

Data File : VU035920.D
Acq On : 29 Nov 2019 14:09
Operator : JC/SP
Sample : K6061-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XQ0

Quant Time: Nov 30 03:24:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 30 03:20:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	221783	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	260653	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	72135	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	120521	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.93	69	121581	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.59	63	157723	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.69	46	221493	33.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.06%
24) Chloroform-d	5.11	84	201705	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.75	65	124657	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.77	84	429062	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.74	67	153045	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.93	98	332591	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.40%
43) trans-1,3-Dichloropropene-	8.22	79	46680	3.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.60%
46) 2-Hexanone-d5	8.70	63	226384	43.20	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.40%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	123179	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	83885	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

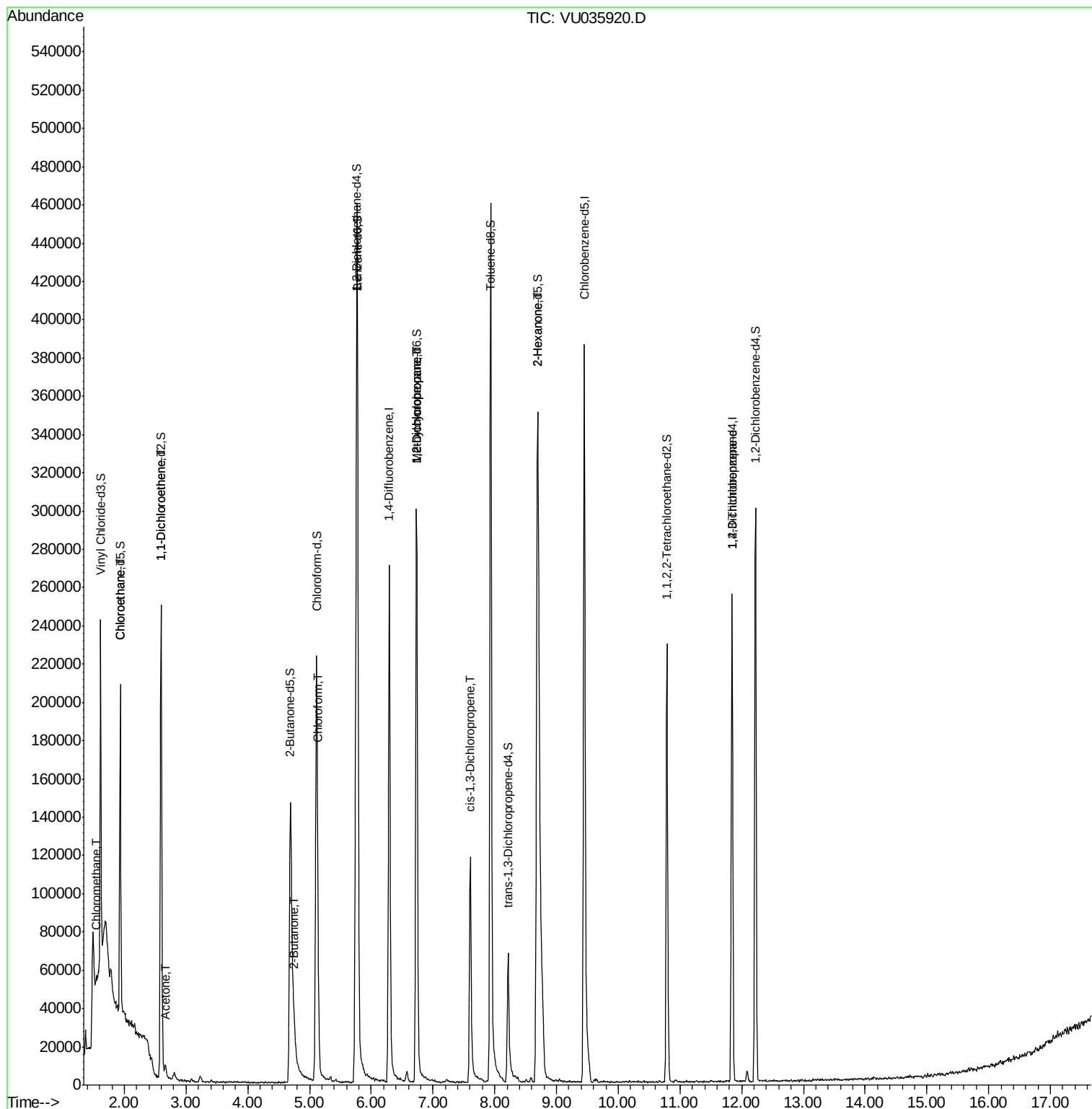
					Qvalue
3) Chloromethane	1.54	50	3615	0.098 ug/L	87
8) Chloroethane	1.93	64	2165	0.101 ug/L #	52
12) 1,1-Dichloroethene	2.59	96	1421	0.062 ug/L #	1
13) Acetone	2.66	43	5863	0.996 ug/L	96
21) 2-Butanone	4.76	43	23202	3.114 ug/L #	69
25) Chloroform	5.14	83	29871	0.601 ug/L	96
35) Methylcyclohexane	6.73	83	32814	0.838 ug/L #	13
37) 1,2-Dichloropropane	6.73	63	15531	0.503 ug/L #	91
39) cis-1,3-Dichloropropene	7.60	75	3103	0.078 ug/L #	37
48) 2-Hexanone	8.70	43	40050	2.871 ug/L #	71
59) 1,2,3-Trichloropropane	11.84	75	9654	0.481 ug/L	97

