

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112019\
 Data File : VU035783.D
 Acq On : 20 Nov 2019 12:37
 Operator : JC/SP
 Sample : VU1120MBL01
 Misc : 5.0uL/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 04:11:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 21 04:09:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	674746	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	674540	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	203011	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	237245	43.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.06%
7) Chloroethane-d5	1.93	69	200170	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.98%
11) 1,1-Dichloroethene-d2	2.70	63	376	0.04	ug/L	0.11
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.08%#
21) 2-Butanone-d5	4.69	46	360616	113.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.28%
24) Chloroform-d	5.11	84	411410	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.76%
26) 1,2-Dichloroethane-d4	5.75	65	290818	56.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.82%
32) Benzene-d6	5.77	84	833184	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.76%
36) 1,2-Dichloropropane-d6	6.73	67	295195	51.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.54%
41) Toluene-d8	7.93	98	733467	44.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.46%
43) trans-1,3-Dichloropropene-	8.21	79	120343	45.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.64%
47) 2-Hexanone-d5	8.69	63	203271	93.01	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.01%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	386212	47.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.26%
64) 1,2-Dichlorobenzene-d4	12.22	152	195065	47.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.28%

Target Compounds

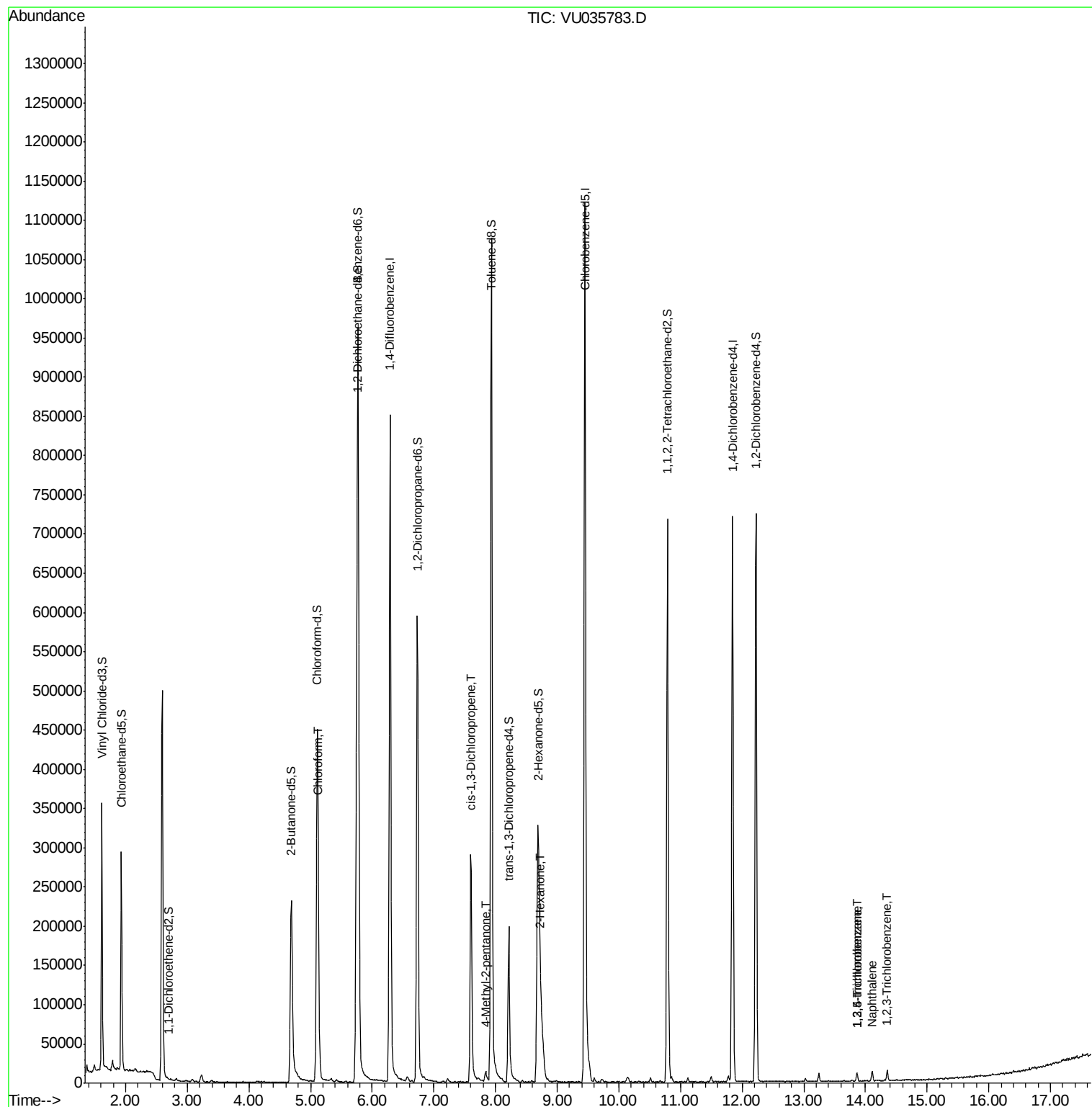
					Ovalue
25) Chloroform	5.13	83	29704	3.493 ug/L	95
39) cis-1,3-Dichloropropene	7.60	75	7335	0.972 ug/L #	62
40) 4-Methyl-2-pentanone	7.84	43	12000	1.767 ug/L #	87
48) 2-Hexanone	8.74	43	37178	6.731 ug/L #	39
67) 1,3,5-Trichlorobenzene	13.86	180	3494	0.944 ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	3494	1.410 ug/L	97
69) Naphthalene	14.11	128	9679	1.523 ug/L #	87
70) 1,2,3-Trichlorobenzene	14.35	180	4135	1.548 ug/L #	93

