

Data File : VU034392.D
Acq On : 07 Sep 2019 19:50
Operator : JC/SP
Sample : K4685-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFD82

Quant Time: Sep 08 02:36:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 14:18:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	284414	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	289422	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	136439	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72652	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.68	69	68047	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.26	63	111651	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.17	46	207549	46.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.80%
24) Chloroform-d	4.63	84	162784	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.29	65	77451	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.32	84	335094	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.31	67	110788	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.55	98	294088	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.83	79	34822	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.30	63	156100	43.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.44%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	84147	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	120667	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

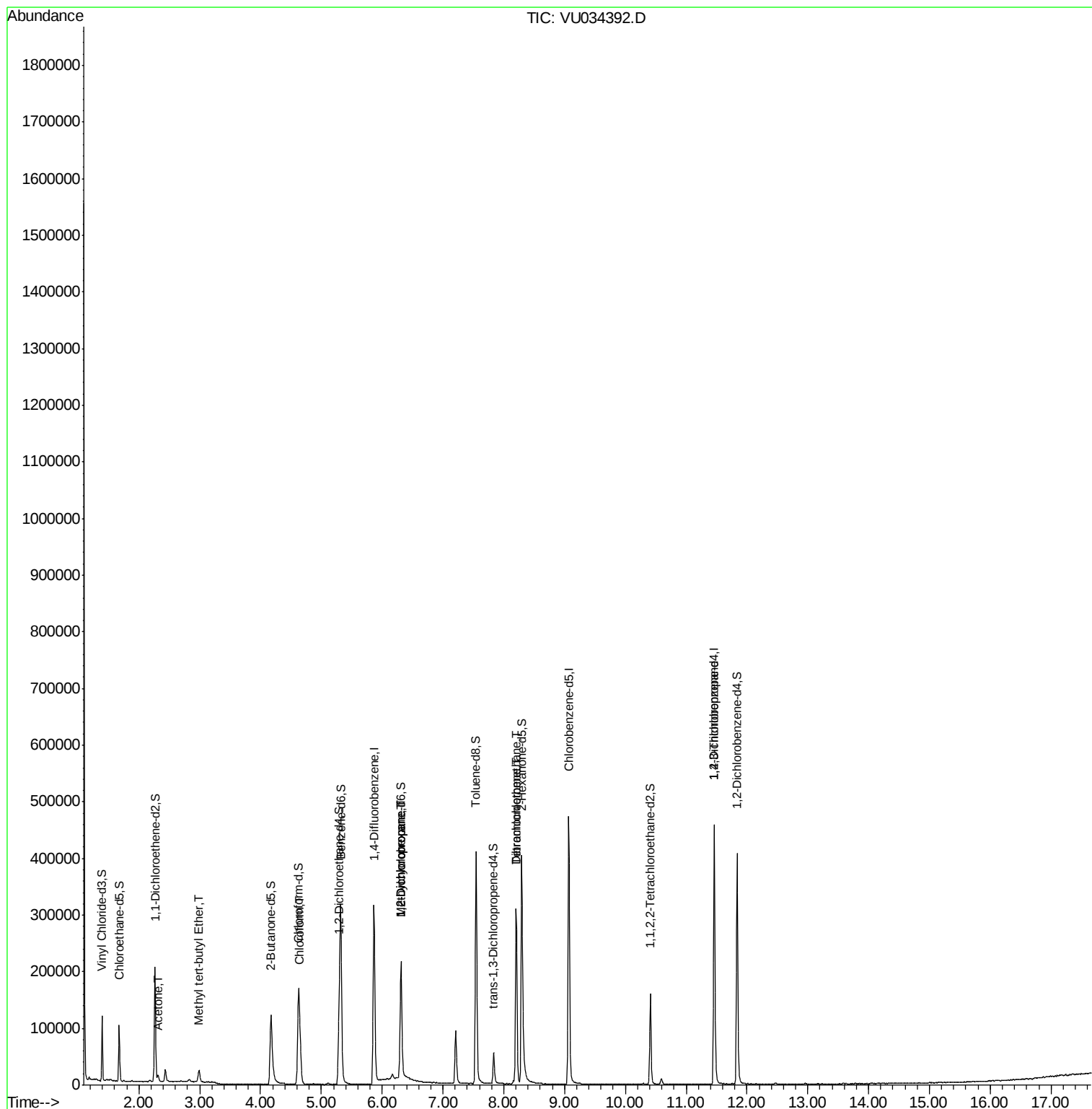
					Qvalue
13) Acetone	2.31	43	9814	3.313 ug/L	95
17) Methyl tert-butyl Ether	2.99	73	21445	0.487 ug/L	98
25) Chloroform	4.65	83	53208	1.386 ug/L	99
35) Methylcyclohexane	6.31	83	23866	0.638 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	10842	0.481 ug/L #	92
47) Tetrachloroethene	8.21	164	76101	4.104 ug/L	94
49) Dibromochloromethane	8.21	129	69755	4.065 ug/L #	11
59) 1,2,3-Trichloropropane	11.46	75	14757	1.143 ug/L	96