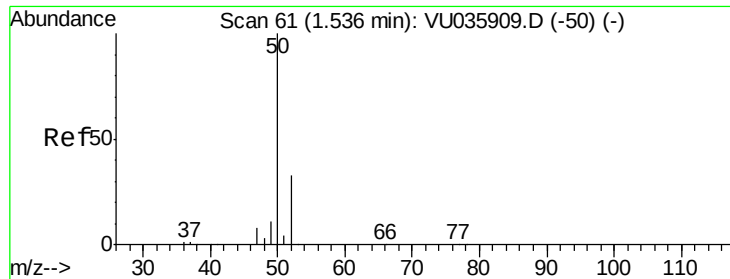
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.098 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU035920.D

Acq: 29 Nov 2019 14:09

Instrument :

MSVOA_U

ClientSampleId :

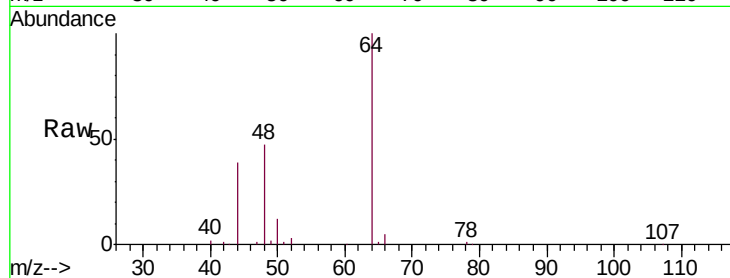
C0XQ0

Tgt Ion: 50 Resp: 3615

Ion Ratio Lower Upper

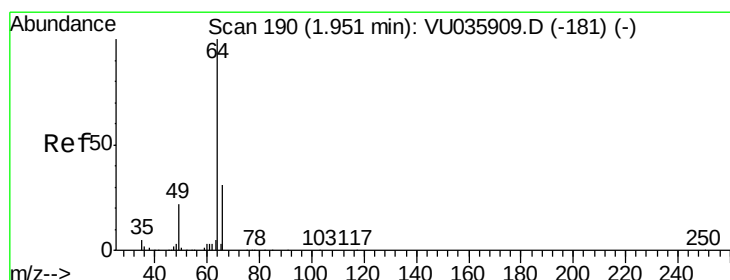
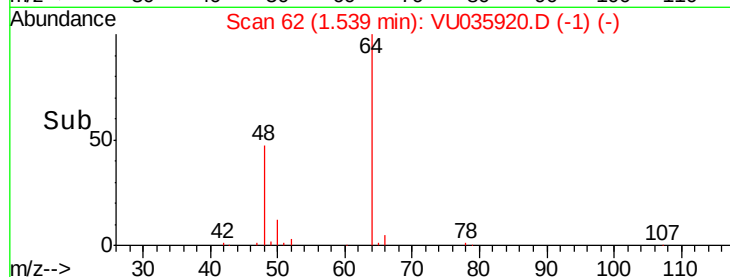
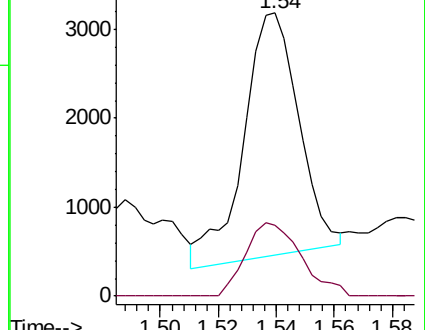
50 100

