

Data File : VV012286.D
Acq On : 19 Aug 2019 19:28
Operator : SY/MD
Sample : K4395-07
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ0

Quant Time: Aug 20 02:38:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	130316	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	157380	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	67001	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37435	5.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.40%
7) Chloroethane-d5	1.58	69	25358	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.13	63	48646	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.95	46	108806	60.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.22%
24) Chloroform-d	4.40	84	96447	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.08	65	49134	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.10	84	186143	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.12	67	54265	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	162068	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.67	79	21826	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.14	63	68079	42.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47204	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	75863	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

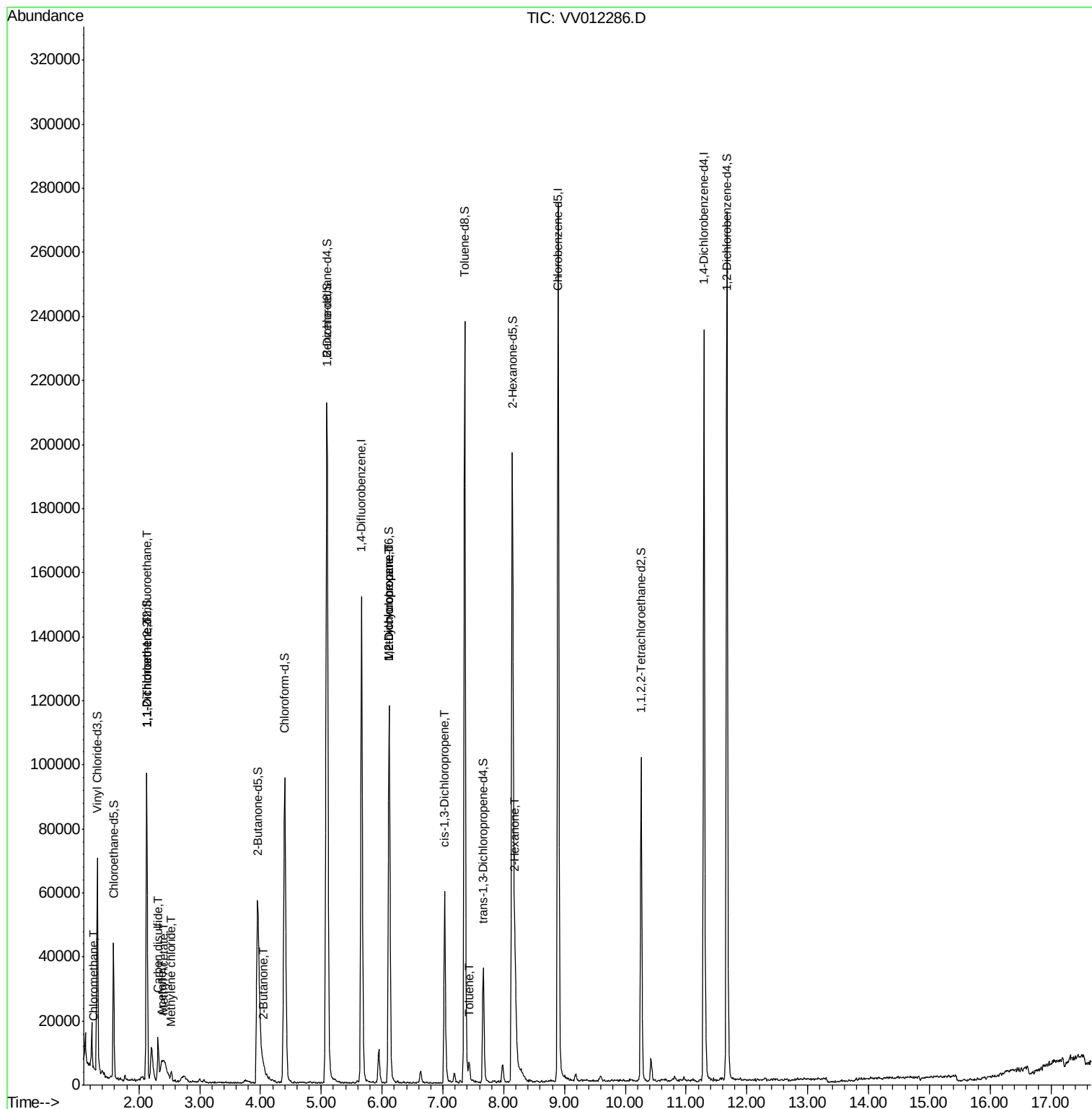
						Qvalue
3) Chloromethane	1.25	50	829	0.102	ug/L #	81
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	547	0.082	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	493	0.082	ug/L #	1
13) Acetone	2.37	43	1485	1.581	ug/L	99
14) Carbon disulfide	2.32	76	14096	0.849	ug/L	97
15) Methyl Acetate	2.40	43	782	0.420	ug/L #	44
16) Methylene chloride	2.53	84	955	0.153	ug/L #	73
21) 2-Butanone	4.06	43	4116	2.310	ug/L	73
35) Methylcyclohexane	6.12	83	14319	0.749	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	5890	0.578	ug/L #	81
39) cis-1,3-Dichloropropene	7.03	75	1612	0.100	ug/L #	80
42) Toluene	7.43	91	3485	0.072	ug/L	86
48) 2-Hexanone	8.19	43	20820	5.408	ug/L #	82

