

Data File : VU034414.D
Acq On : 08 Sep 2019 05:30
Operator : JC/SP
Sample : K4703-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDA1

Quant Time: Sep 08 06:17:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Sep 08 03:44:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	256900	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	275895	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	116167	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74632	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.68	69	66877	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.26	63	106697	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.17	46	214091	53.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.12%
24) Chloroform-d	4.63	84	158849	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.29	65	77042	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.32	84	317563	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.31	67	104131	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.55	98	266376	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	7.83	79	31430	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.30	63	149865	43.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.06%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	86293	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	108972	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

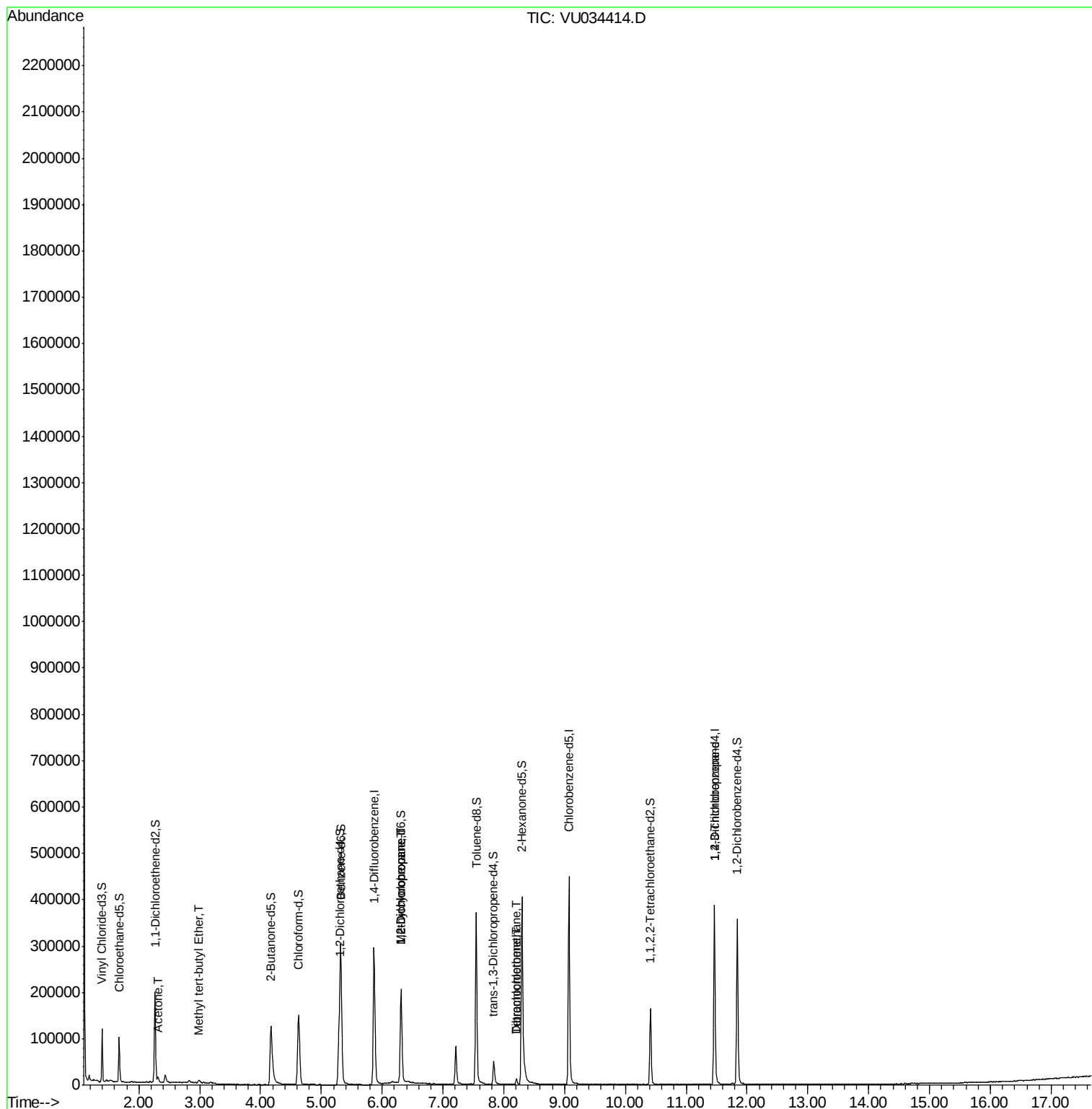
					Qvalue
13) Acetone	2.31	43	10738	4.013	ug/L 99
17) Methyl tert-butyl Ether	2.99	73	5394	0.136	ug/L # 91
35) Methylcyclohexane	6.31	83	24139	0.677	ug/L # 18
37) 1,2-Dichloropropane	6.31	63	10480	0.487	ug/L # 88
47) Tetrachloroethene	8.21	164	3094	0.175	ug/L 90
49) Dibromochloromethane	8.21	129	2804	0.171	ug/L # 11
59) 1,2,3-Trichloropropane	11.46	75	12465	1.012	ug/L 98

