

Data File : VU033398.D
Acq On : 25 Jul 2019 10:32
Operator : JC/SP
Sample : K3976-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CC7

Quant Time: Jul 26 04:36:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 04:32:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	263441	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	264595	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	111291	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	80488	40.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.72%
7) Chloroethane-d5	1.67	69	79818	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.70%
11) 1,1-Dichloroethene-d2	2.25	63	121429	33.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.14%
21) 2-Butanone-d5	4.15	46	125464	99.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.29%
24) Chloroform-d	4.62	84	160343	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
26) 1,2-Dichloroethane-d4	5.29	65	107804	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.58%
32) Benzene-d6	5.32	84	305793	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
36) 1,2-Dichloropropane-d6	6.31	67	102284	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.38%
41) Toluene-d8	7.55	98	266767	43.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.16%
43) trans-1,3-Dichloropropene-	7.83	79	44733	43.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.74%
47) 2-Hexanone-d5	8.29	63	88147	94.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.04%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	162155	51.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.06%
64) 1,2-Dichlorobenzene-d4	11.85	152	105379	53.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

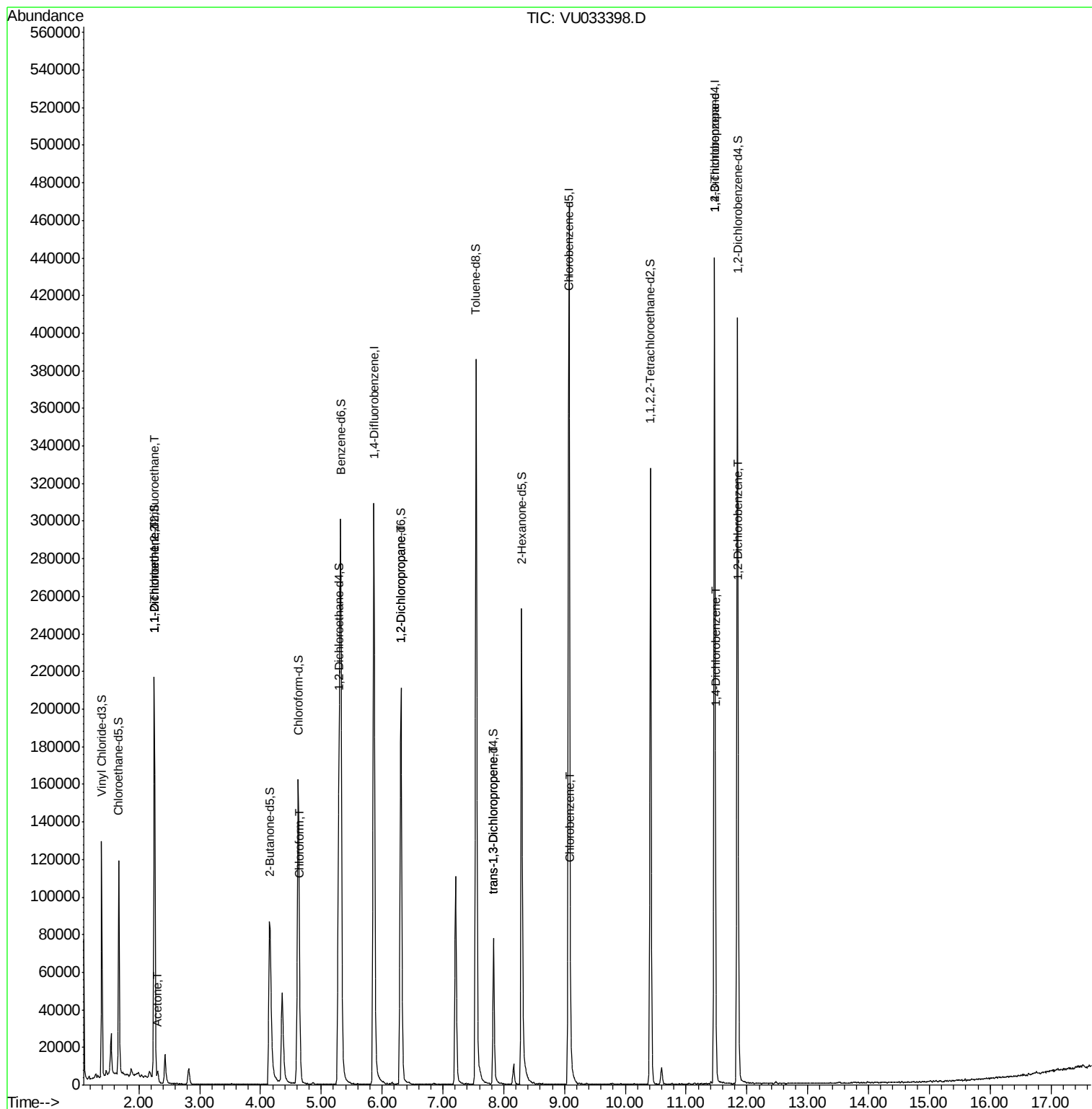
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1163	0.647	ug/L #	21
12) 1,1-Dichloroethene	2.26	96	969	0.551	ug/L #	1
13) Acetone	2.31	43	5029	3.185	ug/L	98
25) Chloroform	4.65	83	4318	1.162	ug/L	97
37) 1,2-Dichloropropane	6.31	63	11271	5.386	ug/L #	88
44) trans-1,3-Dichloropropene	7.84	75	1853	0.640	ug/L	86
51) Chlorobenzene	9.10	112	5448	1.003	ug/L	94
59) 1,2,3-Trichloropropane	11.47	75	14759	5.418	ug/L	94
63) 1,4-Dichlorobenzene	11.49	146	2997	0.837	ug/L	96
65) 1,2-Dichlorobenzene	11.86	146	4010	1.141	ug/L	96

