

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101219\
 Data File : VU035123.D
 Acq On : 12 Oct 2019 05:42
 Operator : JC/SP
 Sample : K5342-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 14 01:19:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 14 01:16:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	165940	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	175663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	62434	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51078	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.68	69	48878	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.26	63	74728	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.17	46	143278	49.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.20%
24) Chloroform-d	4.63	84	92678	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.29	65	57055	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.32	84	188070	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.31	67	67846	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.55	98	163797	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	7.84	79	19846	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.31	63	98895	41.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	55831	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	55172	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

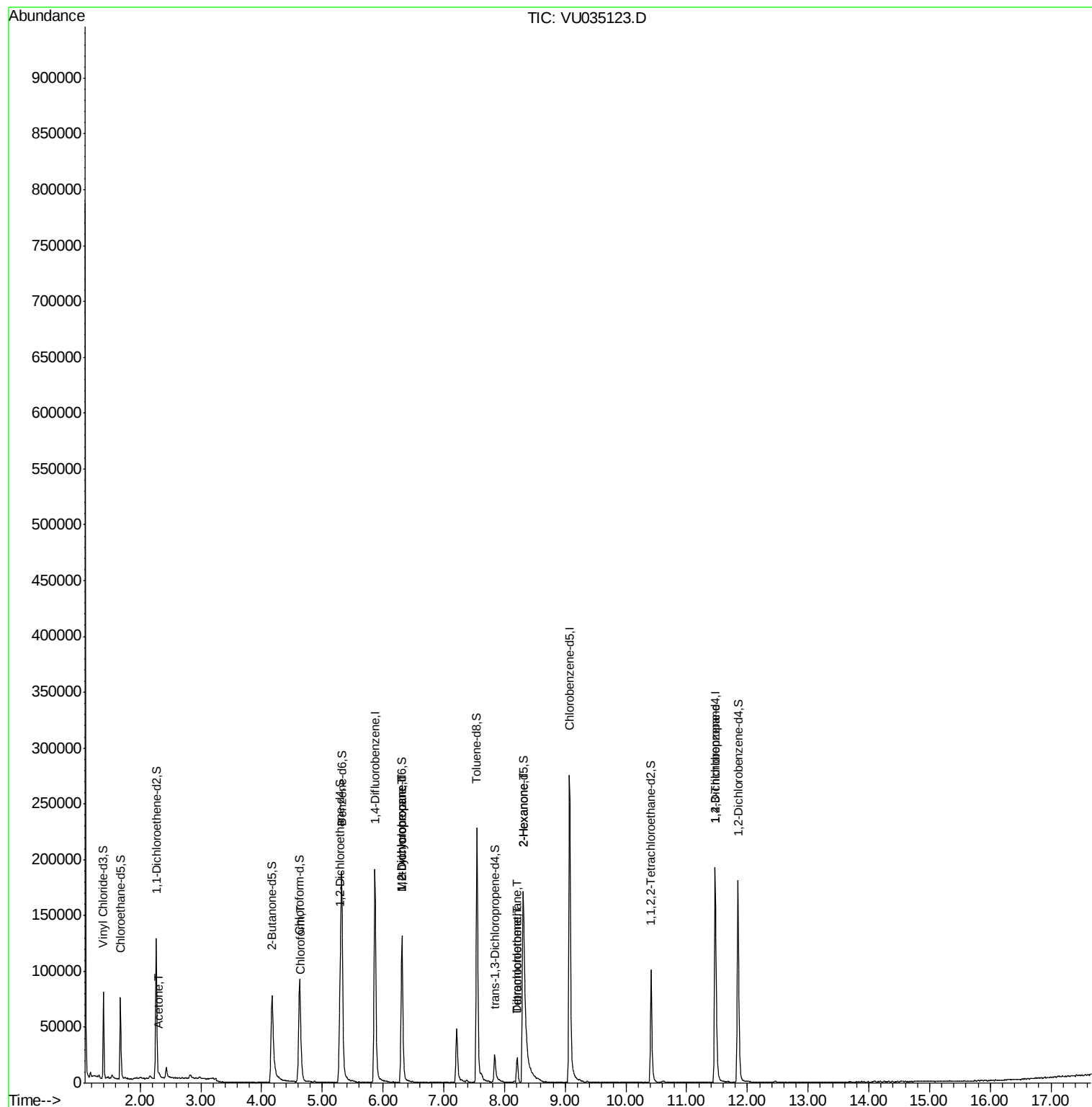
					Ovalue
13) Acetone	2.31	43	3126	1.321	ug/L 71
25) Chloroform	4.65	83	8930	0.350	ug/L 93
35) Methylcyclohexane	6.31	83	14465	0.654	ug/L # 18
37) 1,2-Dichloropropane	6.31	63	7427	0.520	ug/L # 90
47) Tetrachloroethene	8.21	164	4973	0.450	ug/L 97
48) 2-Hexanone	8.31	43	10155	1.649	ug/L # 56
49) Dibromochloromethane	8.21	129	4715	0.430	ug/L # 12
59) 1,2,3-Trichloropropane	11.47	75	8316	0.900	ug/L 97

