

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031450.D
 Acq On : 23 Apr 2019 20:16
 Operator : JC/SP
 Sample : K2428-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 24 08:44:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 08:41:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	691613	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	667475	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	281356	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	274469	48.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.94%
7) Chloroethane-d5	1.68	69	217583	50.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.98%
11) 1,1-Dichloroethene-d2	2.27	63	372791	38.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.48%
21) 2-Butanone-d5	4.19	46	460982	110.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.02%
24) Chloroform-d	4.64	84	442939	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.31	65	261174	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.64%
32) Benzene-d6	5.34	84	914432	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
36) 1,2-Dichloropropane-d6	6.32	67	313252	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.98%
41) Toluene-d8	7.56	98	803798	46.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.34%
43) trans-1,3-Dichloropropene-	7.85	79	125241	44.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.60%
47) 2-Hexanone-d5	8.31	63	313628	100.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.89%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	420891	50.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	295941	51.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.90%

Target Compounds

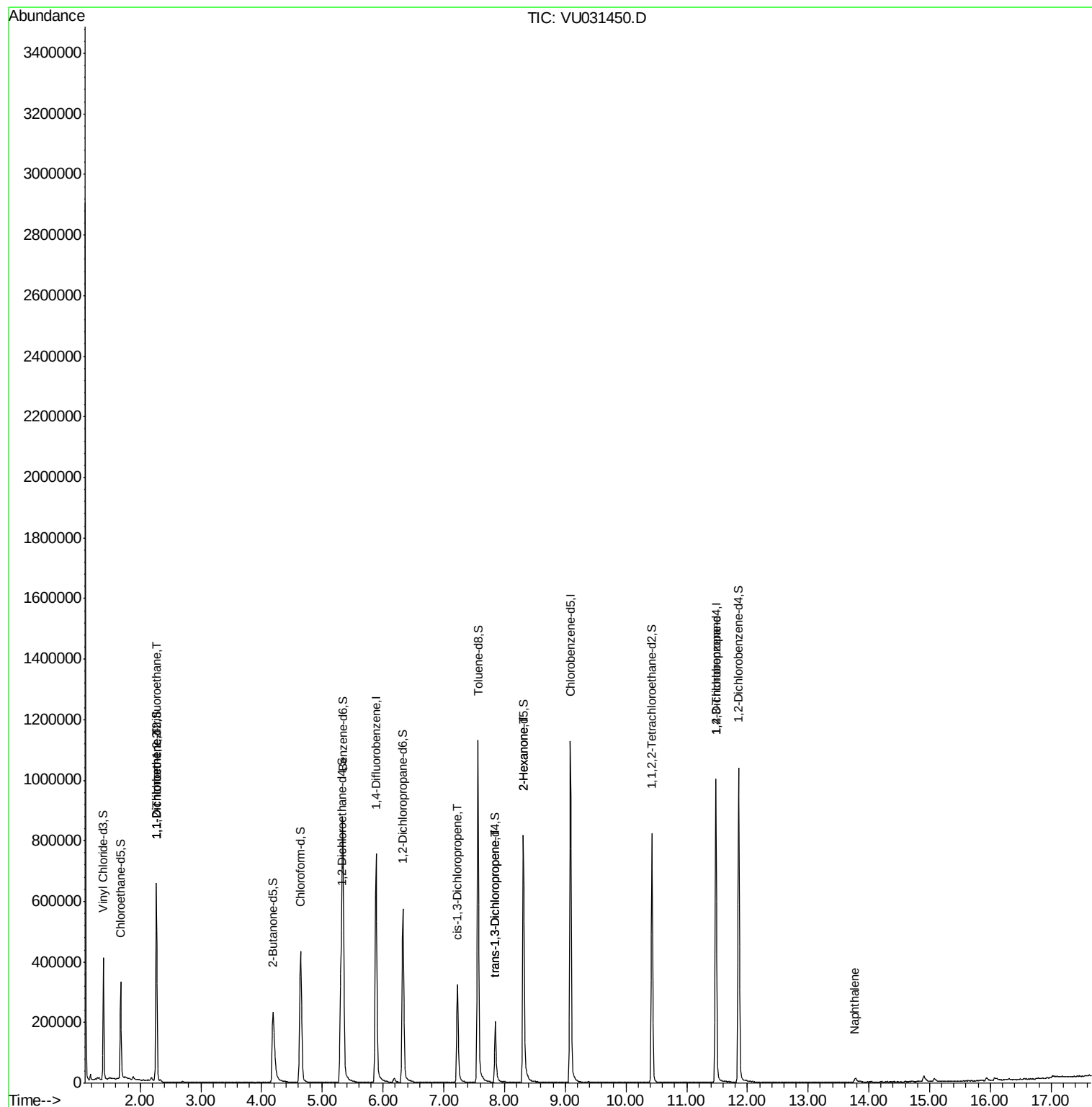
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3791	0.885 ug/L #	22
12) 1,1-Dichloroethene	2.26	96	3101	0.736 ug/L #	1
39) cis-1,3-Dichloropropene	7.22	75	6810	0.884 ug/L #	76
44) trans-1,3-Dichloropropene	7.85	75	4972	0.749 ug/L	88
48) 2-Hexanone	8.31	43	32619	5.347 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	31726	4.996 ug/L	92
69) Naphthalene	13.77	128	6682	0.394 ug/L #	88

