

Data File : VU032271.D
Acq On : 23 May 2019 16:05
Operator : JC/SP
Sample : K3018-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XJ3

Quant Time: May 24 01:40:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 01:34:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	351147	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	366696	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	145332	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	99632	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.68	69	87049	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.27	63	147663	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	4.20	46	226631	40.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.48%
24) Chloroform-d	4.64	84	200572	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
26) 1,2-Dichloroethane-d4	5.31	65	101108	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
32) Benzene-d6	5.33	84	392971	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.60%
36) 1,2-Dichloropropane-d6	6.33	67	117374	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.40%
41) Toluene-d8	7.56	98	329231	3.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.20%#
43) trans-1,3-Dichloropropene-	7.85	79	39583	3.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.00%
46) 2-Hexanone-d5	8.31	63	188429	38.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98695	2.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	58.80%#
64) 1,2-Dichlorobenzene-d4	11.86	152	124882	3.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	62.40%#

Target Compounds

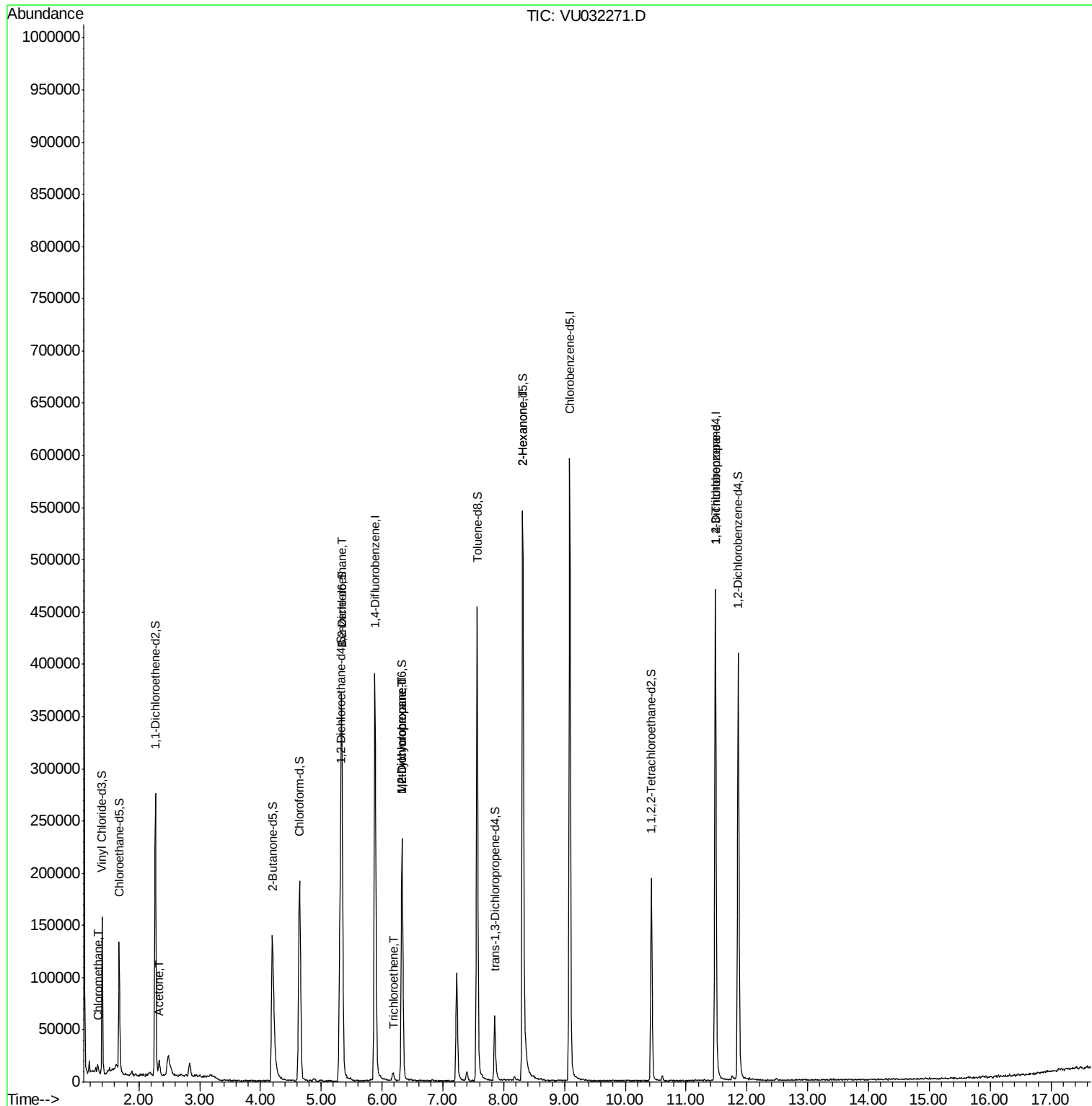
					Qvalue
3) Chloromethane	1.33	50	5310	0.353 ug/L	96
13) Acetone	2.33	43	10881	6.314 ug/L	93
27) 1,2-Dichloroethane	5.34	62	2283	0.175 ug/L #	73
34) Trichloroethene	6.19	95	2229	0.167 ug/L	90
35) Methylcyclohexane	6.33	83	27793	1.417 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	12407	1.039 ug/L #	87
48) 2-Hexanone	8.31	43	21715	4.690 ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	14053	1.807 ug/L	93