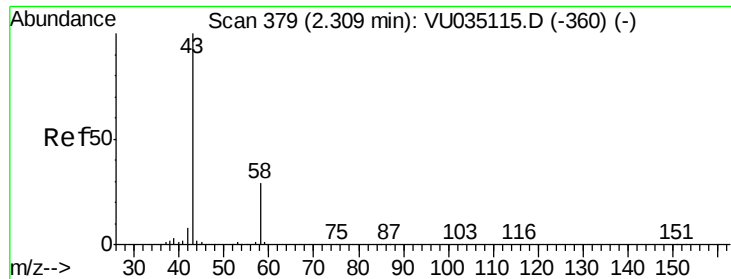
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.321 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU035123.D

Acq: 12 Oct 2019 05:42

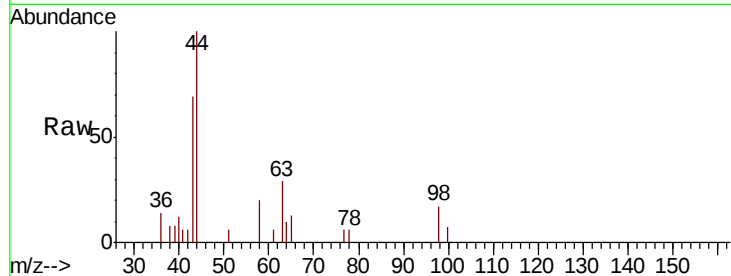
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 3126

Ion Ratio Lower Upper

43 100

58 16.9 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035115.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU035115.D (-360) (-)

2000

1500

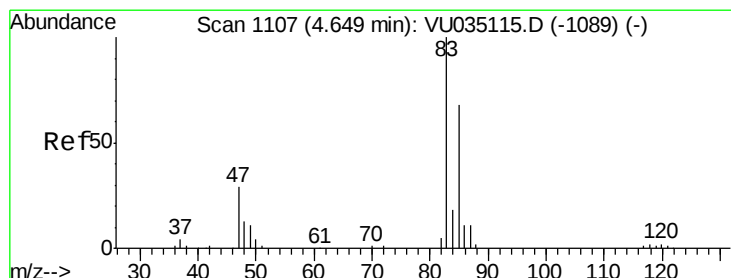
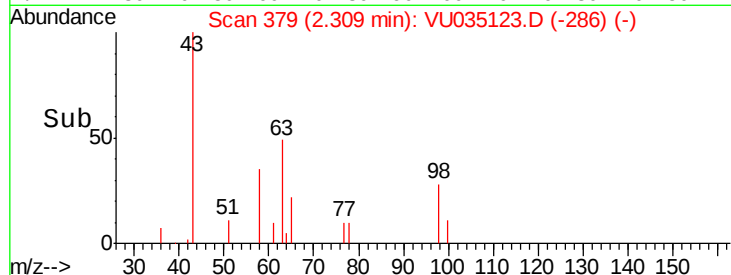
1000

500

0

2.25 2.30 2.35

Time-->



#25

Chloroform

Concen: 0.350 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU035123.D

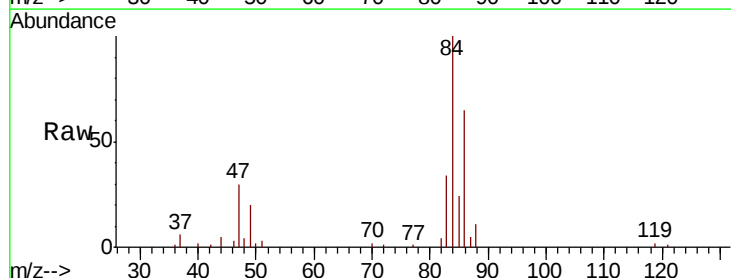
Acq: 12 Oct 2019 05:42

Tgt Ion: 83 Resp: 8930

Ion Ratio Lower Upper

83 100

85 70.3 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU035115.D (-1089) (-)

