

Data File : VU027496.D
Acq On : 08 Oct 2018 13:42
Operator : MD/SY
Sample : J5298-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62X2

Quant Time: Oct 09 04:56:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 04:55:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	195151	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	184305	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86252	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62757	40.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.72%
7) Chloroethane-d5	1.68	69	52431	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.62%
11) 1,1-Dichloroethene-d2	2.27	63	93552	32.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.94%
21) 2-Butanone-d5	4.18	46	136858	110.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.39%
24) Chloroform-d	4.65	84	122375	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
26) 1,2-Dichloroethane-d4	5.31	65	85074	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
32) Benzene-d6	5.34	84	241433	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
36) 1,2-Dichloropropane-d6	6.33	67	88964	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.34%
41) Toluene-d8	7.57	98	207441	43.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.88%
43) trans-1,3-Dichloropropene-	7.85	79	39081	44.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.66%
47) 2-Hexanone-d5	8.31	63	95339	104.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116548	49.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	77494	45.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.84%

Target Compounds

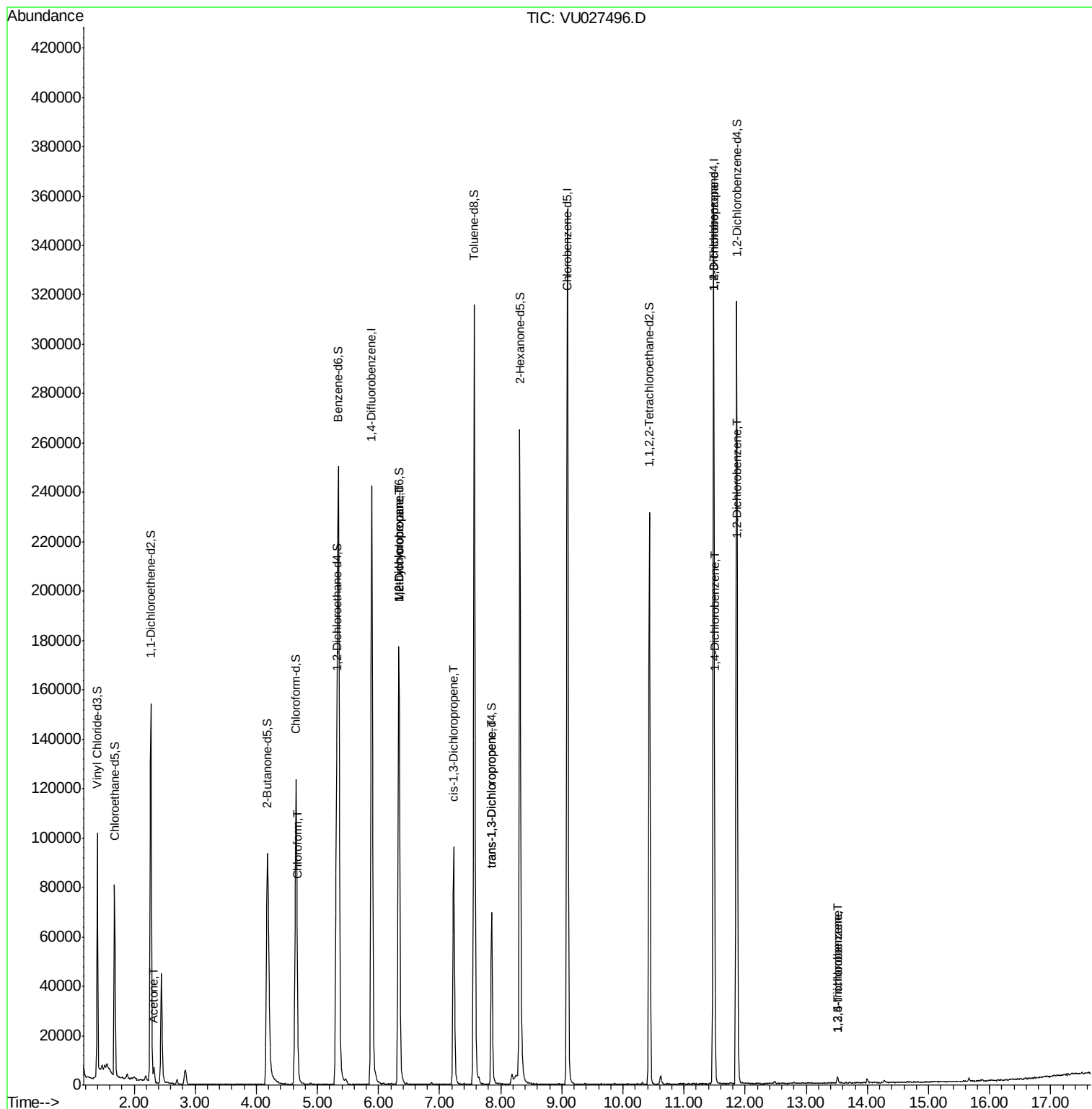
					Qvalue
13) Acetone	2.32	43	4816	4.736	ug/L 99
25) Chloroform	4.68	83	3328	1.195	ug/L 98
35) Methylcyclohexane	6.33	83	19204	7.588	ug/L # 15
37) 1,2-Dichloropropane	6.33	63	9461	5.392	ug/L # 89
39) cis-1,3-Dichloropropene	7.23	75	2199	0.853	ug/L # 60
44) trans-1,3-Dichloropropene	7.85	75	1599	0.668	ug/L 96
59) 1,2,3-Trichloropropane	11.48	75	12433	6.258	ug/L 93
63) 1,4-Dichlorobenzene	11.51	146	1423	0.508	ug/L 94
65) 1,2-Dichlorobenzene	11.88	146	3481	1.274	ug/L # 87
67) 1,3,5-Trichlorobenzene	13.51	180	1205	0.581	ug/L # 65
68) 1,2,4-trichlorobenzene	13.51	180	1205	0.632	ug/L # 60