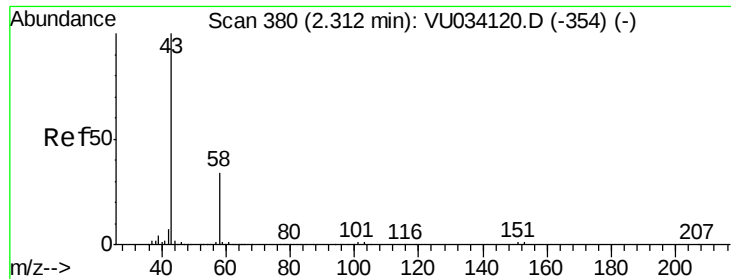
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.313 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

Lab File: VU034392.D

Acq: 07 Sep 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

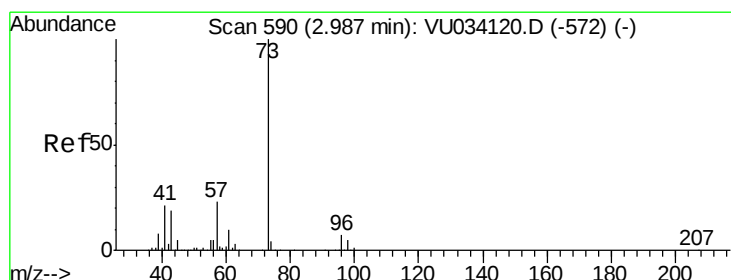
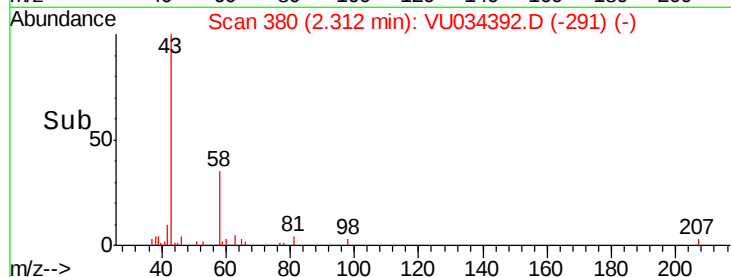
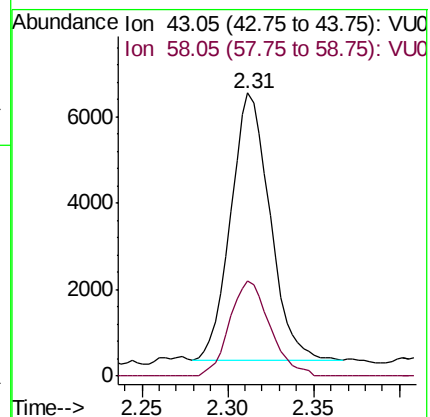
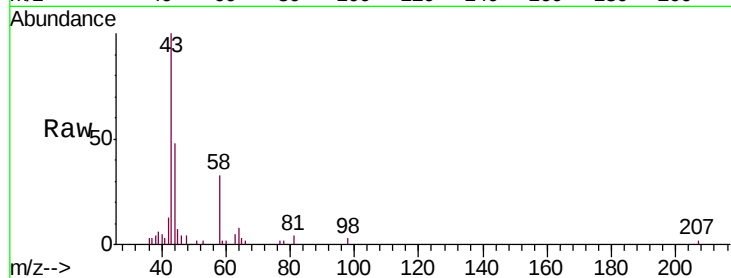
BFD82

