

Data File : VU031471.D
Acq On : 24 Apr 2019 15:26
Operator : JC/SP
Sample : K2451-21RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YAN02RE

Quant Time: Apr 25 06:09:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 06:05:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	327160	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	318460	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	123953	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88	0.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	1.68	69	109842	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.27	63	108232	2.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.00%#
20) 2-Butanone-d5	4.21	46	400558	57.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.08%
24) Chloroform-d	4.64	84	224024	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.31	65	126722	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.80%
32) Benzene-d6	5.33	84	453295	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.33	67	158605	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	7.57	98	83753	1.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	21.80%#
43) trans-1,3-Dichloropropene-	7.85	79	25036	2.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	45.40%#
46) 2-Hexanone-d5	8.31	63	275353	50.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119036	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	126050	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

Target Compounds

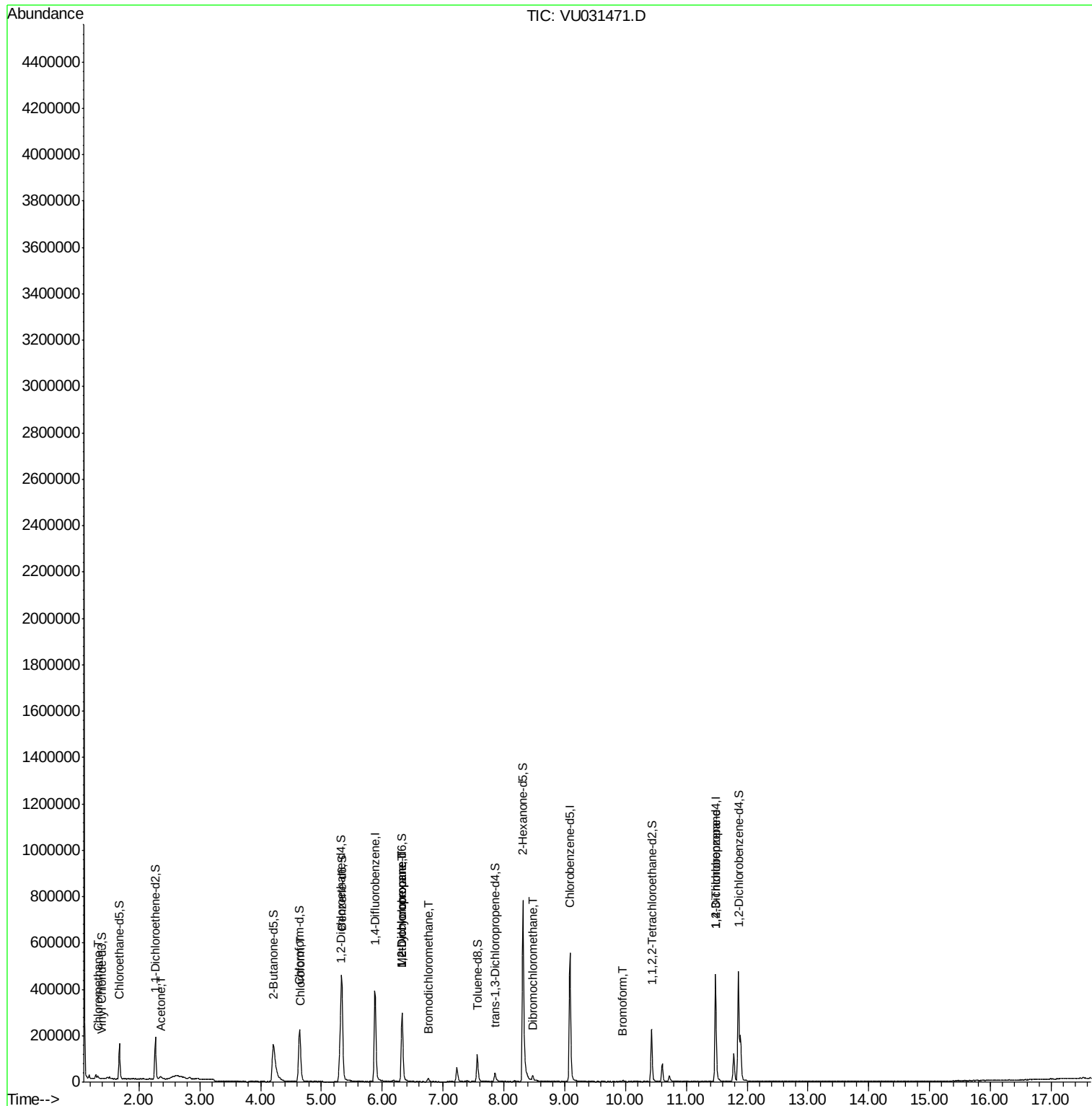
						Qvalue
3) Chloromethane	1.32	50	5398	0.156	ug/L	93
13) Acetone	2.35	43	19612	3.930	ug/L	79
25) Chloroform	4.67	83	9863	0.233	ug/L	87
35) Methylcyclohexane	6.32	83	31907	0.831	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	15441	0.585	ug/L #	89
38) Bromodichloromethane	6.76	83	10991	0.356	ug/L	88
49) Dibromochloromethane	8.47	129	10154	0.504	ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	15606	0.939	ug/L	95
61) Bromoform	9.96	173	2646	0.271	ug/L #	91