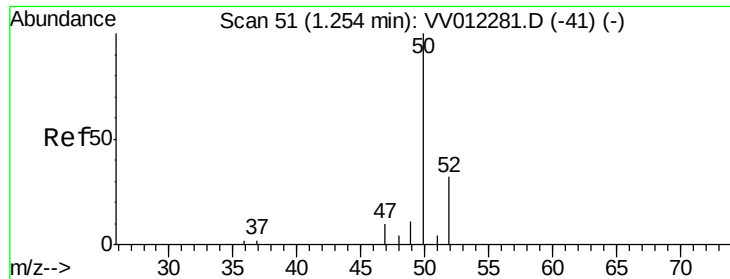
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.102 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV012286.D

Acq: 19 Aug 2019 19:28

Instrument :

MSVOA_V

ClientSampleId :

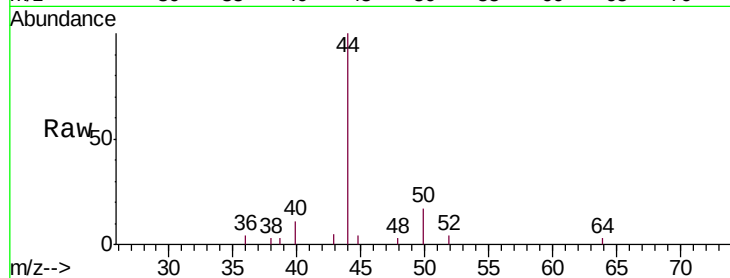
C0AJ0

Tgt Ion: 50 Resp: 829

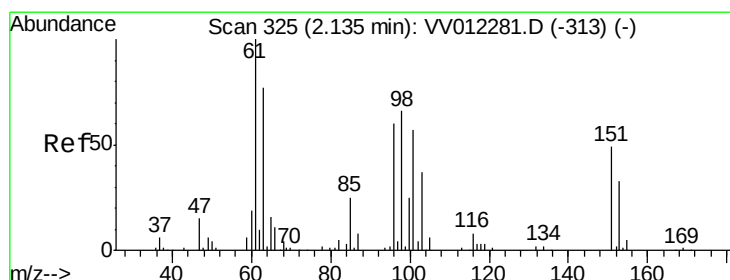
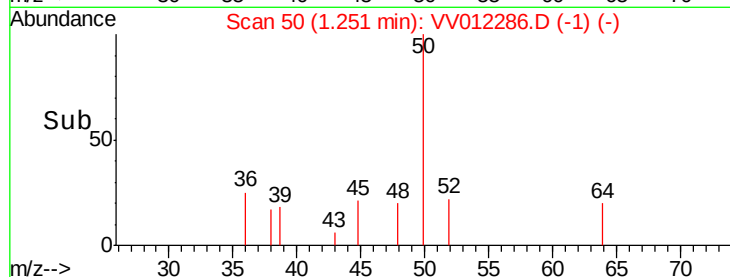
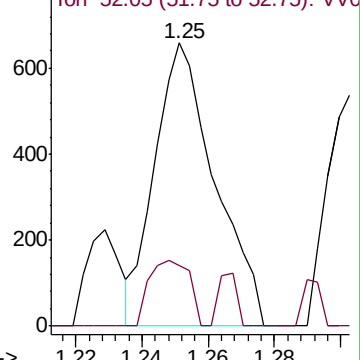
Ion Ratio Lower Upper

