

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111819\
 Data File : VU035746.D
 Acq On : 18 Nov 2019 16:21
 Operator : JC/SP
 Sample : K5911-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQL3

Quant Time: Nov 19 02:42:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 00:32:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	190289	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	218059	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	73418	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	86582	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.93	69	81930	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.60	63	112234	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.70	46	224790	51.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.96%
24) Chloroform-d	5.11	84	154833	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.75	65	87410	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.77	84	313840	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.74	67	107465	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.93	98	257708	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	8.22	79	38577	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.71	63	152335	43.86	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.72%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	92614	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	73534	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

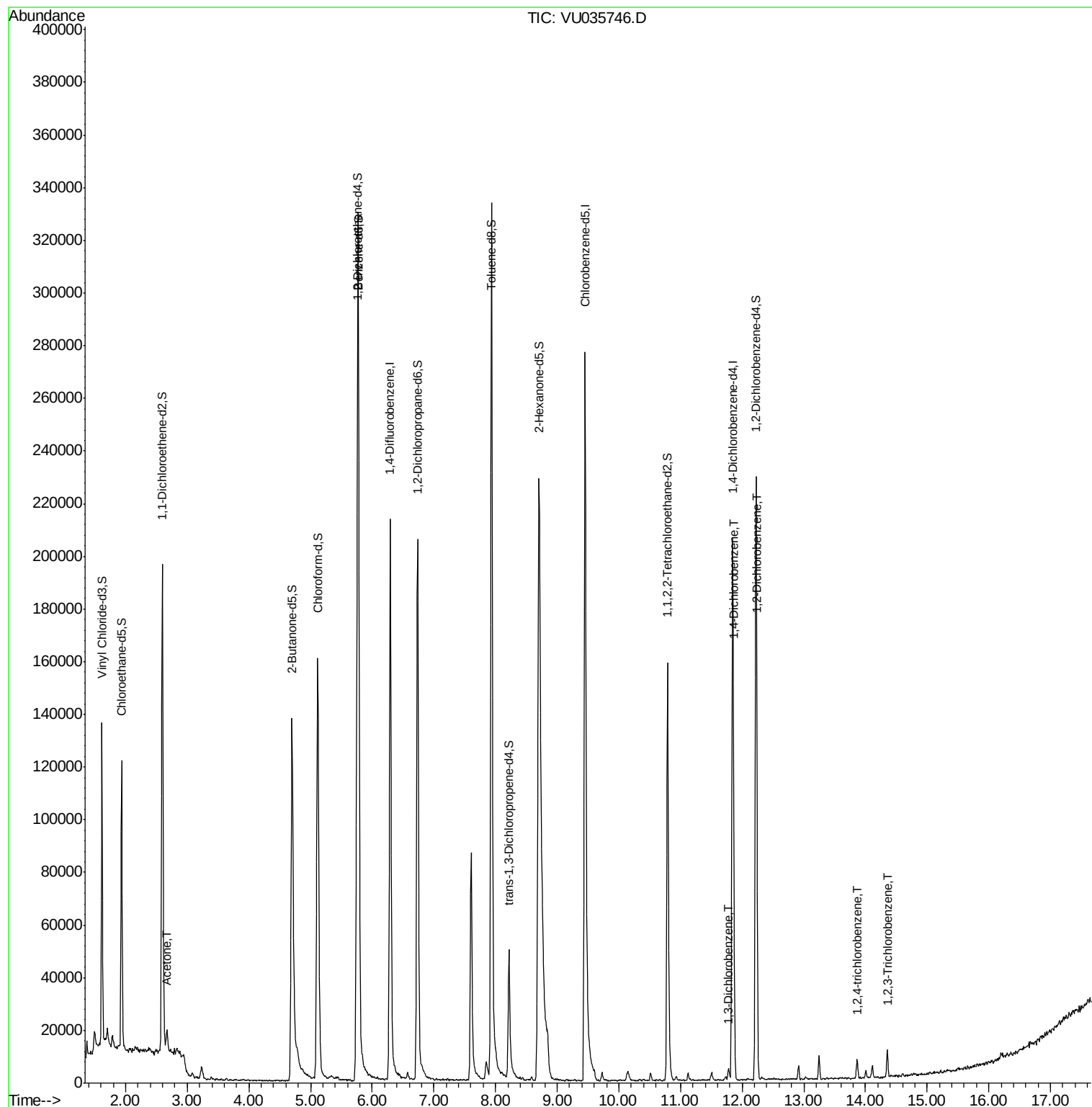
					Ovalue
13) Acetone	2.67	43	8564	2.747 ug/L	90
62) 1,3-Dichlorobenzene	11.78	146	2471	0.100 ug/L	98
63) 1,4-Dichlorobenzene	11.87	146	3034	0.128 ug/L #	88
65) 1,2-Dichlorobenzene	12.25	146	3831	0.165 ug/L	88
68) 1,2,4-trichlorobenzene	13.87	180	3026	0.316 ug/L	96
70) 1,2,3-Trichlorobenzene	14.36	180	3964	0.428 ug/L	96