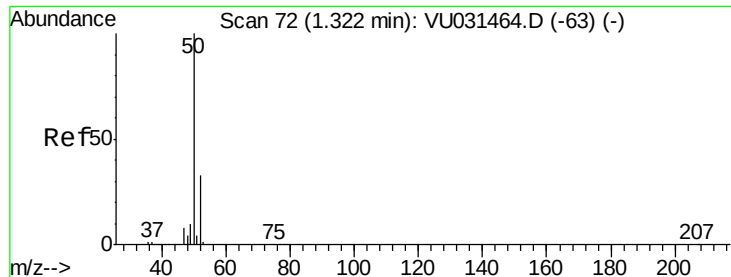
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.156 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

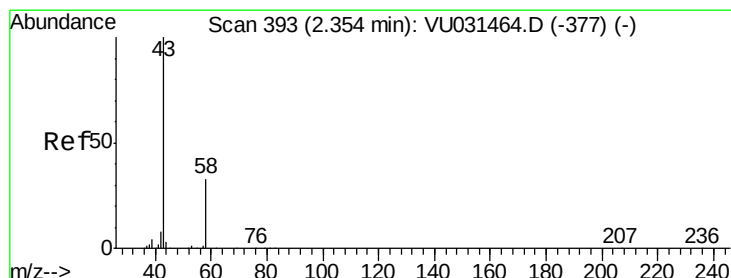
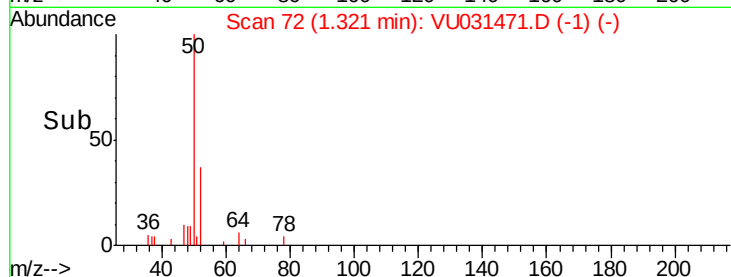
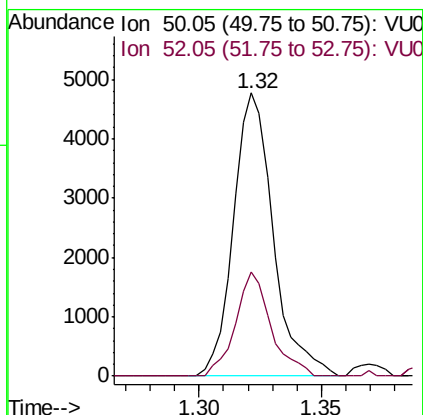
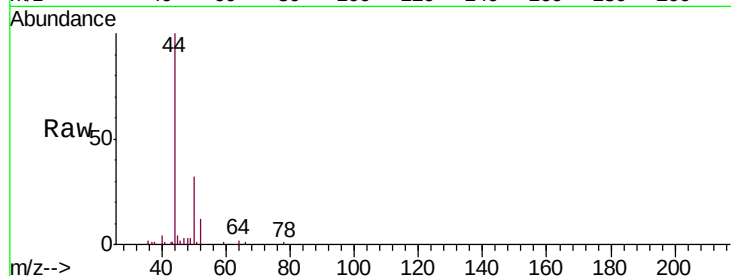
YAN02RE

