

Data File : VU034970.D
Acq On : 07 Oct 2019 19:26
Operator : JC/SP
Sample : K5219-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-8-001-01

Quant Time: Oct 09 04:03:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 03:56:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	186212	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	185807	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	80435	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	50275	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.67	69	48596	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.26	63	74213	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.18	46	176621	54.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.98%
24) Chloroform-d	4.62	84	80729	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	5.29	65	60638	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.32	84	212490	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.31	67	72973	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.54	98	189595	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.84	79	21934	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.30	63	136053	54.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.14%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	62837	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	71629	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

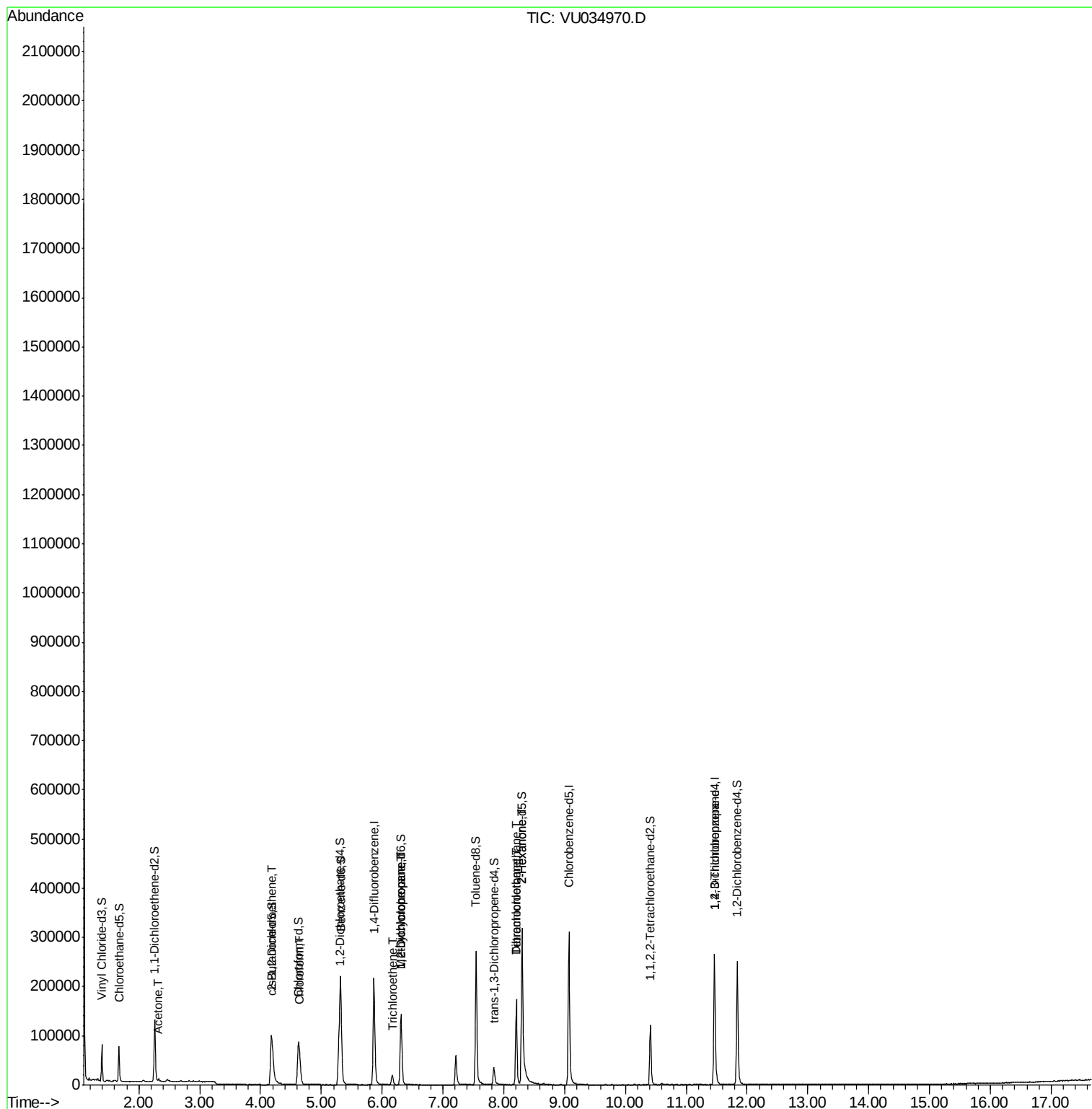
					Qvalue
13) Acetone	2.32	43	6512	2.453	ug/L 96
22) cis-1,2-Dichloroethene	4.20	96	9653	0.676	ug/L 99
25) Chloroform	4.65	83	28806	1.007	ug/L 95
34) Trichloroethene	6.17	95	7396	0.512	ug/L 95
35) Methylcyclohexane	6.31	83	15709	0.672	ug/L # 18
37) 1,2-Dichloropropane	6.31	63	8183	0.542	ug/L # 89
47) Tetrachloroethene	8.21	164	39097	3.346	ug/L 96
48) 2-Hexanone	8.30	43	15440	2.370	ug/L # 71
49) Dibromochloromethane	8.21	129	37654	3.250	ug/L # 13
59) 1,2,3-Trichloropropane	11.46	75	9740	0.997	ug/L 90

