

Data File : VU032275.D
Acq On : 23 May 2019 17:49
Operator : JC/SP
Sample : K3018-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XJ7

Quant Time: May 24 02:59:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 02:55:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	345899	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	361540	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	147551	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79650	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.68	69	80923	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.27	63	130254	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.20	46	265777	48.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.00%
24) Chloroform-d	4.64	84	229989	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.31	65	127266	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.33	84	438552	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.33	67	147534	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.56	98	384516	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	7.85	79	52983	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.31	63	220775	45.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	154631	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	196397	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

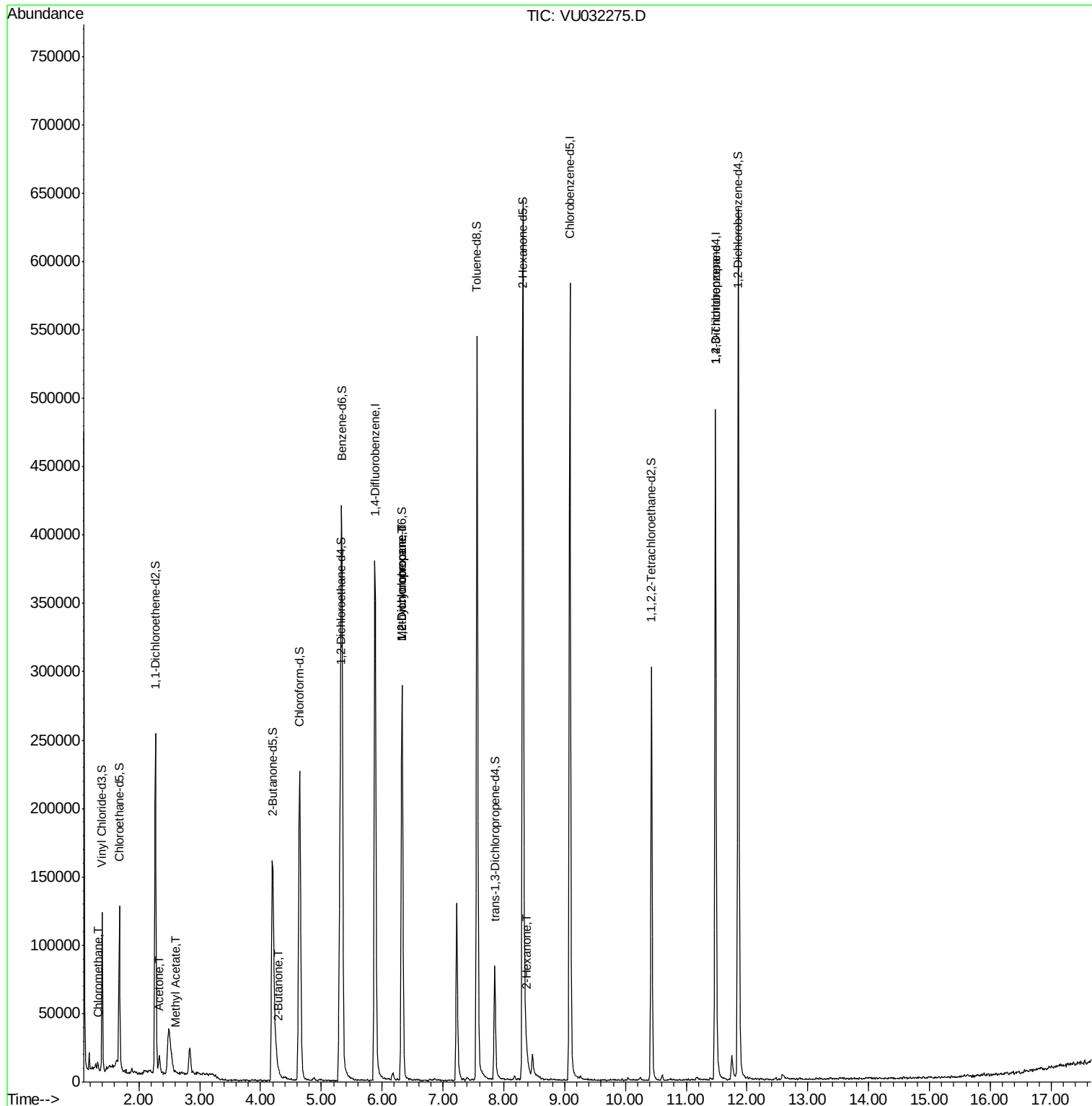
					Qvalue
3) Chloromethane	1.32	50	3437	0.232 ug/L	95
13) Acetone	2.33	43	9111	5.367 ug/L	83
15) Methyl Acetate	2.62	43	1717	0.345 ug/L #	78
21) 2-Butanone	4.30	43	4263	1.665 ug/L	100
35) Methylcyclohexane	6.33	83	35484	1.835 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	14907	1.266 ug/L #	86
48) 2-Hexanone	8.38	43	8121	1.779 ug/L #	36
59) 1,2,3-Trichloropropane	11.48	75	15064	1.964 ug/L	93