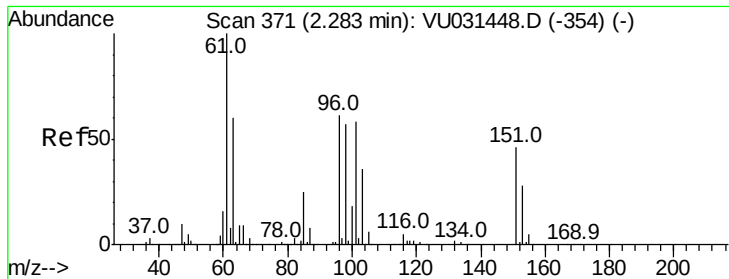
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.885 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031450.D

Acq: 23 Apr 2019 20:16

Instrument :

MSVOA_U

ClientSampleId :

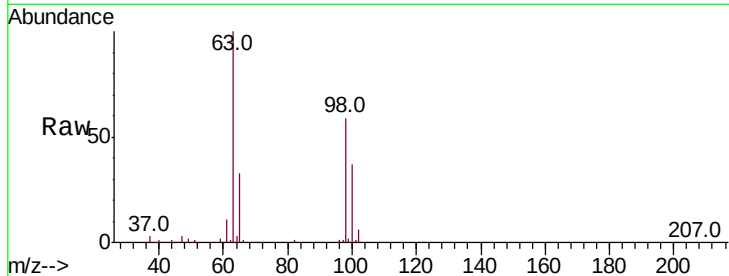
Tot Ion:101 Resp: 3791

Ion Ratio Lower Upper

101 100

85 1.2 33.1 49.7#

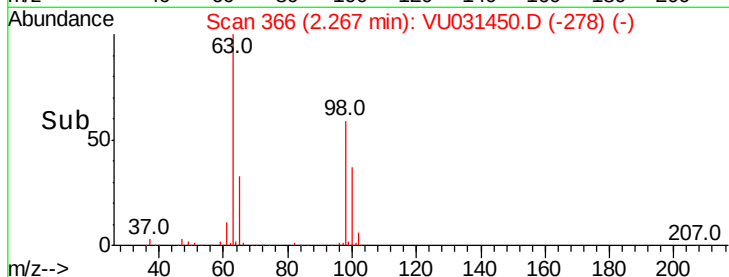
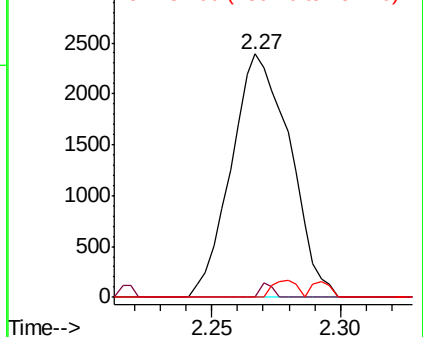
151 2.8 61.4 92.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.736 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU031450.D

