

Data File : VU035919.D
Acq On : 29 Nov 2019 13:45
Operator : JC/SP
Sample : K6003-08DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
B0AE9DL

Quant Time: Nov 30 03:24:04 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	233964	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	272679	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	83928	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	128836	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.93	69	127688	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.59	63	172389	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.69	46	280497	39.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.32%
24) Chloroform-d	5.11	84	234424	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.75	65	134302	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.77	84	454830	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.73	67	158346	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.93	98	356212	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	8.21	79	50053	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
46) 2-Hexanone-d5	8.68	63	253824	46.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.60%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	132050	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	94635	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

					Qvalue
3) Chloromethane	1.54	50	11553	0.296 ug/L #	52
8) Chloroethane	2.06	64	11305	0.500 ug/L #	50
12) 1,1-Dichloroethene	2.61	96	17337	0.712 ug/L #	1
13) Acetone	2.66	43	17101	2.753 ug/L	94
14) Carbon disulfide	2.83	76	7239	0.090 ug/L	97
16) Methylene chloride	3.08	84	5879	0.200 ug/L	90
19) 1,1-Dichloroethane	3.92	63	31022	0.576 ug/L	95
21) 2-Butanone	4.77	43	15090	1.920 ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	5779	0.216 ug/L	67
25) Chloroform	5.13	83	13660	0.261 ug/L	93
34) Trichloroethene	6.58	95	164351	5.889 ug/L	97
35) Methylcyclohexane	6.73	83	35880	0.876 ug/L #	14
39) cis-1,3-Dichloropropene	7.60	75	3649	0.087 ug/L #	59
48) 2-Hexanone	8.68	43	40233	2.757 ug/L #	65
59) 1,2,3-Trichloropropane	11.84	75	10427	0.497 ug/L	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112919\
Quantitation Report (Not Reviewed)

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Response via : Initial Calibration

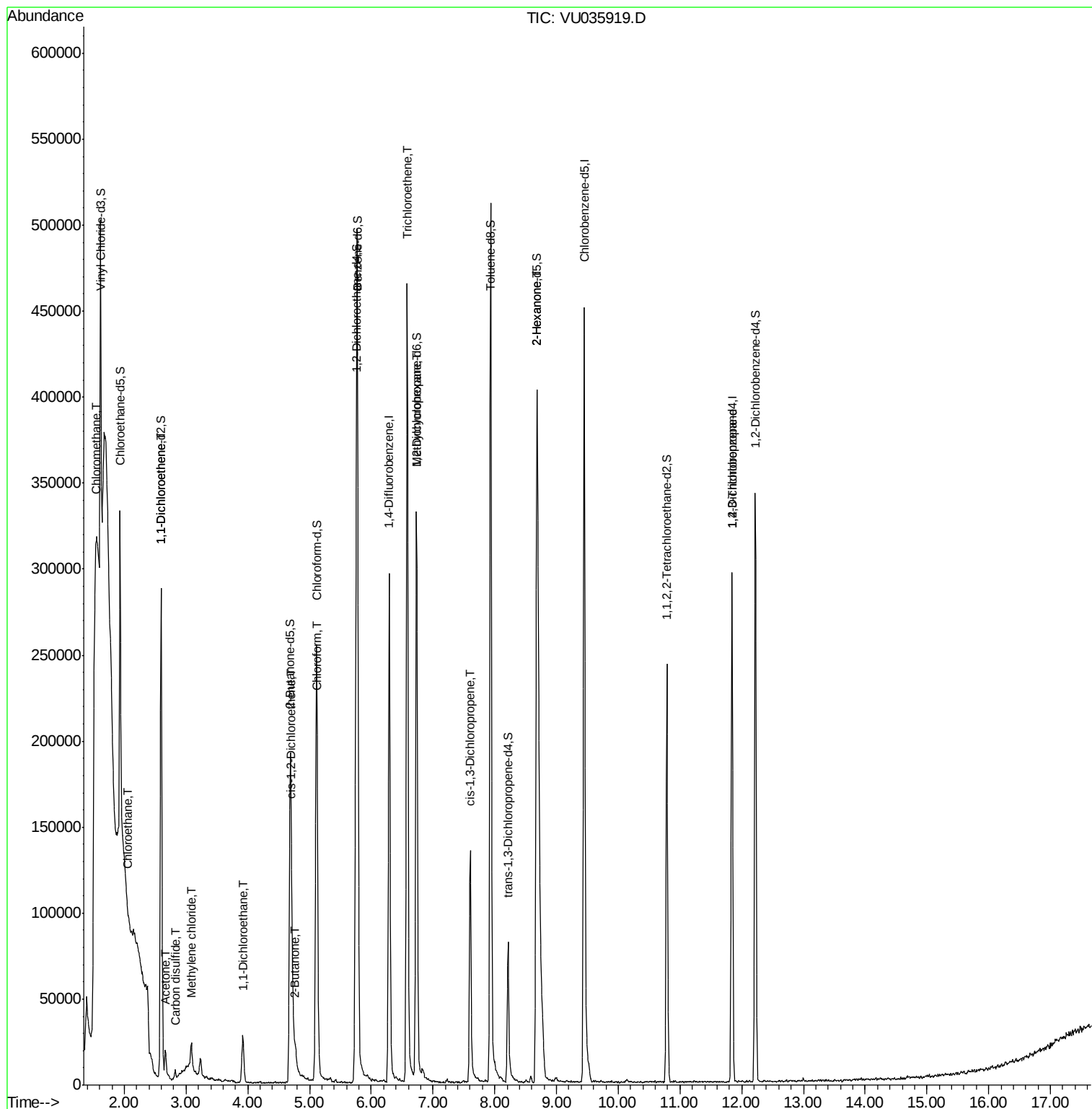
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

