

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101719\
 Data File : VU035248.D
 Acq On : 18 Oct 2019 06:50
 Operator : JC/SP
 Sample : K5419-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 18 07:34:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 07:32:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	343815	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	337931	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	130132	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	108992	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.93	69	98163	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.60	63	152010	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.71	46	281798	46.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.56%
24) Chloroform-d	5.11	84	195044	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.75	65	113292	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.77	84	411038	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.74	67	131490	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.93	98	386305	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	8.22	79	55740	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.69	63	252138	48.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.02%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	108409	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.23	152	124759	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

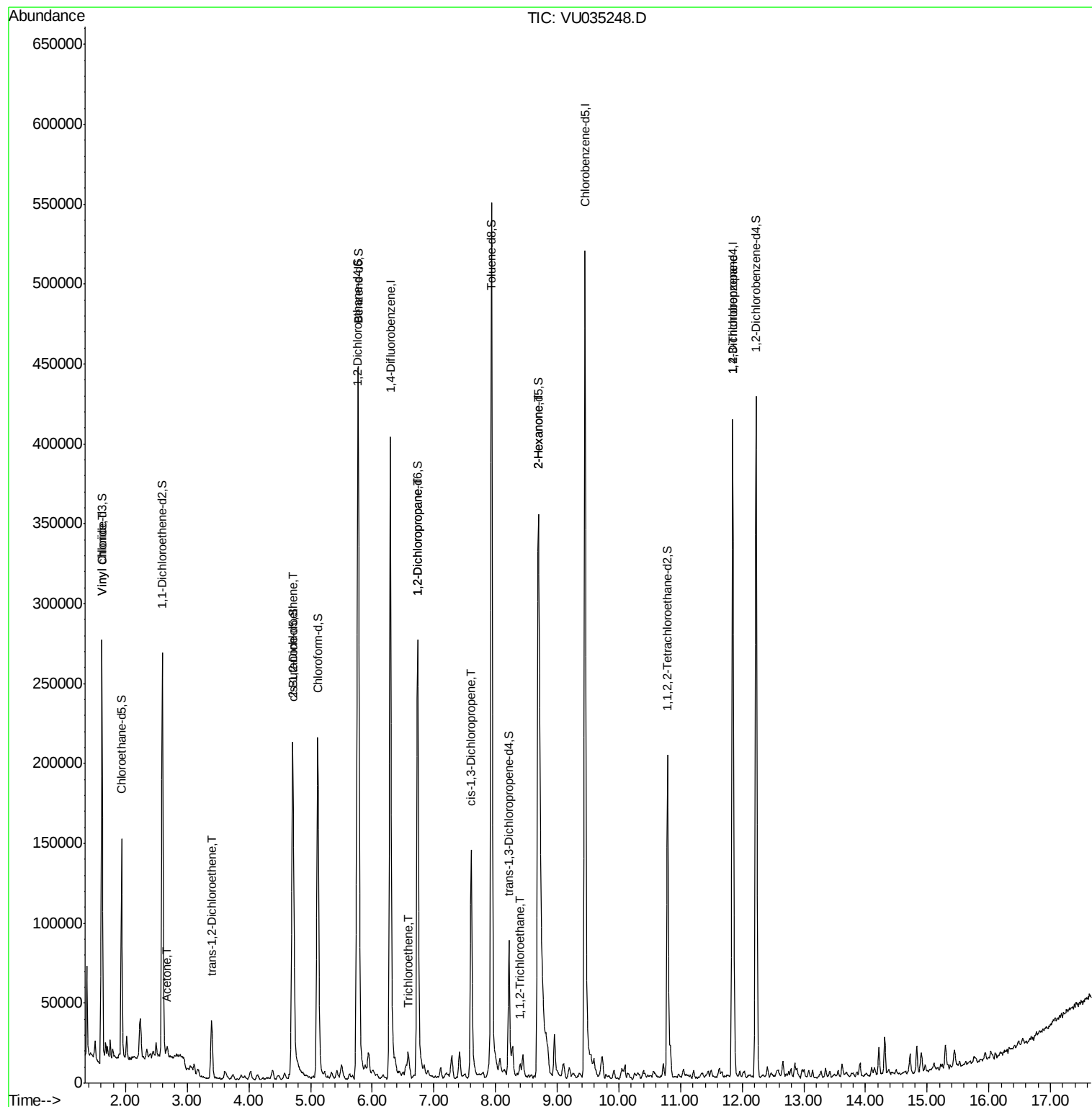
					Ovalue
5) Vinyl chloride	1.62	62	49876	1.673 ug/L	94
13) Acetone	2.67	43	6046	1.443 ug/L	96
18) trans-1,2-Dichloroethene	3.39	96	11496	0.482 ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	25683	0.975 ug/L	94
34) Trichloroethene	6.59	95	4105	0.154 ug/L	92
37) 1,2-Dichloropropane	6.74	63	14591	0.578 ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	3526	0.083 ug/L #	29
45) 1,1,2-Trichloroethane	8.40	97	3322	0.177 ug/L #	20
48) 2-Hexanone	8.69	43	21802	1.824 ug/L #	63
59) 1,2,3-Trichloropropane	11.84	75	15394	0.875 ug/L #	83