Acq: 23 Apr 2019 20:16

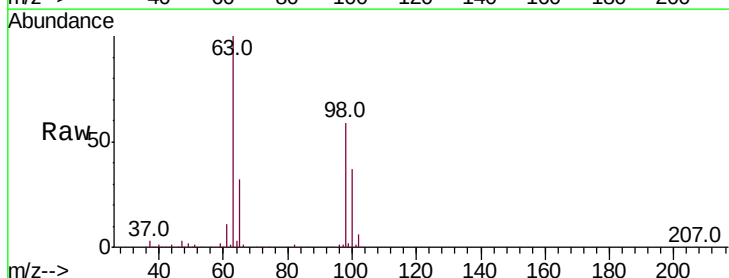
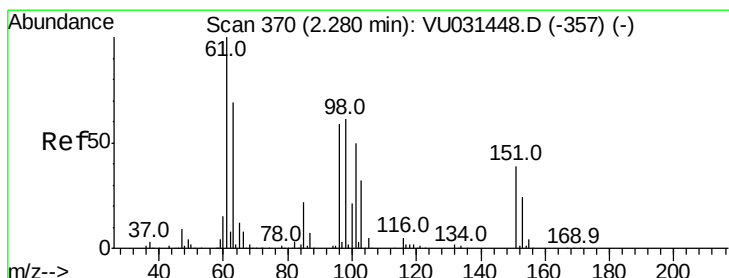
Tgt Ion: 96 Resp: 3101

Ion Ratio Lower Upper

96 100

61 1409.7 118.9 220.9#

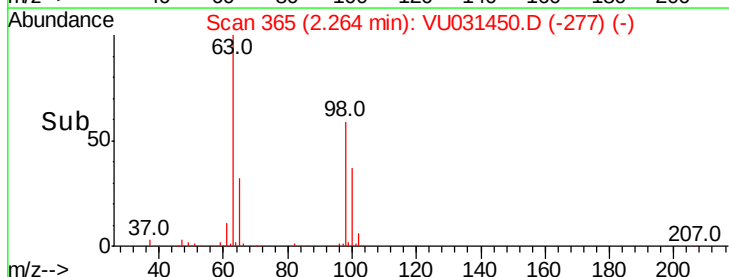
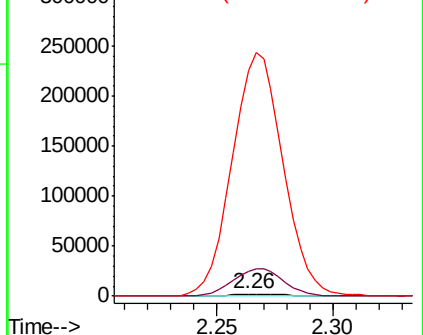
63 12906.1 99.3 184.3#

