

Data File : VU034406.D
Acq On : 08 Sep 2019 02:16
Operator : JC/SP
Sample : K4703-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFD92

Quant Time: Sep 08 03:49:41 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	5.87	114	277996	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	287015	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	129309	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73888	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.68	69	68454	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.26	63	120026	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.17	46	222296	51.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.80%
24) Chloroform-d	4.63	84	158677	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.29	65	79208	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.32	84	321941	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.31	67	107668	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.55	98	272517	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	7.83	79	32757	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.30	63	160061	44.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.38%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	88236	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	117164	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

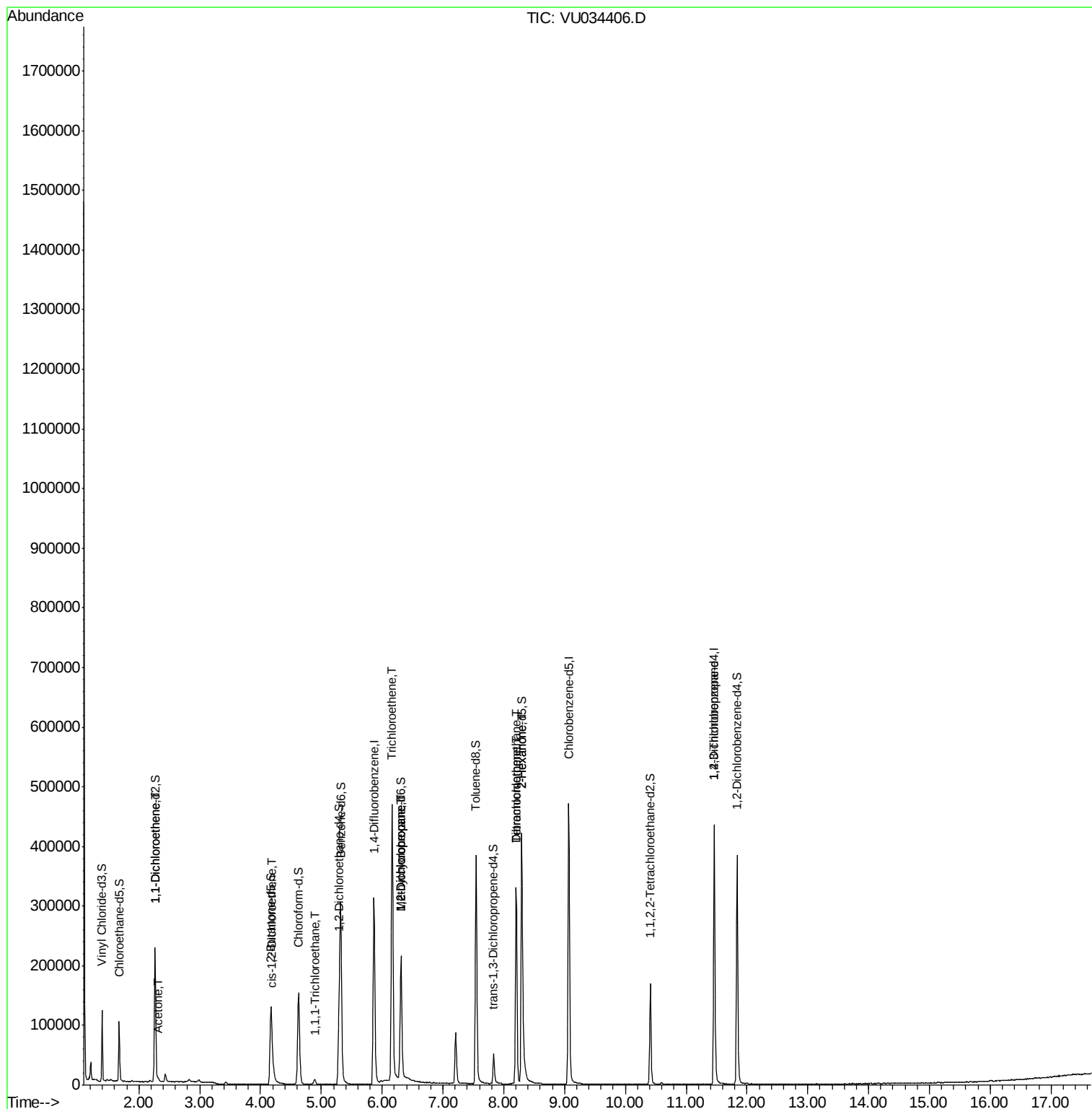
					Qvalue
12) 1,1-Dichloroethene	2.27	96	18370	1.062 ug/L #	1
13) Acetone	2.32	43	5616	1.939 ug/L	91
22) cis-1,2-Dichloroethene	4.20	96	2853	0.136 ug/L	97
29) 1,1,1-Trichloroethane	4.89	97	6367	0.202 ug/L	96
34) Trichloroethene	6.16	95	164504	7.352 ug/L	97
35) Methylcyclohexane	6.31	83	24071	0.649 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	10850	0.485 ug/L #	90
47) Tetrachloroethene	8.21	164	81588	4.437 ug/L	95
48) 2-Hexanone	8.30	43	17516	2.027 ug/L #	75
49) Dibromochloromethane	8.21	129	74066	4.352 ug/L #	11
59) 1,2,3-Trichloropropane	11.46	75	13845	1.081 ug/L	93