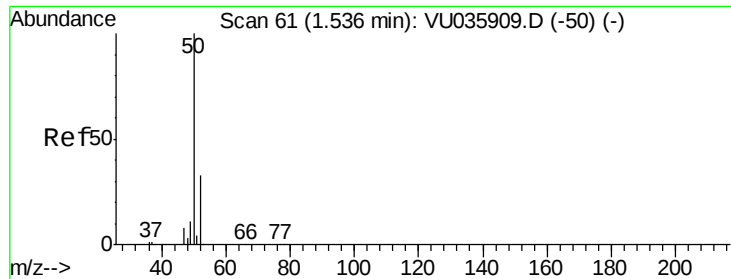
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#3

Chloromethane

Concen: 0.296 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU035919.D

Acq: 29 Nov 2019 13:45

Instrument :

MSVOA_U

ClientSampleId :

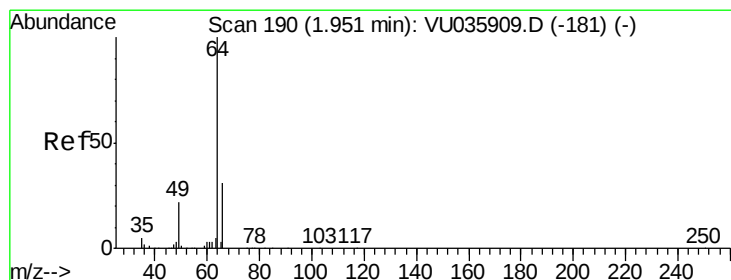
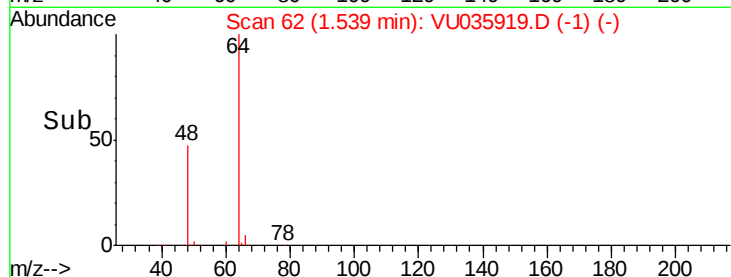
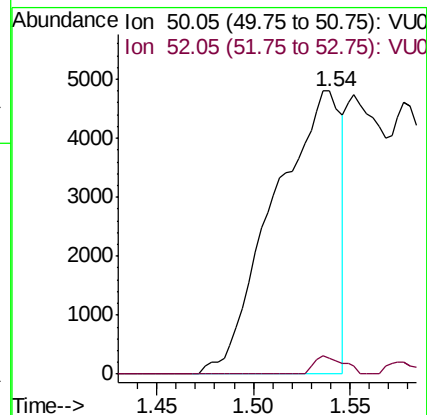
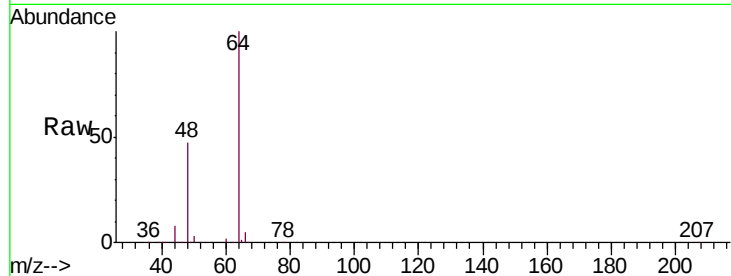
B0AE9DL

Tgt Ion: 50 Resp: 11553

Ion Ratio Lower Upper

50 100

52 5.5 22.7 42.3#



#8

Chloroethane

Concen: 0.500 ug/L

RT: 2.06 min Scan# 225

Delta R.T. 0.11 min

Lab File: VU035919.D

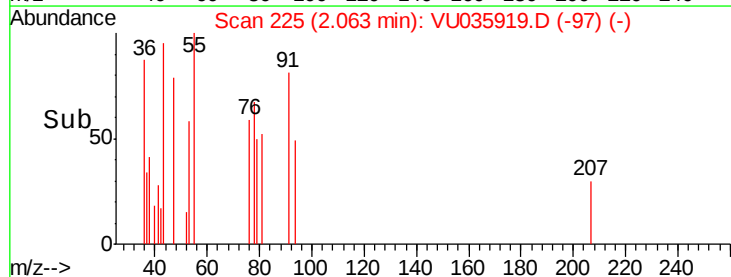
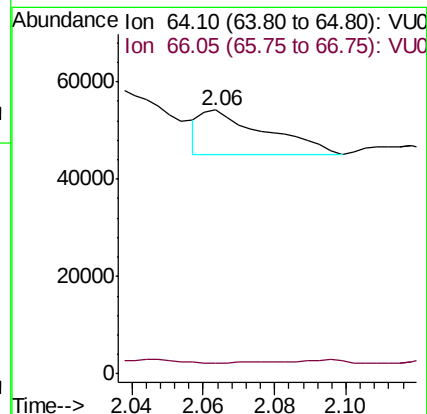
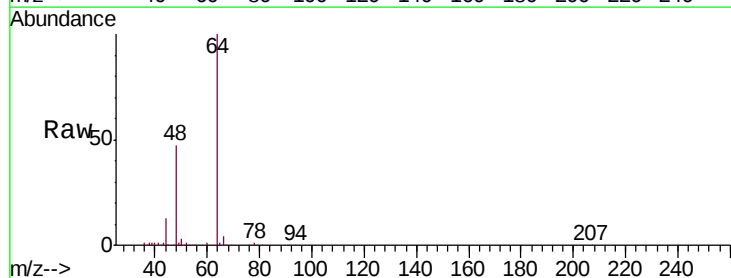
Acq: 29 Nov 2019 13:45

