

Data File : VU035647.D
Acq On : 06 Nov 2019 15:11
Operator : JC/SP
Sample : K5716-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE894

Quant Time: Nov 07 04:51:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 07 04:46:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	627532	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	609948	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	175897	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	168379	33.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.44%
7) Chloroethane-d5	1.94	69	161998	40.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.04%
11) 1,1-Dichloroethene-d2	2.74	63	227	0.03	ug/L	0.14
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.69	46	268877	90.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.82%
24) Chloroform-d	5.12	84	357955	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.46%
26) 1,2-Dichloroethane-d4	5.75	65	223555	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.24%
32) Benzene-d6	5.77	84	728485	45.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.64%
36) 1,2-Dichloropropane-d6	6.74	67	244839	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.98%
41) Toluene-d8	7.93	98	662410	44.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.34%
43) trans-1,3-Dichloropropene-	8.21	79	106822	44.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.96%
47) 2-Hexanone-d5	8.68	63	169738	85.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.90%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	330687	45.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	177031	49.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

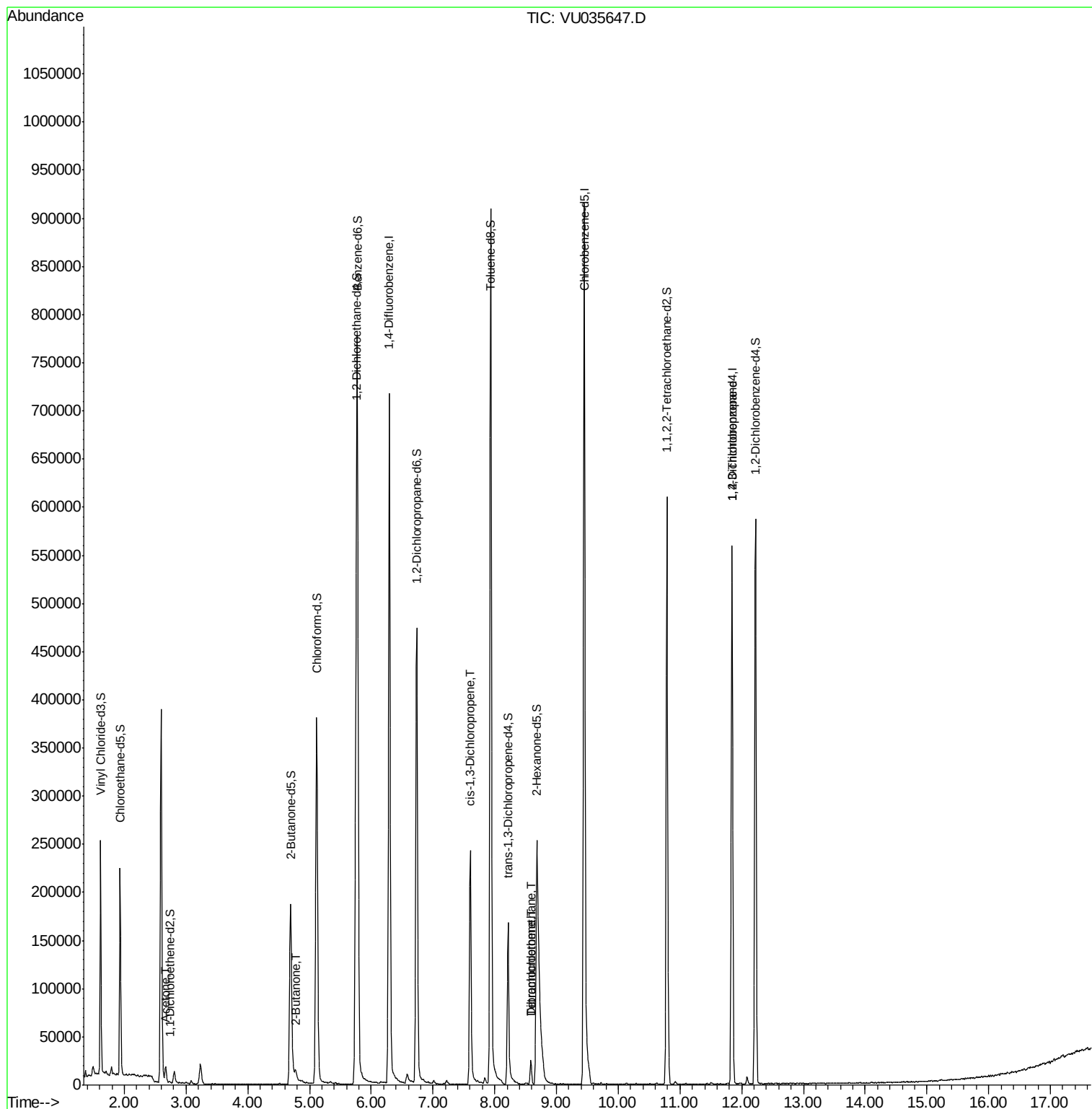
					Qvalue
13) Acetone	2.67	43	17265	6.628 ug/L	96
22) 2-Butanone	4.78	43	10263	2.985 ug/L	99
39) cis-1,3-Dichloropropene	7.60	75	5696	0.835 ug/L #	46
46) Tetrachloroethene	8.58	164	5721	1.570 ug/L	81
49) Dibromochloromethane	8.58	129	5568	1.122 ug/L #	10
59) 1,2,3-Trichloropropane	11.84	75	18185	3.038 ug/L	90

