

Data File : VU035228.D
Acq On : 17 Oct 2019 22:15
Operator : JC/SP
Sample : K5318-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CH2

Quant Time: Oct 18 03:53:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 03:45:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	353210	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	339796	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	143462	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	112737	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.93	69	102916	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.59	63	160739	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	4.72	46	312422	50.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.96%
24) Chloroform-d	5.11	84	204605	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.75	65	119437	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.77	84	426194	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.74	67	135182	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.93	98	401107	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
43) trans-1,3-Dichloropropene-	8.22	79	60665	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.69	63	273349	51.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.54%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	112197	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	138428	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

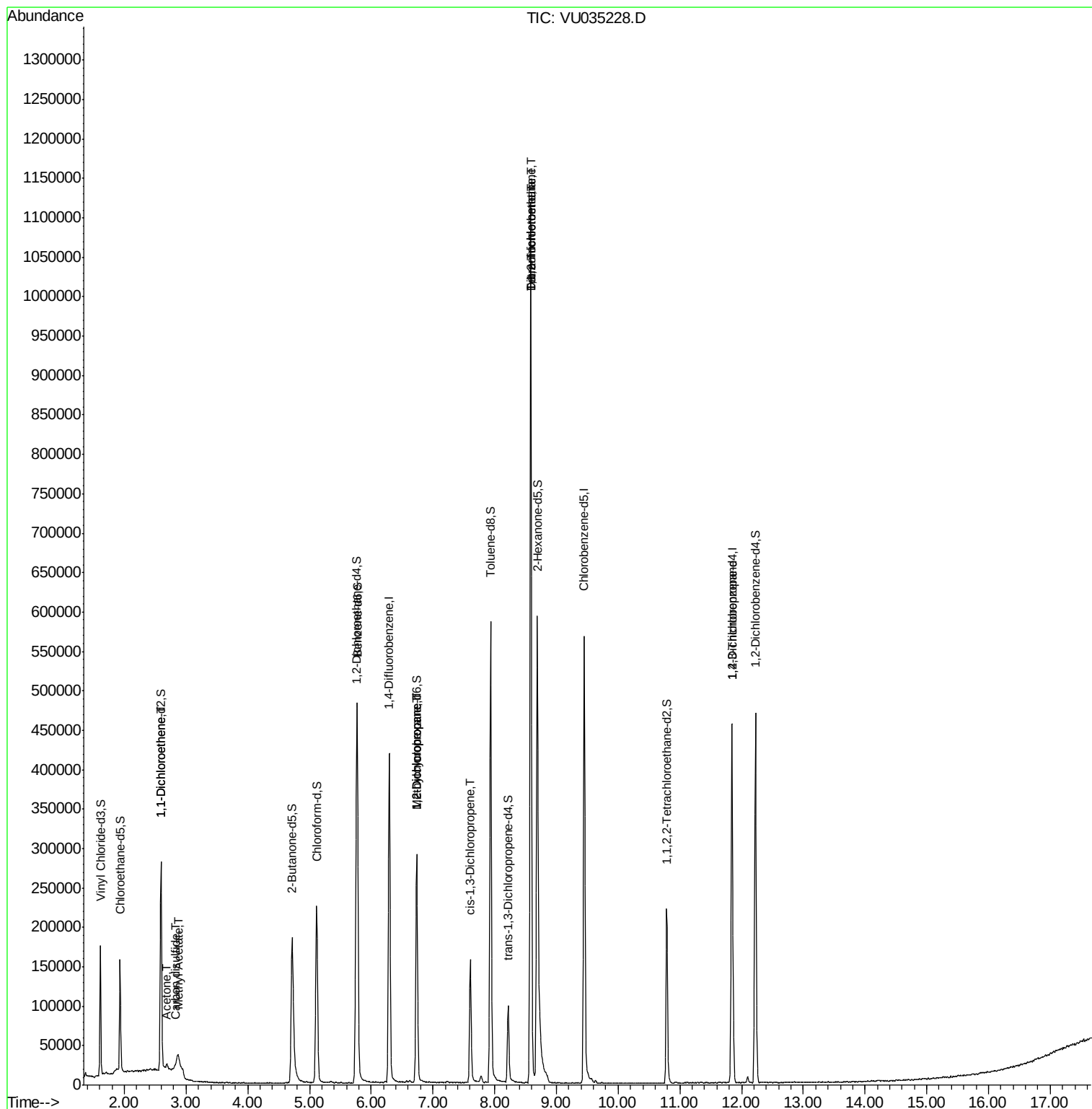
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1632	0.072 ug/L #	1
13) Acetone	2.69	43	10561	2.453 ug/L	97
14) Carbon disulfide	2.82	76	6445	0.090 ug/L #	75
15) Methyl Acetate	2.86	43	7765	0.724 ug/L #	51
35) Methylcyclohexane	6.74	83	32473	0.723 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	14647	0.577 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	4008	0.094 ug/L #	33
45) 1,1,2-Trichloroethane	8.58	97	1977	0.105 ug/L #	3
47) Tetrachloroethene	8.58	164	258210	11.531 ug/L	97
49) Dibromochloromethane	8.58	129	229473	9.606 ug/L #	11
59) 1,2,3-Trichloropropane	11.84	75	17292	0.978 ug/L #	88