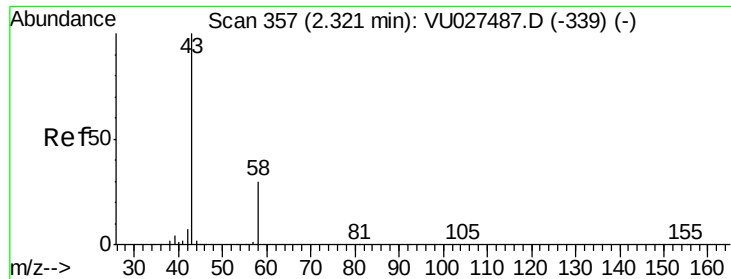
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.736 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027496.D

Acq: 08 Oct 2018 13:42

Instrument :

MSVOA_U

ClientSampled :

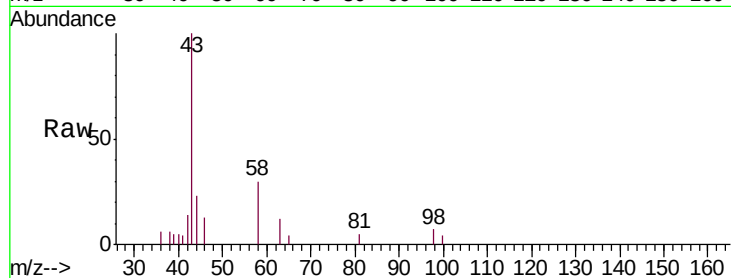
E62X2

Tgt Ion: 43 Resp: 4816

Ion Ratio Lower Upper

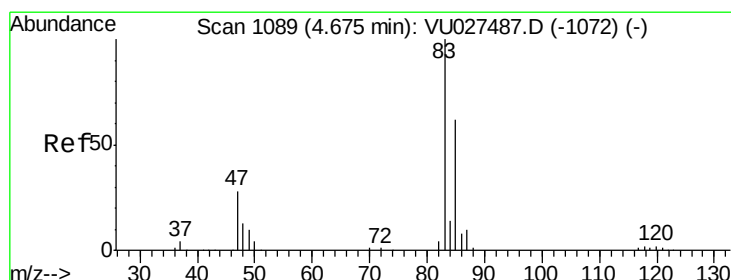
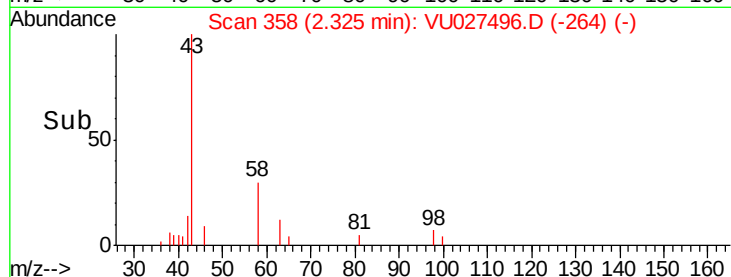
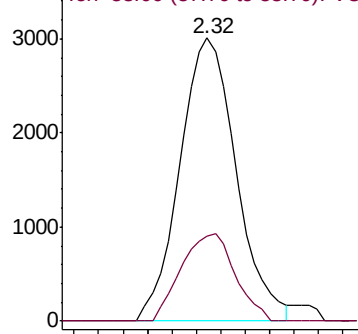
43 100

