

Data File : VU026533.D
Acq On : 05 Sep 2018 10:16
Operator : MD/SY
Sample : J4694-19DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE39DL

Quant Time: Sep 06 04:38:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 06 04:37:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	160443	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	150554	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	61722	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37725	37.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.90%
7) Chloroethane-d5	1.68	69	36257	40.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.76%
11) 1,1-Dichloroethene-d2	2.27	63	60696	27.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.22%#
21) 2-Butanone-d5	4.18	46	73869	95.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.74%
24) Chloroform-d	4.65	84	71211	37.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.86%
26) 1,2-Dichloroethane-d4	5.31	65	57971	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.76%
32) Benzene-d6	5.34	84	162586	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.70%
36) 1,2-Dichloropropane-d6	6.33	67	58777	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.62%
41) Toluene-d8	7.57	98	142835	42.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.28%
43) trans-1,3-Dichloropropene-	7.85	79	18065	33.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.38%
47) 2-Hexanone-d5	8.31	63	55527	101.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	83040	47.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	58424	52.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.34%

Target Compounds

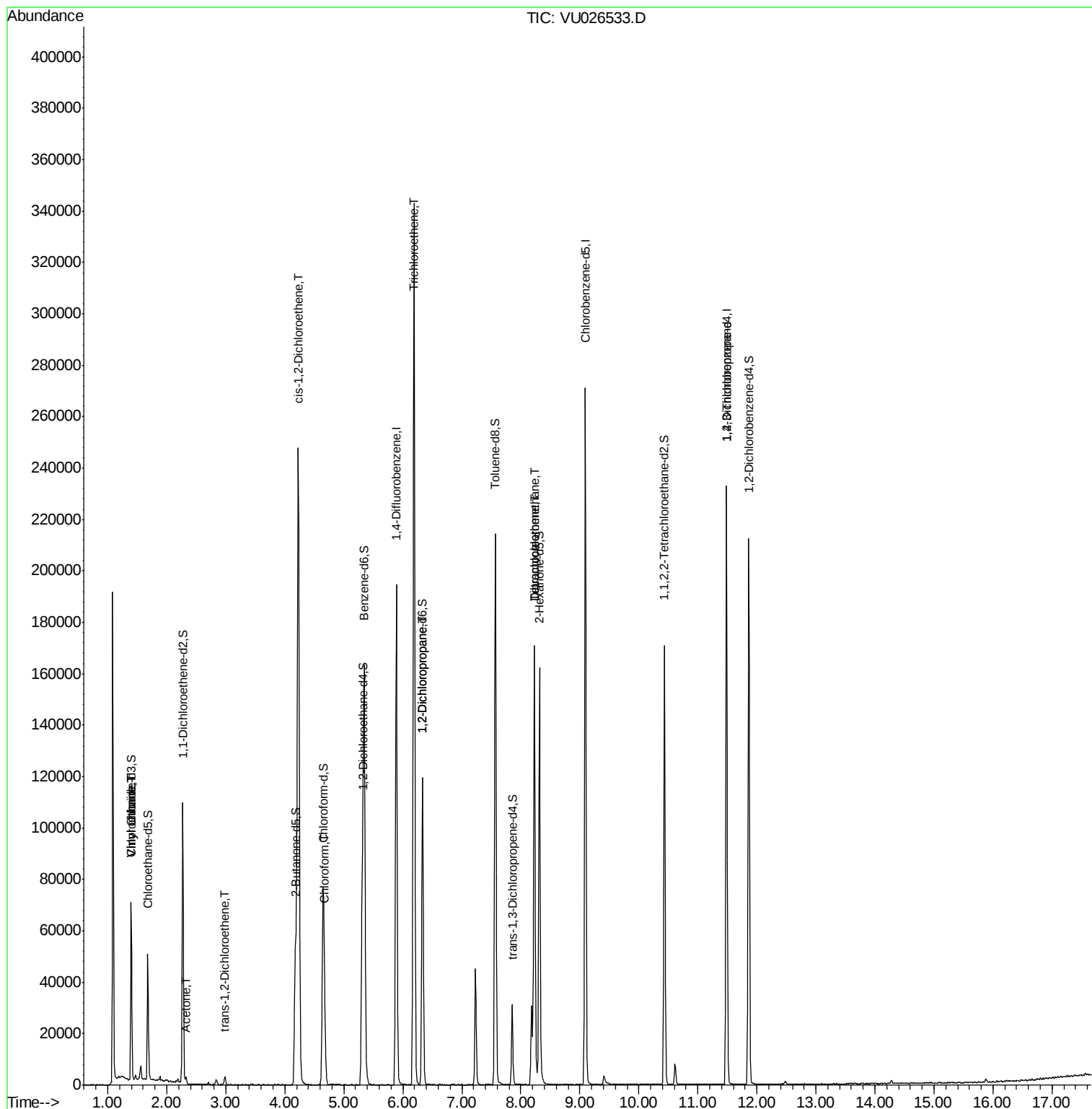
						Qvalue
5) Vinyl chloride	1.40	62	9237	5.516	ug/L	92
8) Chloroethane	1.40	64	3703	3.683	ug/L	85
13) Acetone	2.32	43	2517	3.768	ug/L	95
17) trans-1,2-Dichloroethene	2.99	96	1361	1.314	ug/L	90
20) cis-1,2-Dichloroethene	4.23	96	136462	117.596	ug/L	99
25) Chloroform	4.68	83	14844	7.141	ug/L	97
34) Trichloroethene	6.19	95	115357	106.552	ug/L	97
37) 1,2-Dichloropropane	6.33	63	6337	5.303	ug/L #	88
46) Tetrachloroethene	8.23	164	37355	42.202	ug/L	98
49) Dibromochloromethane	8.23	129	34452	27.933	ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	7203	4.831	ug/L #	86