52 24.9 22.7 42.3



Abundance Ion 50.05 (49.75 to 50.75): VU035920.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU035920.D (-1) (-)



#8

Chloroethane

Concen: 0.101 ug/L

RT: 1.93 min Scan# 184

Delta R.T. -0.02 min

Lab File: VU035920.D

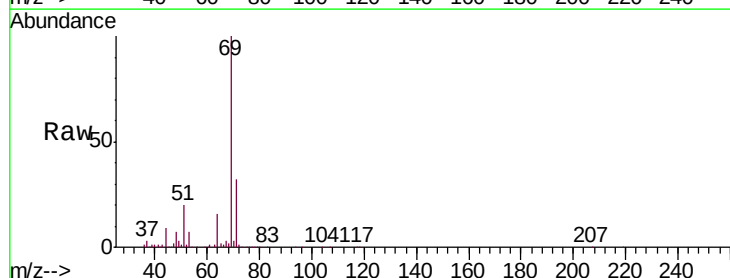
Acq: 29 Nov 2019 14:09

Tgt Ion: 64 Resp: 2165

Ion Ratio Lower Upper

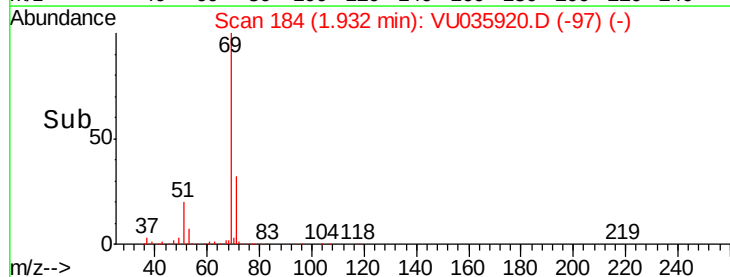
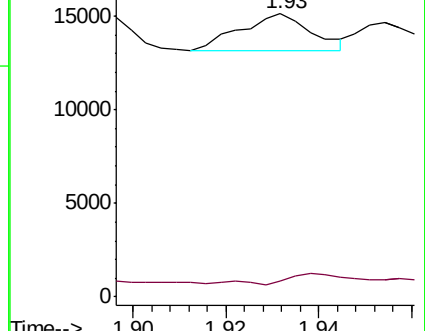
64 100

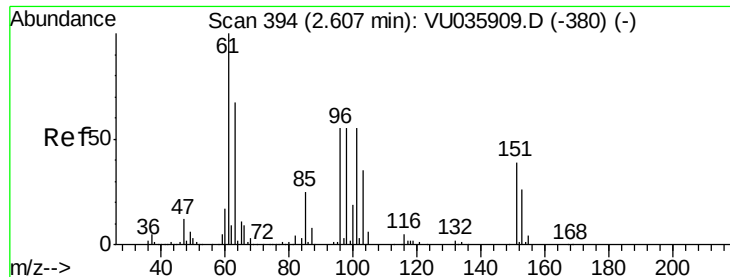
66 5.4 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VU035920.D (-97) (-)

Ion 66.05 (65.75 to 66.75): VU035920.D (-97) (-)

