

Data File : VU035857.D
Acq On : 26 Nov 2019 14:51
Operator : JC/SP
Sample : K5992-09DL 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARFODL

Quant Time: Nov 27 01:23:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	234957	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	268462	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	103599	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	158547	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.93	69	142947	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.59	63	204864	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.70	46	377013	53.08	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.16%
24) Chloroform-d	5.11	84	252043	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.75	65	142296	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.77	84	484843	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.73	67	173961	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.93	98	398386	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.22	79	57431	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.68	63	282251	52.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.58%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	134888	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	117814	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

					Qvalue
5) Vinyl chloride	1.62	62	154706	3.943 ug/L	97
12) 1,1-Dichloroethene	2.61	96	17333	0.709 ug/L #	1
13) Acetone	2.68	43	9534	1.528 ug/L	97
16) Methylene chloride	3.08	84	2283	0.077 ug/L #	64
18) trans-1,2-Dichloroethene	3.39	96	3720	0.155 ug/L	89
22) cis-1,2-Dichloroethene	4.72	96	219343	8.177 ug/L	100
34) Trichloroethene	6.58	95	844969	30.754 ug/L	98
35) Methylcyclohexane	6.74	83	38141	0.946 ug/L #	13
37) 1,2-Dichloropropane	6.73	63	18167	0.572 ug/L #	90
39) cis-1,3-Dichloropropene	7.60	75	3797	0.092 ug/L #	36
48) 2-Hexanone	8.68	43	35779	2.491 ug/L #	70
59) 1,2,3-Trichloropropane	11.84	75	14314	0.693 ug/L #	86

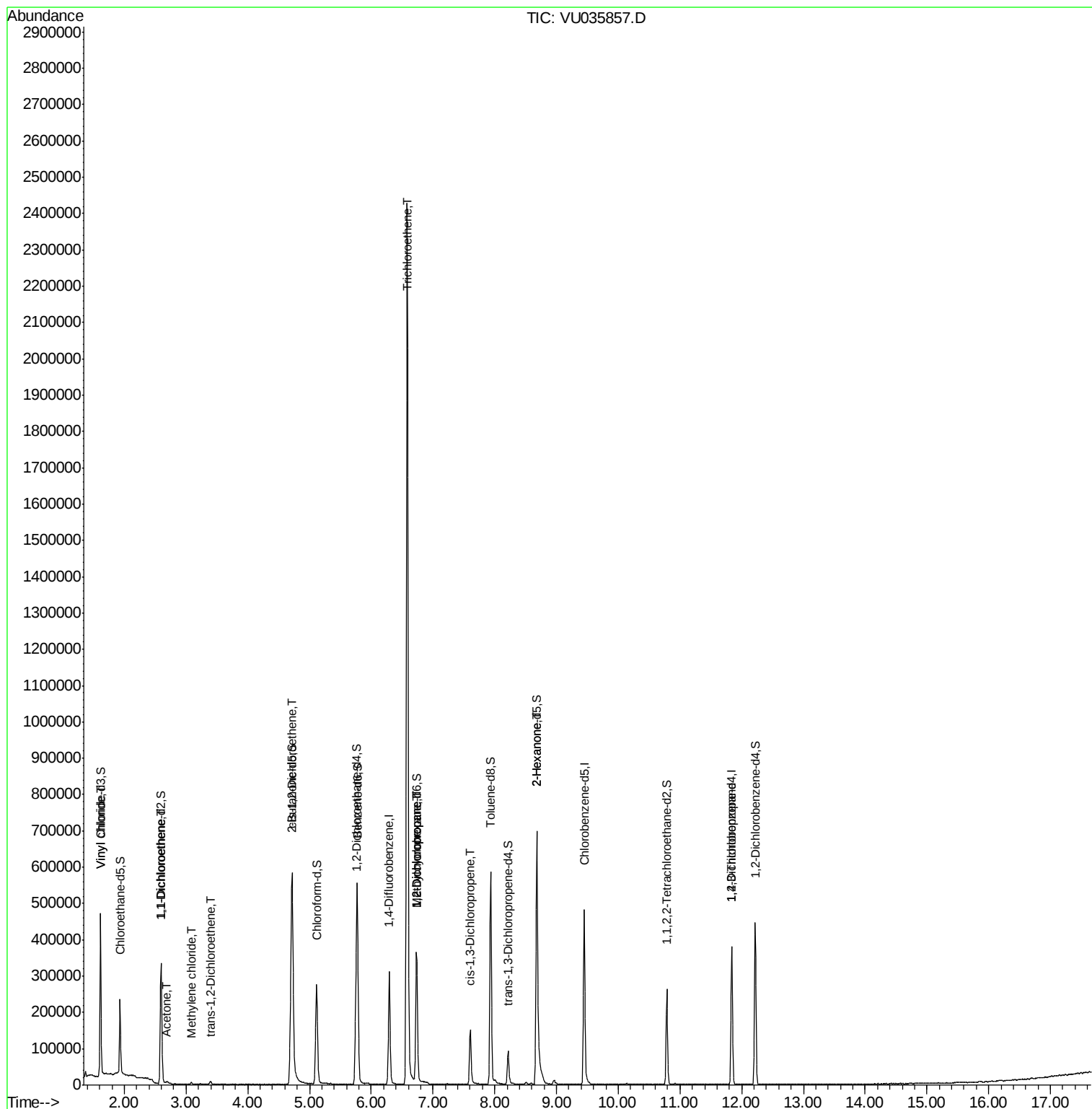
(#) = qualifier out of range (m) = manual integration (+) = signals summed