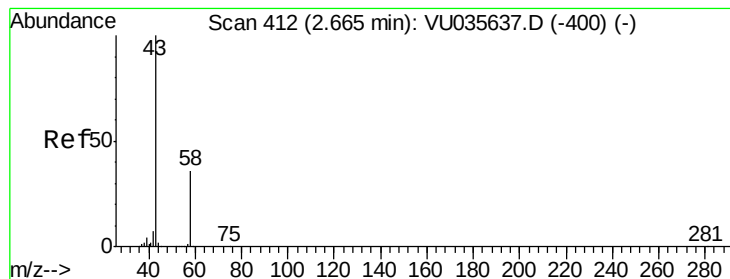
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.628 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

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Acq: 06 Nov 2019 15:11

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MSVOA_U

ClientSampleId :

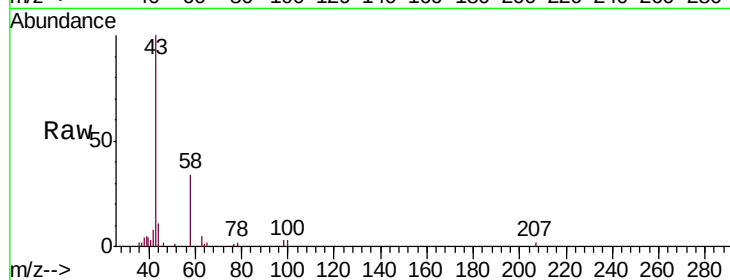
BE894

Tgt Ion: 43 Resp: 17265

Ion Ratio Lower Upper

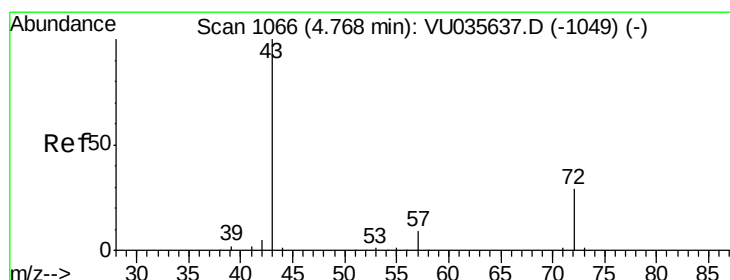
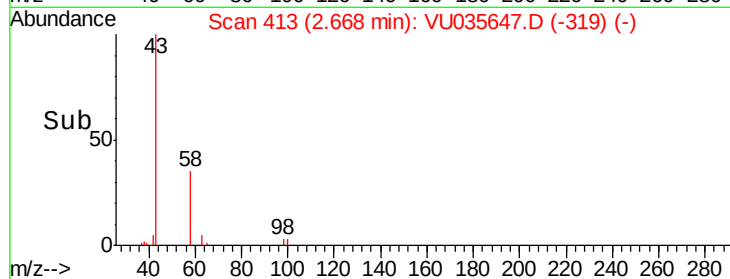
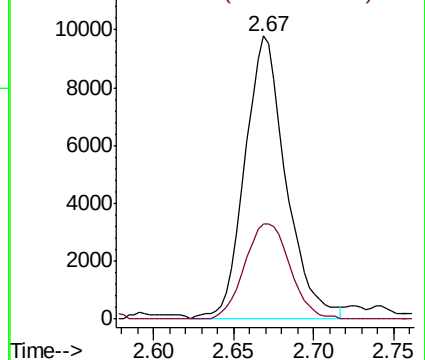
43 100

