

Data File : VU032801.D
Acq On : 17 Jun 2019 22:24
Operator : JC/SP
Sample : K3324-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JS2

Quant Time: Jun 18 02:46:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	215487	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	211681	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105869	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	58822	39.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.88%
7) Chloroethane-d5	1.68	69	52318	44.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.08%
11) 1,1-Dichloroethene-d2	2.26	63	93051	31.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.72%
21) 2-Butanone-d5	4.17	46	145541	118.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.74%
24) Chloroform-d	4.64	84	130223	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.98%
26) 1,2-Dichloroethane-d4	5.30	65	92794	48.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.32%
32) Benzene-d6	5.33	84	251863	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.28%
36) 1,2-Dichloropropane-d6	6.32	67	85534	48.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.32%
41) Toluene-d8	7.56	98	231669	44.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.66%
43) trans-1,3-Dichloropropene-	7.84	79	39981	43.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.44%
47) 2-Hexanone-d5	8.30	63	103211	125.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	131987	48.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.14%
64) 1,2-Dichlorobenzene-d4	11.85	152	100518	49.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.12%

Target Compounds

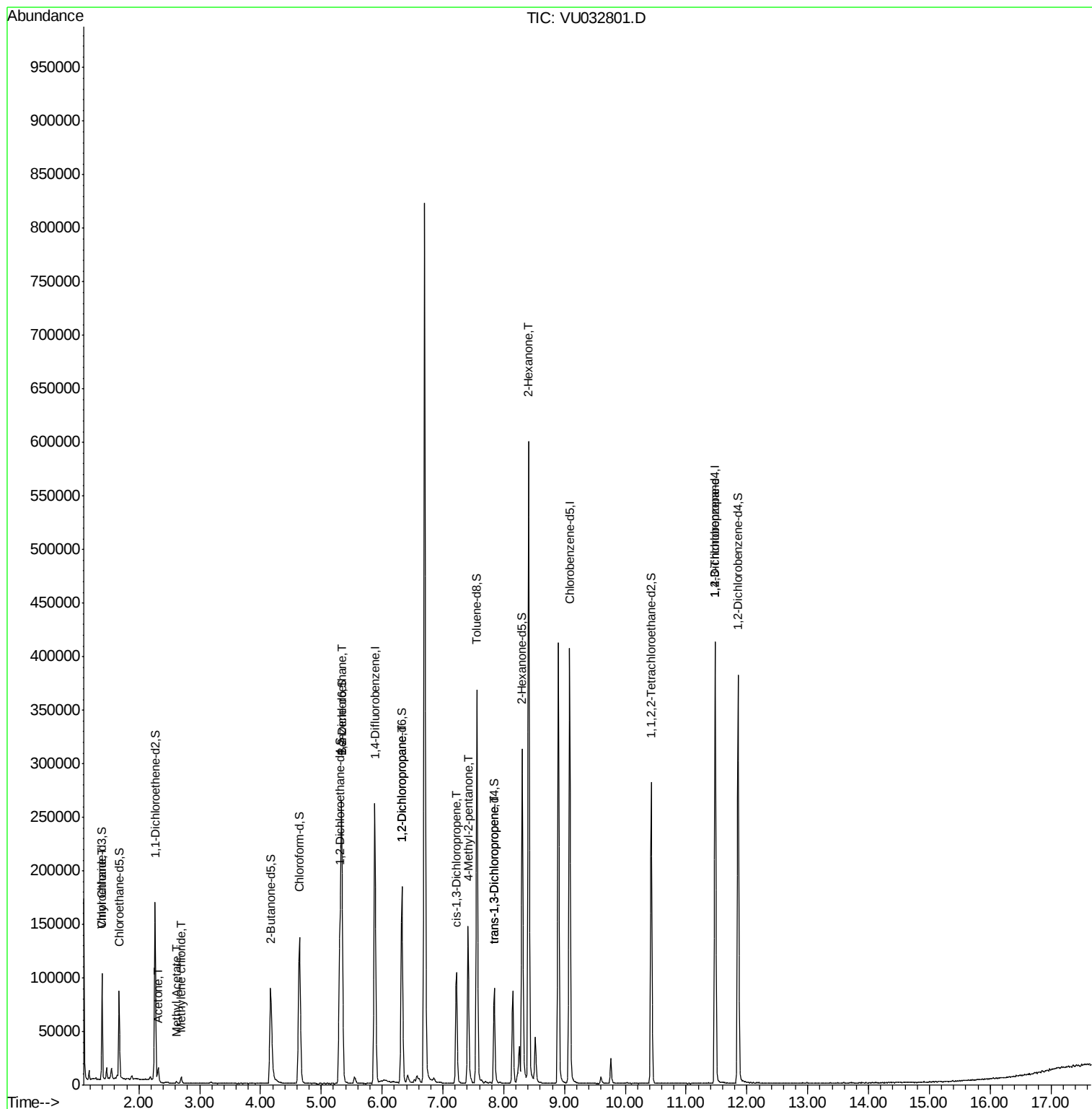
					Qvalue
8) Chloroethane	1.40	64	880	0.781 ug/L #	1
13) Acetone	2.32	43	13237	7.819 ug/L	98
15) Methyl Acetate	2.62	43	2390	1.245 ug/L #	84
16) Methylene chloride	2.69	84	2333	1.465 ug/L	93
27) 1,2-Dichloroethane	5.33	62	1667	0.701 ug/L #	77
37) 1,2-Dichloropropane	6.32	63	9969	5.960 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3033	1.164 ug/L #	72
40) 4-Methyl-2-pentanone	7.41	43	57154	21.402 ug/L #	53
44) trans-1,3-Dichloropropene	7.85	75	2116	0.864 ug/L	84
48) 2-Hexanone	8.41	43	83164	35.295 ug/L #	1
59) 1,2,3-Trichloropropane	11.48	75	12801	5.734 ug/L #	87