Tgt Ion: 43 Resp: 9814

Ion Ratio Lower Upper

43 100

58 36.7 0.0 67.6



#17

Methyl tert-butyl Ether

Concen: 0.487 ug/L

RT: 2.99 min Scan# 591

Delta R.T. 0.00 min

Lab File: VU034392.D

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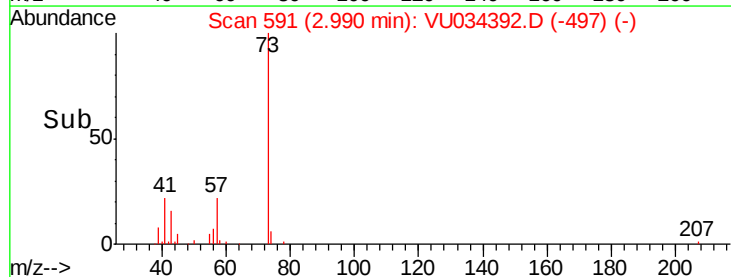
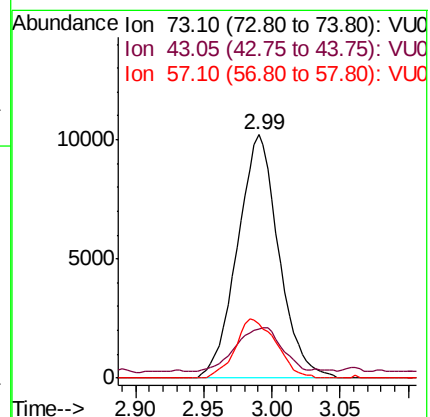
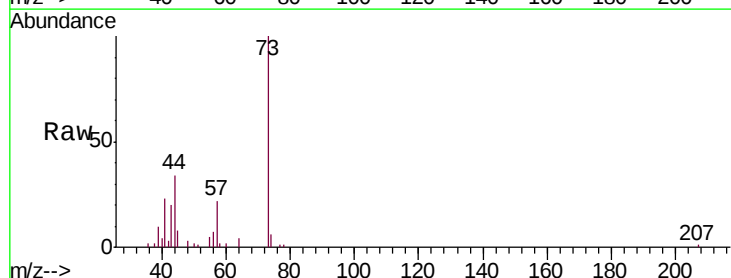
Tgt Ion: 73 Resp: 21445