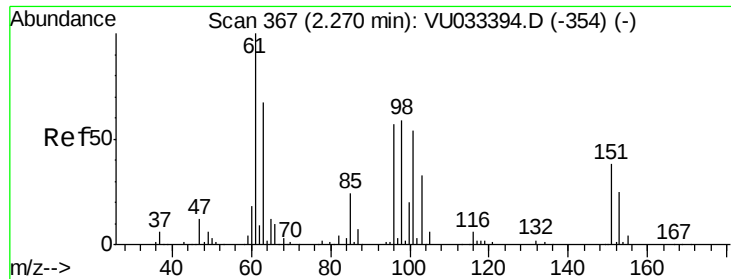
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.647 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

C0CC7

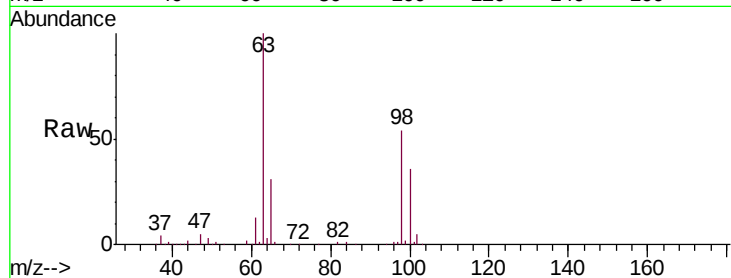
Tgt Ion: 101 Resp: 1163

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

151 0.0 56.7 85.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.25

800

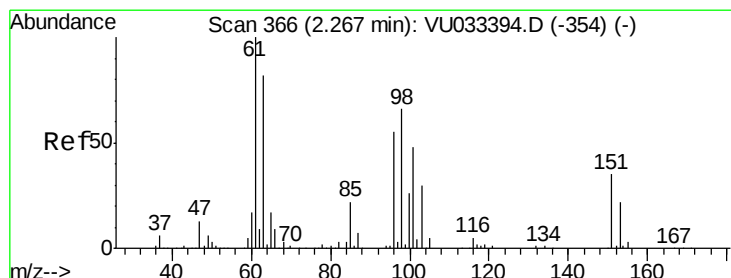
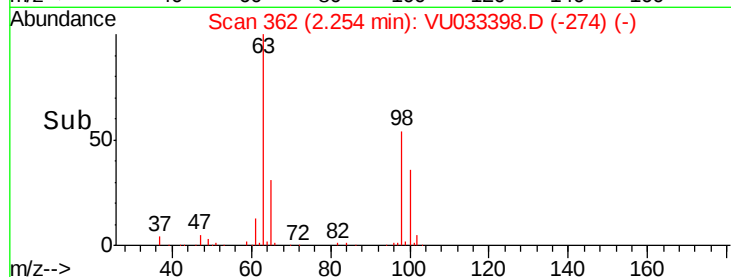
600

400

200

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.551 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033398.D

Acq: 25 Jul 2019 10:32

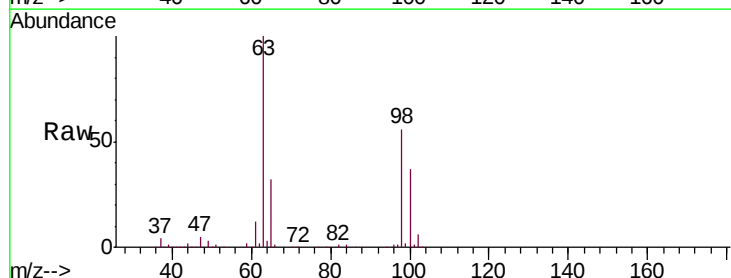
Tgt Ion: 96 Resp: 969

Ion Ratio Lower Upper

96 100

61 1586.4 126.1 234.1#

63 13183.9 96.8 179.8#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

100000

80000

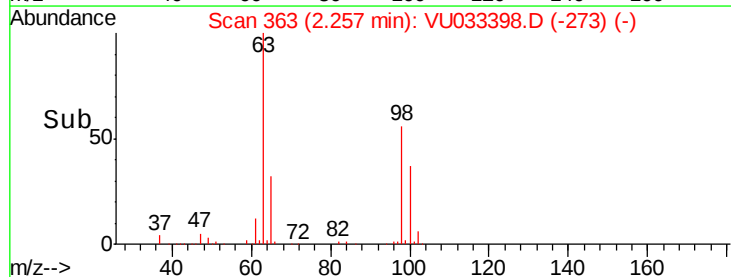
60000

40000

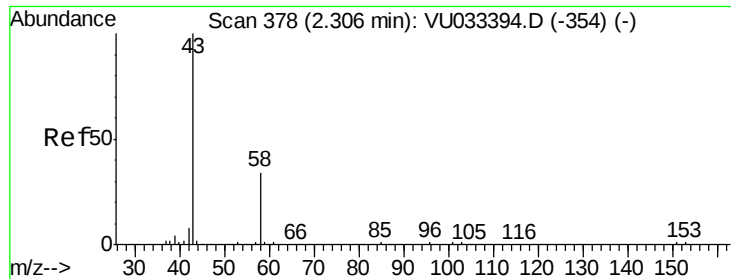
20000

0

Time-->



2.26



#13

Acetone

Concen: 3.185 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU033398.D

Acq: 25 Jul 2019 10:32

Instrument :

MSVOA_U

ClientSampleId :

