

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
 Data File : VU032362.D
 Acq On : 29 May 2019 16:30
 Operator : JC/SP
 Sample : K3045-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C49

Quant Time: May 30 05:39:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 30 05:34:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	397560	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	395684	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	175309	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	114298	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.67	69	104437	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.27	63	167762	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	4.19	46	306323	48.64	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.28%
24) Chloroform-d	4.64	84	224931	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	5.31	65	113103	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
32) Benzene-d6	5.33	84	474571	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.32	67	142474	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.20%
41) Toluene-d8	7.56	98	416268	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	7.85	79	49601	3.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.80%
46) 2-Hexanone-d5	8.31	63	245505	46.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118679	3.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	65.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	164284	3.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	68.00%#

Target Compounds

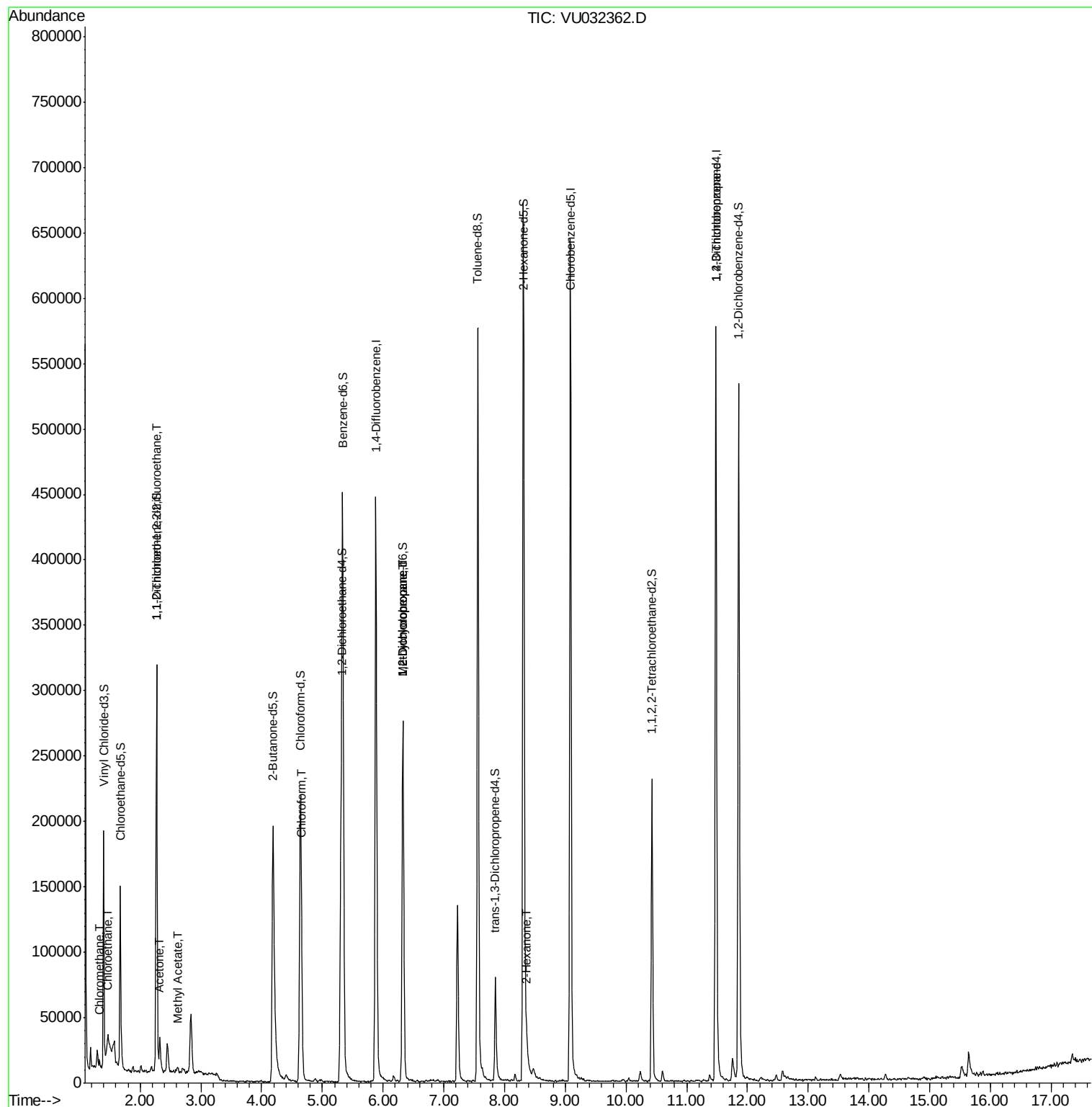
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	4192	0.246	ug/L	97
8) Chloroethane	1.47	64	51161	4.684	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1978	0.141	ug/L #	17
13) Acetone	2.32	43	21362	10.948	ug/L	98
15) Methyl Acetate	2.62	43	5050	0.882	ug/L #	73
25) Chloroform	4.67	83	5095	0.201	ug/L	100
35) Methylcyclohexane	6.33	83	33413	1.579	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	15486	1.202	ug/L #	86
48) 2-Hexanone	8.37	43	10856	2.173	ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	18053	2.151	ug/L	99