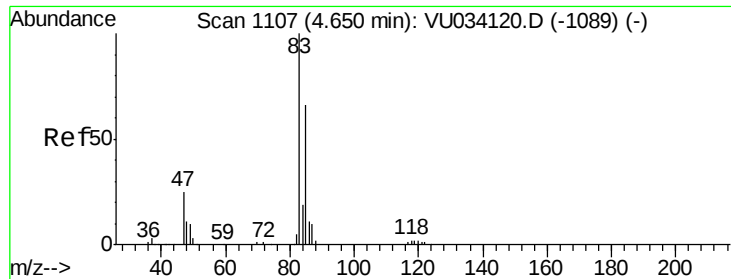
Ion Ratio Lower Upper

73 100

43 19.8 14.7 22.1

57 24.1 18.6 27.8

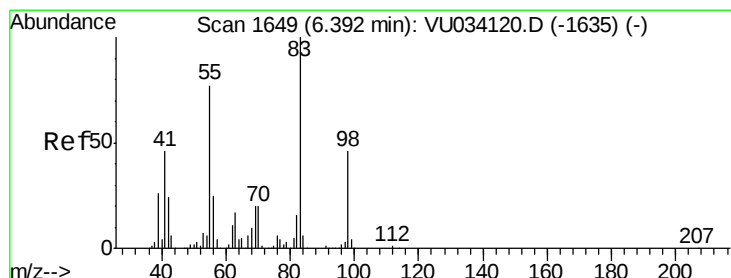
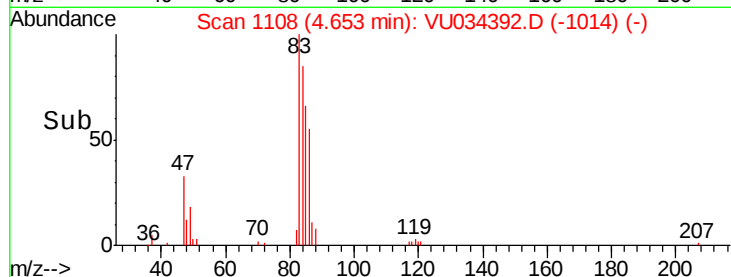
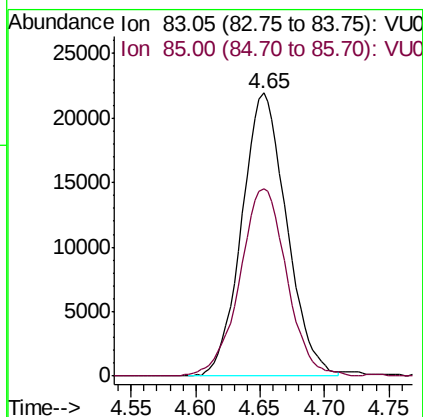
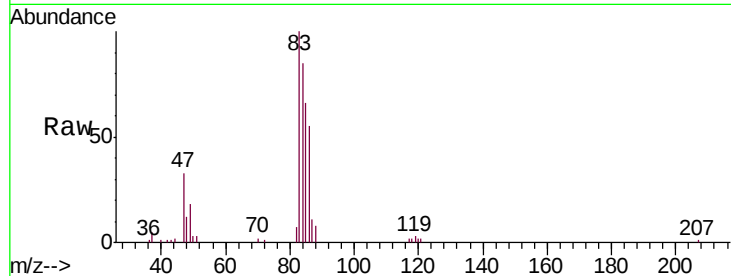




#25
Chloroform
Concen: 1.386 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU034392.D
Acq: 07 Sep 2019 19:50

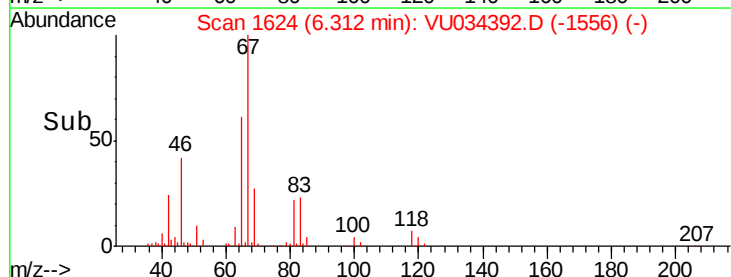
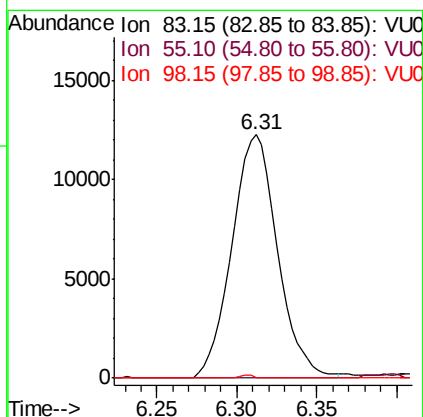
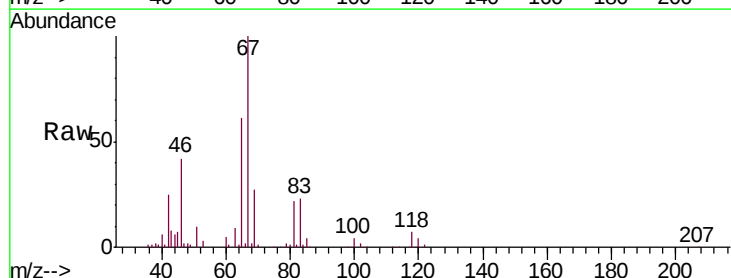
Instrument :
MSVOA_U
ClientSampleId :
BFD82