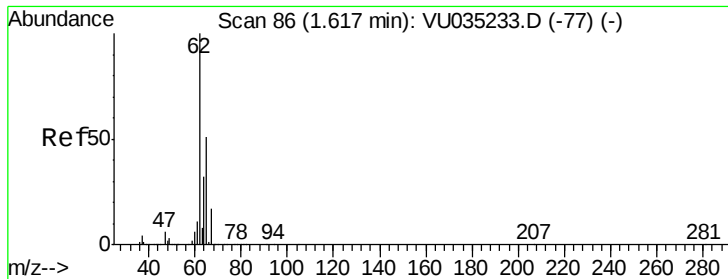
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 07:32:05 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.673 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VU035248.D

Acq: 18 Oct 2019 06:50

Instrument :

MSVOA_U

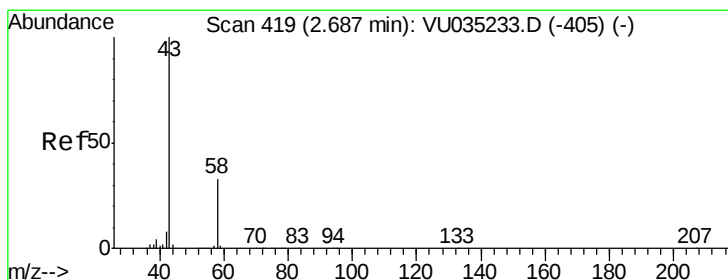
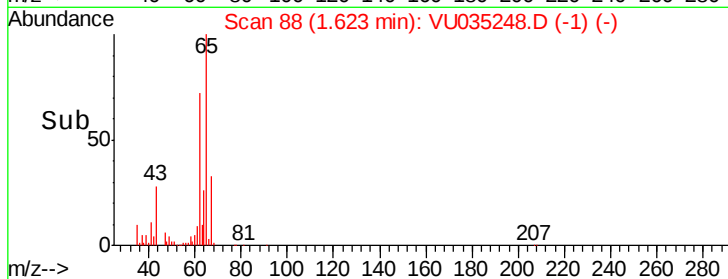
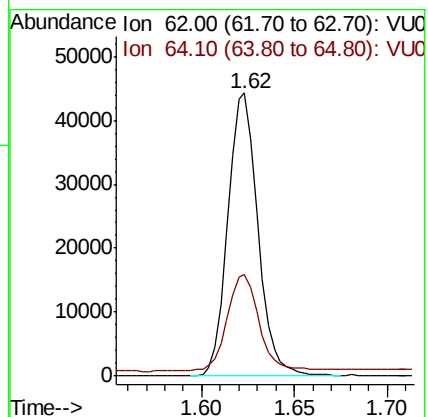
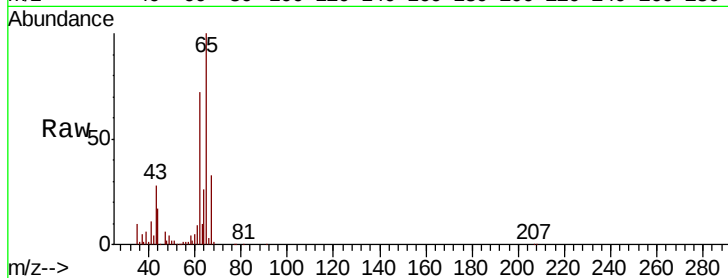
ClientSampleId :

