

Data File : VU029422.D
Acq On : 12 Feb 2019 16:08
Operator : JC/SP
Sample : K1438-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Feb 13 03:29:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 13 03:26:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	201951	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	189049	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	104559	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64779	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.68	69	57582	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.27	63	102513	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.19	46	141651	50.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.42%
24) Chloroform-d	4.65	84	99825	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.31	65	56339	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.34	84	233282	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.33	67	68280	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.56	98	219945	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.85	79	29047	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.31	63	141558	51.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	57297	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	95000	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

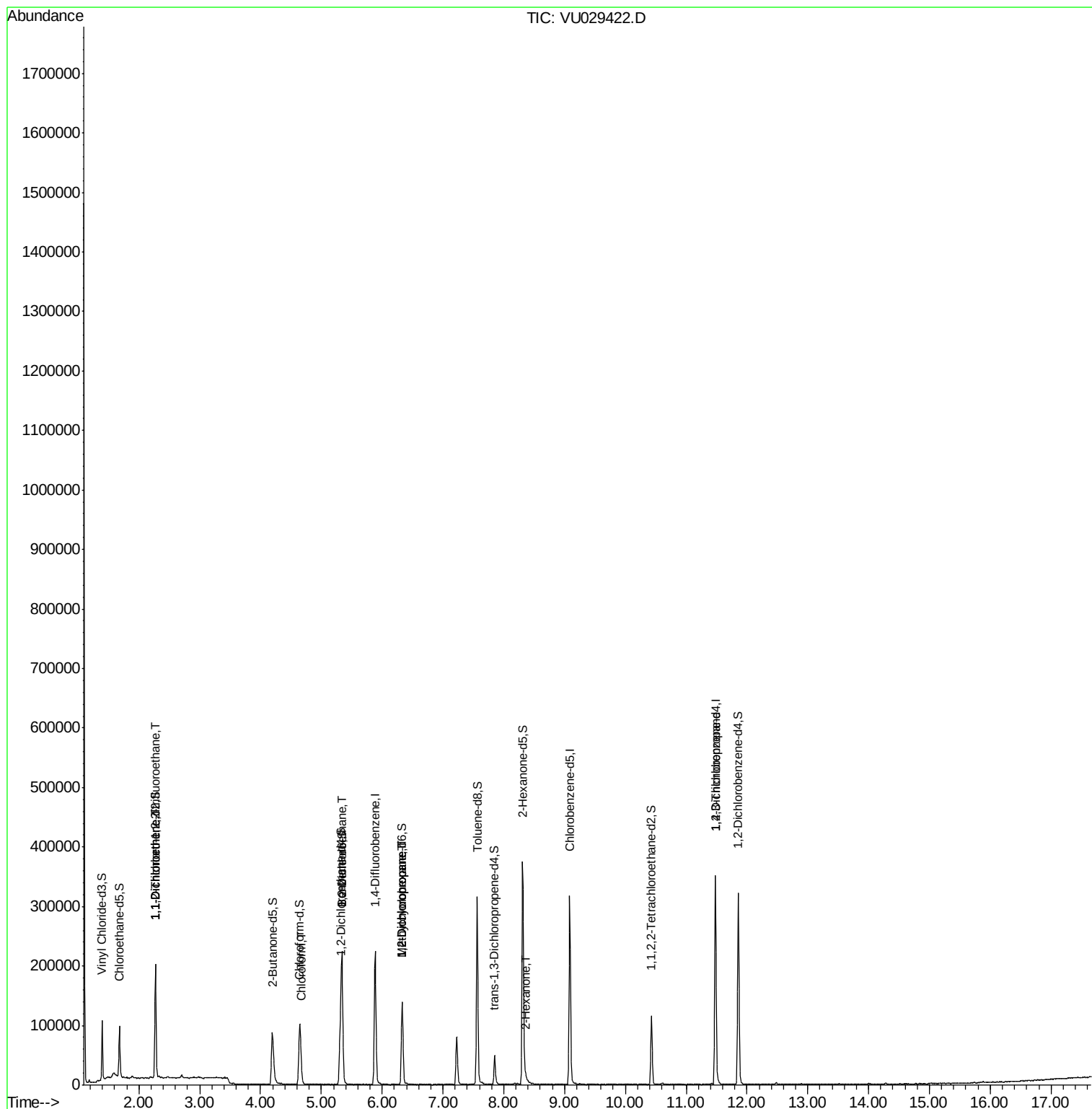
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1205	0.069	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1374	0.083	ug/L #	1
25) Chloroform	4.67	83	11611	0.435	ug/L	96
27) 1,2-Dichloroethane	5.34	62	1221	0.079	ug/L #	72
35) Methylcyclohexane	6.33	83	16994	0.646	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7234	0.519	ug/L #	87
48) 2-Hexanone	8.37	43	2860	0.488	ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	11240	1.257	ug/L	98