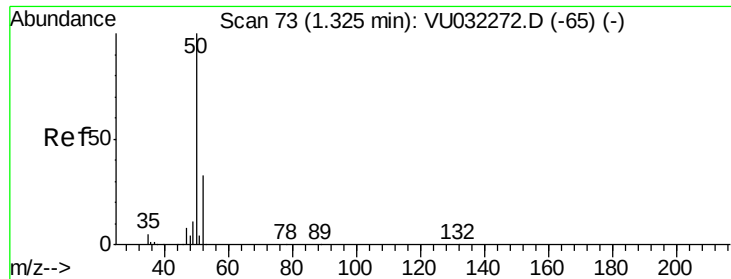
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.232 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032275.D

Acq: 23 May 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

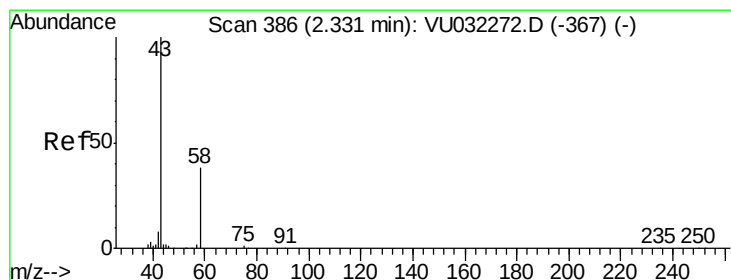
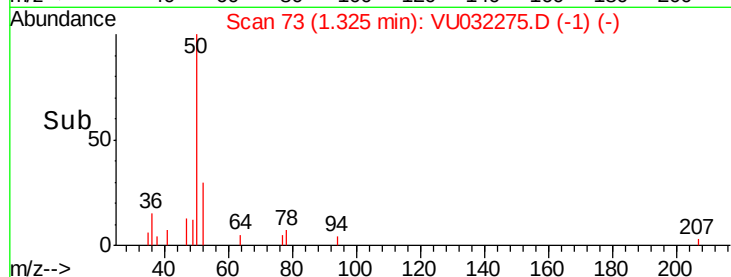
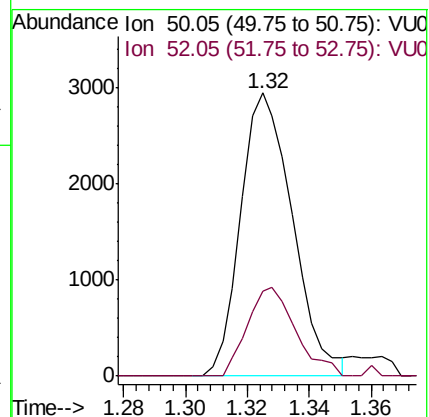
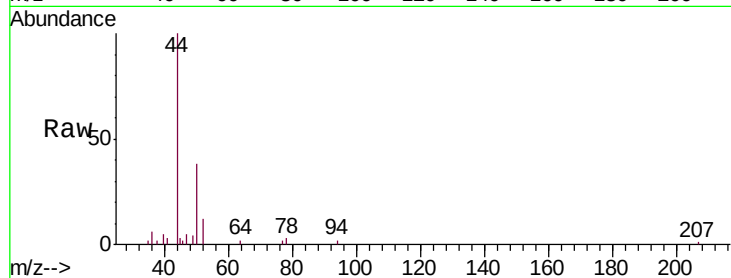
C0XJ7