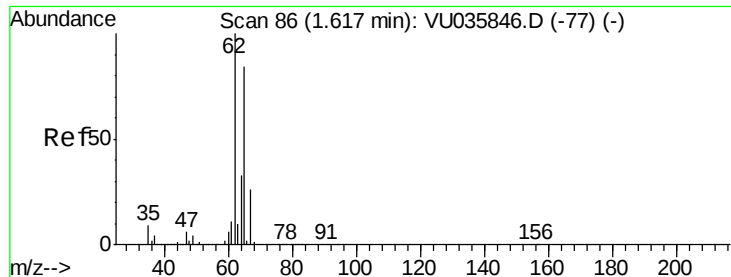
Data File : VU035857.D

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:55 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.943 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU035857.D

Acq: 26 Nov 2019 14:51

Instrument :

MSVOA_U

ClientSampleId :

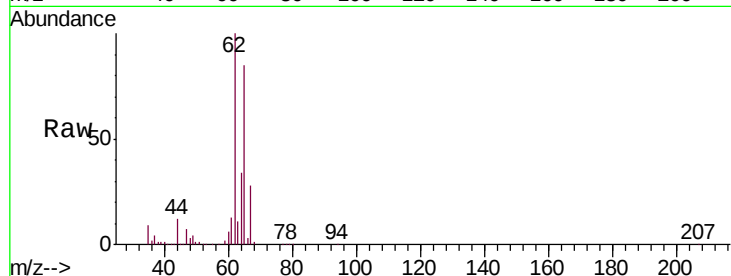
GARF0DL

Tgt Ion: 62 Resp: 154706

Ion Ratio Lower Upper

62 100

64 34.1 22.5 41.9



Abundance Ion 62.00 (61.70 to 62.70): VU035846.D (-77) (-)

Ion 64.10 (63.80 to 64.80): VU035846.D (-77) (-)

1.62

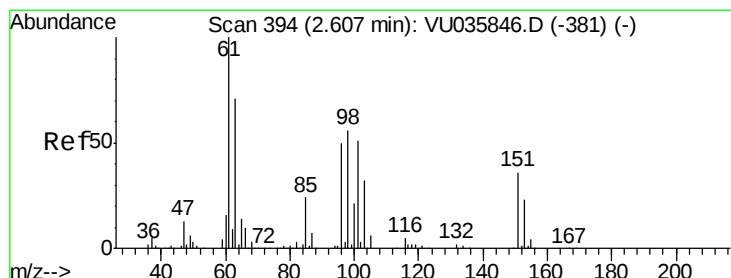
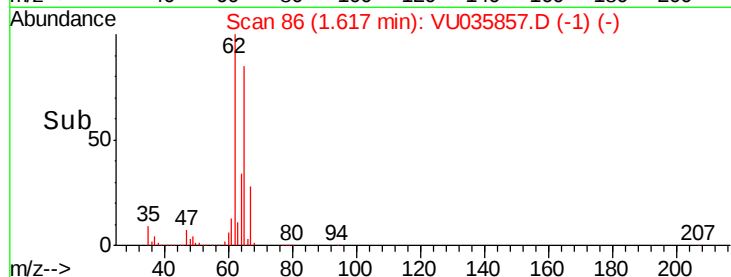
150000

100000

50000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.709 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU035857.D

Acq: 26 Nov 2019 14:51

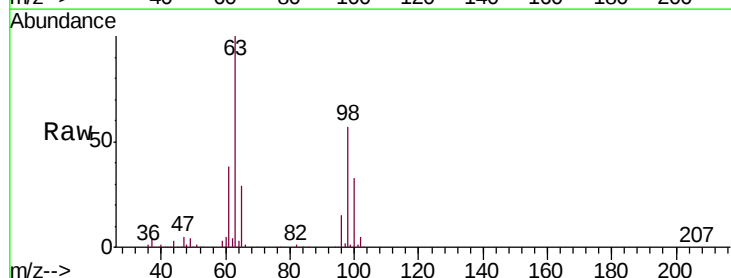
Tgt Ion: 96 Resp: 17333

Ion Ratio Lower Upper

96 100

61 252.2 139.3 258.7

63 656.0 93.7 174.1#



Abundance Ion 96.00 (95.70 to 96.70): VU035846.D (-381) (-)