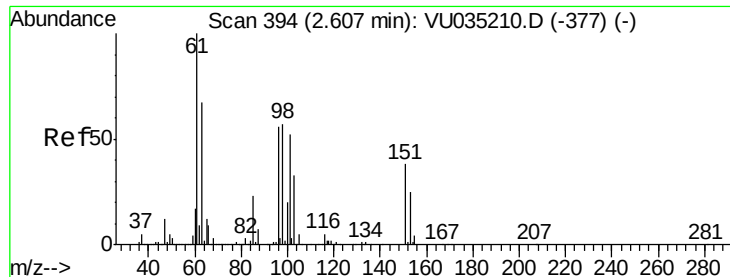
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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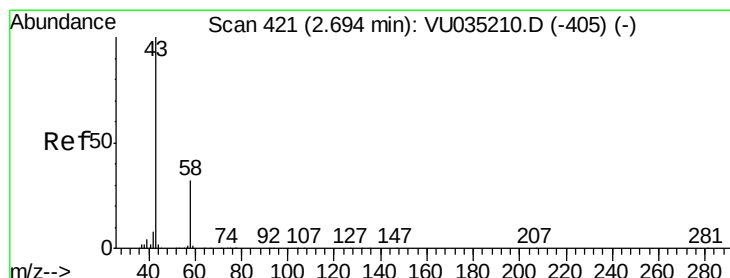
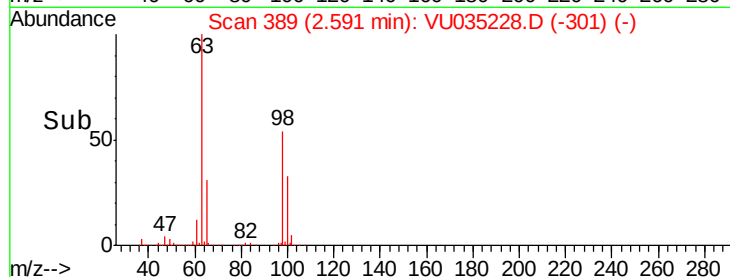
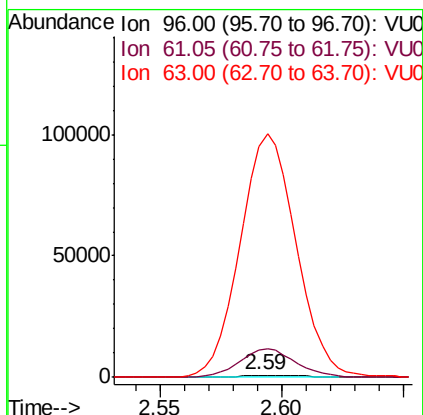
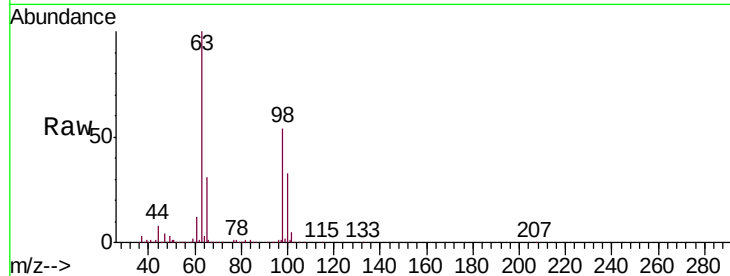




#12
 1,1-Dichloroethene
 Concen: 0.072 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.02 min
 Lab File: VU035228.D
 Acq: 17 Oct 2019 22:15

