

Data File : VU032798.D
Acq On : 17 Jun 2019 21:16
Operator : JC/SP
Sample : K3324-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JR9

Quant Time: Jun 18 02:45:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	225974	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	223561	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111689	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60666	39.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.56%
7) Chloroethane-d5	1.68	69	54099	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.84%
11) 1,1-Dichloroethene-d2	2.27	63	95758	30.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.56%
21) 2-Butanone-d5	4.17	46	146483	113.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.96%
24) Chloroform-d	4.64	84	134029	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
26) 1,2-Dichloroethane-d4	5.30	65	93286	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
32) Benzene-d6	5.33	84	259216	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.96%
36) 1,2-Dichloropropane-d6	6.32	67	86711	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.42%
41) Toluene-d8	7.56	98	236505	43.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.66%
43) trans-1,3-Dichloropropene-	7.85	79	40881	42.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.66%
47) 2-Hexanone-d5	8.31	63	106833	123.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.24%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	133823	46.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.26%
64) 1,2-Dichlorobenzene-d4	11.85	152	101494	46.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.92%

Target Compounds

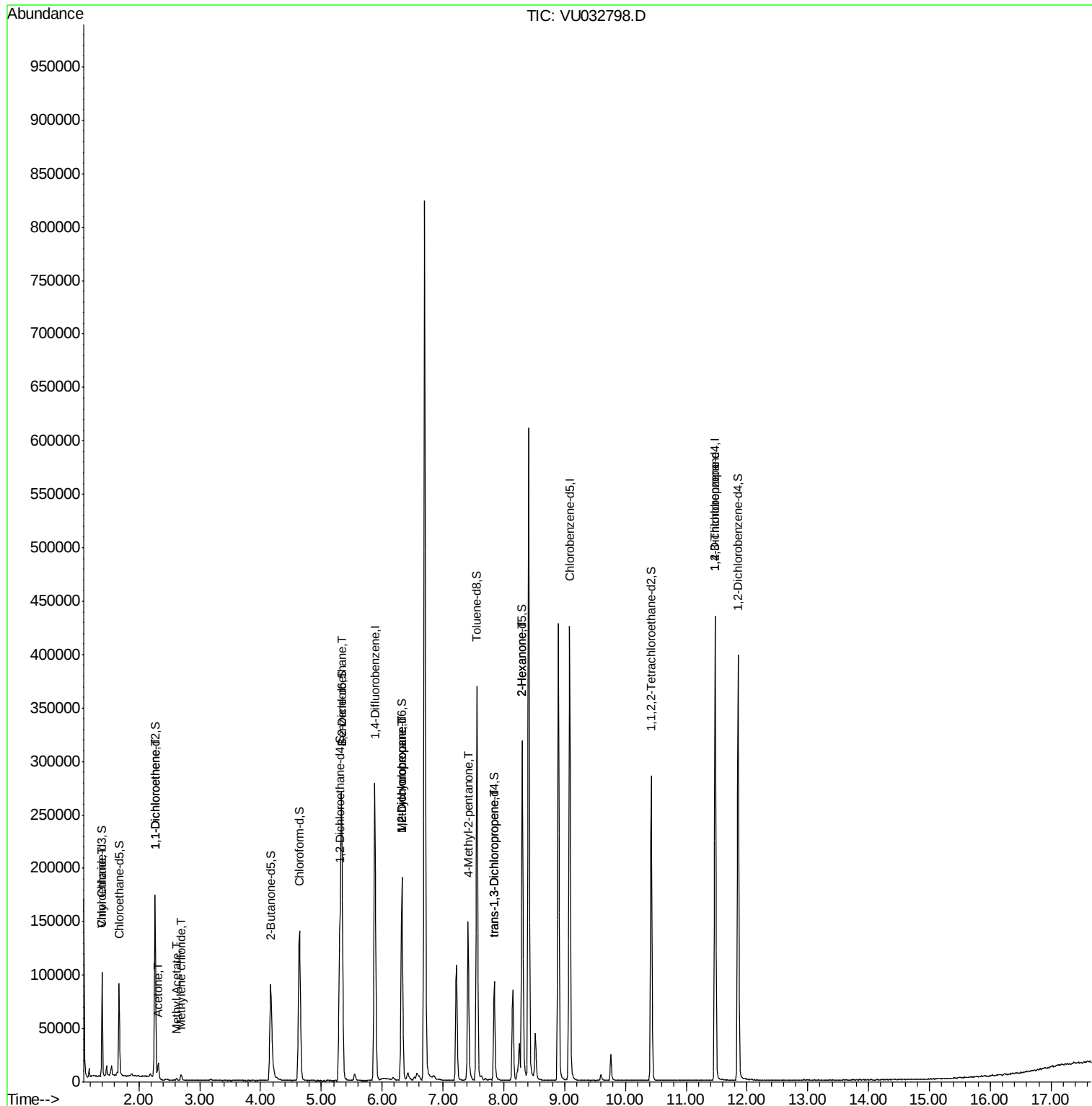
					Qvalue
8) Chloroethane	1.40	64	794	0.672 ug/L #	1
12) 1,1-Dichloroethene	2.27	96	798	0.561 ug/L #	1
13) Acetone	2.32	43	15004	8.451 ug/L	96
15) Methyl Acetate	2.62	43	2538	1.261 ug/L #	79
16) Methylene chloride	2.69	84	2380	1.425 ug/L	80
27) 1,2-Dichloroethane	5.33	62	1587	0.637 ug/L #	77
35) Methylcyclohexane	6.32	83	20092	7.554 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	10260	5.808 ug/L #	88
40) 4-Methyl-2-pentanone	7.41	43	57466	20.375 ug/L #	53
44) trans-1,3-Dichloropropene	7.84	75	2147	0.831 ug/L	85
48) 2-Hexanone	8.31	43	19013	7.640 ug/L #	62
59) 1,2,3-Trichloropropane	11.48	75	13686	5.805 ug/L #	87