Tgt Ion: 50 Resp: 5398

Ion Ratio Lower Upper

50 100

52 36.7 23.0 42.8



#13

Acetone

Concen: 3.930 ug/L

RT: 2.35 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU031471.D

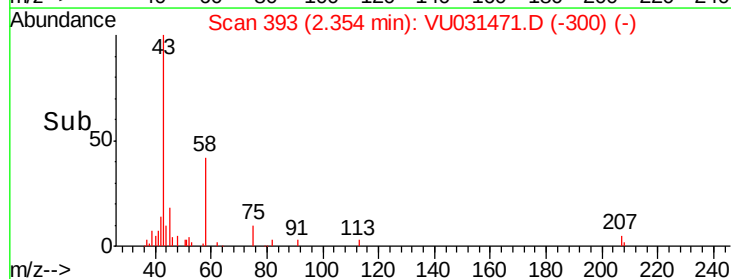
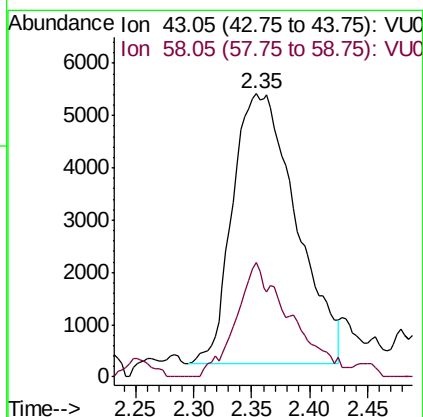
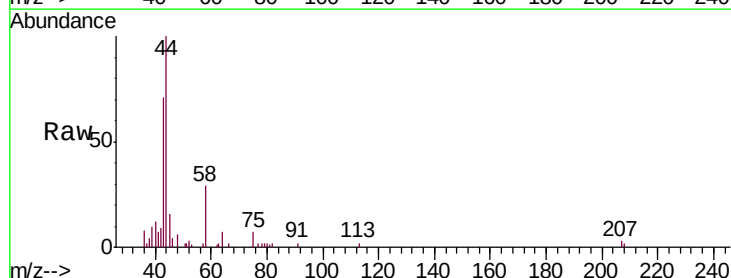
Acq: 24 Apr 2019 15:26