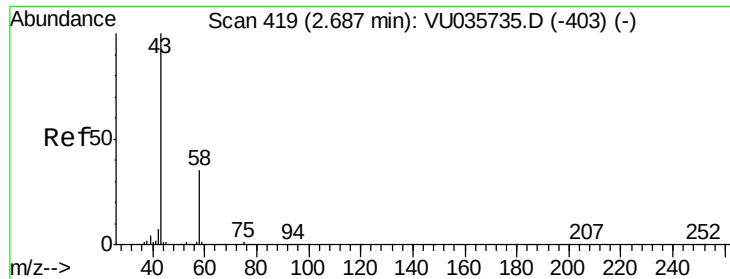
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.747 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

Lab File: VU035746.D

Acq: 18 Nov 2019 16:21

Instrument :

MSVOA_U

ClientSampleId :

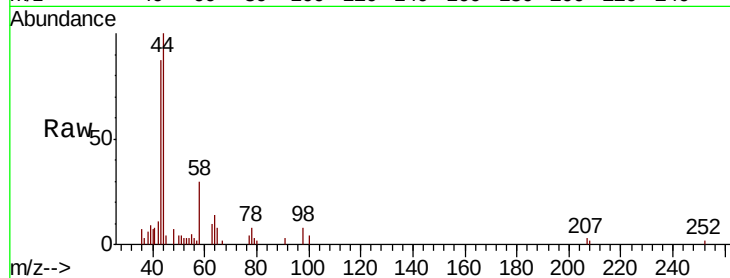
GAQL3

Tot Ion: 43 Resp: 8564

Ion Ratio Lower Upper

43 100

58 40.6 0.0 69.8

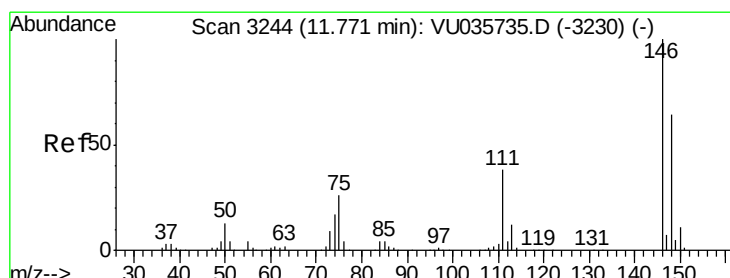
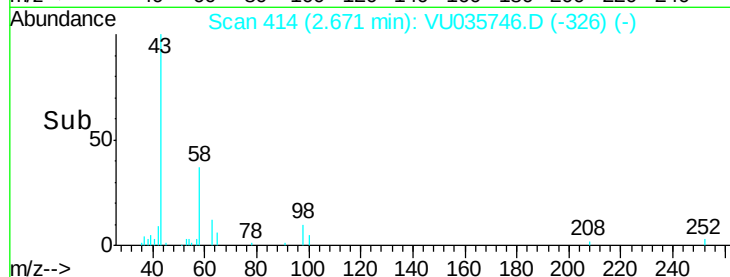


Abundance Ion 43.05 (42.75 to 43.75): VU035735.D (-403) (-)

Ion 58.05 (57.75 to 58.75): VU035735.D (-403) (-)

