

Data File : VU034930.D
Acq On : 04 Oct 2019 12:46
Operator : JC/SP
Sample : K5201-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AB6

Quant Time: Oct 05 00:32:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 05 00:29:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	212082	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	209948	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	92537	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75700	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.68	69	63926	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.26	63	104467	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	4.17	46	184078	43.06	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.12%
24) Chloroform-d	4.62	84	129000	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.29	65	71851	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.32	84	265626	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.31	67	87646	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.54	98	248419	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.83	79	29947	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.30	63	144529	46.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.08%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	66417	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	88319	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

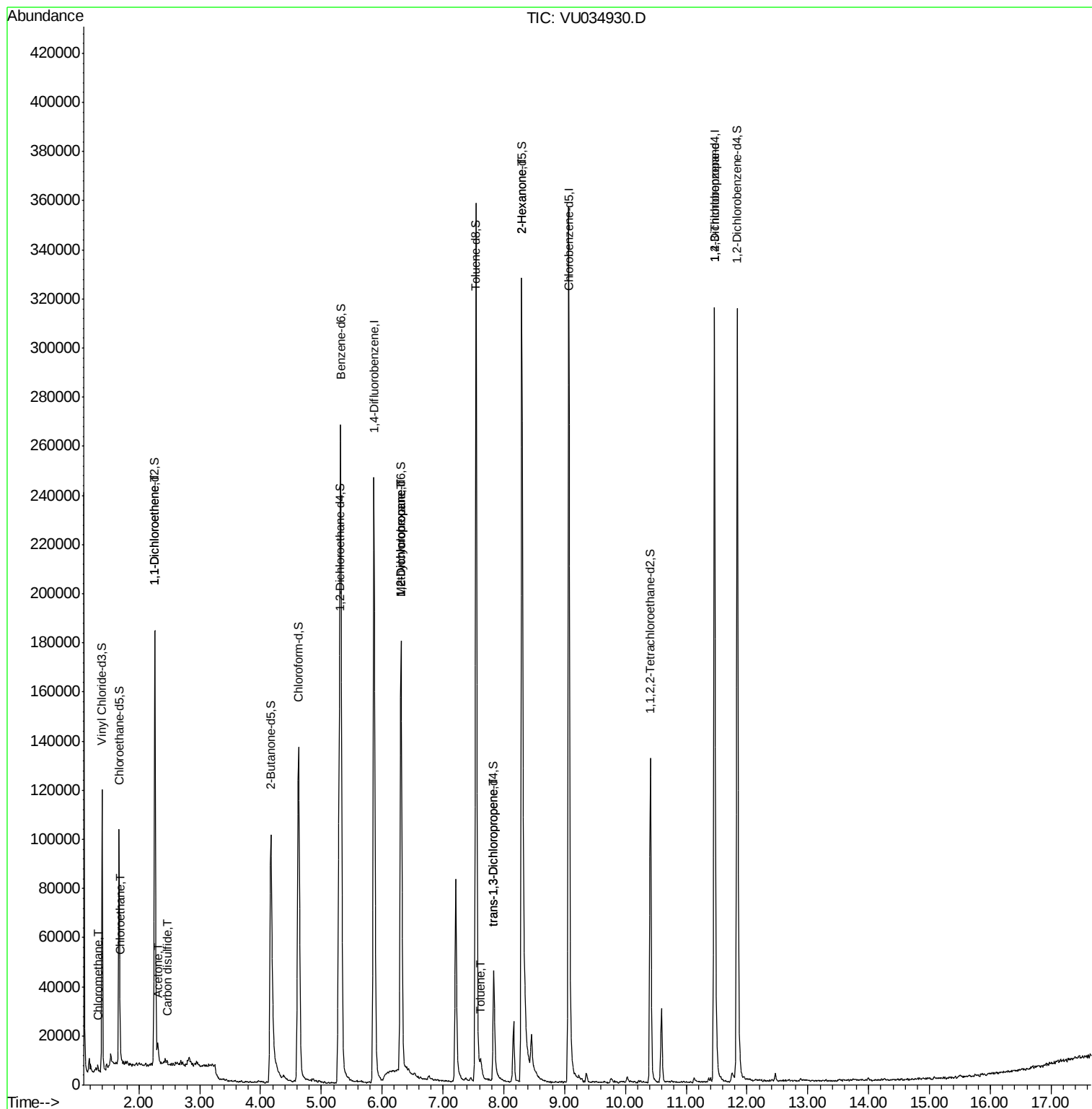
					Qvalue
3) Chloromethane	1.33	50	1497	0.146 ug/L #	83
8) Chloroethane	1.70	64	1035	0.164 ug/L #	45
12) 1,1-Dichloroethene	2.26	96	825	0.116 ug/L #	1
13) Acetone	2.31	43	8354	2.670 ug/L	93
14) Carbon disulfide	2.47	76	1261	0.107 ug/L #	50
35) Methylcyclohexane	6.31	83	19541	1.403 ug/L #	15
37) 1,2-Dichloropropane	6.31	63	10043	0.697 ug/L #	90
42) Toluene	7.62	91	4222	0.092 ug/L	96
44) trans-1,3-Dichloropropene	7.84	75	1333	0.086 ug/L #	77
48) 2-Hexanone	8.30	43	15573	1.880 ug/L #	72
59) 1,2,3-Trichloropropane	11.46	75	12002	1.165 ug/L	95