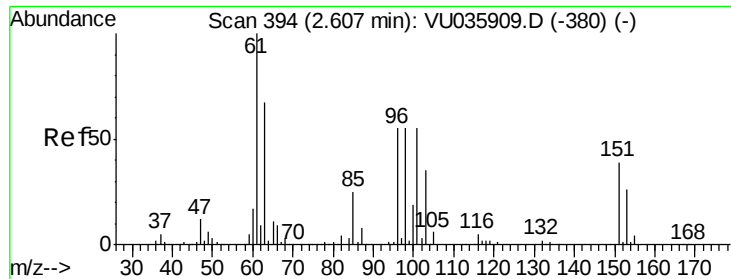
Tgt Ion: 64 Resp: 11305

Ion Ratio Lower Upper

64 100

66 4.2 22.3 41.5#





#12

1,1-Dichloroethene

Concen: 0.712 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU035919.D

Acq: 29 Nov 2019 13:45

Instrument :

MSVOA_U

ClientSampleId :

B0AE9DL

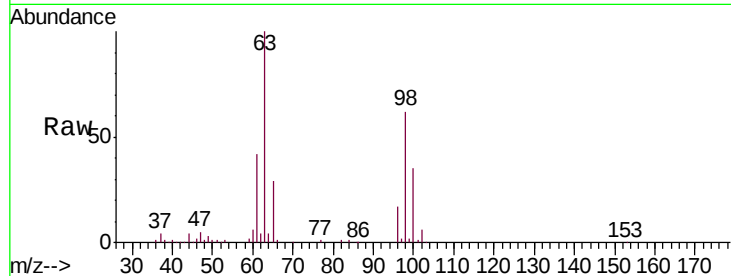
Tgt Ion: 96 Resp: 17337

Ion Ratio Lower Upper

96 100

61 249.1 139.3 258.7

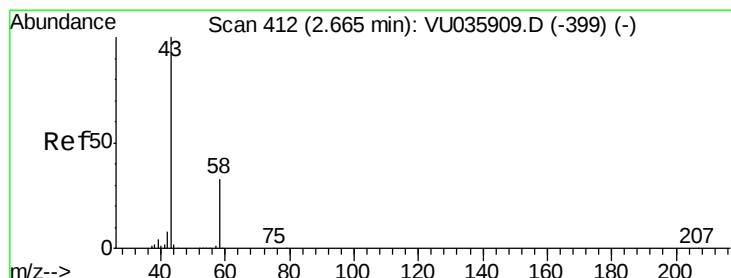
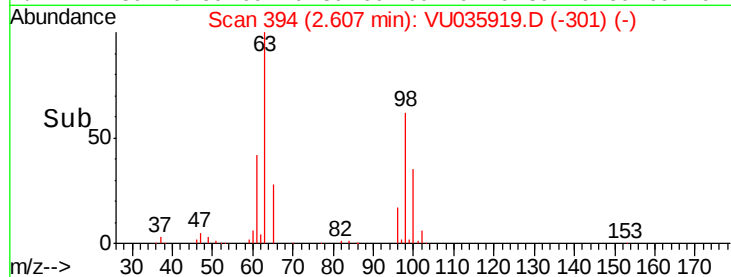
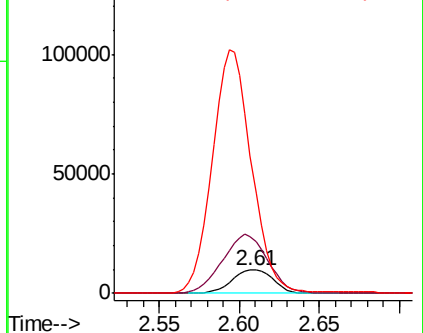
63 600.2 93.7 174.1#



Abundance Ion 96.00 (95.70 to 96.70): VU035919.D (-391) (-)

Ion 61.05 (60.75 to 61.75): VU035919.D (-391) (-)

Ion 63.00 (62.70 to 63.70): VU035919.D (-391) (-)



#13

Acetone

Concen: 2.753 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU035919.D

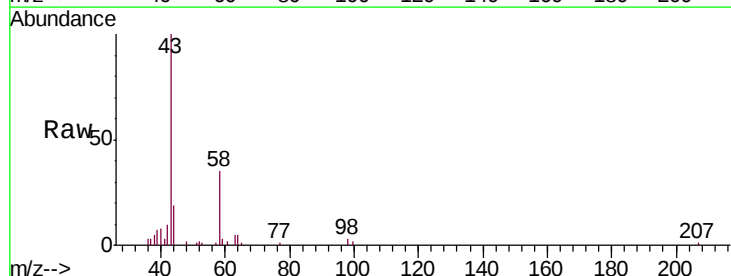
Acq: 29 Nov 2019 13:45

Tgt Ion: 43 Resp: 17101

Ion Ratio Lower Upper

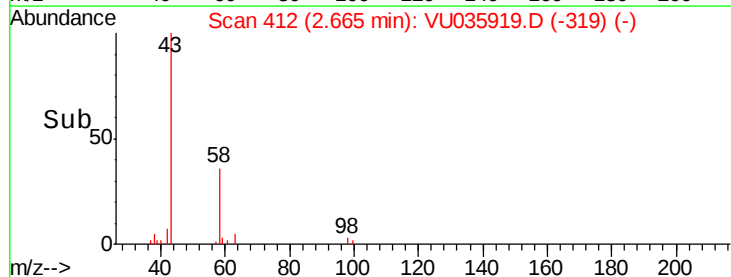
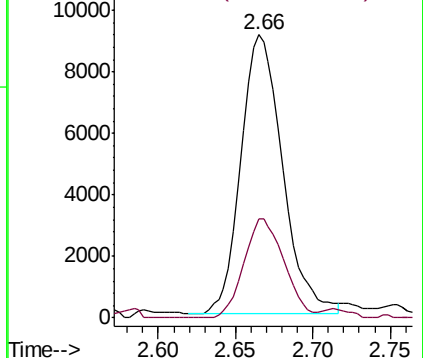
43 100

