

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060819\
 Data File : VU032547.D
 Acq On : 08 Jun 2019 17:02
 Operator : JC/SP
 Sample : K3276-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8F3

Quant Time: Jun 08 23:16:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 08 23:12:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	203562	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	193979	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97006	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72518	54.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.82%
7) Chloroethane-d5	1.68	69	57526	54.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.27	63	105401	40.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.52%
21) 2-Butanone-d5	4.17	46	115506	104.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.51%
24) Chloroform-d	4.64	84	125874	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.30	65	82563	53.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.42%
32) Benzene-d6	5.33	84	264738	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.14%
36) 1,2-Dichloropropane-d6	6.32	67	82826	52.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.90%
41) Toluene-d8	7.56	98	244079	51.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.24%
43) trans-1,3-Dichloropropene-	7.85	79	38680	51.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.38%
47) 2-Hexanone-d5	8.31	63	76548	99.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	113401	49.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.12%
64) 1,2-Dichlorobenzene-d4	11.85	152	97828	52.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.30%

Target Compounds

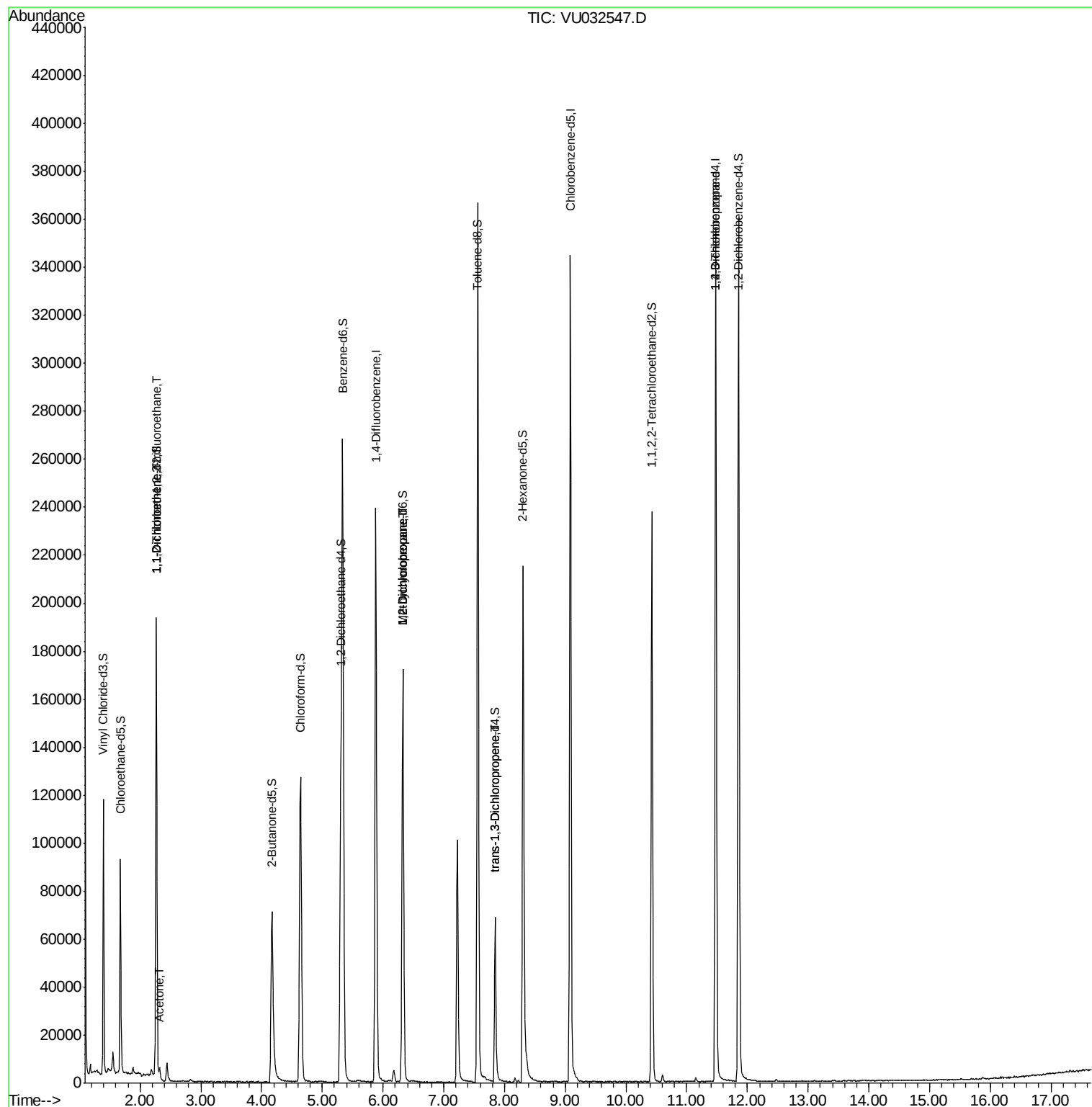
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	895	0.719 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1030	0.853 ug/L #	1
13) Acetone	2.32	43	4689	4.112 ug/L	91
35) Methylcyclohexane	6.32	83	18468	7.693 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	9239	6.395 ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	1920	0.949 ug/L	88
59) 1,2,3-Trichloropropane	11.48	75	11171	5.948 ug/L	91