Ion 85.00 (84.70 to 85.70): VU035115.D (-1089) (-)

4000

3000

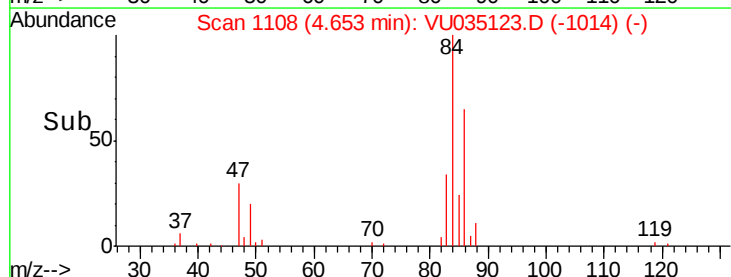
2000

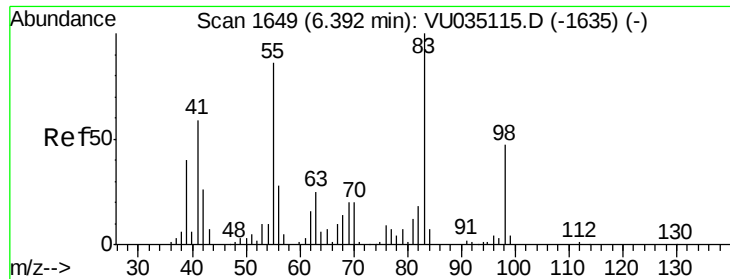
1000

0

4.55 4.60 4.65 4.70

Time-->

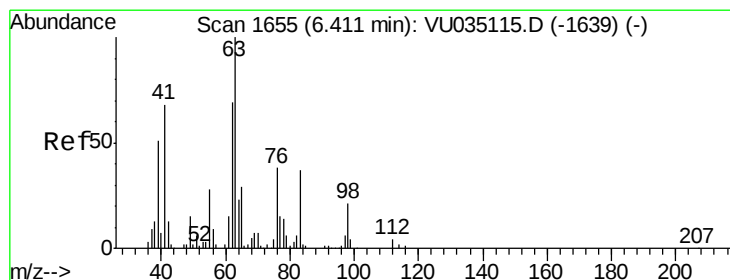
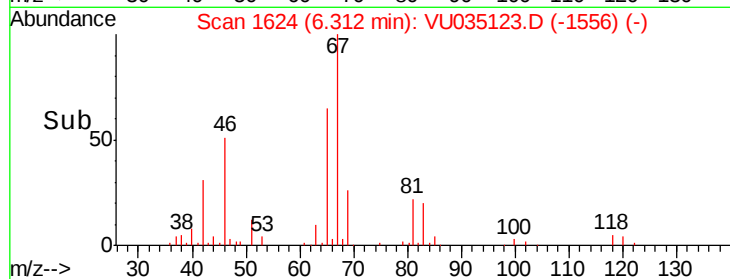
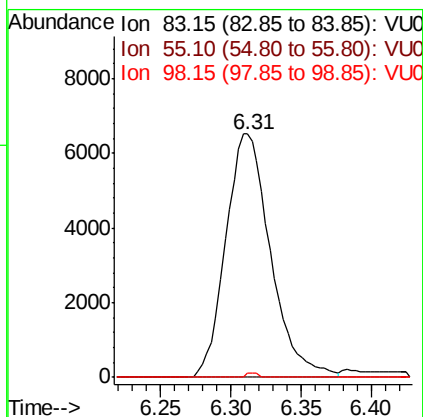
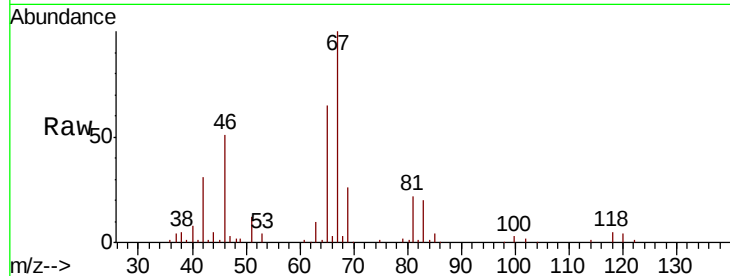