58 29.6 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#25

Chloroform

Concen: 1.195 ug/L

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

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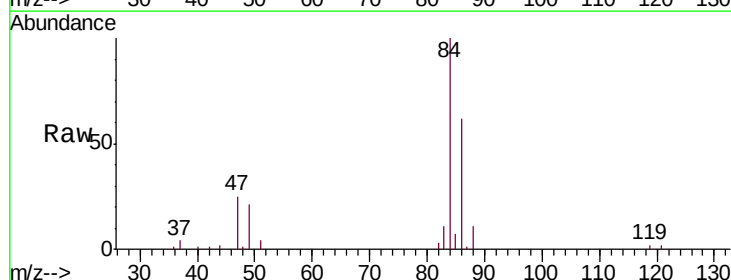
Acq: 08 Oct 2018 13:42

Tgt Ion: 83 Resp: 3328

Ion Ratio Lower Upper

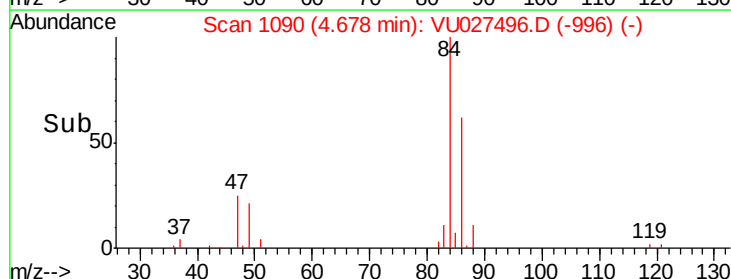
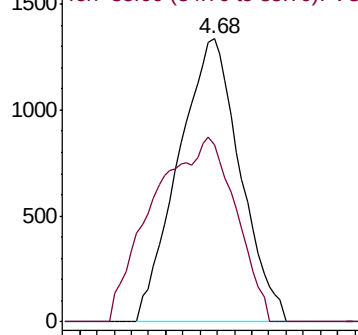
83 100

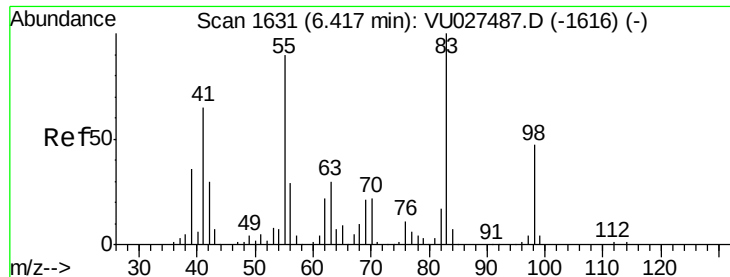
85 62.7 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

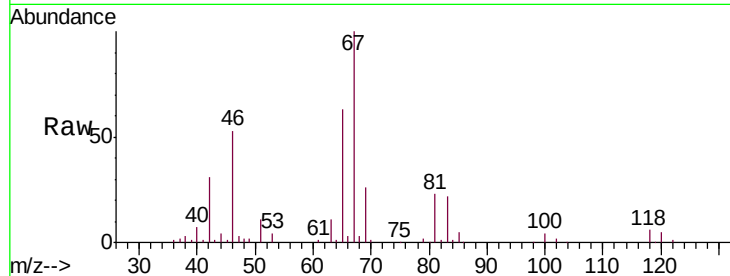




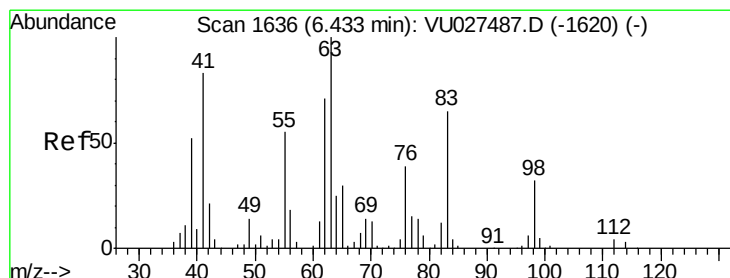
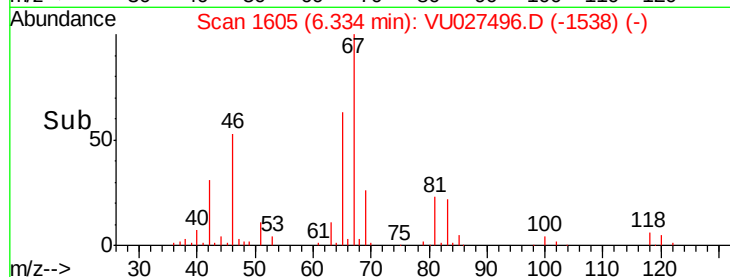
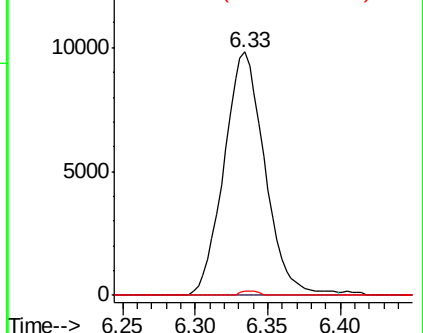
#35
Methylcyclohexane
Concen: 7.588 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027496.D
Acq: 08 Oct 2018 13:42

