

Data File : VU031901.D
Acq On : 10 May 2019 20:19
Operator : JC/SP
Sample : K2742-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C28

Quant Time: May 11 02:49:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1013996	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1029546	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	378579	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	379158	44.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.36%
7) Chloroethane-d5	1.67	69	330095	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.66%
11) 1,1-Dichloroethene-d2	2.27	63	552232	32.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.36%
21) 2-Butanone-d5	4.17	46	673925	87.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.65%
24) Chloroform-d	4.64	84	718034	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.31	65	467810	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
32) Benzene-d6	5.33	84	1443568	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
36) 1,2-Dichloropropane-d6	6.32	67	493412	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.72%
41) Toluene-d8	7.56	98	1252230	45.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.96%
43) trans-1,3-Dichloropropene-	7.85	79	193392	40.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.00%
47) 2-Hexanone-d5	8.31	63	437310	90.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	679820	45.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.08%
64) 1,2-Dichlorobenzene-d4	11.85	152	400425	50.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.58%

Target Compounds

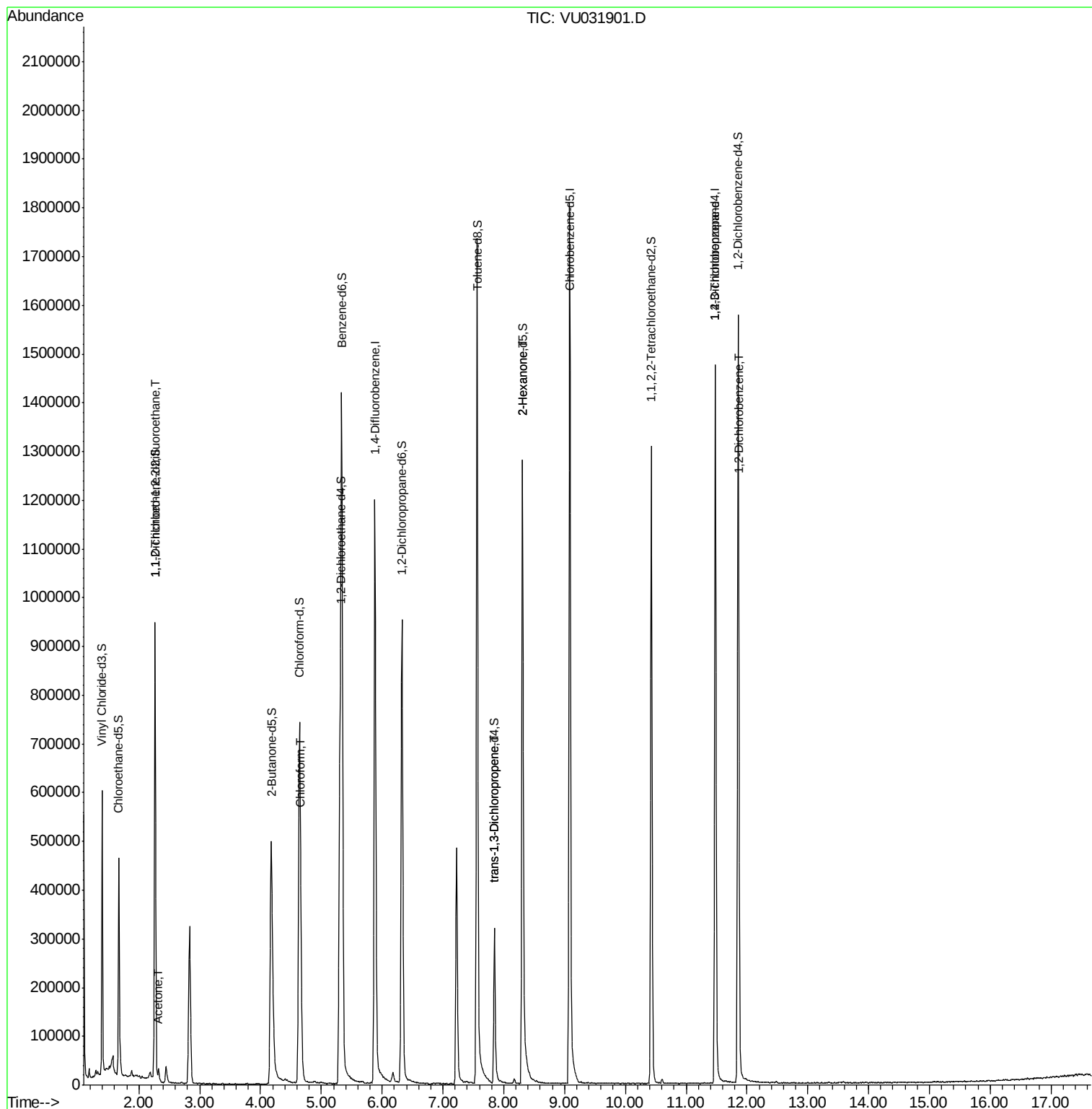
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4754	0.585	ug/L #	23
13) Acetone	2.32	43	19285	2.227	ug/L	94
25) Chloroform	4.67	83	120386	7.252	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	8377	0.650	ug/L	95
48) 2-Hexanone	8.31	43	54152	4.050	ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	51794	4.065	ug/L	93
65) 1,2-Dichlorobenzene	11.87	146	9190	0.690	ug/L	93