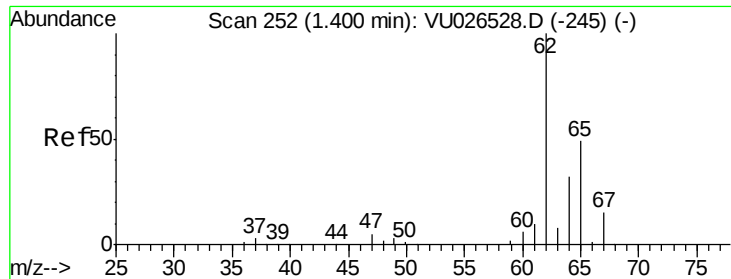
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.516 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU026533.D

Acq: 05 Sep 2018 10:16

Instrument :

MSVOA_U

ClientSampleId :

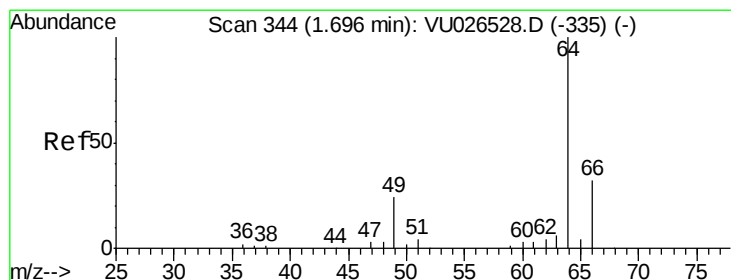
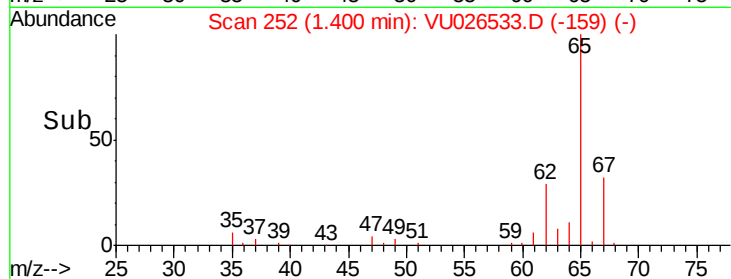
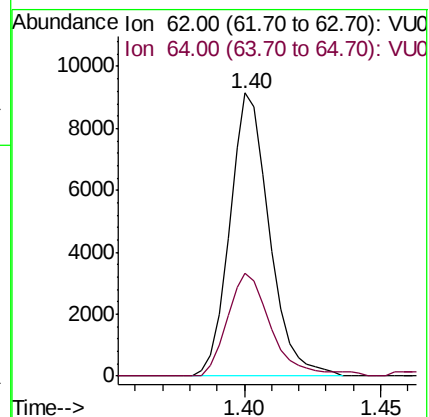
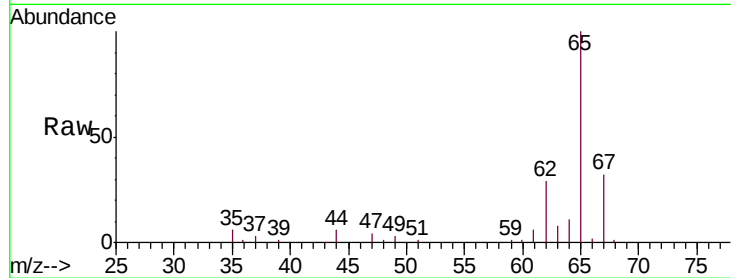
BEE39DL