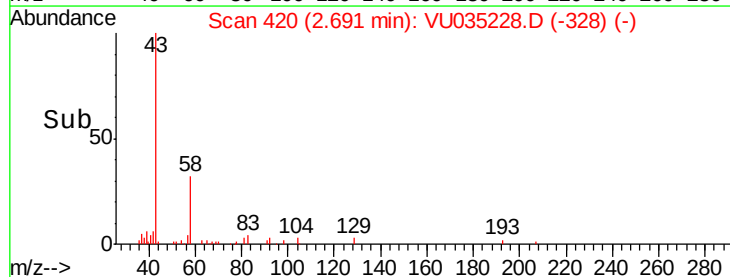
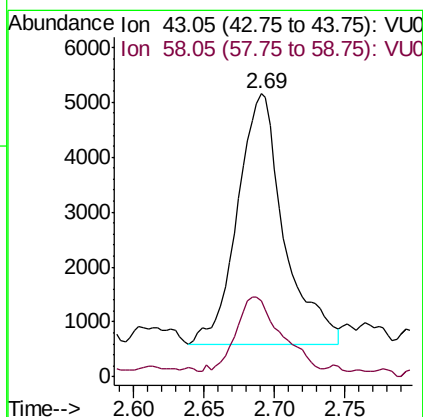
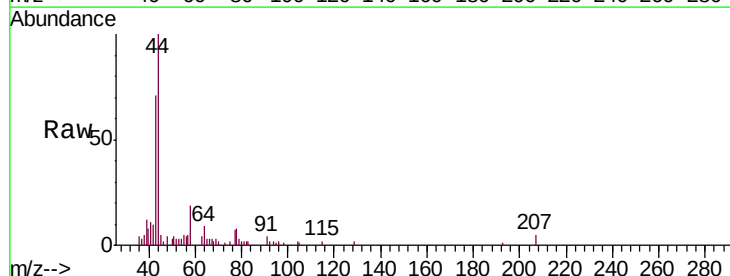
Instrument :
 MSVOA_U
 ClientSampled :
 C0CH2

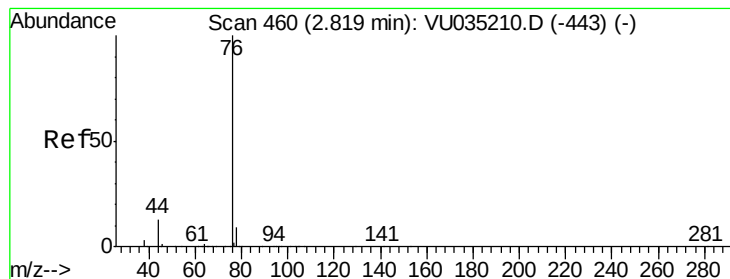
Tgt Ion: 96 Resp: 1632
 Ion Ratio Lower Upper
 96 100
 61 1190.0 120.6 224.0#
 63 10007.6 86.8 161.2#



#13
 Acetone
 Concen: 2.453 ug/L
 RT: 2.69 min Scan# 420
 Delta R.T. -0.00 min
 Lab File: VU035228.D
 Acq: 17 Oct 2019 22:15

Tgt Ion: 43 Resp: 10561
 Ion Ratio Lower Upper
 43 100
 58 29.1 0.0 61.8





#14

Carbon disulfide

Concen: 0.090 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU035228.D

Acq: 17 Oct 2019 22:15

Instrument :

MSVOA_U

ClientSampleId :