58 37.1 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU035637.D (-400) (-)

Ion 58.00 (57.70 to 58.70): VU035637.D (-400) (-)



#22

2-Butanone

Concen: 2.985 ug/L

RT: 4.78 min Scan# 1069

Delta R.T. 0.01 min

Lab File: VU035647.D

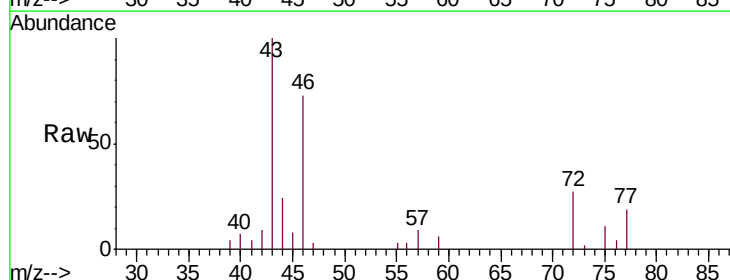
Acq: 06 Nov 2019 15:11

Tgt Ion: 43 Resp: 10263

Ion Ratio Lower Upper

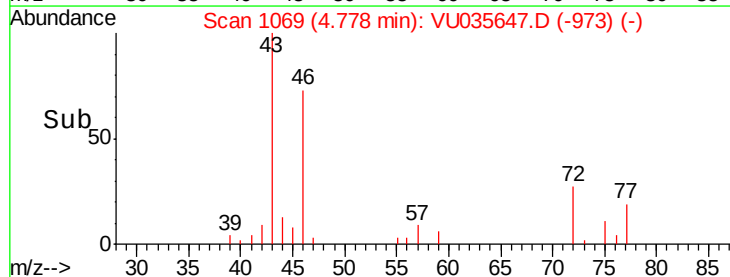
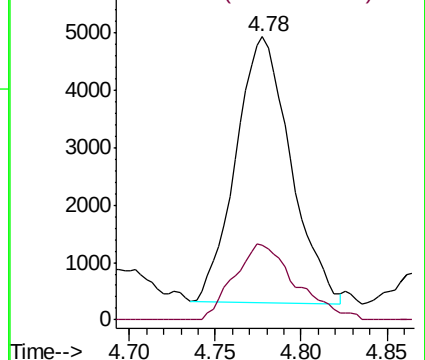
43 100

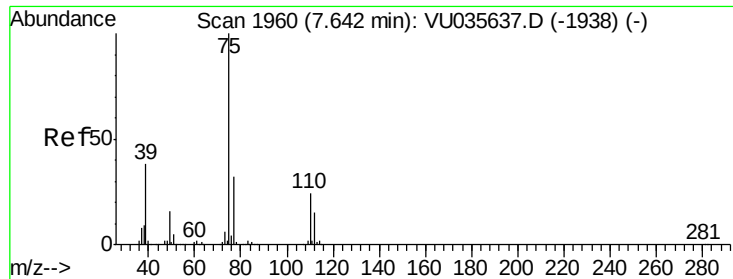
72 26.2 13.5 40.4



Abundance Ion 43.00 (42.70 to 43.70): VU035637.D (-1049) (-)

Ion 72.00 (71.70 to 72.70): VU035637.D (-1049) (-)