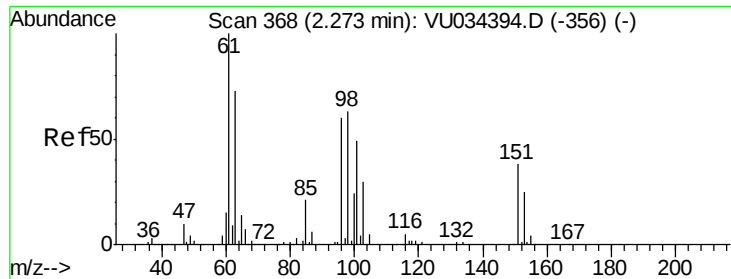
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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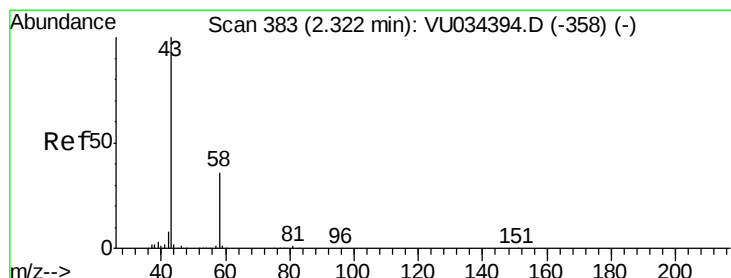
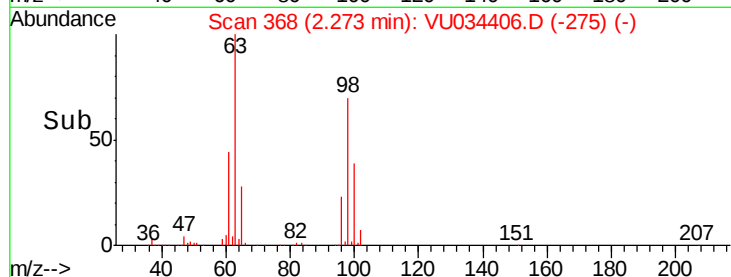
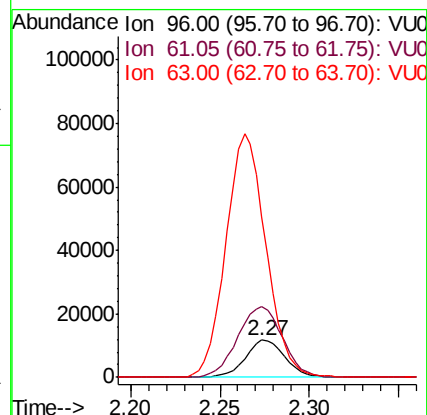
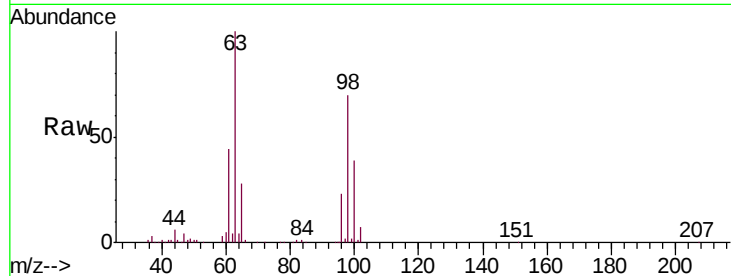




#12
 1,1-Dichloroethene
 Concen: 1.062 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VU034406.D
 Acq: 08 Sep 2019 02:16