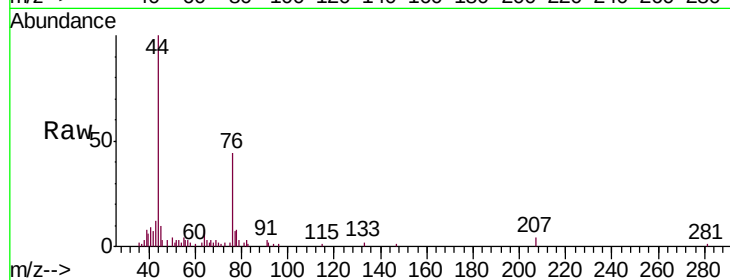
C0CH2

Tgt Ion: 76 Resp: 6445

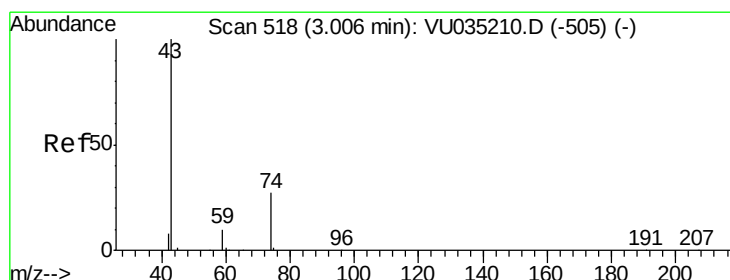
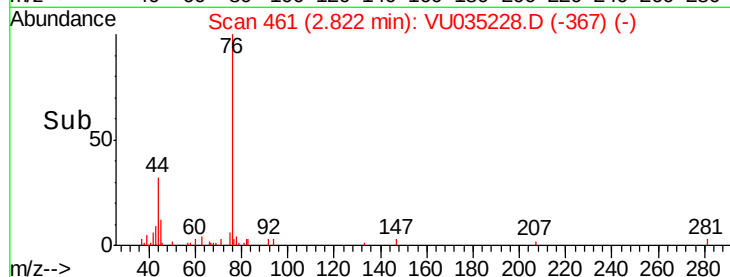
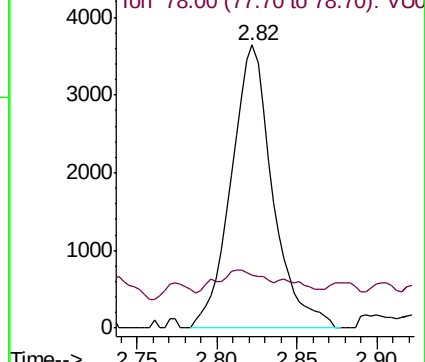
Ion Ratio Lower Upper

76 100

78 18.6 7.6 11.4#



Abundance Ion 76.05 (75.75 to 76.75): VU035228.D (-367) (-)



#15

Methyl Acetate

Concen: 0.724 ug/L

RT: 2.86 min Scan# 473

Delta R.T. -0.14 min

Lab File: VU035228.D

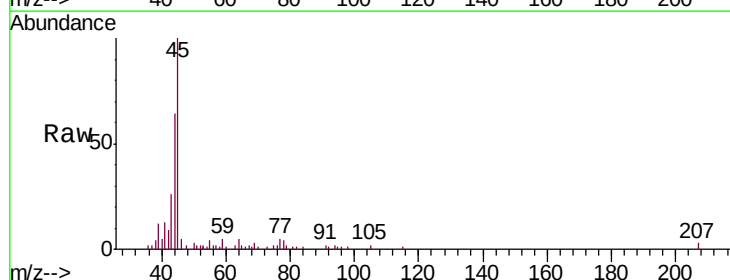
Acq: 17 Oct 2019 22:15

Tgt Ion: 43 Resp: 7765

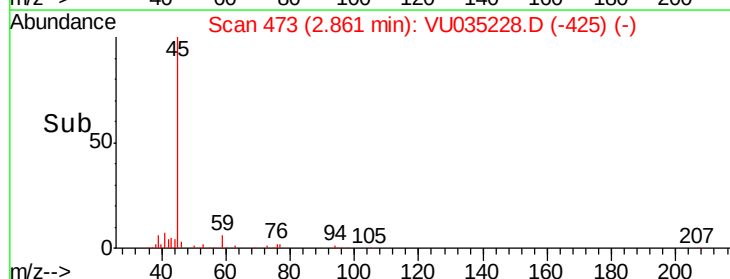
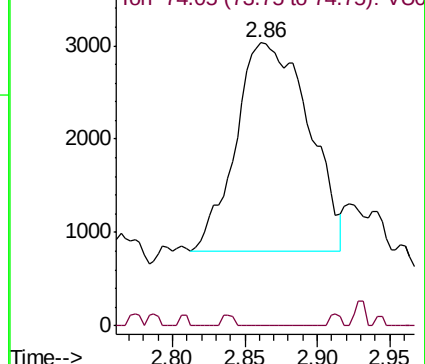
Ion Ratio Lower Upper

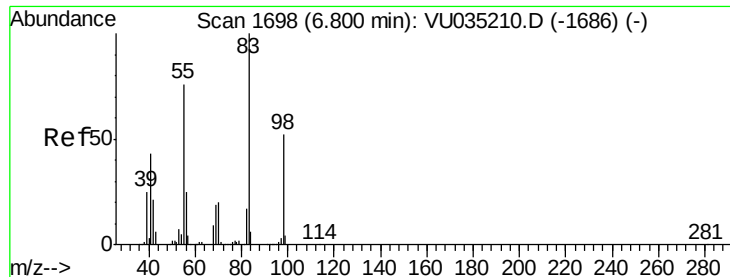
43 100

74 0.8 20.3 30.5#



Abundance Ion 43.05 (42.75 to 43.75): VU035228.D (-425) (-)