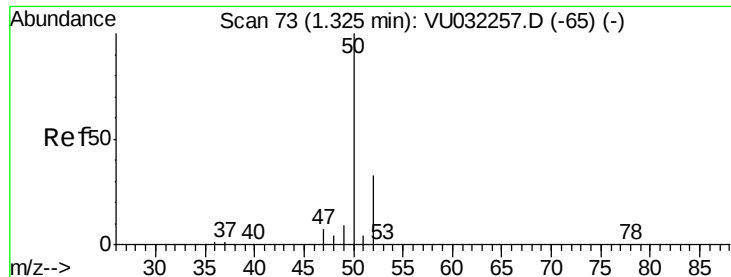
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.353 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032271.D

Acq: 23 May 2019 16:05

Instrument :

MSVOA_U

ClientSampleId :

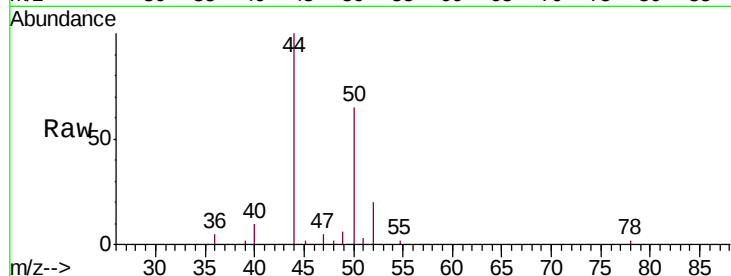
C0XJ3

Tgt Ion: 50 Resp: 5310

Ion Ratio Lower Upper

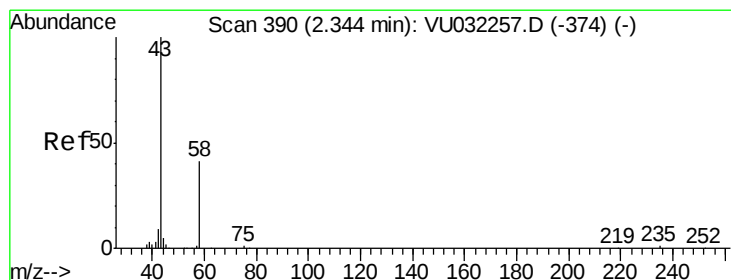
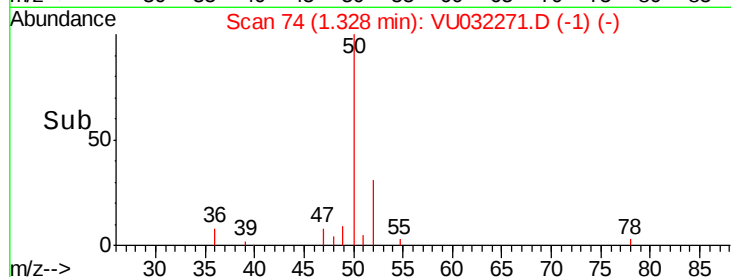
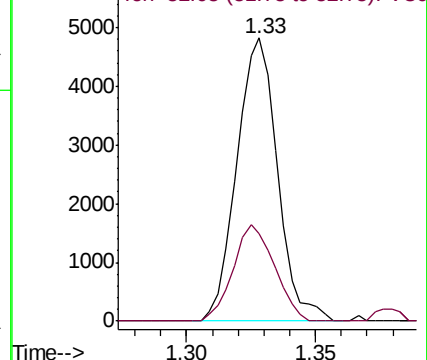
50 100