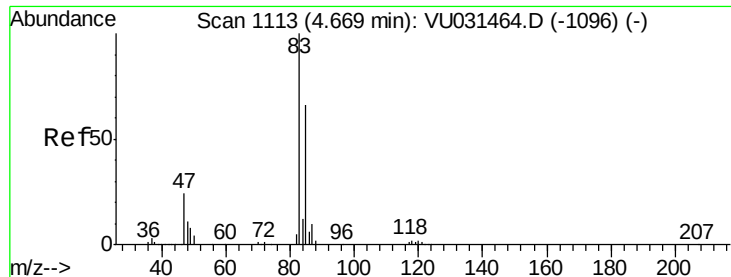
Tgt Ion: 43 Resp: 19612

Ion Ratio Lower Upper

43 100

58 19.5 0.0 62.4

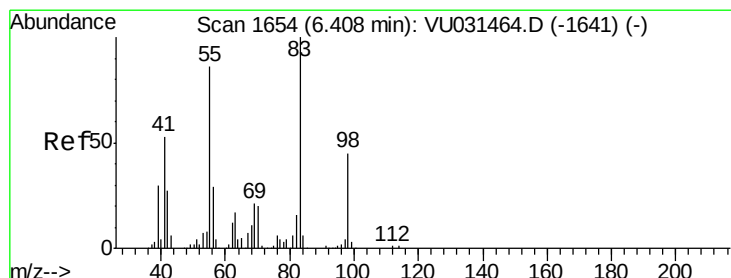
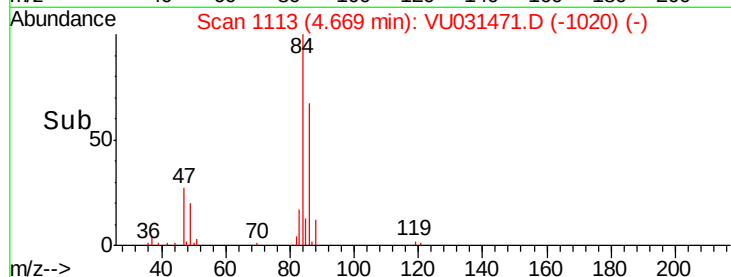
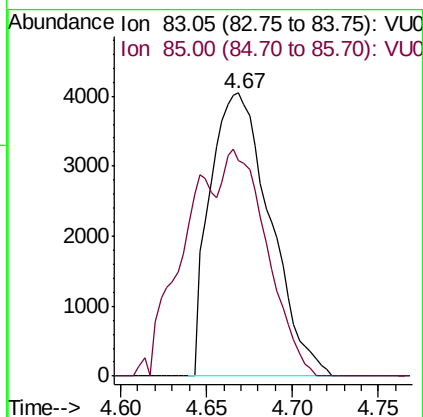
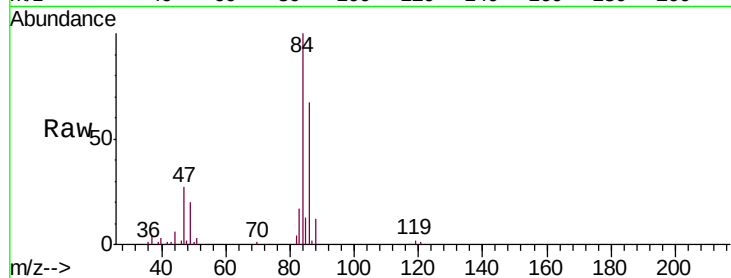




#25
Chloroform
Concen: 0.233 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
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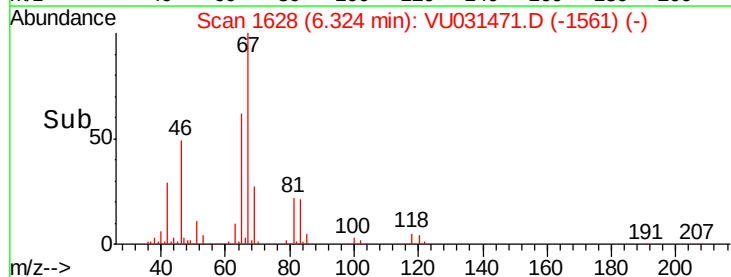
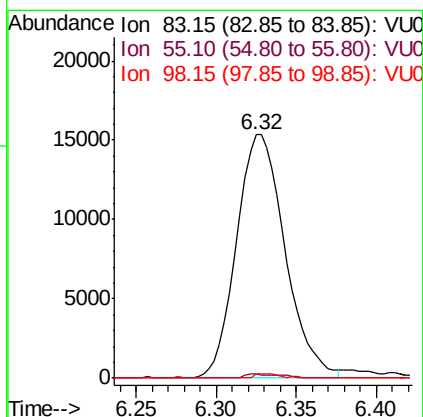
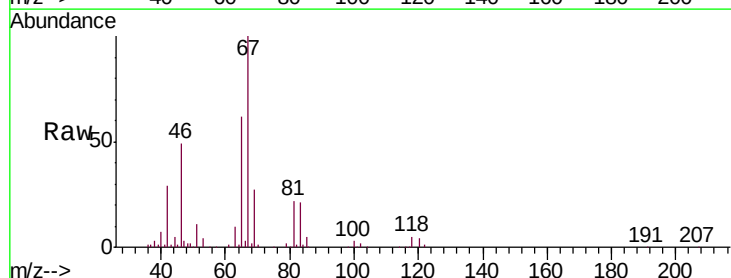
Instrument :
MSVOA_U
ClientSampleId :
YAN02RE

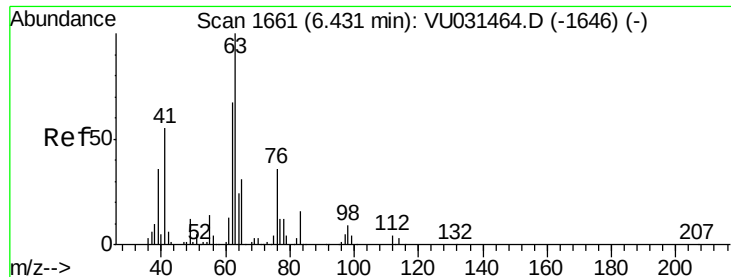
Tgt Ion: 83 Resp: 9863
Ion Ratio Lower Upper
83 100
85 76.2 46.0 85.4