Tot Ion: 62 Resp: 49876

Ion Ratio Lower Upper

62 100

64 36.0 22.9 42.5



#13

Acetone

Concen: 1.443 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU035248.D

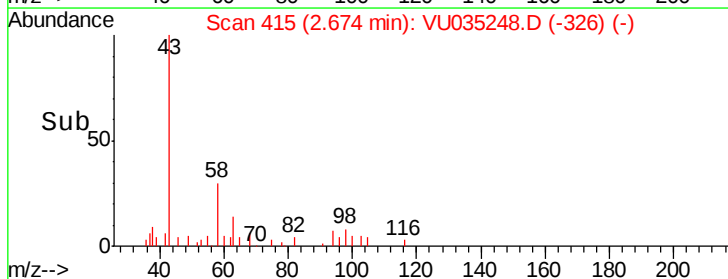
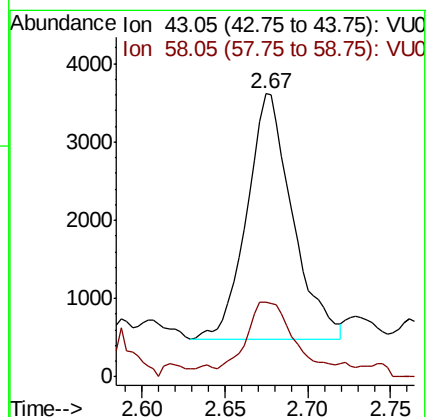
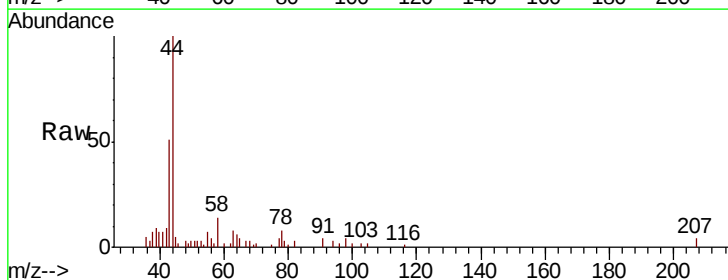
Acq: 18 Oct 2019 06:50

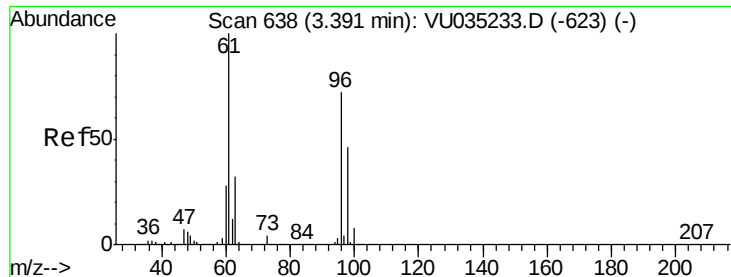
Tgt Ion: 43 Resp: 6046

Ion Ratio Lower Upper

43 100

58 33.0 0.0 61.8





#18

trans-1,2-Dichloroethene

Concen: 0.482 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: VU035248.D

Acq: 18 Oct 2019 06:50

Instrument :

MSVOA_U

ClientSampled :