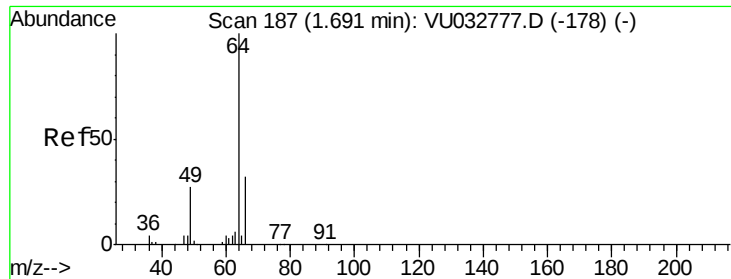
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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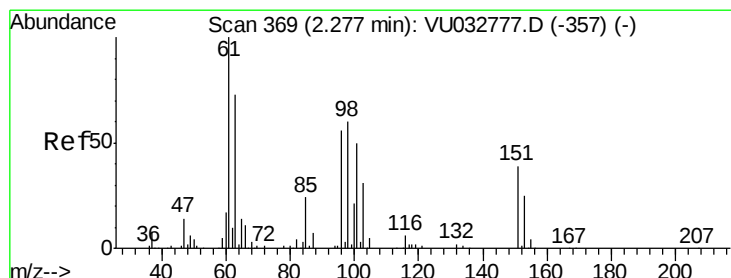
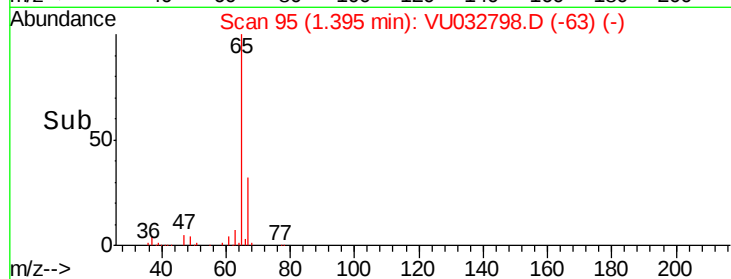
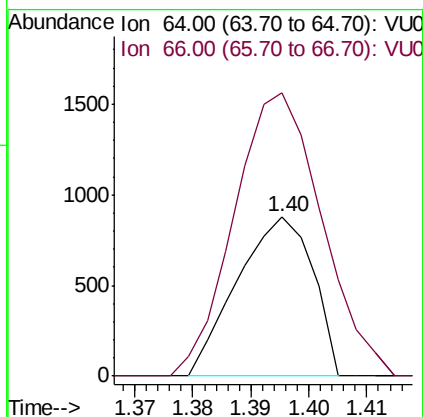
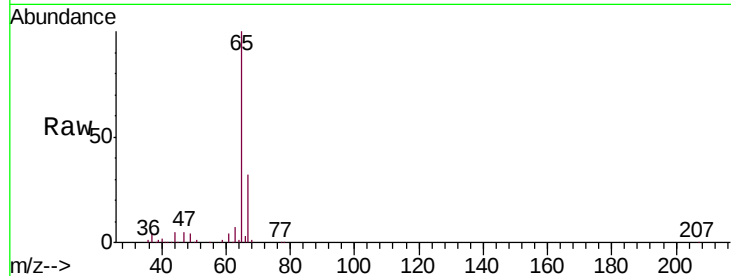




#8
Chloroethane
Concen: 0.672 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU032798.D
Acq: 17 Jun 2019 21:16