Instrument :
MSVOA_U
ClientSampleId :
E62X2

Tgt Ion: 83 Resp: 19204
Ion Ratio Lower Upper
83 100
55 0.0 69.9 104.9#
98 0.7 37.1 55.7#

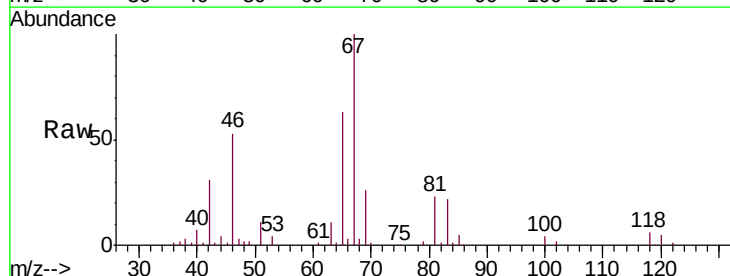


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

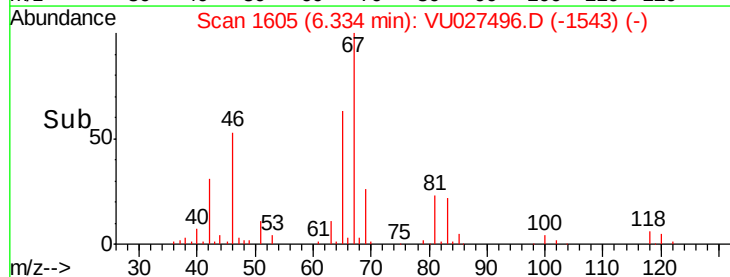
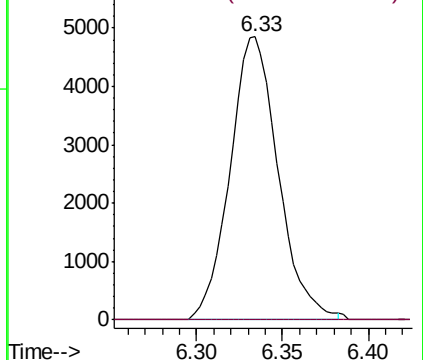


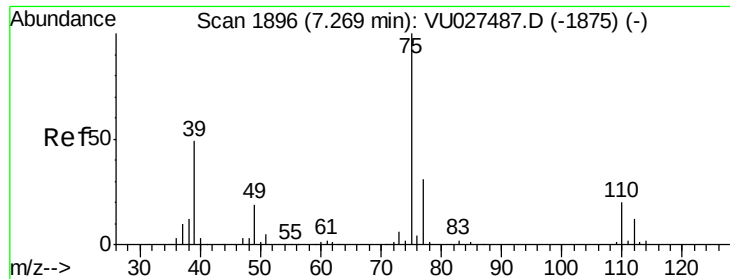
#37
1,2-Dichloropropane
Concen: 5.392 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027496.D
Acq: 08 Oct 2018 13:42