2.67

Time-->



#62

1,3-Dichlorobenzene

Concen: 0.100 ug/L

RT: 11.78 min Scan# 3247

Delta R.T. 0.01 min

Lab File: VU035746.D

Acq: 18 Nov 2019 16:21

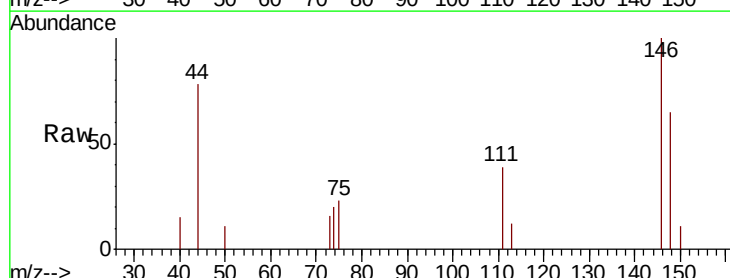
Tgt Ion: 146 Resp: 2471

Ion Ratio Lower Upper

146 100

111 39.4 26.7 49.5

148 65.3 44.5 82.7



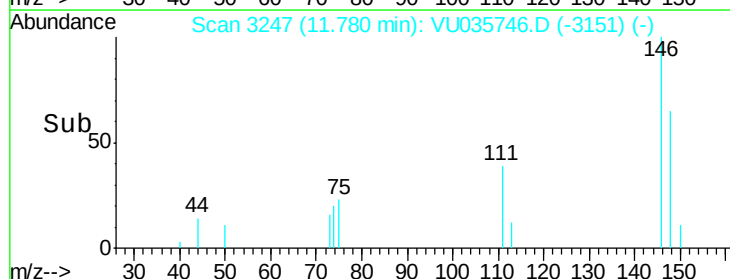
Abundance Ion 145.95 (145.65 to 146.65): VU035735.D (-3230) (-)

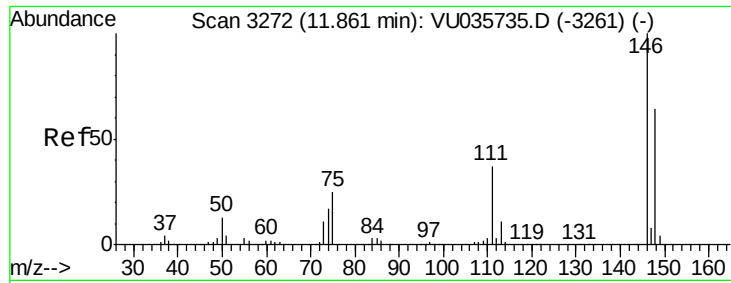
Ion 111.00 (110.70 to 111.70): VU035735.D (-3230) (-)

Ion 148.00 (147.70 to 148.70): VU035735.D (-3230) (-)