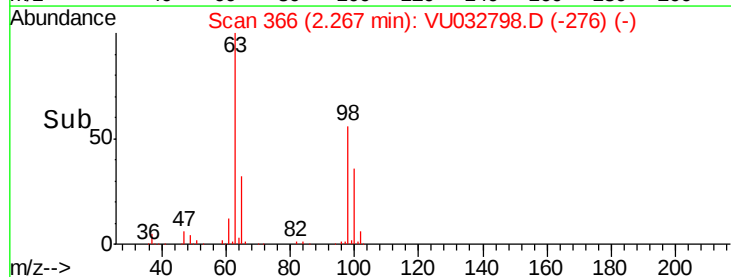
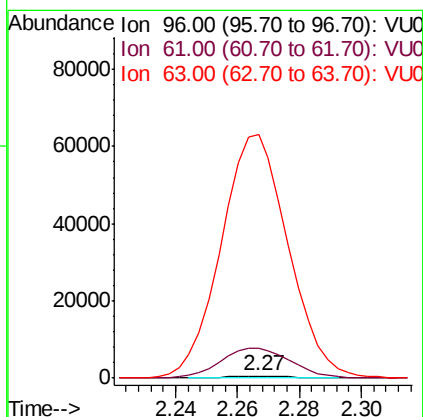
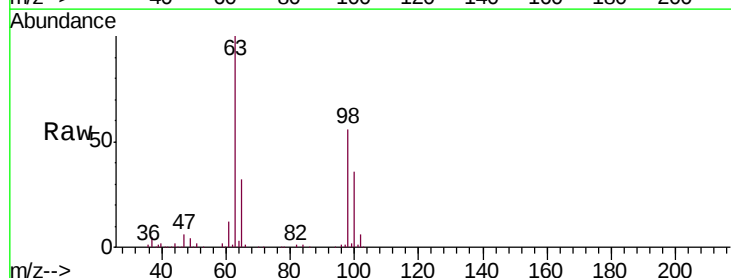
Instrument :
MSVOA_U
ClientSampleId :
C0JR9

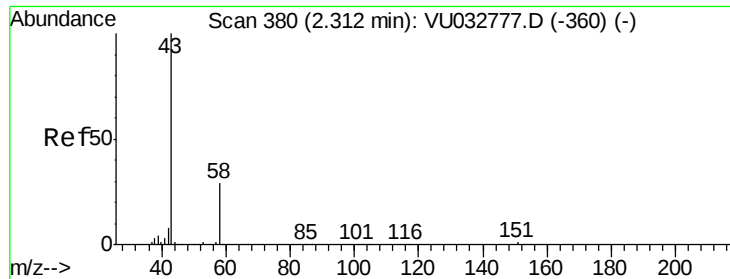
Tgt Ion: 64 Resp: 794
Ion Ratio Lower Upper
64 100
66 177.6 22.5 41.7#



#12
1,1-Dichloroethene
Concen: 0.561 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032798.D
Acq: 17 Jun 2019 21:16

Tgt Ion: 96 Resp: 798
Ion Ratio Lower Upper
96 100
61 1572.8 131.0 243.4#
63 12719.4 101.0 187.6#





#13

Acetone

Concen: 8.451 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VU032798.D

Acq: 17 Jun 2019 21:16

Instrument :

MSVOA_U

ClientSampleId :

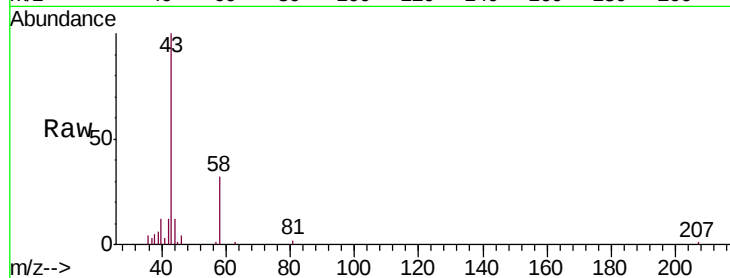
C0JR9

Tgt Ion: 43 Resp: 15004

Ion Ratio Lower Upper

43 100

58 32.3 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032777.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU032777.D (-360) (-)