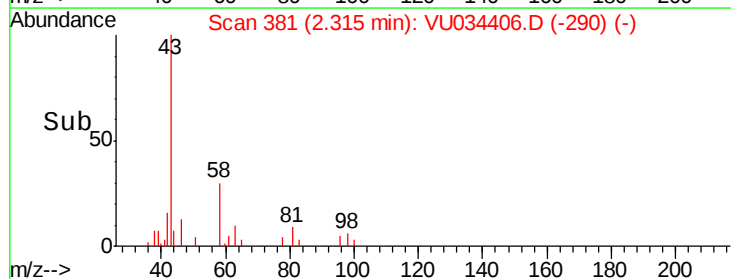
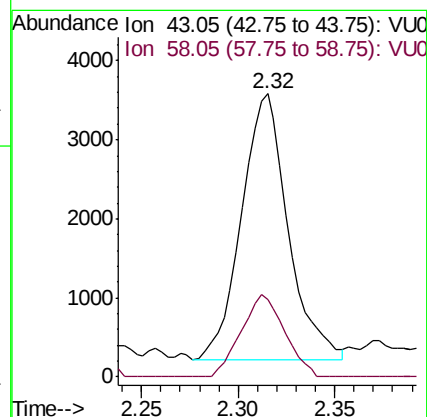
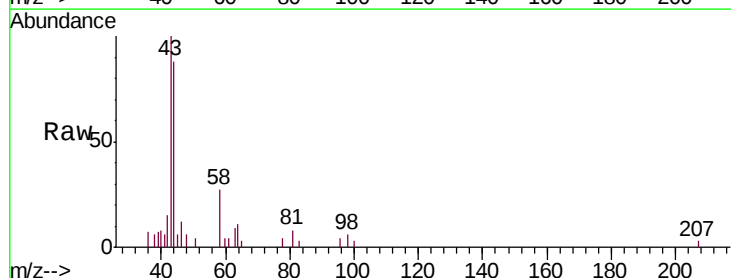
Instrument :
 MSVOA_U
 ClientSampleId :
 BFD92

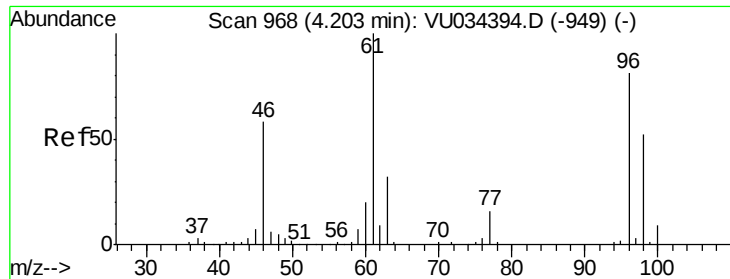
Tgt Ion: 96 Resp: 18370
 Ion Ratio Lower Upper
 96 100
 61 191.1 126.6 235.0
 63 433.2 94.5 175.5#



#13
 Acetone
 Concen: 1.939 ug/L
 RT: 2.32 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VU034406.D
 Acq: 08 Sep 2019 02:16