#35

Methylcyclohexane

Concen: 0.723 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035228.D

Acq: 17 Oct 2019 22:15

Instrument :

MSVOA_U

ClientSampleId :

C0CH2

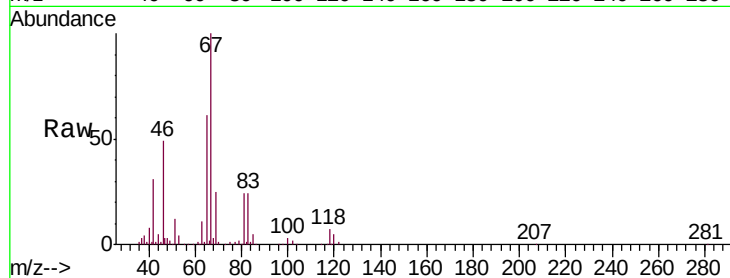
Tgt Ion: 83 Resp: 32473

Ion Ratio Lower Upper

83 100

55 0.1 60.4 90.6#

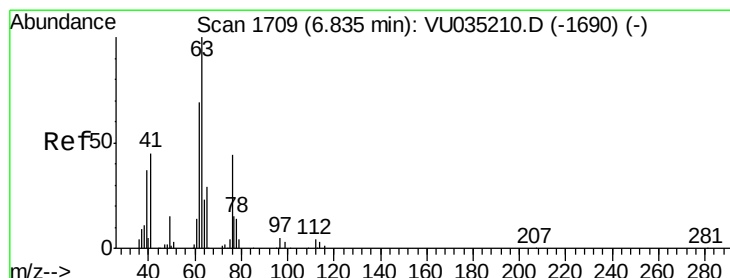
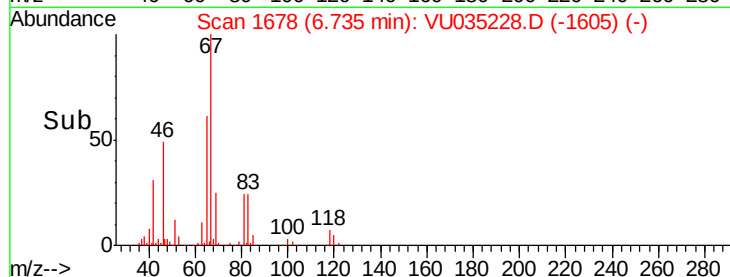
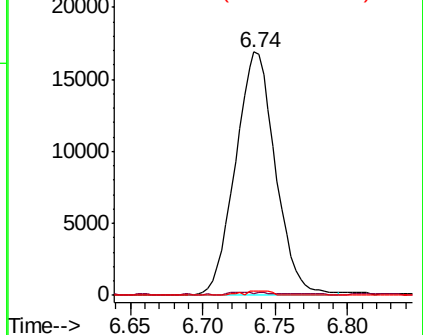
98 1.2 39.5 59.3#



Abundance Ion 83.15 (82.85 to 83.85): VU035228.D (-1678) (-)

Ion 55.10 (54.80 to 55.80): VU035228.D (-1678) (-)

Ion 98.15 (97.85 to 98.85): VU035228.D (-1678) (-)