#35
Methvlcvclohexane
Concen: 0.654 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035123.D
Acq: 12 Oct 2019 05:42

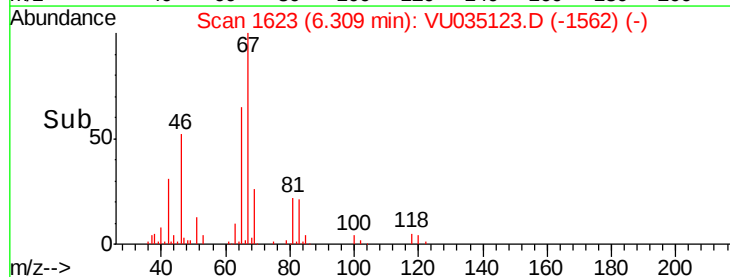
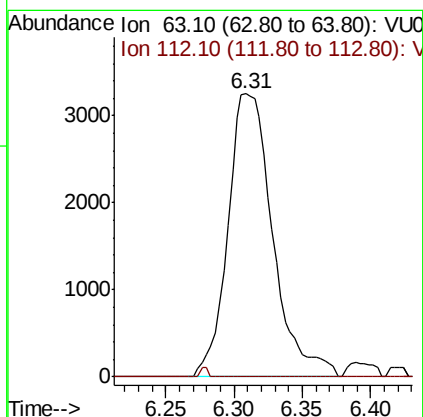
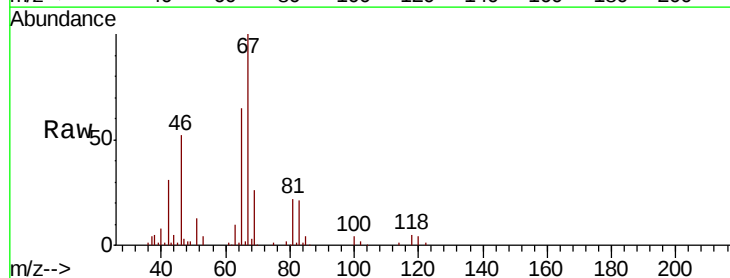
Instrument :
MSVOA_U
ClientSampleId :

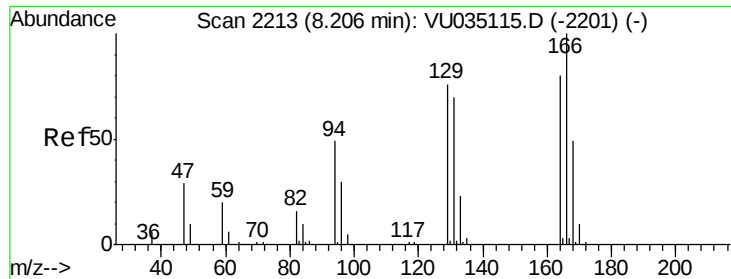
Tot Ion: 83 Resp: 14465
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.5 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU035123.D
Acq: 12 Oct 2019 05:42