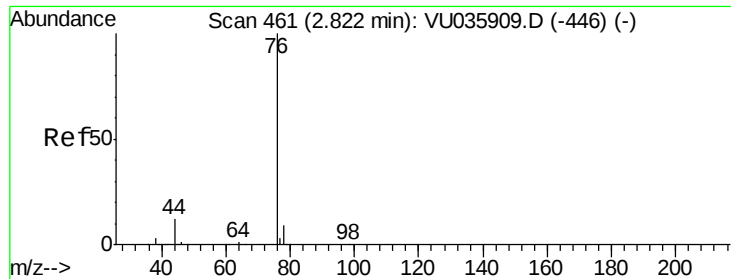
58 34.1 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035919.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VU035919.D (-319) (-)





#14

Carbon disulfide

Concen: 0.090 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU035919.D

Acq: 29 Nov 2019 13:45

Instrument :

MSVOA_U

ClientSampleId :

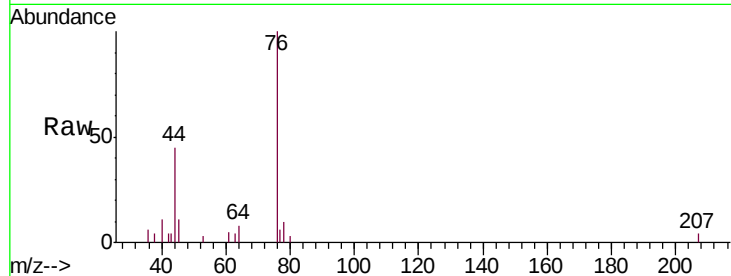
B0AE9DL

Tgt Ion: 76 Resp: 7239

Ion Ratio Lower Upper

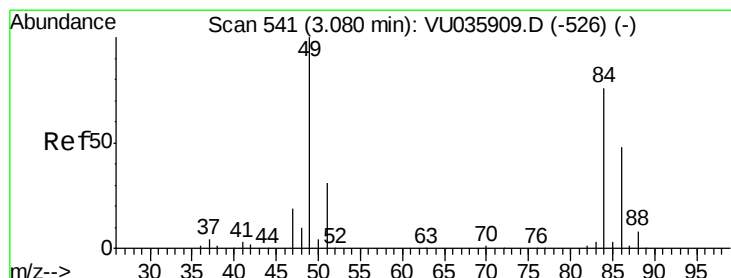
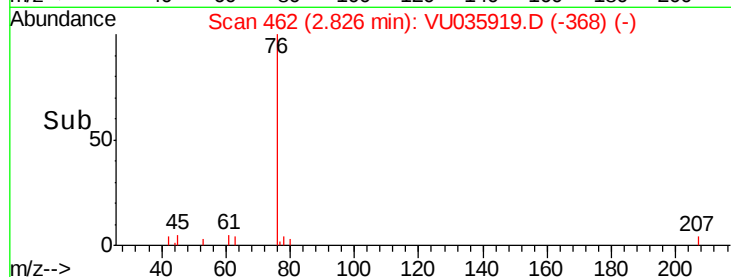
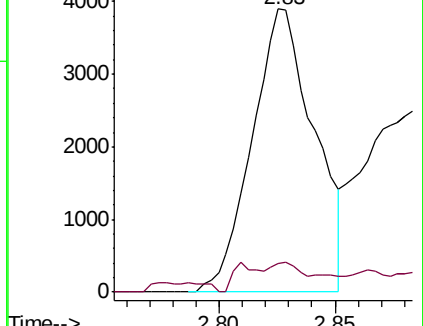
76 100

78 10.3 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU035919.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU035919.D (-446) (-)



#16

Methylene chloride

Concen: 0.200 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU035919.D

Acq: 29 Nov 2019 13:45

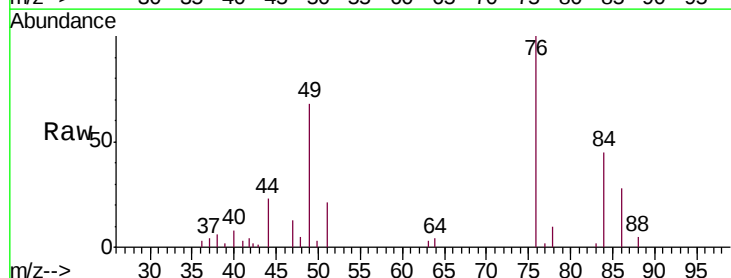
Tgt Ion: 84 Resp: 5879

Ion Ratio Lower Upper

84 100

86 62.3 44.4 82.5

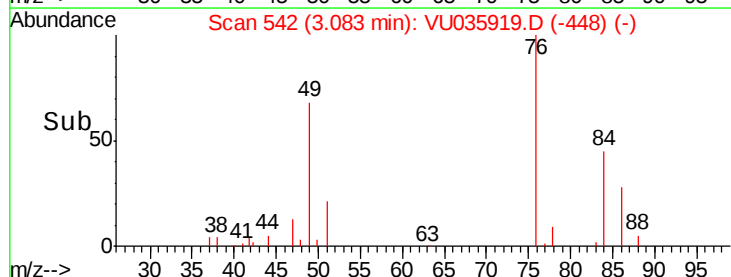
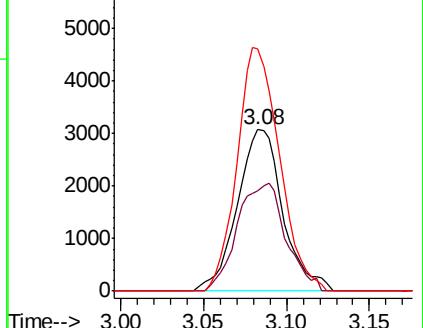
49 150.4 94.0 174.6

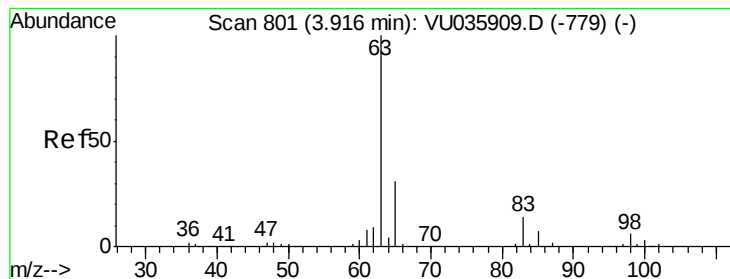


Abundance Ion 84.05 (83.75 to 84.75): VU035919.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU035919.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU035919.D (-526) (-)