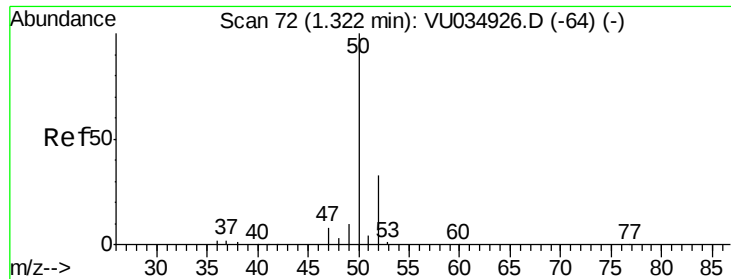
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.146 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034930.D

Acq: 04 Oct 2019 12:46

Instrument :

MSVOA_U

ClientSampleId :

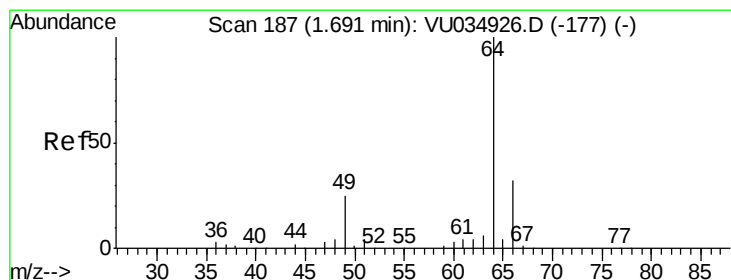
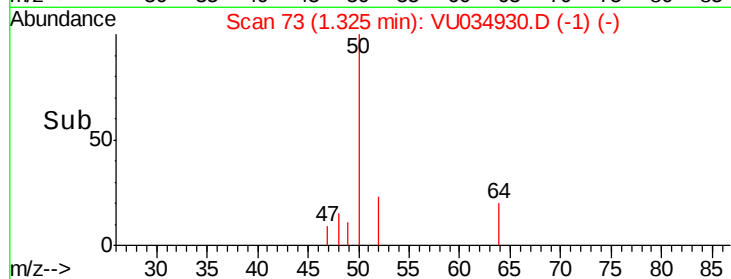
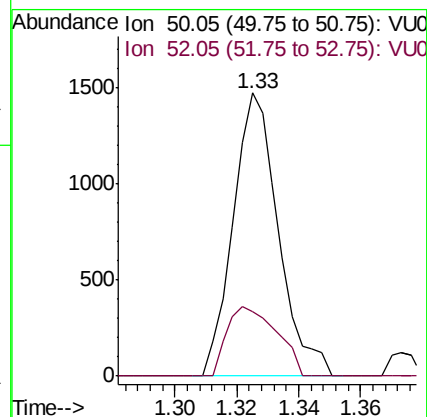
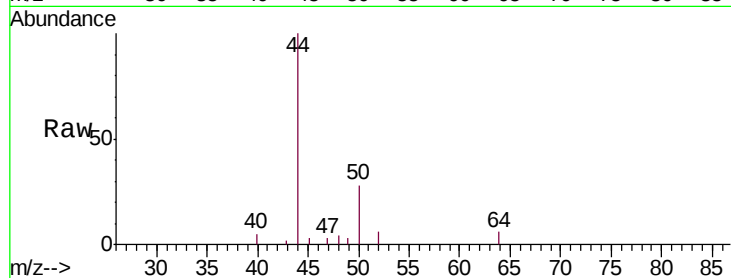
C0AB6