2.32

10000

8000

6000

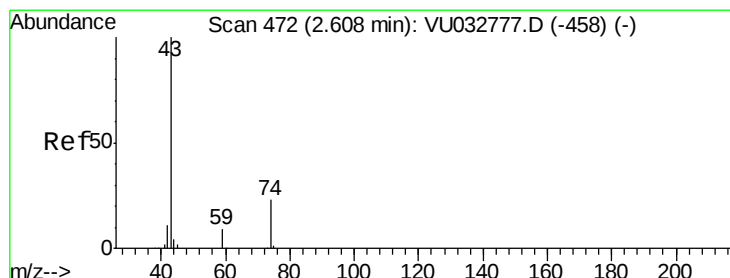
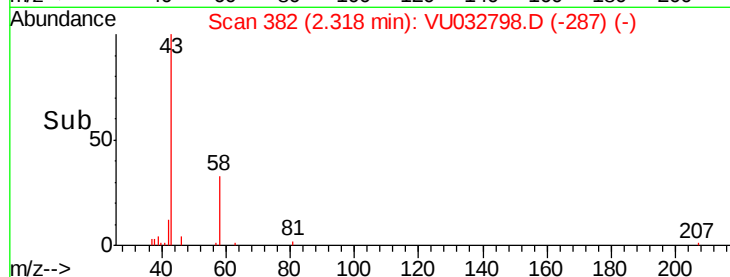
4000

2000

0

Time-->

2.25 2.30 2.35



#15

Methyl Acetate

Concen: 1.261 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032798.D

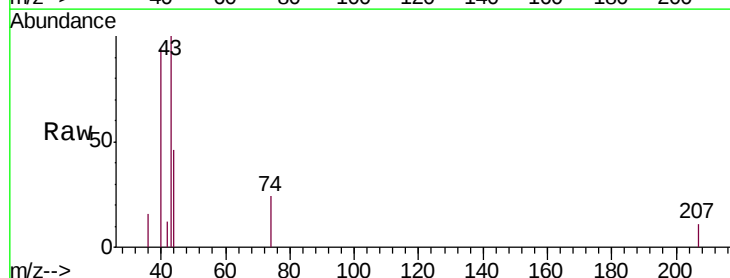
Acq: 17 Jun 2019 21:16

Tgt Ion: 43 Resp: 2538

Ion Ratio Lower Upper

43 100

74 12.7 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VU032777.D (-458) (-)

Ion 74.00 (73.70 to 74.70): VU032777.D (-458) (-)

2.62

1200

1000

800

600

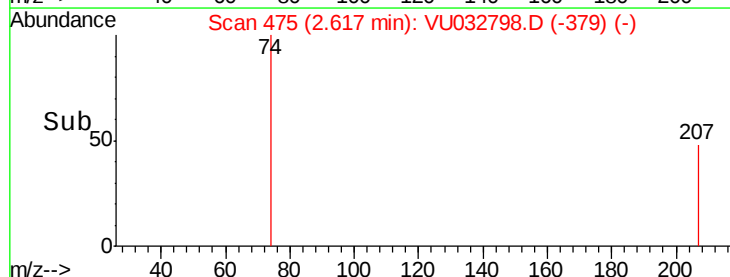
400

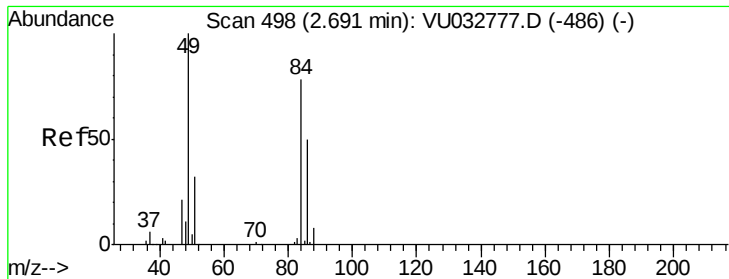
200

0

Time-->

2.55 2.60 2.65 2.70

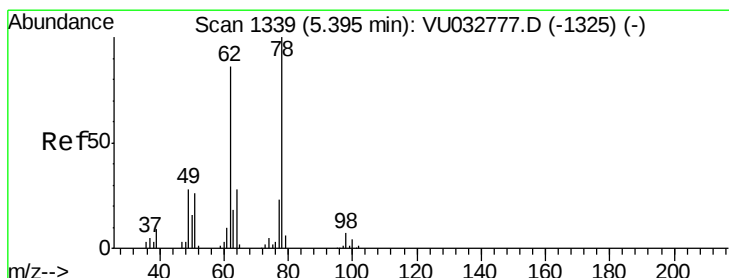
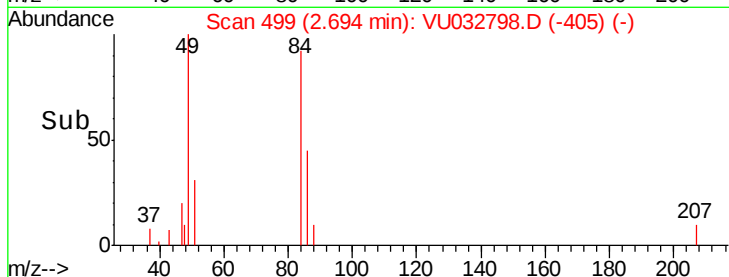
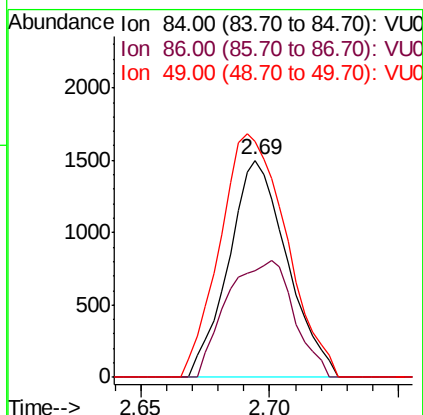
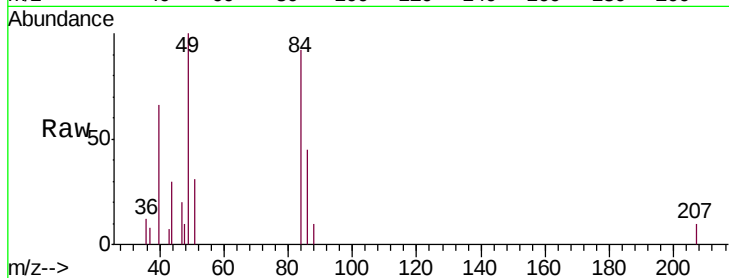