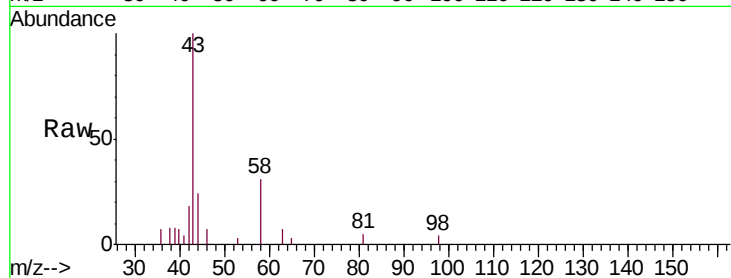
C0CC7

Tgt Ion: 43 Resp: 5029

Ion Ratio Lower Upper

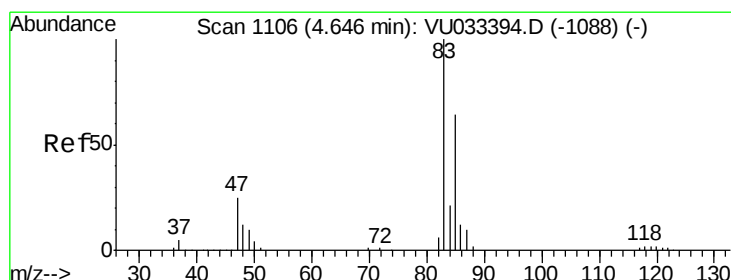
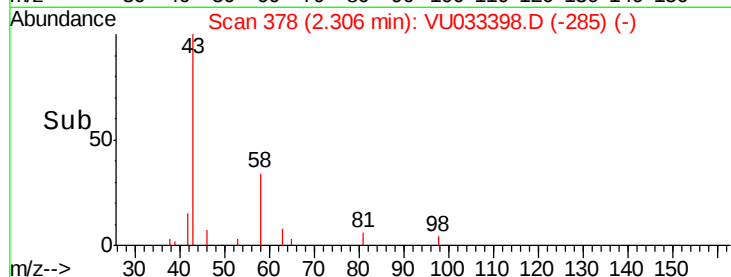
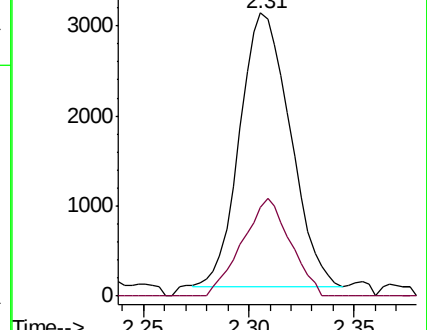
43 100

58 34.0 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033394.D (-354) (-)

Ion 58.00 (57.70 to 58.70): VU033394.D (-354) (-)



#25

Chloroform

Concen: 1.162 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU033398.D

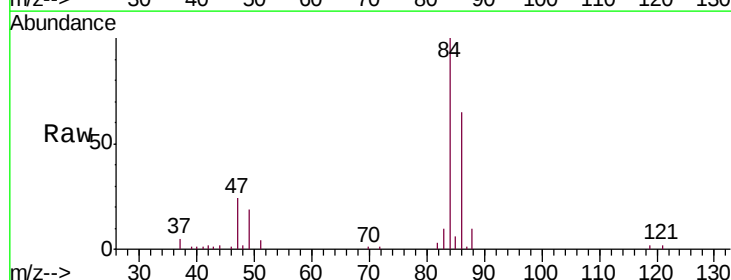
Acq: 25 Jul 2019 10:32

Tgt Ion: 83 Resp: 4318

Ion Ratio Lower Upper

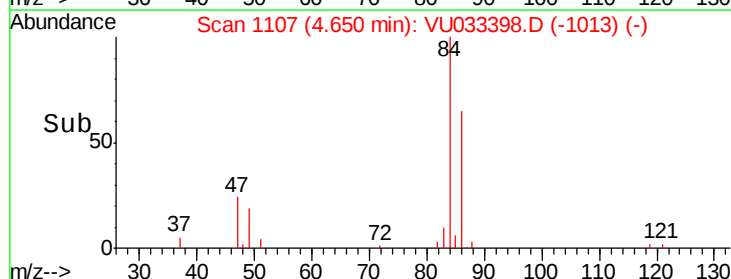
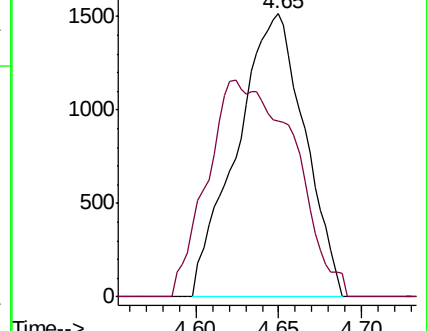
83 100