Tgt Ion: 50 Resp: 1497

Ion Ratio Lower Upper

50 100

52 22.6 22.7 42.1#



#8

Chloroethane

Concen: 0.164 ug/L

RT: 1.70 min Scan# 189

Delta R.T. 0.01 min

Lab File: VU034930.D

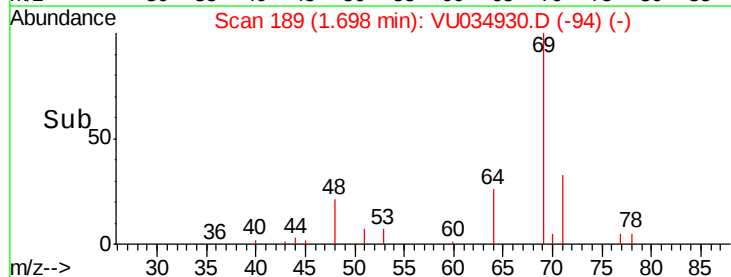
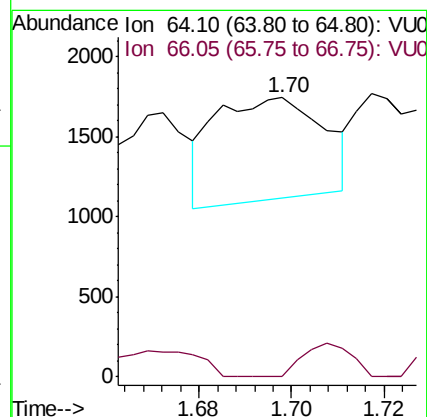
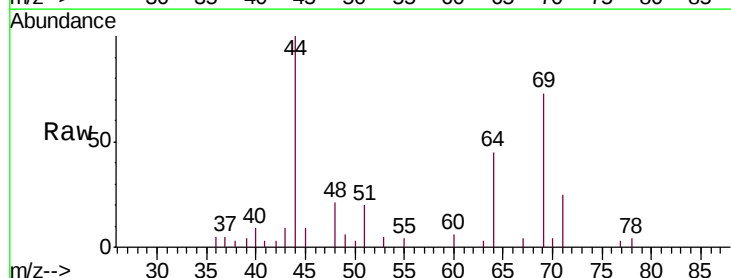
Acq: 04 Oct 2019 12:46

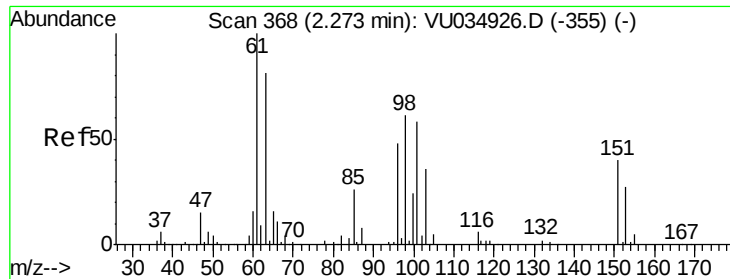
Tgt Ion: 64 Resp: 1035

Ion Ratio Lower Upper

64 100

66 0.0 20.9 38.9#

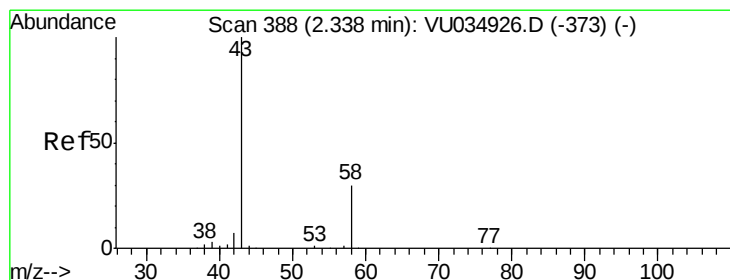
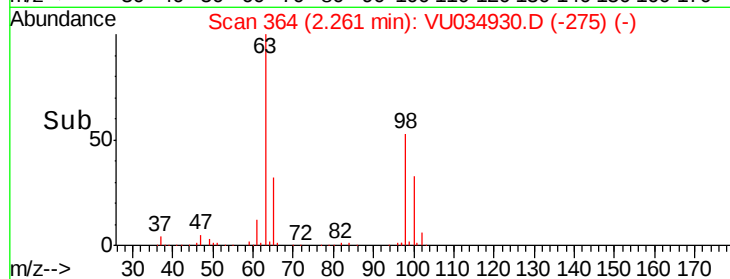
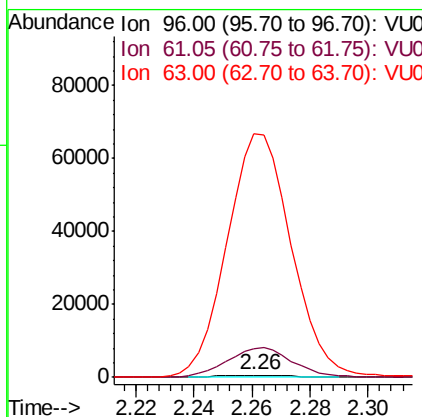
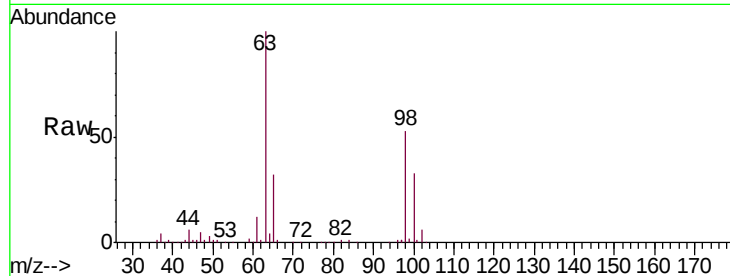