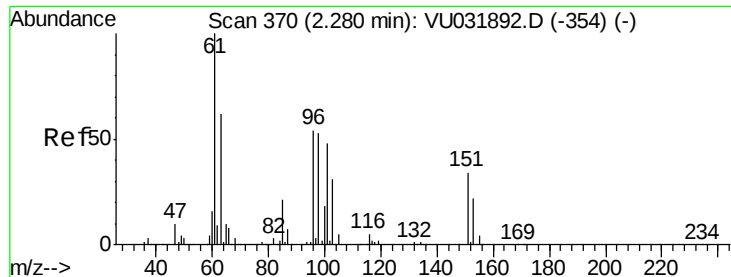
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.585 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031901.D

Acq: 10 May 2019 20:19

Instrument :

MSVOA_U

ClientSampleId :

C0C28

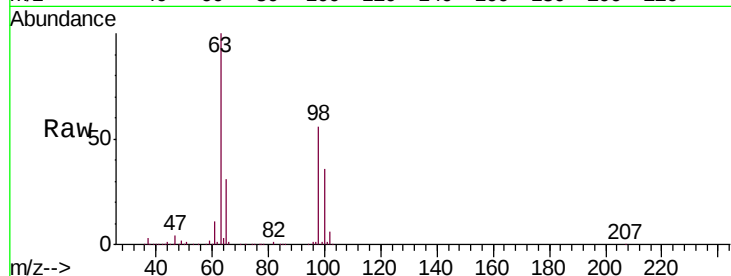
Tgt Ion:101 Resp: 4754

Ion Ratio Lower Upper

101 100

85 1.2 36.1 54.1#

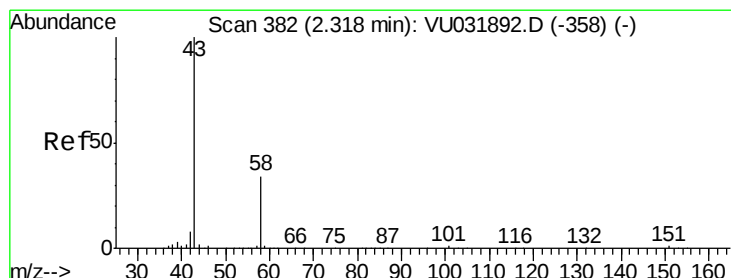
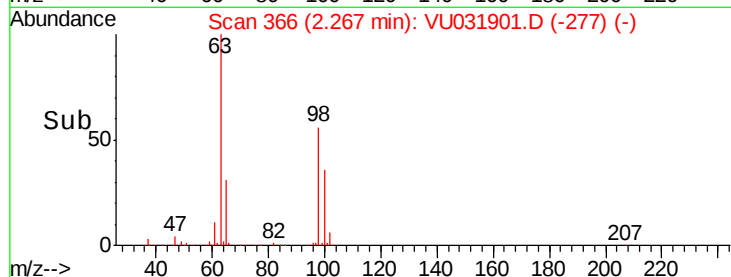
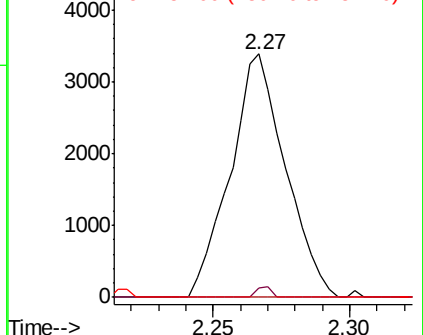
151 1.0 56.1 84.1#