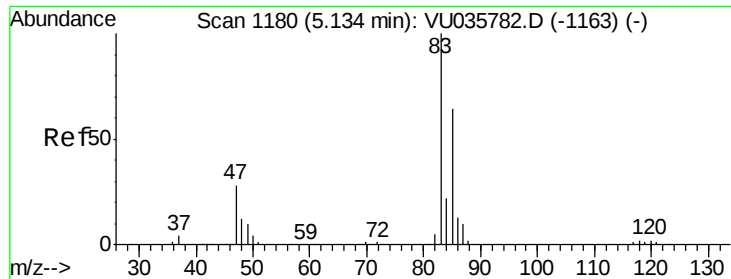
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 21 04:11:32 2019
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Quant Title : VOC Analysis
QLast Update : Thu Nov 21 04:09:14 2019
Response via : Initial Calibration

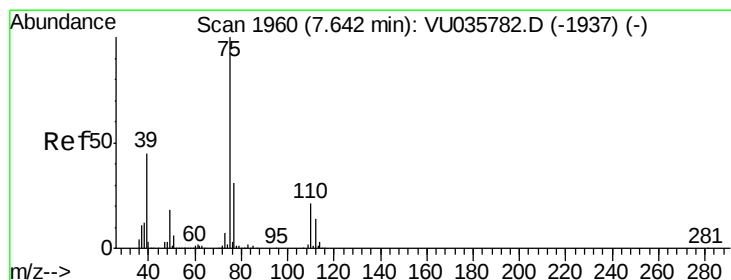
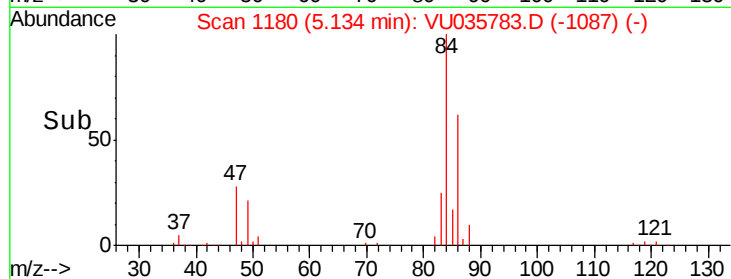
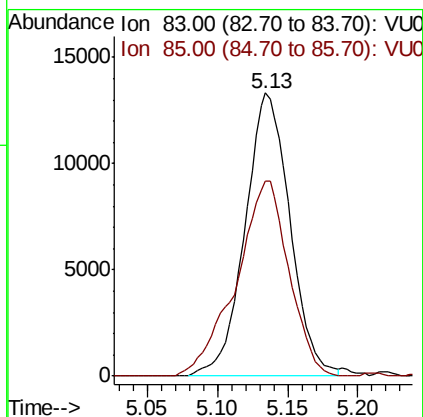
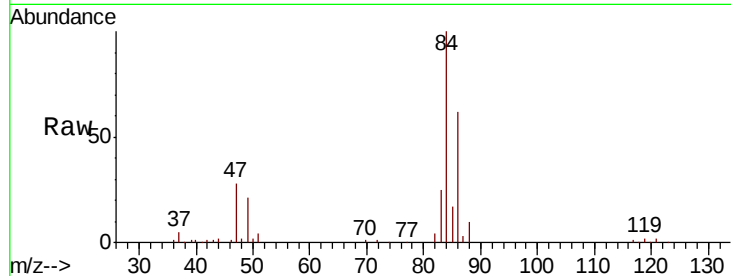