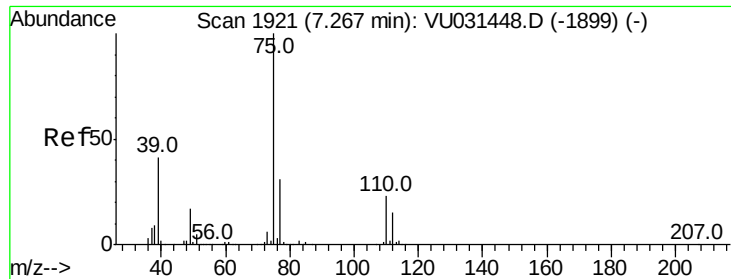


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#39

cis-1,3-Dichloropropene

Concen: 0.884 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU031450.D

Acq: 23 Apr 2019 20:16

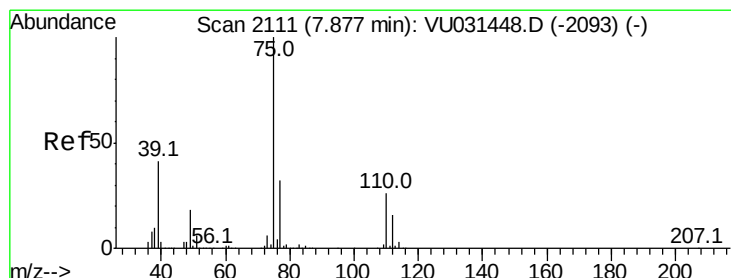
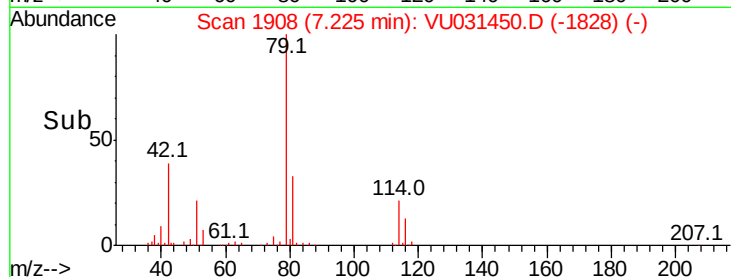
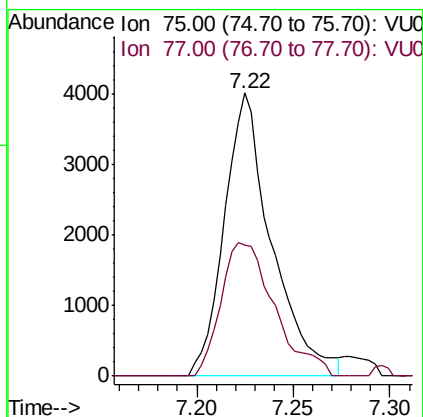
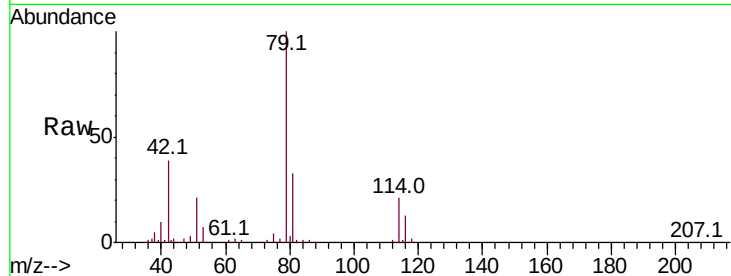
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 75 Resp: 6810

Ion Ratio Lower Upper

75 100

77 46.4 23.0 42.8#



#44

trans-1,3-Dichloropropene

Concen: 0.749 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031450.D

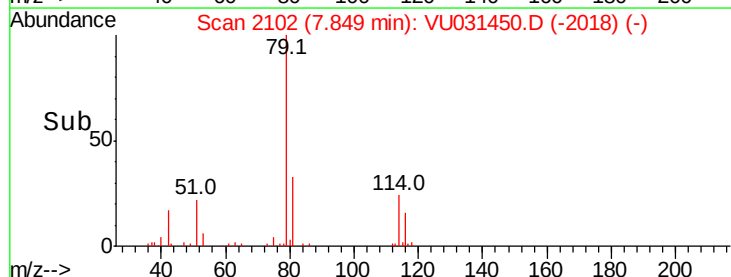
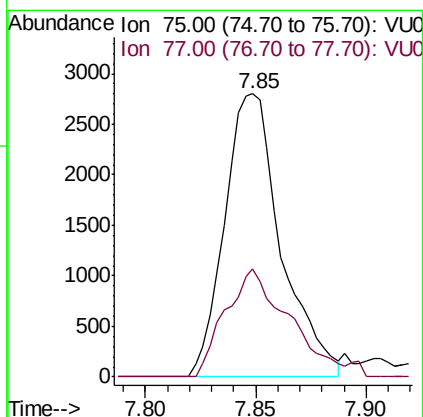
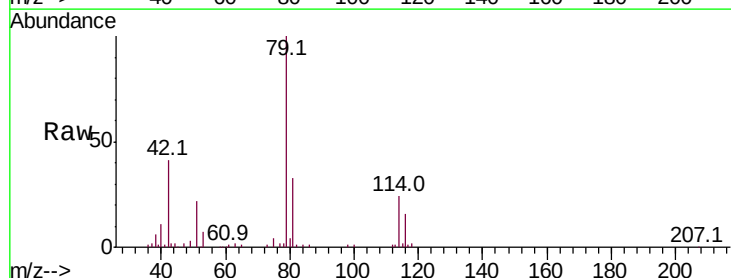
Acq: 23 Apr 2019 20:16