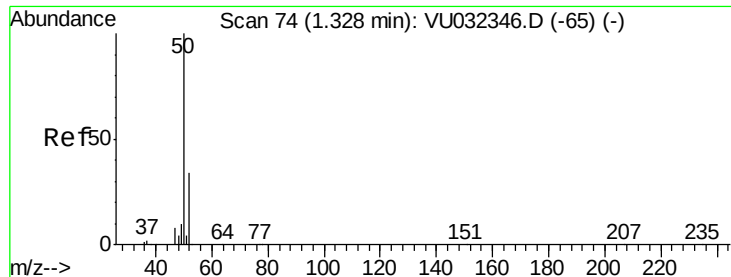
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032362.D
Acq On : 29 May 2019 16:30
Operator : JC/SP
Sample : K3045-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C49

Quant Time: May 30 05:39:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 30 05:34:28 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.246 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU032362.D

Acq: 29 May 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

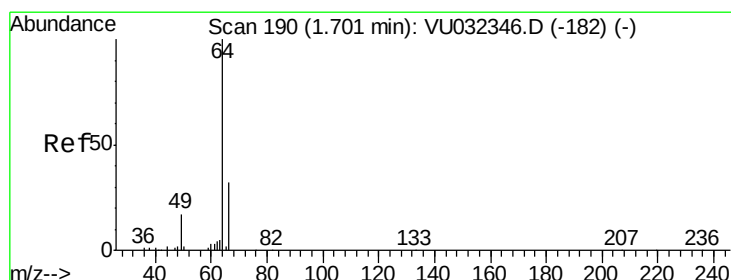
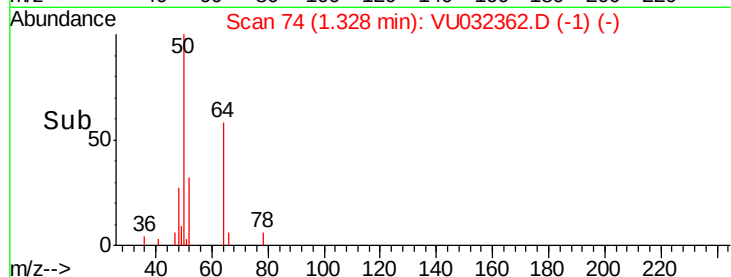
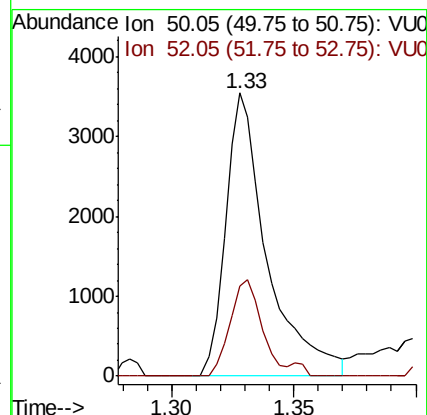
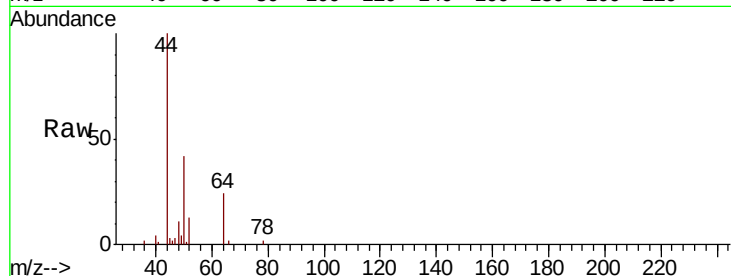
C0C49