Tgt Ion: 63 Resp: 9461
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V



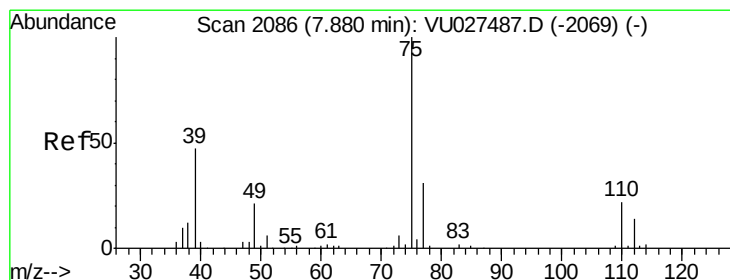
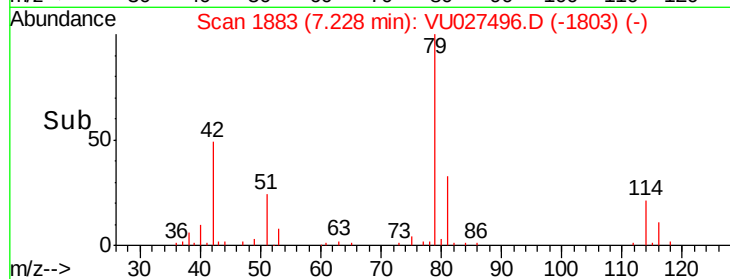
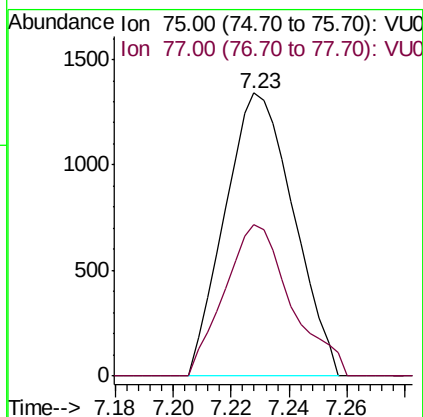
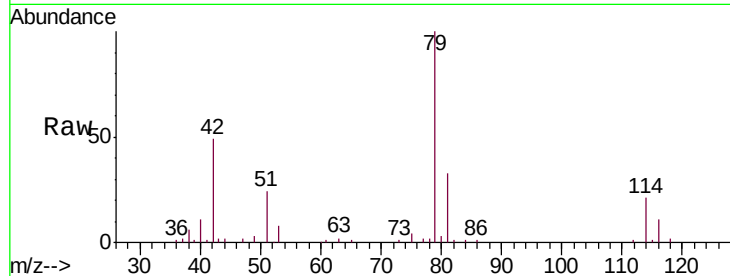


#39

cis-1,3-Dichloropropene
Concen: 0.853 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU027496.D
Acq: 08 Oct 2018 13:42

Instrument :
MSVOA_U
ClientSampleId :
E62X2

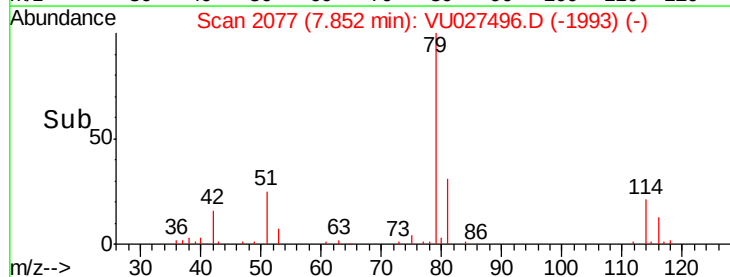
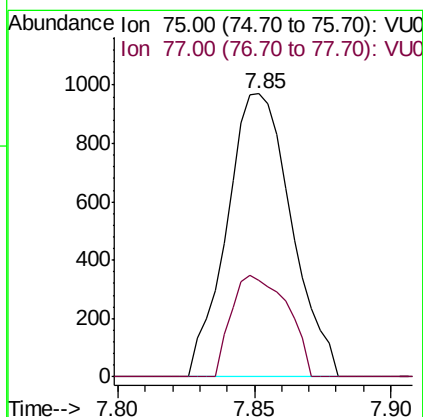
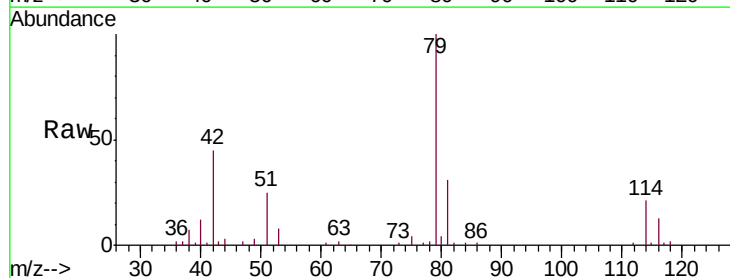
Tgt Ion: 75 Resp: 2199
Ion Ratio Lower Upper
75 100
77 53.5 22.1 41.1#

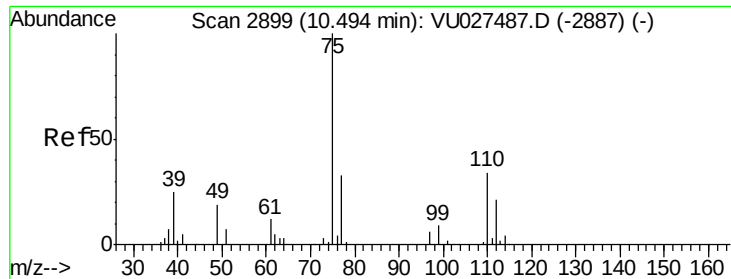


#44

trans-1,3-Dichloropropene
Concen: 0.668 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU027496.D
Acq: 08 Oct 2018 13:42