52 31.1 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 6.314 ug/L

RT: 2.33 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU032271.D

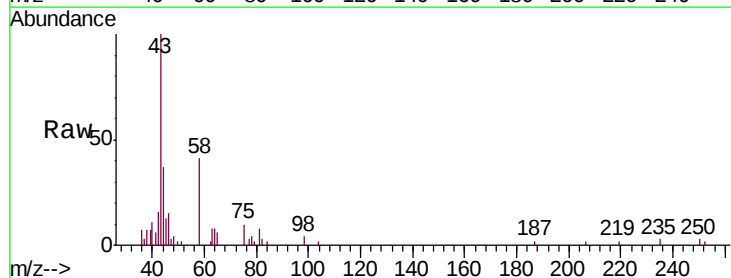
Acq: 23 May 2019 16:05

Tgt Ion: 43 Resp: 10881

Ion Ratio Lower Upper

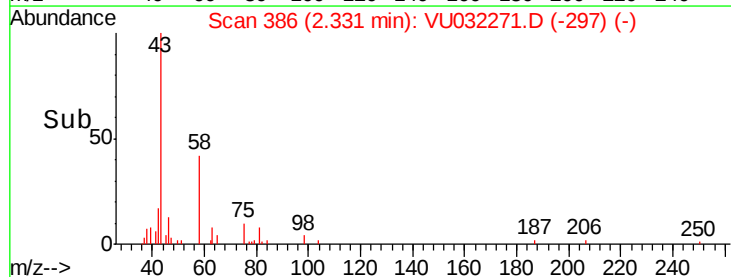
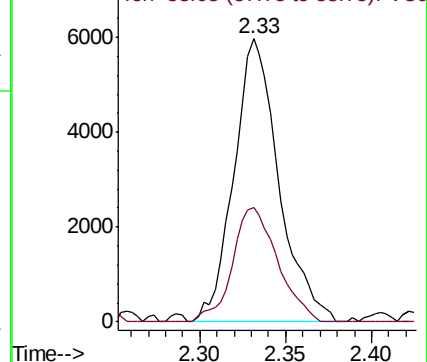
43 100

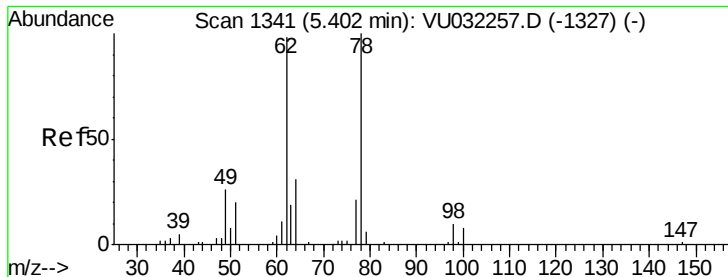
58 40.7 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#27

1,2-Dichloroethane

Concen: 0.175 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU032271.D

Acq: 23 May 2019 16:05

Instrument :

MSVOA_U

ClientSampleId :