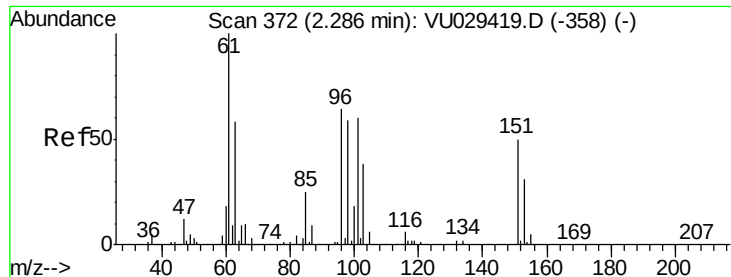
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.069 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029422.D

Acq: 12 Feb 2019 16:08

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

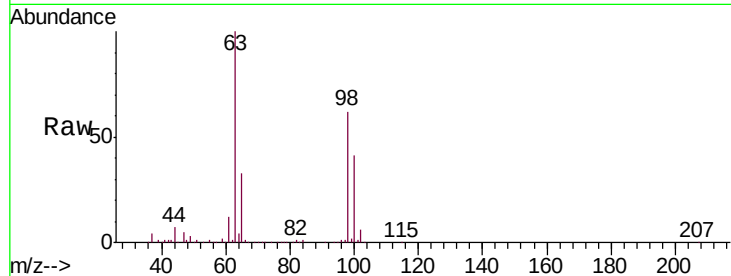
Tgt Ion: 101 Resp: 1205

Ion Ratio Lower Upper

101 100

85 3.7 35.1 52.7#

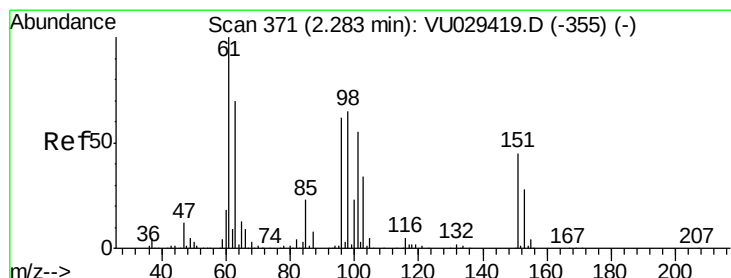
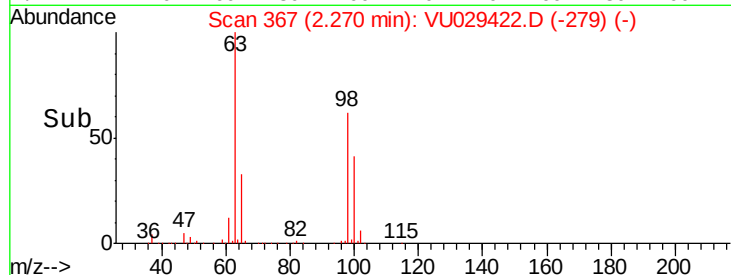
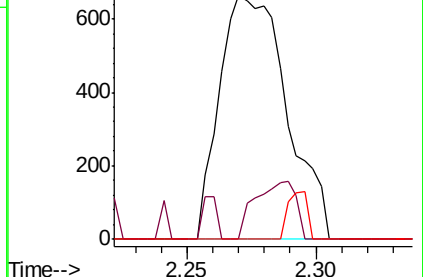
151 0.0 67.0 100.6#