Tgt Ion: 50 Resp: 4192

Ion Ratio Lower Upper

50 100

52 31.6 23.3 43.3



#8

Chloroethane

Concen: 4.684 ug/L

RT: 1.47 min Scan# 119

Delta R.T. -0.23 min

Lab File: VU032362.D

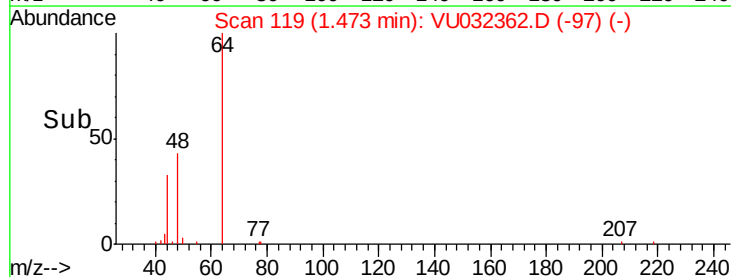
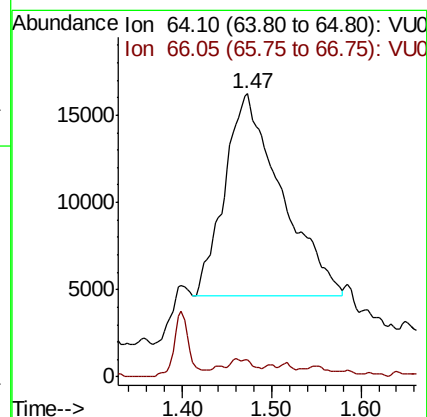
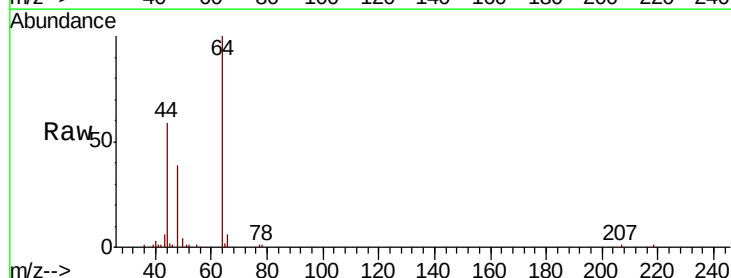
Acq: 29 May 2019 16:30