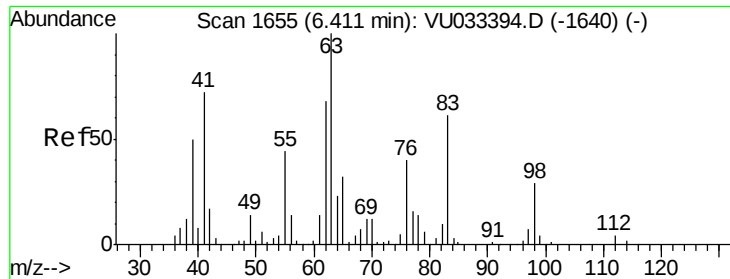
85 62.3 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU033394.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU033394.D (-1088) (-)

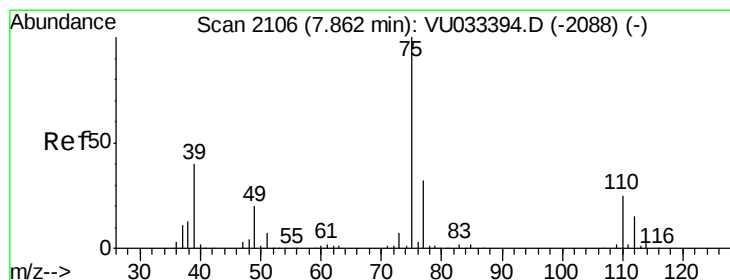
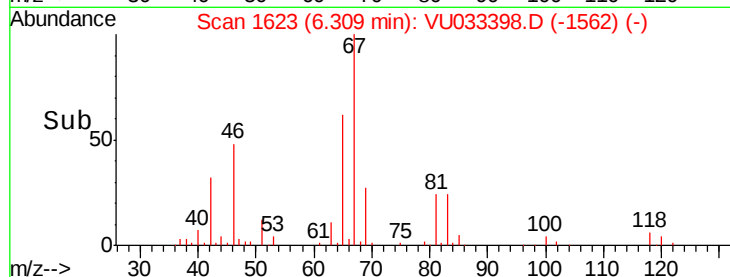
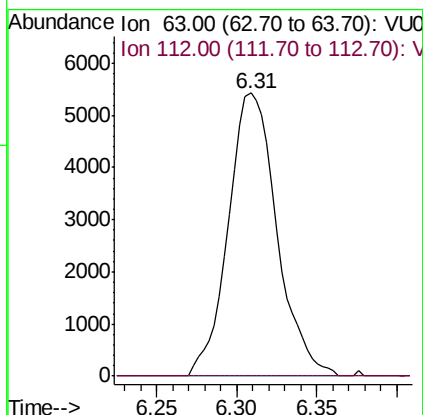
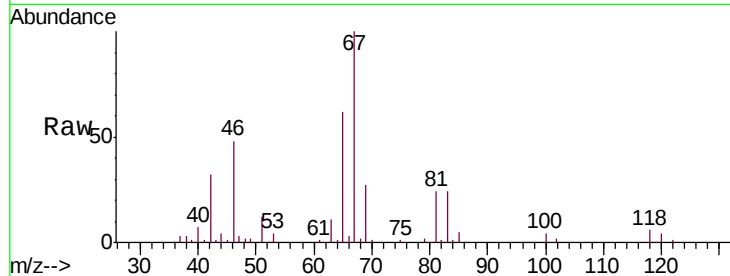




#37
 1,2-Dichloropropane
 Concen: 5.386 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033398.D
 Acq: 25 Jul 2019 10:32