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



#12

1,1-Dichloroethene

Concen: 0.083 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029422.D

Acq: 12 Feb 2019 16:08

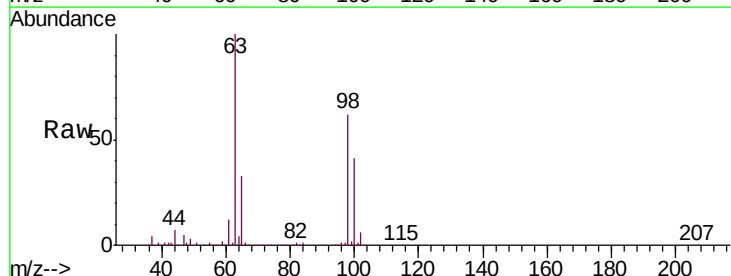
Tgt Ion: 96 Resp: 1374

Ion Ratio Lower Upper

96 100

61 1269.4 115.1 213.7#

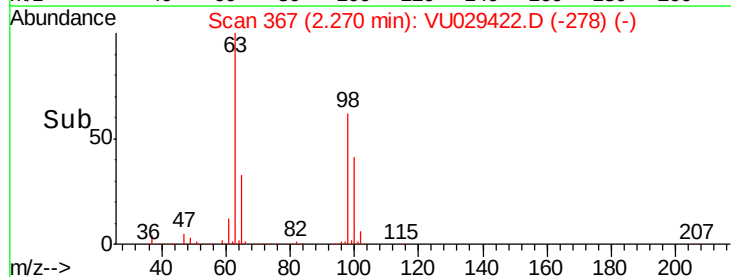
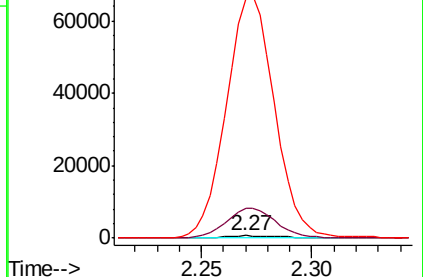
63 10202.2 83.5 155.1#

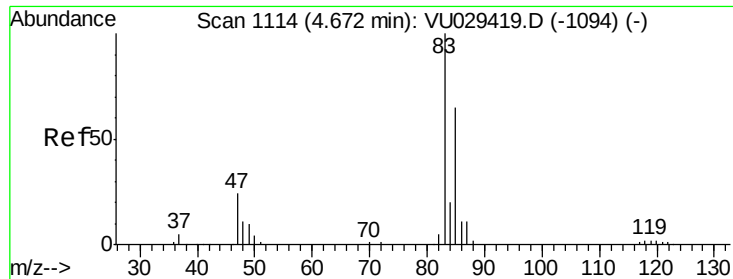


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

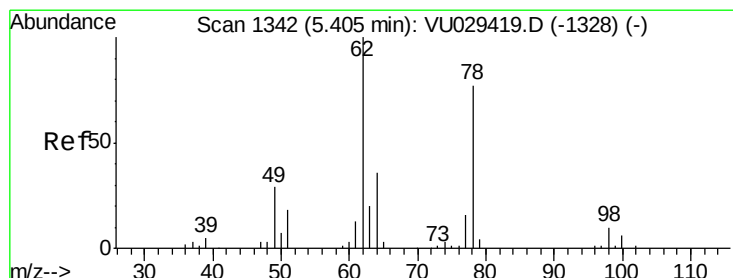
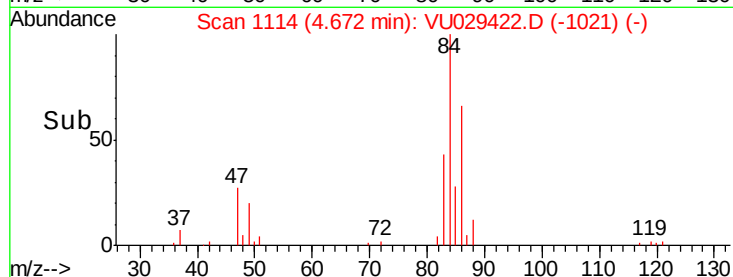
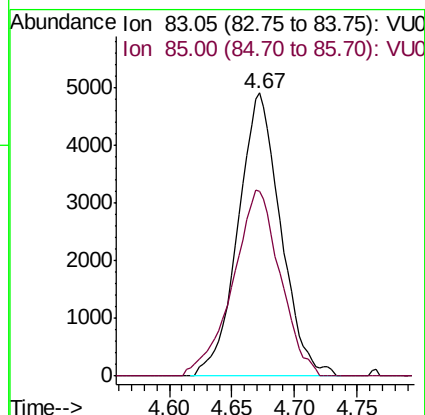
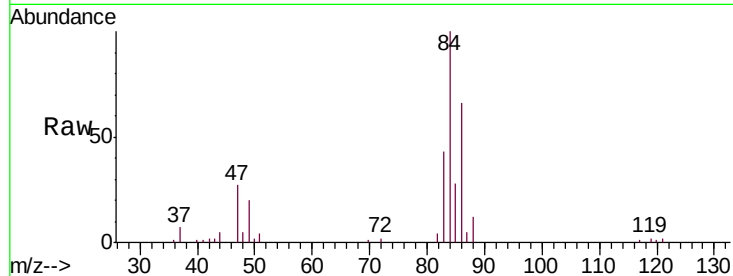