#12
 1,1-Dichloroethene
 Concen: 0.116 ug/L
 RT: 2.26 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VU034930.D
 Acq: 04 Oct 2019 12:46

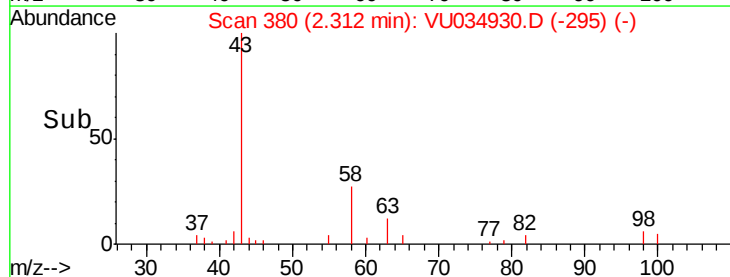
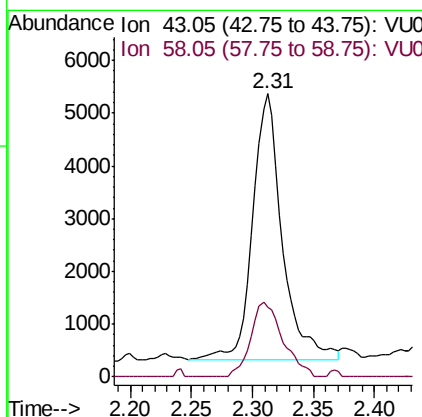
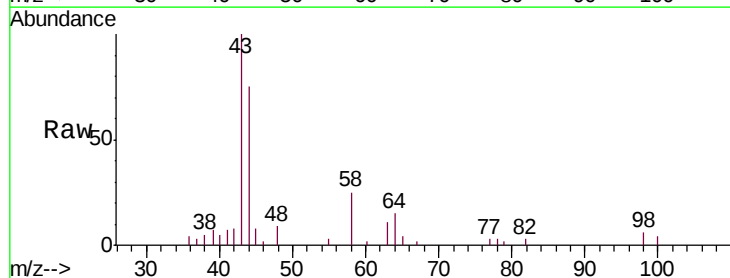
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB6

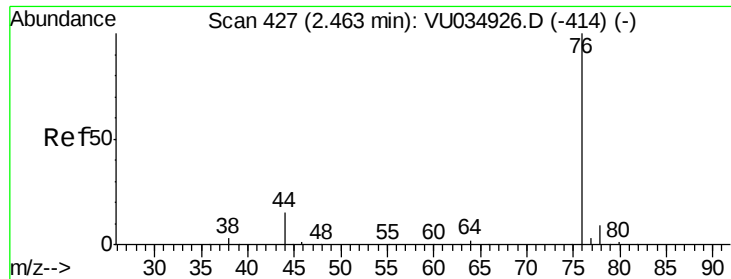
Tgt Ion: 96 Resp: 825
 Ion Ratio Lower Upper
 96 100
 61 1749.0 160.5 298.1#
 63 14615.3 162.3 301.5#



#13
 Acetone
 Concen: 2.670 ug/L
 RT: 2.31 min Scan# 380
 Delta R.T. -0.03 min
 Lab File: VU034930.D
 Acq: 04 Oct 2019 12:46

Tgt Ion: 43 Resp: 8354
 Ion Ratio Lower Upper
 43 100
 58 30.7 0.0 54.0





#14

Carbon disulfide

Concen: 0.107 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU034930.D

Acq: 04 Oct 2019 12:46

Instrument :

