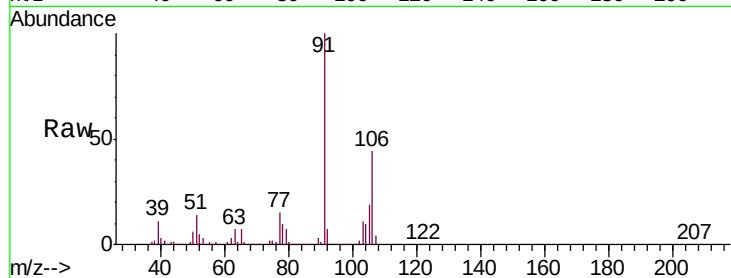
GAJ78

Tgt Ion:106 Resp: 207689

Ion Ratio Lower Upper

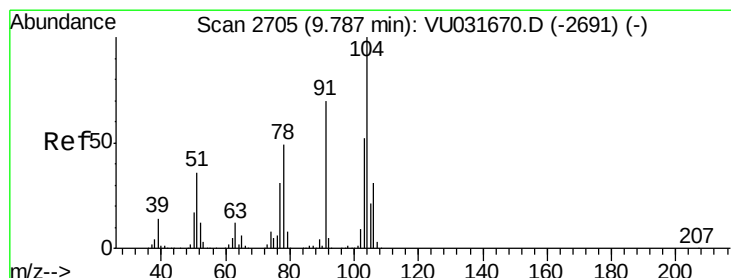
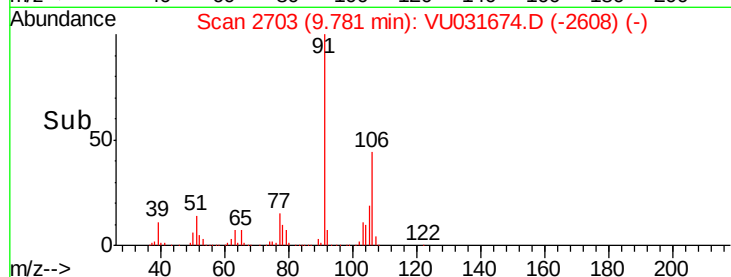
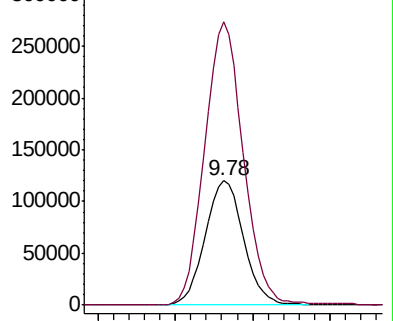
106 100

91 227.9 163.2 303.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 6.329 ug/L