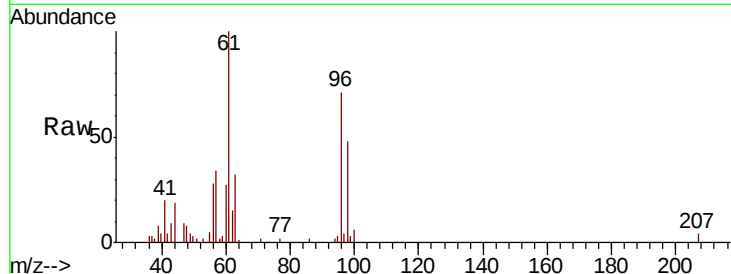
Tot Ion: 96 Resp: 11496

Ion Ratio Lower Upper

96 100

61 140.7 93.0 172.6

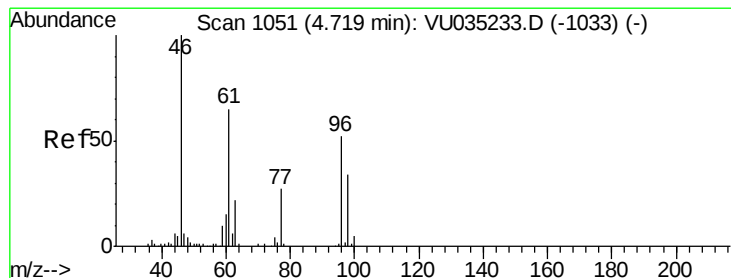
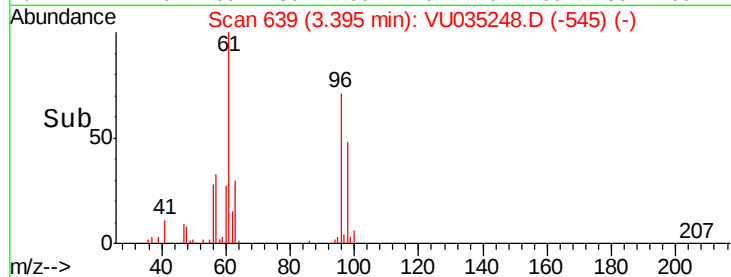
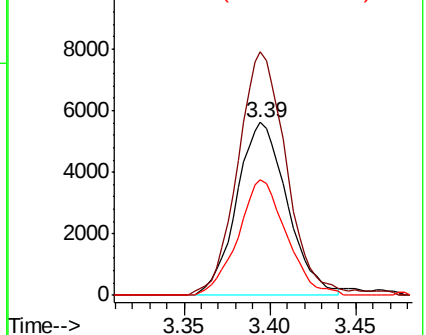
98 67.2 43.7 81.1



Abundance Ion 96.00 (95.70 to 96.70): VU035233.D (-623) (-)

Ion 61.05 (60.75 to 61.75): VU035233.D (-623) (-)

Ion 97.95 (97.65 to 98.65): VU035233.D (-623) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.975 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VU035248.D

Acq: 18 Oct 2019 06:50

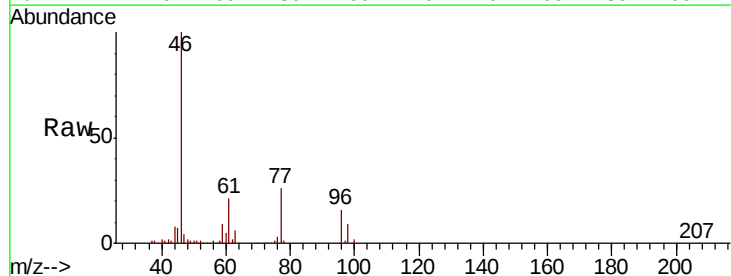
Tgt Ion: 96 Resp: 25683

Ion Ratio Lower Upper

96 100

61 134.8 89.7 166.5

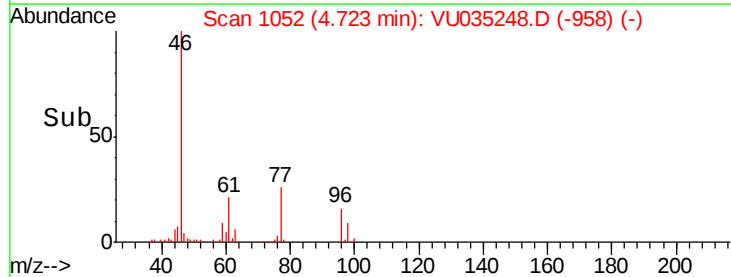
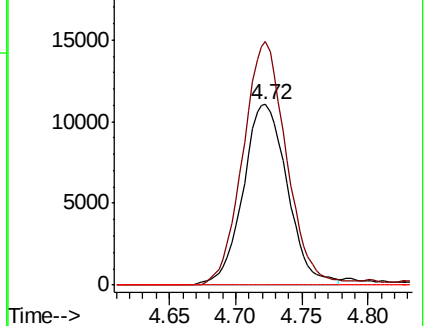
68 0.0 0.0 0.0