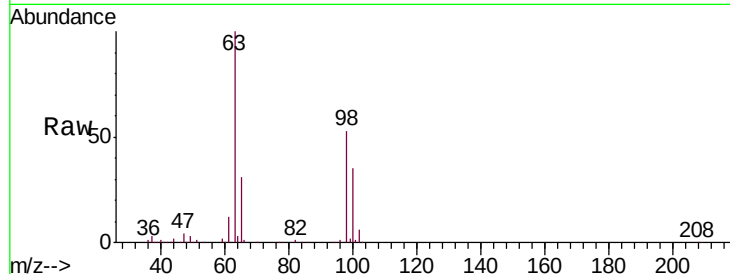




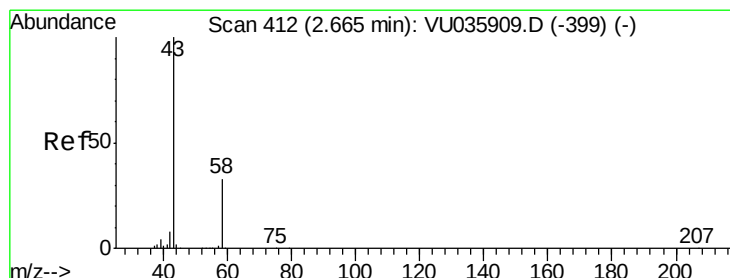
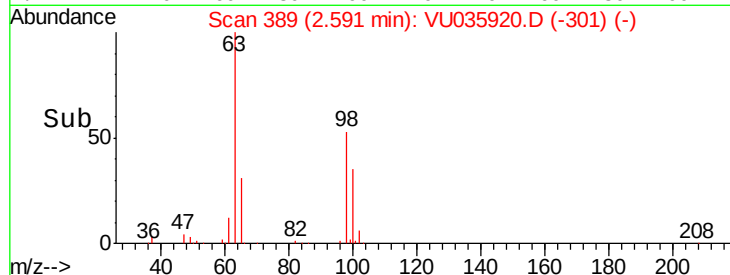
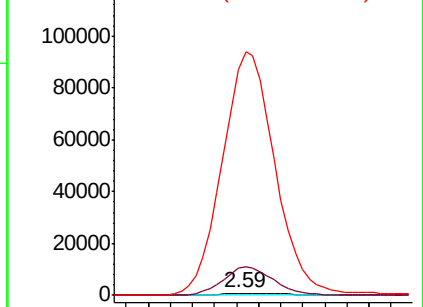
#12
 1,1-Dichloroethene
 Concen: 0.062 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.02 min
 Lab File: VU035920.D
 Acq: 29 Nov 2019 14:09

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XQ0

Tgt Ion: 96 Resp: 1421
 Ion Ratio Lower Upper
 96 100
 61 1531.0 139.3 258.7#
 63 12909.2 93.7 174.1#

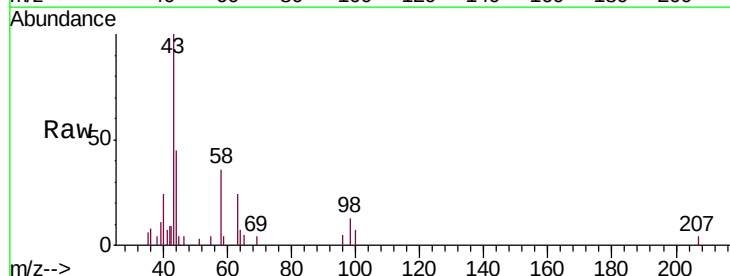


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

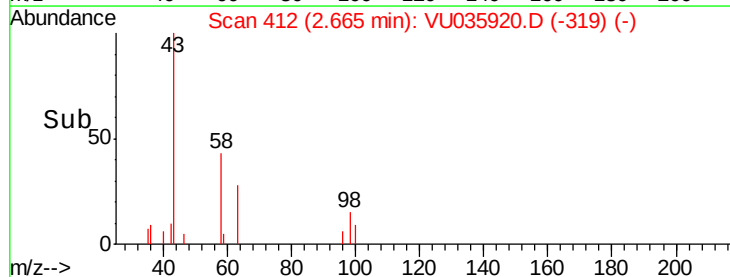
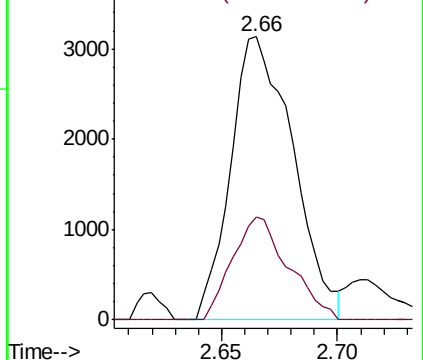


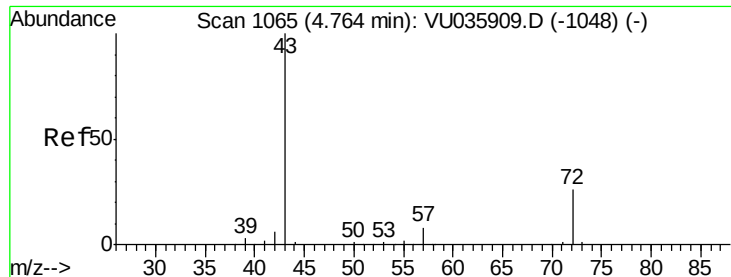
#13
 Acetone
 Concen: 0.996 ug/L
 RT: 2.66 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: VU035920.D
 Acq: 29 Nov 2019 14:09

Tgt Ion: 43 Resp: 5863
 Ion Ratio Lower Upper
 43 100
 58 32.8 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0