Tgt Ion: 50 Resp: 3437

Ion Ratio Lower Upper

50 100

52 30.2 23.3 43.3



#13

Acetone

Concen: 5.367 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.00 min

Lab File: VU032275.D

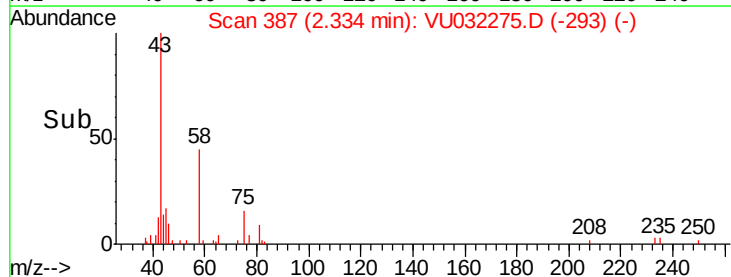
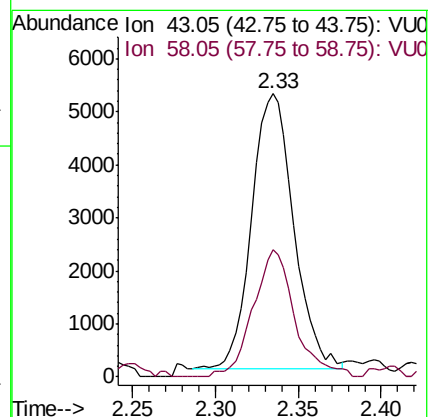
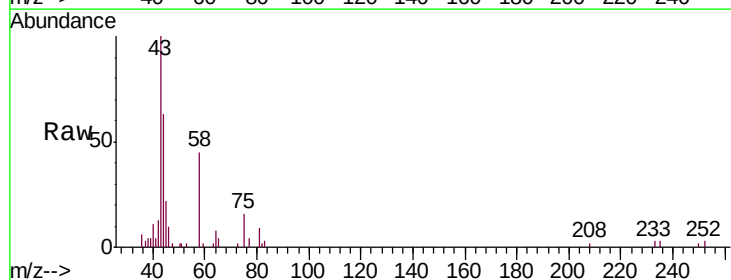
Acq: 23 May 2019 17:49