Tgt Ion: 63 Resp: 7427
Ion Ratio Lower Upper
63 100
112 0.6 3.1 4.7#

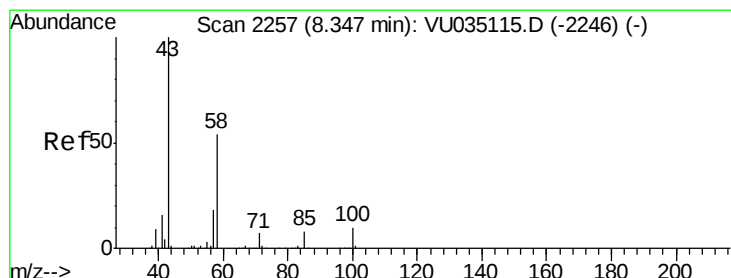
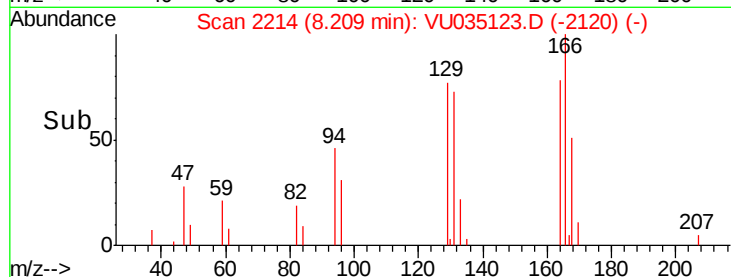
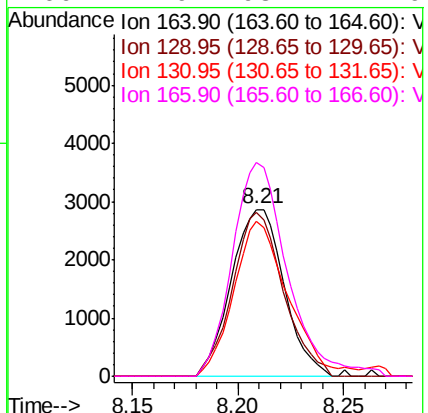
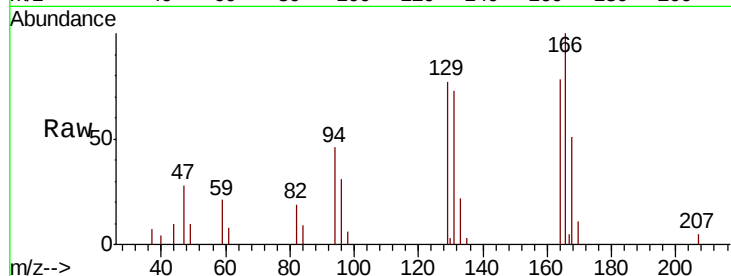




#47
Tetrachloroethene
Concen: 0.450 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU035123.D
Acq: 12 Oct 2019 05:42

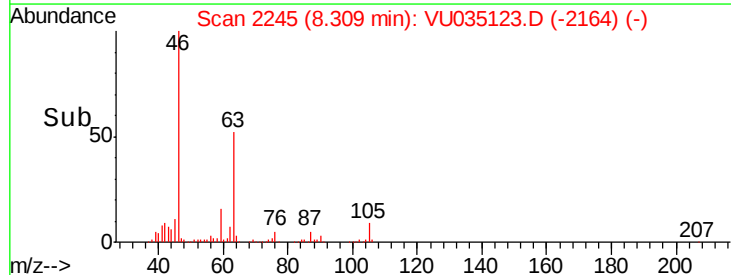
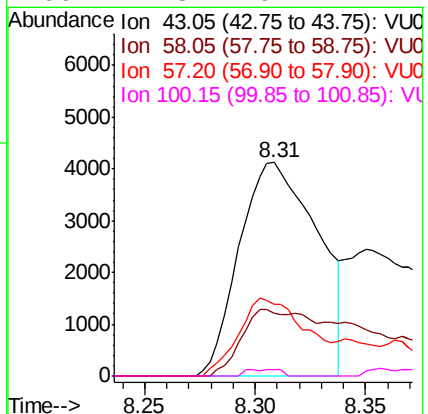
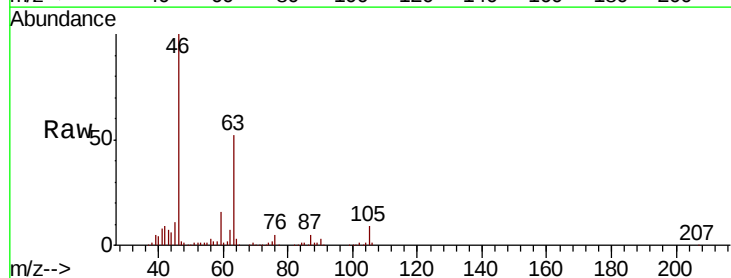
Instrument :
MSVOA_U
ClientSampled :

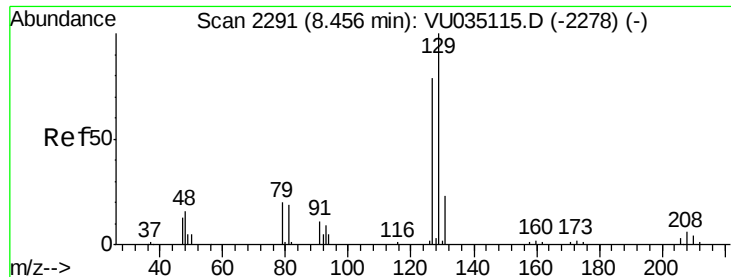
Tot Ion:164 Resp: 4973
Ion Ratio Lower Upper
164 100
129 98.0 68.5 127.1
131 92.9 67.3 124.9
166 127.9 93.1 172.9