#21

2-Butanone

Concen: 3.114 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. -0.01 min

Lab File: VU035920.D

Acq: 29 Nov 2019 14:09

Instrument :

MSVOA_U

ClientSampleId :

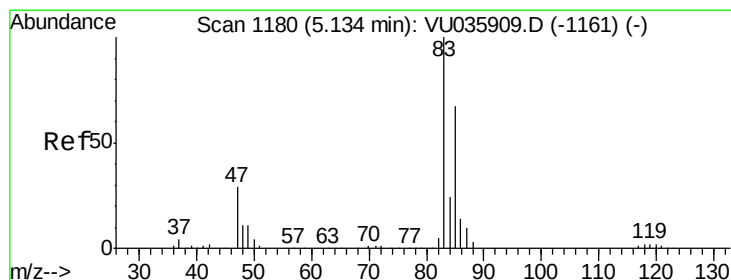
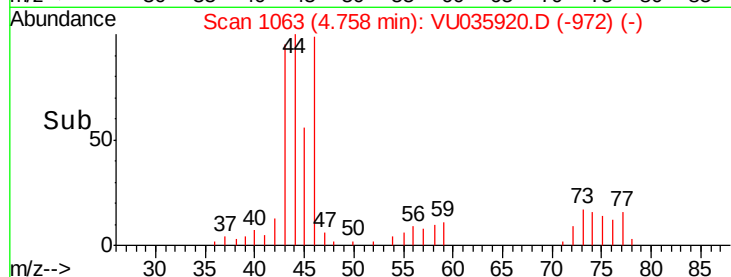
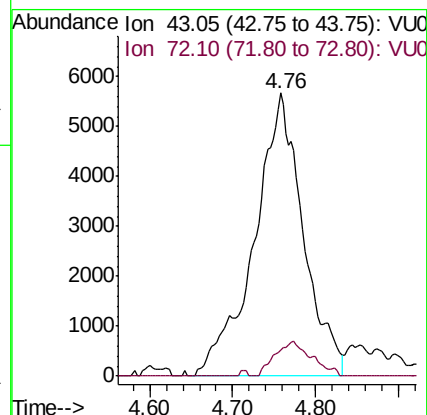
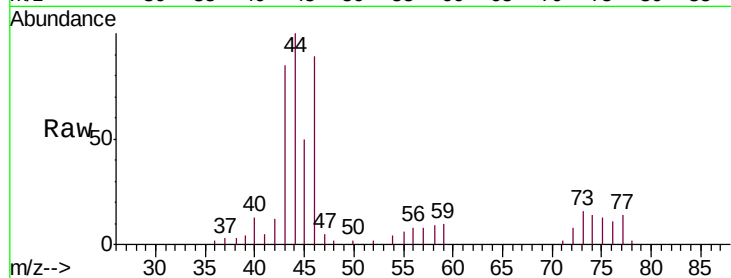
C0XQ0

Tgt Ion: 43 Resp: 23202

Ion Ratio Lower Upper

43 100

72 9.2 12.4 37.4#



#25

Chloroform

Concen: 0.601 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU035920.D

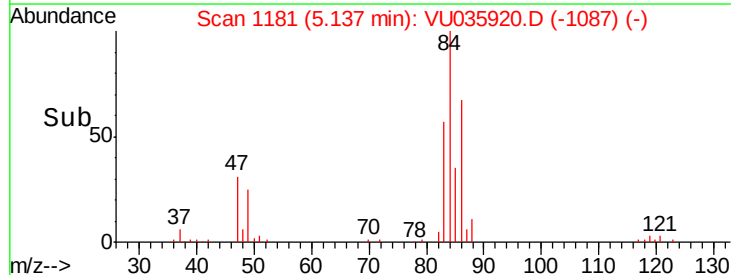
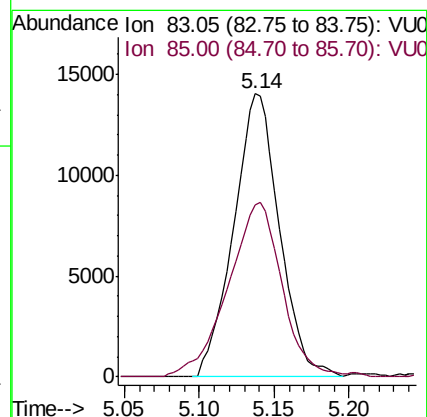
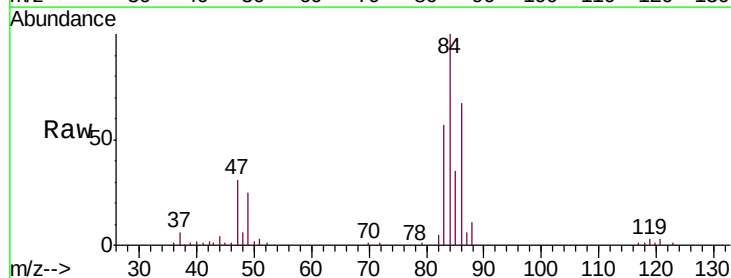
Acq: 29 Nov 2019 14:09