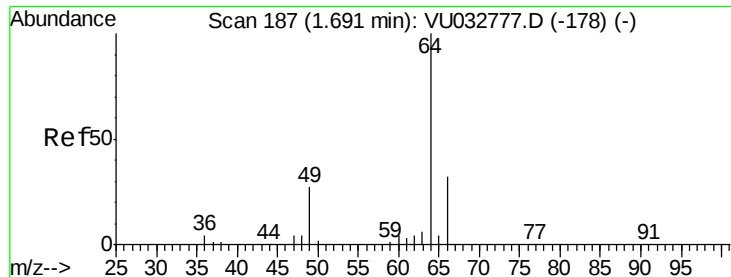
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.781 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.30 min

Lab File: VU032801.D

Acq: 17 Jun 2019 22:24

Instrument :

MSVOA_U

ClientSampleId :

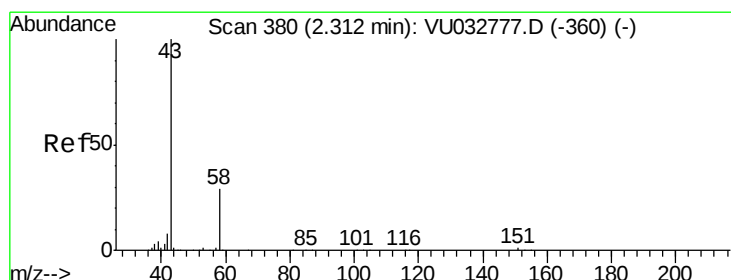
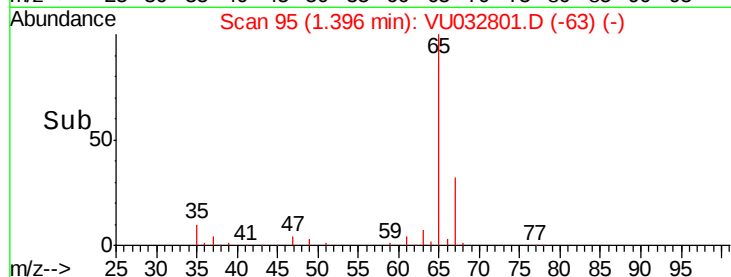
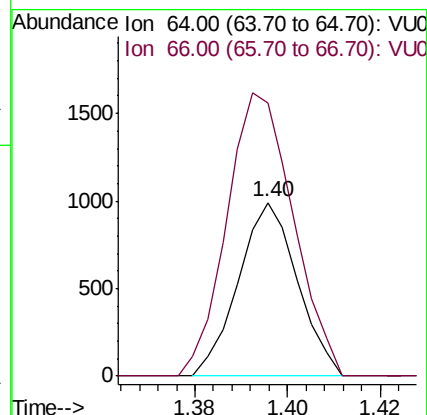
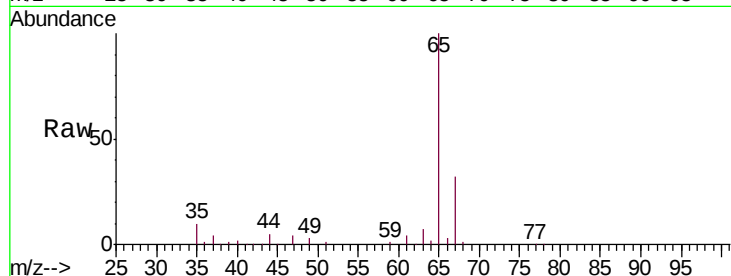
C0JS2