#16
Methylene chloride
Concen: 1.425 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032798.D
Acq: 17 Jun 2019 21:16

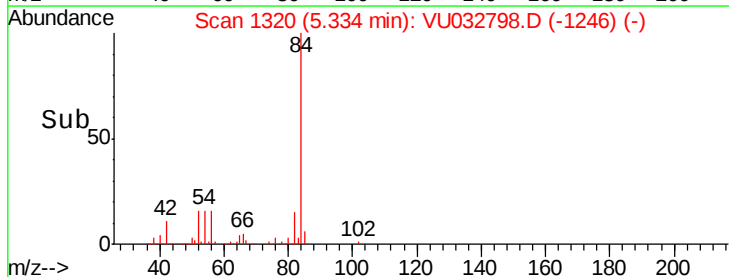
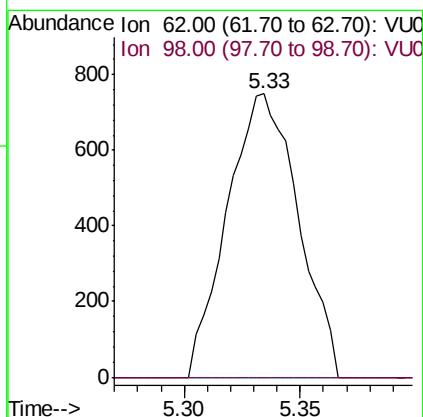
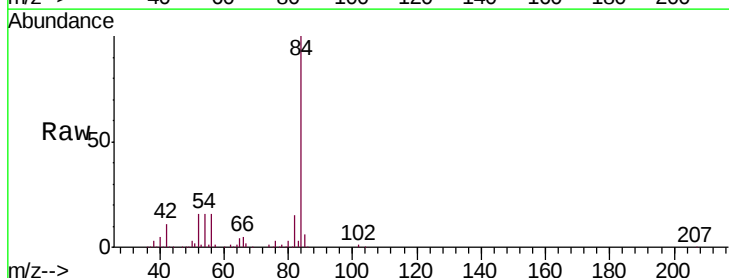
Instrument :
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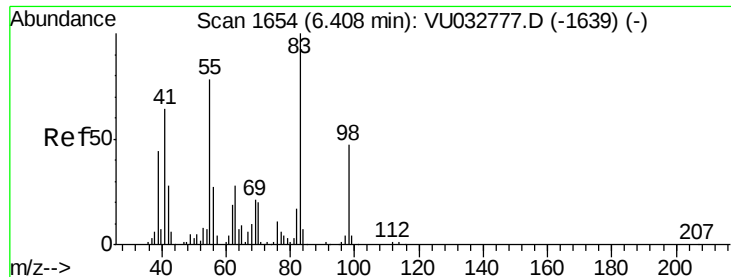
Tgt Ion: 84 Resp: 2380
Ion Ratio Lower Upper
84 100
86 49.2 45.5 84.5
49 108.4 92.1 171.1



#27
1,2-Dichloroethane
Concen: 0.637 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.06 min
Lab File: VU032798.D
Acq: 17 Jun 2019 21:16