#25
Chloroform
Concen: 0.435 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VU029422.D
Acq: 12 Feb 2019 16:08

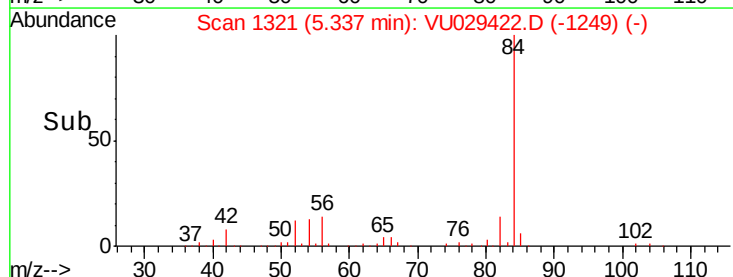
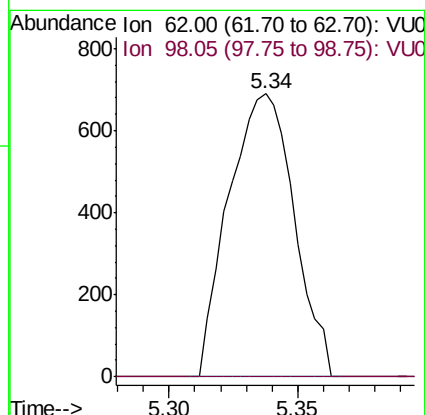
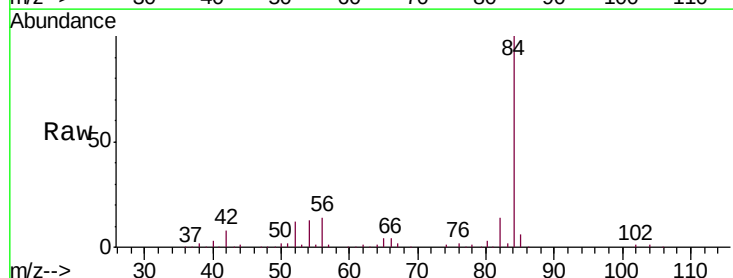
Instrument :
MSVOA_U
ClientSampled :
VHBLK01

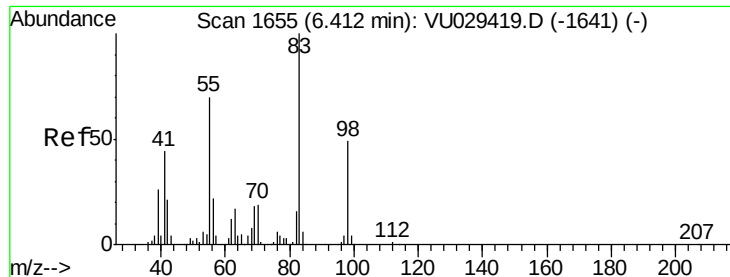
Tgt Ion: 83 Resp: 11611
Ion Ratio Lower Upper
83 100
85 65.3 47.8 88.8



#27
1,2-Dichloroethane
Concen: 0.079 ug/L
RT: 5.34 min Scan# 1321
Delta R.T. -0.07 min
Lab File: VU029422.D
Acq: 12 Feb 2019 16:08