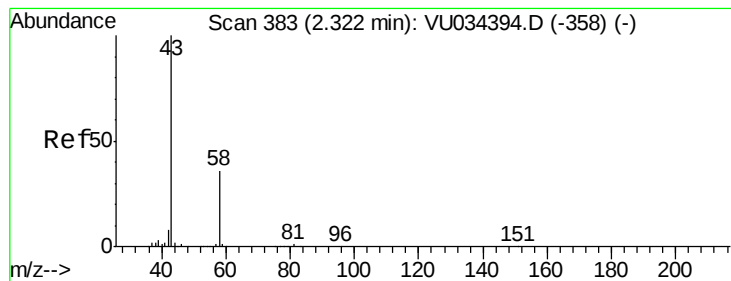
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.013 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

Lab File: VU034414.D

Acq: 08 Sep 2019 05:30

Instrument :

MSVOA_U

ClientSampleId :

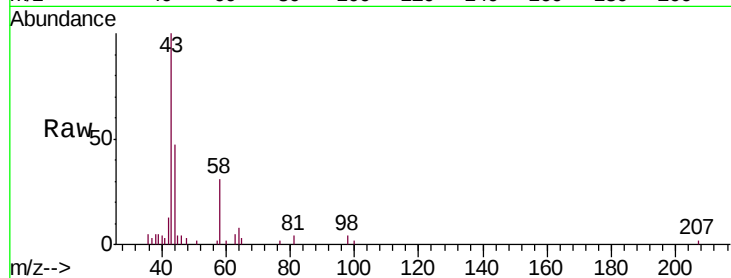
BFDA1

Tgt Ion: 43 Resp: 10738

Ion Ratio Lower Upper

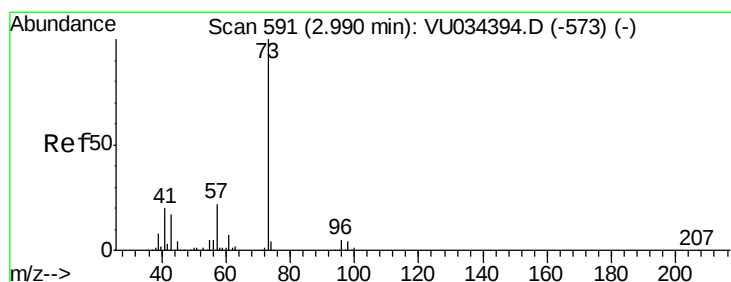
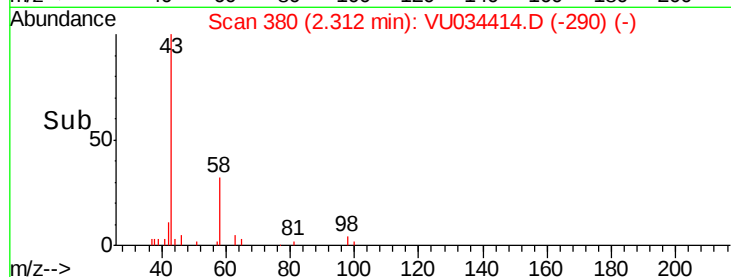
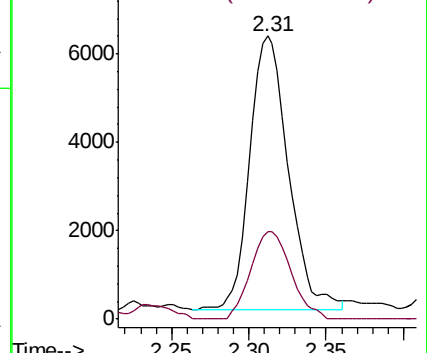
43 100