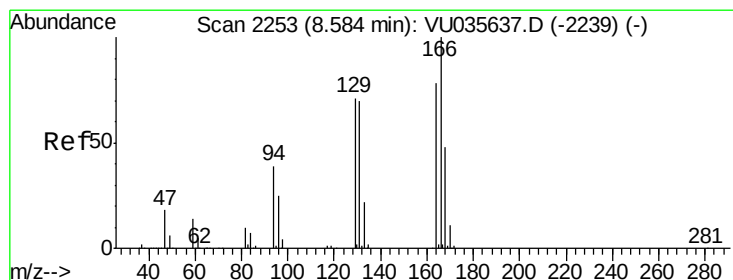
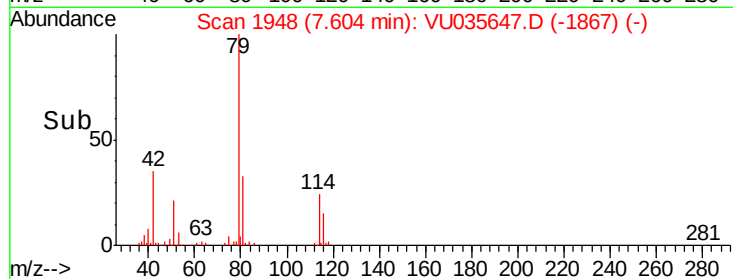
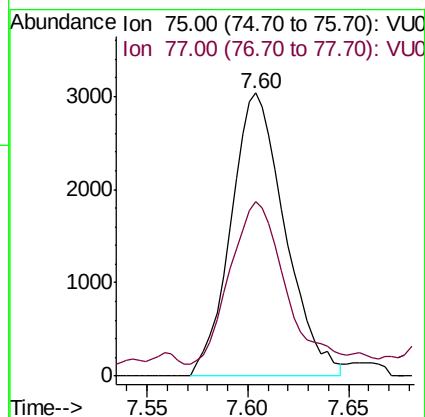
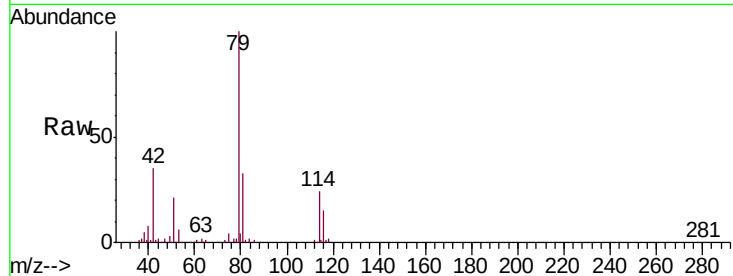




#39
 cis-1,3-Dichloropropene
 Concen: 0.835 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035647.D
 Acq: 06 Nov 2019 15:11

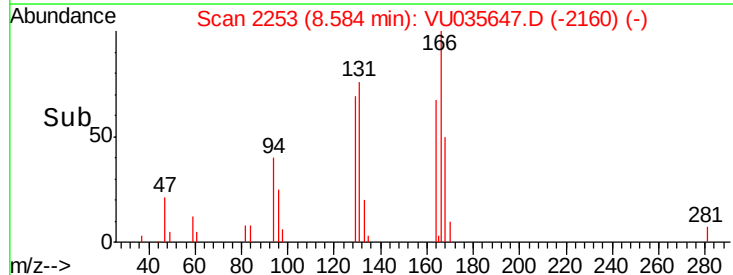
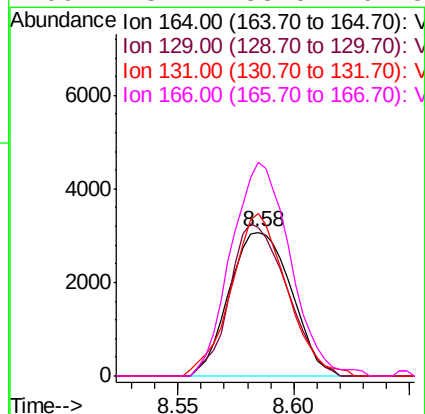
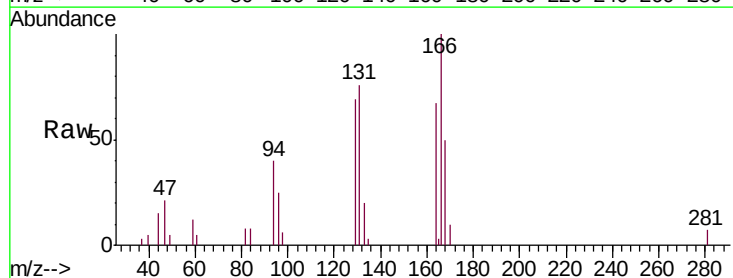
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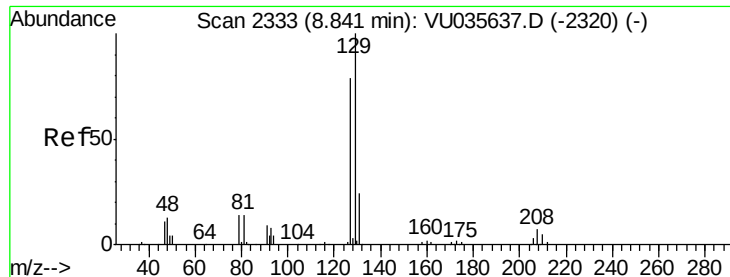
Tgt Ion: 75 Resp: 5696
 Ion Ratio Lower Upper
 75 100
 77 61.7 22.3 41.5#