#37

1,2-Dichloropropane

Concen: 0.577 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035228.D

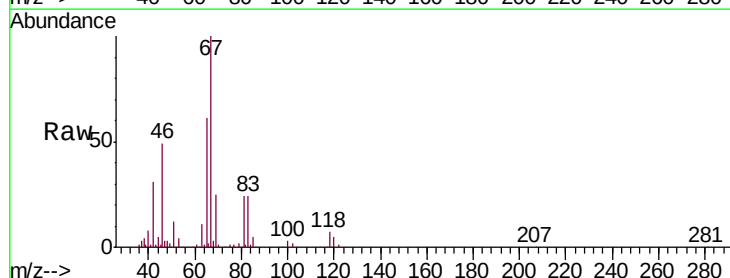
Acq: 17 Oct 2019 22:15

Tgt Ion: 63 Resp: 14647

Ion Ratio Lower Upper

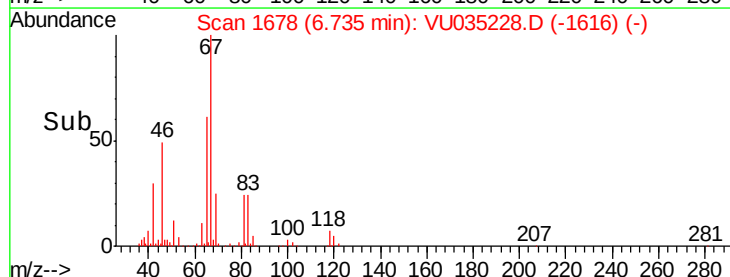
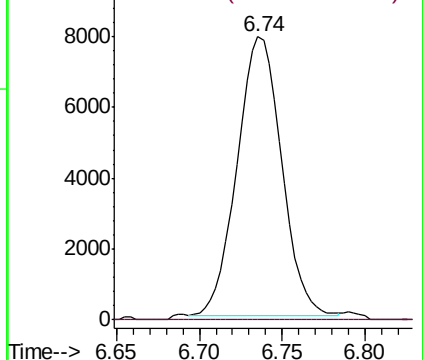
63 100

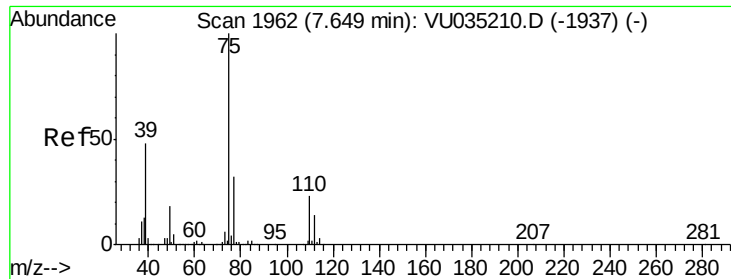
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU035228.D (-1678) (-)

Ion 112.10 (111.80 to 112.80): VU035228.D (-1678) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035228.D

Acq: 17 Oct 2019 22:15

Instrument :

MSVOA_U

ClientSampleId :

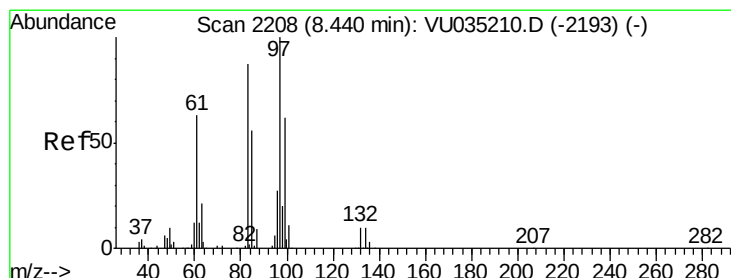
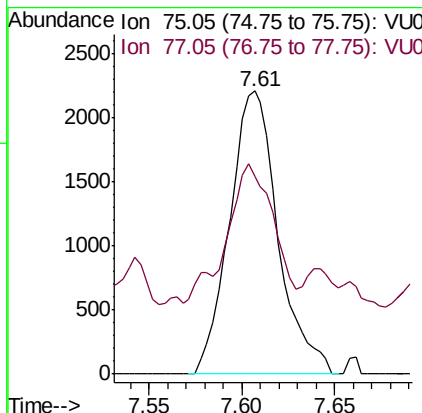
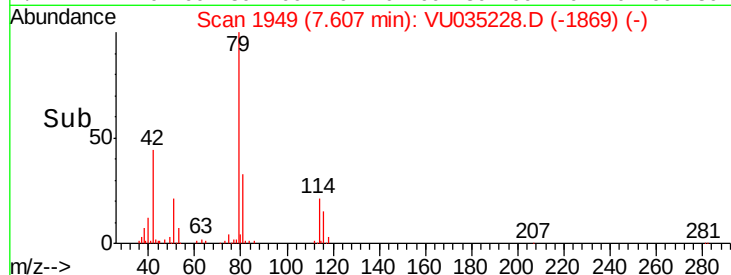
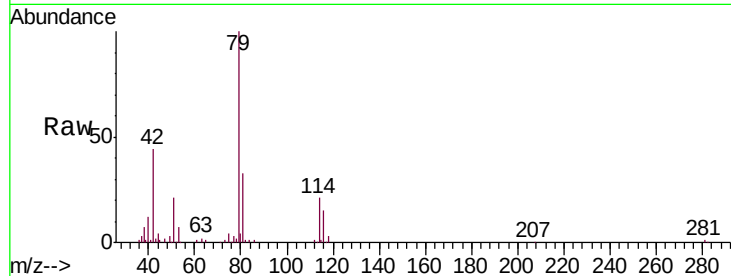
C0CH2