Tgt Ion: 75 Resp: 1599
Ion Ratio Lower Upper
75 100
77 33.9 22.2 41.2

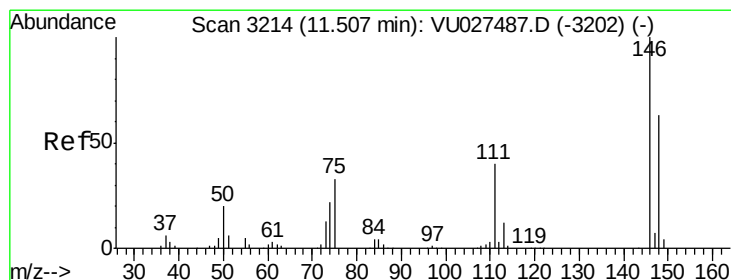
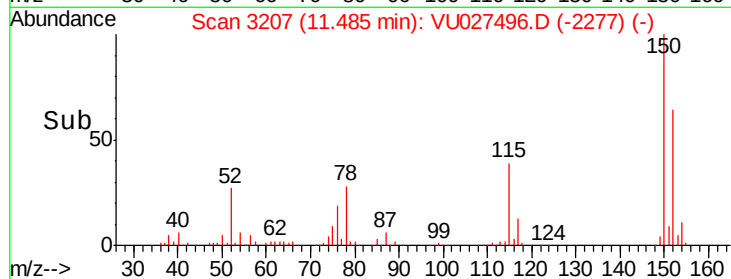
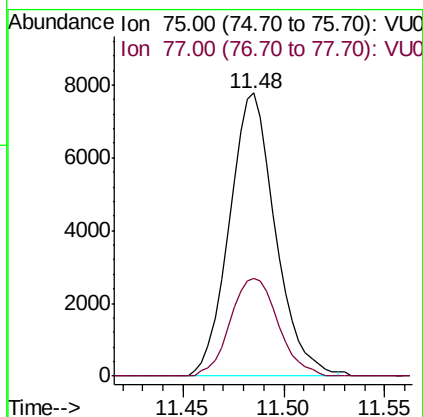
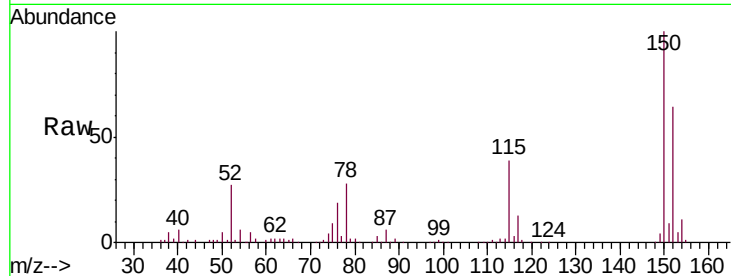




#59
 1,2,3-Trichloropropane
 Concen: 6.258 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027496.D
 Acq: 08 Oct 2018 13:42

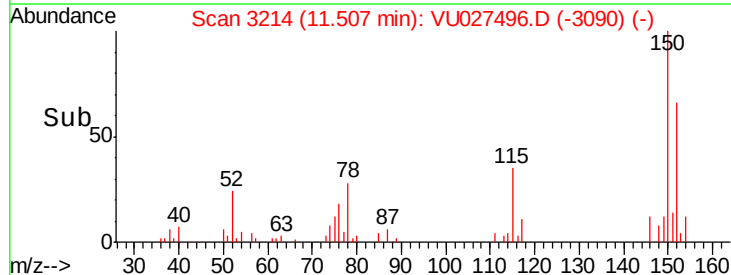
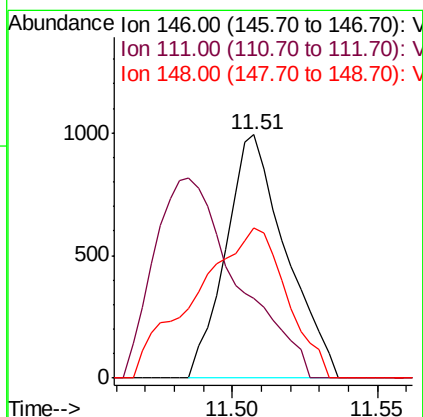
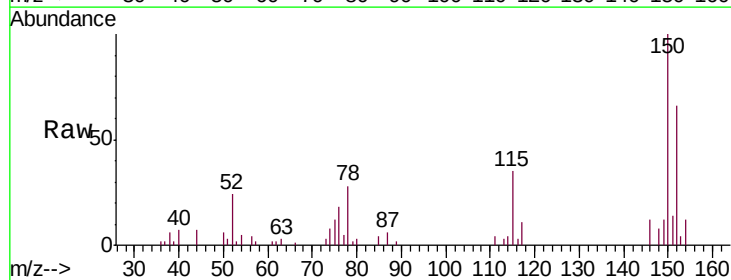
Instrument :
 MSVOA_U
 ClientSampled :
 E62X2