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



#13

Acetone

Concen: 2.227 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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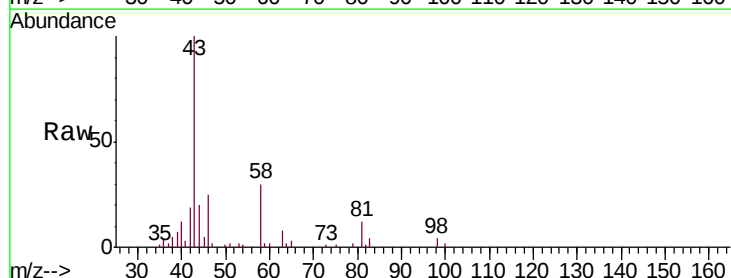
Acq: 10 May 2019 20:19

Tgt Ion: 43 Resp: 19285

Ion Ratio Lower Upper

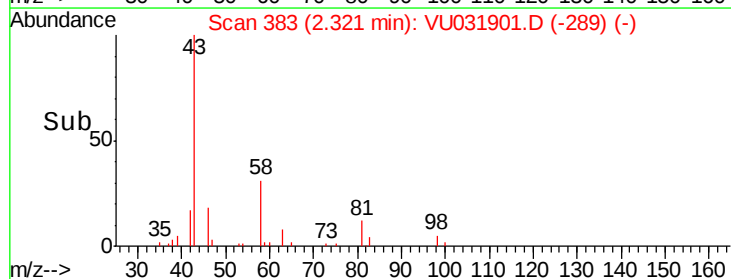
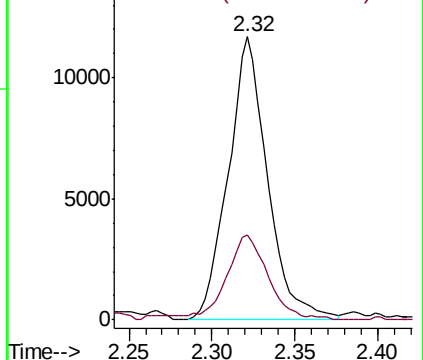
43 100

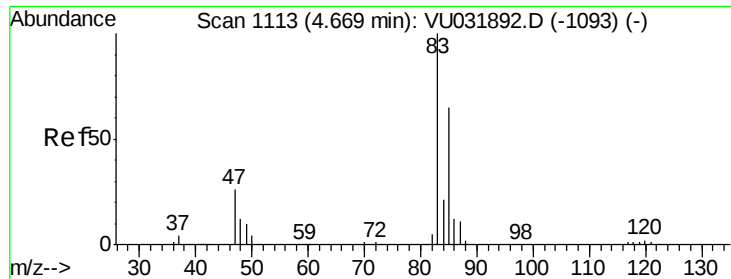
58 28.8 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