Tgt Ion: 75 Resp: 4008

Ion Ratio Lower Upper

75 100

77 69.9 22.7 42.1#



#45

1,1,2-Trichloroethane

Concen: 0.105 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.14 min

Lab File: VU035228.D

Acq: 17 Oct 2019 22:15

Tgt Ion: 97 Resp: 1977

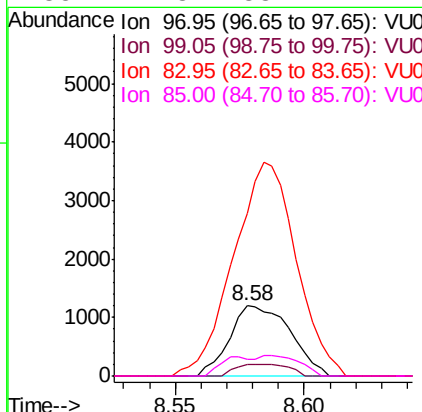
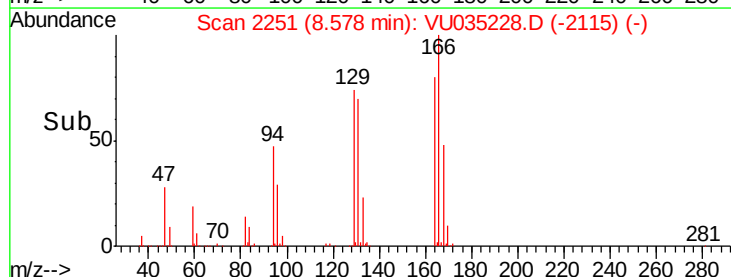
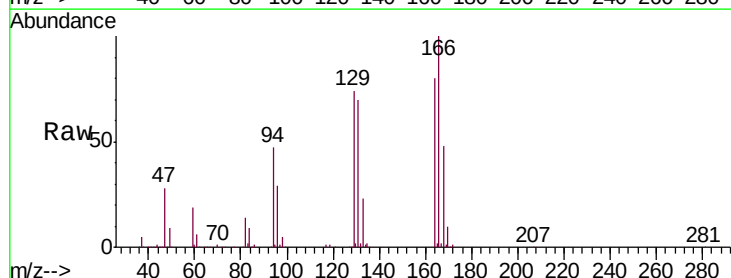
Ion Ratio Lower Upper

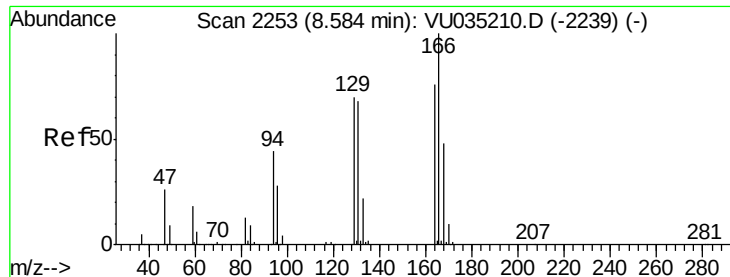
97 100

99 16.1 42.9 79.7#

83 230.6 60.4 112.2#

85 22.8 38.4 71.2#

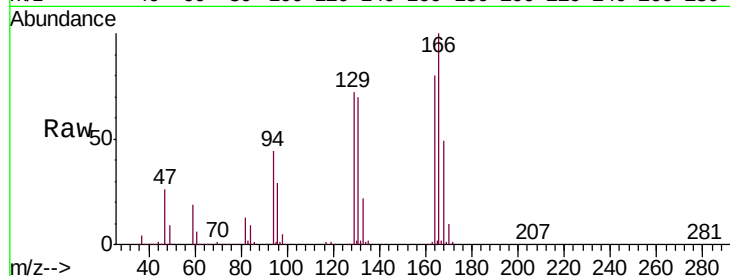




#47
Tetrachloroethene
Concen: 11.531 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035228.D
Acq: 17 Oct 2019 22:15

Instrument :
MSVOA_U
ClientSampleId :
C0CH2

Tgt Ion:	164	Resp:	258210
Ion	Ratio	Lower	Upper
164	100		
129	90.9	65.2	121.0
131	87.4	62.9	116.9
166	125.7	91.5	169.9