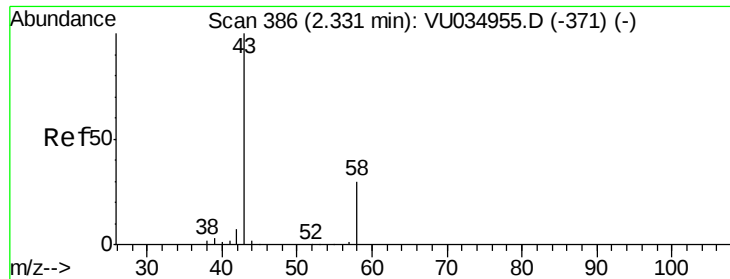
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.453 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU034970.D

Acq: 07 Oct 2019 19:26

Instrument :

MSVOA_U

ClientSampleId :

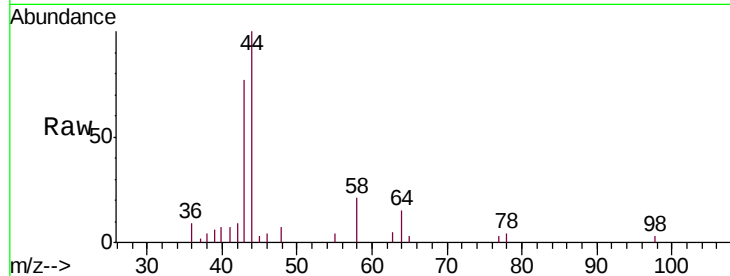
MW-8-001-01

Tgt Ion: 43 Resp: 6512

Ion Ratio Lower Upper

43 100

58 28.3 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU034970.D (-293) (-)

Ion 58.05 (57.75 to 58.75): VU034970.D (-293) (-)

2.32

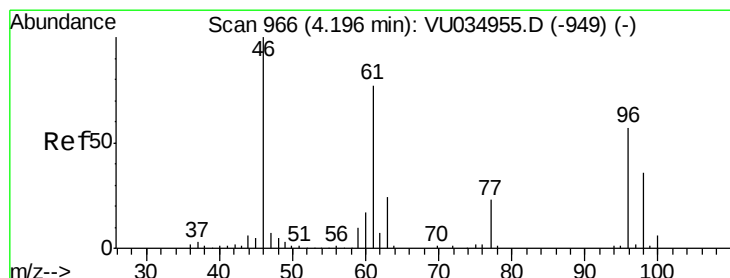
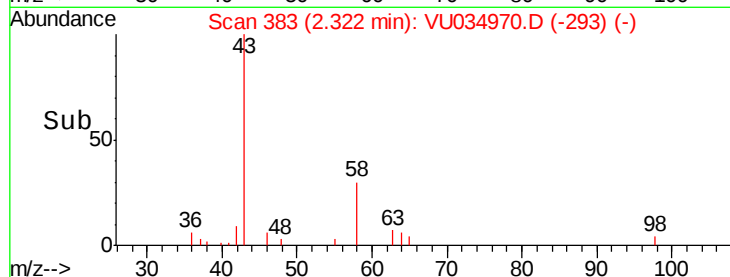
3000