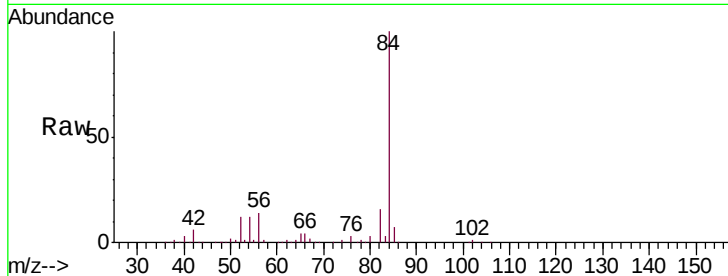
C0XJ3

Tgt Ion: 62 Resp: 2283

Ion Ratio Lower Upper

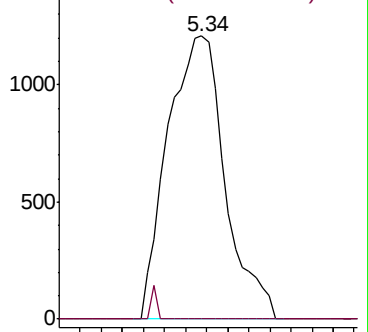
62 100

98 0.0 8.2 12.2#

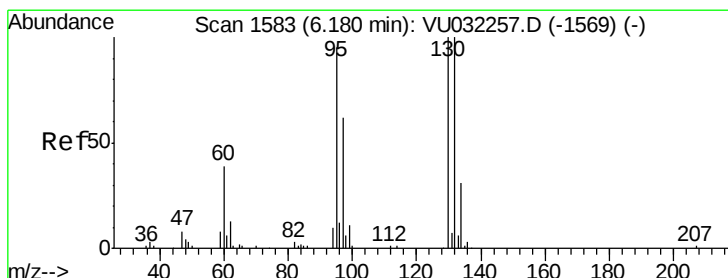
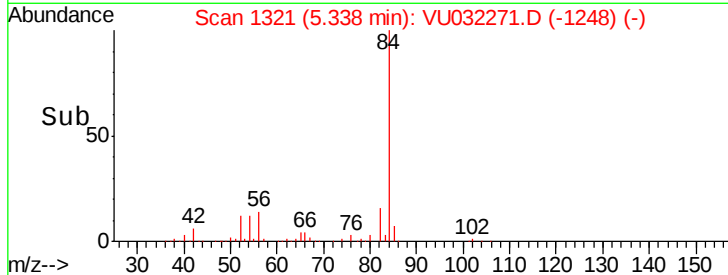


Abundance Ion 62.00 (61.70 to 62.70): VU032271.D (-1248) (-)

Ion 98.05 (97.75 to 98.75): VU032271.D (-1248) (-)



Time-->



#34

Trichloroethene

Concen: 0.167 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU032271.D

Acq: 23 May 2019 16:05

Tgt Ion: 95 Resp: 2229

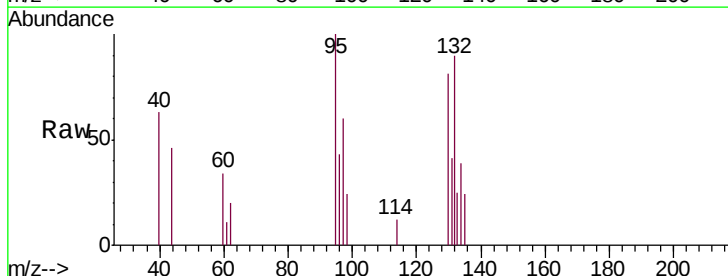
Ion Ratio Lower Upper

95 100

97 59.7 39.9 74.1

132 90.2 65.9 122.5

130 81.5 70.6 131.2

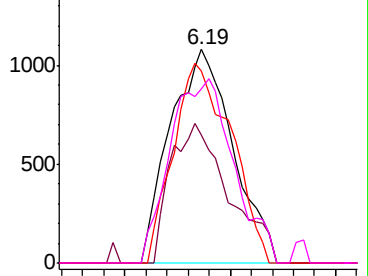


Abundance Ion 95.00 (94.70 to 95.70): VU032271.D (-1490) (-)

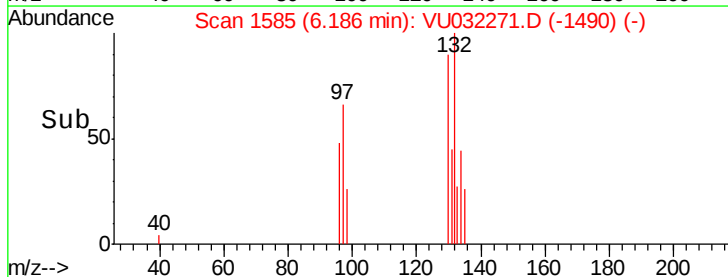
Ion 96.95 (96.65 to 97.65): VU032271.D (-1490) (-)

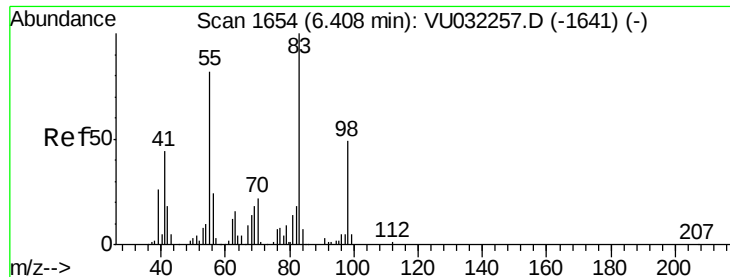
Ion 131.95 (131.65 to 132.65): VU032271.D (-1490) (-)

Ion 129.95 (129.65 to 130.65): VU032271.D (-1490) (-)



Time-->





#35

Methylcyclohexane

Concen: 1.417 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU032271.D

Acq: 23 May 2019 16:05

Instrument :