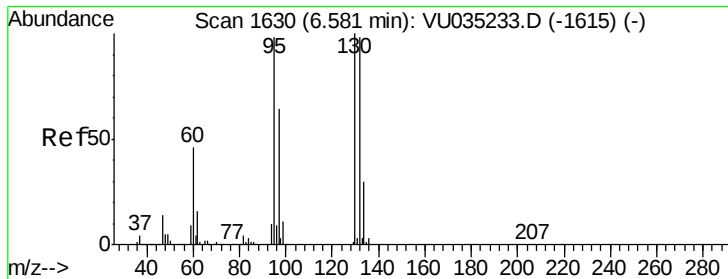


Abundance Ion 96.00 (95.70 to 96.70): VU035233.D (-1033) (-)

Ion 61.05 (60.75 to 61.75): VU035233.D (-1033) (-)

Ion 68.15 (67.85 to 68.85): VU035233.D (-1033) (-)

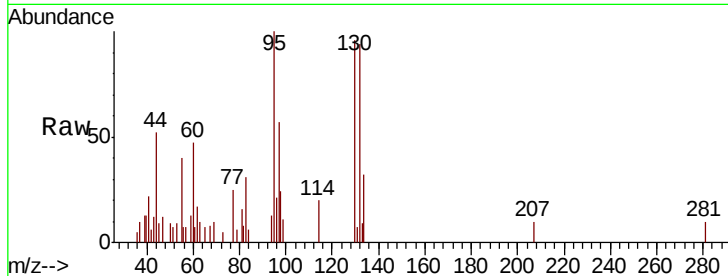




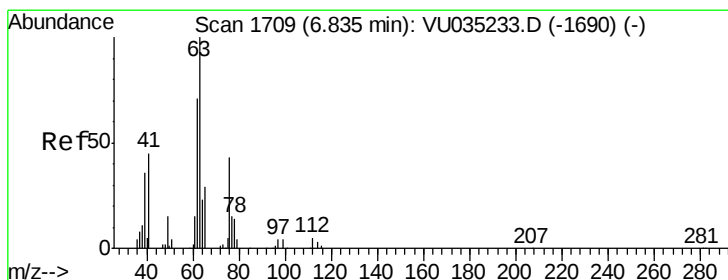
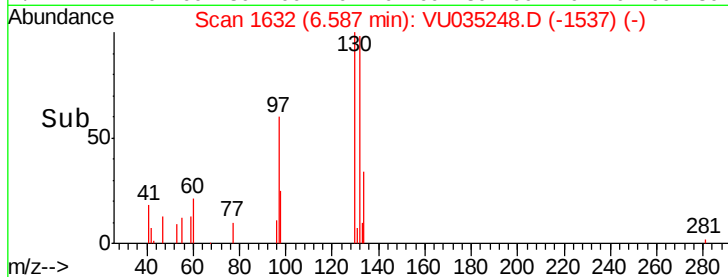
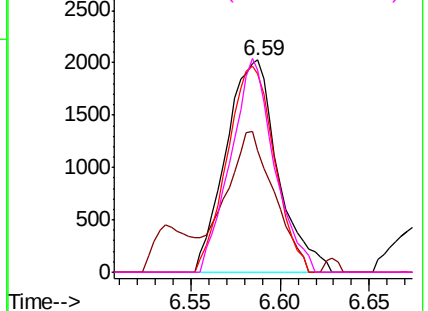
#34
 Trichloroethene
 Concen: 0.154 ug/L
 RT: 6.59 min Scan# 1632
 Delta R.T. 0.01 min
 Lab File: VU035248.D
 Acq: 18 Oct 2019 06:50