58 33.3 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU034414.D (-358) (-)

Ion 58.05 (57.75 to 58.75): VU034414.D (-358) (-)



#17

Methyl tert-butyl Ether

Concen: 0.136 ug/L

RT: 2.99 min Scan# 591

Delta R.T. 0.00 min

Lab File: VU034414.D

Acq: 08 Sep 2019 05:30

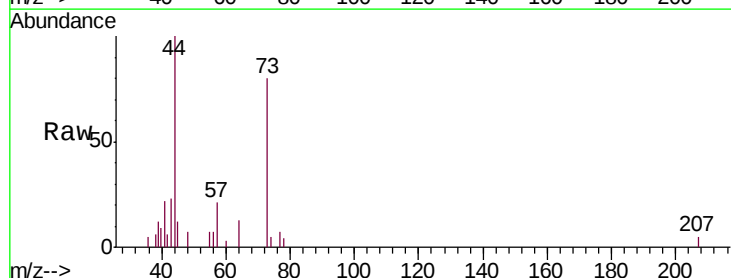
Tgt Ion: 73 Resp: 5394

Ion Ratio Lower Upper

73 100

43 10.3 14.7 22.1#

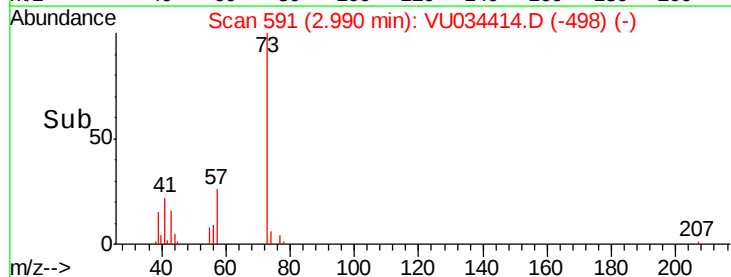
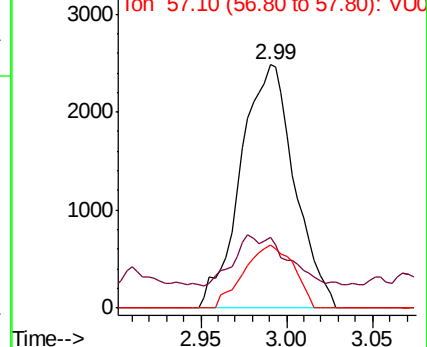
57 23.9 18.6 27.8

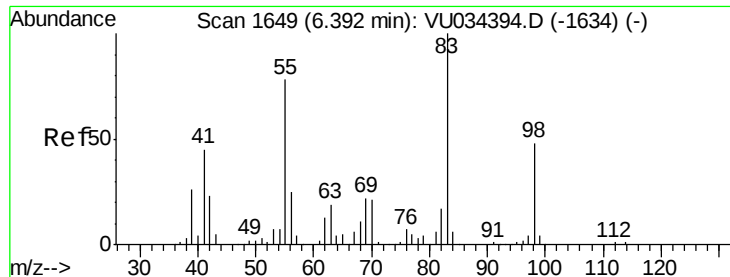


Abundance Ion 73.10 (72.80 to 73.80): VU034414.D (-573) (-)