2000

1000

0

Time--> 2.25 2.30 2.35 2.40



#22

cis-1,2-Dichloroethene

Concen: 0.676 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU034970.D

Acq: 07 Oct 2019 19:26

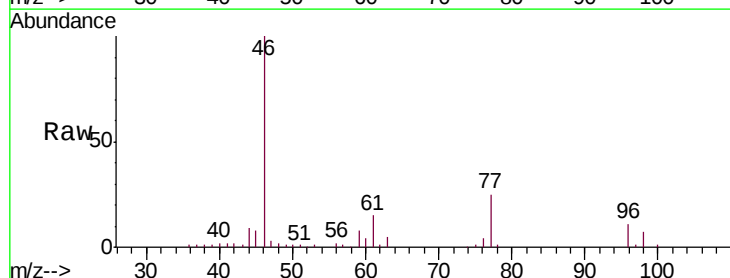
Tgt Ion: 96 Resp: 9653

Ion Ratio Lower Upper

96 100

61 139.1 96.4 179.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU034970.D (-873) (-)

Ion 61.05 (60.75 to 61.75): VU034970.D (-873) (-)

Ion 68.15 (67.85 to 68.85): VU034970.D (-873) (-)

4.20

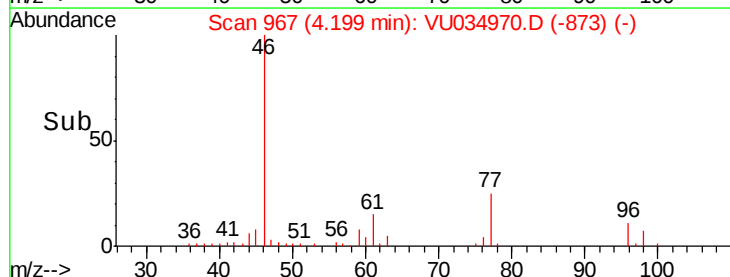
6000