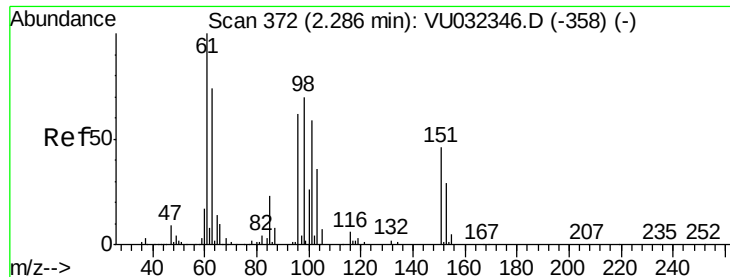
Tgt Ion: 64 Resp: 51161

Ion Ratio Lower Upper

64 100

66 6.0 23.1 42.9#





#10

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

Concen: 0.141 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU032362.D

Acq: 29 May 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

C0C49

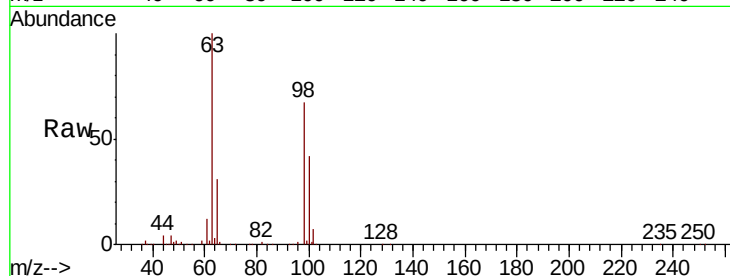
Tgt Ion:101 Resp: 1978

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.4#

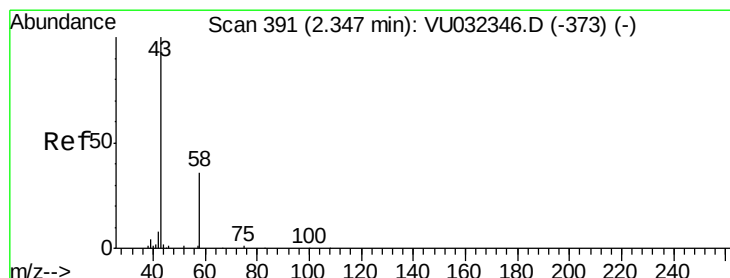
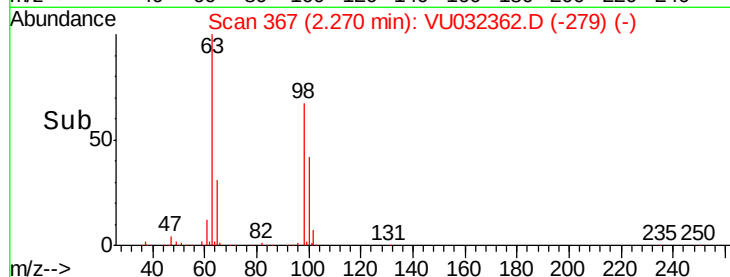
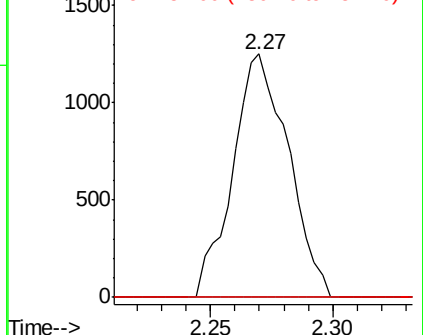
151 0.0 64.4 96.6#