#35
Methylcyclohexane
Concen: 0.831 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU031471.D
Acq: 24 Apr 2019 15:26

Tgt Ion: 83 Resp: 31907
Ion Ratio Lower Upper
83 100
55 0.6 71.1 106.7#
98 0.9 36.6 54.8#





#37

1,2-Dichloropropane

Concen: 0.585 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU031471.D

Acq: 24 Apr 2019 15:26

Instrument :

MSVOA_U

ClientSampleId :

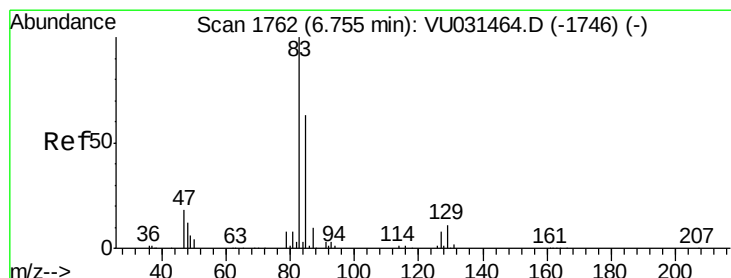
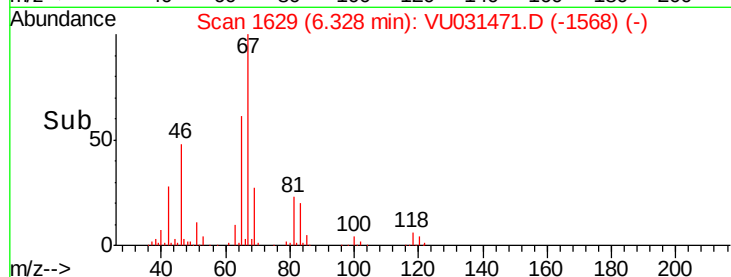
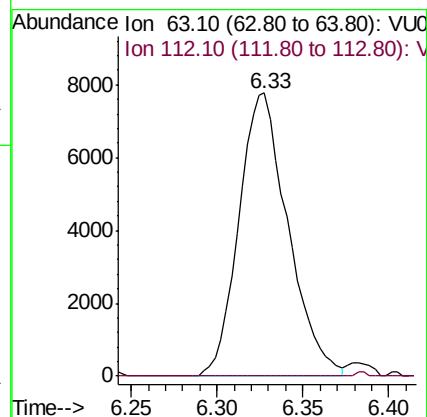
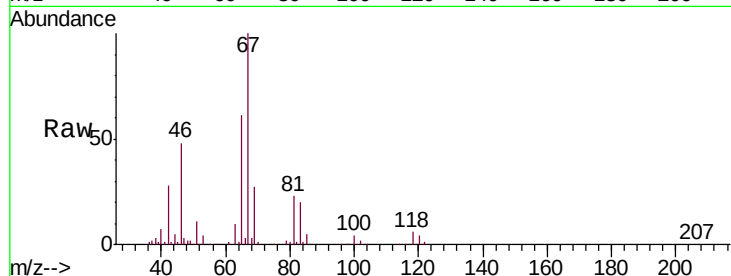
YAN02RE