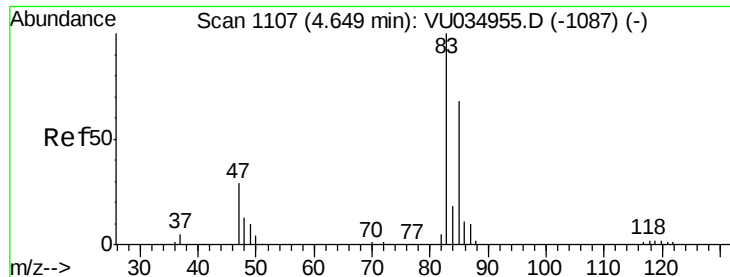
4000

2000

0

Time--> 4.10 4.15 4.20 4.25 4.30

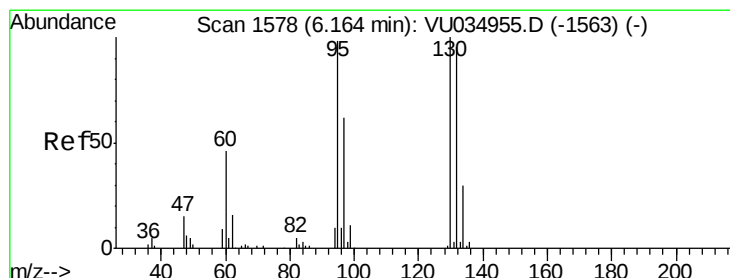
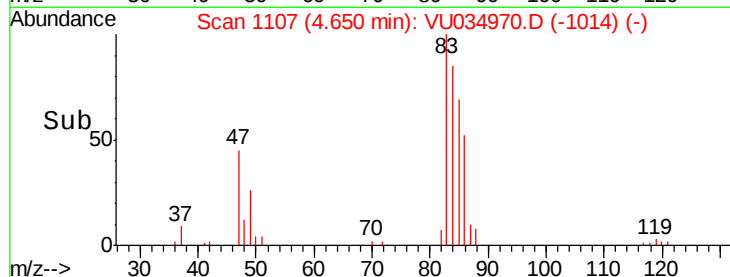
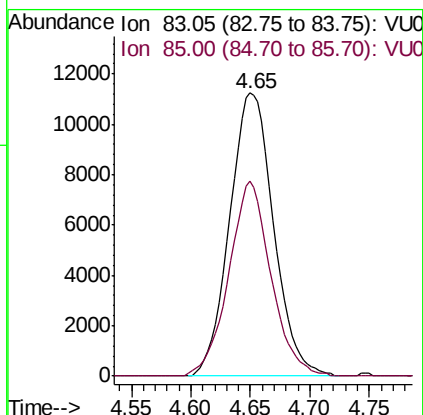
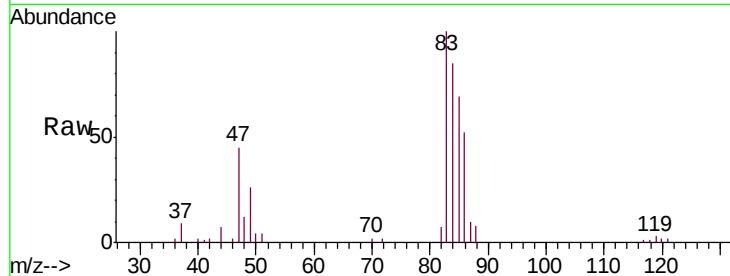




#25
Chloroform
Concen: 1.007 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034970.D
Acq: 07 Oct 2019 19:26

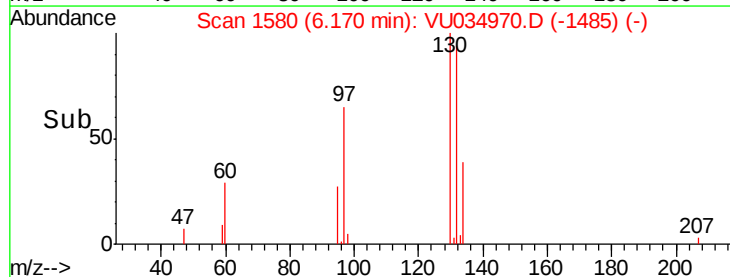
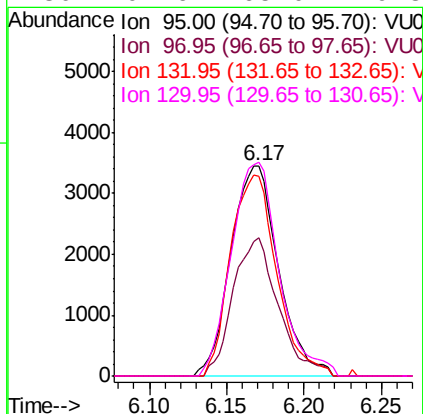
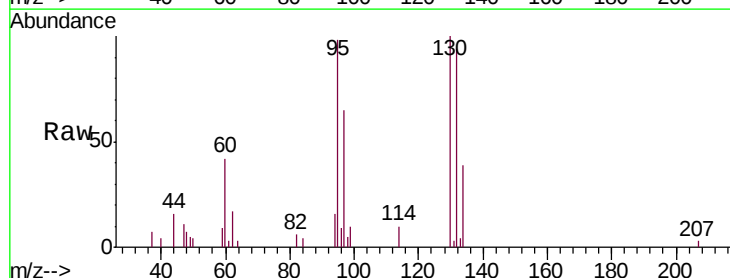
Instrument :
MSVOA_U
ClientSampleId :
MW-8-001-01