50 100

52 21.6 22.6 42.0#



Abundance Ion 50.05 (49.75 to 50.75): VV012286.D (-1) (-)



#10

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

Concen: 0.082 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV012286.D

Acq: 19 Aug 2019 19:28

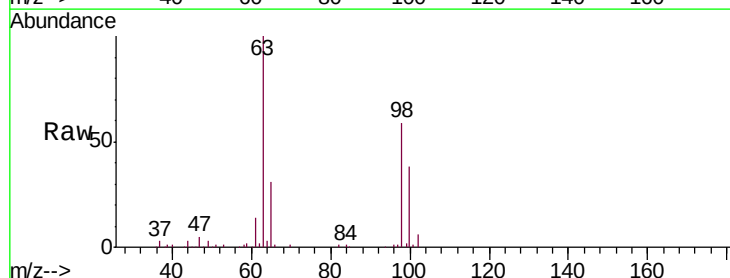
Tgt Ion: 101 Resp: 547

Ion Ratio Lower Upper

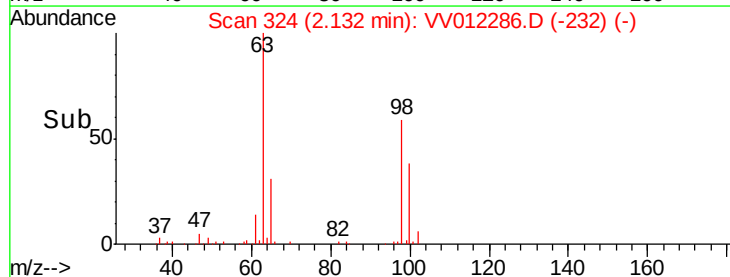
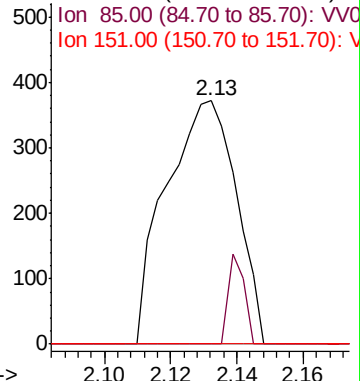
101 100

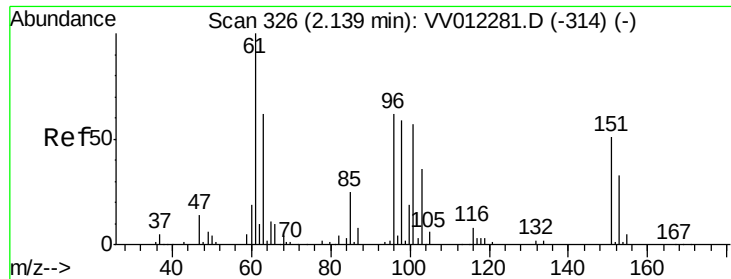
85 8.4 34.9 52.3#

151 0.0 71.5 107.3#



Abundance Ion 101.00 (100.70 to 101.70): VV012286.D (-232) (-)