Tgt Ion: 64 Resp: 880

Ion Ratio Lower Upper

64 100

66 157.2 22.5 41.7#



#13

Acetone

Concen: 7.819 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VU032801.D

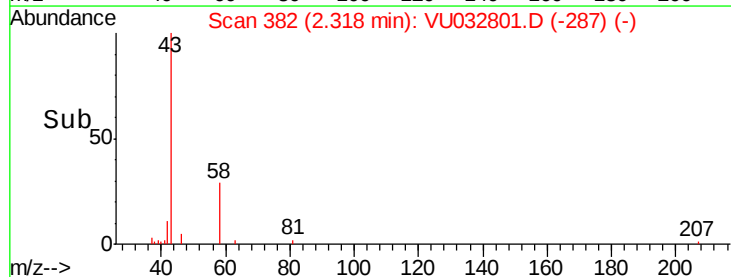
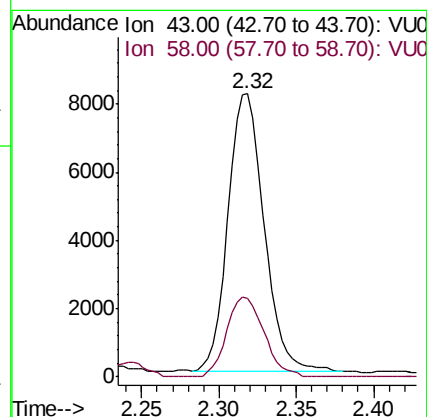
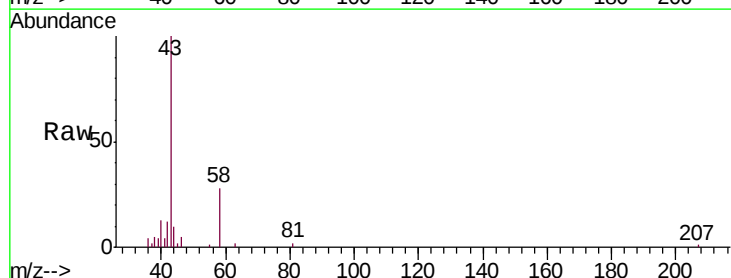
Acq: 17 Jun 2019 22:24