Ion 43.05 (42.75 to 43.75): VU034414.D (-573) (-)

Ion 57.10 (56.80 to 57.80): VU034414.D (-573) (-)

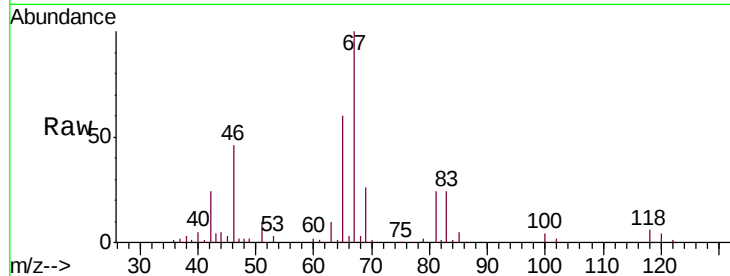




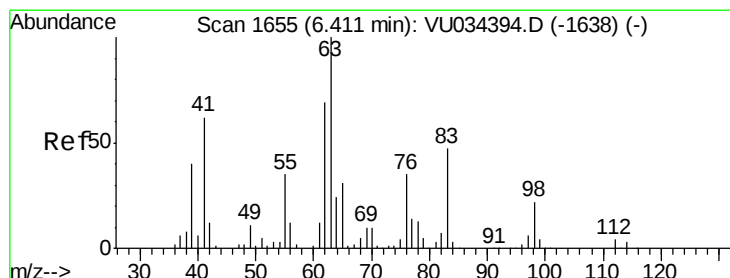
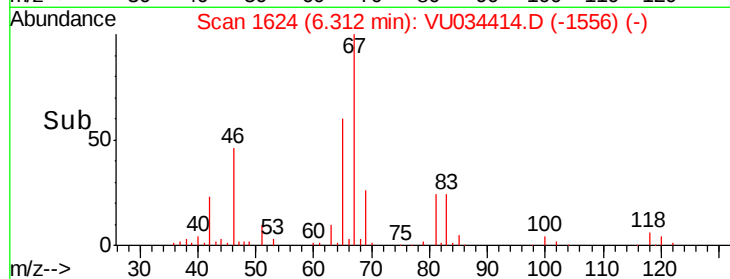
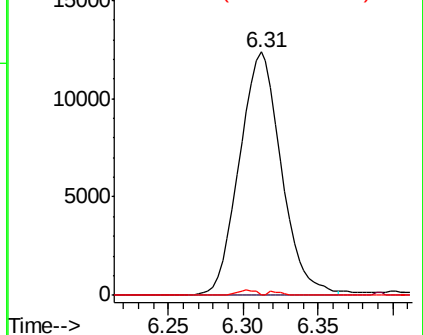
#35
Methylcyclohexane
Concen: 0.677 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU034414.D
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Instrument :
MSVOA_U
ClientSampleId :
BFDA1

Tgt Ion: 83 Resp: 24139
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 0.5 36.2 54.2#