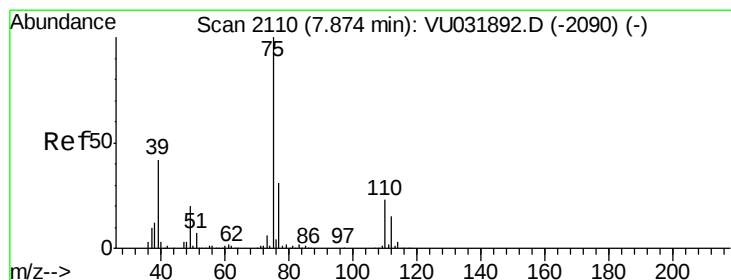
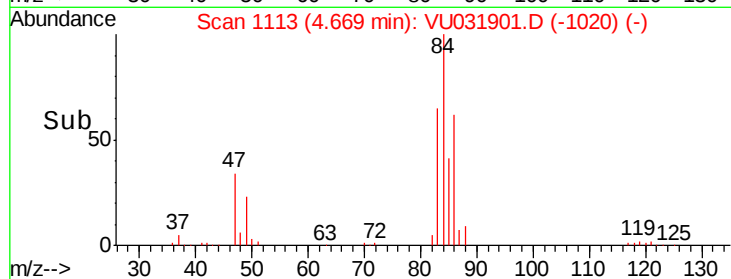
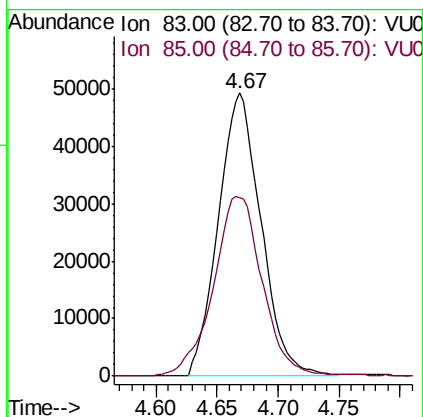
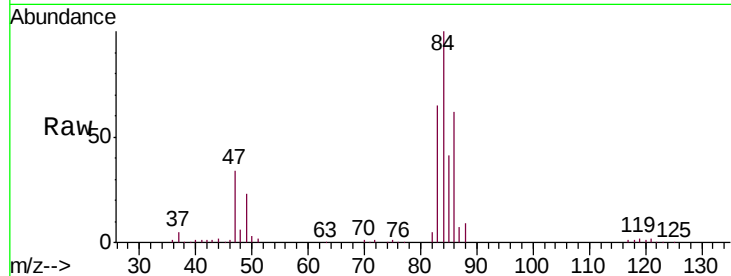




#25
Chloroform
Concen: 7.252 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU031901.D
Acq: 10 May 2019 20:19

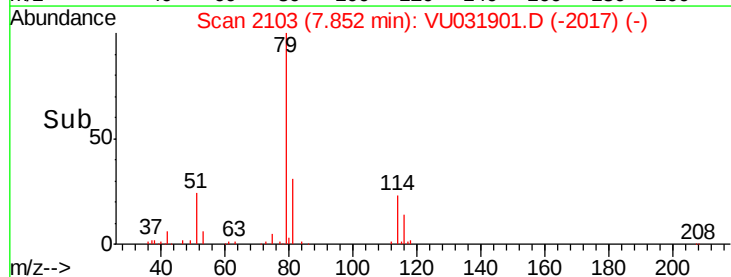
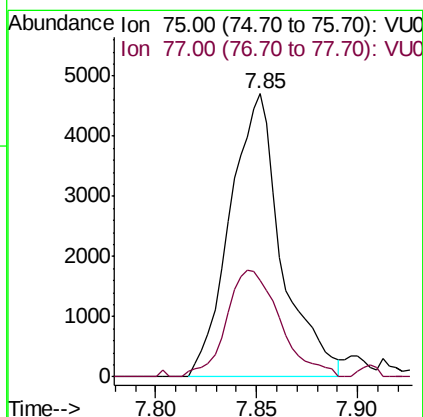
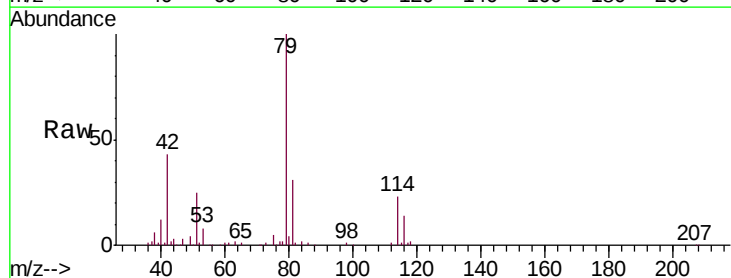
Instrument :
MSVOA_U
ClientSampled :
C0C28