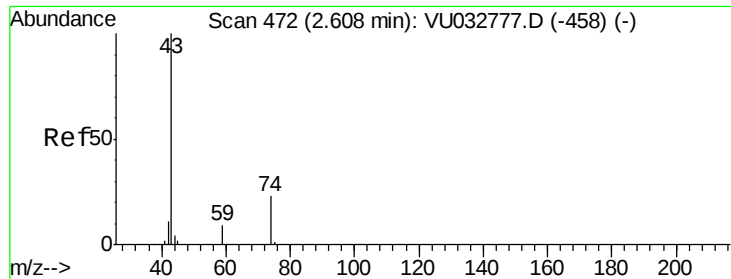
Tgt Ion: 43 Resp: 13237

Ion Ratio Lower Upper

43 100

58 29.4 0.0 60.6

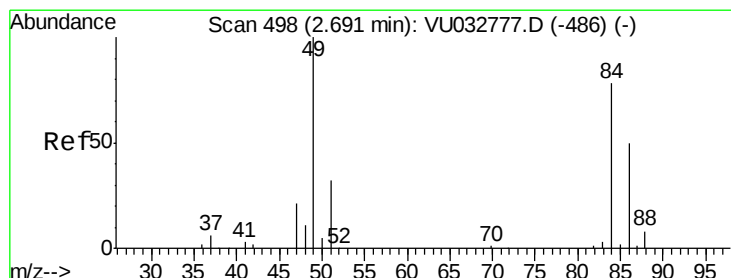
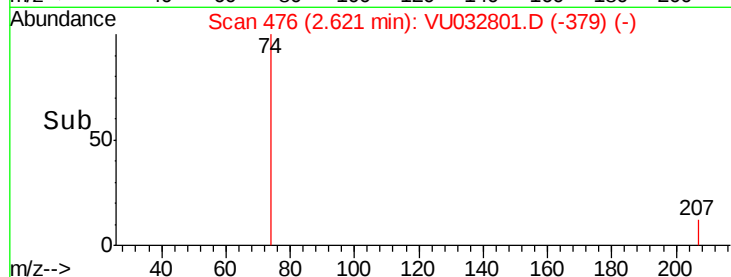
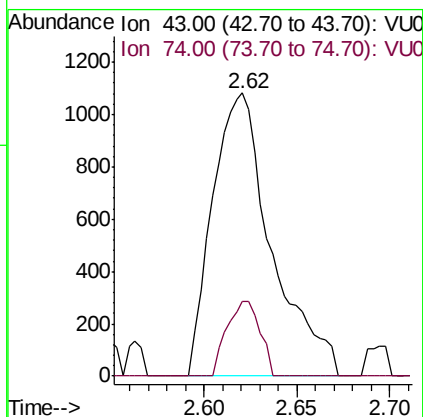
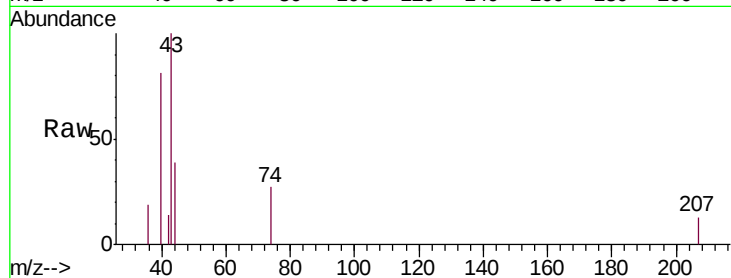




#15
Methyl Acetate
Concen: 1.245 ug/L
RT: 2.62 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU032801.D
Acq: 17 Jun 2019 22:24

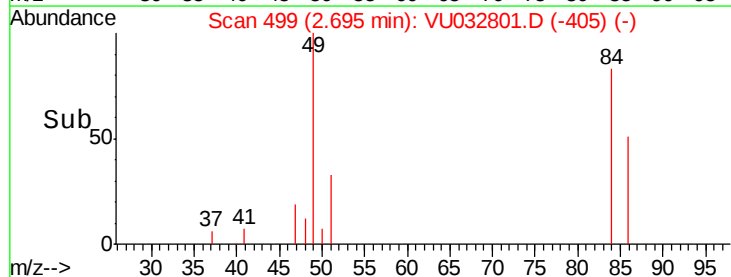
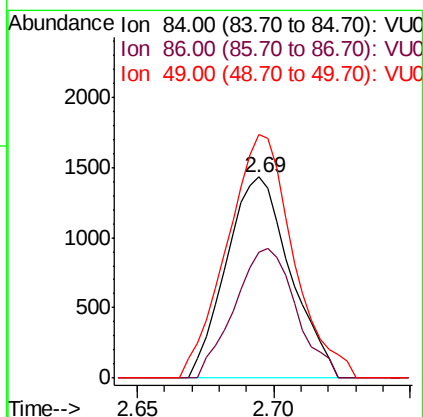
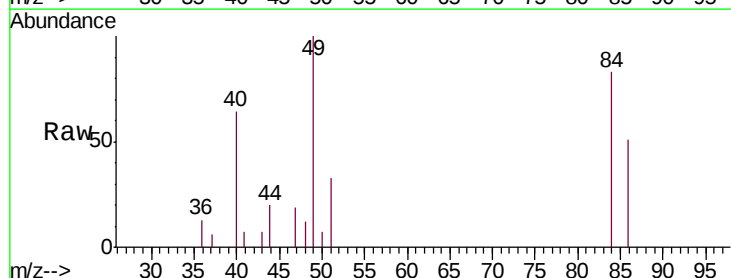
Instrument :
MSVOA_U
ClientSampleId :
C0JS2

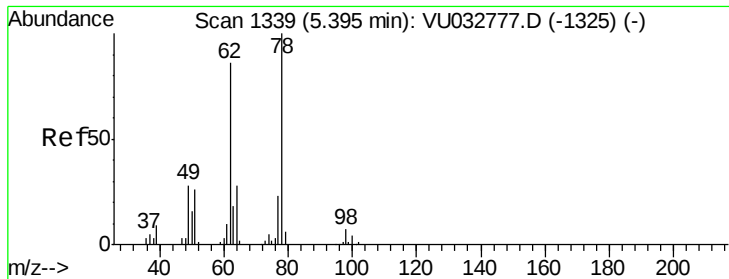
Tgt Ion: 43 Resp: 2390
Ion Ratio Lower Upper
43 100
74 14.9 18.1 27.1#



#16
Methylene chloride
Concen: 1.465 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032801.D
Acq: 17 Jun 2019 22:24