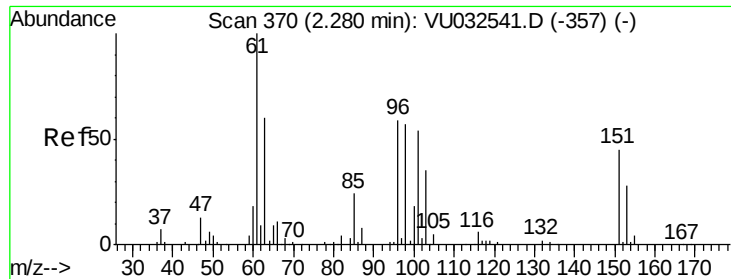
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 08 23:12:44 2019
Response via : Initial Calibration





#10

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

Concen: 0.719 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032547.D

Acq: 08 Jun 2019 17:02

Instrument :

MSVOA_U

ClientSampleId :

DB8F3

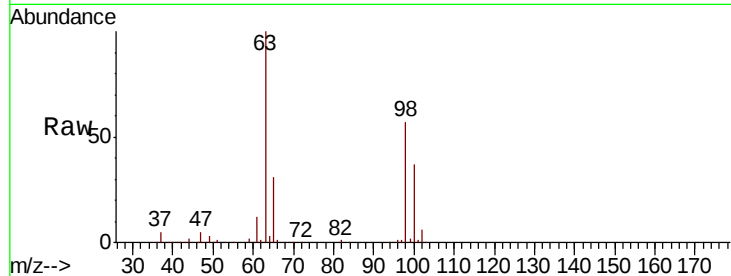
Tgt Ion: 101 Resp: 895

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

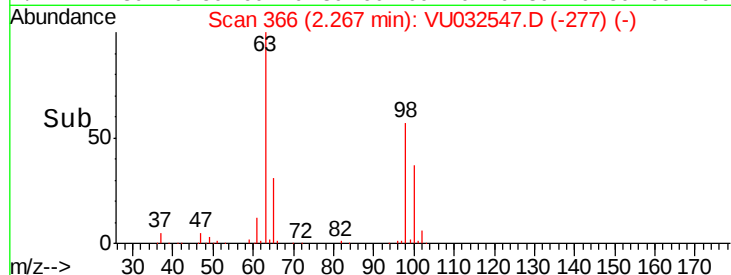
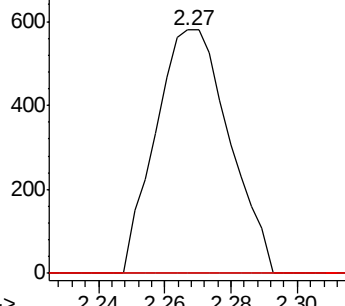
151 0.0 63.0 94.4#