Tgt Ion: 43 Resp: 5616
 Ion Ratio Lower Upper
 43 100
 58 28.9 0.0 67.6

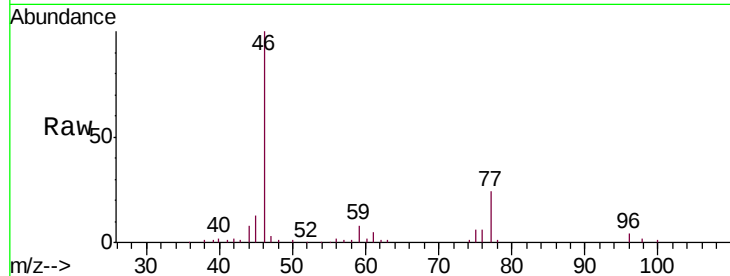




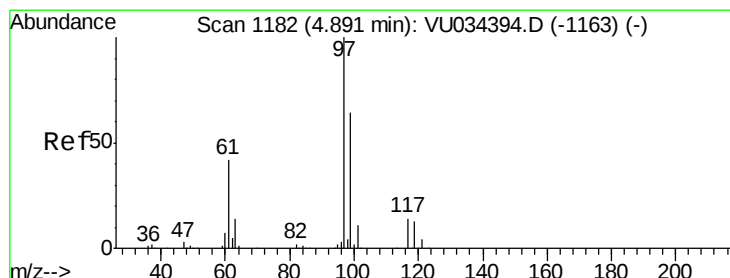
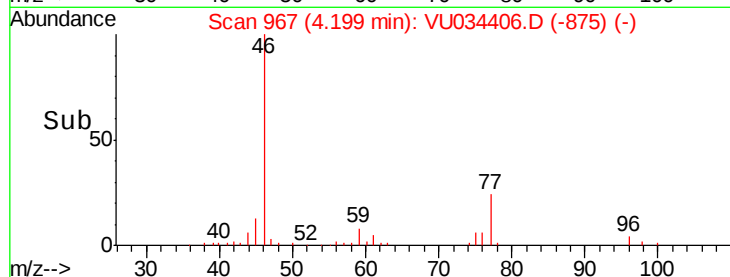
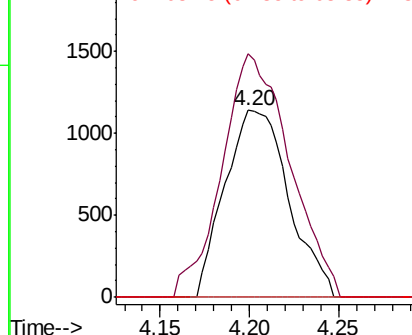
#22
 cis-1,2-Dichloroethene
 Concen: 0.136 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VU034406.D
 Acq: 08 Sep 2019 02:16

Instrument :
 MSVOA_U
 ClientSampleId :
 BFD92

Tgt Ion: 96 Resp: 2853
 Ion Ratio Lower Upper
 96 100
 61 130.5 93.6 173.8
 68 0.0 0.0 0.0

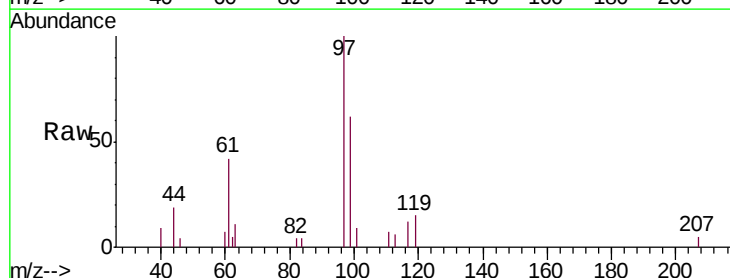


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

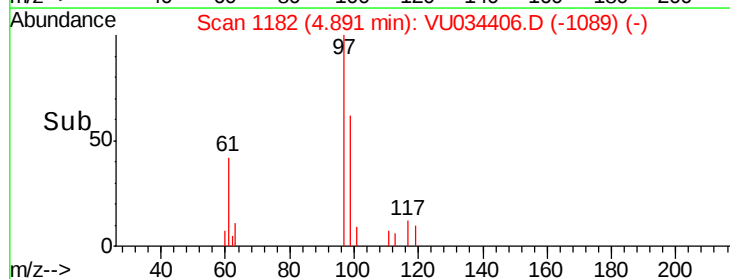
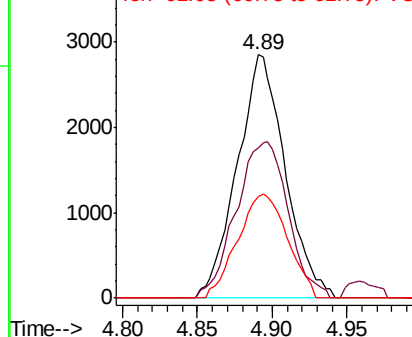


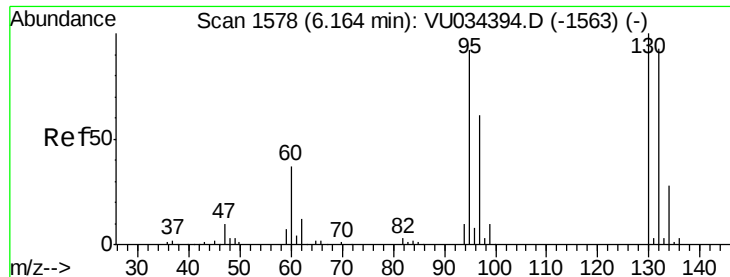
#29
 1,1,1-Trichloroethane
 Concen: 0.202 ug/L
 RT: 4.89 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VU034406.D
 Acq: 08 Sep 2019 02:16

Tgt Ion: 97 Resp: 6367
 Ion Ratio Lower Upper
 97 100
 99 69.8 52.1 78.1
 61 44.4 35.4 53.2



Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0





#34

Trichloroethene

Concen: 7.352 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034406.D

Acq: 08 Sep 2019 02:16

Instrument :

MSVOA_U

ClientSampled :

BFD92

Tgt Ion: 95 Resp: 164504

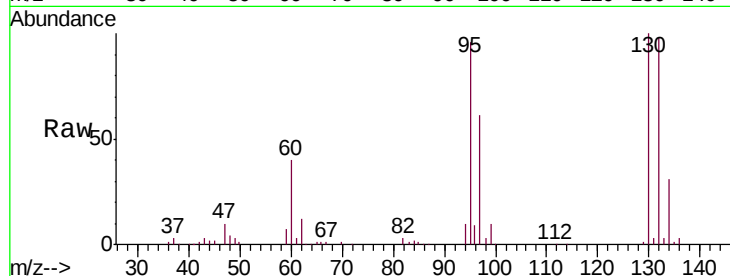
Ion Ratio Lower Upper

95 100

97 63.3 43.3 80.5

132 102.4 68.6 127.4

130 104.1 70.5 130.9

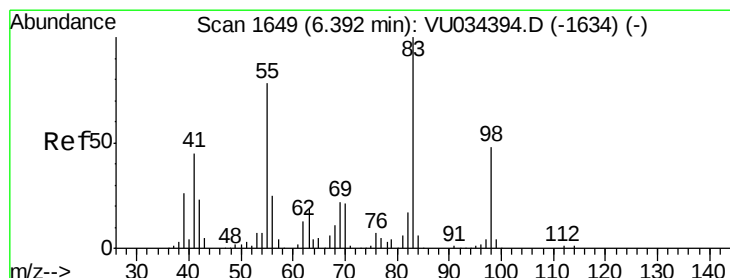
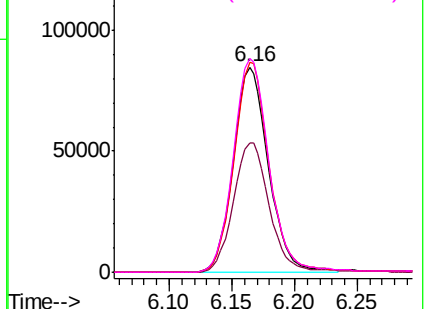
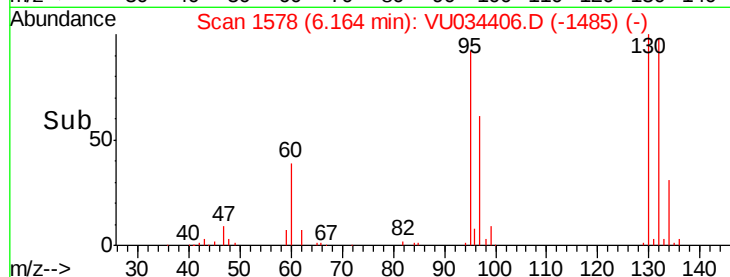


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.649 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU034406.D

Acq: 08 Sep 2019 02:16

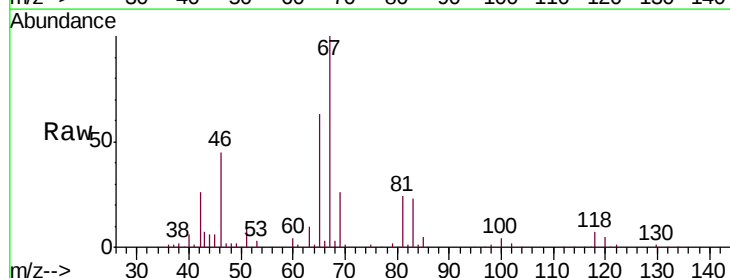
Tgt Ion: 83 Resp: 24071

Ion Ratio Lower Upper

83 100

55 0.3 62.6 94.0#

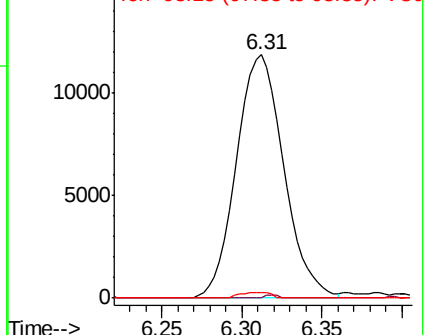
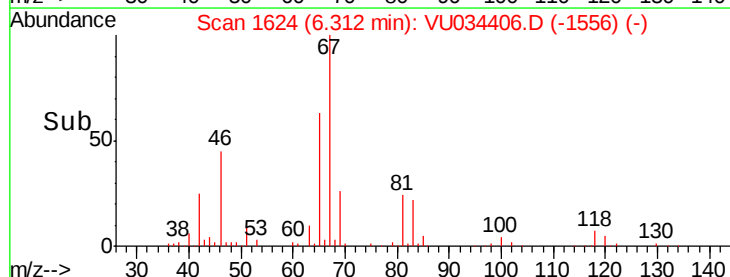
98 1.5 36.2 54.2#