Tgt Ion: 62 Resp: 9237

Ion Ratio Lower Upper

62 100

64 36.3 22.4 41.6



#8

Chloroethane

Concen: 3.683 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.30 min

Lab File: VU026533.D

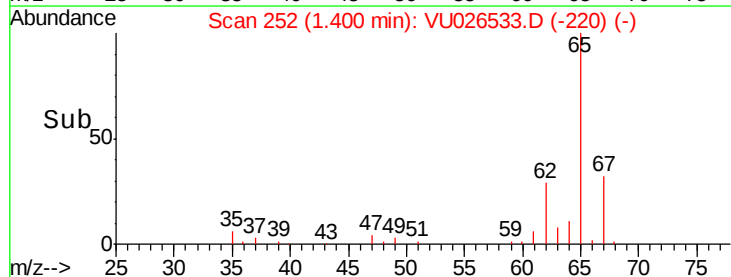
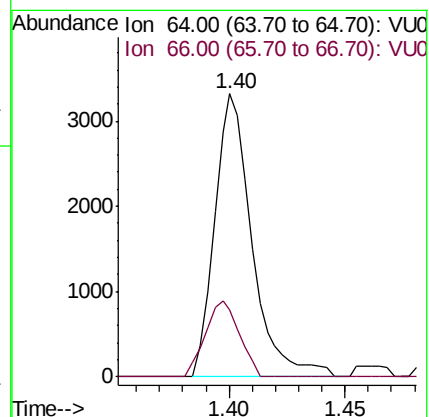
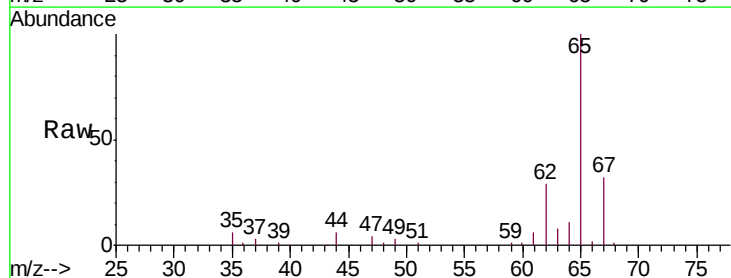
Acq: 05 Sep 2018 10:16

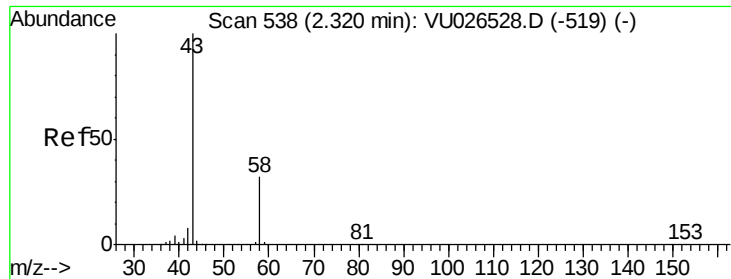
Tgt Ion: 64 Resp: 3703

Ion Ratio Lower Upper

64 100

66 23.5 22.2 41.2





#13

Acetone

Concen: 3.768 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026533.D

Acq: 05 Sep 2018 10:16

Instrument :

MSVOA_U

ClientSampleId :