#46
 Tetrachloroethene
 Concen: 1.570 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU035647.D
 Acq: 06 Nov 2019 15:11

Tgt Ion: 164 Resp: 5721
 Ion Ratio Lower Upper
 164 100
 129 103.0 64.1 119.1
 131 112.9 63.1 117.1
 166 148.4 88.5 164.3





#49

Dibromochloromethane

Concen: 1.122 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. -0.26 min

Lab File: VU035647.D

Acq: 06 Nov 2019 15:11

Instrument :

MSVOA_U

ClientSampleId :

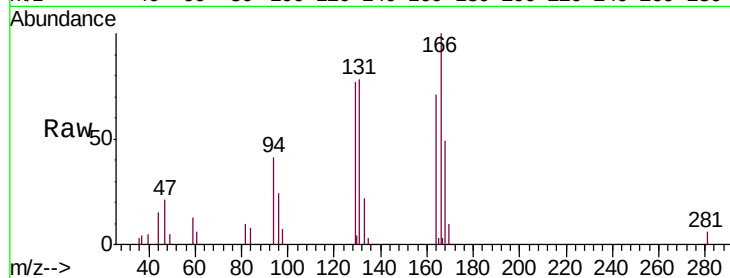
BE894

Tgt Ion:129 Resp: 5568

Ion Ratio Lower Upper

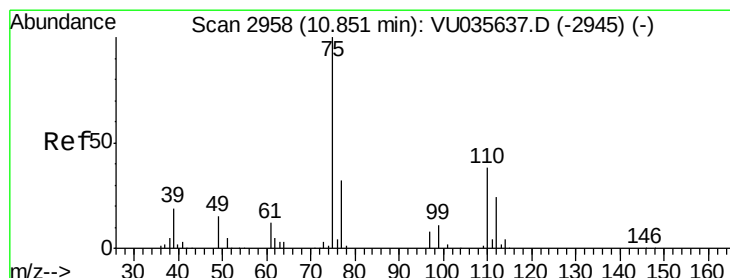
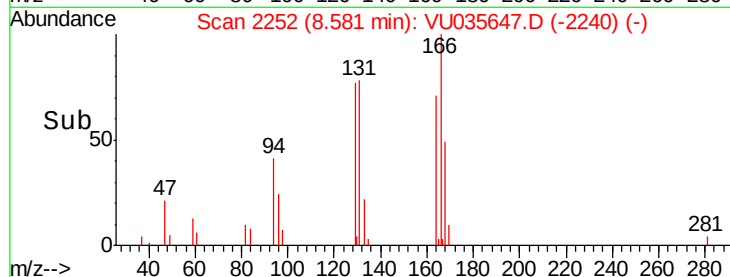
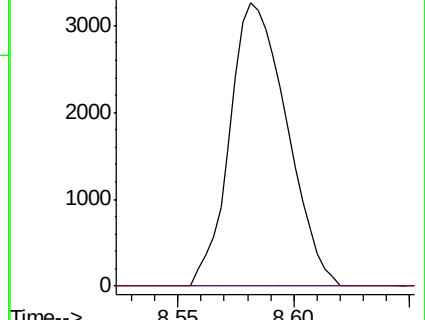
129 100

127 0.0 54.9 101.9#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 3.038 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035647.D

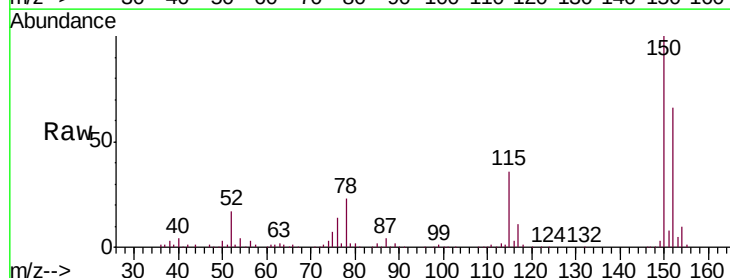
Acq: 06 Nov 2019 15:11

Tgt Ion: 75 Resp: 18185

Ion Ratio Lower Upper

75 100

77 37.8 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