MSVOA_U

ClientSampleId :

C0XJ3

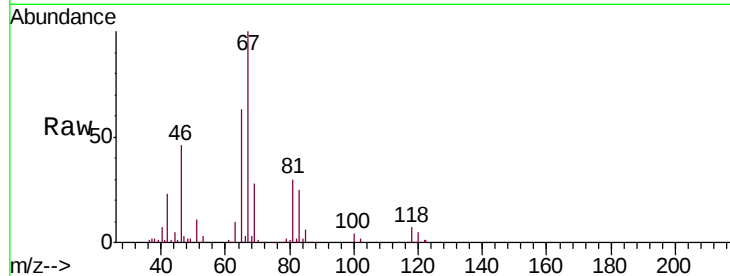
Tgt Ion: 83 Resp: 27793

Ion Ratio Lower Upper

83 100

55 0.1 59.7 89.5#

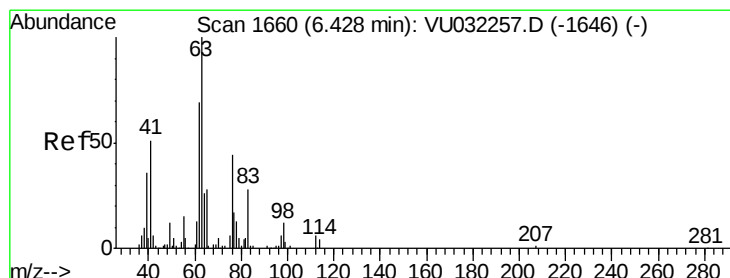
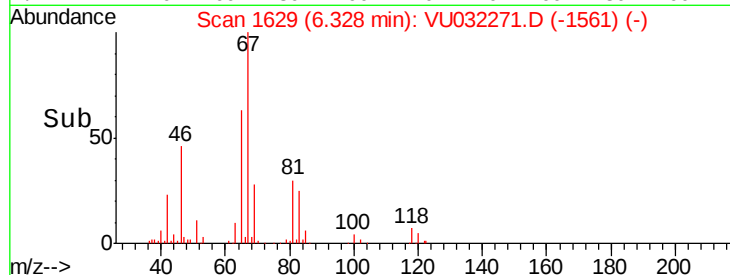
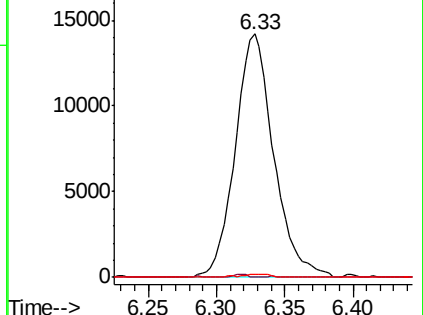
98 0.9 37.5 56.3#



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: 1.039 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032271.D

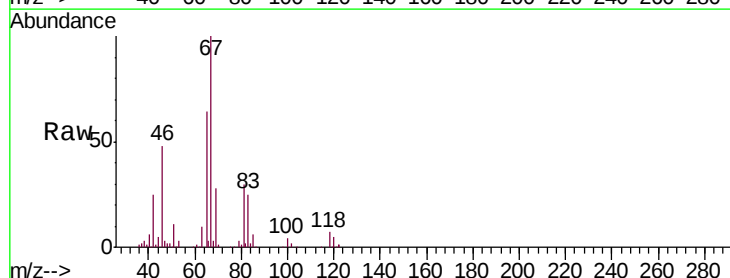
Acq: 23 May 2019 16:05

Tgt Ion: 63 Resp: 12407

Ion Ratio Lower Upper

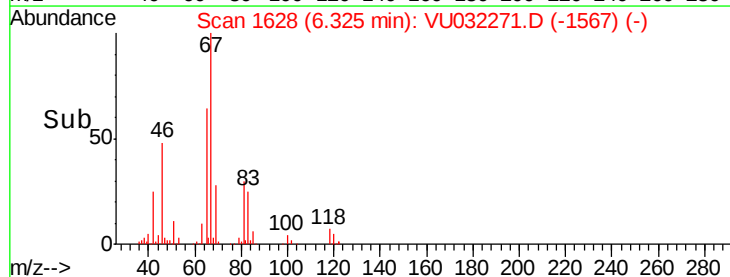
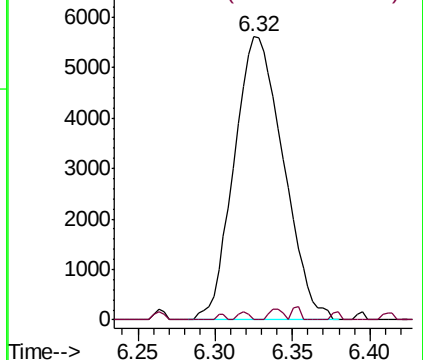
63 100