Ion 61.05 (60.75 to 61.75): VU035846.D (-381) (-)

Ion 63.00 (62.70 to 63.70): VU035846.D (-381) (-)

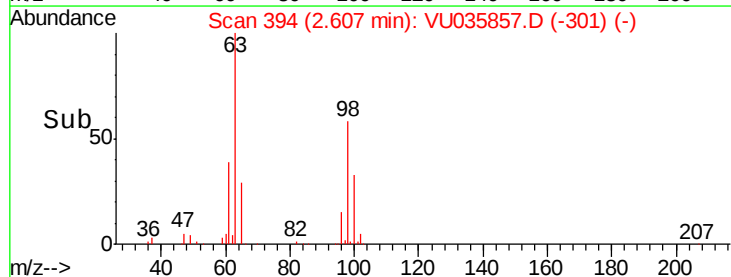
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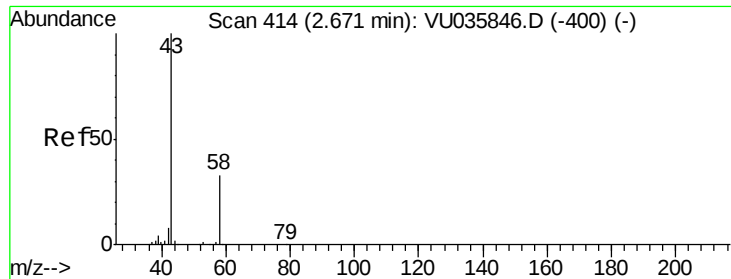
100000

50000

0

Time-->





#13

Acetone

Concen: 1.528 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.01 min

Lab File: VU035857.D

Acq: 26 Nov 2019 14:51

Instrument :

MSVOA_U

ClientSampleId :

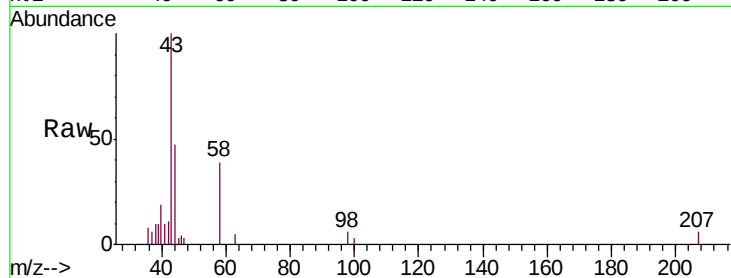
GARFODL

Tgt Ion: 43 Resp: 9534

Ion Ratio Lower Upper

43 100

58 32.0 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035846.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU035846.D (-400) (-)

4000

3000

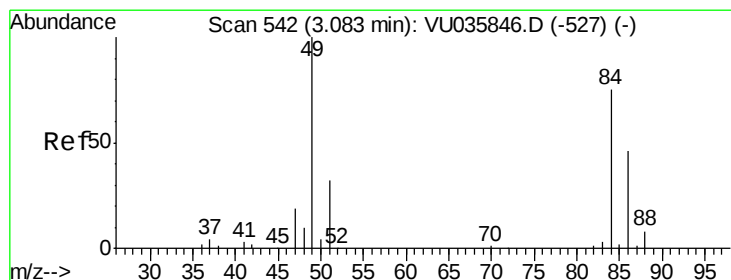
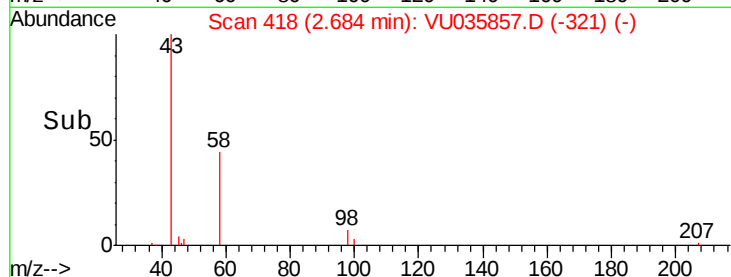
2000