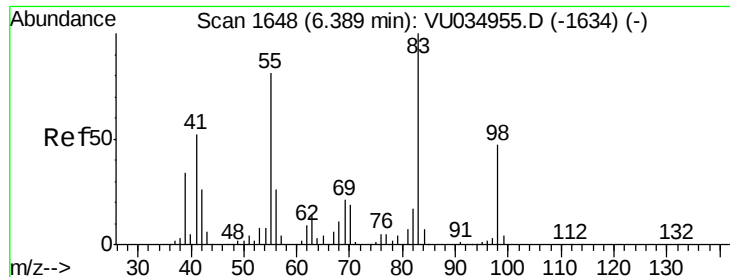
Tgt Ion: 83 Resp: 28806
Ion Ratio Lower Upper
83 100
85 69.0 45.4 84.4



#34
Trichloroethene
Concen: 0.512 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VU034970.D
Acq: 07 Oct 2019 19:26

Tgt Ion: 95 Resp: 7396
Ion Ratio Lower Upper
95 100
97 65.6 42.5 78.9
132 95.3 65.8 122.2
130 101.6 65.0 120.8

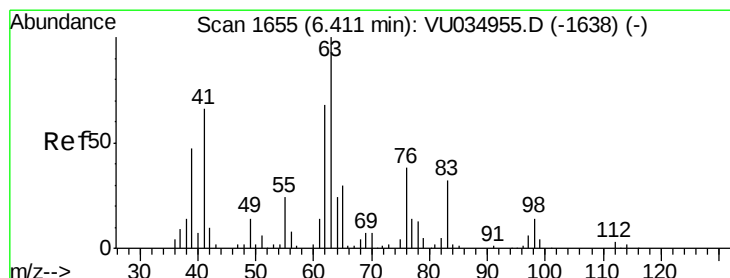
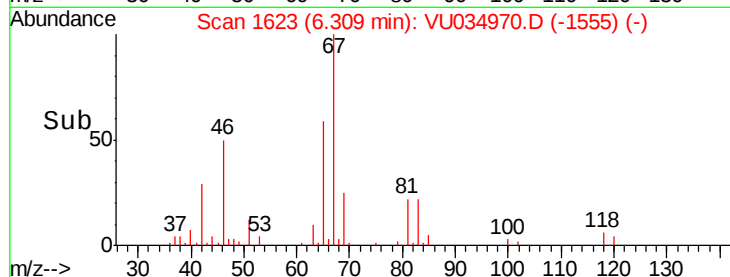
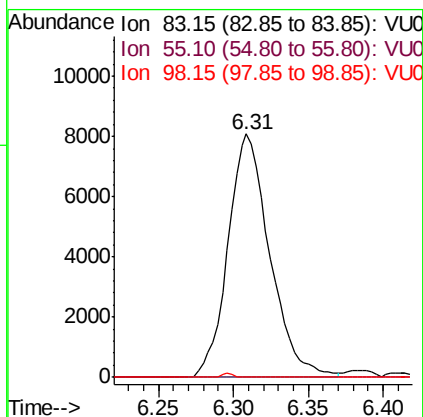
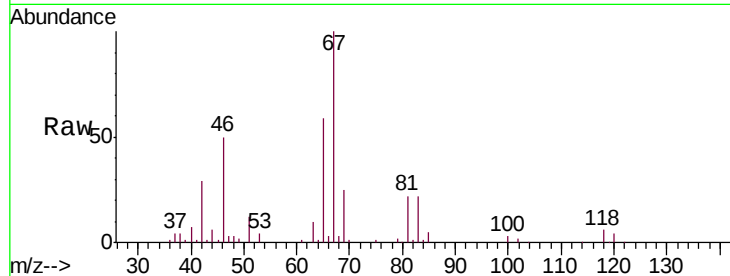




#35
Methylcyclohexane
Concen: 0.672 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034970.D
Acq: 07 Oct 2019 19:26