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



#13

Acetone

Concen: 10.948 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.03 min

Lab File: VU032362.D

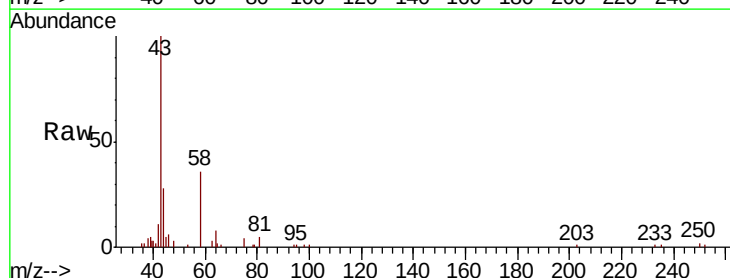
Acq: 29 May 2019 16:30

Tgt Ion: 43 Resp: 21362

Ion Ratio Lower Upper

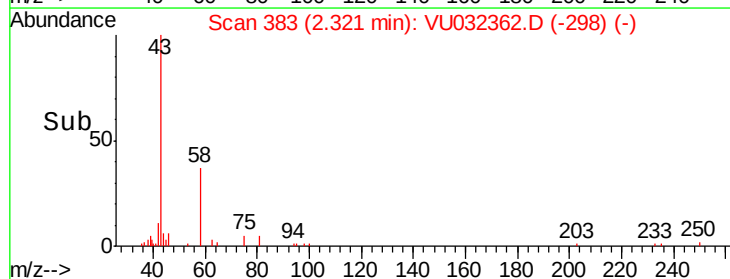
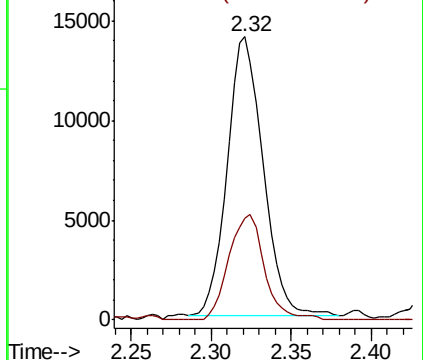
43 100

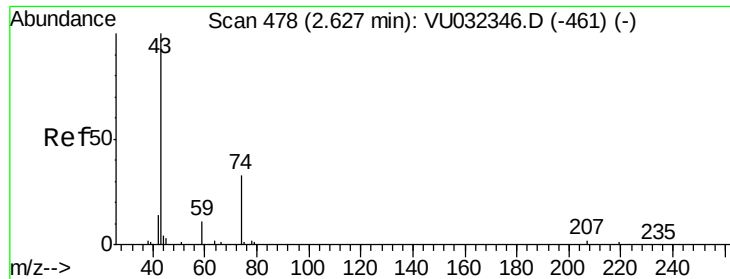
58 37.3 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

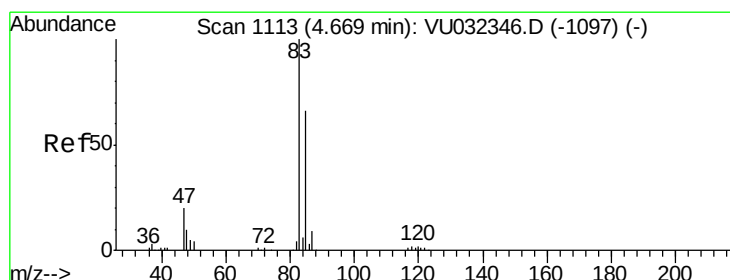
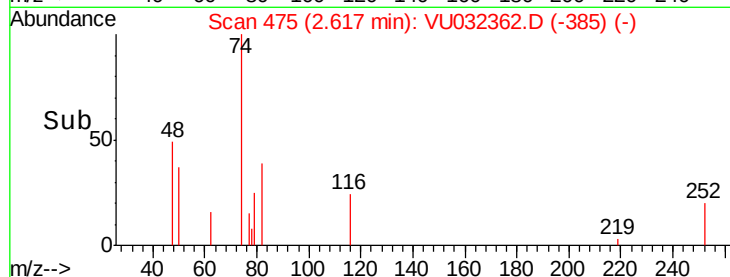
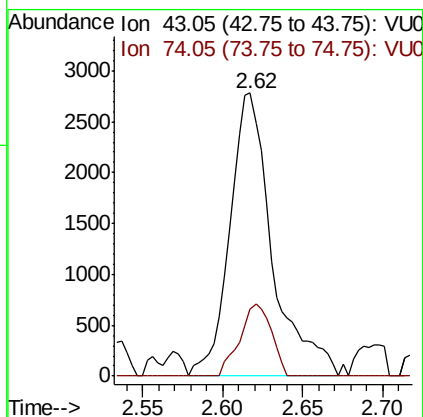
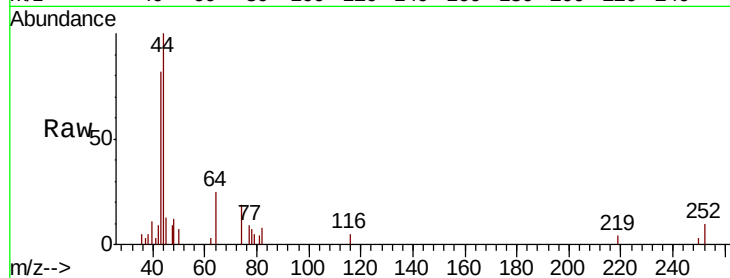