Tgt Ion: 62 Resp: 1221
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#

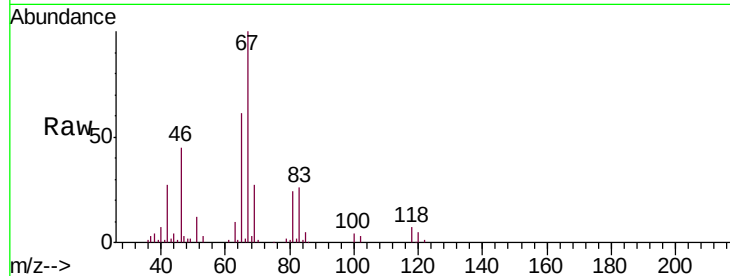




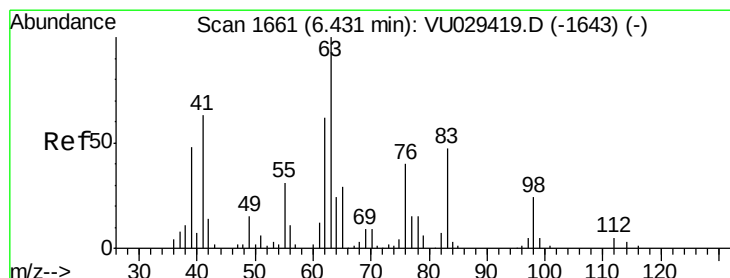
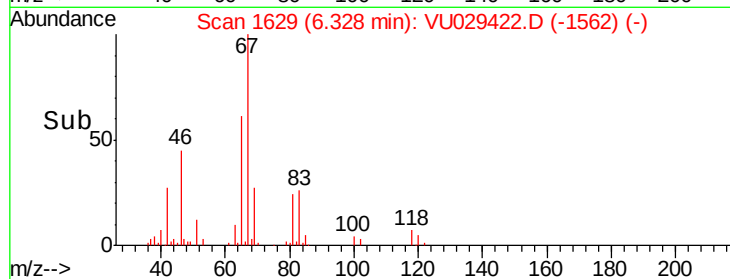
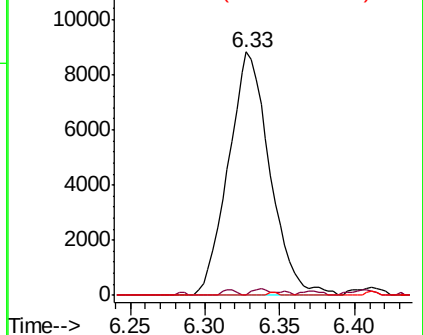
#35
Methylcyclohexane
Concen: 0.646 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029422.D
Acq: 12 Feb 2019 16:08

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 16994
Ion Ratio Lower Upper
83 100
55 1.1 55.9 83.9#
98 0.0 38.6 57.8#

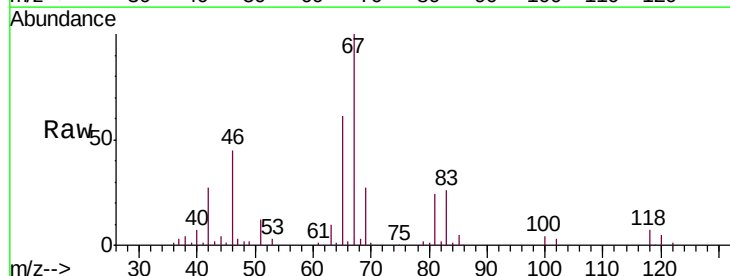


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

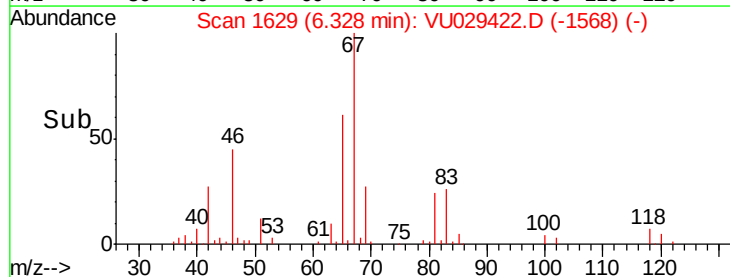
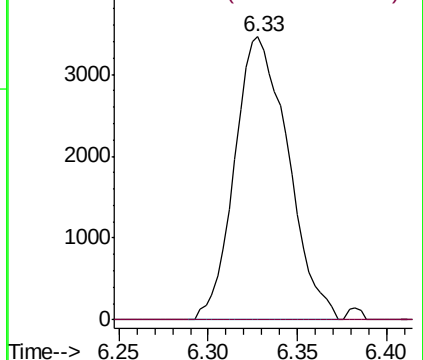