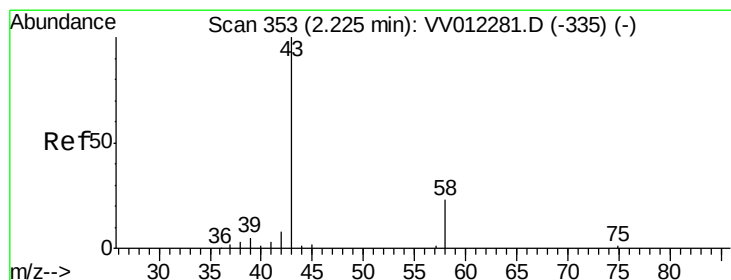
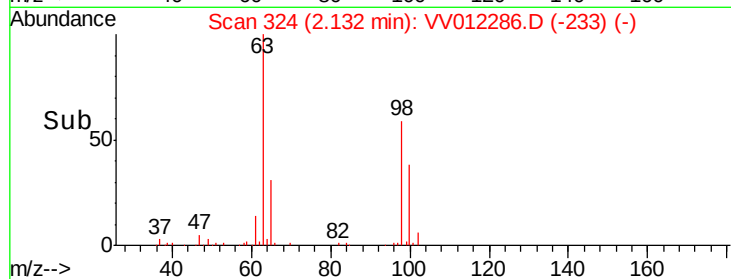
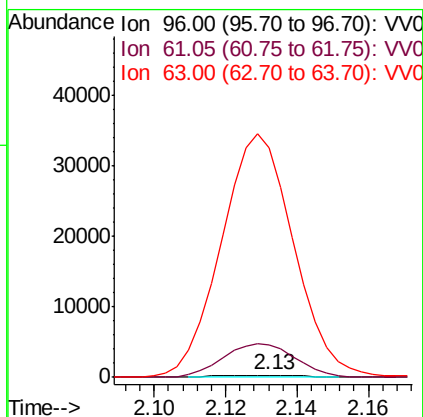
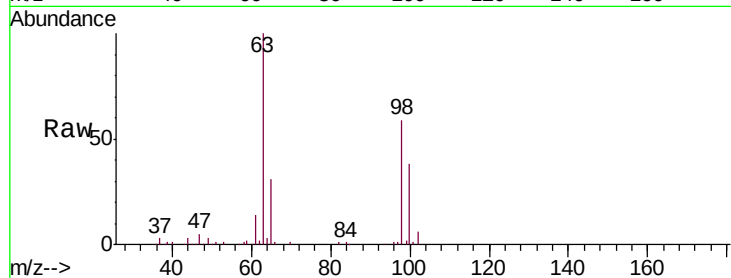




#12
 1,1-Dichloroethene
 Concen: 0.082 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV012286.D
 Acq: 19 Aug 2019 19:28

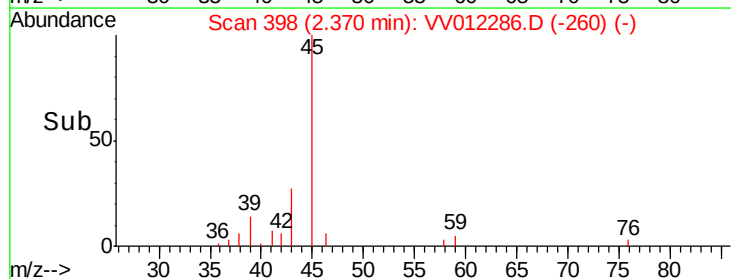
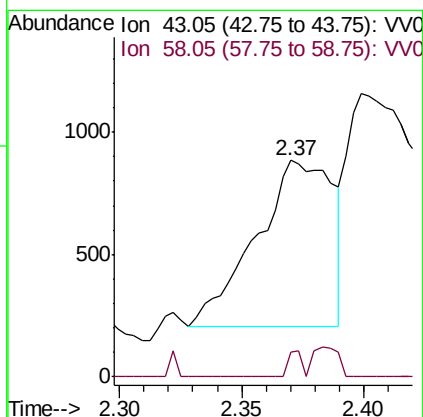
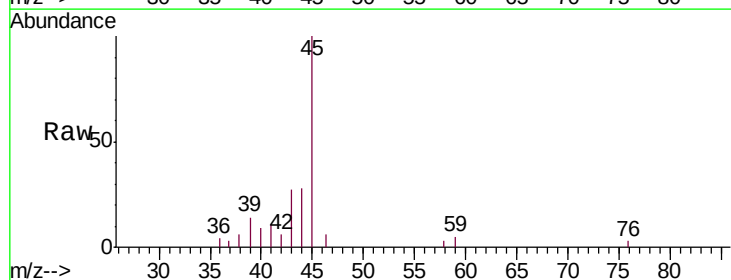
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ0