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



#12

1,1-Dichloroethene

Concen: 0.853 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032547.D

Acq: 08 Jun 2019 17:02

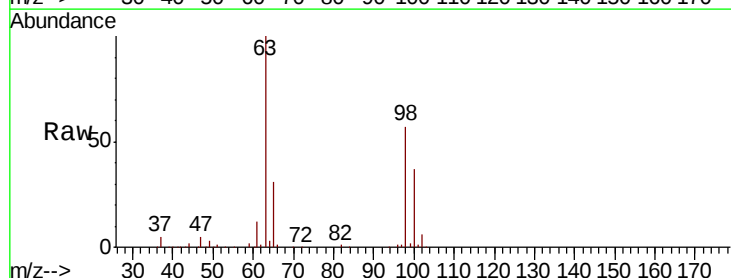
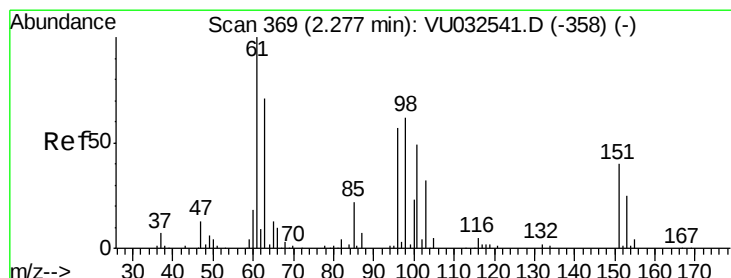
Tgt Ion: 96 Resp: 1030

Ion Ratio Lower Upper

96 100

61 1264.8 129.5 240.5#

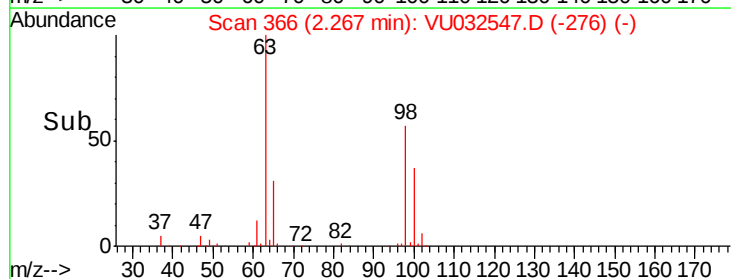
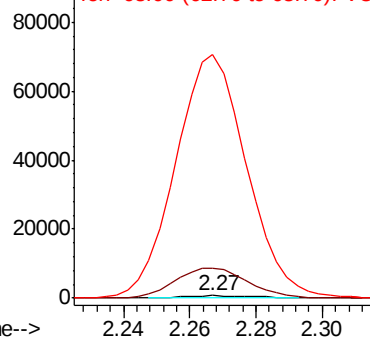
63 10128.0 103.4 192.0#

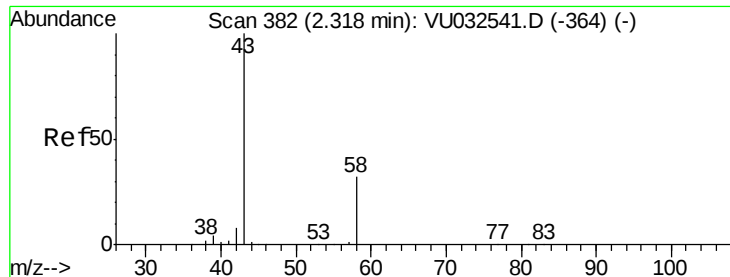


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 4.112 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032547.D

Acq: 08 Jun 2019 17:02

Instrument :

MSVOA_U

ClientSampleId :