#25
Chloroform
Concen: 3.493 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU035783.D
Acq: 20 Nov 2019 12:37

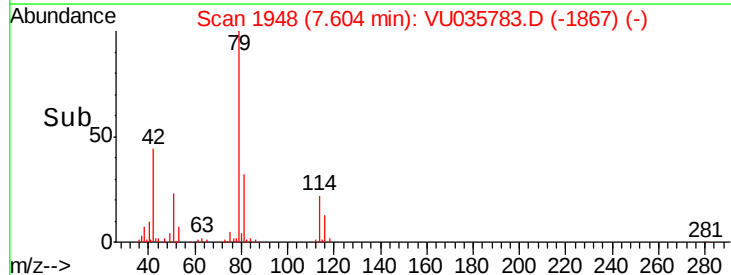
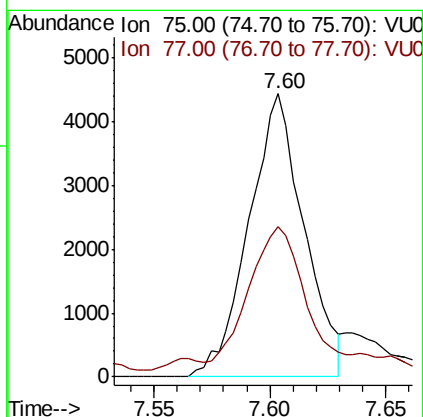
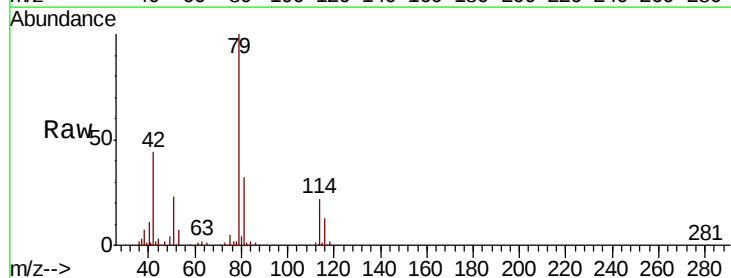
Instrument :
MSVOA_U
ClientSampled :

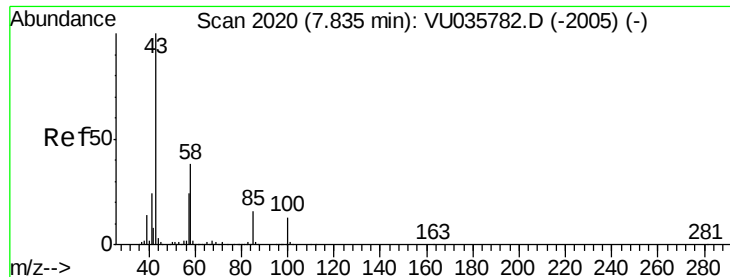
Tot Ion: 83 Resp: 29704
Ion Ratio Lower Upper
83 100
85 68.9 45.4 84.4