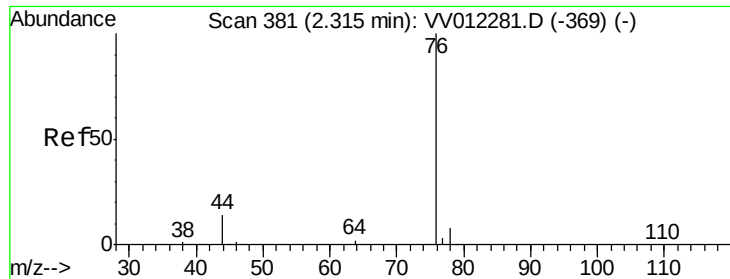
Tgt Ion: 96 Resp: 493
 Ion Ratio Lower Upper
 96 100
 61 1381.8 117.7 218.7#
 63 9879.6 81.1 150.5#



#13
 Acetone
 Concen: 1.581 ug/L
 RT: 2.37 min Scan# 398
 Delta R.T. 0.14 min
 Lab File: VV012286.D
 Acq: 19 Aug 2019 19:28

Tgt Ion: 43 Resp: 1485
 Ion Ratio Lower Upper
 43 100
 58 13.1 0.0 25.6

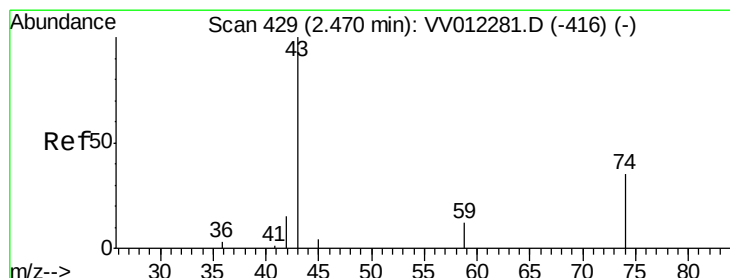
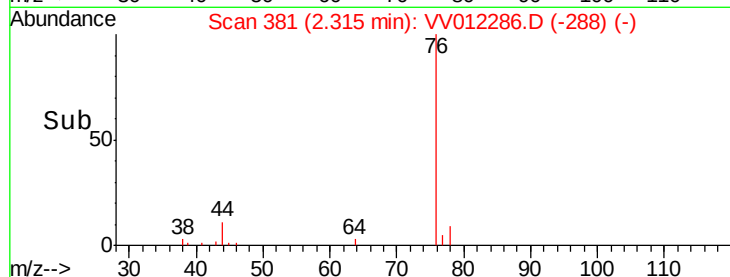
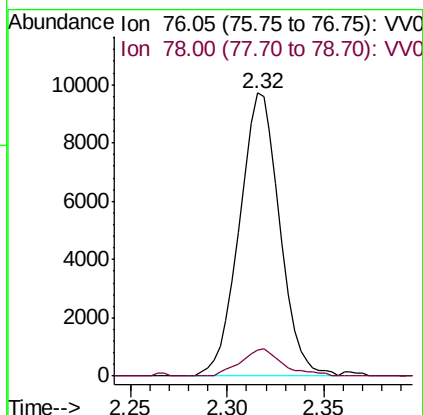
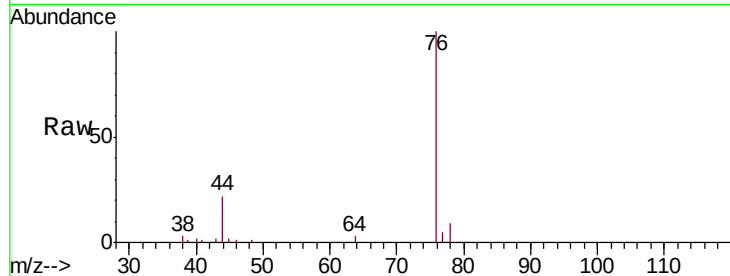




#14
Carbon disulfide
Concen: 0.849 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV012286.D
Acq: 19 Aug 2019 19:28