RT: 9.80 min Scan# 2708

Delta R.T. 0.01 min

Lab File: VU031674.D

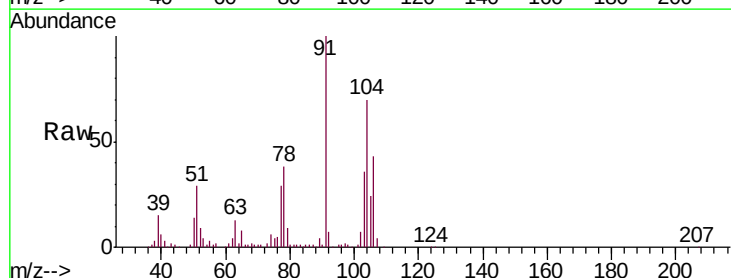
Acq: 01 May 2019 11:14

Tgt Ion:104 Resp: 152152

Ion Ratio Lower Upper

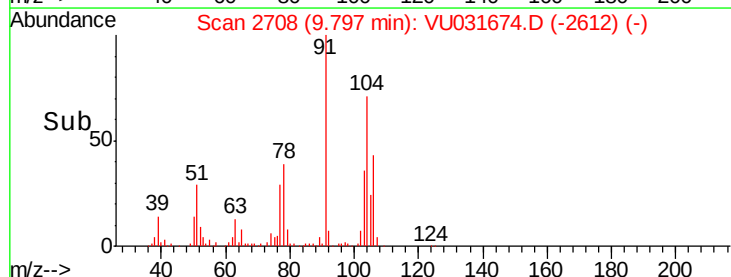
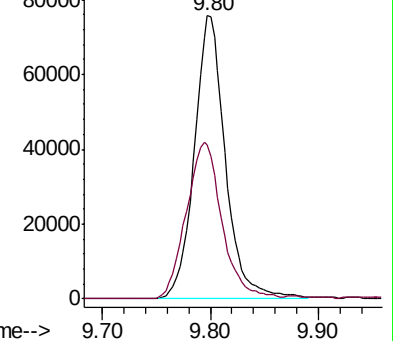
104 100

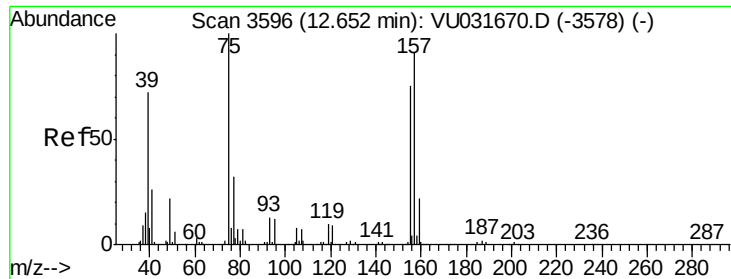
78 54.6 35.4 65.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

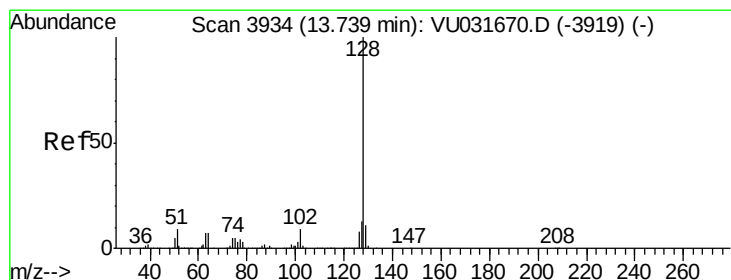
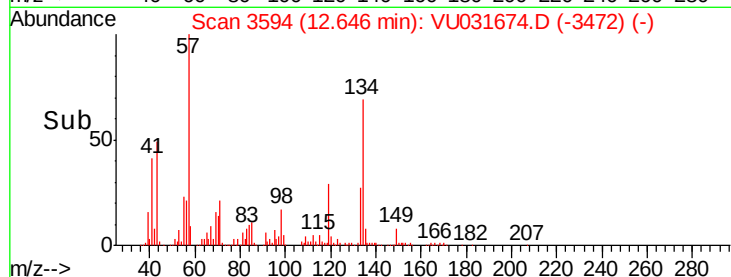
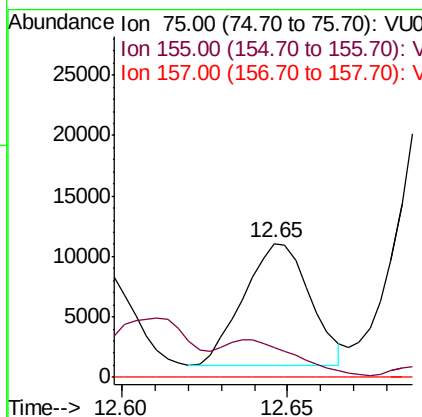
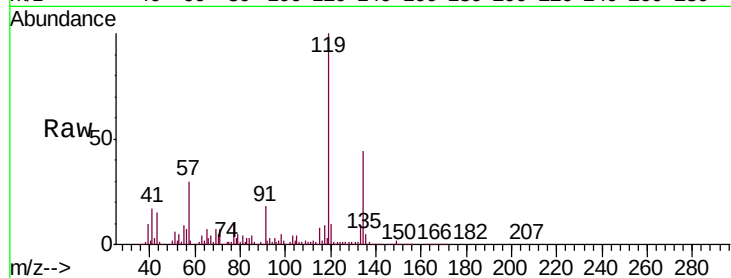