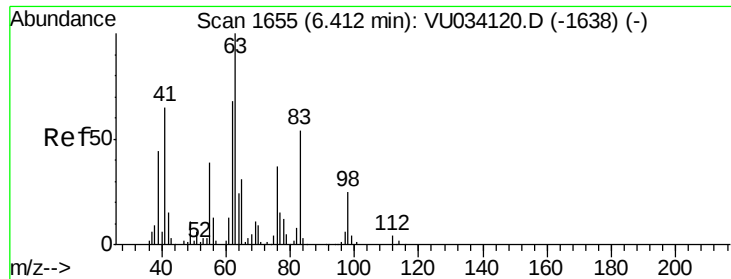
Tgt Ion: 83 Resp: 53208
Ion Ratio Lower Upper
83 100
85 66.2 46.8 86.8



#35
Methylcyclohexane
Concen: 0.638 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU034392.D
Acq: 07 Sep 2019 19:50

Tgt Ion: 83 Resp: 23866
Ion Ratio Lower Upper
83 100
55 1.1 62.6 94.0#
98 0.3 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.481 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.10 min

Lab File: VU034392.D

Acq: 07 Sep 2019 19:50

Instrument :

MSVOA_U

ClientSampled :

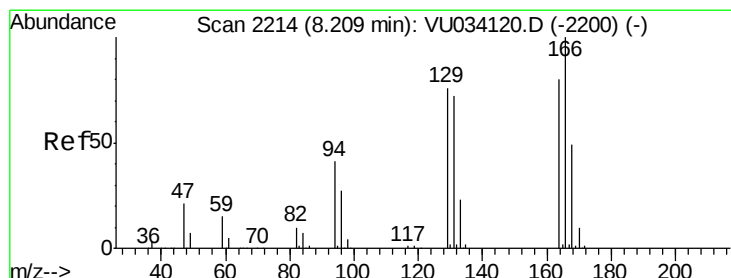
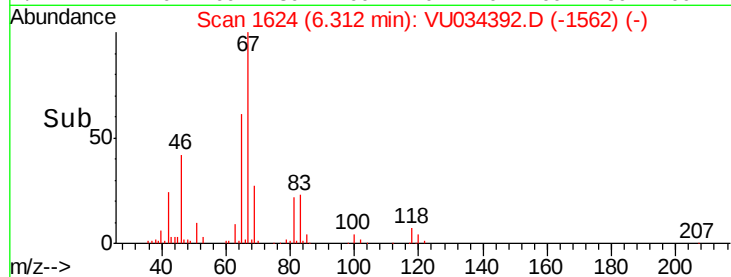
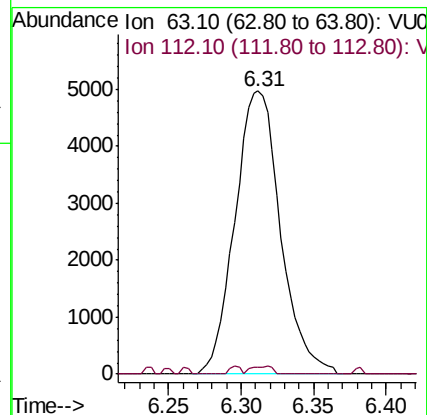
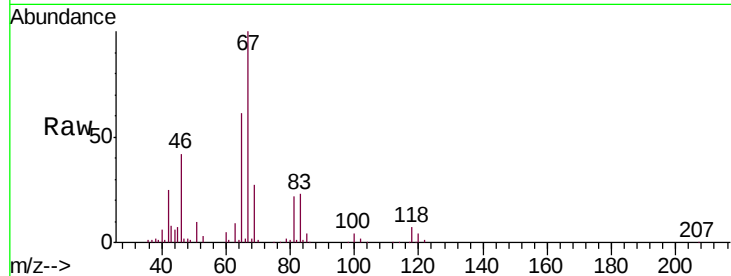
BFD82