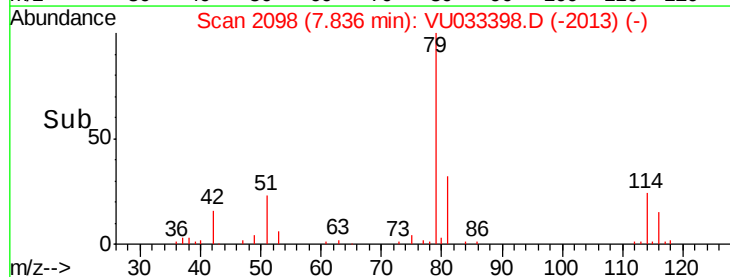
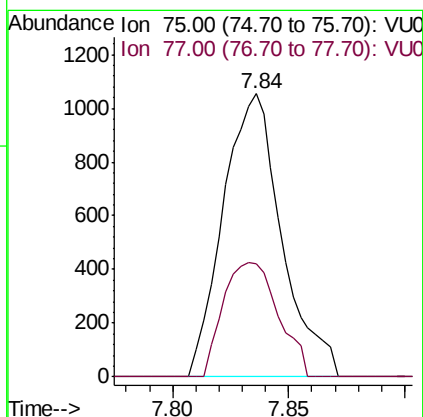
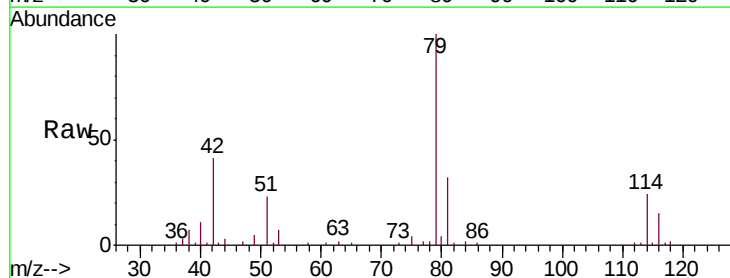
Instrument :
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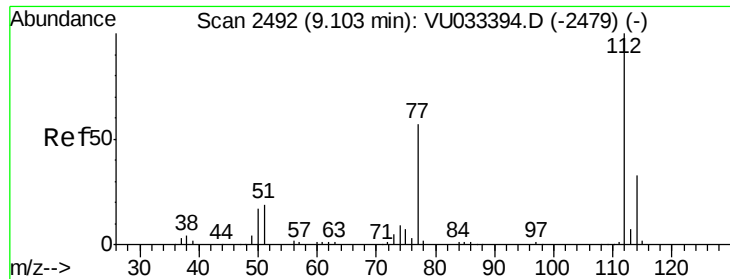
Tgt Ion: 63 Resp: 11271
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.640 ug/L
 RT: 7.84 min Scan# 2098
 Delta R.T. -0.03 min
 Lab File: VU033398.D
 Acq: 25 Jul 2019 10:32

Tgt Ion: 75 Resp: 1853
 Ion Ratio Lower Upper
 75 100
 77 39.9 22.4 41.6





#51

Chlorobenzene

Concen: 1.003 ug/L

RT: 9.10 min Scan# 2492

Delta R.T. 0.00 min

Lab File: VU033398.D

Acq: 25 Jul 2019 10:32

Instrument :

MSVOA_U

ClientSampleId :