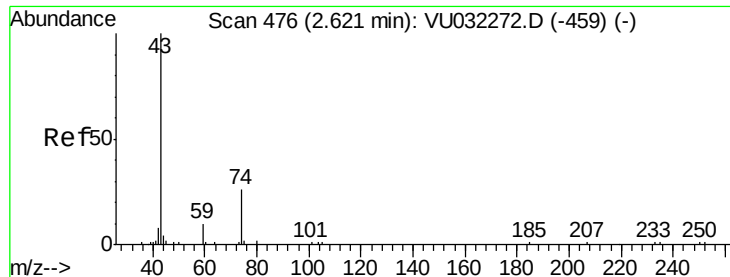
Tgt Ion: 43 Resp: 9111

Ion Ratio Lower Upper

43 100

58 46.2 0.0 72.6

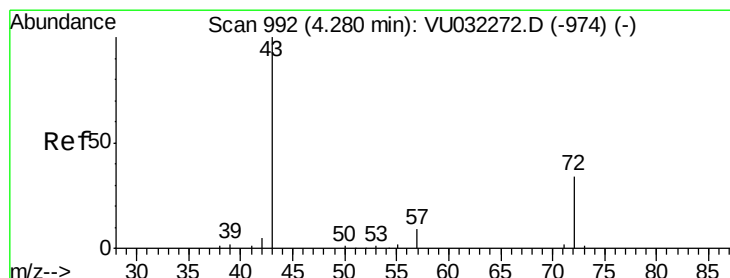
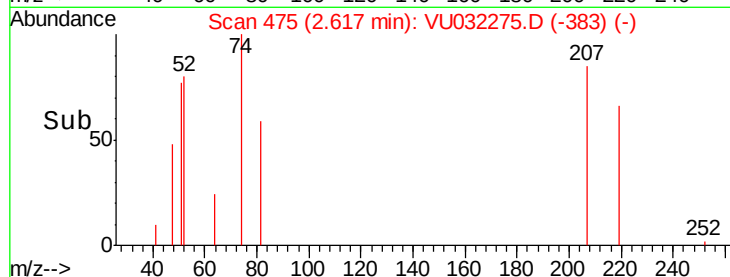
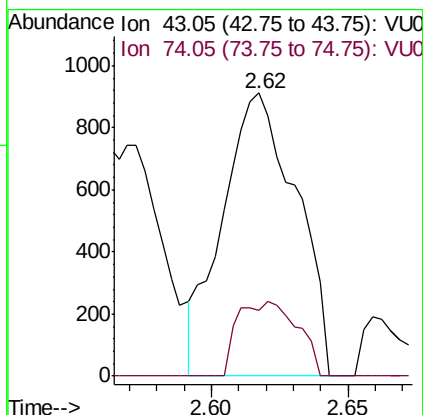
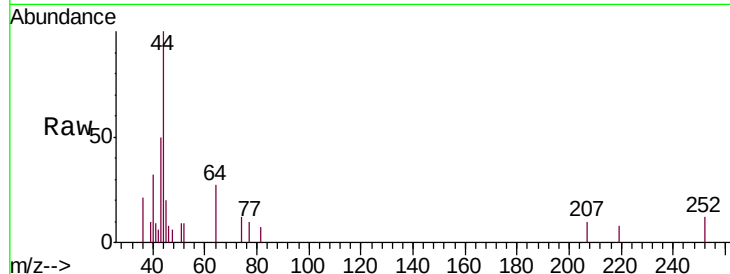




#15
Methyl Acetate
Concen: 0.345 ug/L
RT: 2.62 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU032275.D
Acq: 23 May 2019 17:49

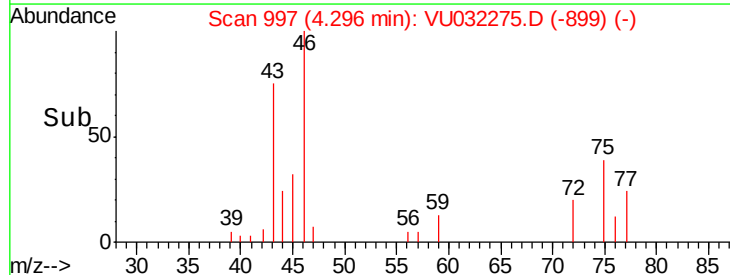
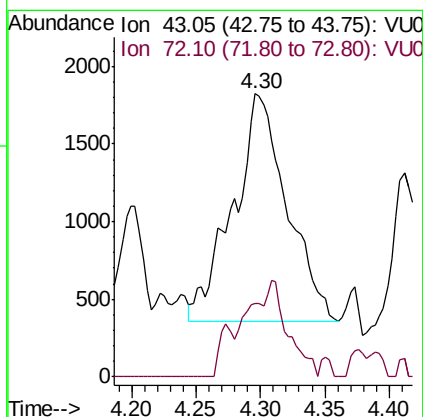
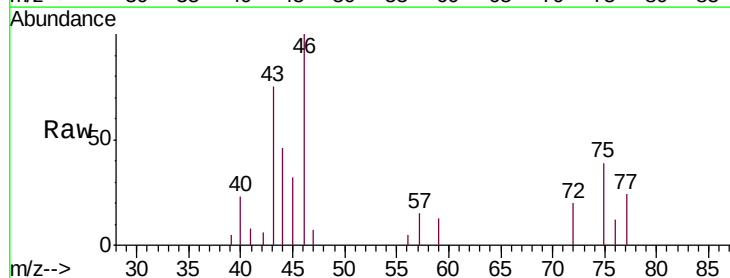
Instrument :
MSVOA_U
ClientSampled :
C0XJ7