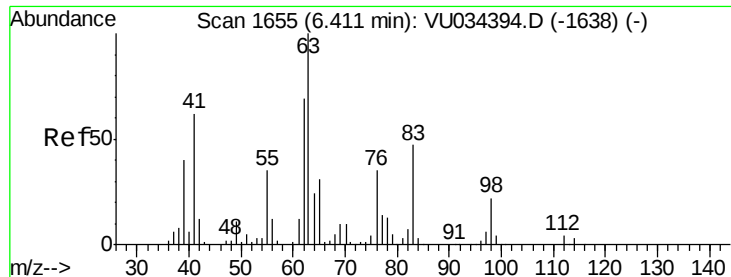


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

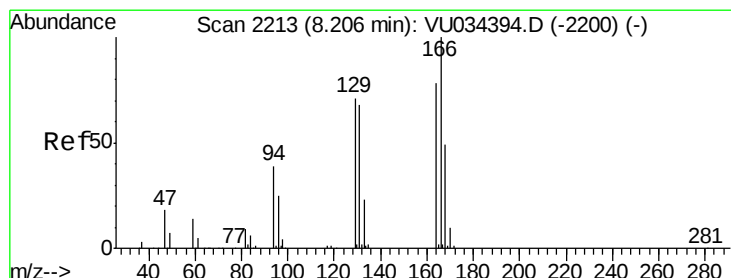
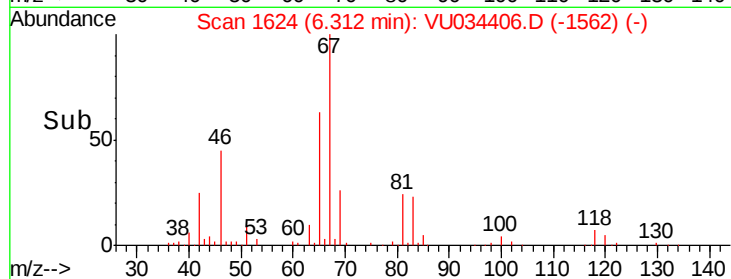
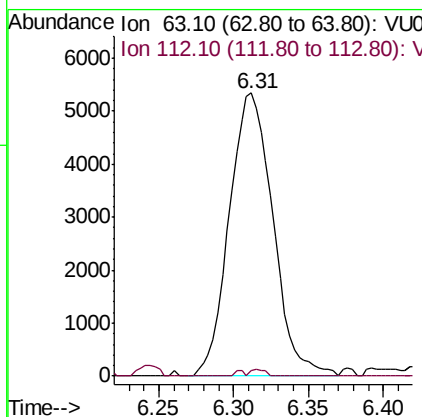
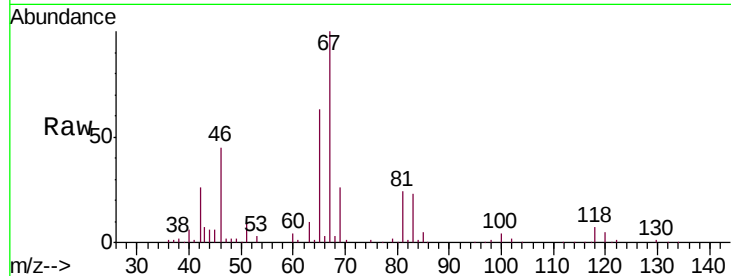




#37
 1,2-Dichloropropane
 Concen: 0.485 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU034406.D
 Acq: 08 Sep 2019 02:16