#19

1,1-Dichloroethane

Concen: 0.576 ug/L

RT: 3.92 min Scan# 803

Delta R.T. 0.01 min

Lab File: VU035919.D

Acq: 29 Nov 2019 13:45

Instrument :

MSVOA_U

ClientSampleId :

B0AE9DL

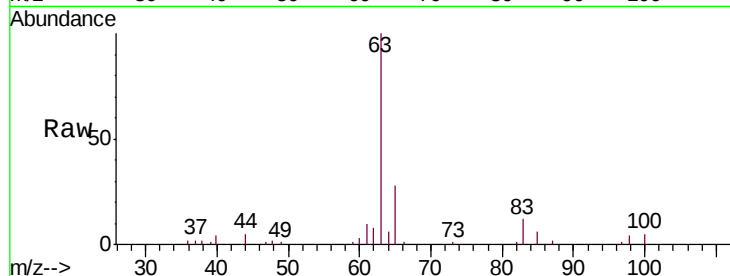
Tgt Ion: 63 Resp: 31022

Ion Ratio Lower Upper

63 100

65 27.8 21.8 40.4

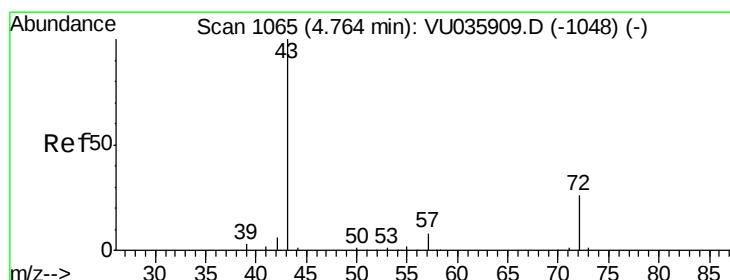
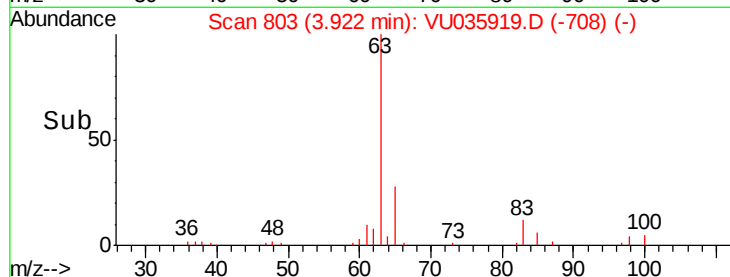
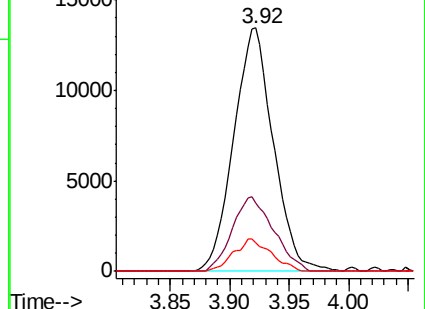
83 11.7 8.6 16.0



Abundance Ion 63.10 (62.80 to 63.80): VU035919.D (-779) (-)

Ion 65.10 (64.80 to 65.80): VU035919.D (-779) (-)

Ion 83.05 (82.75 to 83.75): VU035919.D (-779) (-)



#21

2-Butanone

Concen: 1.920 ug/L

RT: 4.77 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VU035919.D

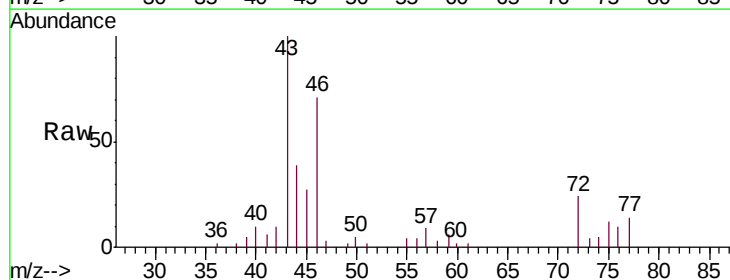
Acq: 29 Nov 2019 13:45

Tgt Ion: 43 Resp: 15090

Ion Ratio Lower Upper

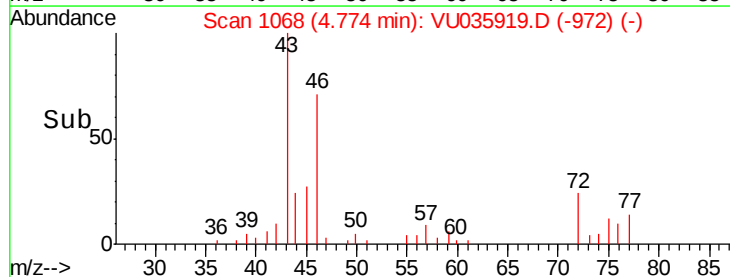
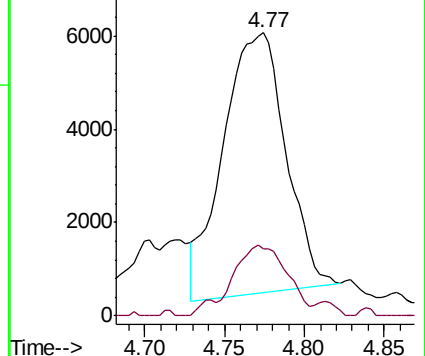
43 100

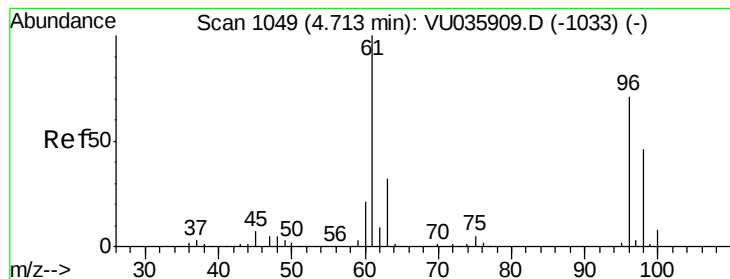
72 23.8 12.4 37.4



Abundance Ion 43.05 (42.75 to 43.75): VU035919.D (-972) (-)