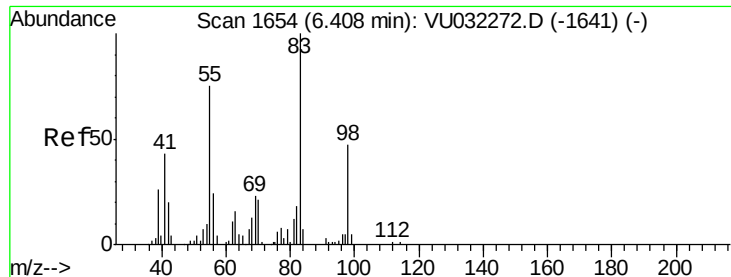
Tgt Ion: 43 Resp: 1717
Ion Ratio Lower Upper
43 100
74 21.4 27.3 40.9#



#21
2-Butanone
Concen: 1.665 ug/L
RT: 4.30 min Scan# 997
Delta R.T. 0.02 min
Lab File: VU032275.D
Acq: 23 May 2019 17:49

Tgt Ion: 43 Resp: 4263
Ion Ratio Lower Upper
43 100
72 30.4 15.2 45.6

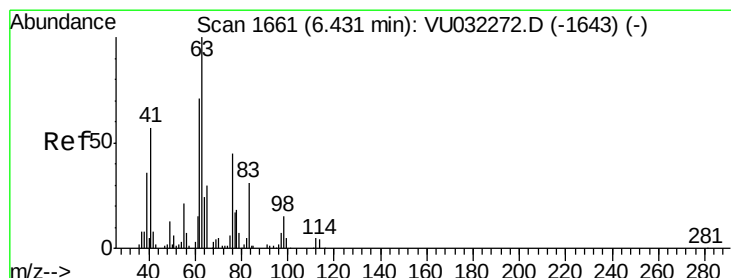
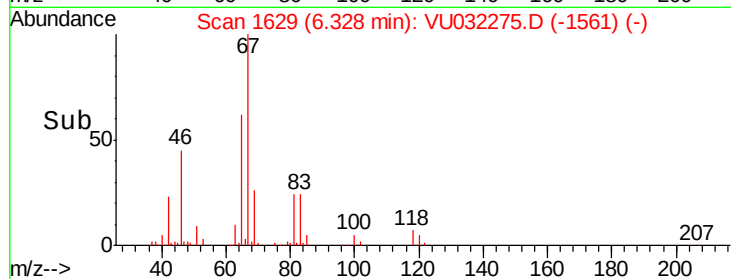
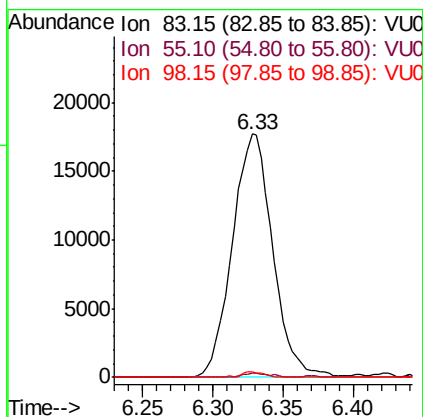
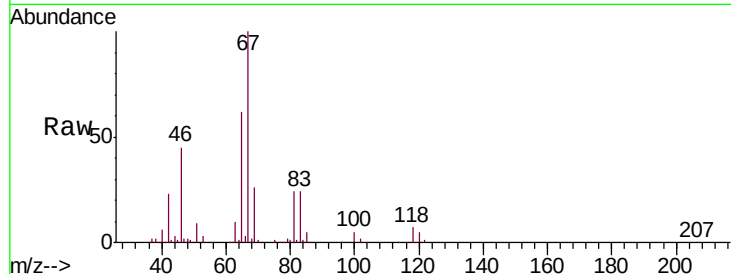