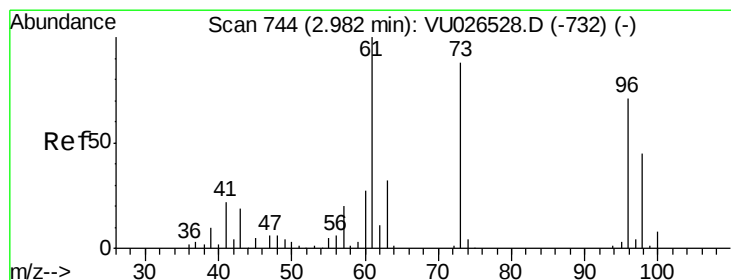
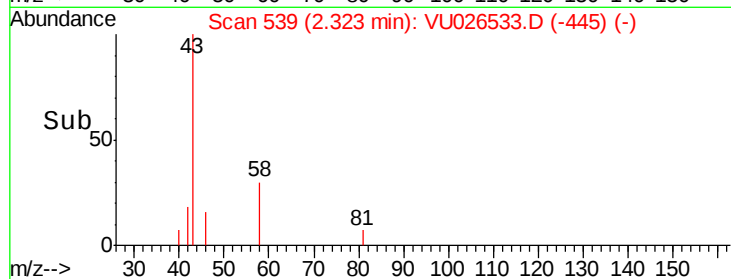
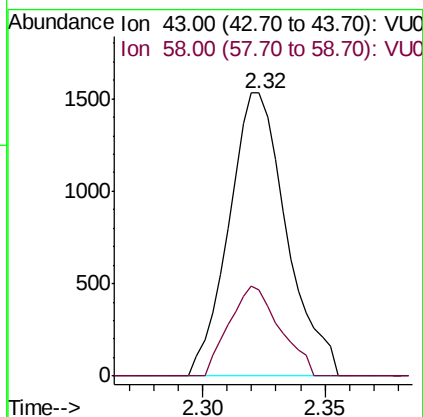
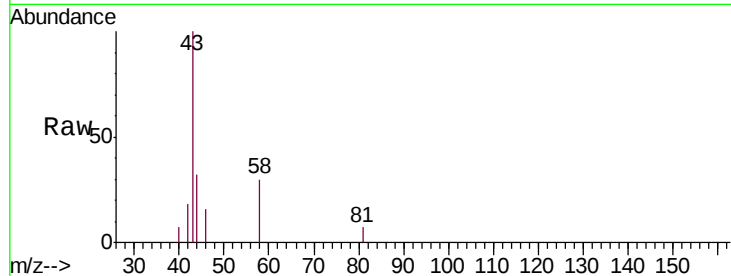
BEE39DL

Tgt Ion: 43 Resp: 2517

Ion Ratio Lower Upper

43 100

58 27.9 0.0 61.2



#17

trans-1,2-Dichloroethene

Concen: 1.314 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU026533.D

Acq: 05 Sep 2018 10:16

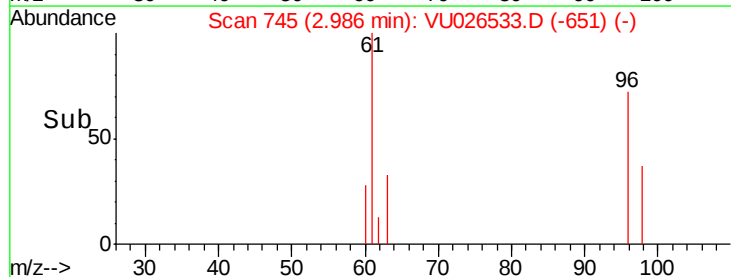
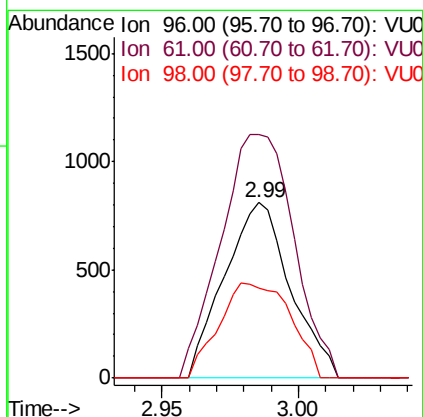
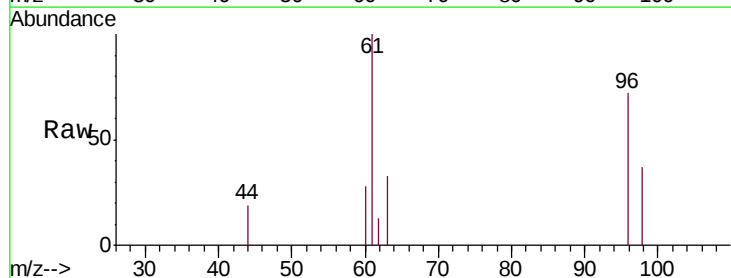
Tgt Ion: 96 Resp: 1361

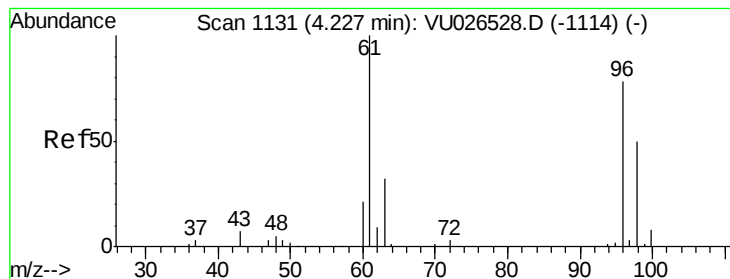
Ion Ratio Lower Upper

96 100

61 138.5 103.2 191.6

98 51.3 44.9 83.3





#20

cis-1,2-Dichloroethene

Concen: 117.596 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026533.D

Acq: 05 Sep 2018 10:16

Instrument :