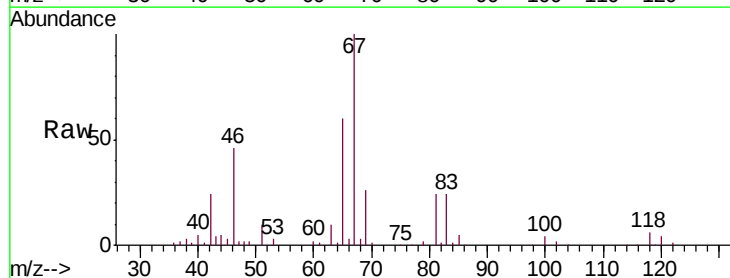


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

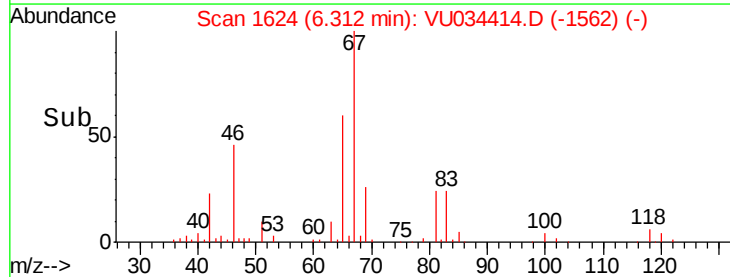
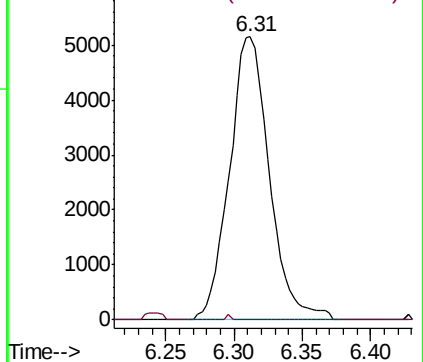


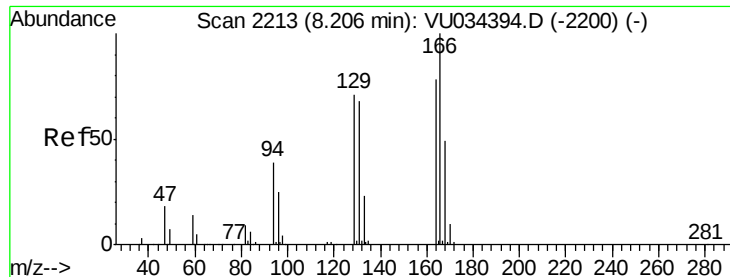
#37
1,2-Dichloropropane
Concen: 0.487 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU034414.D
Acq: 08 Sep 2019 05:30

Tgt Ion: 63 Resp: 10480
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

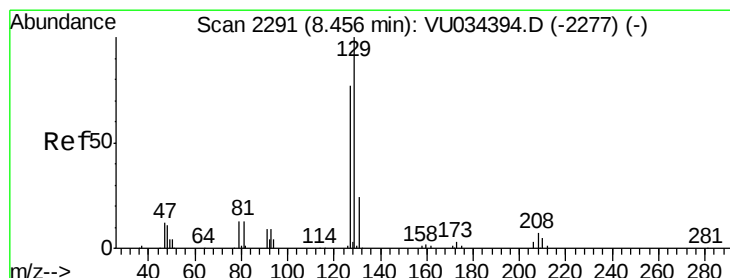
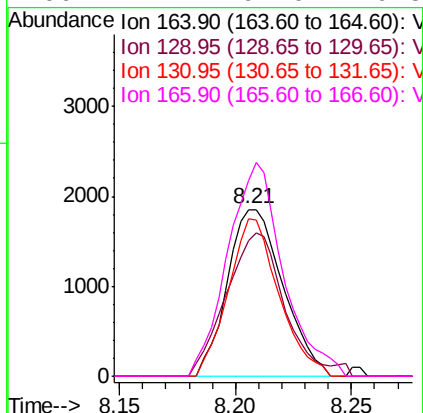
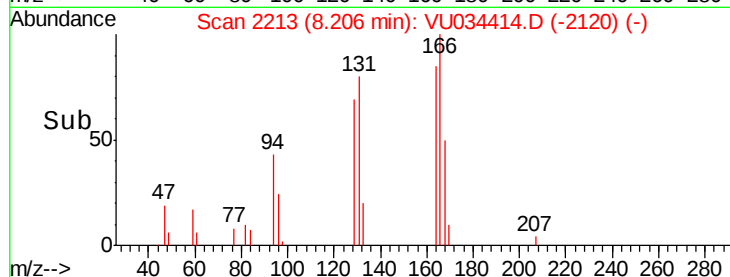
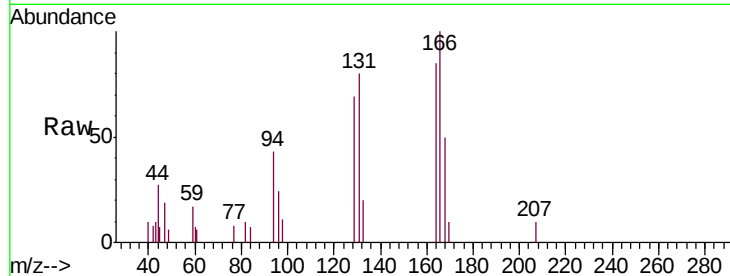