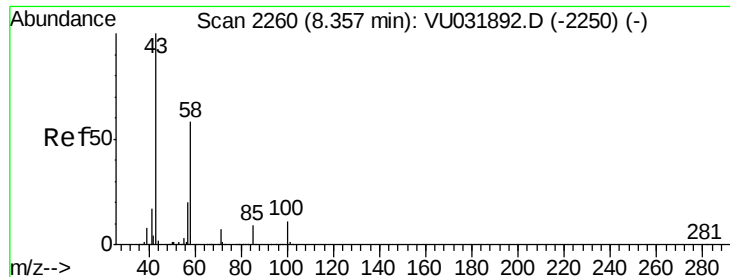
Tgt Ion: 83 Resp: 120386
Ion Ratio Lower Upper
83 100
85 63.0 44.9 83.3



#44
trans-1,3-Dichloropropene
Concen: 0.650 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU031901.D
Acq: 10 May 2019 20:19

Tgt Ion: 75 Resp: 8377
Ion Ratio Lower Upper
75 100
77 34.1 22.1 41.1

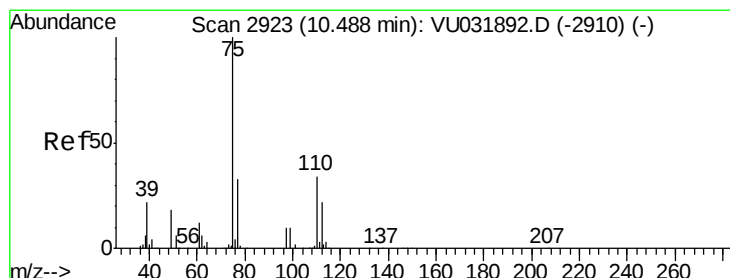
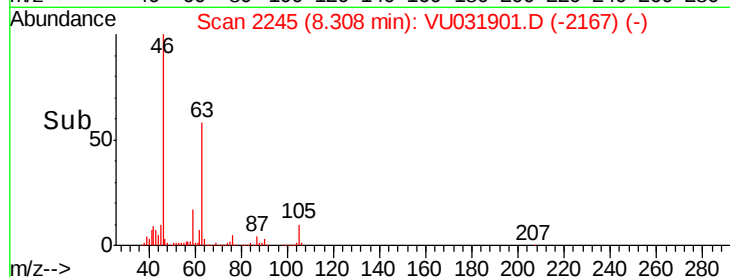
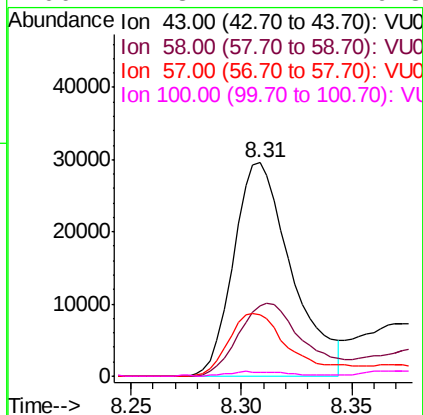
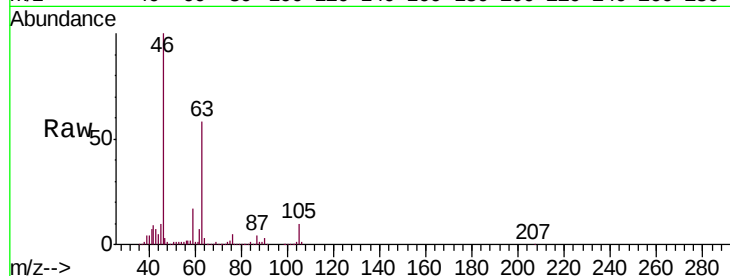




#48
2-Hexanone
Concen: 4.050 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU031901.D
Acq: 10 May 2019 20:19