C0CC7

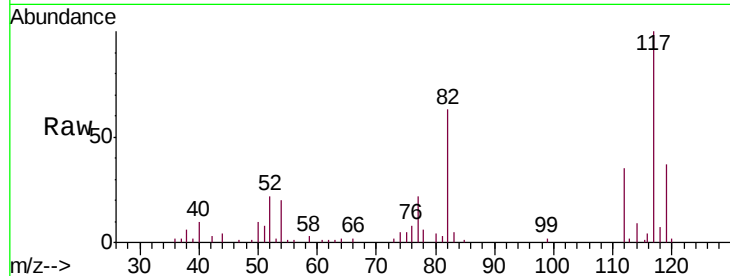
Tgt Ion:112 Resp: 5448

Ion Ratio Lower Upper

112 100

114 27.1 22.3 41.3

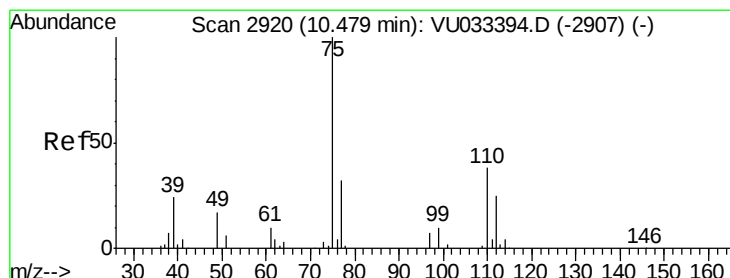
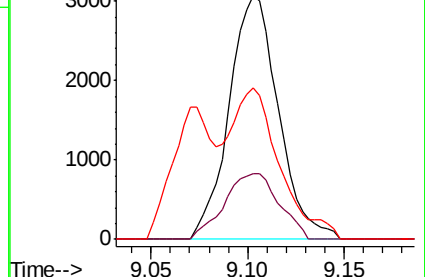
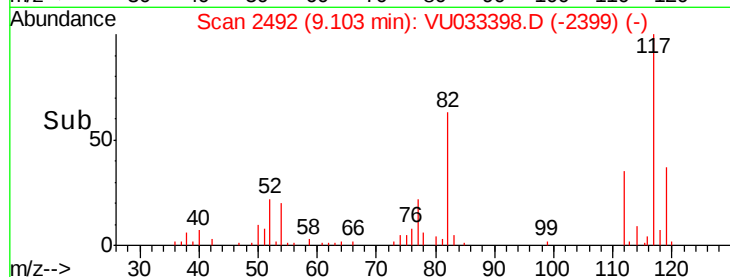
77 62.1 47.2 70.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#59

1,2,3-Trichloropropane

Concen: 5.418 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033398.D

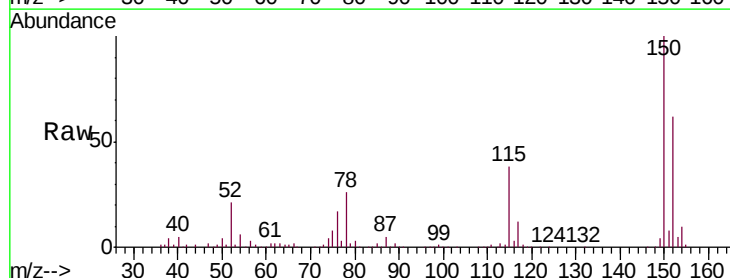
Acq: 25 Jul 2019 10:32

Tgt Ion: 75 Resp: 14759

Ion Ratio Lower Upper

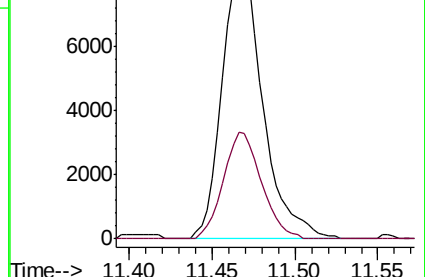
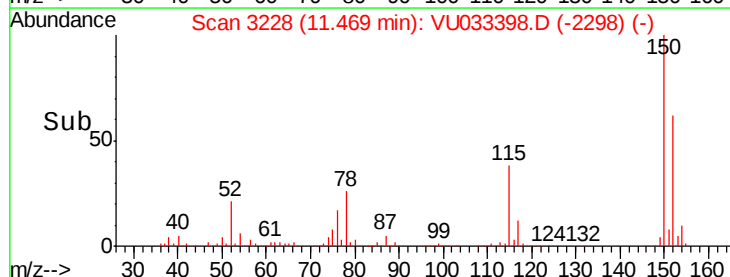
75 100