Ion 72.10 (71.80 to 72.80): VU035919.D (-972) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.216 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU035919.D

Acq: 29 Nov 2019 13:45

Instrument :

MSVOA_U

ClientSampleId :

B0AE9DL

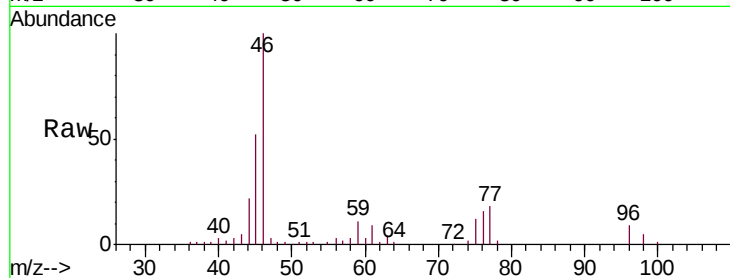
Tgt Ion: 96 Resp: 5779

Ion Ratio Lower Upper

96 100

61 99.4 98.1 182.1

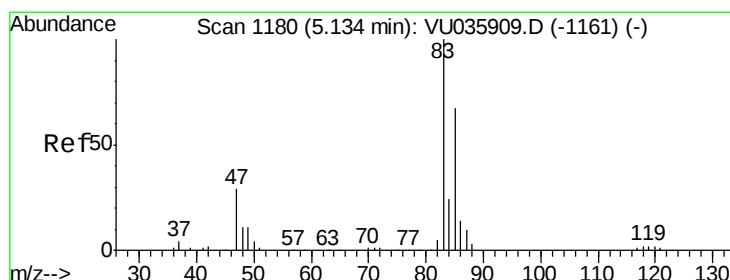
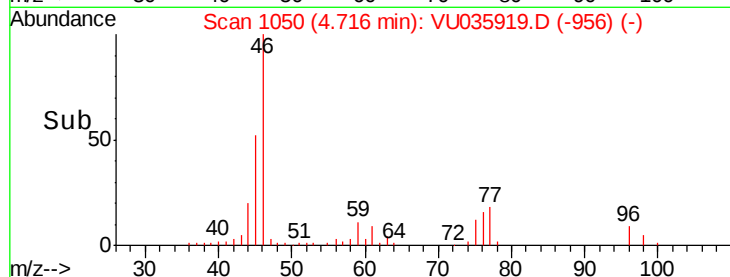
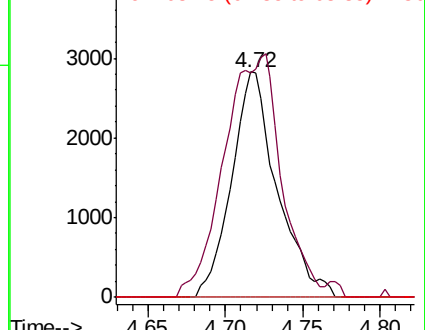
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035919.D (-1033) (-)

Ion 61.05 (60.75 to 61.75): VU035919.D (-1033) (-)

Ion 68.15 (67.85 to 68.85): VU035919.D (-1033) (-)



#25

Chloroform

Concen: 0.261 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU035919.D

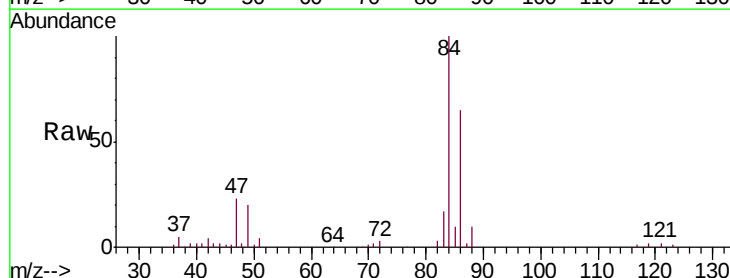
Acq: 29 Nov 2019 13:45

Tgt Ion: 83 Resp: 13660

Ion Ratio Lower Upper

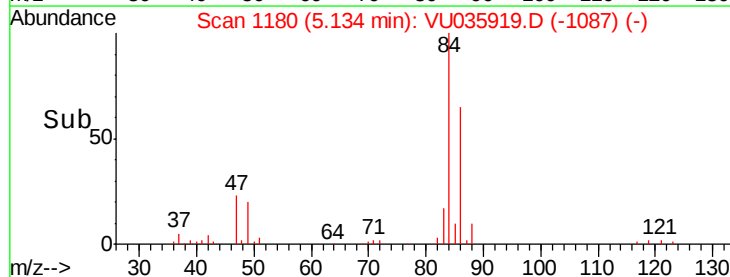
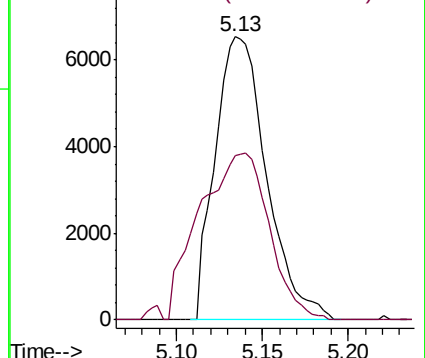
83 100

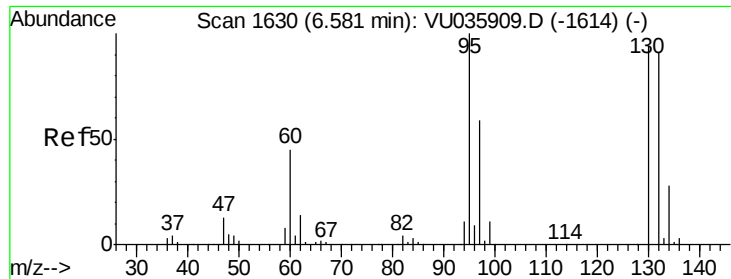
85 58.2 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU035919.D (-1161) (-)