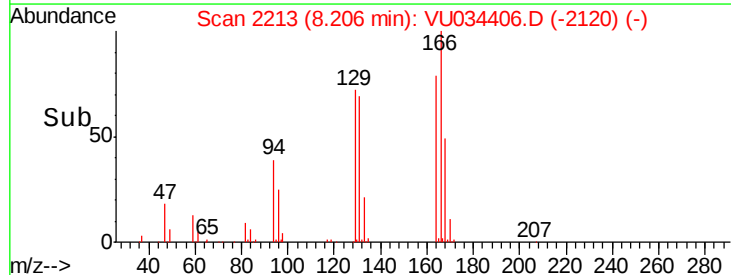
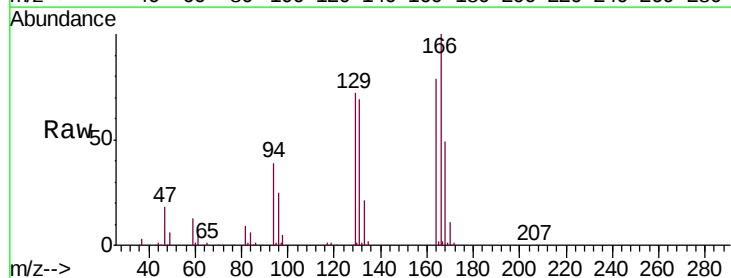
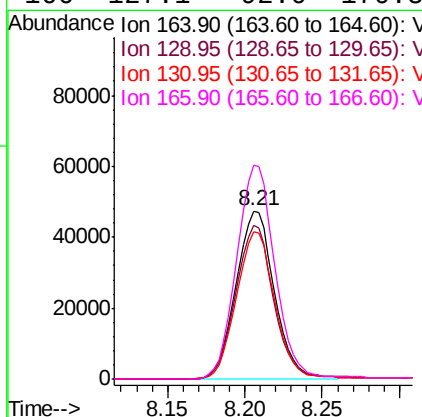
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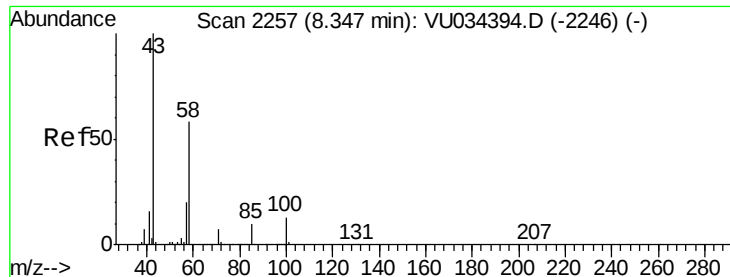
Tgt Ion: 63 Resp: 10850
 Ion Ratio Lower Upper
 63 100
 112 0.8 3.3 4.9#



#47
 Tetrachloroethene
 Concen: 4.437 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: VU034406.D
 Acq: 08 Sep 2019 02:16

Tgt Ion: 164 Resp: 81588
 Ion Ratio Lower Upper
 164 100
 129 91.1 68.0 126.2
 131 87.7 64.6 120.0
 166 127.1 92.0 170.8

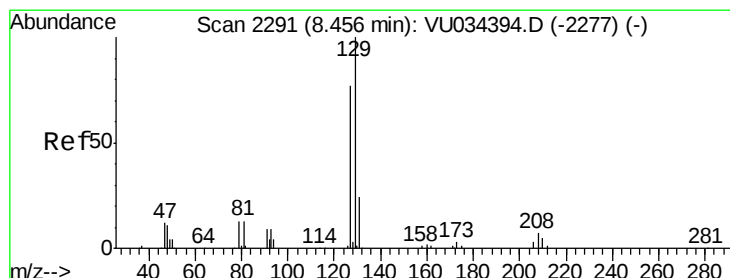
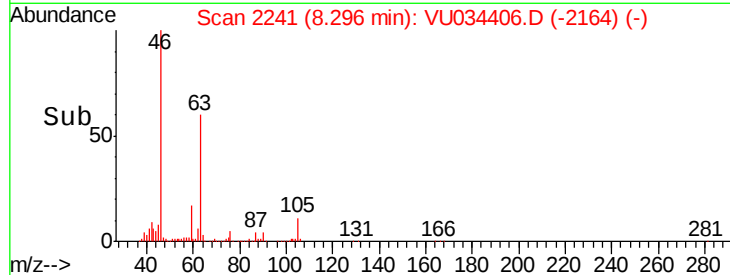
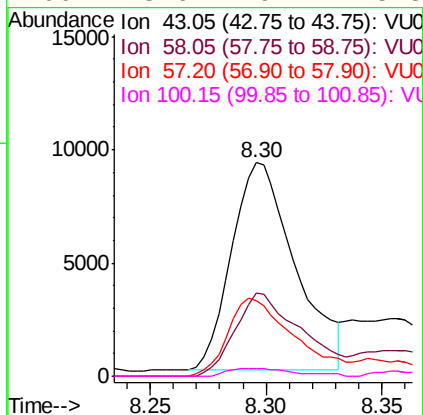
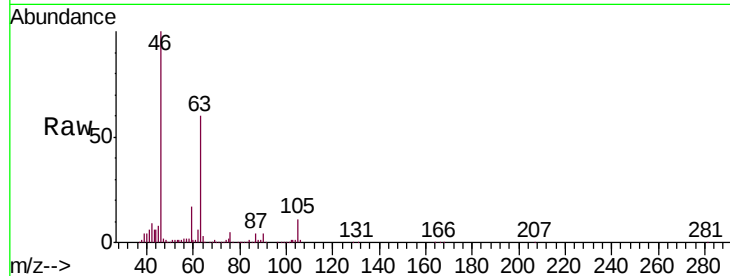