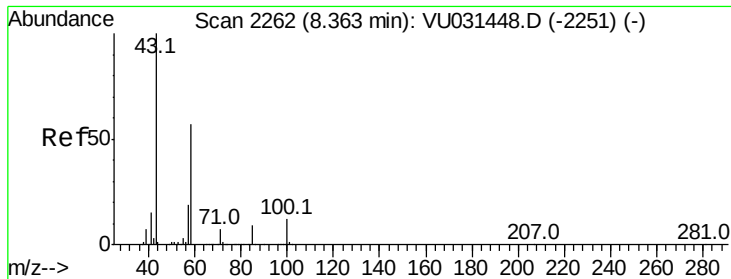
Tgt Ion: 75 Resp: 4972

Ion Ratio Lower Upper

75 100

77 38.3 22.3 41.3

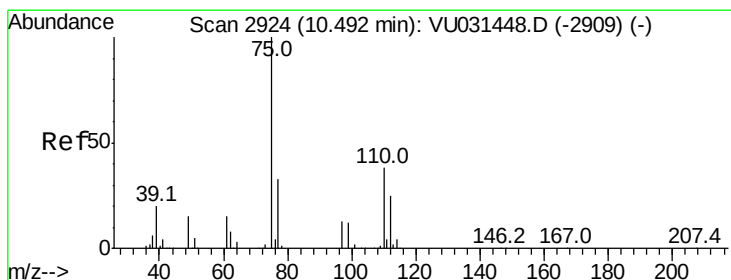
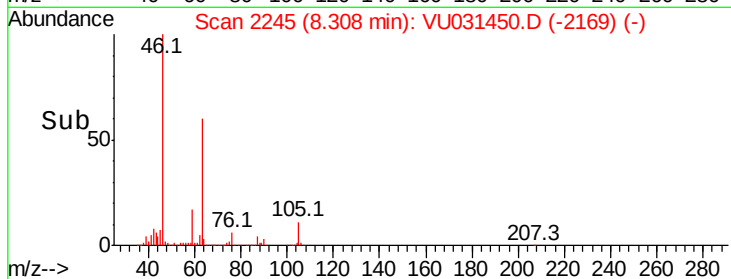
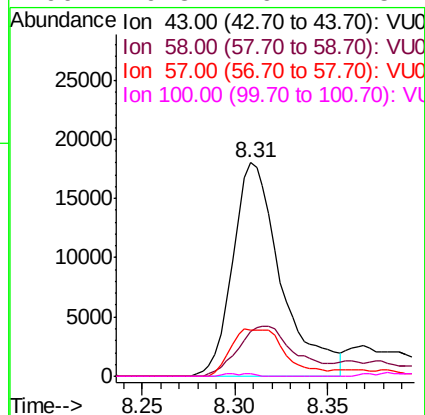
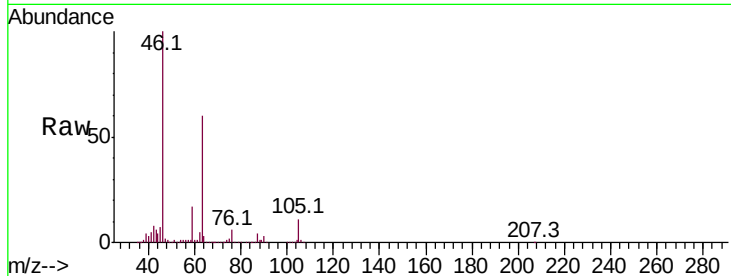




#48
 2-Hexanone
 Concen: 5.347 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU031450.D
 Acq: 23 Apr 2019 20:16