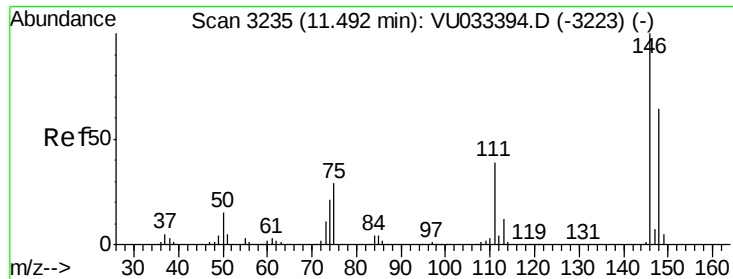
77 35.8 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 77.00 (76.70 to 77.70): V

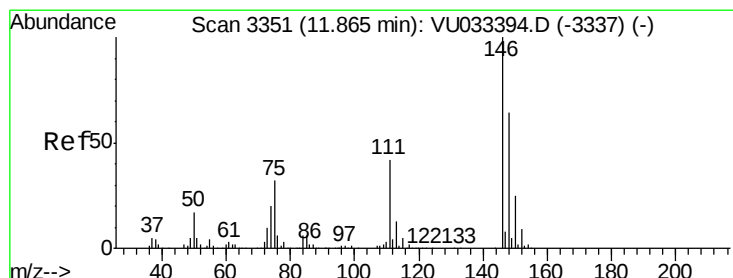
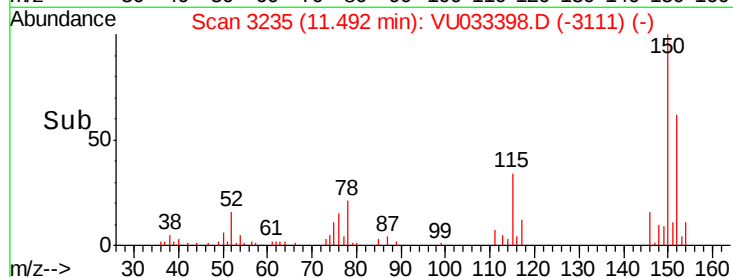
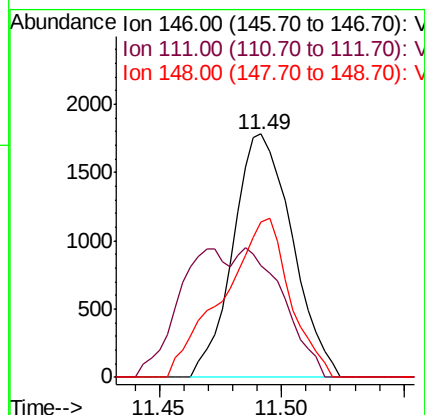
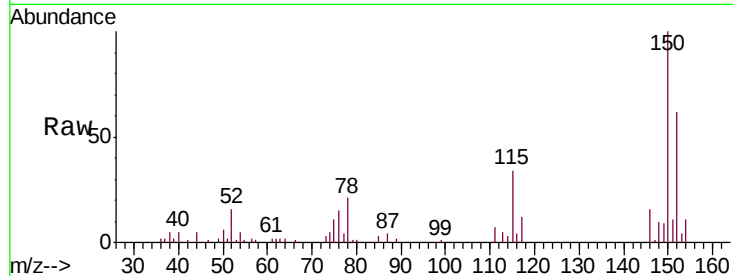




#63
 1,4-Dichlorobenzene
 Concen: 0.837 ug/L
 RT: 11.49 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU033398.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 C0CC7

Tgt Ion:146 Resp: 2997
 Ion Ratio Lower Upper
 146 100
 111 45.7 27.8 51.6
 148 63.8 44.6 82.8



#65
 1,2-Dichlorobenzene
 Concen: 1.141 ug/L
 RT: 11.86 min Scan# 3351
 Delta R.T. 0.00 min
 Lab File: VU033398.D
 Acq: 25 Jul 2019 10:32

Tgt Ion:146 Resp: 4010
 Ion Ratio Lower Upper
 146 100
 111 48.0 34.3 51.5
 148 63.5 51.5 77.3