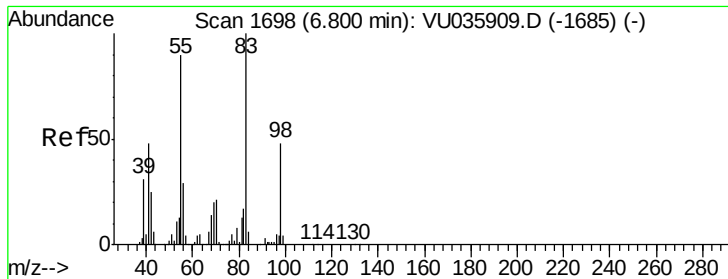
Tgt Ion: 83 Resp: 29871

Ion Ratio Lower Upper

83 100

85 60.9 44.6 82.8

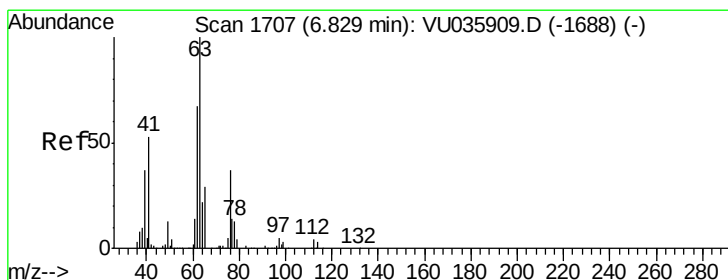
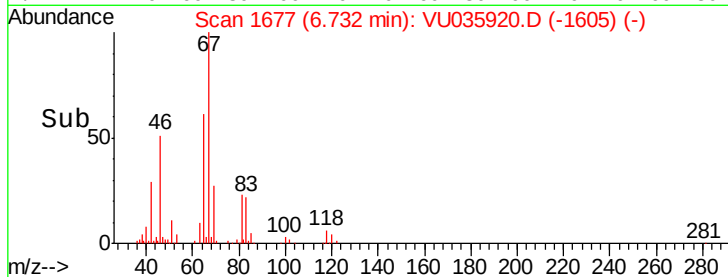
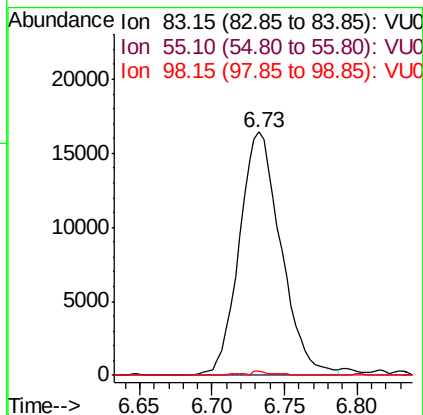
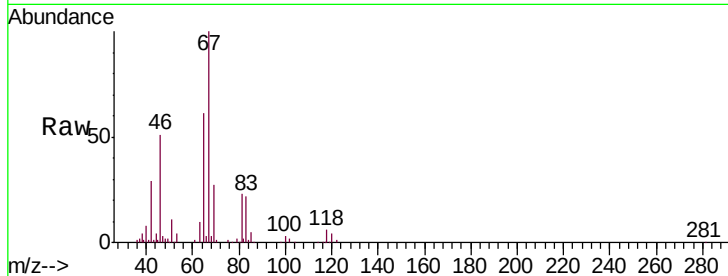




#35
Methylcyclohexane
Concen: 0.838 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035920.D
Acq: 29 Nov 2019 14:09