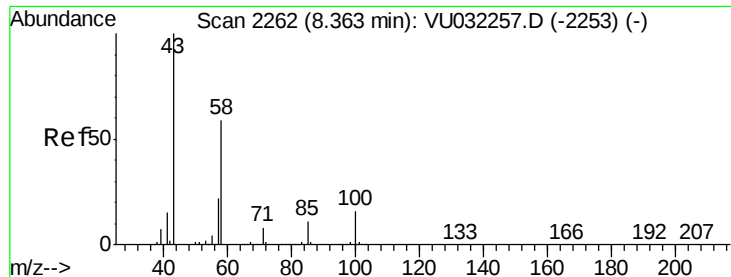
112 0.6 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

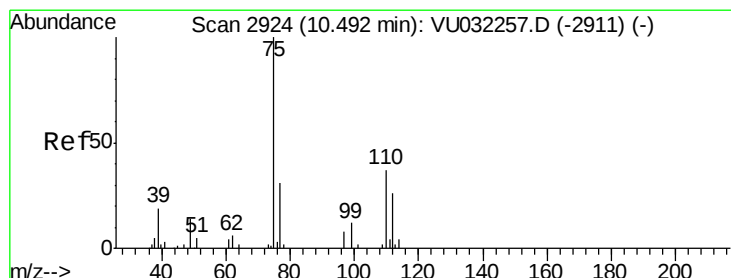
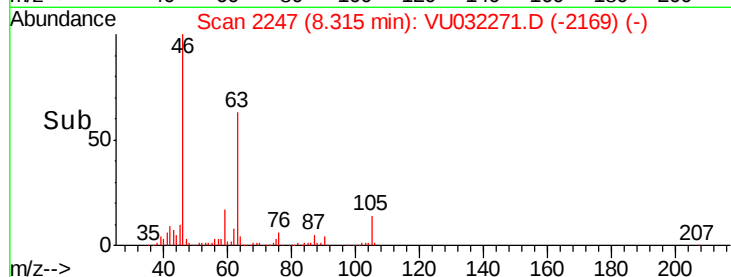
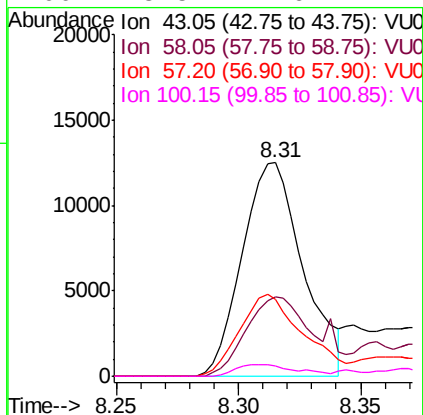
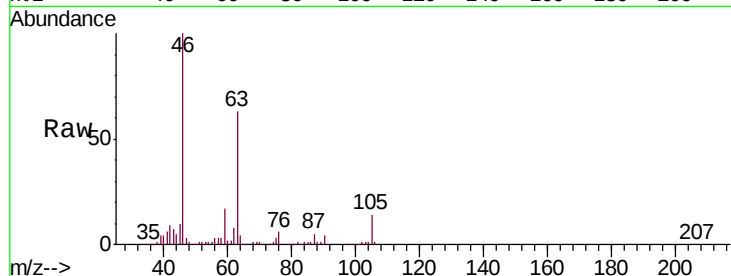




#48
 2-Hexanone
 Concen: 4.690 ug/L
 RT: 8.31 min Scan# 2247
 Delta R.T. -0.05 min
 Lab File: VU032271.D
 Acq: 23 May 2019 16:05

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XJ3

Tgt Ion: 43 Resp: 21715
 Ion Ratio Lower Upper
 43 100
 58 42.4 49.7 74.5#
 57 40.0 17.1 25.7#
 100 5.5 11.6 17.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.807 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU032271.D
 Acq: 23 May 2019 16:05

Tgt Ion: 75 Resp: 14053
 Ion Ratio Lower Upper
 75 100
 77 39.4 28.2 42.4