Ion 85.00 (84.70 to 85.70): VU035919.D (-1161) (-)





#34

Trichloroethene

Concen: 5.889 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035919.D

Acq: 29 Nov 2019 13:45

Instrument :

MSVOA_U

ClientSampleId :

B0AE9DL

Tgt Ion: 95 Resp: 164351

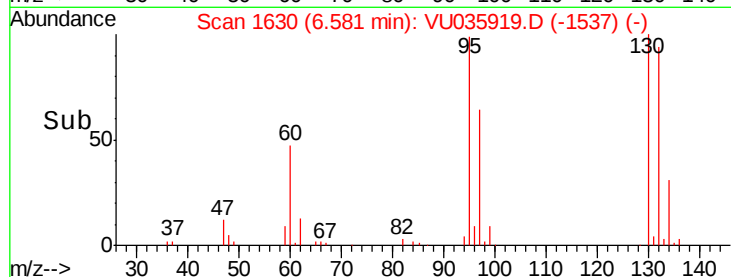
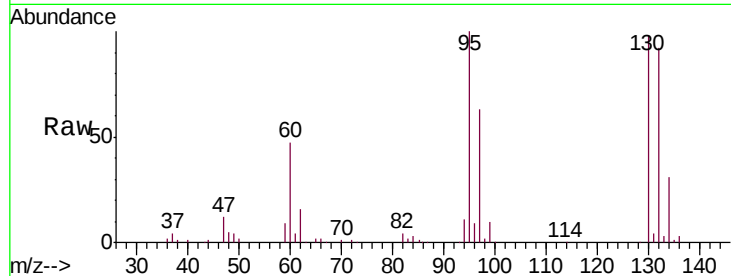
Ion Ratio Lower Upper

95 100

97 62.8 45.1 83.9

132 92.3 61.9 114.9

130 98.0 66.3 123.1



Abundance Ion 95.00 (94.70 to 95.70): VU035919.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU035919.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU035919.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU035919.D (-1537) (-)

Time-->

6.58

80000

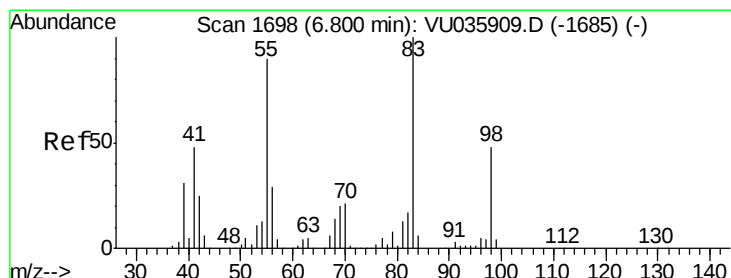
60000

40000

20000

0

6.50 6.55 6.60 6.65



#35

Methylcyclohexane

Concen: 0.876 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035919.D

Acq: 29 Nov 2019 13:45

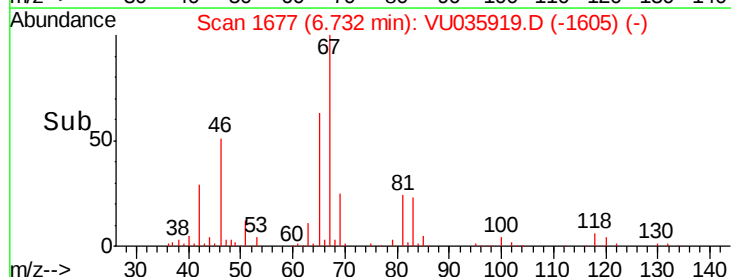
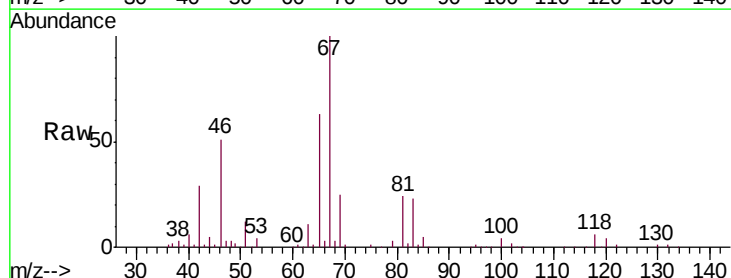
Tgt Ion: 83 Resp: 35880

Ion Ratio Lower Upper

83 100

55 0.0 72.7 109.1#

98 1.7 36.2 54.4#



Abundance Ion 83.15 (82.85 to 83.85): VU035919.D (-1605) (-)

Ion 55.10 (54.80 to 55.80): VU035919.D (-1605) (-)

Ion 98.15 (97.85 to 98.85): VU035919.D (-1605) (-)