Tgt Ion: 84 Resp: 2333
Ion Ratio Lower Upper
84 100
86 62.4 45.5 84.5
49 121.2 92.1 171.1

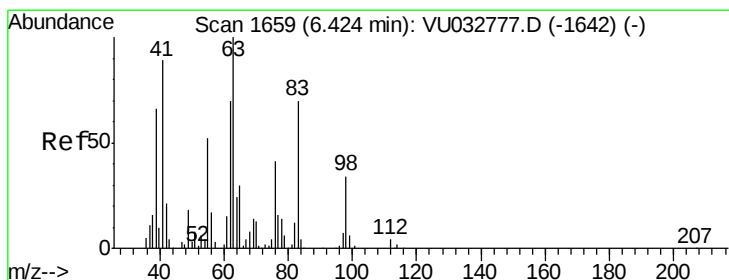
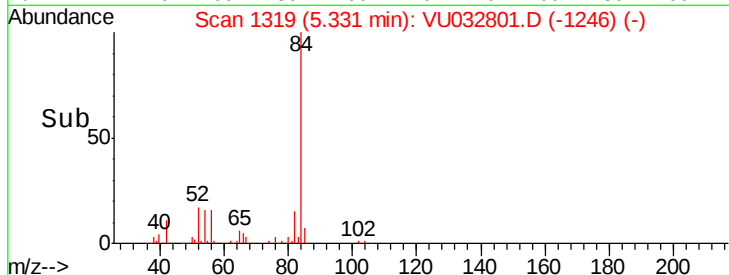
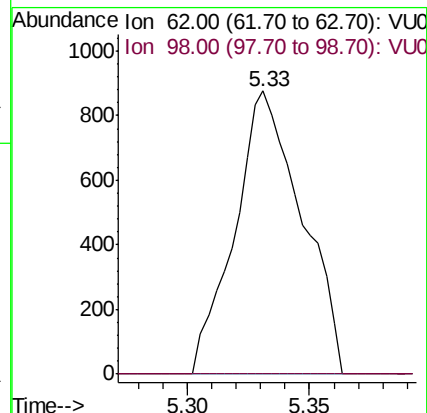
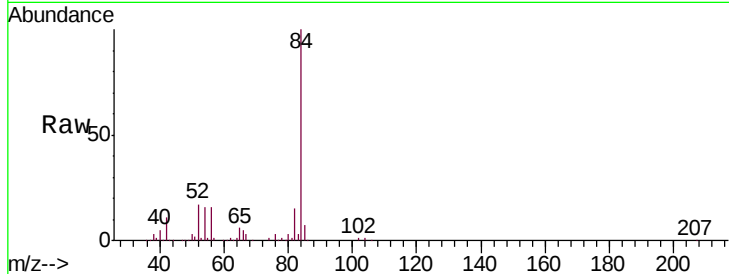




#27
 1,2-Dichloroethane
 Concen: 0.701 ug/L
 RT: 5.33 min Scan# 1319
 Delta R.T. -0.06 min
 Lab File: VU032801.D
 Acq: 17 Jun 2019 22:24

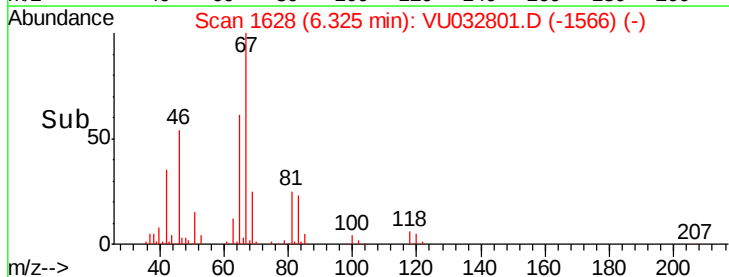
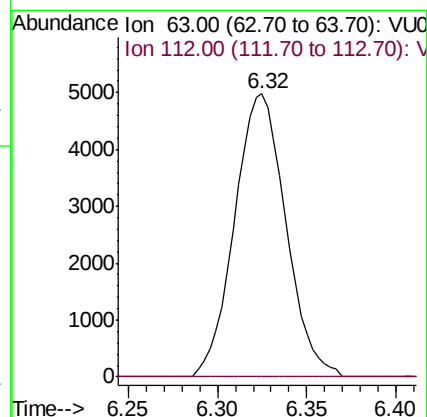
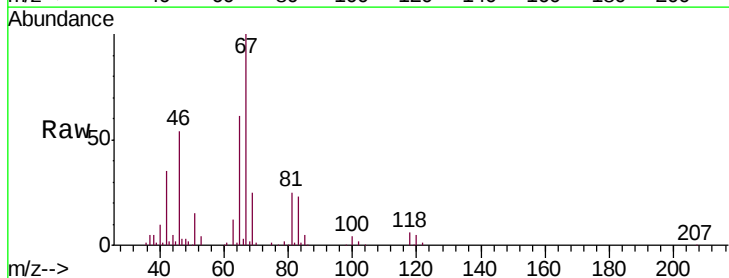
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JS2