MSVOA_U

ClientSampleId :

BEE39DL

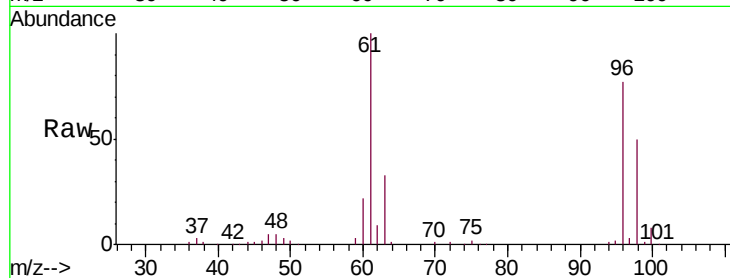
Tgt Ion: 96 Resp: 136462

Ion Ratio Lower Upper

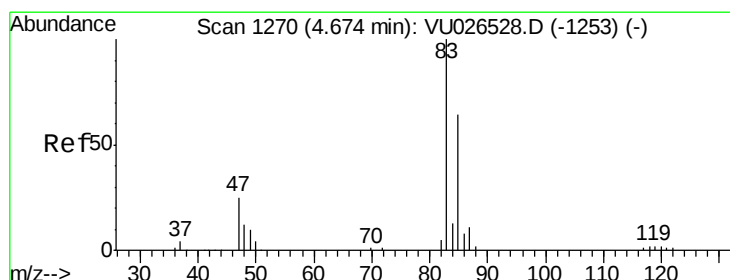
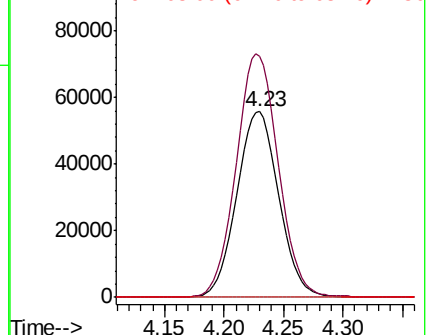
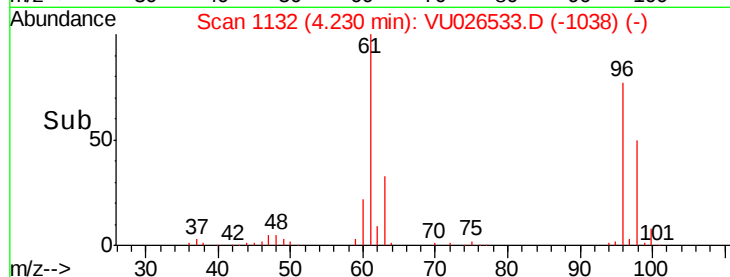
96 100

61 130.1 91.6 170.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU026533.D (-1038) (-)