#35
Methylcyclohexane
Concen: 1.835 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032275.D
Acq: 23 May 2019 17:49

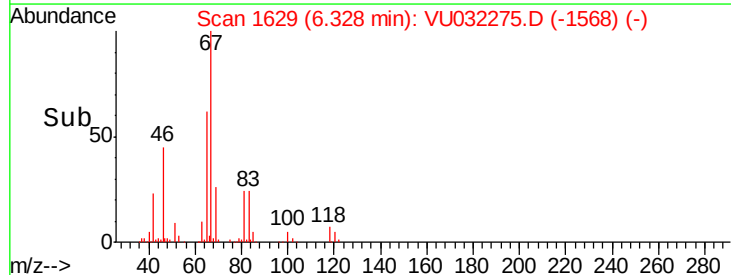
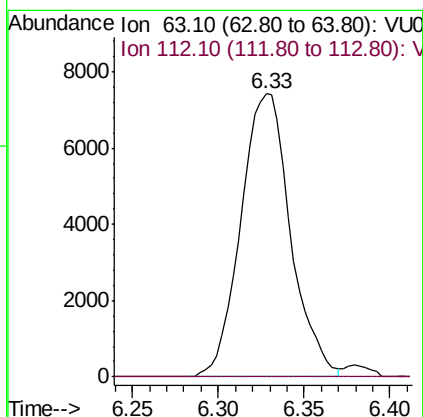
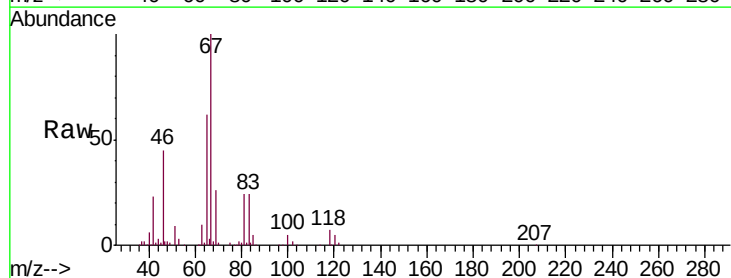
Instrument :
MSVOA_U
ClientSampleId :
C0XJ7

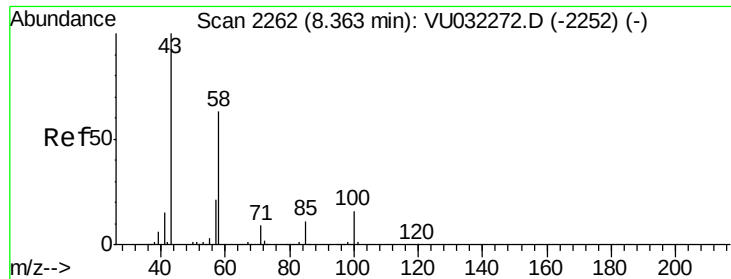
Tgt Ion: 83 Resp: 35484
Ion Ratio Lower Upper
83 100
55 1.1 59.7 89.5#
98 1.2 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 1.266 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032275.D
Acq: 23 May 2019 17:49