Tgt Ion: 63 Resp: 10842

Ion Ratio Lower Upper

63 100

112 1.3 3.3 4.9#



#47

Tetrachloroethene

Concen: 4.104 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034392.D

Acq: 07 Sep 2019 19:50

Tgt Ion: 164 Resp: 76101

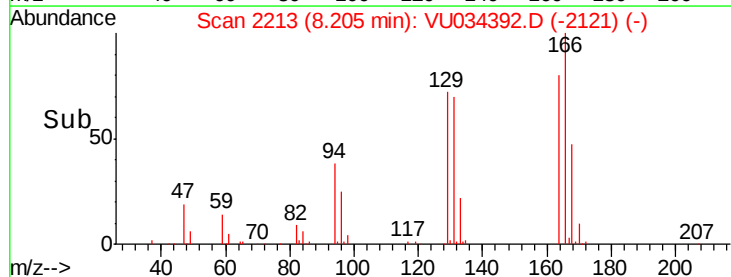
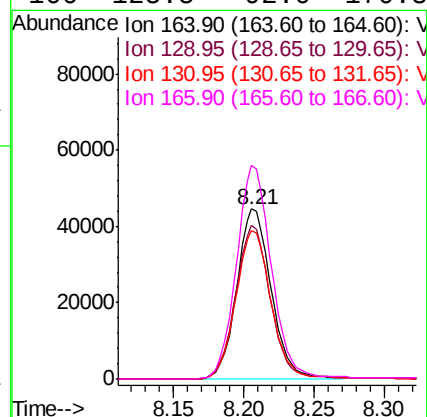
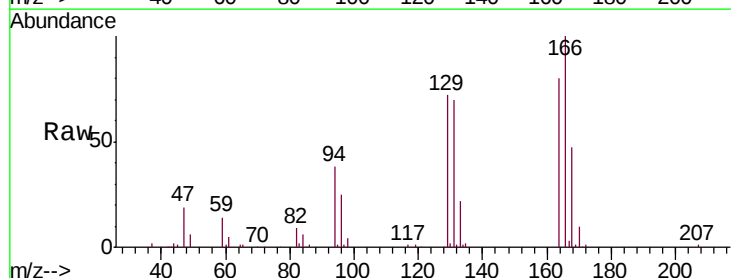
Ion Ratio Lower Upper