Tgt Ion: 63 Resp: 15441

Ion Ratio Lower Upper

63 100

112 0.3 3.0 4.6#



#38

Bromodichloromethane

Concen: 0.356 ug/L

RT: 6.76 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VU031471.D

Acq: 24 Apr 2019 15:26

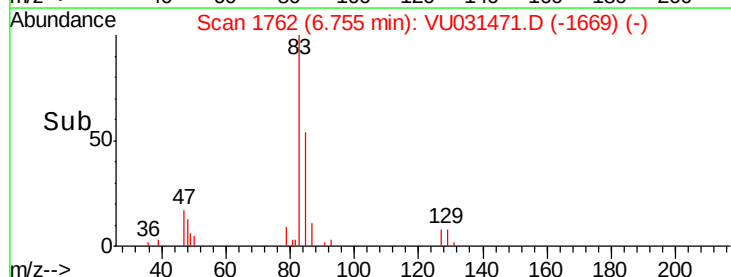
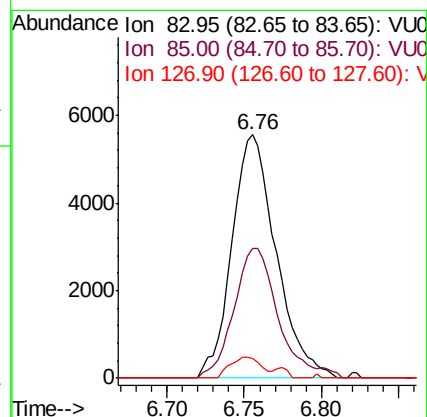
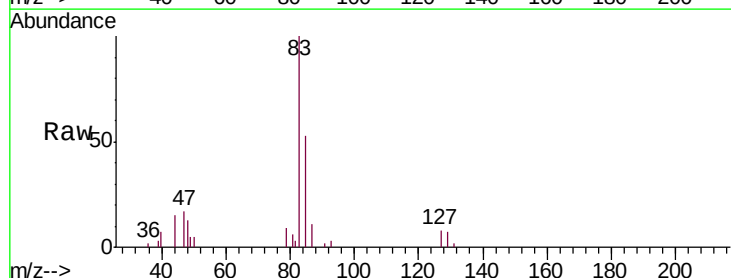
Tgt Ion: 83 Resp: 10991

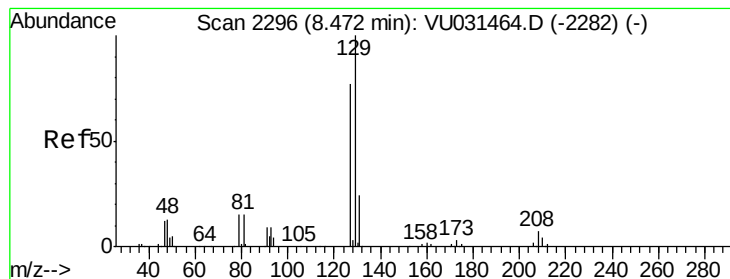
Ion Ratio Lower Upper

83 100

85 53.4 44.8 83.2

127 8.0 6.5 9.7





#49

Dibromochloromethane

Concen: 0.504 ug/L

RT: 8.47 min Scan# 2296

Delta R.T. -0.00 min

Lab File: VU031471.D

Acq: 24 Apr 2019 15:26

Instrument :

MSVOA_U

ClientSampleId :