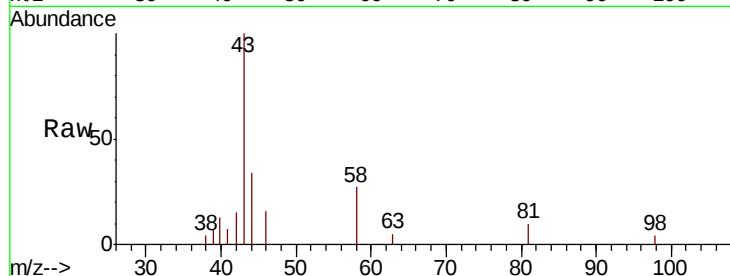
DB8F3

Tgt Ion: 43 Resp: 4689

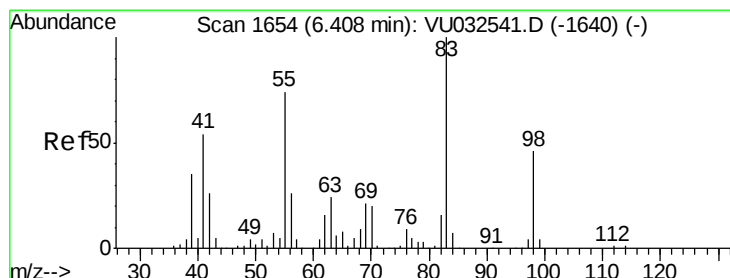
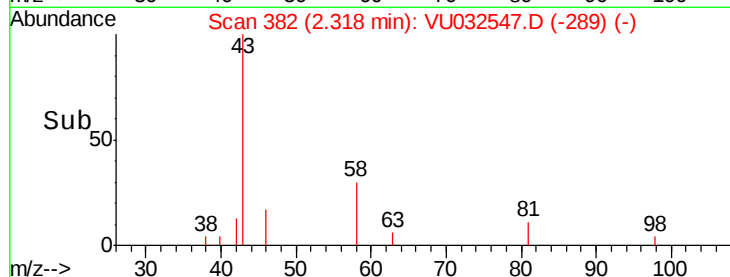
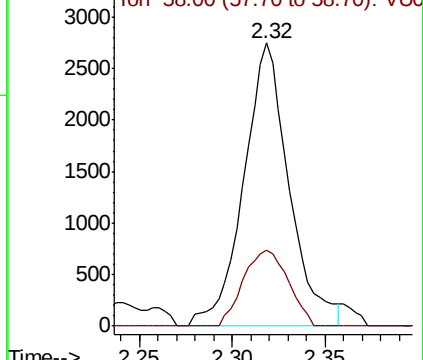
Ion Ratio Lower Upper

43 100

58 26.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032547.D (-289) (-)