#48
2-Hexanone
Concen: 1.649 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.04 min
Lab File: VU035123.D
Acq: 12 Oct 2019 05:42

Tgt Ion: 43 Resp: 10155
Ion Ratio Lower Upper
43 100
58 15.8 44.1 66.1#
57 31.5 15.8 23.8#
100 1.3 9.4 14.2#

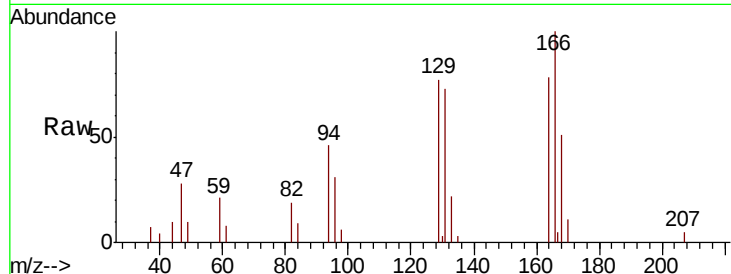




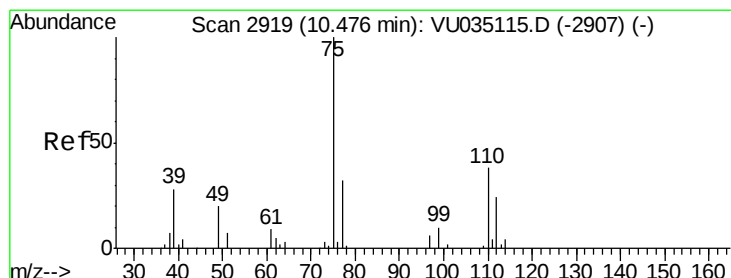
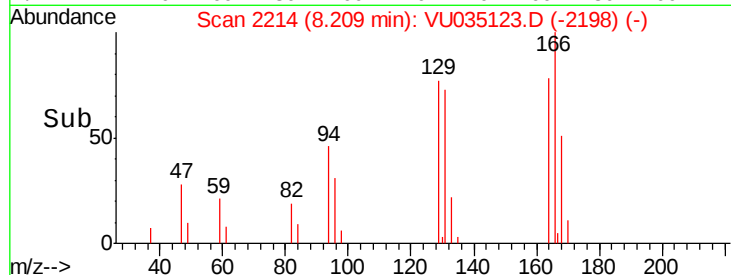
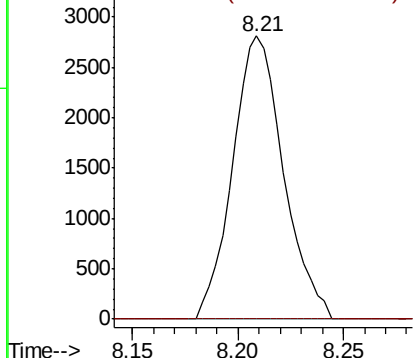
#49
 Dibromochloromethane
 Concen: 0.430 ug/L
 RT: 8.21 min Scan# 2214
 Delta R.T. -0.25 min
 Lab File: VU035123.D
 Acq: 12 Oct 2019 05:42

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:129 Resp: 4715
 Ion Ratio Lower Upper
 129 100
 127 0.0 51.9 96.5#

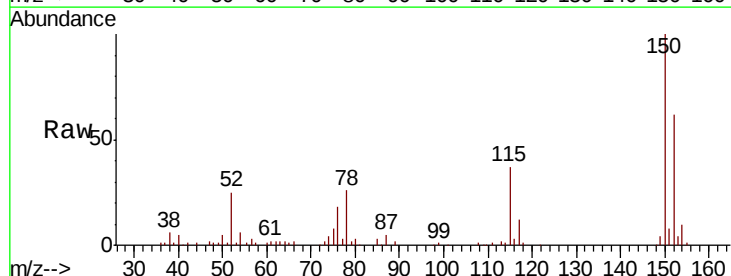


Abundance Ion 128.95 (128.65 to 129.65): V
 Ion 126.90 (126.60 to 127.60): V



#59
 1,2,3-Trichloropropane
 Concen: 0.900 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU035123.D
 Acq: 12 Oct 2019 05:42

Tgt Ion: 75 Resp: 8316
 Ion Ratio Lower Upper
 75 100
 77 34.8 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