Time-->

6.73

25000

20000

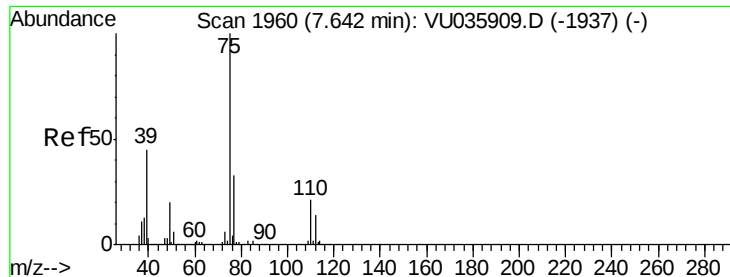
15000

10000

5000

0

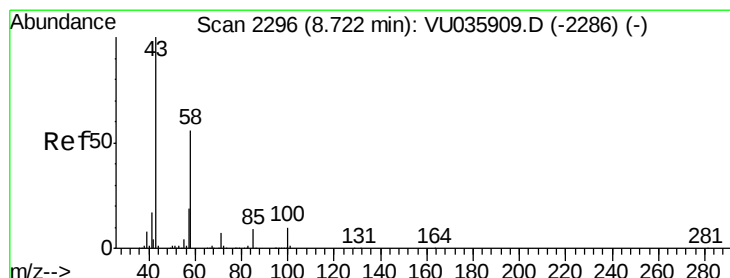
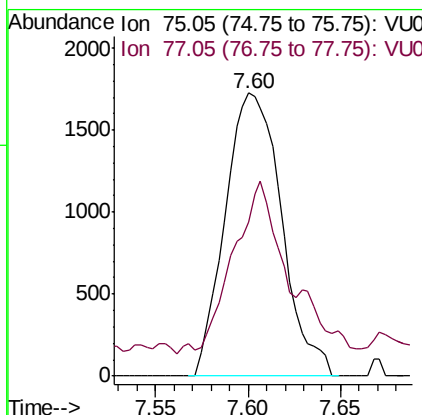
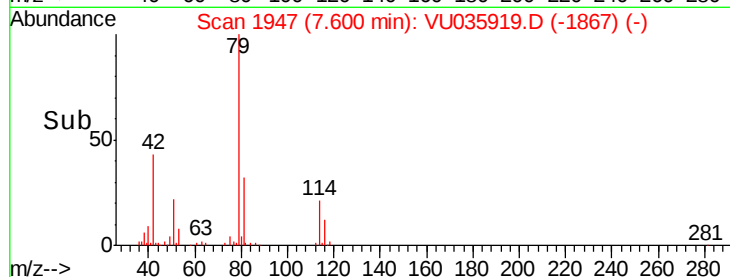
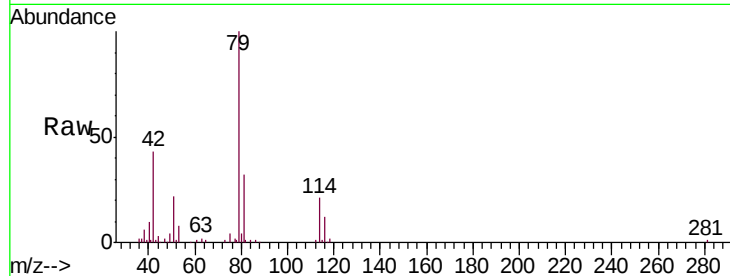
6.65 6.70 6.75 6.80



#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU035919.D
 Acq: 29 Nov 2019 13:45

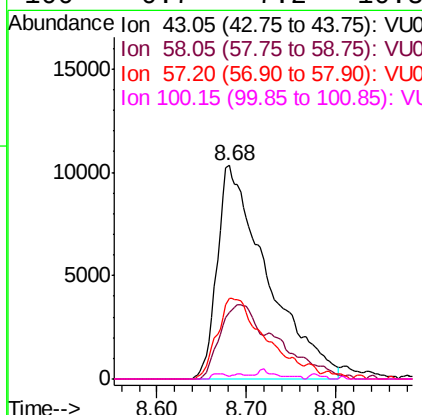
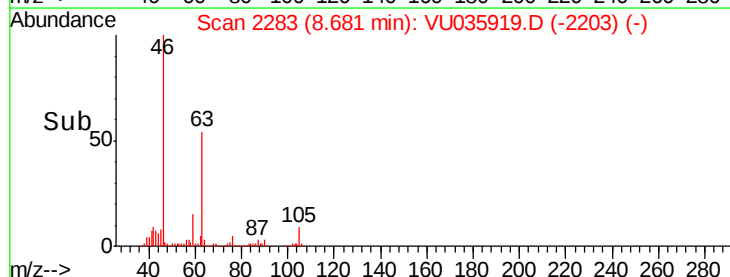
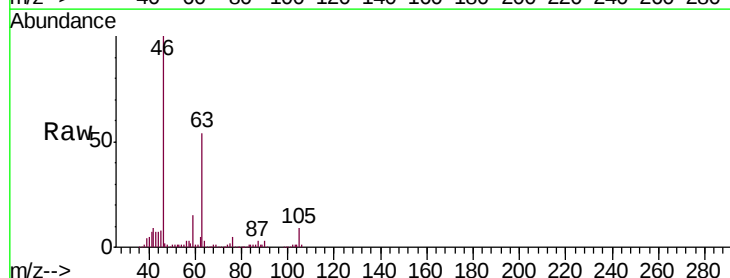
Instrument :
 MSVOA_U
 ClientSampleId :
 B0AE9DL

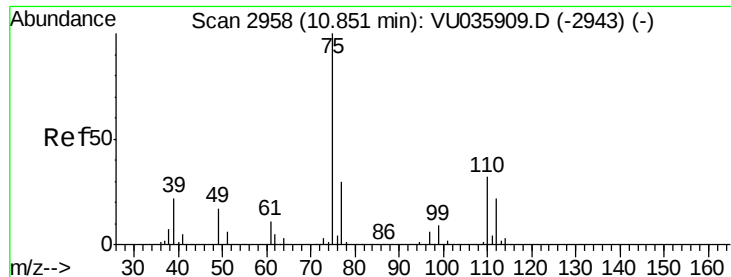
Tgt Ion: 75 Resp: 3649
 Ion Ratio Lower Upper
 75 100
 77 54.3 22.1 41.1#



#48
 2-Hexanone
 Concen: 2.757 ug/L
 RT: 8.68 min Scan# 2283
 Delta R.T. -0.04 min
 Lab File: VU035919.D
 Acq: 29 Nov 2019 13:45

Tgt Ion: 43 Resp: 40233
 Ion Ratio Lower Upper
 43 100
 58 25.5 39.8 59.8#
 57 35.9 14.0 21.0#
 100 0.7 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 0.497 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035919.D

Acq: 29 Nov 2019 13:45

Instrument :

MSVOA_U

ClientSampleId :

B0AE9DL

Tgt Ion: 75 Resp: 10427

Ion Ratio Lower Upper

75 100

77 37.9 25.4 38.2