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	95	Resp:	4105
Ion	Ratio	Lower	Upper
95	100		
97	57.3	46.6	86.6
132	93.7	68.7	127.7
130	95.6	73.9	137.3

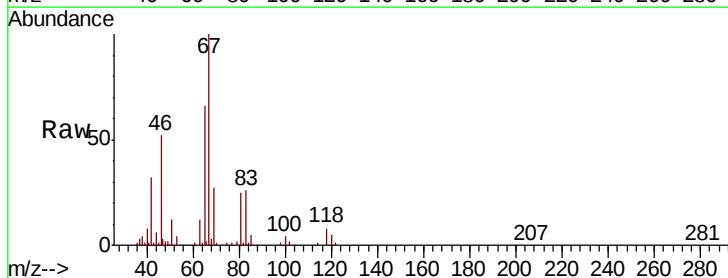


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

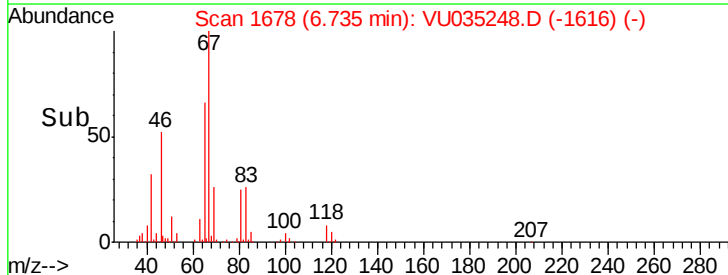
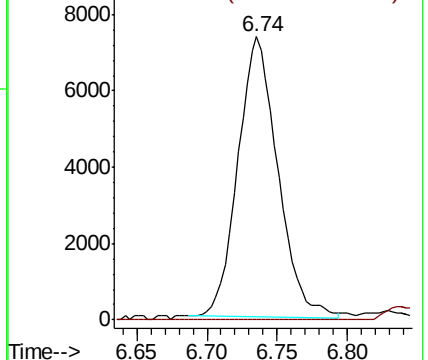


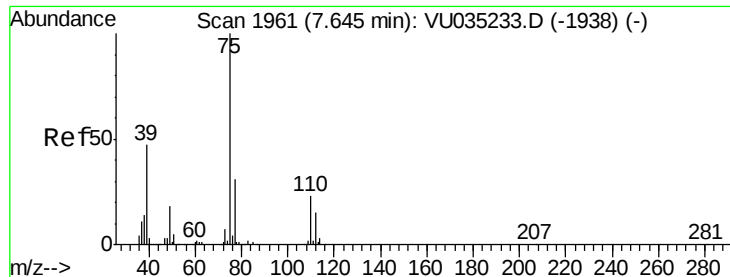
#37
 1,2-Dichloropropane
 Concen: 0.578 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035248.D
 Acq: 18 Oct 2019 06:50

Tgt Ion:	63	Resp:	14591
Ion	Ratio	Lower	Upper
63	100		
112	4.4	3.7	5.5



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





#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035248.D

Acq: 18 Oct 2019 06:50

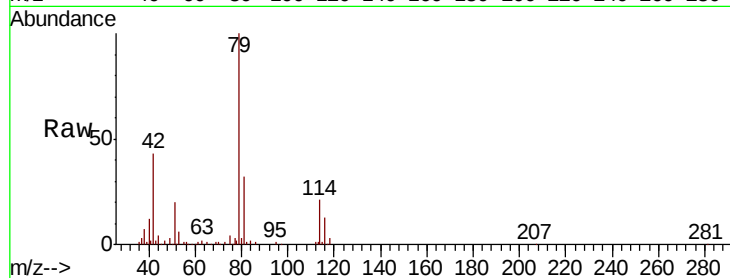
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 3526