MSVOA_U

ClientSampleId :

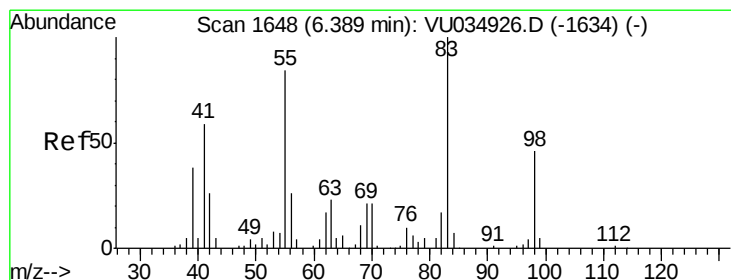
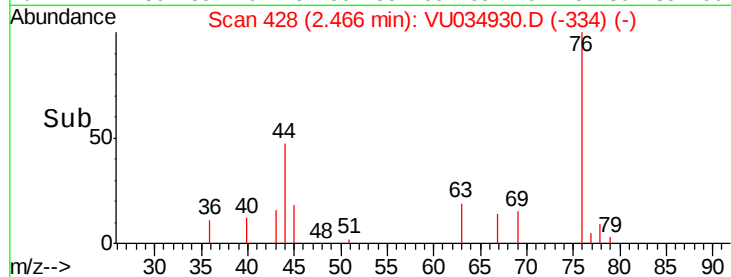
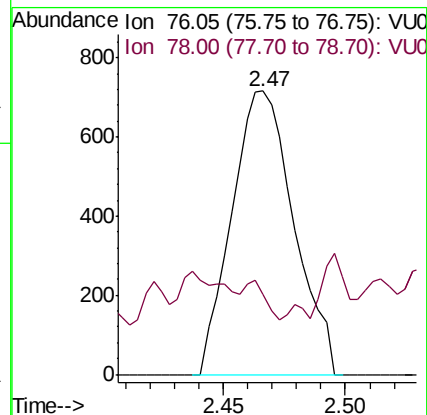
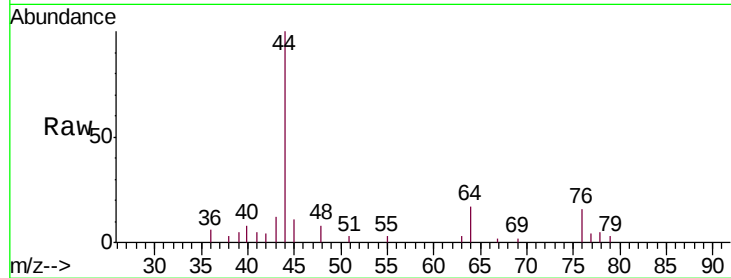
C0AB6

Tgt Ion: 76 Resp: 1261

Ion Ratio Lower Upper

76 100

78 28.4 7.9 11.9#



#35

Methylcyclohexane

Concen: 1.403 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

Lab File: VU034930.D

Acq: 04 Oct 2019 12:46

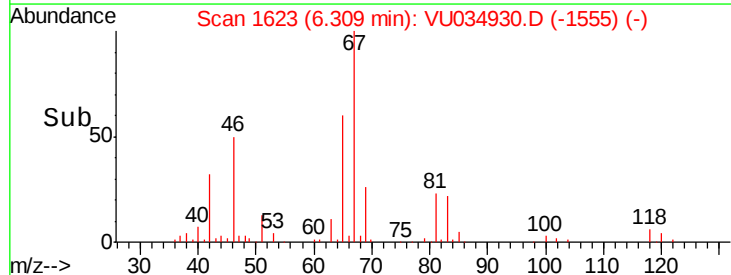
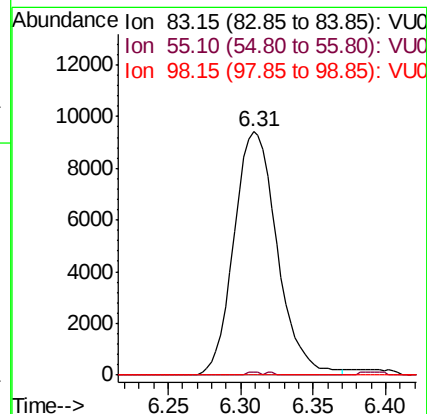
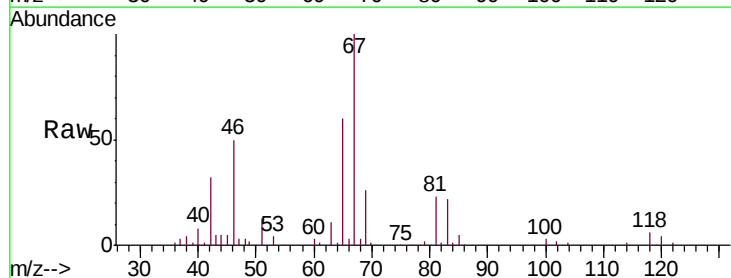
Tgt Ion: 83 Resp: 19541