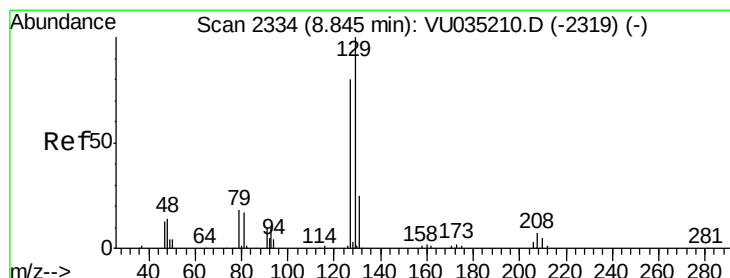
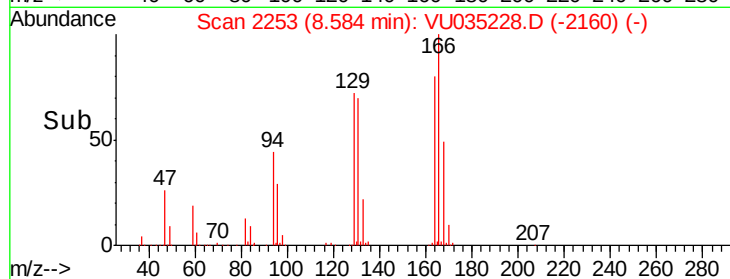
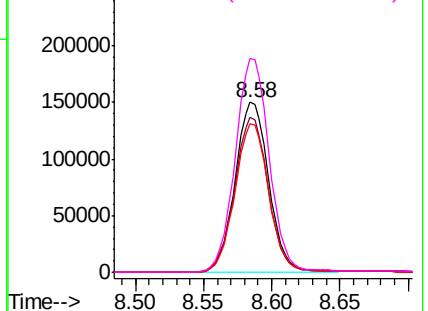
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

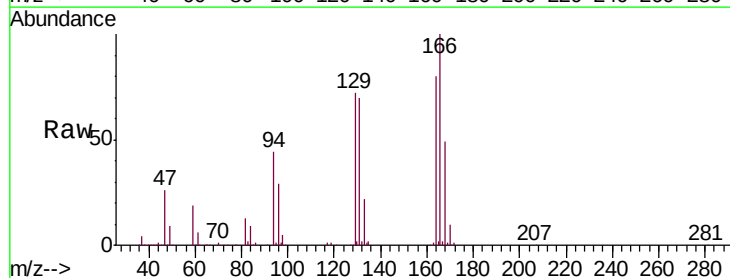
Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49
Dibromochloromethane
Concen: 9.606 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035228.D
Acq: 17 Oct 2019 22:15

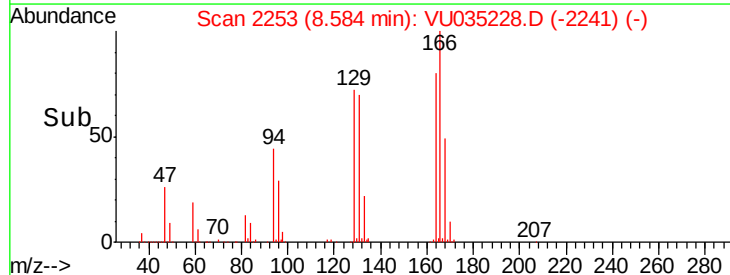
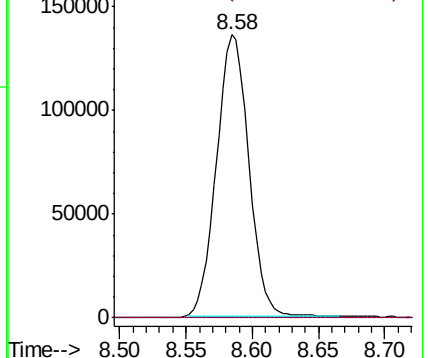
Tgt Ion:	129	Resp:	229473
Ion	Ratio	Lower	Upper
129	100		
127	0.1	53.8	99.8#

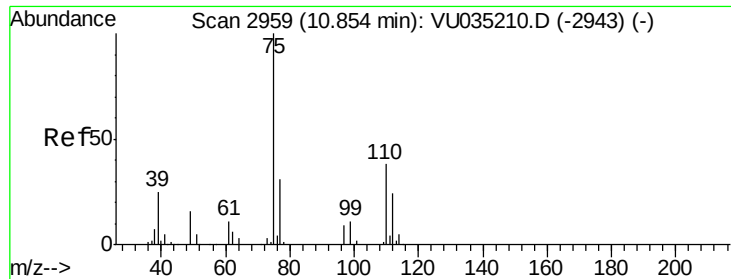


Abundance

Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.978 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035228.D

Acq: 17 Oct 2019 22:15

Instrument :

MSVOA_U

ClientSampleId :

C0CH2

Tgt Ion: 75 Resp: 17292

Ion Ratio Lower Upper

75 100

77 39.5 26.2 39.2#