#25

Chloroform

Concen: 7.141 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU026533.D

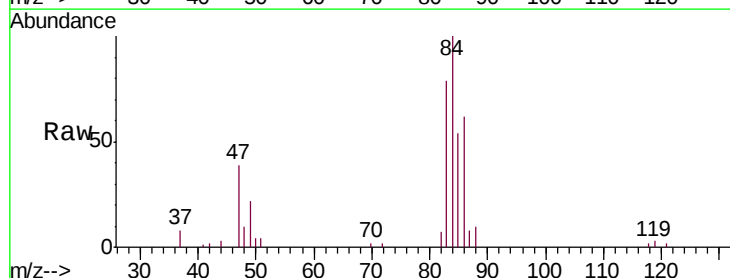
Acq: 05 Sep 2018 10:16

Tgt Ion: 83 Resp: 14844

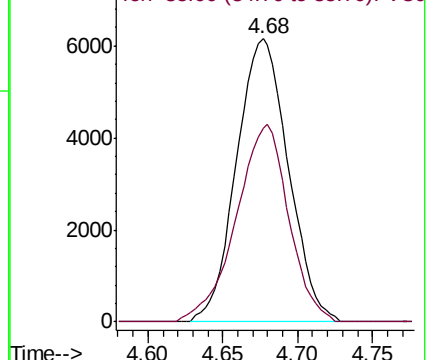
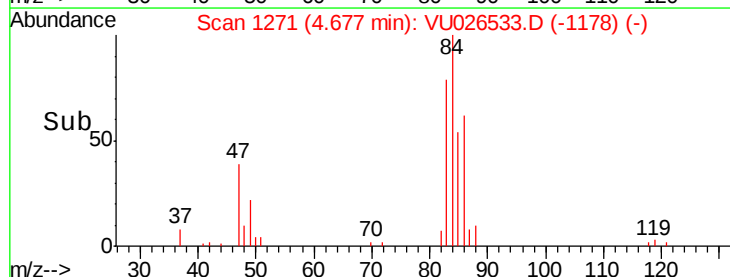
Ion Ratio Lower Upper

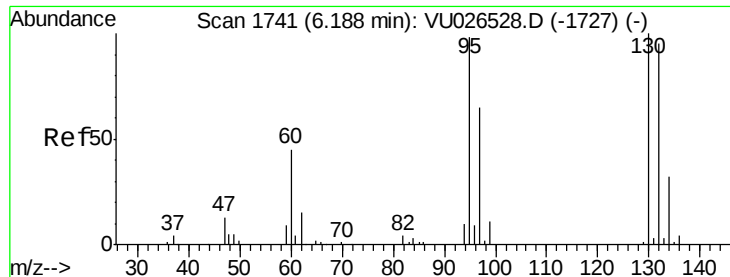
83 100

85 68.5 46.5 86.5



Abundance Ion 83.00 (82.70 to 83.70): VU026533.D (-1178) (-)

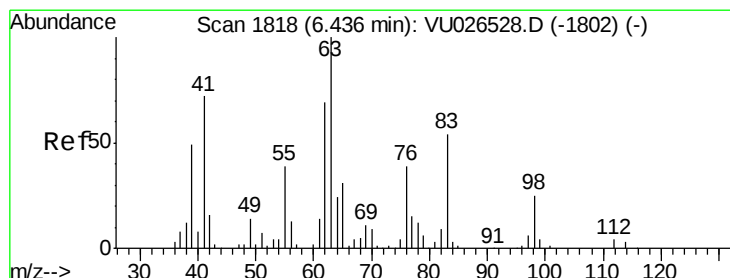
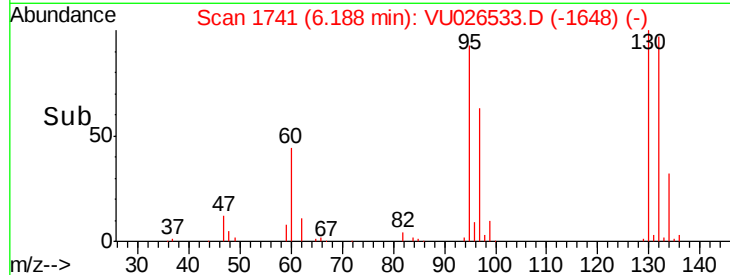
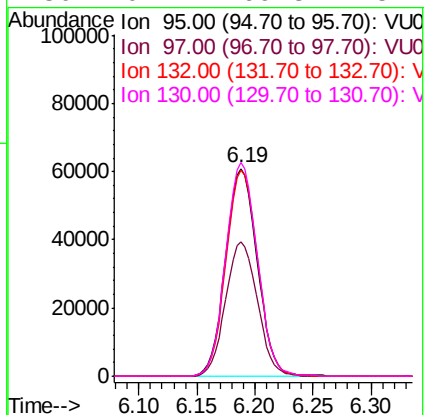
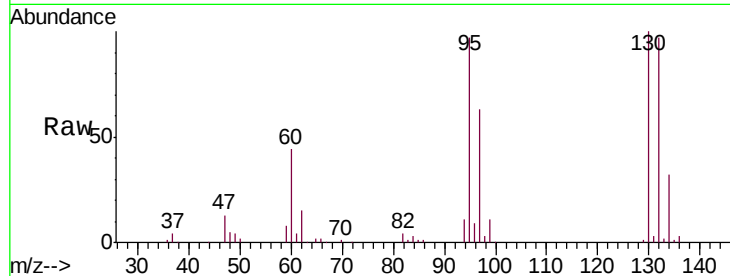




#34
 Trichloroethene
 Concen: 106.552 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU026533.D
 Acq: 05 Sep 2018 10:16