1000

0

2.60 2.65 2.70 2.75 2.80

Time-->



#16

Methylene chloride

Concen: 0.077 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU035857.D

Acq: 26 Nov 2019 14:51

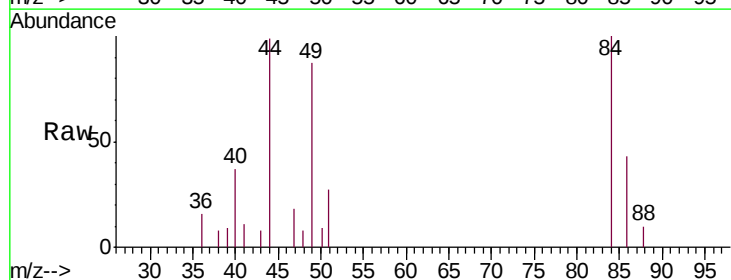
Tgt Ion: 84 Resp: 2283

Ion Ratio Lower Upper

84 100

86 43.1 44.4 82.5#

49 86.8 94.0 174.6#



Abundance Ion 84.05 (83.75 to 84.75): VU035846.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU035846.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU035846.D (-527) (-)

2000

1500

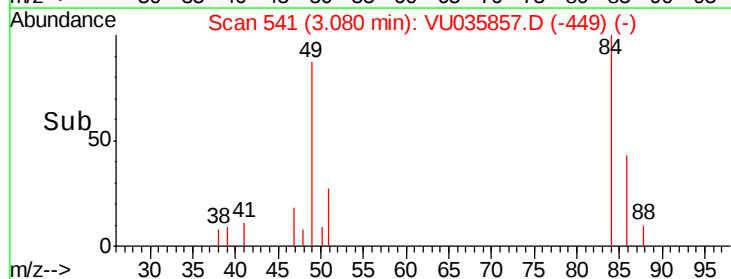
1000

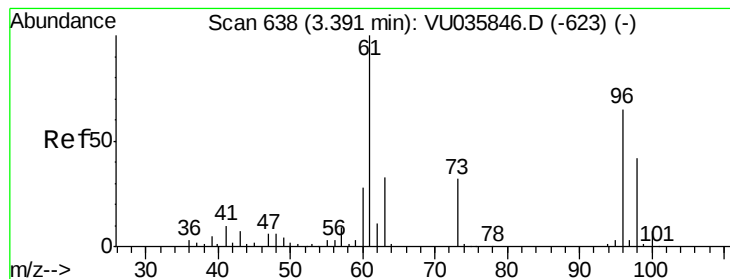
500

0

3.05 3.10

Time-->





#18

trans-1,2-Dichloroethene

Concen: 0.155 ug/L

RT: 3.39 min Scan# 638

Delta R.T. 0.00 min

Lab File: VU035857.D

Acq: 26 Nov 2019 14:51

Instrument :

MSVOA_U

ClientSampleId :

GARF0DL

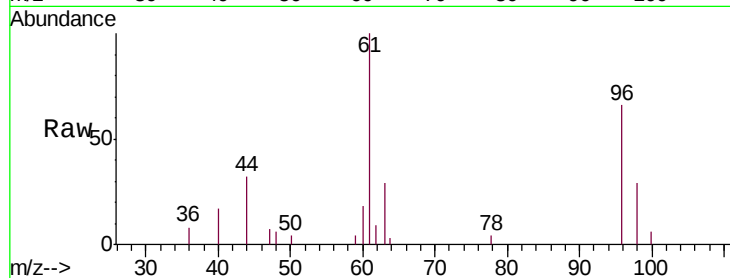
Tgt Ion: 96 Resp: 3720

Ion Ratio Lower Upper

96 100

61 151.6 111.1 206.3

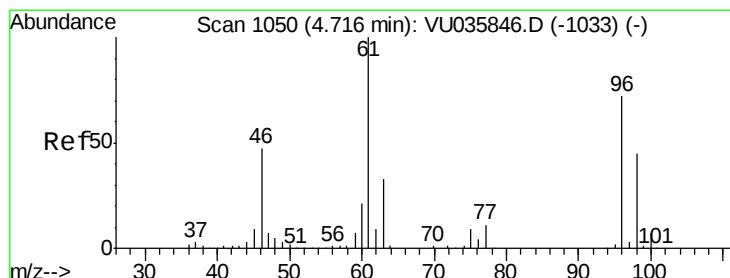
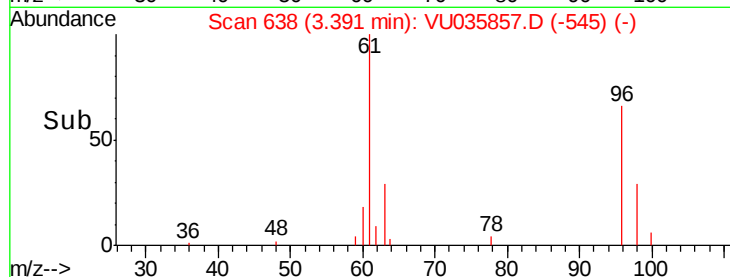
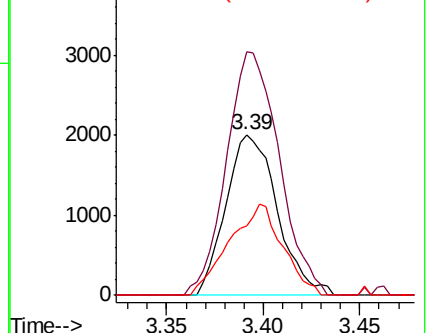
98 43.5 43.1 80.1