#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.444 ug/L
 RT: 12.65 min Scan# 3594
 Delta R.T. -0.01 min
 Lab File: VU031674.D
 Acq: 01 May 2019 11:14

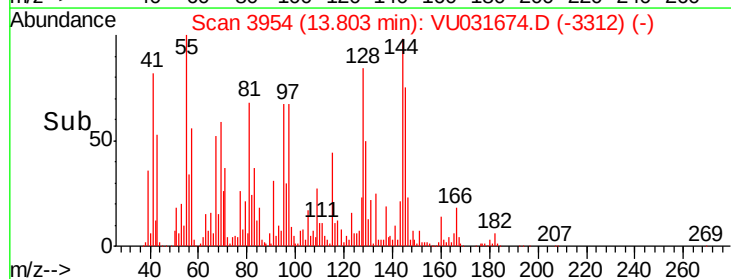
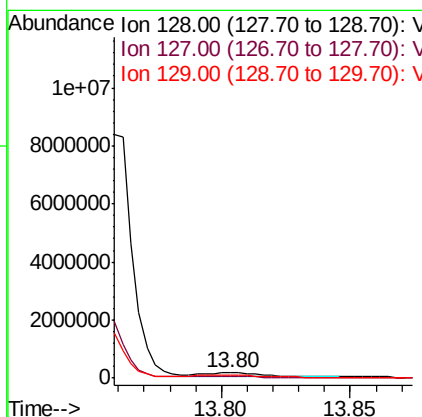
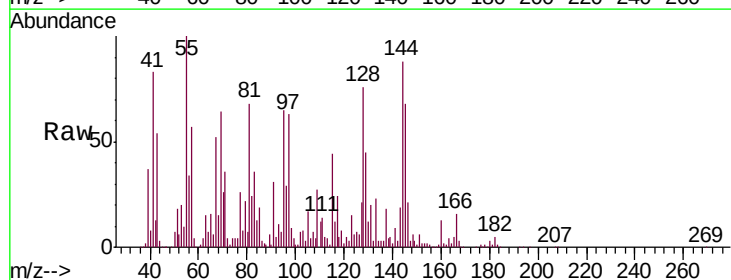
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 ClientSampleId :
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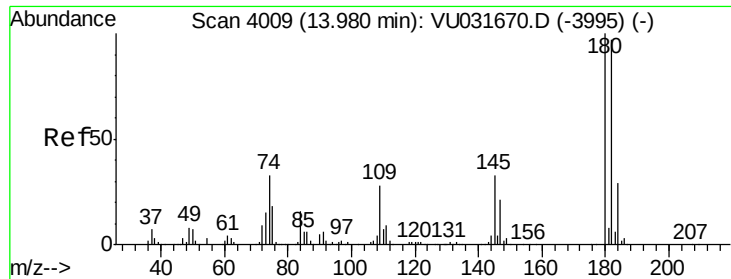
Tgt Ion: 75 Resp: 14123
 Ion Ratio Lower Upper
 75 100
 155 22.3 54.0 81.0#
 157 0.0 69.1 103.7#



#69
 Naphthalene
 Concen: 6.355 ug/L
 RT: 13.80 min Scan# 3954
 Delta R.T. 0.06 min
 Lab File: VU031674.D
 Acq: 01 May 2019 11:14

Tgt Ion: 128 Resp: 213611
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 15.8#
 129 71.9 8.7 13.1#





#70
 1,2,3-Trichlorobenzene
 Concen: 1.475 ug/L
 RT: 14.02 min Scan# 4020
 Delta R.T. 0.04 min
 Lab File: VU031674.D
 Acq: 01 May 2019 11:14

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ78

Tgt Ion:180 Resp: 16554
 Ion Ratio Lower Upper
 180 100
 182 1.0 76.1 114.1#
 145 2417.4 26.0 39.0#