#48
2-Hexanone
Concen: 2.027 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
Lab File: VU034406.D
Acq: 08 Sep 2019 02:16

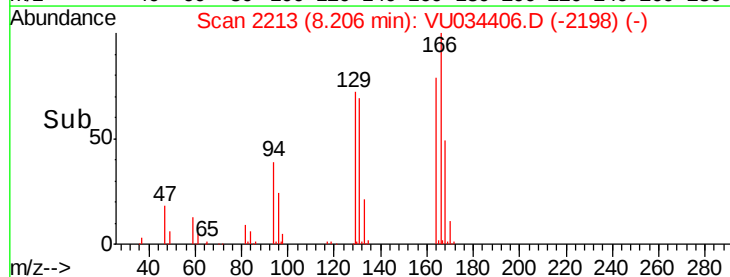
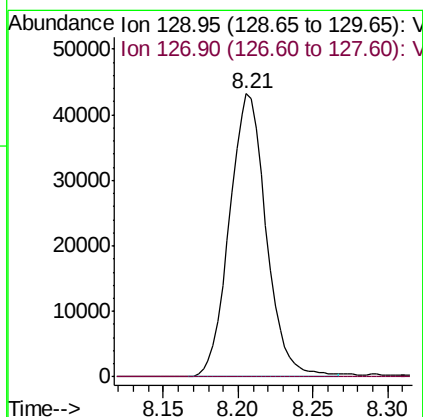
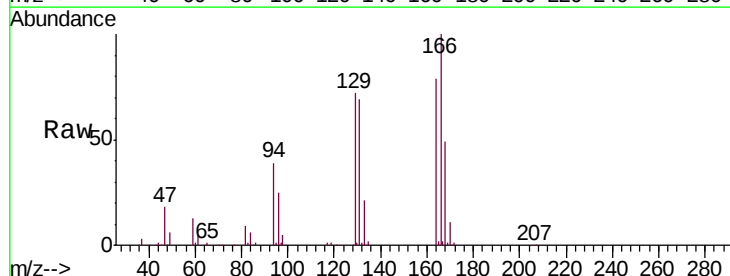
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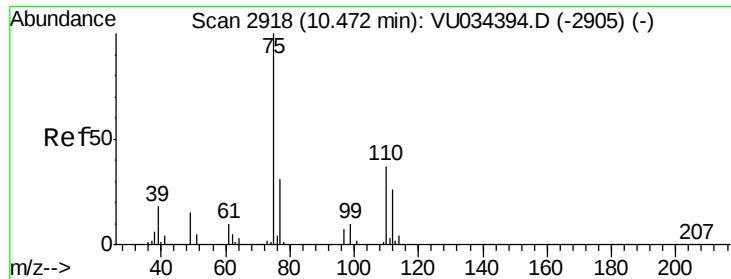
Tgt Ion:	43	Resp:	17516
Ion	Ratio	Lower	Upper
43	100		
58	42.2	44.9	67.3#
57	39.5	15.0	22.6#
100	3.6	9.2	13.8#



#49
Dibromochloromethane
Concen: 4.352 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU034406.D
Acq: 08 Sep 2019 02:16

Tgt Ion:	129	Resp:	74066
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.2	100.6#





#59

1,2,3-Trichloropropane

Concen: 1.081 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034406.D

Acq: 08 Sep 2019 02:16

Instrument :

MSVOA_U

ClientSampleId :

BFD92

Tgt Ion: 75 Resp: 13845

Ion Ratio Lower Upper

75 100

77 36.3 26.0 39.0