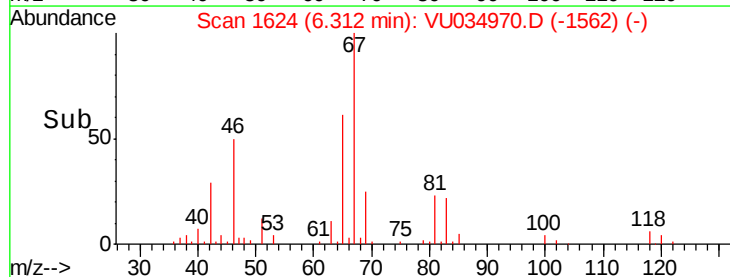
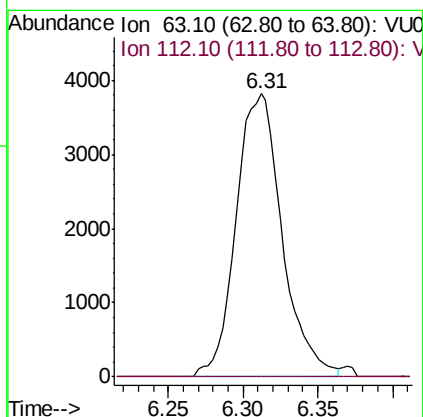
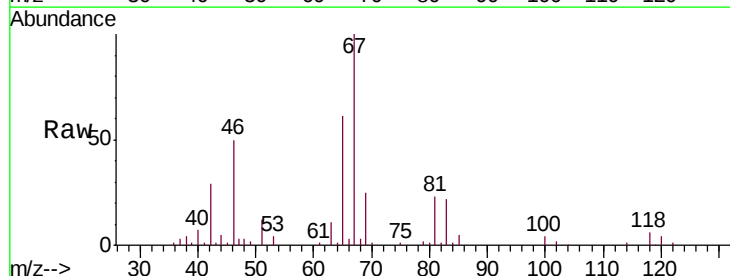
Instrument :
MSVOA_U
ClientSampleId :
MW-8-001-01

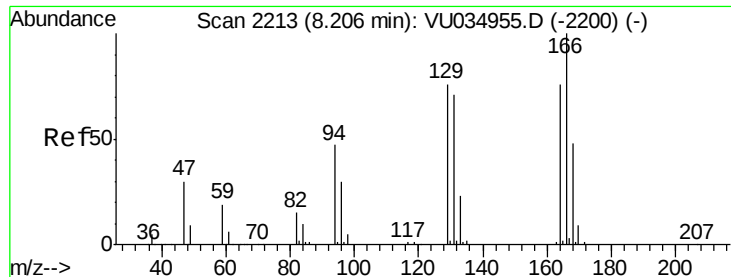
Tgt Ion: 83 Resp: 15709
Ion Ratio Lower Upper
83 100
55 0.0 62.4 93.6#
98 0.4 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU034970.D
Acq: 07 Oct 2019 19:26

Tgt Ion: 63 Resp: 8183
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#

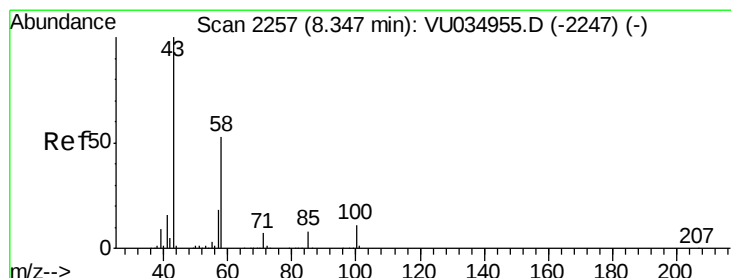
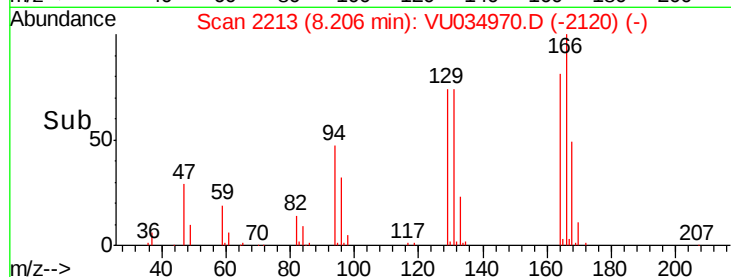
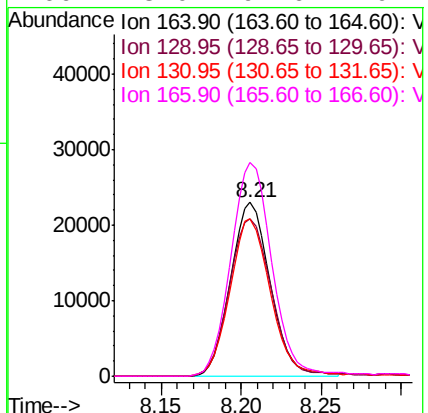
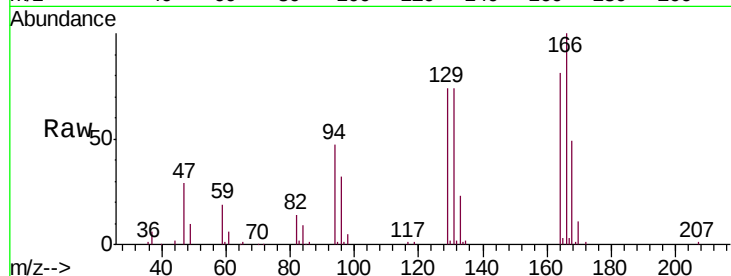