Abundance Ion 96.00 (95.70 to 96.70): VU035846.D (-623) (-)

Ion 61.05 (60.75 to 61.75): VU035846.D (-623) (-)

Ion 97.95 (97.65 to 98.65): VU035846.D (-623) (-)



#22

cis-1,2-Dichloroethene

Concen: 8.177 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035857.D

Acq: 26 Nov 2019 14:51

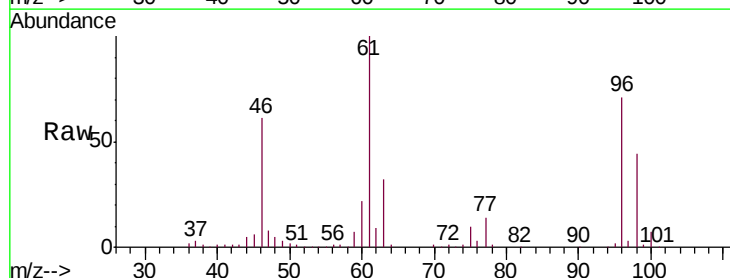
Tgt Ion: 96 Resp: 219343

Ion Ratio Lower Upper

96 100

61 140.6 98.1 182.1

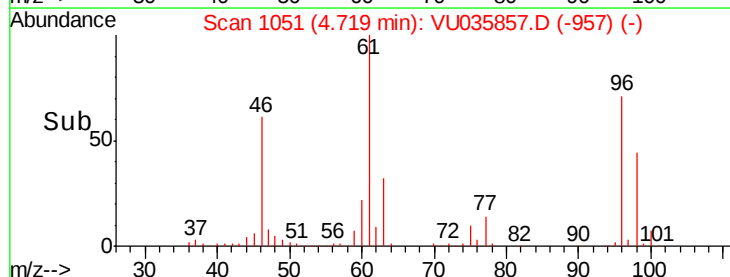
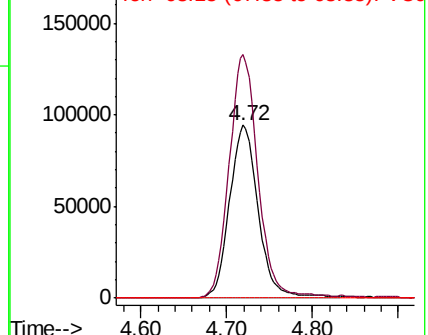
68 0.0 0.0 0.0

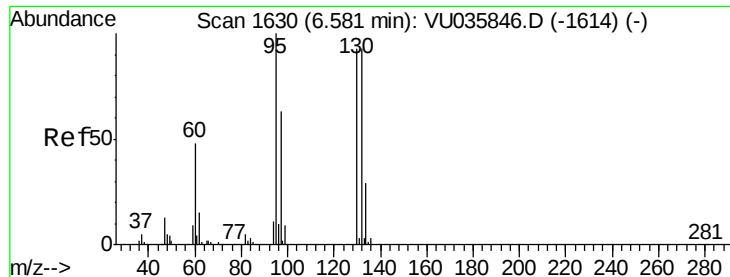


Abundance Ion 96.00 (95.70 to 96.70): VU035846.D (-1033) (-)

Ion 61.05 (60.75 to 61.75): VU035846.D (-1033) (-)

Ion 68.15 (67.85 to 68.85): VU035846.D (-1033) (-)