#39
cis-1,3-Dichloropropene
Concen: 0.972 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU035783.D
Acq: 20 Nov 2019 12:37

Tgt Ion: 75 Resp: 7335
Ion Ratio Lower Upper
75 100
77 52.9 22.3 41.5#

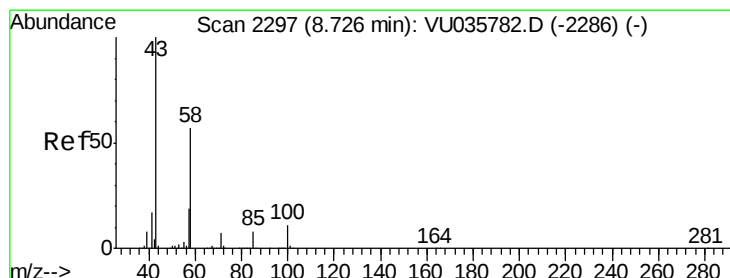
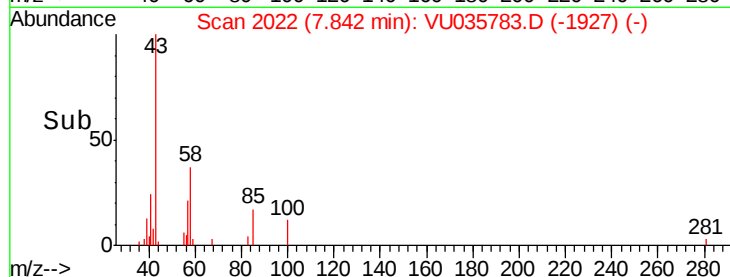
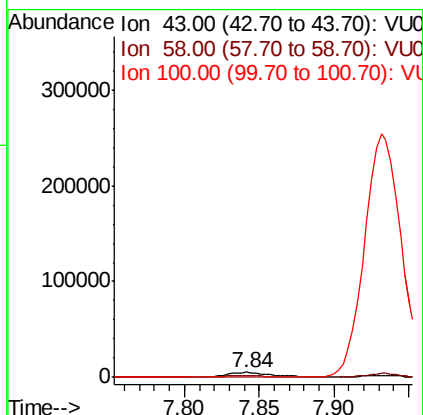
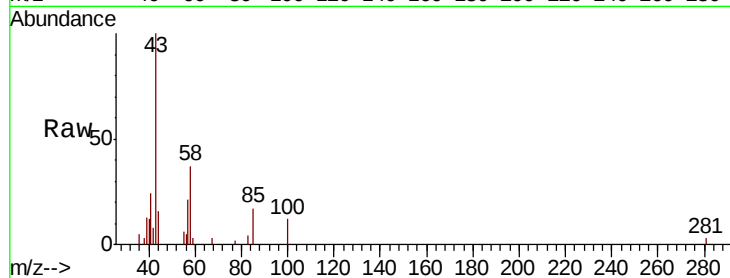




#40
4-Methyl-2-pentanone
Concen: 1.767 ug/L
RT: 7.84 min Scan# 2022
Delta R.T. 0.01 min
Lab File: VU035783.D
Acq: 20 Nov 2019 12:37