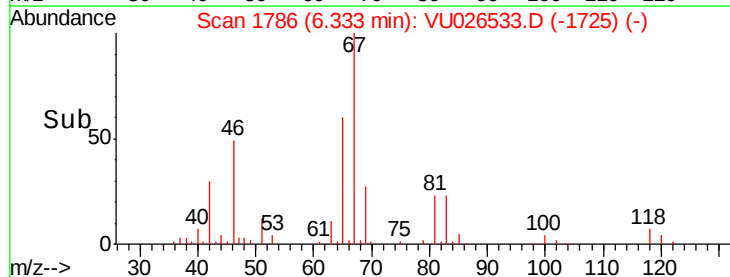
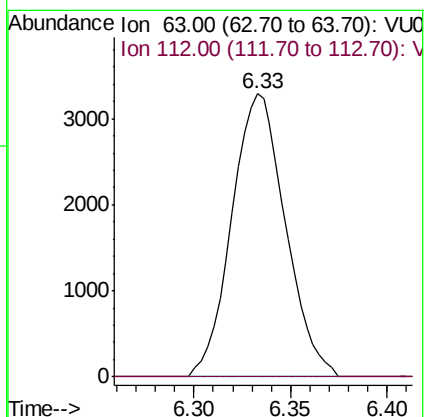
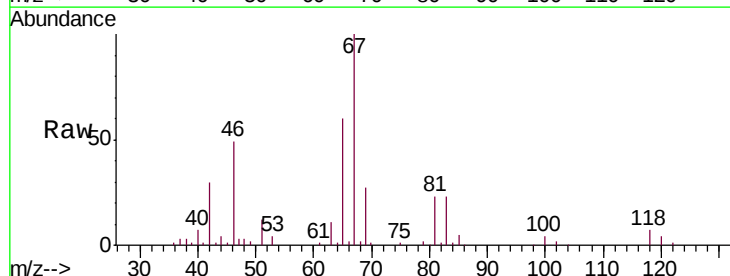
Instrument :
 MSVOA_U
 ClientSampleId :
 BEE39DL

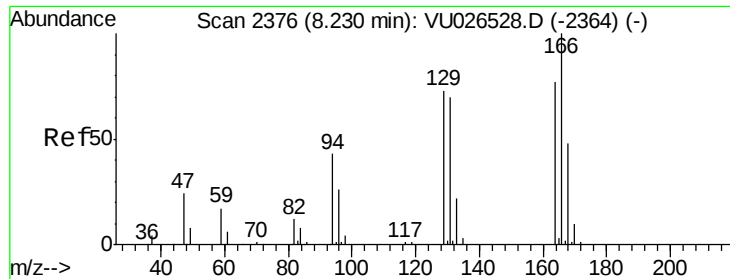
Tgt Ion: 95 Resp: 115357
 Ion Ratio Lower Upper
 95 100
 97 64.9 45.1 83.7
 132 99.4 67.5 125.3
 130 102.7 69.3 128.7



#37
 1,2-Dichloropropane
 Concen: 5.303 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026533.D
 Acq: 05 Sep 2018 10:16