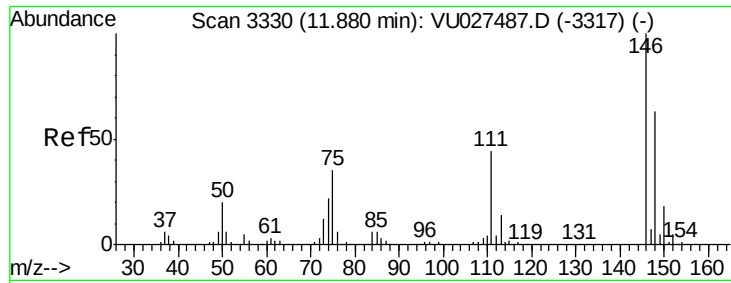
Tgt Ion: 75 Resp: 12433
 Ion Ratio Lower Upper
 75 100
 77 36.0 25.7 38.5



#63
 1,4-Dichlorobenzene
 Concen: 0.508 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027496.D
 Acq: 08 Oct 2018 13:42

Tgt Ion: 146 Resp: 1423
 Ion Ratio Lower Upper
 146 100
 111 32.7 28.1 52.1
 148 61.8 44.4 82.5

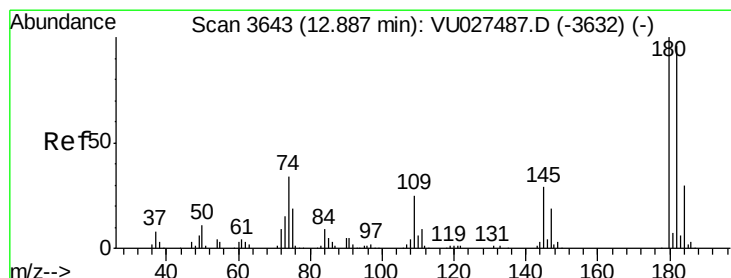
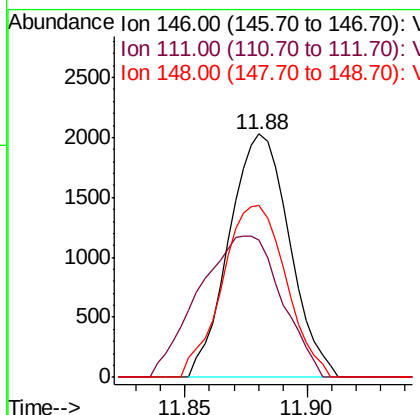
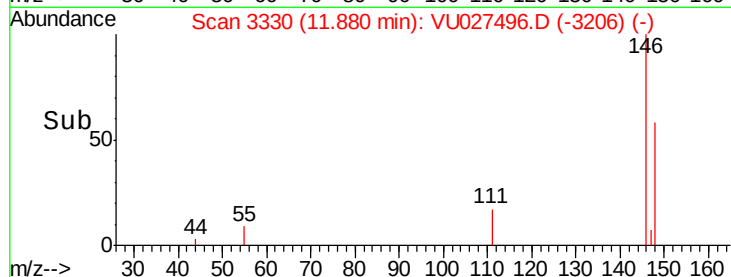
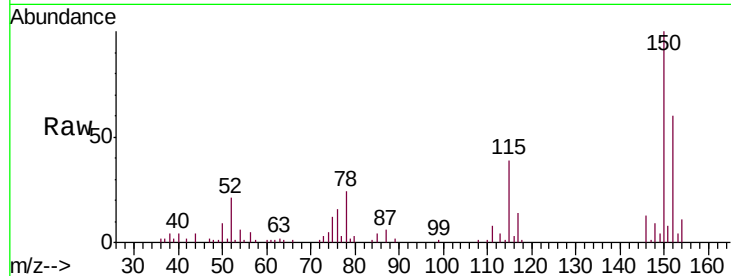




#65
 1,2-Dichlorobenzene
 Concen: 1.274 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027496.D
 Acq: 08 Oct 2018 13:42