#15
Methyl Acetate
Concen: 0.882 ug/L
RT: 2.62 min Scan# 475
Delta R.T. -0.01 min
Lab File: VU032362.D
Acq: 29 May 2019 16:30

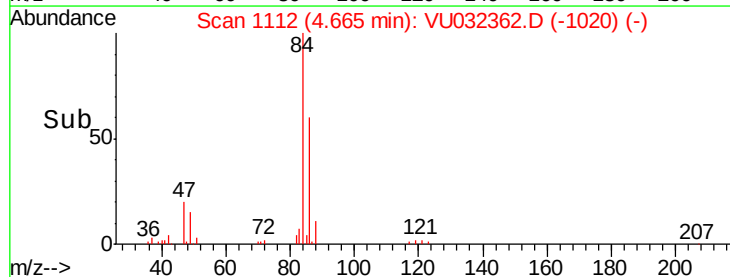
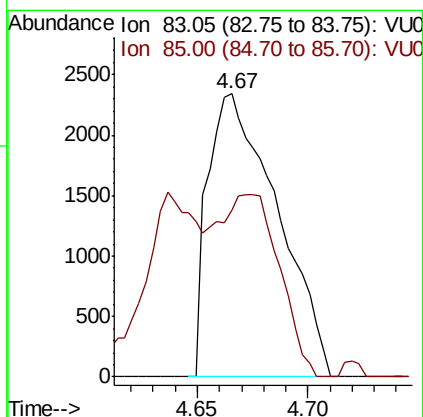
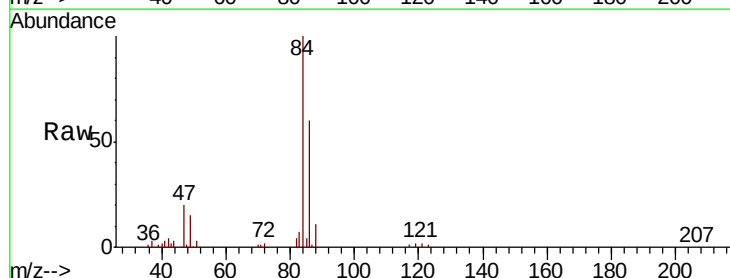
Instrument :
MSVOA_U
ClientSampleId :
C0C49

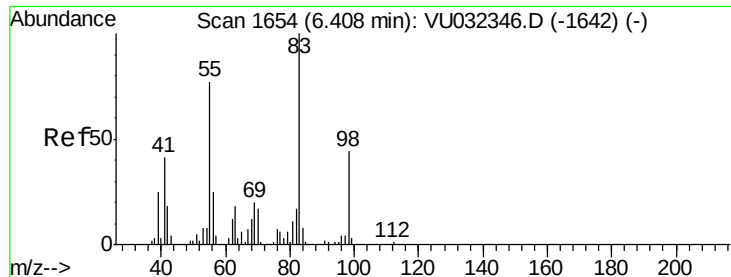
Tgt Ion: 43 Resp: 5050
Ion Ratio Lower Upper
43 100
74 18.7 27.3 40.9#



#25
Chloroform
Concen: 0.201 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU032362.D
Acq: 29 May 2019 16:30