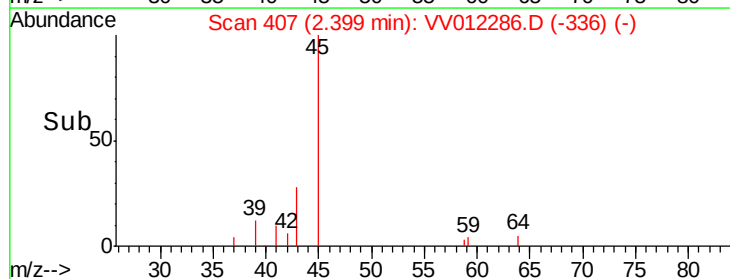
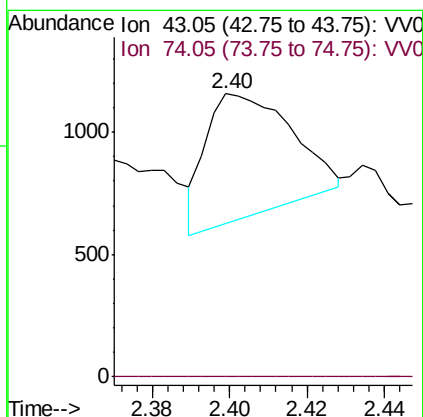
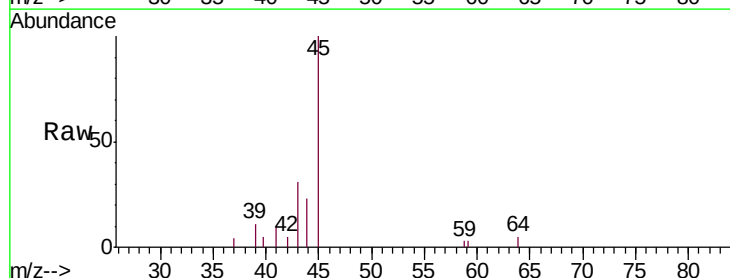
Instrument :
MSVOA_V
ClientSampled :
C0AJ0

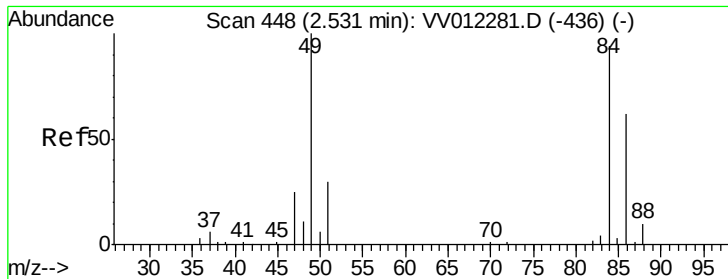
Tgt Ion: 76 Resp: 14096
Ion Ratio Lower Upper
76 100
78 9.2 8.3 12.5



#15
Methyl Acetate
Concen: 0.420 ug/L
RT: 2.40 min Scan# 407
Delta R.T. -0.07 min
Lab File: VV012286.D
Acq: 19 Aug 2019 19:28