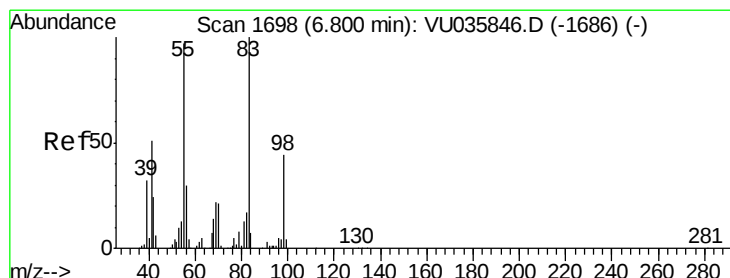
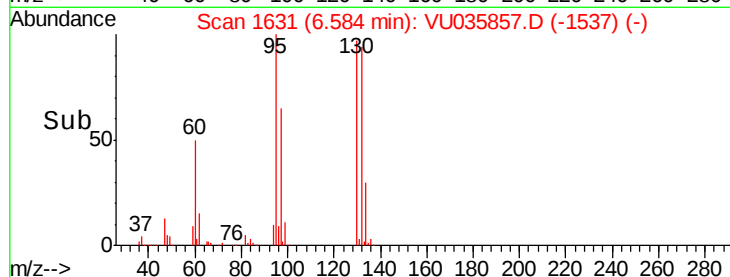
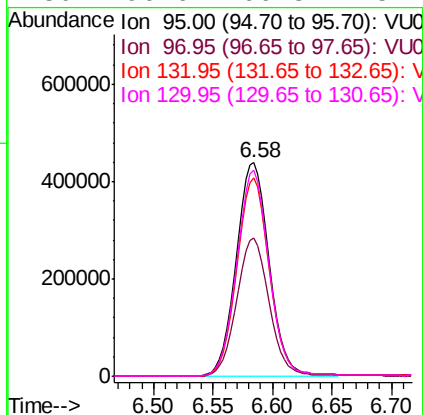
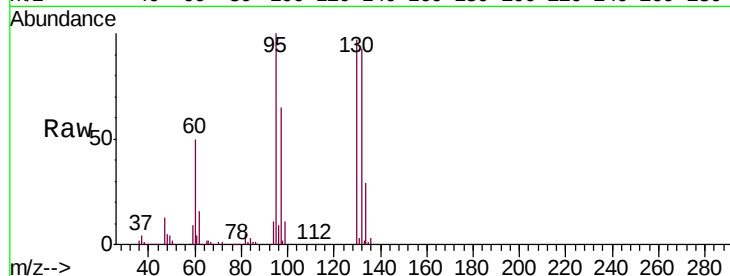




#34
 Trichloroethene
 Concen: 30.754 ug/L
 RT: 6.58 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VU035857.D
 Acq: 26 Nov 2019 14:51

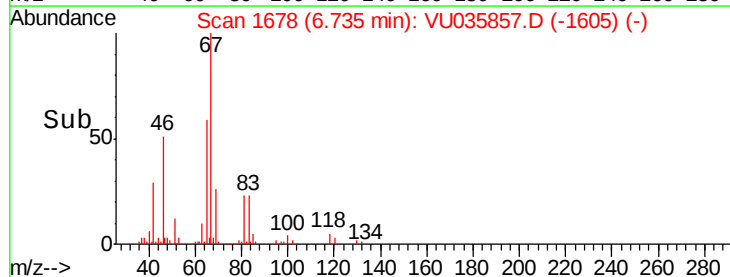
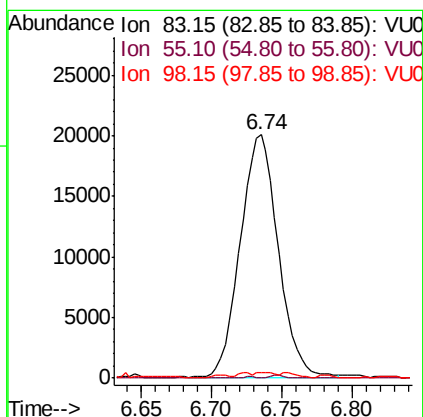
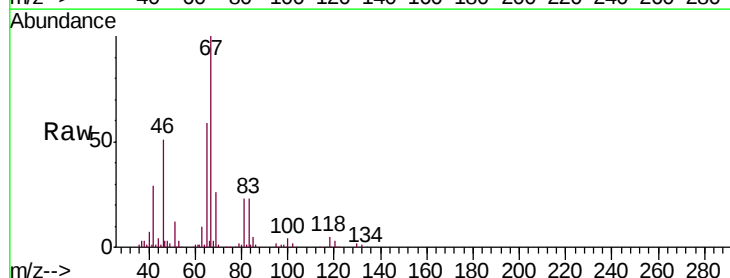
Instrument :
 MSVOA_U
 ClientSampleId :
 GARF0DL

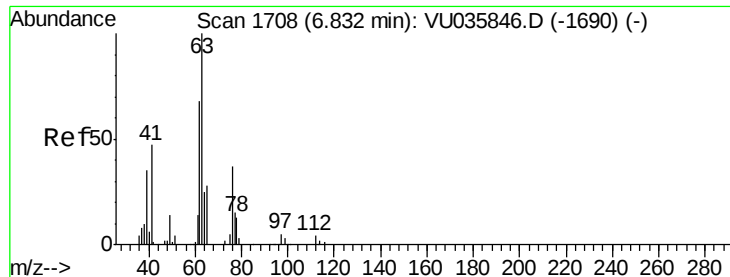
Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.1	83.9
132	92.9	61.9	114.9
130	96.6	66.3	123.1