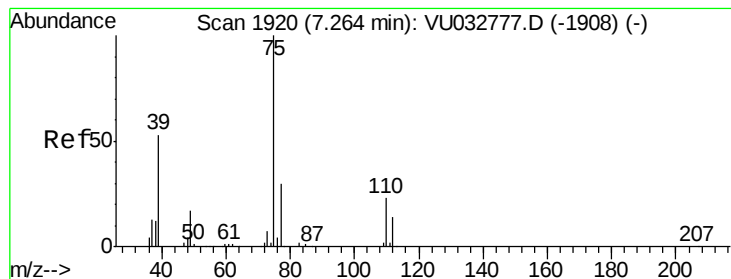
Tgt Ion: 62 Resp: 1667
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#37
 1,2-Dichloropropane
 Concen: 5.960 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032801.D
 Acq: 17 Jun 2019 22:24

Tgt Ion: 63 Resp: 9969
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 1.164 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU032801.D

Acq: 17 Jun 2019 22:24

Instrument :

MSVOA_U

ClientSampleId :

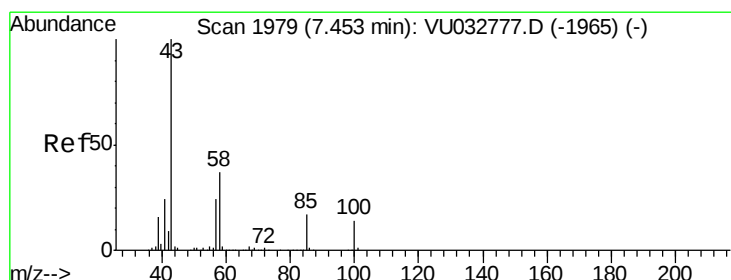
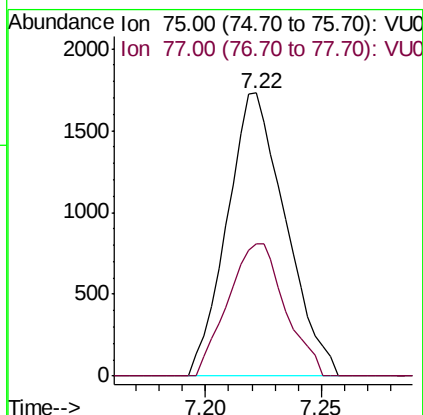
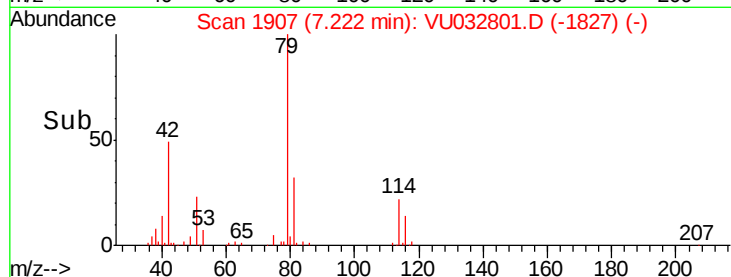
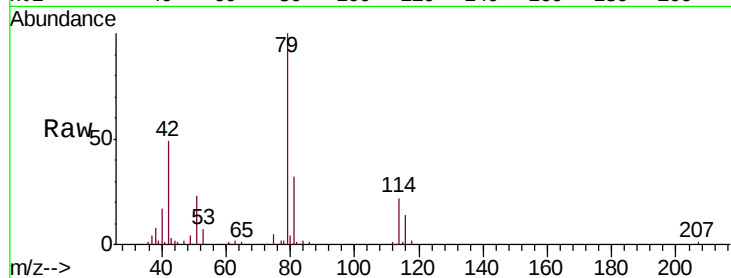
C0JS2