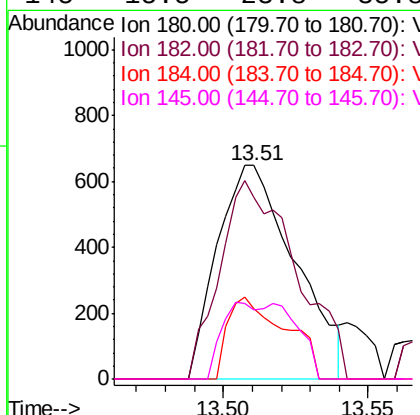
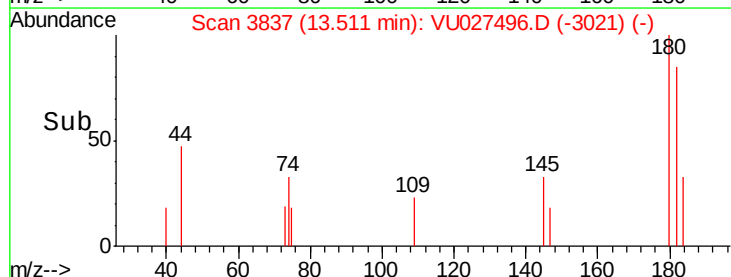
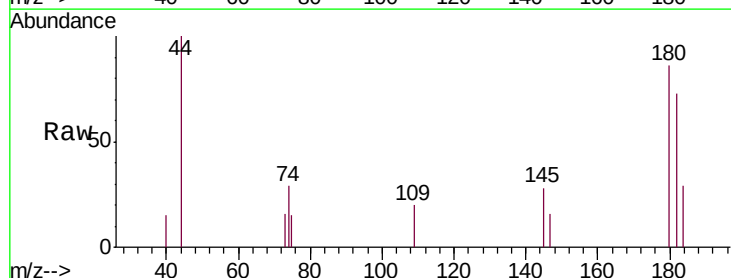
Instrument :
 MSVOA_U
 ClientSampled :
 E62X2

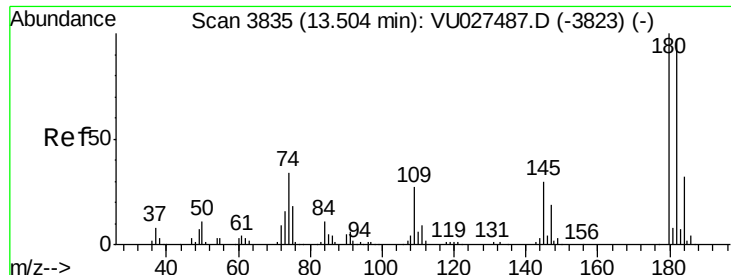
Tgt Ion:146 Resp: 3481
 Ion Ratio Lower Upper
 146 100
 111 56.5 34.9 52.3#
 148 70.5 51.6 77.4



#67
 1,3,5-Trichlorobenzene
 Concen: 0.581 ug/L
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.62 min
 Lab File: VU027496.D
 Acq: 08 Oct 2018 13:42

Tgt Ion:180 Resp: 1205
 Ion Ratio Lower Upper
 180 100
 182 51.9 76.7 115.1#
 184 24.1 24.5 36.7#
 145 15.5 23.8 35.8#





#68

1,2,4-trichlorobenzene

Concen: 0.632 ug/L

RT: 13.51 min Scan# 3837

Delta R.T. 0.01 min

Lab File: VU027496.D

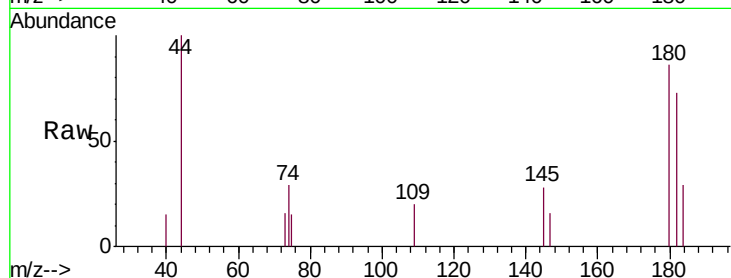
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Instrument :

MSVOA_U

ClientSampleId :

E62X2



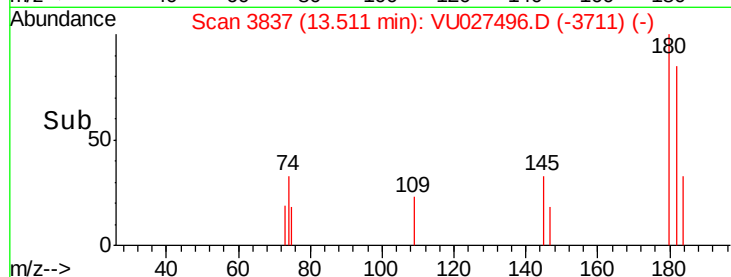
Tgt Ion:180 Resp: 1205

Ion Ratio Lower Upper

180 100

182 51.9 76.3 114.5#

145 15.5 24.2 36.2#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