Tgt Ion: 83 Resp: 5095
Ion Ratio Lower Upper
83 100
85 59.1 41.6 77.3





#35

Methylcyclohexane

Concen: 1.579 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU032362.D

Acq: 29 May 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

C0C49

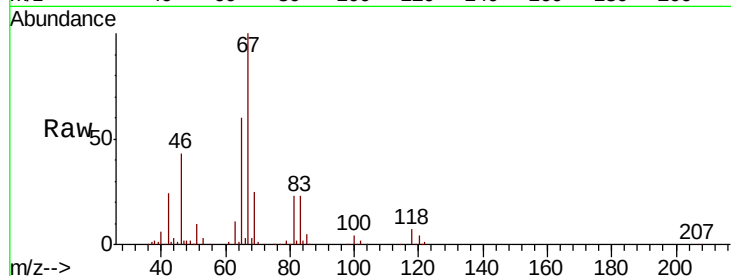
Tgt Ion: 83 Resp: 33413

Ion Ratio Lower Upper

83 100

55 0.3 59.7 89.5#

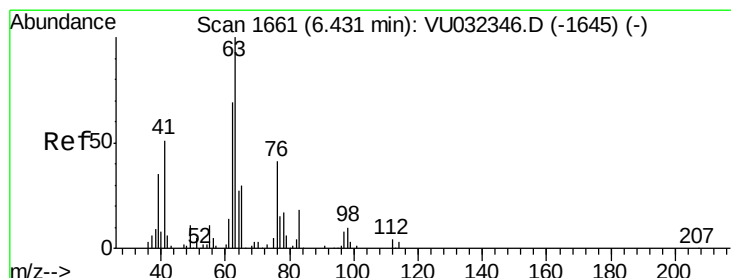
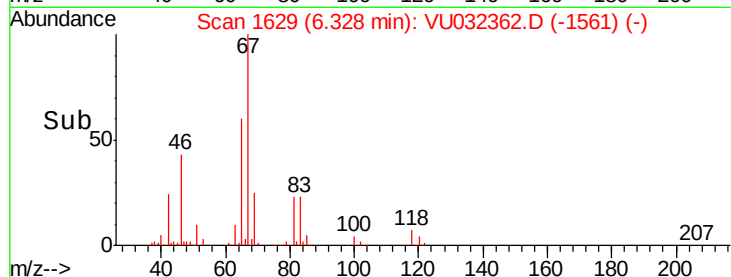
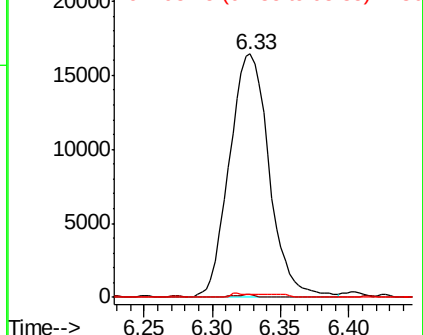
98 0.5 37.5 56.3#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 1.202 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032362.D

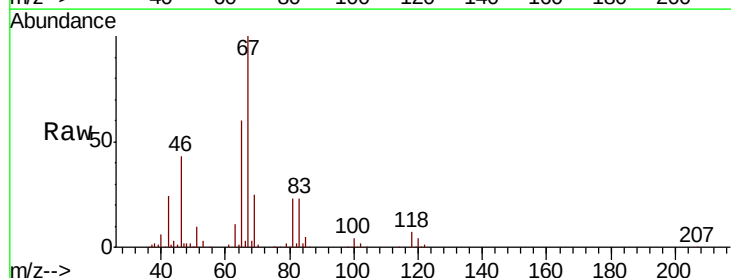
Acq: 29 May 2019 16:30

Tgt Ion: 63 Resp: 15486

Ion Ratio Lower Upper

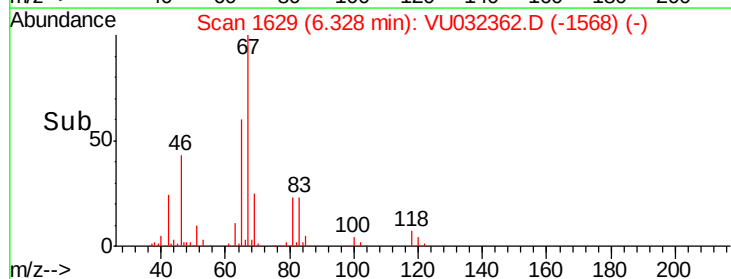
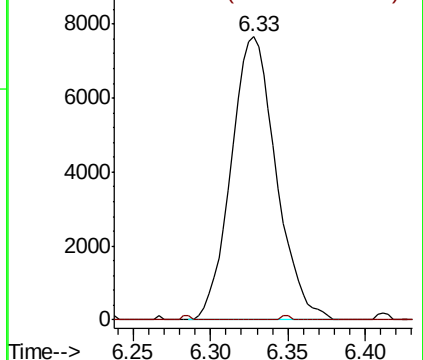
63 100