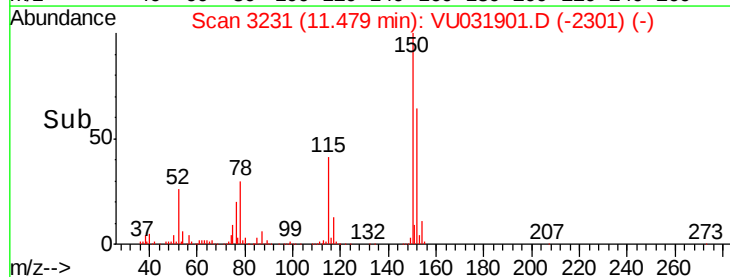
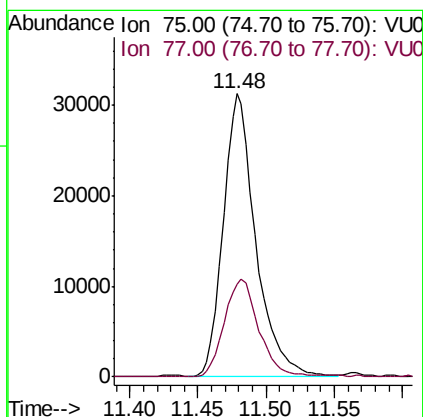
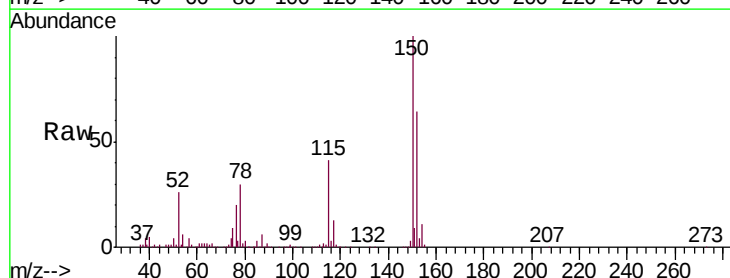
Instrument :
MSVOA_U
ClientSampleId :
C0C28

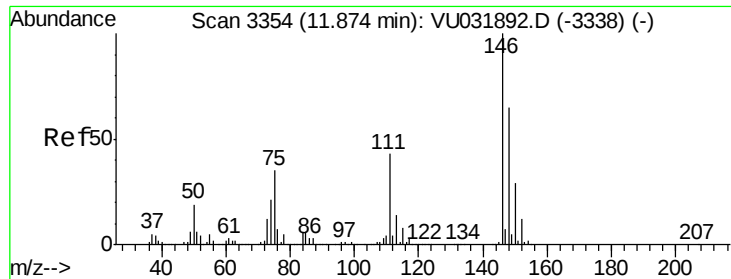
Tgt Ion: 43 Resp: 54152
Ion Ratio Lower Upper
43 100
58 38.2 42.1 63.1#
57 29.8 14.6 22.0#
100 1.3 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 4.065 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031901.D
Acq: 10 May 2019 20:19

Tgt Ion: 75 Resp: 51794
Ion Ratio Lower Upper
75 100
77 36.3 25.9 38.9

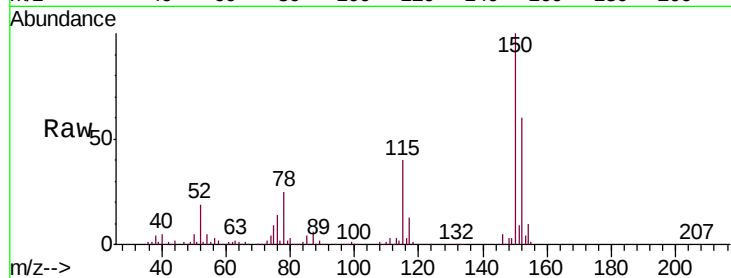




#65
 1,2-Dichlorobenzene
 Concen: 0.690 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VU031901.D
 Acq: 10 May 2019 20:19

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	53.8	35.9	53.9
148	65.3	50.5	75.7



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