#35
 Methylcyclohexane
 Concen: 0.946 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.06 min
 Lab File: VU035857.D
 Acq: 26 Nov 2019 14:51

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.1	72.7	109.1#
98	0.0	36.2	54.4#

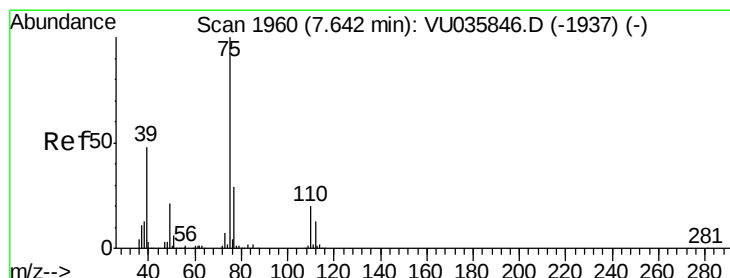
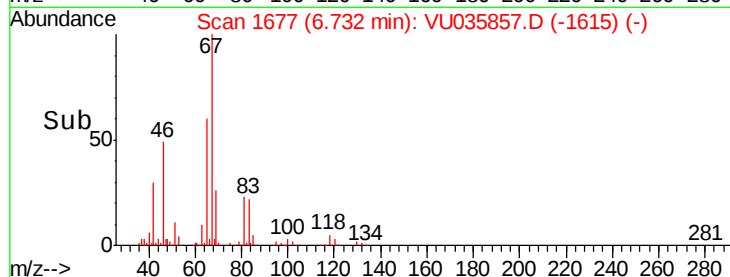
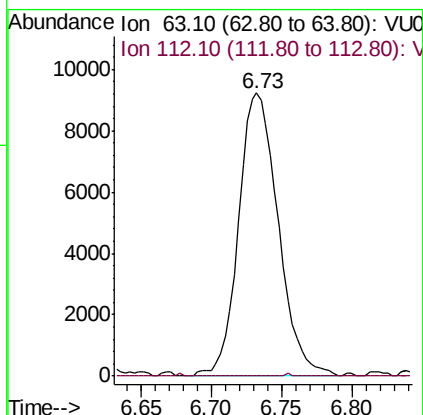
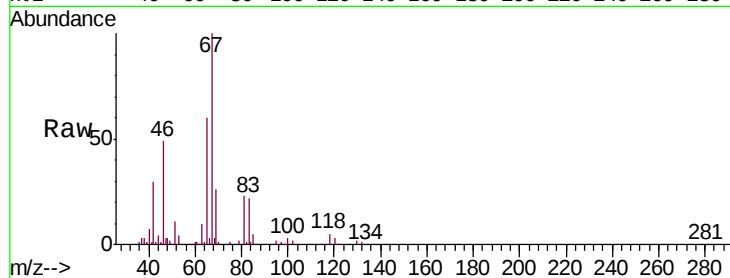




#37
 1,2-Dichloropropane
 Concen: 0.572 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035857.D
 Acq: 26 Nov 2019 14:51

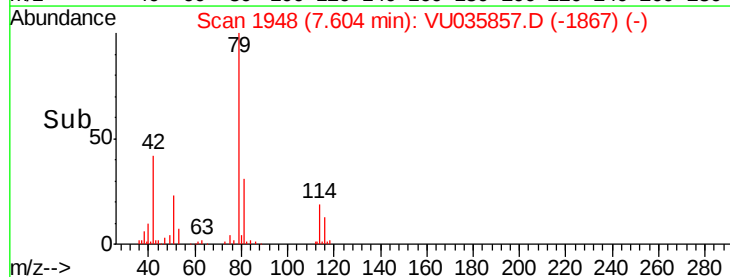
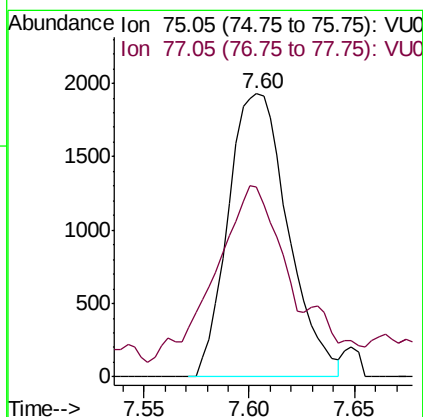
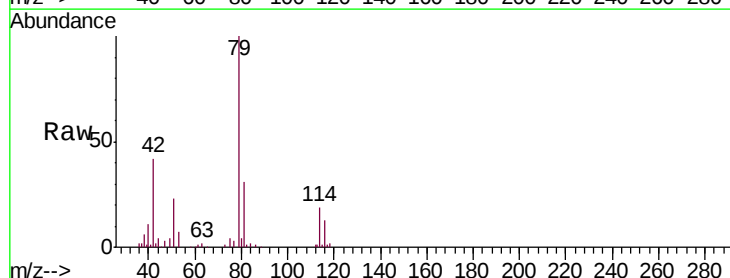
Instrument :
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 ClientSampleId :
 GARF0DL