Tgt Ion: 63 Resp: 6337
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#

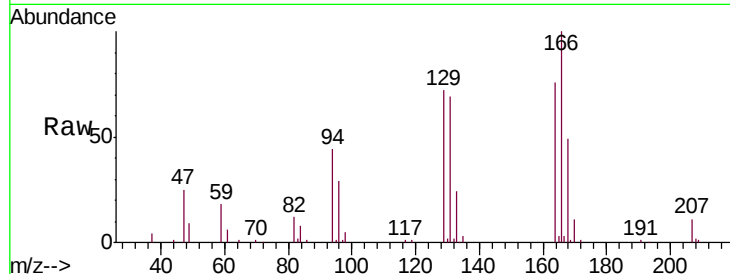




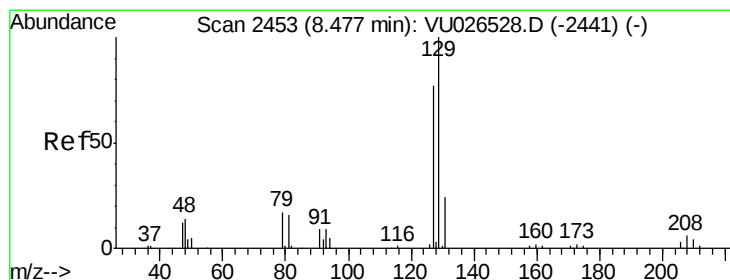
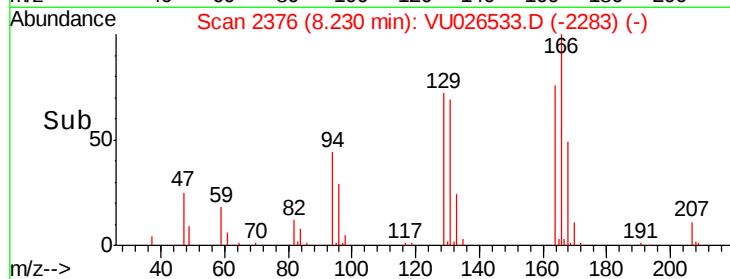
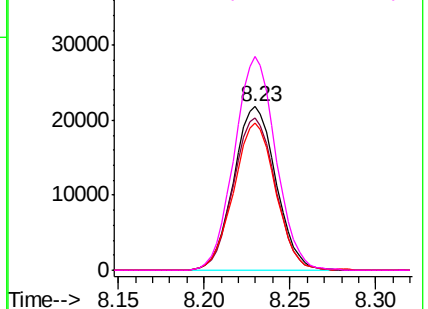
#46
Tetrachloroethene
Concen: 42.202 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU026533.D
Acq: 05 Sep 2018 10:16

Instrument :
MSVOA_U
ClientSampleId :
BEE39DL

Tgt Ion:164 Resp: 37355
Ion Ratio Lower Upper
164 100
129 93.5 67.3 125.1
131 90.4 65.3 121.3
166 130.7 90.9 168.7

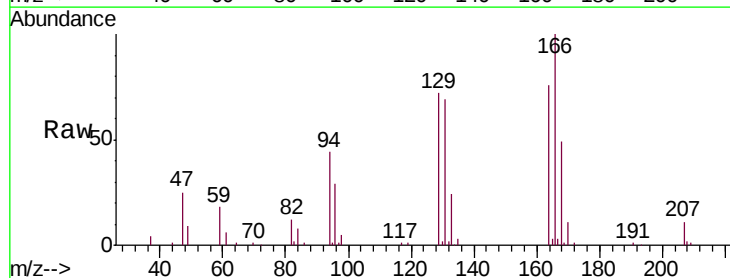


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

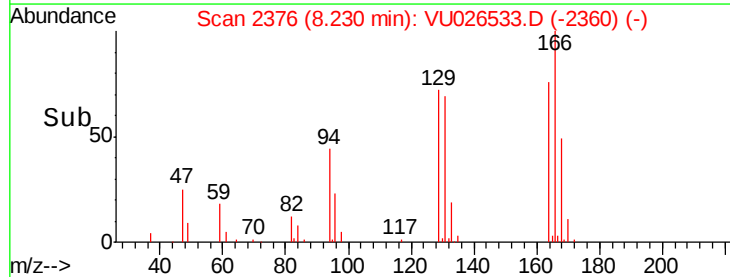
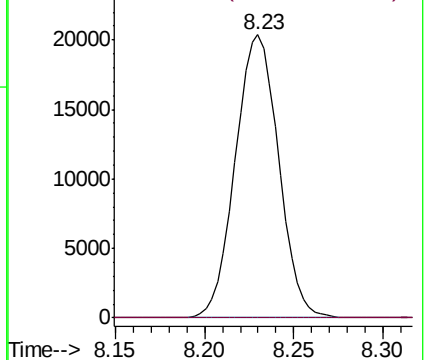


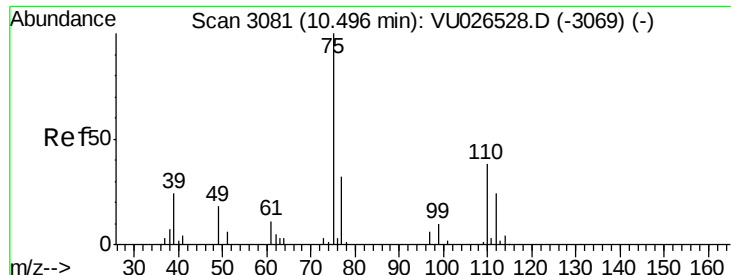
#49
Dibromochloromethane
Concen: 27.933 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026533.D
Acq: 05 Sep 2018 10:16

Tgt Ion:129 Resp: 34452
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 4.831 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026533.D

Acq: 05 Sep 2018 10:16

Instrument :

MSVOA_U

ClientSampleId :

BEE39DL

Tgt Ion: 75 Resp: 7203

Ion Ratio Lower Upper

75 100

77 39.3 25.0 37.6#