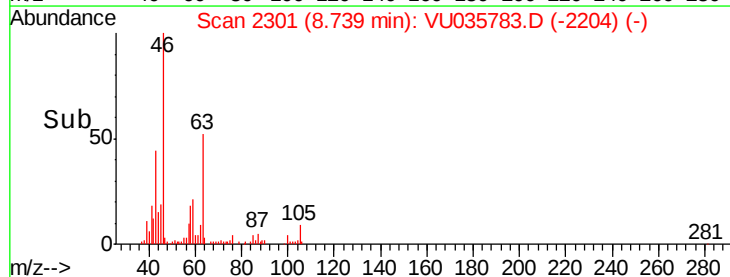
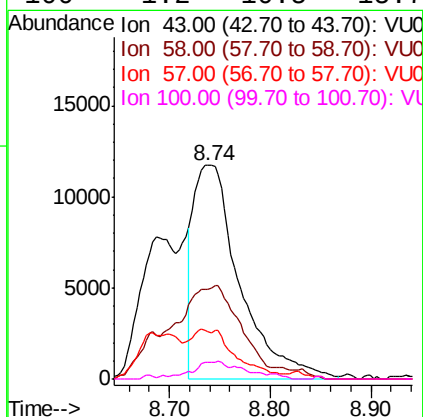
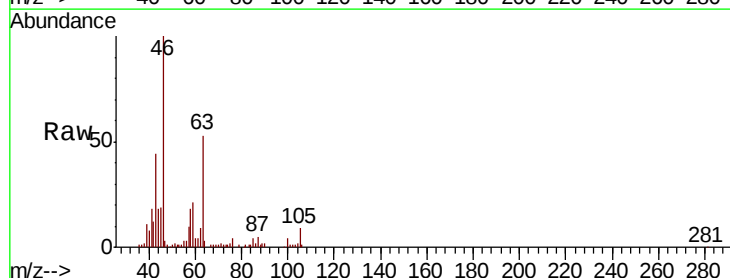
Instrument :
MSVOA_U
ClientSampleId :

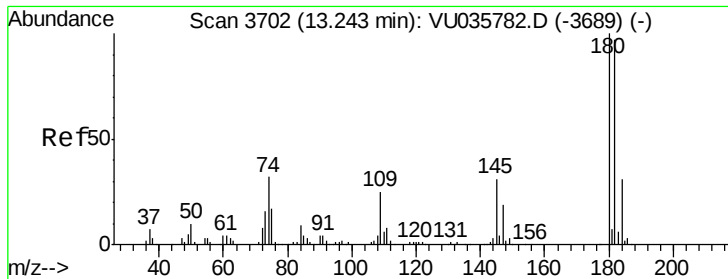
Tot Ion: 43 Resp: 12000
Ion Ratio Lower Upper
43 100
58 33.1 32.6 49.0
100 9.7 12.6 19.0#



#48
2-Hexanone
Concen: 6.731 ug/L
RT: 8.74 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VU035783.D
Acq: 20 Nov 2019 12:37

Tgt Ion: 43 Resp: 37178
Ion Ratio Lower Upper
43 100
58 5.7 50.4 75.6#
57 1.2 17.4 26.0#
100 1.2 10.5 15.7#