#47
Tetrachloroethene
Concen: 3.346 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU034970.D
Acq: 07 Oct 2019 19:26

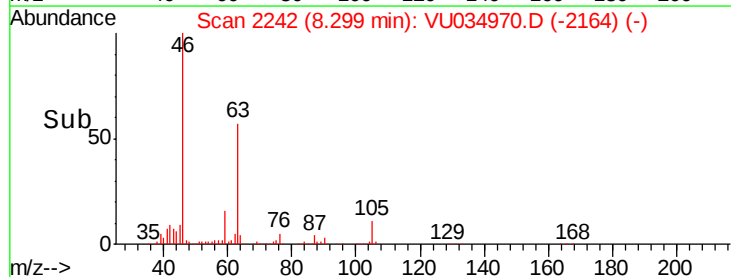
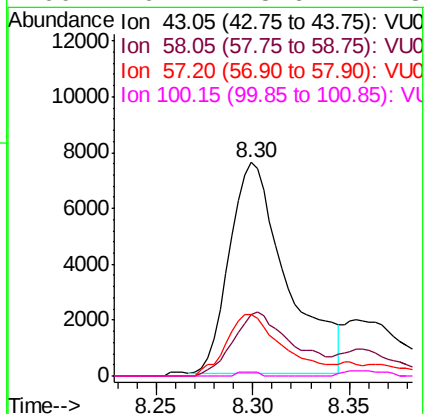
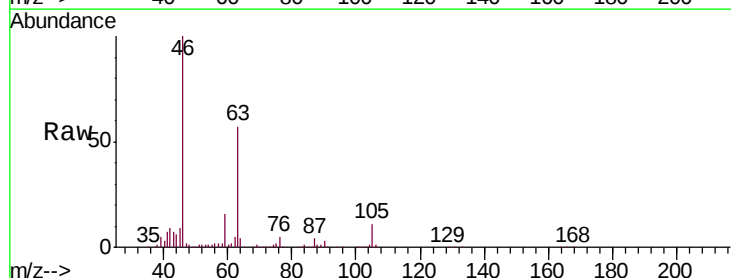
Instrument :
MSVOA_U
ClientSampleId :
MW-8-001-01

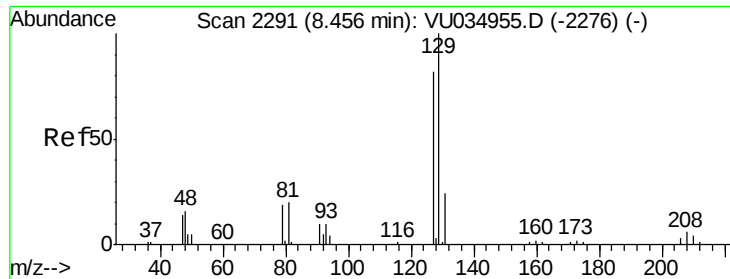
Tgt Ion:	164	Resp:	39097
Ion	Ratio	Lower	Upper
164	100		
129	91.0	66.5	123.5
131	91.0	63.3	117.7
166	123.0	91.6	170.2