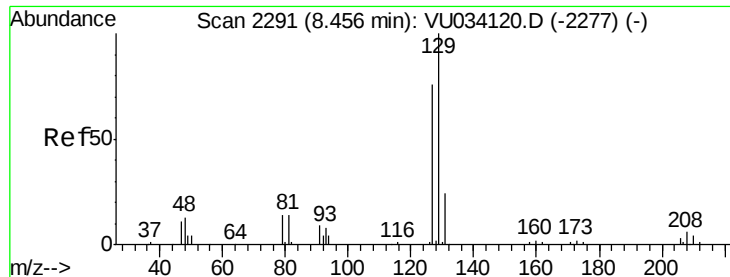
164 100

129 90.4 68.0 126.2

131 87.4 64.6 120.0

166 125.5 92.0 170.8





#49

Dibromochloromethane

Concen: 4.065 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.25 min

Lab File: VU034392.D

Acq: 07 Sep 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

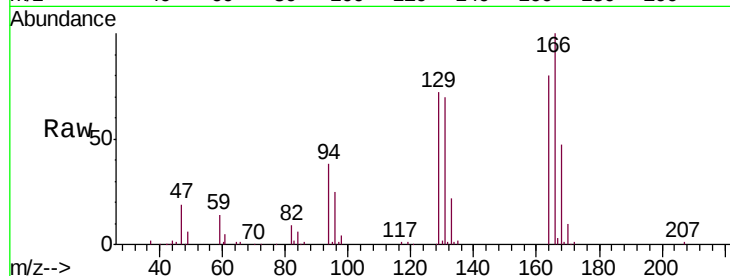
BFD82

Tgt Ion:129 Resp: 69755

Ion Ratio Lower Upper

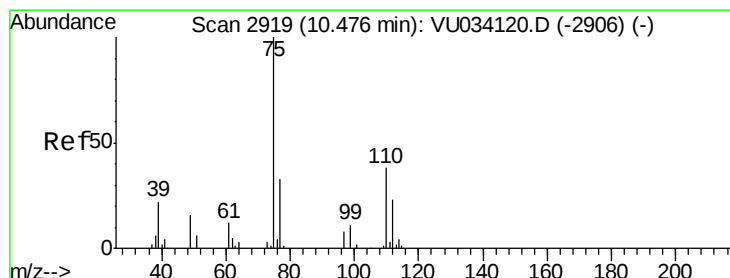
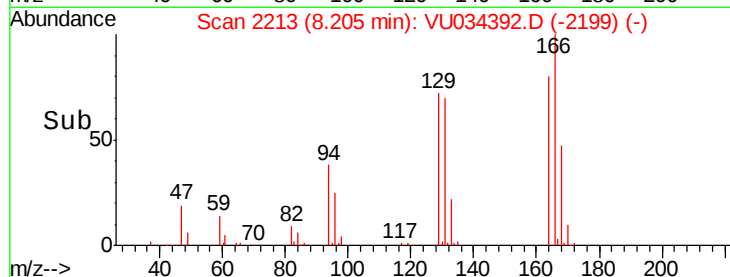
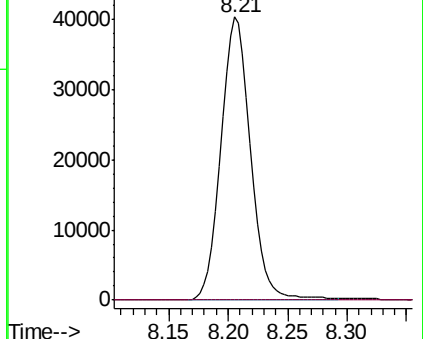
129 100

127 0.0 54.2 100.6#



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: 1.143 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034392.D

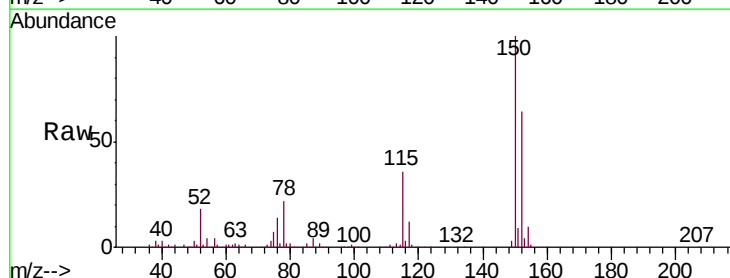
Acq: 07 Sep 2019 19:50

Tgt Ion: 75 Resp: 14757

Ion Ratio Lower Upper

75 100

77 34.5 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