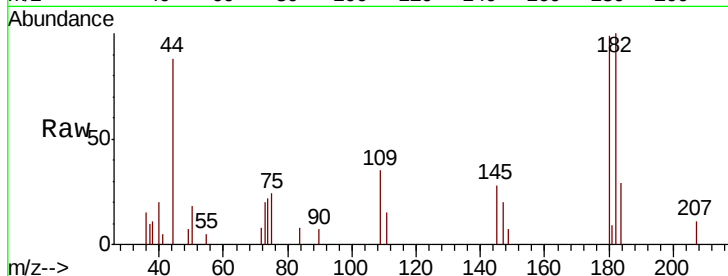




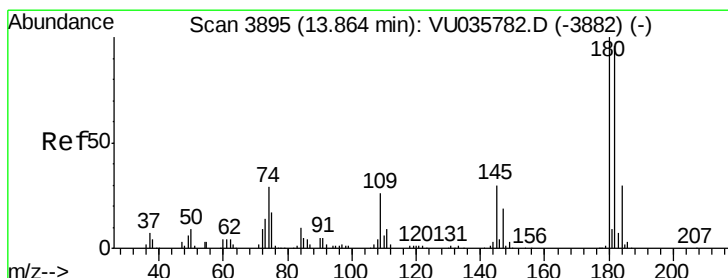
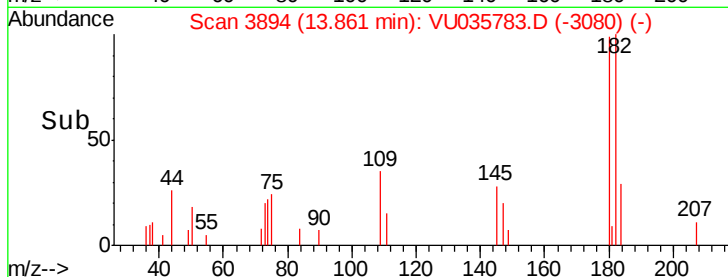
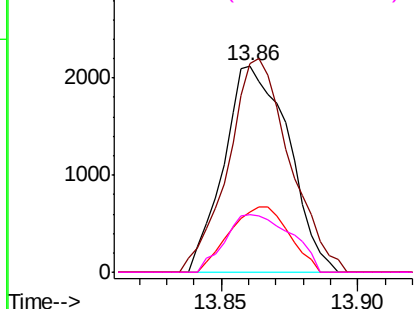
#67
 1,3,5-Trichlorobenzene
 Concen: 0.944 ug/L
 RT: 13.86 min Scan# 3894
 Delta R.T. 0.62 min
 Lab File: VU035783.D
 Acq: 20 Nov 2019 12:37

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 3494
 Ion Ratio Lower Upper
 180 100
 182 98.7 77.0 115.4
 184 29.2 24.6 36.8
 145 28.7 21.7 32.5

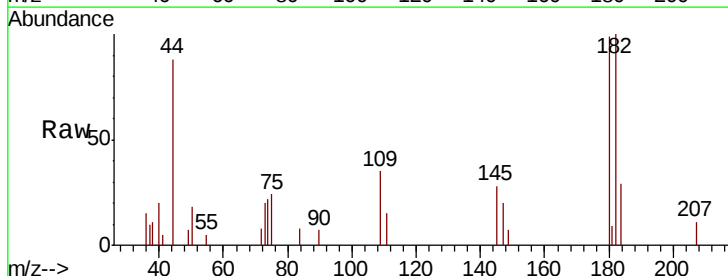


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

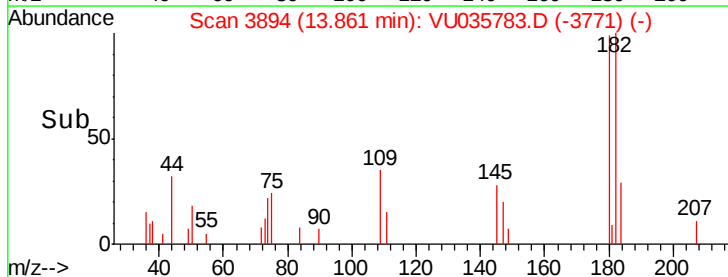
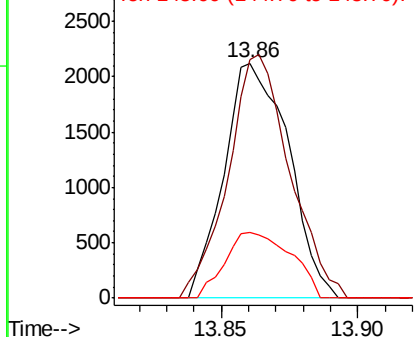


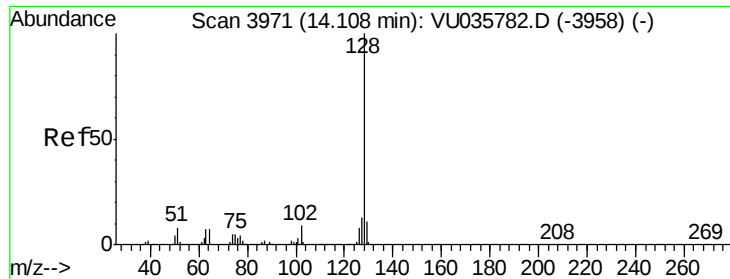
#68
 1,2,4-trichlorobenzene
 Concen: 1.410 ug/L
 RT: 13.86 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU035783.D
 Acq: 20 Nov 2019 12:37

Tgt Ion:180 Resp: 3494
 Ion Ratio Lower Upper
 180 100
 182 98.7 76.6 115.0
 145 28.7 21.9 32.9