Tgt Ion: 75 Resp: 3033

Ion Ratio Lower Upper

75 100

77 46.7 21.9 40.7#



#40

4-Methyl-2-pentanone

Concen: 21.402 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. -0.04 min

Lab File: VU032801.D

Acq: 17 Jun 2019 22:24

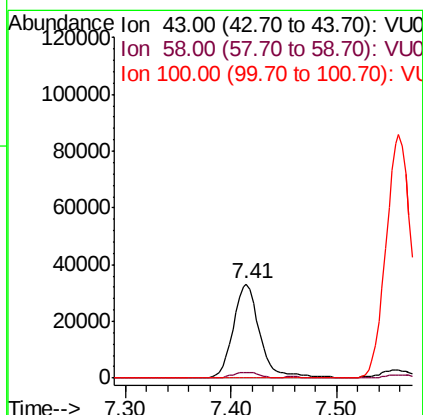
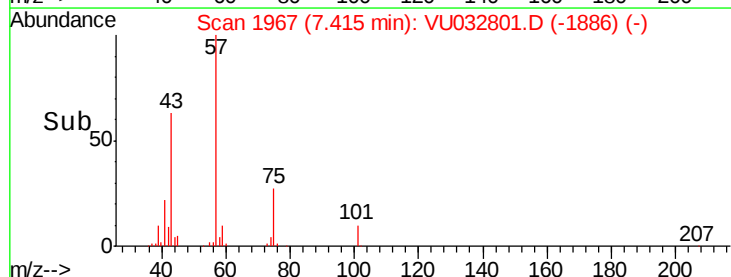
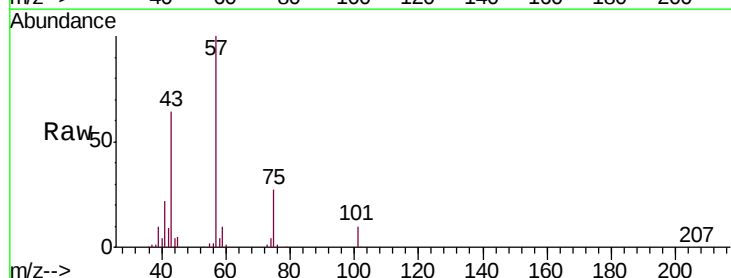
Tgt Ion: 43 Resp: 57154

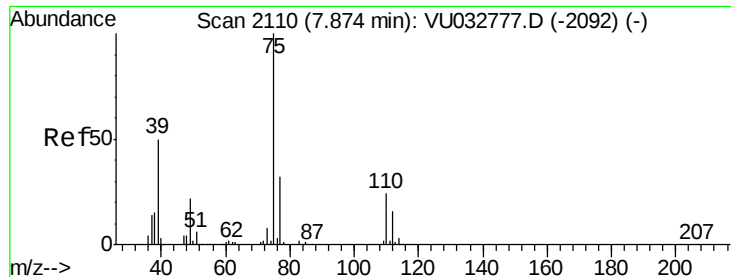
Ion Ratio Lower Upper

43 100

58 6.1 29.4 44.2#

100 0.0 11.2 16.8#





#44

trans-1,3-Dichloropropene

Concen: 0.864 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032801.D

Acq: 17 Jun 2019 22:24

Instrument :

MSVOA_U

ClientSampled :

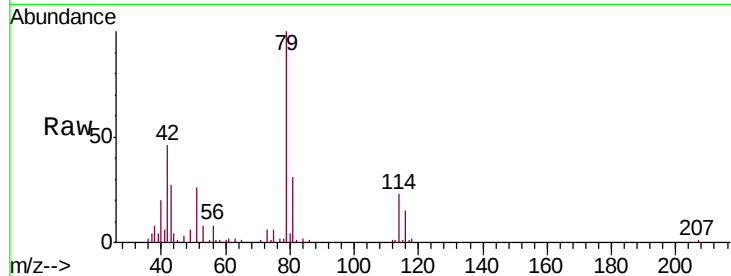
C0JS2

Tgt Ion: 75 Resp: 2116

Ion Ratio Lower Upper

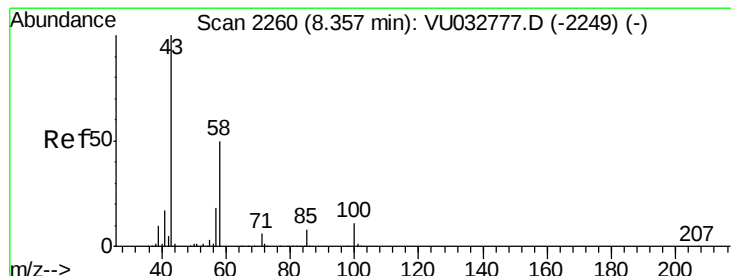
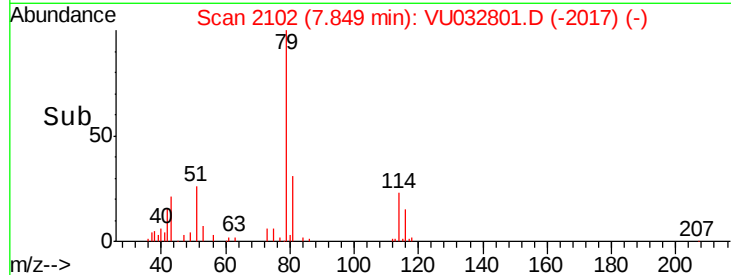
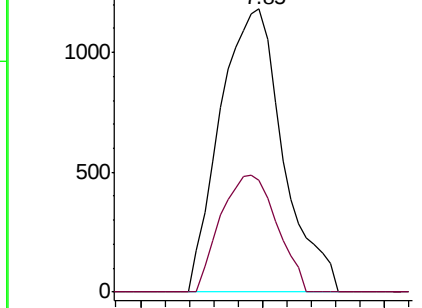
75 100