Tgt Ion: 62 Resp: 1587
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

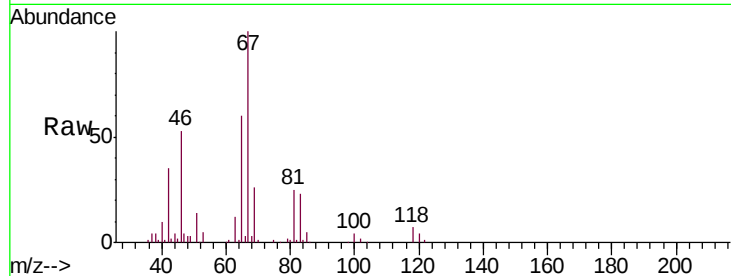




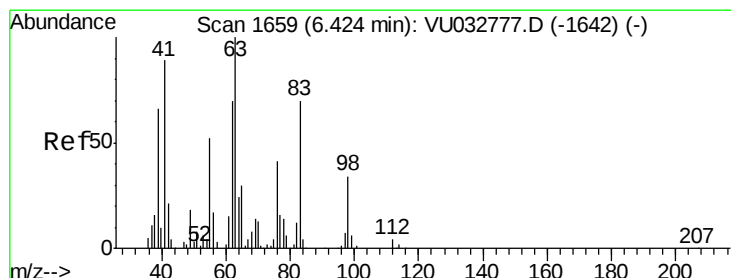
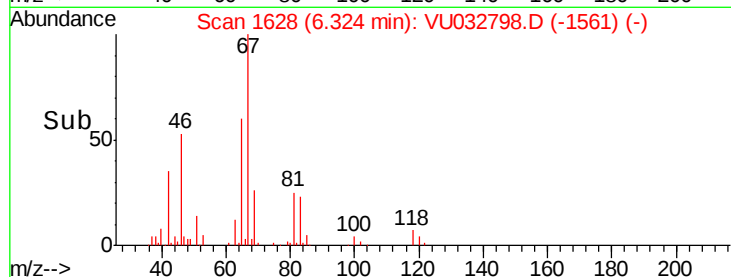
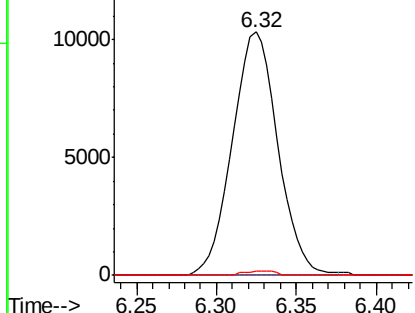
#35
Methylcyclohexane
Concen: 7.554 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032798.D
Acq: 17 Jun 2019 21:16

Instrument :
MSVOA_U
ClientSampleId :
C0JR9

Tgt Ion: 83 Resp: 20092
Ion Ratio Lower Upper
83 100
55 1.0 62.6 94.0#
98 0.8 37.4 56.0#

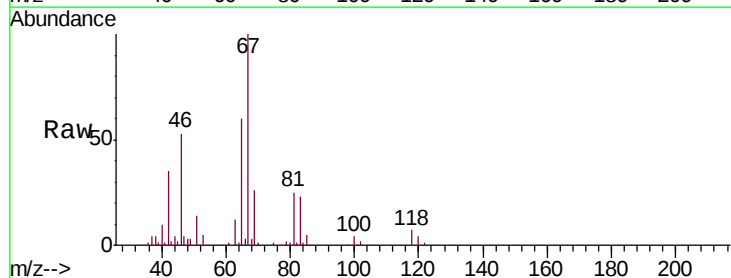


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

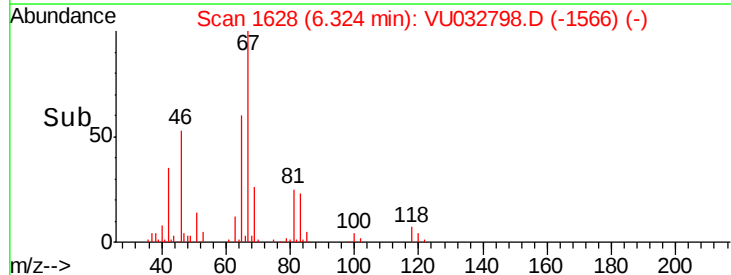
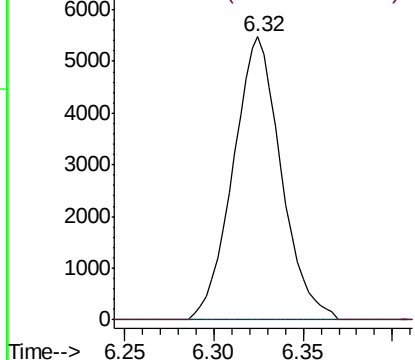


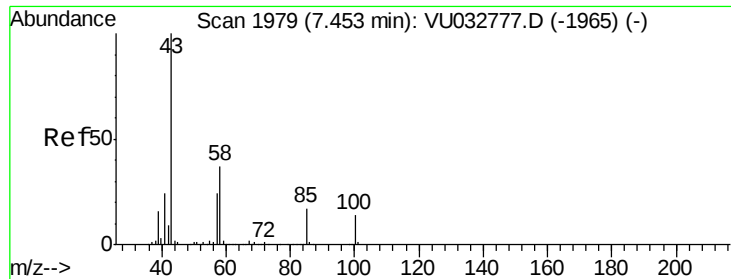
#37
1,2-Dichloropropane
Concen: 5.808 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032798.D
Acq: 17 Jun 2019 21:16