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 1.523 ug/L

RT: 14.11 min Scan# 3972

Delta R.T. 0.00 min

Lab File: VU035783.D

Acq: 20 Nov 2019 12:37

Instrument :

MSVOA_U

ClientSampleId :

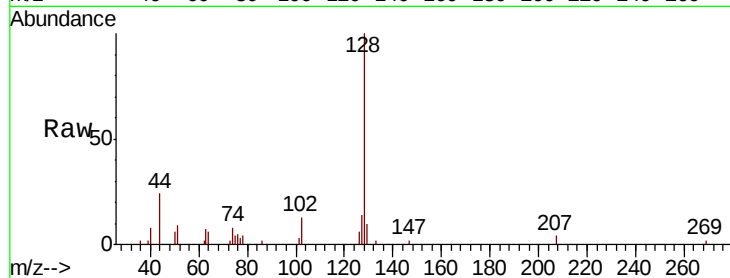
Tot Ion:128 Resp: 9679

Ion Ratio Lower Upper

128 100

127 15.5 10.7 16.1

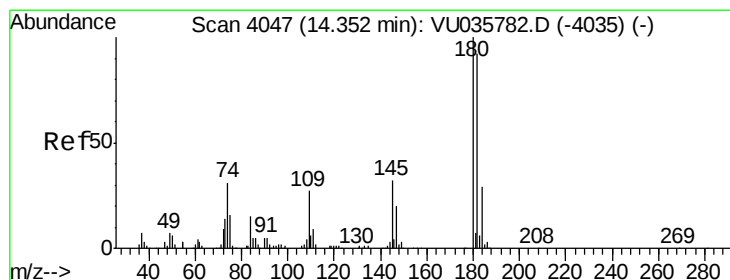
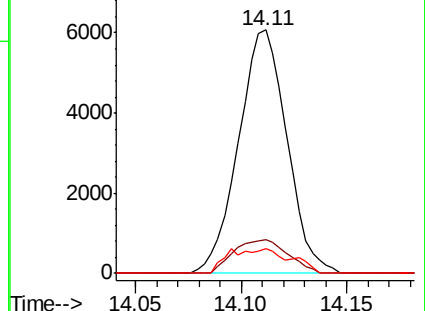
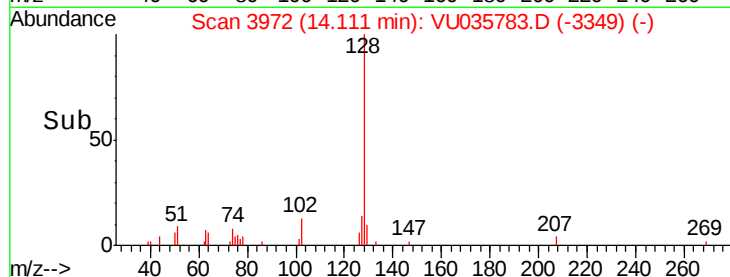
129 2.3 8.5 12.7#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 1.548 ug/L

RT: 14.35 min Scan# 4047

Delta R.T. 0.00 min

Lab File: VU035783.D

Acq: 20 Nov 2019 12:37

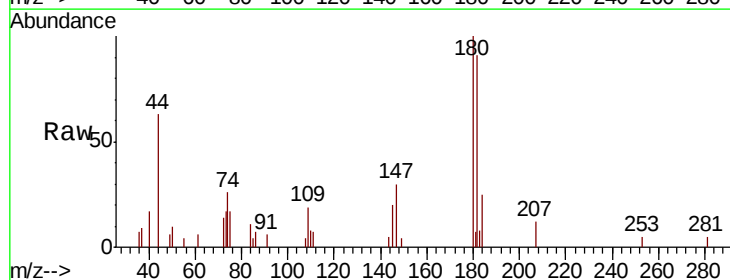
Tgt Ion:180 Resp: 4135

Ion Ratio Lower Upper

180 100

182 93.6 77.6 116.4

145 19.0 23.4 35.0#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