77 39.7 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU032777.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU032777.D (-2092) (-)



#48

2-Hexanone

Concen: 35.295 ug/L

RT: 8.41 min Scan# 2276

Delta R.T. 0.05 min

Lab File: VU032801.D

Acq: 17 Jun 2019 22:24

Tgt Ion: 43 Resp: 83164

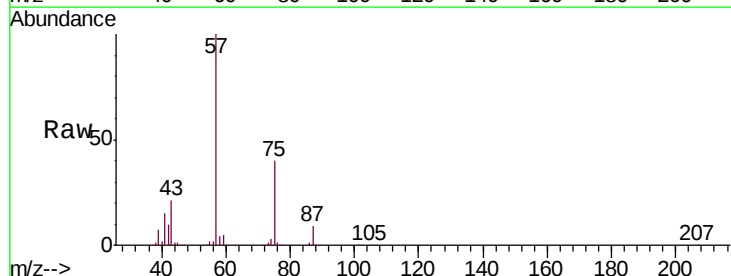
Ion Ratio Lower Upper

43 100

58 19.5 40.2 60.2#

57 496.8 14.2 21.4#

100 0.0 8.4 12.6#

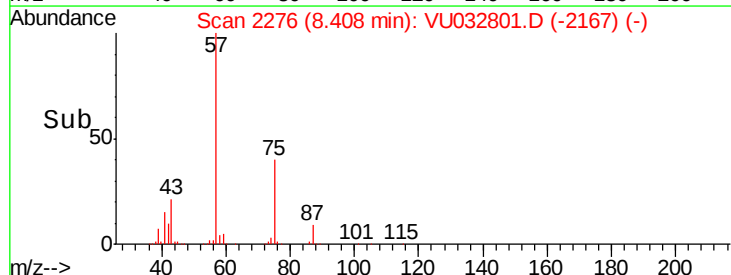
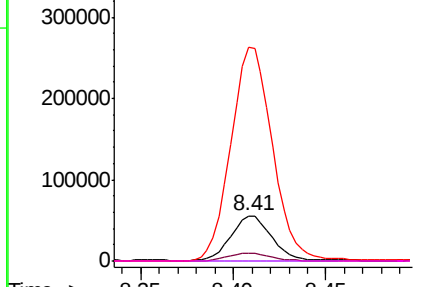


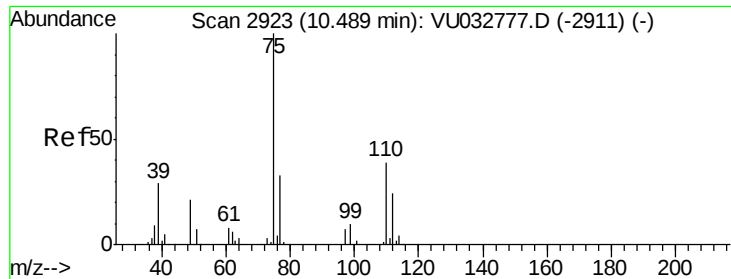
Abundance Ion 43.00 (42.70 to 43.70): VU032777.D (-2249) (-)

Ion 58.00 (57.70 to 58.70): VU032777.D (-2249) (-)

Ion 57.00 (56.70 to 57.70): VU032777.D (-2249) (-)

Ion 100.00 (99.70 to 100.70): VU032777.D (-2249) (-)





#59

1,2,3-Trichloropropane

Concen: 5.734 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032801.D

Acq: 17 Jun 2019 22:24

Instrument :

MSVOA_U

ClientSampleId :

C0JS2

Tgt Ion: 75 Resp: 12801

Ion Ratio Lower Upper

75 100

77 39.3 25.5 38.3#