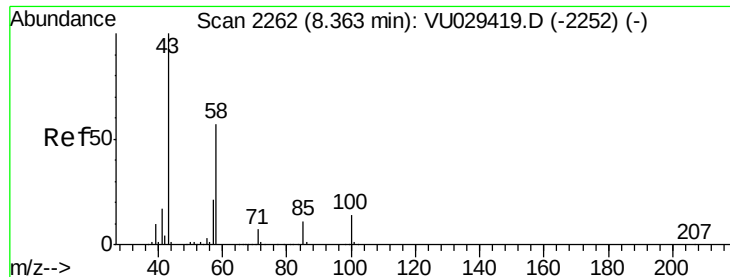
#37
1,2-Dichloropropane
Concen: 0.519 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029422.D
Acq: 12 Feb 2019 16:08

Tgt Ion: 63 Resp: 7234
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

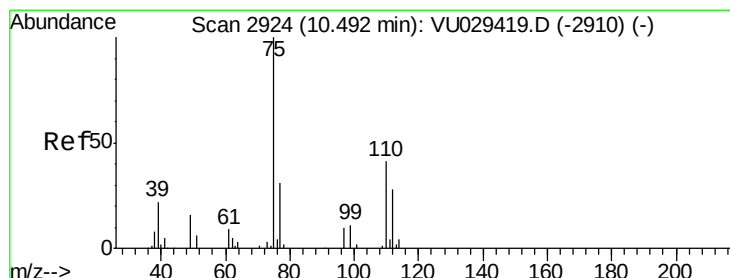
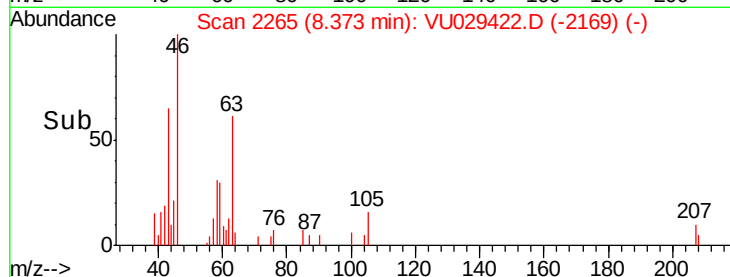
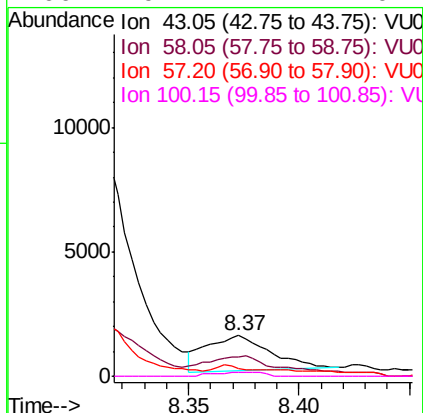
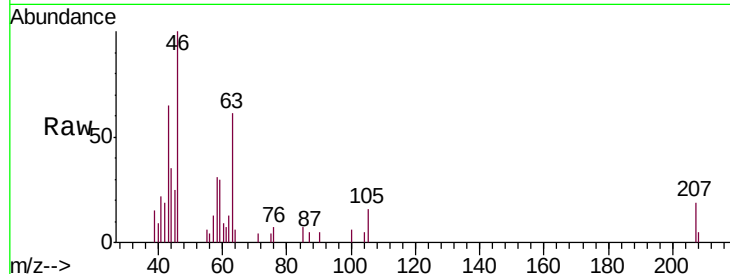




#48
 2-Hexanone
 Concen: 0.488 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU029422.D
 Acq: 12 Feb 2019 16:08

Instrument :
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 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 2860
 Ion Ratio Lower Upper
 43 100
 58 54.2 45.7 68.5
 57 6.1 16.4 24.6#
 100 9.1 11.1 16.7#



#59
 1,2,3-Trichloropropane
 Concen: 1.257 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029422.D
 Acq: 12 Feb 2019 16:08

Tgt Ion: 75 Resp: 11240
 Ion Ratio Lower Upper
 75 100
 77 33.8 28.2 42.2