Ion Ratio Lower Upper

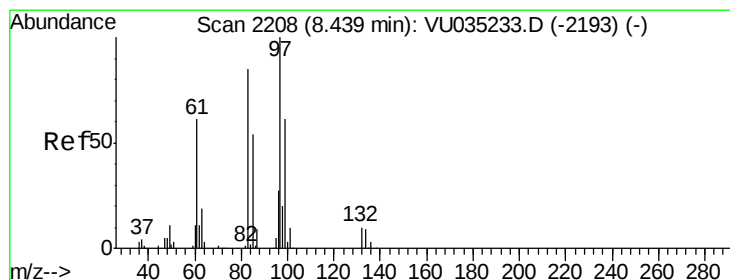
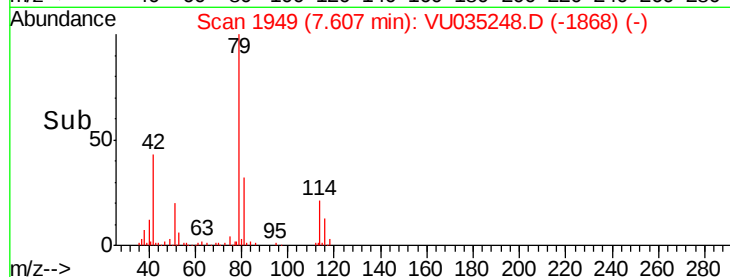
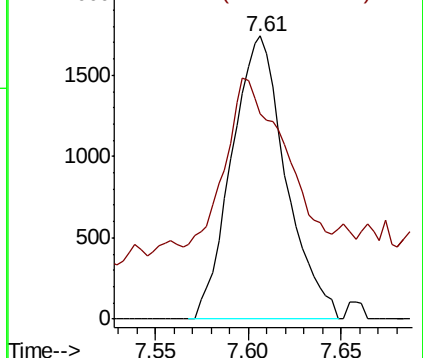
75 100

77 72.4 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035233.D (-1938) (-)

Ion 77.05 (76.75 to 77.75): VU035233.D (-1938) (-)



#45

1,1,2-Trichloroethane

Concen: 0.177 ug/L

RT: 8.40 min Scan# 2197

Delta R.T. -0.04 min

Lab File: VU035248.D

Acq: 18 Oct 2019 06:50

Tgt Ion: 97 Resp: 3322

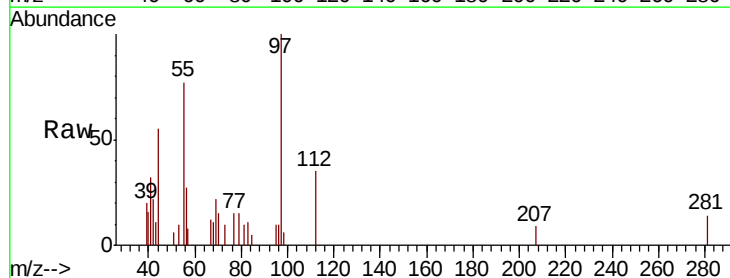
Ion Ratio Lower Upper

97 100

99 0.0 42.9 79.7#

83 11.1 60.4 112.2#

85 0.0 38.4 71.2#

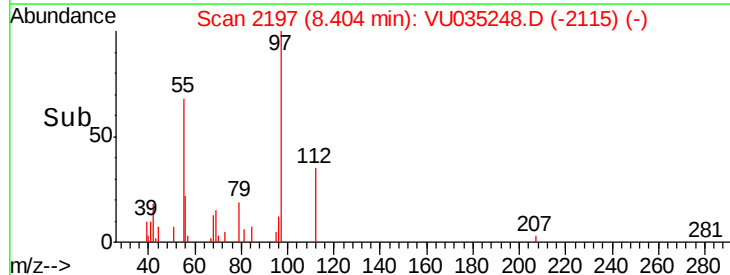
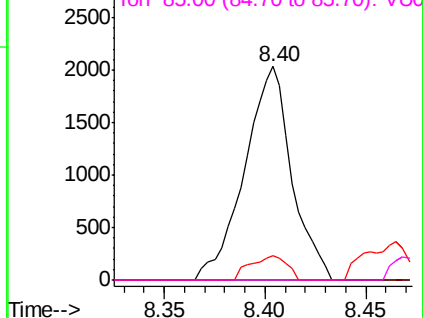