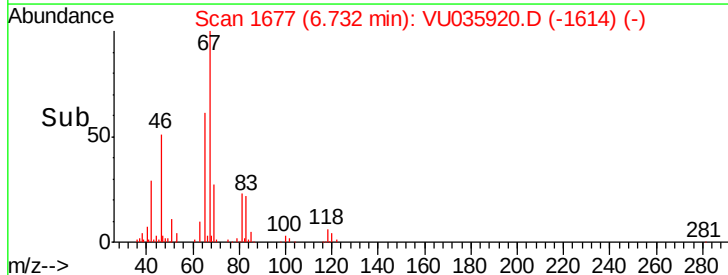
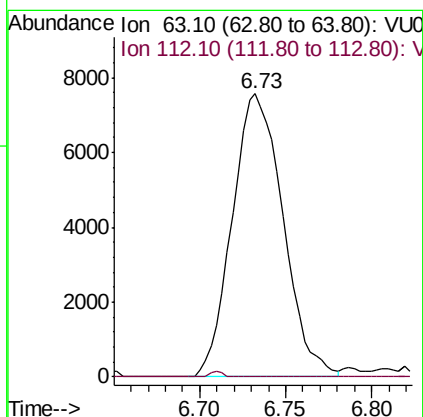
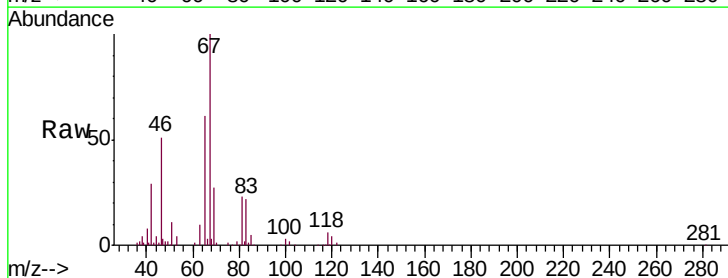
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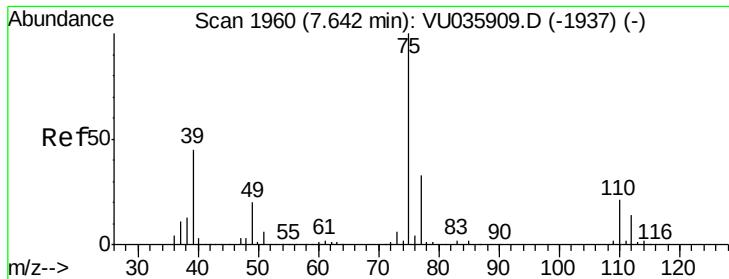
Tgt Ion: 83 Resp: 32814
Ion Ratio Lower Upper
83 100
55 0.0 72.7 109.1#
98 0.6 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.503 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035920.D
Acq: 29 Nov 2019 14:09

Tgt Ion: 63 Resp: 15531
Ion Ratio Lower Upper
63 100
112 0.5 2.7 4.1#

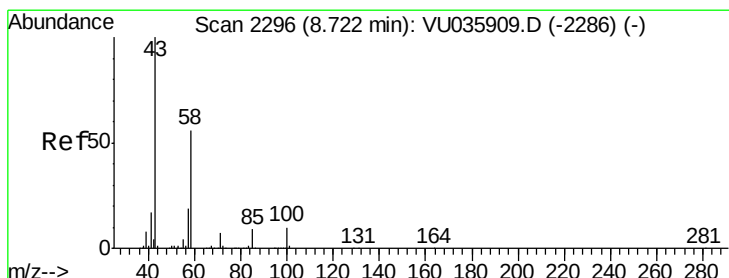
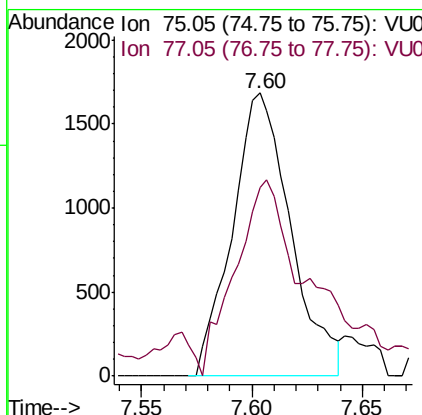
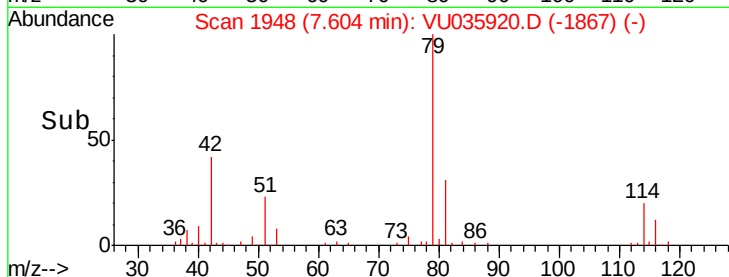
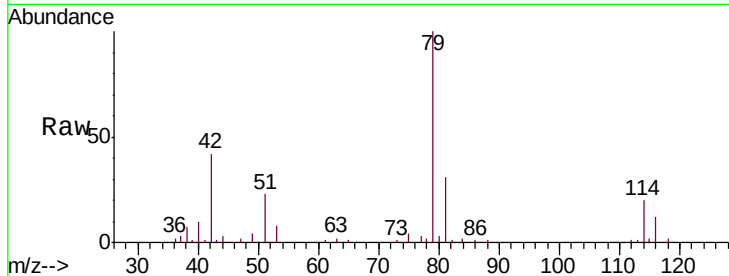