Tgt Ion: 63 Resp: 10260
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



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

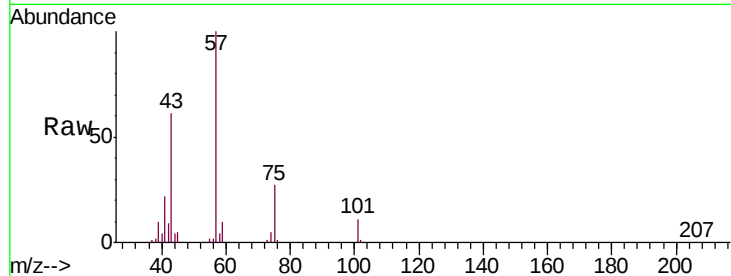




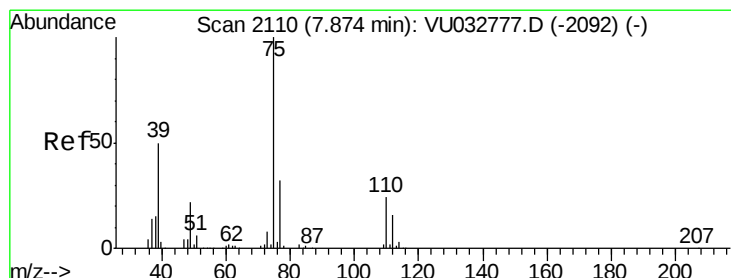
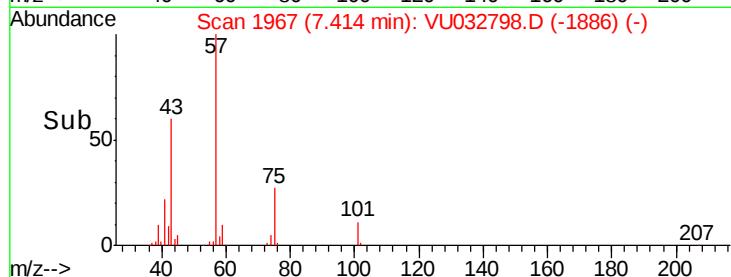
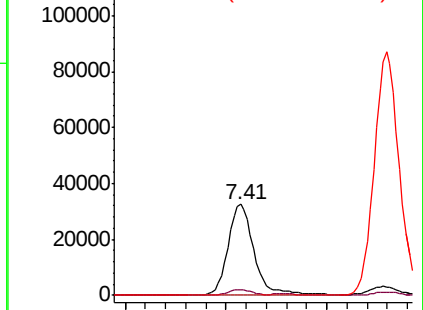
#40
4-Methyl-2-pentanone
Concen: 20.375 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. -0.04 min
Lab File: VU032798.D
Acq: 17 Jun 2019 21:16

Instrument :
MSVOA_U
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C0JR9

Tgt Ion: 43 Resp: 57466
Ion Ratio Lower Upper
43 100
58 5.8 29.4 44.2#
100 0.0 11.2 16.8#

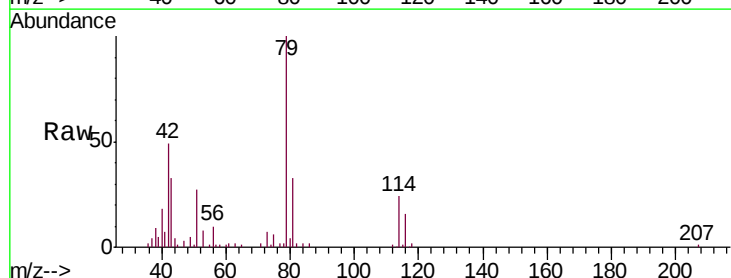


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

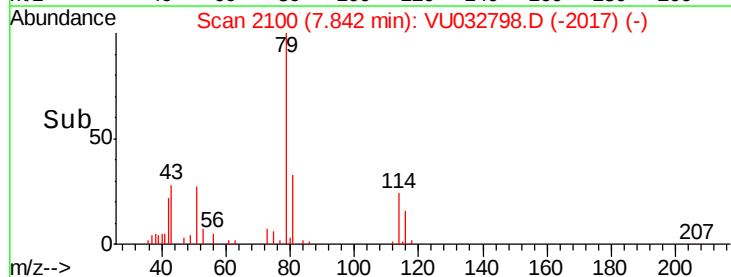
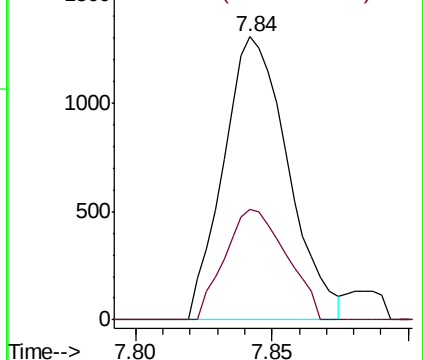