#35

Methylcyclohexane

Concen: 7.693 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032547.D

Acq: 08 Jun 2019 17:02

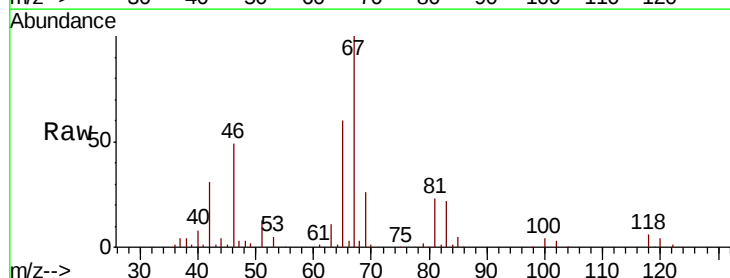
Tgt Ion: 83 Resp: 18468

Ion Ratio Lower Upper

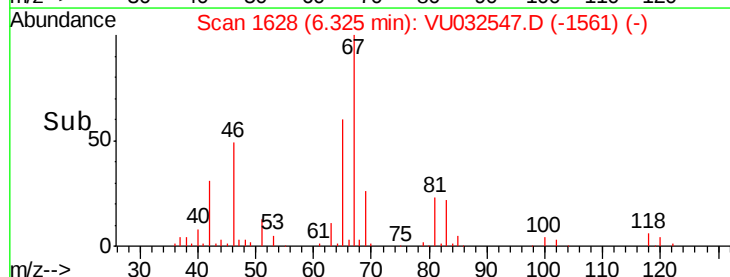
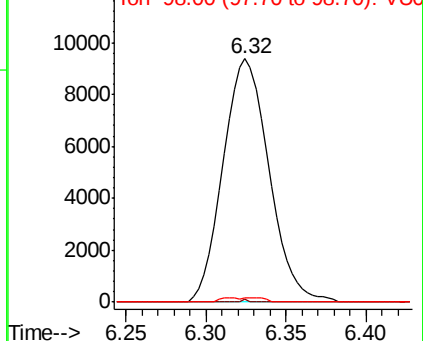
83 100

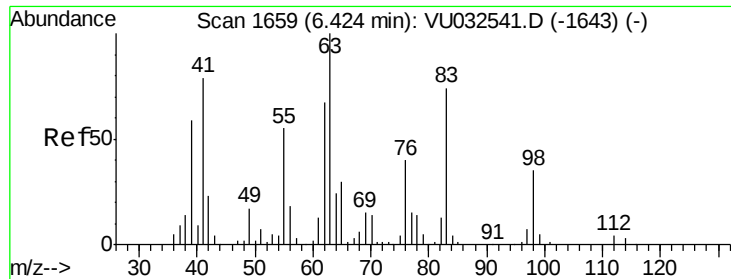
55 0.0 60.2 90.4#

98 0.8 37.4 56.2#



Abundance Ion 83.00 (82.70 to 83.70): VU032547.D (-1561) (-)

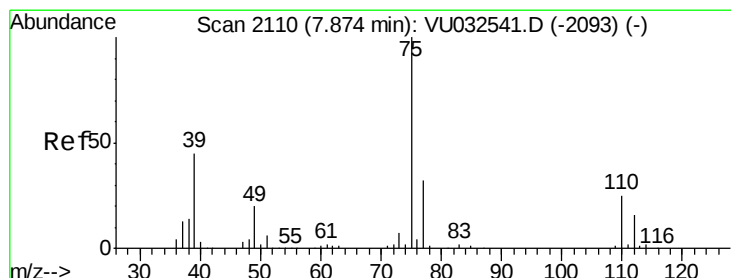
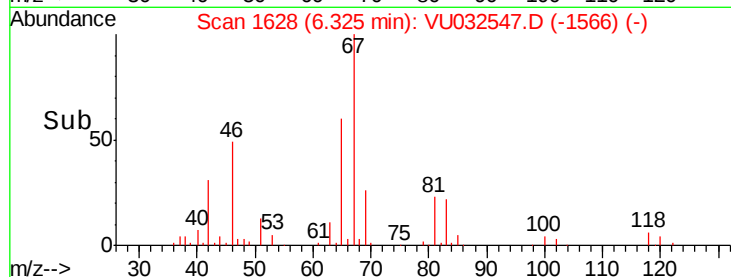
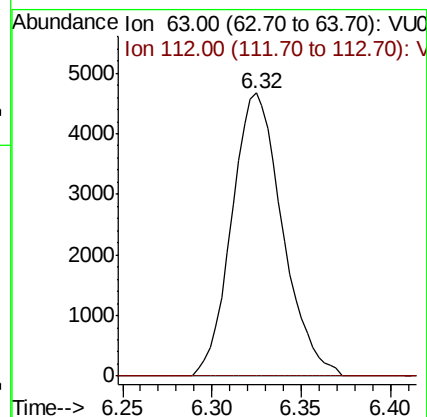
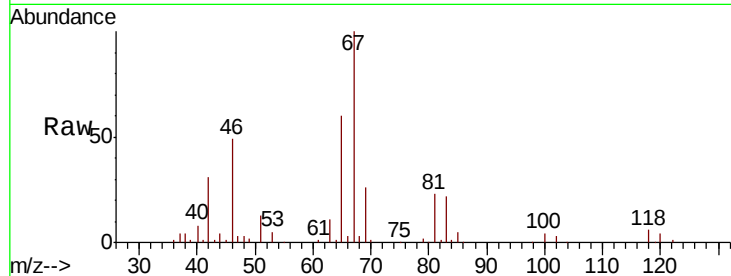