Tgt Ion: 43 Resp: 782
Ion Ratio Lower Upper
43 100
74 0.0 24.9 37.3#

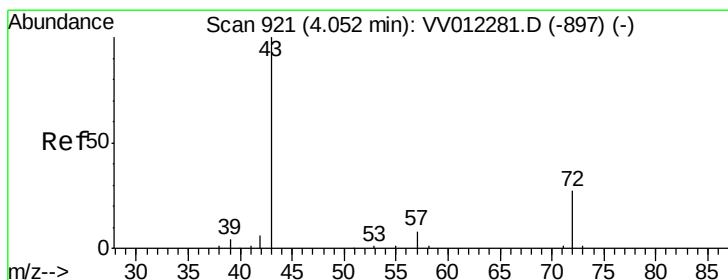
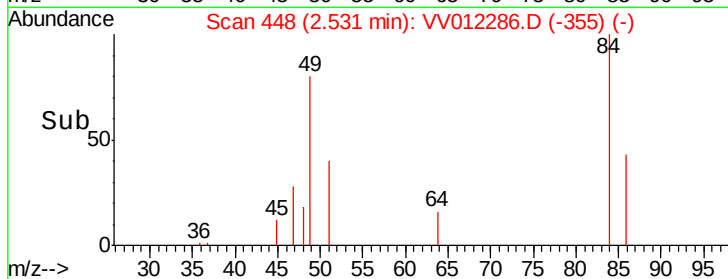
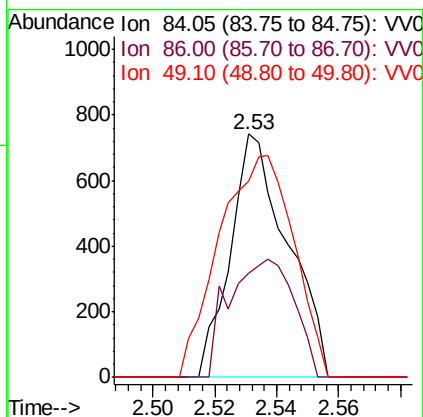
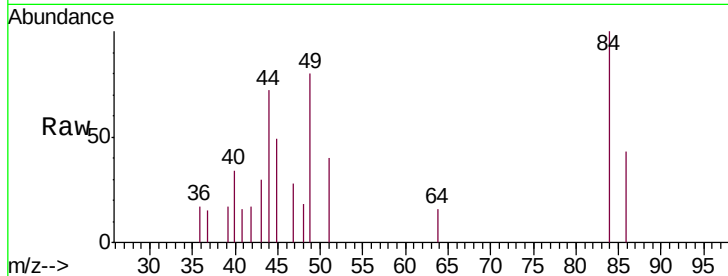




#16
Methylene chloride
Concen: 0.153 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV012286.D
Acq: 19 Aug 2019 19:28

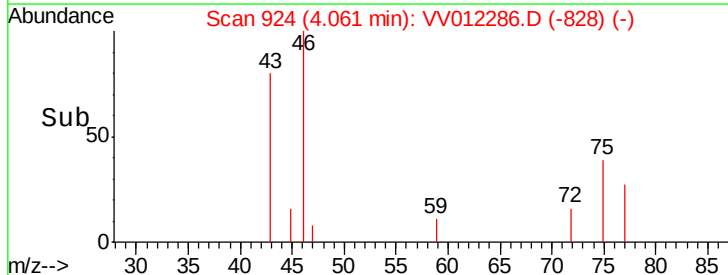
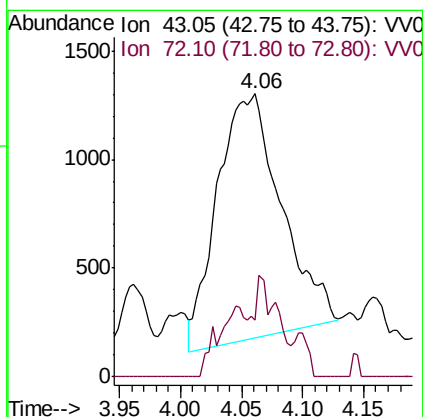
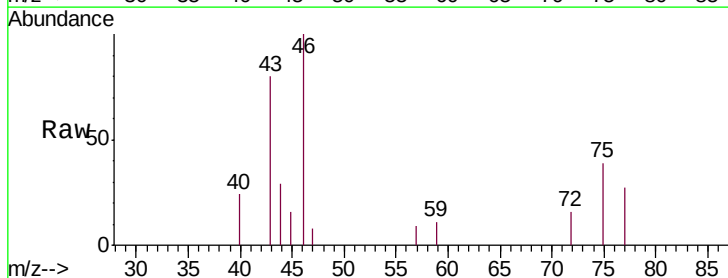
Instrument :
MSVOA_V
ClientSampleId :
C0AJ0

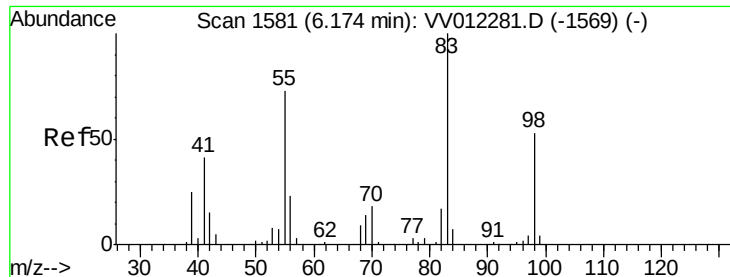
Tgt Ion: 84 Resp: 955
Ion Ratio Lower Upper
84 100
86 42.9 49.5 91.9#
49 80.5 72.1 133.9