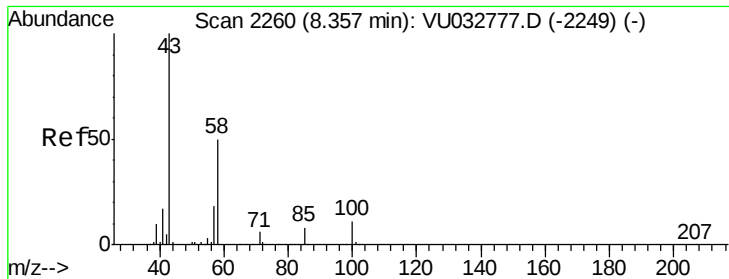
#44
trans-1,3-Dichloropropene
Concen: 0.831 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU032798.D
Acq: 17 Jun 2019 21:16

Tgt Ion: 75 Resp: 2147
Ion Ratio Lower Upper
75 100
77 39.3 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

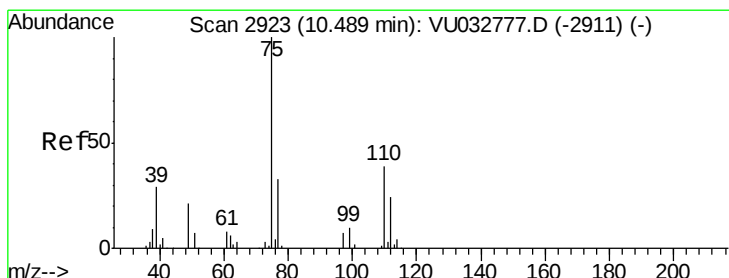
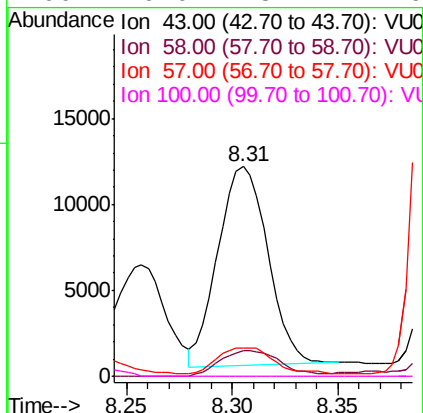
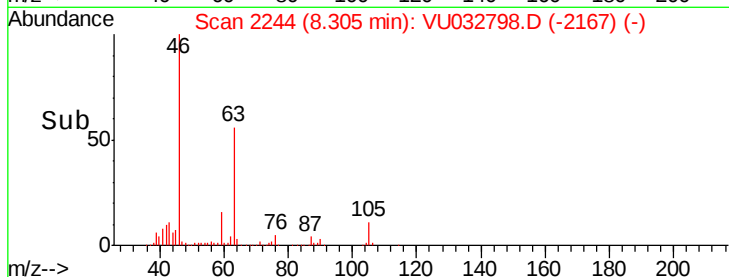
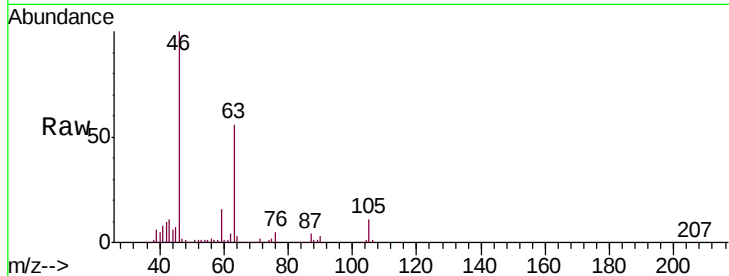




#48
 2-Hexanone
 Concen: 7.640 ug/L
 RT: 8.31 min Scan# 2244
 Delta R.T. -0.05 min
 Lab File: VU032798.D
 Acq: 17 Jun 2019 21:16

Instrument :
 MSVOA_U
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 C0JR9

Tgt Ion: 43 Resp: 19013
 Ion Ratio Lower Upper
 43 100
 58 15.8 40.2 60.2#
 57 14.0 14.2 21.4#
 100 0.0 8.4 12.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.805 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032798.D
 Acq: 17 Jun 2019 21:16

Tgt Ion: 75 Resp: 13686
 Ion Ratio Lower Upper
 75 100
 77 39.3 25.5 38.3#