#39
 cis-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035920.D
 Acq: 29 Nov 2019 14:09

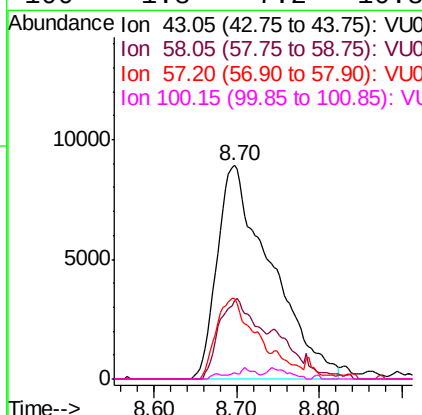
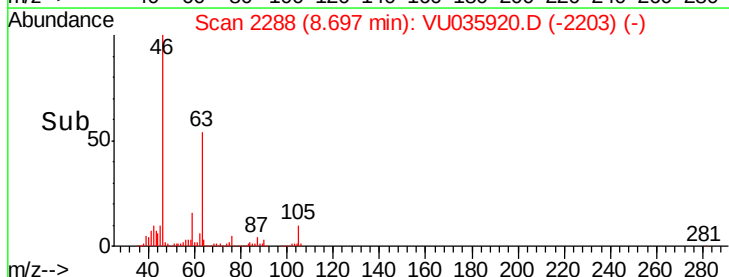
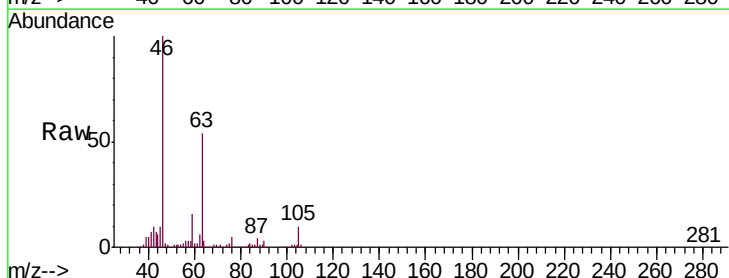
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 MSVOA_U
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 C0XQ0

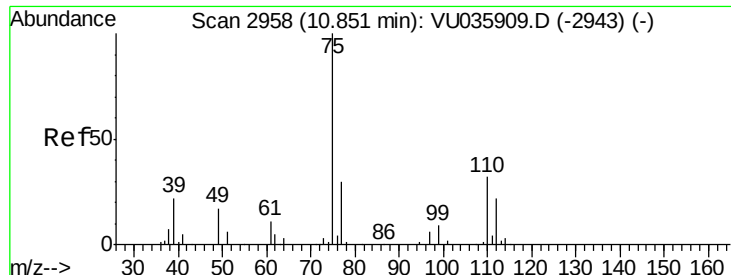
Tgt Ion: 75 Resp: 3103
 Ion Ratio Lower Upper
 75 100
 77 66.7 22.1 41.1#



#48
 2-Hexanone
 Concen: 2.871 ug/L
 RT: 8.70 min Scan# 2288
 Delta R.T. -0.03 min
 Lab File: VU035920.D
 Acq: 29 Nov 2019 14:09

Tgt Ion: 43 Resp: 40050
 Ion Ratio Lower Upper
 43 100
 58 26.0 39.8 59.8#
 57 25.8 14.0 21.0#
 100 1.8 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 0.481 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035920.D

Acq: 29 Nov 2019 14:09

Instrument :

MSVOA_U

ClientSampleId :

C0XQ0

Tgt Ion: 75 Resp: 9654

Ion Ratio Lower Upper

75 100

77 33.6 25.4 38.2