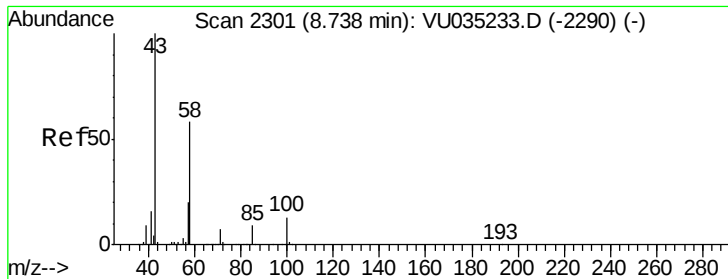
Abundance Ion 96.95 (96.65 to 97.65): VU035233.D (-2193) (-)

Ion 99.05 (98.75 to 99.75): VU035233.D (-2193) (-)

Ion 82.95 (82.65 to 83.65): VU035233.D (-2193) (-)

Ion 85.00 (84.70 to 85.70): VU035233.D (-2193) (-)





#48

2-Hexanone

Concen: 1.824 ug/L

RT: 8.69 min Scan# 2287

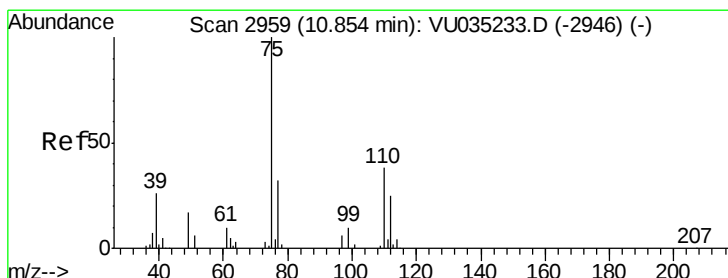
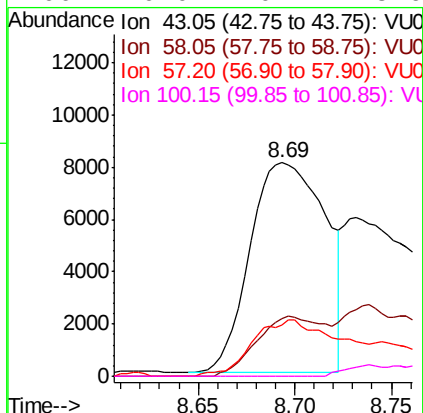
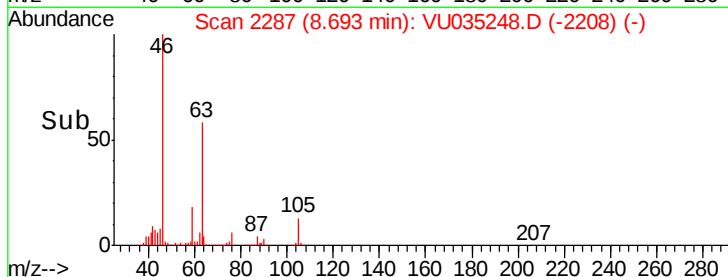
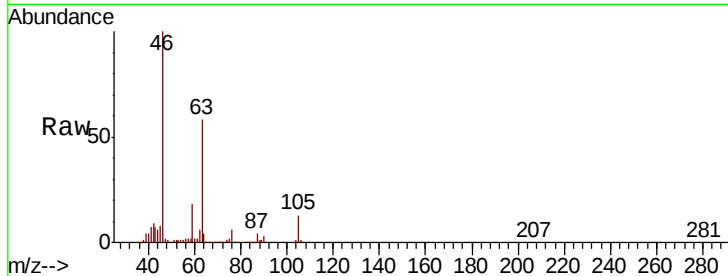
Delta R.T. -0.05 min

Lab File: VU035248.D

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Tot Ion:	43	Resp:	21802
Ion	Ratio	Lower	Upper
43	100		
58	25.8	45.1	67.7#
57	31.7	16.0	24.0#
100	0.0	10.4	15.6#



#59

1,2,3-Trichloropropane

Concen: 0.875 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035248.D

Acq: 18 Oct 2019 06:50

Tgt Ion:	75	Resp:	15394
Ion	Ratio	Lower	Upper
75	100		
77	42.3	26.2	39.2#