#47
Tetrachloroethene
Concen: 0.175 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU034414.D
Acq: 08 Sep 2019 05:30

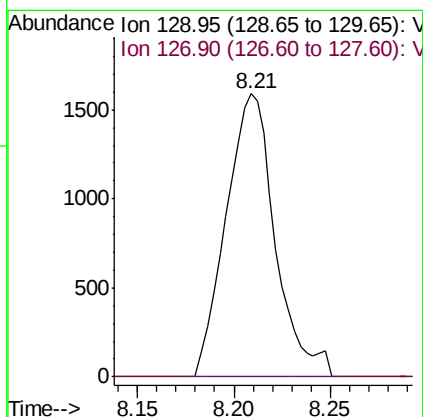
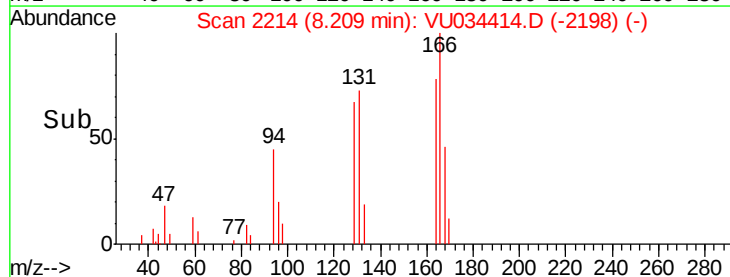
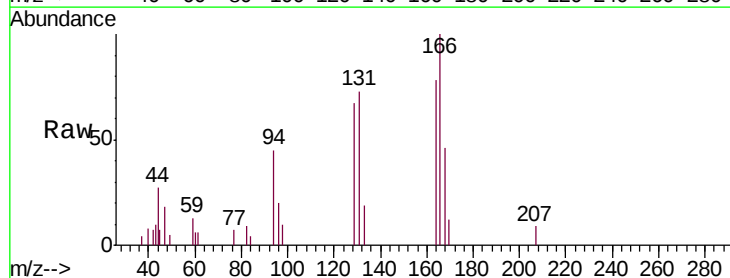
Instrument :
MSVOA_U
ClientSampleId :
BFDA1

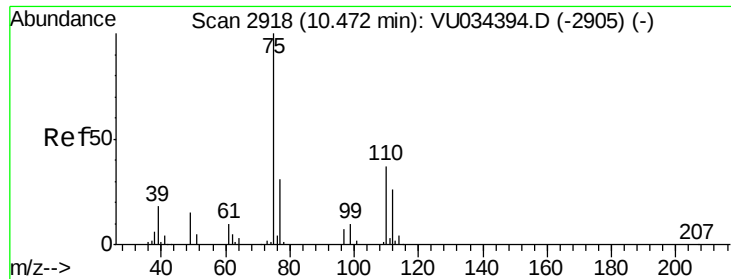
Tgt Ion:164 Resp: 3094
Ion Ratio Lower Upper
164 100
129 81.7 68.0 126.2
131 94.1 64.6 120.0
166 117.7 92.0 170.8



#49
Dibromochloromethane
Concen: 0.171 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.25 min
Lab File: VU034414.D
Acq: 08 Sep 2019 05:30

Tgt Ion:129 Resp: 2804
Ion Ratio Lower Upper
129 100
127 0.0 54.2 100.6#





#59

1,2,3-Trichloropropane

Concen: 1.012 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034414.D

Acq: 08 Sep 2019 05:30

Instrument :

MSVOA_U

ClientSampleId :

BFDA1

Tgt Ion: 75 Resp: 12465

Ion Ratio Lower Upper

75 100

77 33.7 26.0 39.0