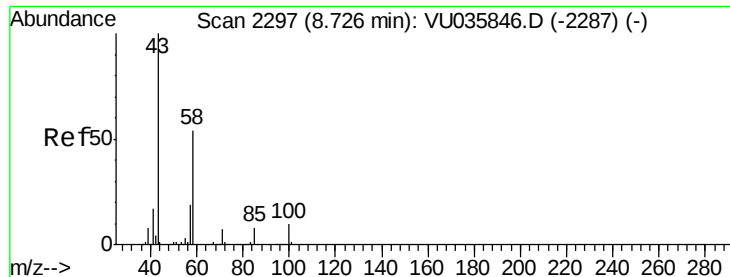
Tgt Ion: 63 Resp: 18167
 Ion Ratio Lower Upper
 63 100
 112 0.1 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035857.D
 Acq: 26 Nov 2019 14:51

Tgt Ion: 75 Resp: 3797
 Ion Ratio Lower Upper
 75 100
 77 67.0 22.1 41.1#

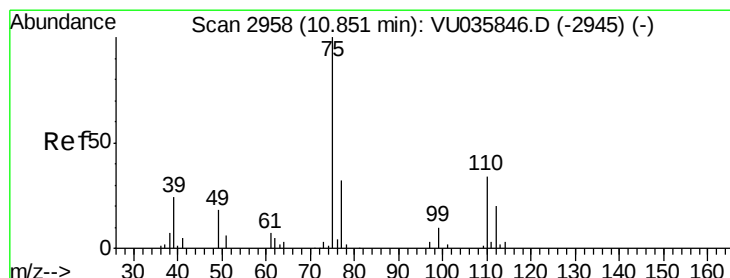
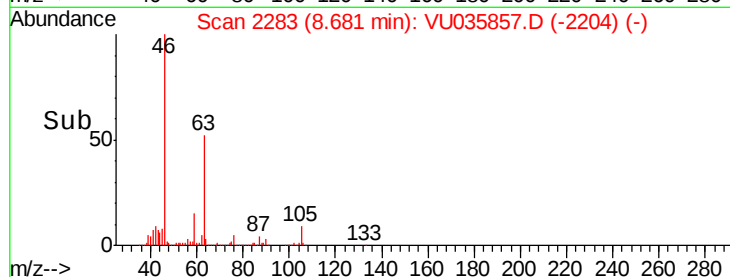
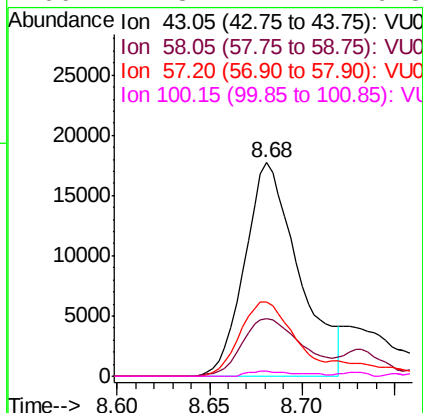
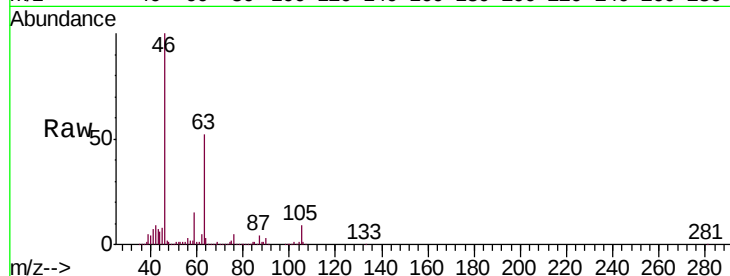




#48
 2-Hexanone
 Concen: 2.491 ug/L
 RT: 8.68 min Scan# 2283
 Delta R.T. -0.04 min
 Lab File: VU035857.D
 Acq: 26 Nov 2019 14:51

Instrument :
 MSVOA_U
 ClientSampled :
 GARF0DL

Tgt Ion: 43 Resp: 35779
 Ion Ratio Lower Upper
 43 100
 58 30.2 39.8 59.8#
 57 35.0 14.0 21.0#
 100 1.8 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 0.693 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU035857.D
 Acq: 26 Nov 2019 14:51

Tgt Ion: 75 Resp: 14314
 Ion Ratio Lower Upper
 75 100
 77 39.4 25.4 38.2#