#37
 1,2-Dichloropropane
 Concen: 6.395 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032547.D
 Acq: 08 Jun 2019 17:02

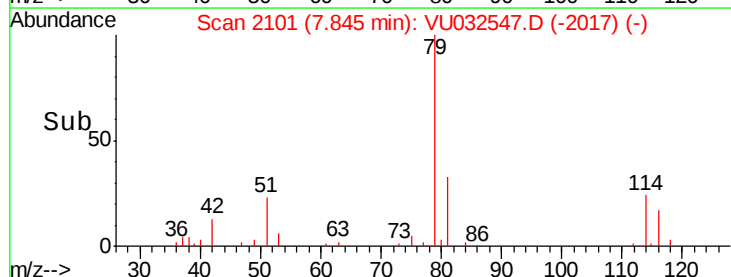
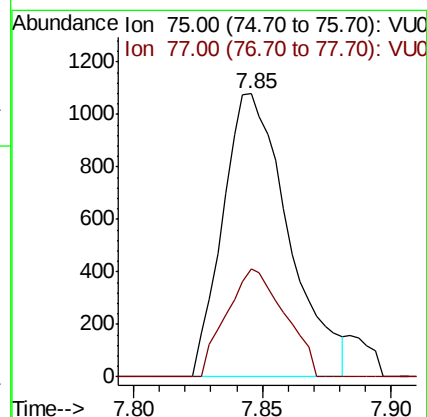
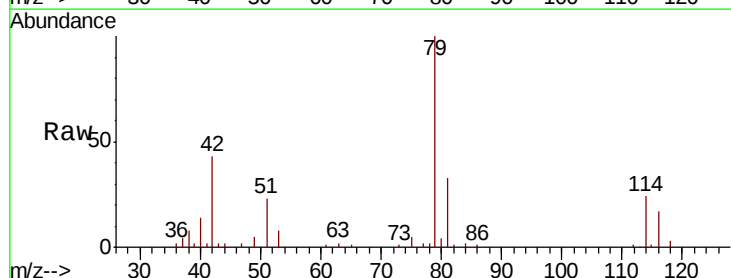
Instrument :
 MSVOA_U
 ClientSampleID :
 DB8F3

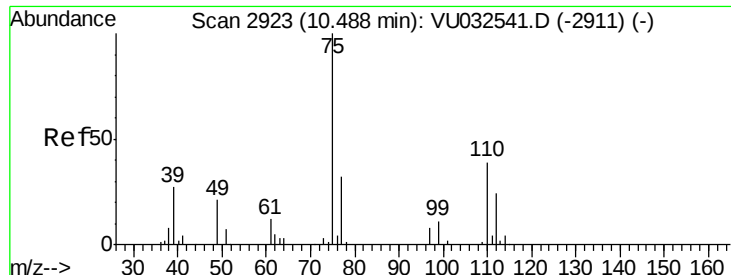
Tgt Ion: 63 Resp: 9239
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.949 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU032547.D
 Acq: 08 Jun 2019 17:02

Tgt Ion: 75 Resp: 1920
 Ion Ratio Lower Upper
 75 100
 77 38.0 22.1 41.1





#59
 1,2,3-Trichloropropane
 Concen: 5.948 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032547.D
 Acq: 08 Jun 2019 17:02

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8F3

Tgt Ion: 75 Resp: 11171
 Ion Ratio Lower Upper
 75 100
 77 36.8 25.6 38.4