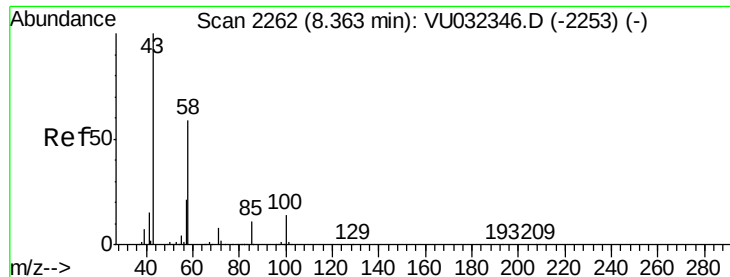
112 0.3 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

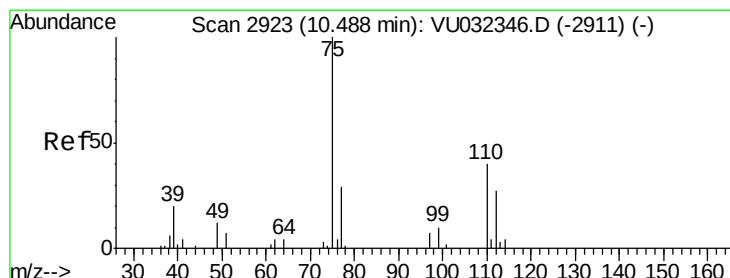
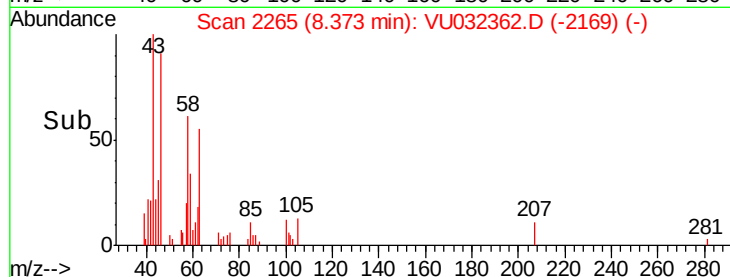
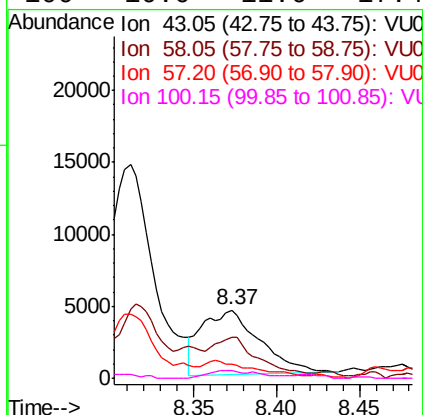
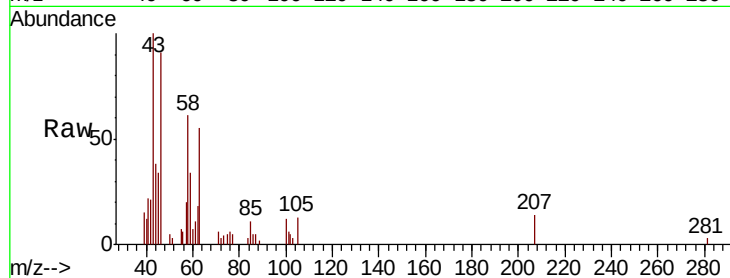




#48
 2-Hexanone
 Concen: 2.173 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU032362.D
 Acq: 29 May 2019 16:30

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C49

Tgt Ion: 43 Resp: 10856
 Ion Ratio Lower Upper
 43 100
 58 40.4 49.7 74.5#
 57 25.6 17.1 25.7
 100 10.0 11.6 17.4#



#59
 1,2,3-Trichloropropane
 Concen: 2.151 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032362.D
 Acq: 29 May 2019 16:30

Tgt Ion: 75 Resp: 18053
 Ion Ratio Lower Upper
 75 100
 77 36.0 28.2 42.4