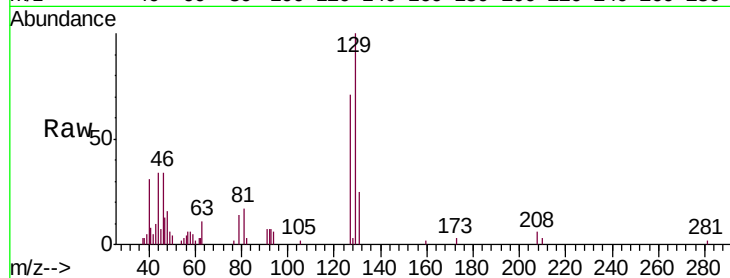
YAN02RE

Tgt Ion:129 Resp: 10154

Ion Ratio Lower Upper

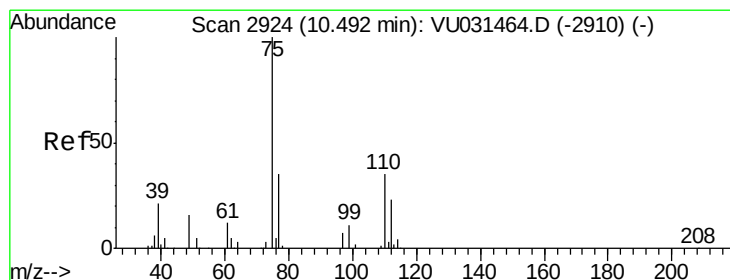
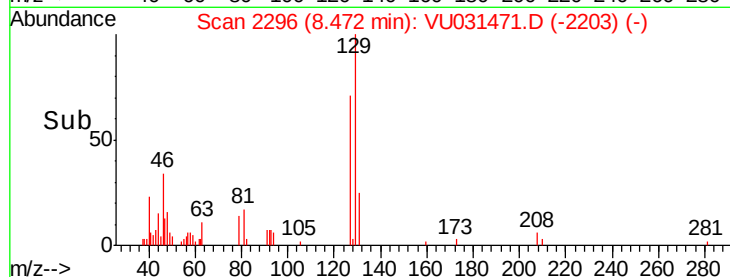
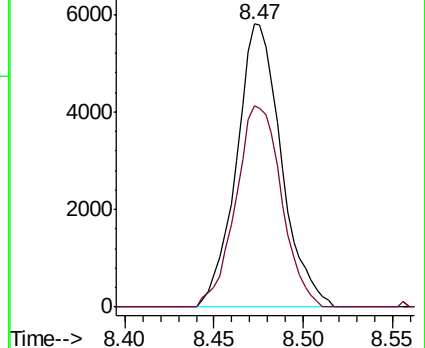
129 100

127 71.2 56.6 105.0



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: 0.939 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031471.D

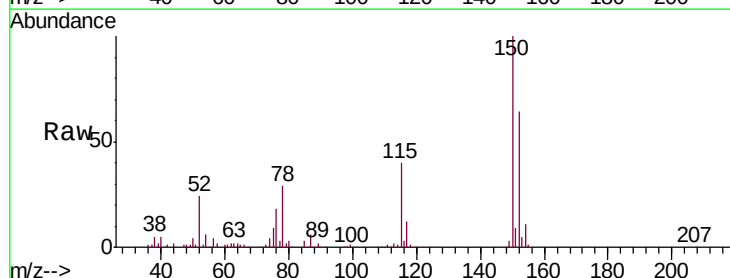
Acq: 24 Apr 2019 15:26

Tgt Ion: 75 Resp: 15606

Ion Ratio Lower Upper

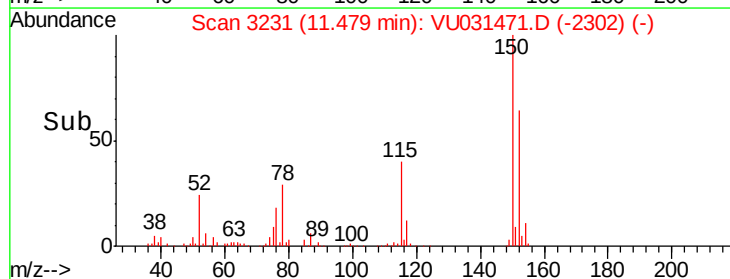
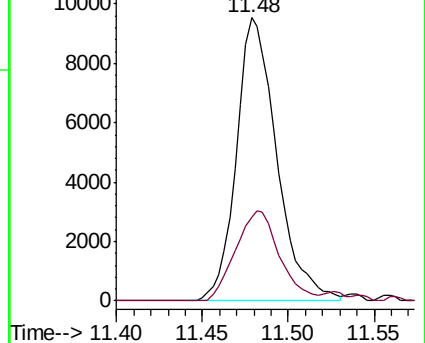
75 100

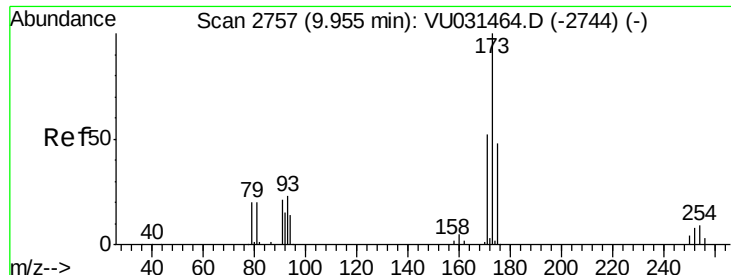
77 34.6 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#61

Bromoform

Concen: 0.271 ug/L

RT: 9.96 min Scan# 2759

Delta R.T. 0.01 min

Lab File: VU031471.D

Acq: 24 Apr 2019 15:26

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MSVOA_U
ClientSampleId :
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Tgt Ion:173 Resp: 2646

Ion Ratio Lower Upper

173 100

175 56.5 39.9 59.9

254 5.8 7.1 10.7#