11.78

Time-->

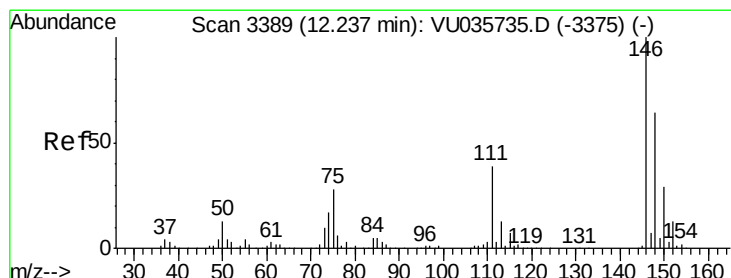
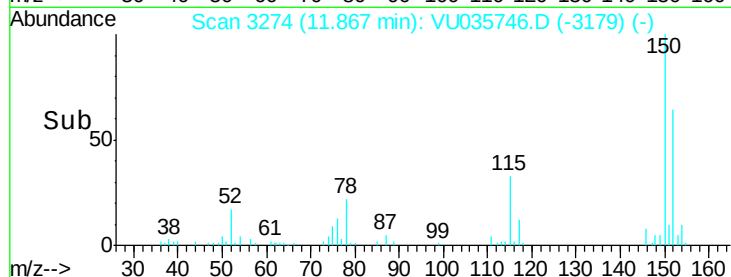
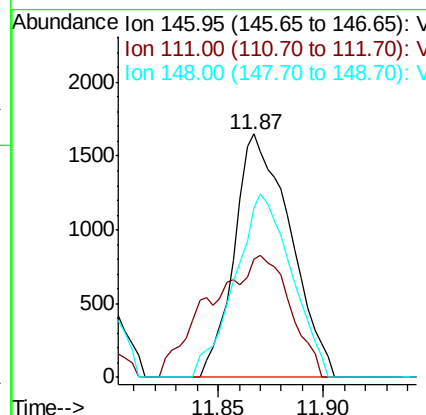
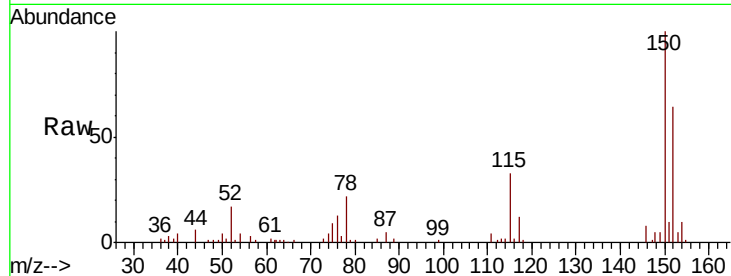




#63
 1,4-Dichlorobenzene
 Concen: 0.128 ug/L
 RT: 11.87 min Scan# 3274
 Delta R.T. 0.01 min
 Lab File: VU035746.D
 Acq: 18 Nov 2019 16:21

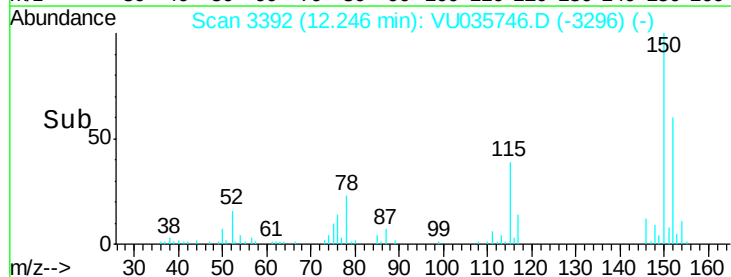
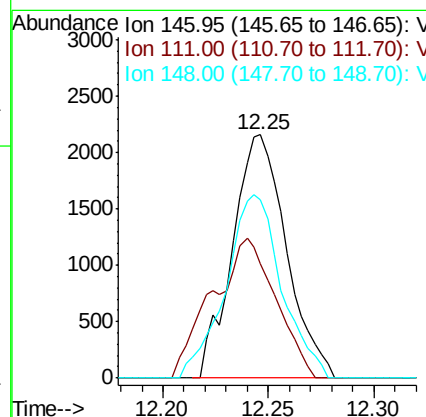
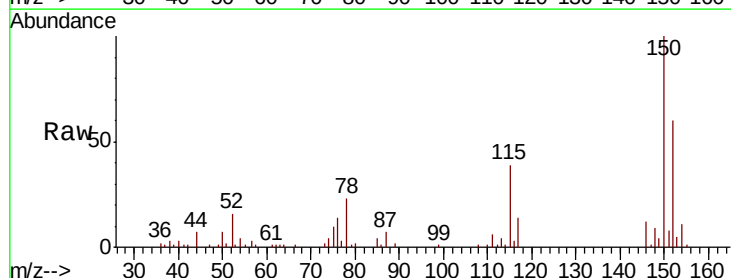
Instrument :
 MSVOA_U
 ClientSampled :
 GAQL3

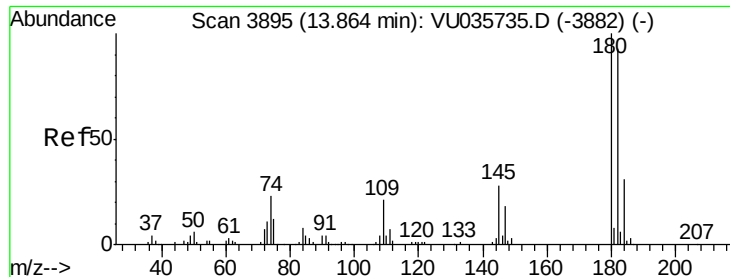
Tot Ion:146 Resp: 3034
 Ion Ratio Lower Upper
 146 100
 111 48.7 25.9 48.1#
 148 69.4 44.1 81.9