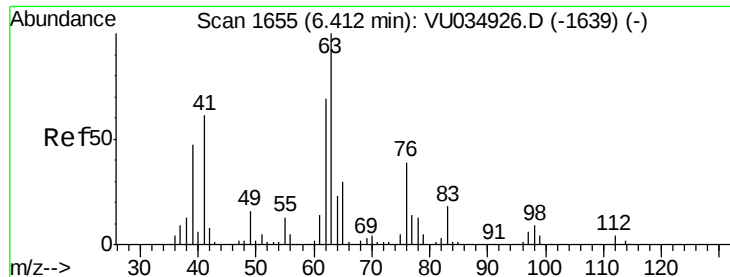
Ion Ratio Lower Upper

83 100

55 0.3 68.9 103.3#

98 0.0 36.6 54.8#

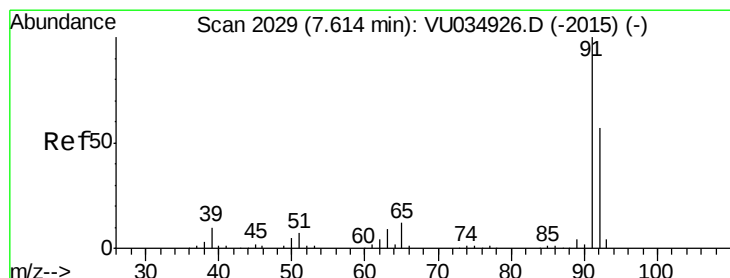
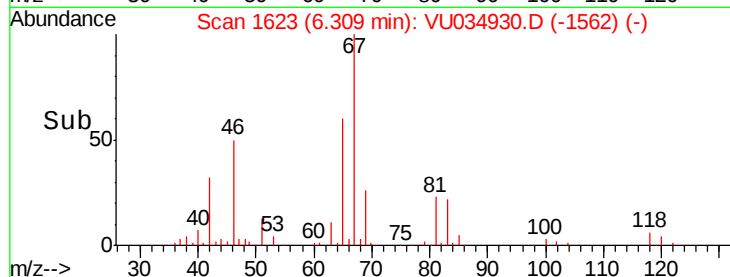
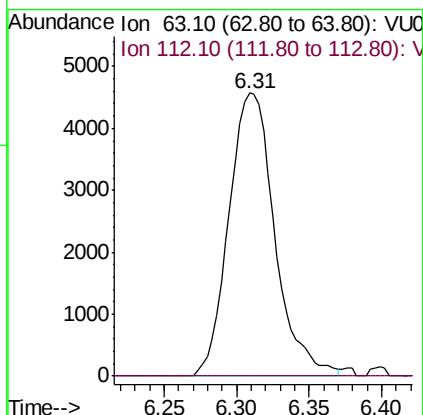
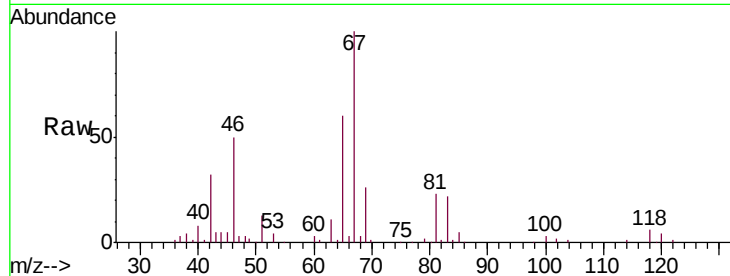




#37
 1,2-Dichloropropane
 Concen: 0.697 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU034930.D
 Acq: 04 Oct 2019 12:46