Tgt Ion: 63 Resp: 14907
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.8#

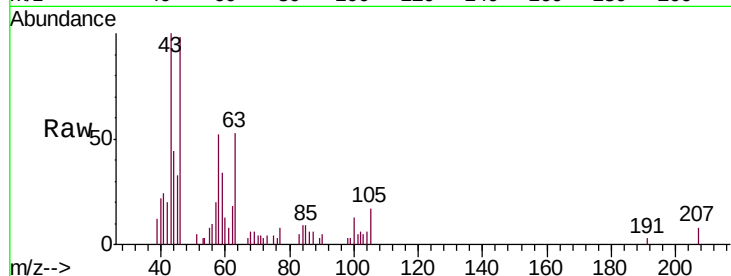




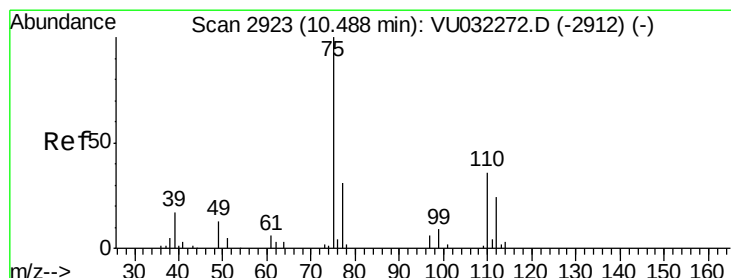
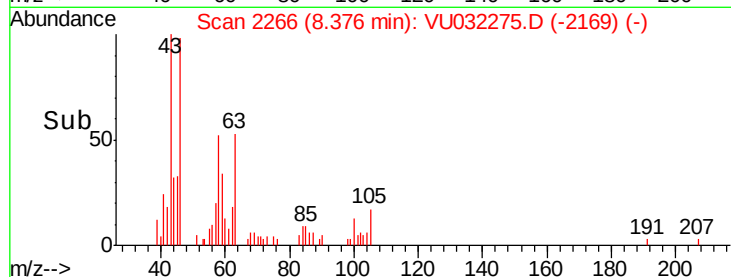
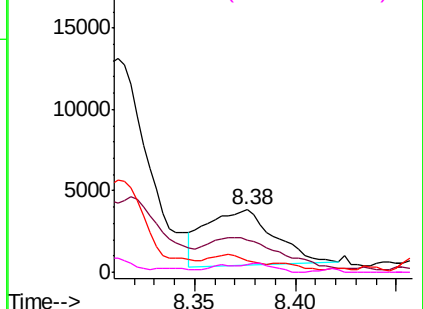
#48
 2-Hexanone
 Concen: 1.779 ug/L
 RT: 8.38 min Scan# 2266
 Delta R.T. 0.01 min
 Lab File: VU032275.D
 Acq: 23 May 2019 17:49

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XJ7

Tgt Ion: 43 Resp: 8121
 Ion Ratio Lower Upper
 43 100
 58 0.0 49.7 74.5#
 57 0.0 17.1 25.7#
 100 7.1 11.6 17.4#

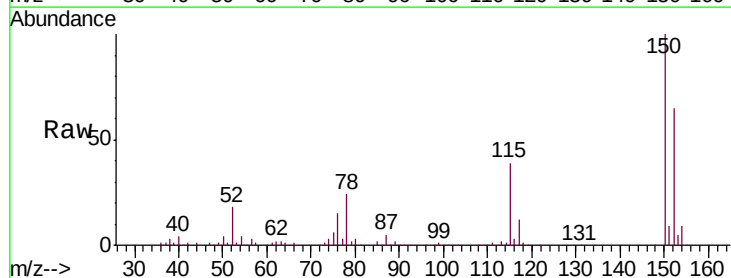


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 1.964 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032275.D
 Acq: 23 May 2019 17:49

Tgt Ion: 75 Resp: 15064
 Ion Ratio Lower Upper
 75 100
 77 39.6 28.2 42.4



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