#65
 1,2-Dichlorobenzene
 Concen: 0.165 ug/L
 RT: 12.25 min Scan# 3392
 Delta R.T. 0.01 min
 Lab File: VU035746.D
 Acq: 18 Nov 2019 16:21

Tgt Ion:146 Resp: 3831
 Ion Ratio Lower Upper
 146 100
 111 46.7 32.2 48.4
 148 73.5 50.7 76.1

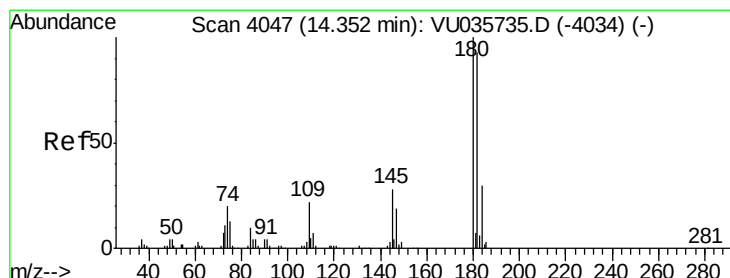
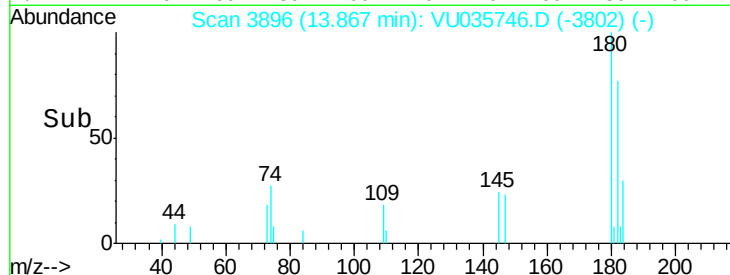
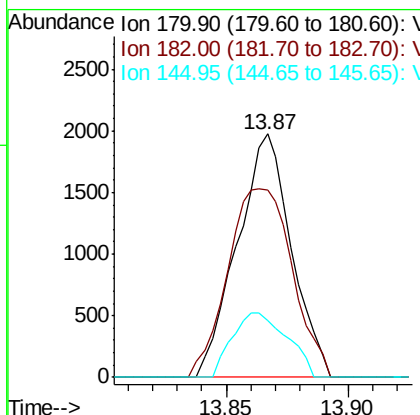
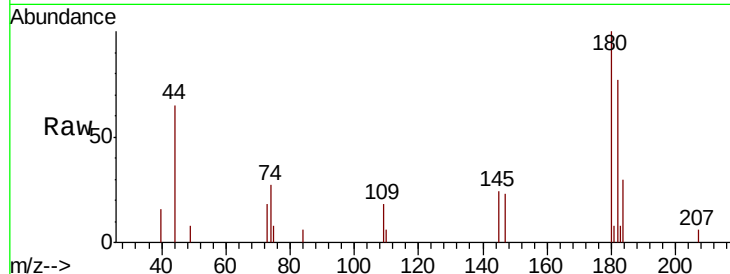




#68
 1,2,4-trichlorobenzene
 Concen: 0.316 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU035746.D
 Acq: 18 Nov 2019 16:21

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQL3

Tot Ion:180 Resp: 3026
 Ion Ratio Lower Upper
 180 100
 182 92.7 77.4 116.2
 145 27.0 22.2 33.4



#70
 1,2,3-Trichlorobenzene
 Concen: 0.428 ug/L
 RT: 14.36 min Scan# 4048
 Delta R.T. 0.00 min
 Lab File: VU035746.D
 Acq: 18 Nov 2019 16:21

Tgt Ion:180 Resp: 3964
 Ion Ratio Lower Upper
 180 100
 182 88.7 74.8 112.2
 145 30.1 23.6 35.4