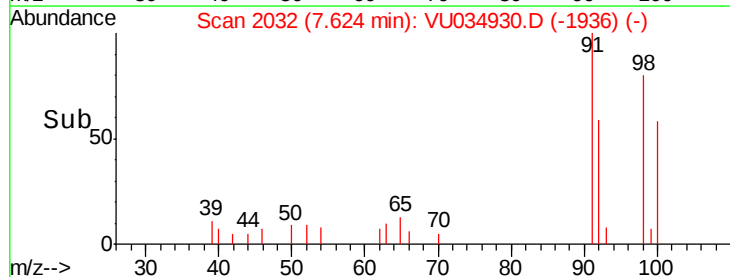
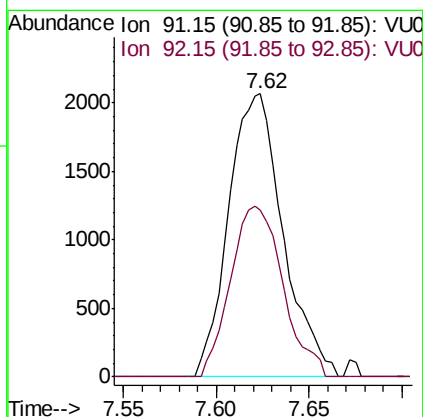
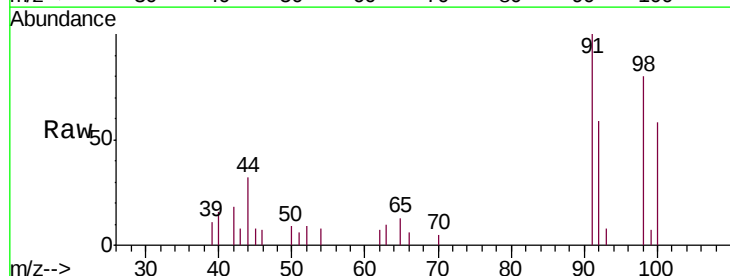
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB6

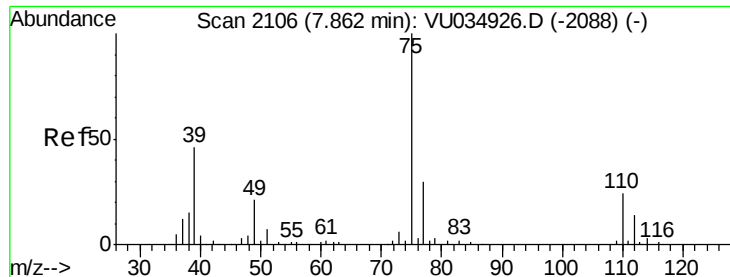
Tgt Ion: 63 Resp: 10043
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 4.0#



#42
 Toluene
 Concen: 0.092 ug/L
 RT: 7.62 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: VU034930.D
 Acq: 04 Oct 2019 12:46

Tgt Ion: 91 Resp: 4222
 Ion Ratio Lower Upper
 91 100
 92 58.8 39.3 72.9





#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.84 min Scan# 2098

Delta R.T. -0.03 min

Lab File: VU034930.D

Acq: 04 Oct 2019 12:46

Instrument :

MSVOA_U

ClientSampleId :