#48
2-Hexanone
Concen: 2.370 ug/L
RT: 8.30 min Scan# 2242
Delta R.T. -0.05 min
Lab File: VU034970.D
Acq: 07 Oct 2019 19:26

Tgt Ion:	43	Resp:	15440
Ion	Ratio	Lower	Upper
43	100		
58	32.0	43.3	64.9#
57	29.2	14.5	21.7#
100	0.7	8.6	12.8#





#49

Dibromochloromethane

Concen: 3.250 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.25 min

Lab File: VU034970.D

Acq: 07 Oct 2019 19:26

Instrument :

MSVOA_U

ClientSampleId :

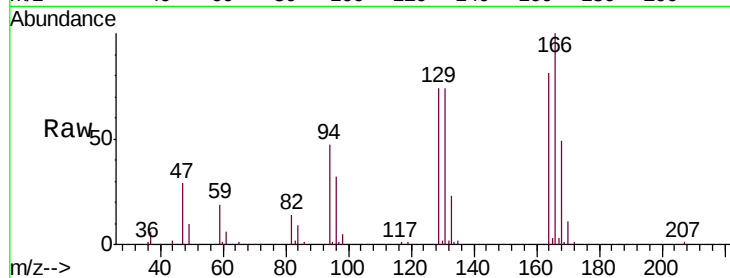
MW-8-001-01

Tgt Ion:129 Resp: 37654

Ion Ratio Lower Upper

129 100

127 0.0 51.2 95.0#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.21

20000

15000

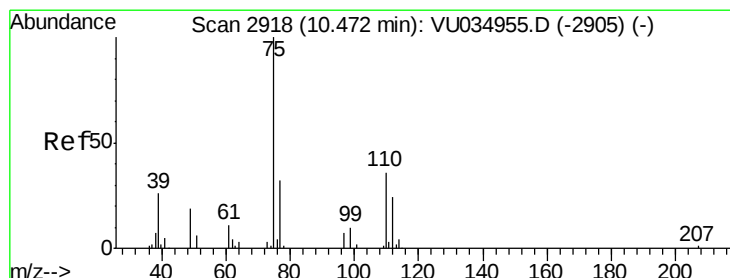
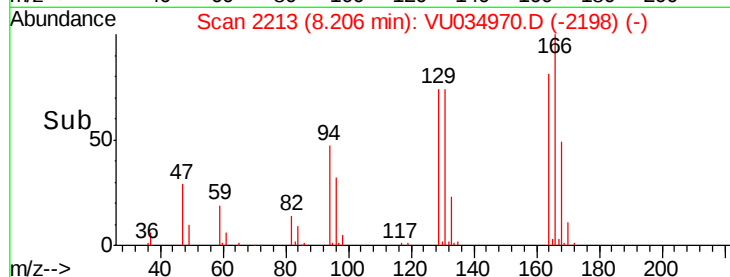
10000

5000

0

8.15 8.20 8.25 8.30

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.997 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034970.D

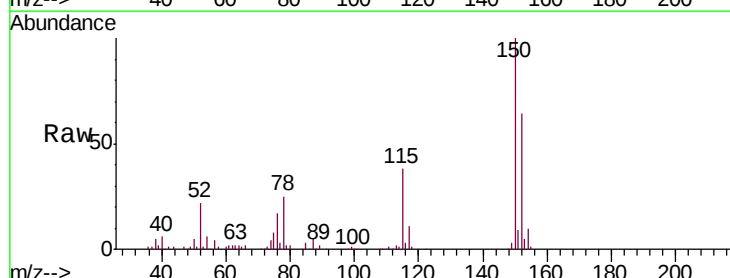
Acq: 07 Oct 2019 19:26

Tgt Ion: 75 Resp: 9740

Ion Ratio Lower Upper

75 100

77 37.7 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.46

6000

5000

4000

3000

2000

1000

0

11.40 11.45 11.50 11.55

Time-->