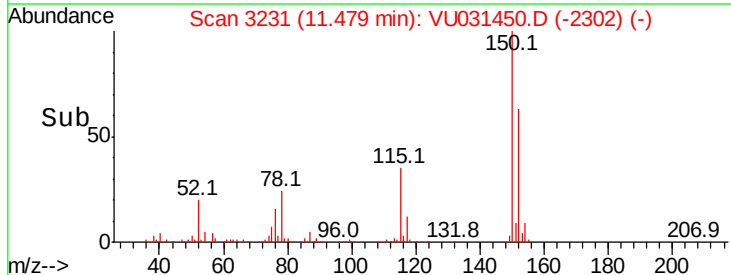
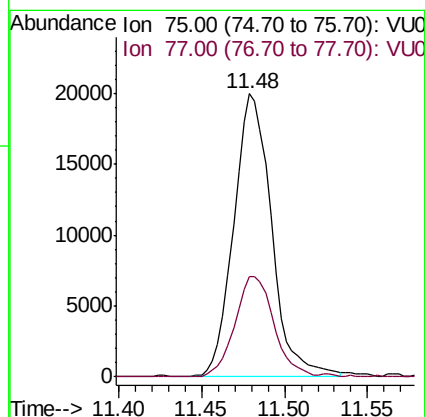
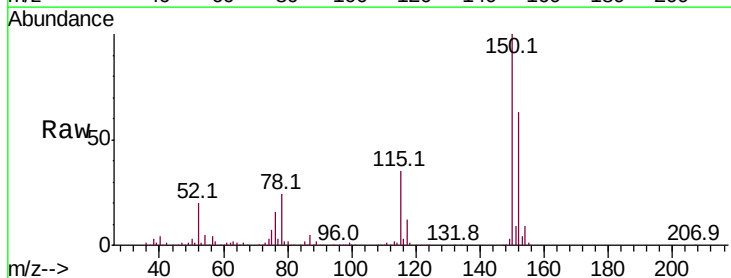
Instrument :
 MSVOA_U
 ClientSampled :

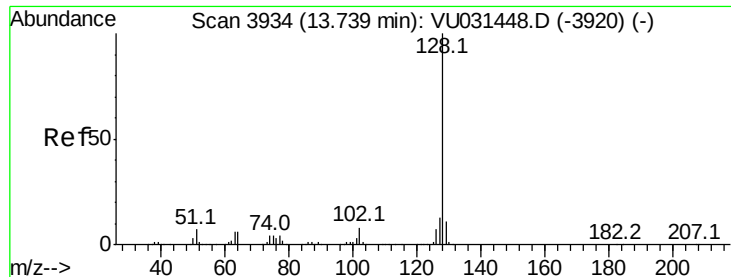
Tot Ion: 43 Resp: 32619
 Ion Ratio Lower Upper
 43 100
 58 27.6 45.5 68.3#
 57 12.5 15.2 22.8#
 100 0.3 9.1 13.7#



#59
 1,2,3-Trichloropropane
 Concen: 4.996 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031450.D
 Acq: 23 Apr 2019 20:16

Tgt Ion: 75 Resp: 31726
 Ion Ratio Lower Upper
 75 100
 77 36.5 25.6 38.4





#69

Naphthalene

Concen: 0.394 ug/L

RT: 13.77 min Scan# 3944

Delta R.T. 0.03 min

Lab File: VU031450.D

Acq: 23 Apr 2019 20:16

Instrument :

MSVOA_U

ClientSampleId :

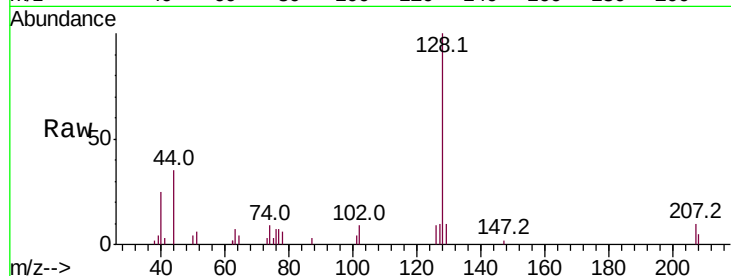
Tot Ion:128 Resp: 6682

Ion Ratio Lower Upper

128 100

127 5.6 10.2 15.4#

129 12.6 8.6 13.0



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