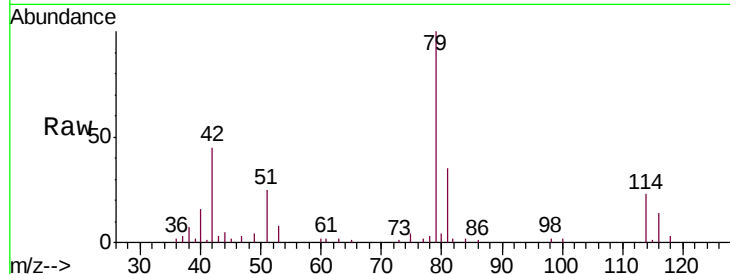
C0AB6

Tgt Ion: 75 Resp: 1333

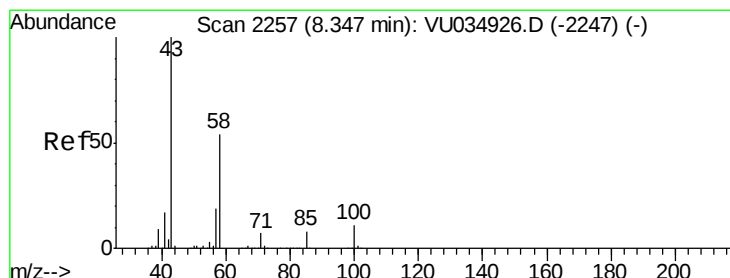
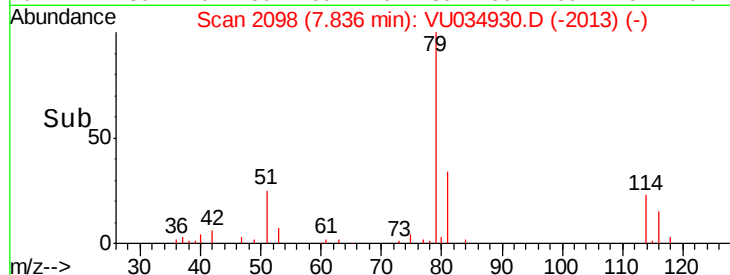
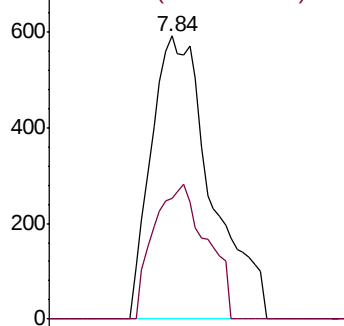
Ion Ratio Lower Upper

75 100

77 42.7 21.2 39.4#



Abundance Ion 75.05 (74.75 to 75.75): VU034926.D (-2088) (-)



#48

2-Hexanone

Concen: 1.880 ug/L

RT: 8.30 min Scan# 2241

Delta R.T. -0.05 min

Lab File: VU034930.D

Acq: 04 Oct 2019 12:46

Tgt Ion: 43 Resp: 15573

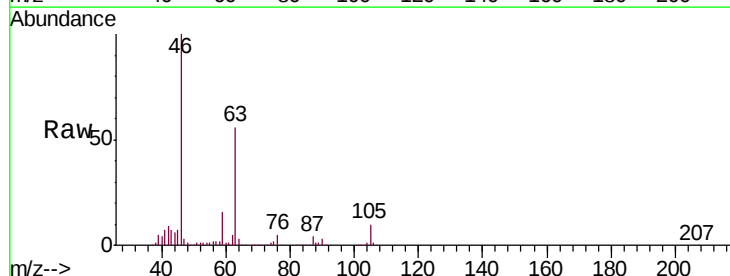
Ion Ratio Lower Upper

43 100

58 26.1 37.1 55.7#

57 26.9 13.4 20.0#

100 0.0 7.0 10.4#

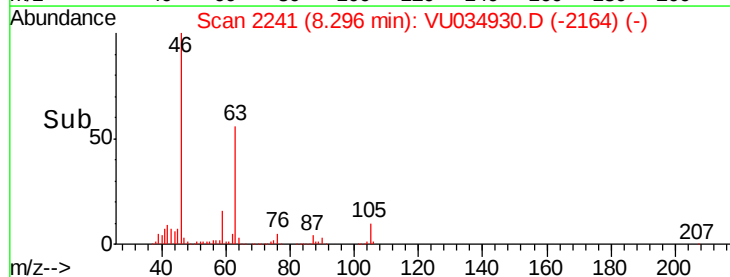
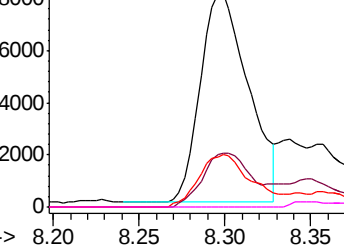


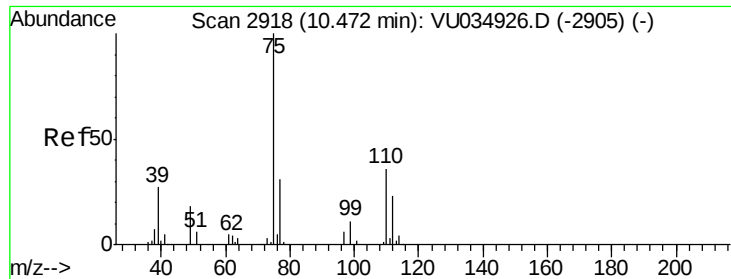
Abundance Ion 43.05 (42.75 to 43.75): VU034926.D (-2247) (-)

Ion 58.05 (57.75 to 58.75): VU034926.D (-2247) (-)

Ion 57.20 (56.90 to 57.90): VU034926.D (-2247) (-)

Ion 100.15 (99.85 to 100.85): VU034926.D (-2247) (-)





#59

1,2,3-Trichloropropane

Concen: 1.165 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034930.D

Acq: 04 Oct 2019 12:46

Instrument :

MSVOA_U

ClientSampleId :

C0AB6

Tgt Ion: 75 Resp: 12002

Ion Ratio Lower Upper

75 100

77 36.1 26.5 39.7