#21
2-Butanone
Concen: 2.310 ug/L
RT: 4.06 min Scan# 924
Delta R.T. 0.01 min
Lab File: VV012286.D
Acq: 19 Aug 2019 19:28

Tgt Ion: 43 Resp: 4116
Ion Ratio Lower Upper
43 100
72 15.1 14.8 44.4

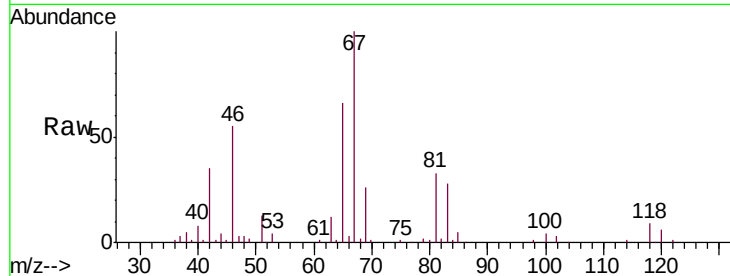




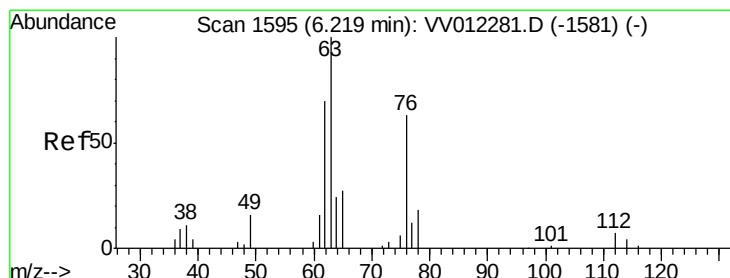
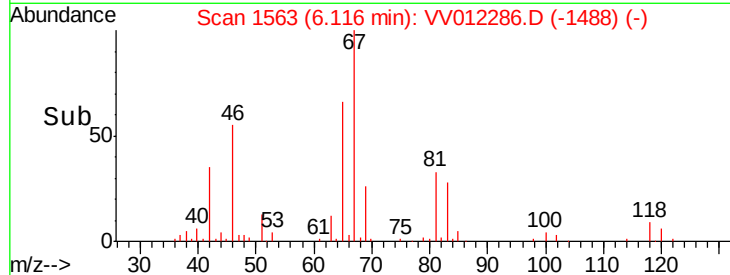
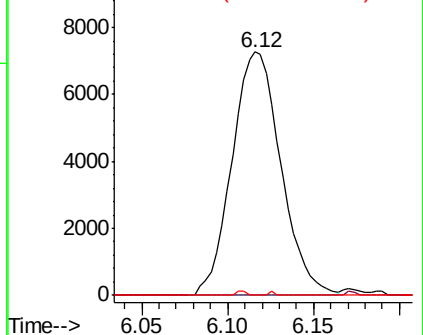
#35
Methylcyclohexane
Concen: 0.749 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012286.D
Acq: 19 Aug 2019 19:28

Instrument :
MSVOA_V
ClientSampleId :
C0AJ0

Tgt Ion: 83 Resp: 14319
Ion Ratio Lower Upper
83 100
55 0.3 57.3 85.9#
98 0.3 40.3 60.5#

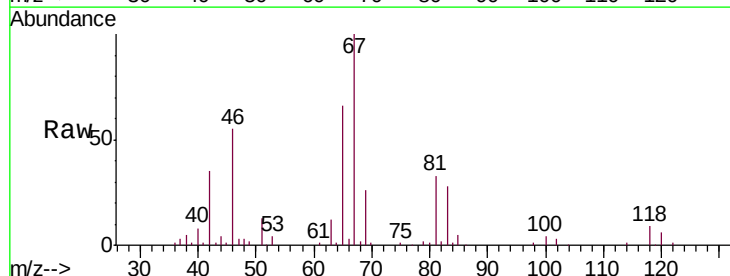


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

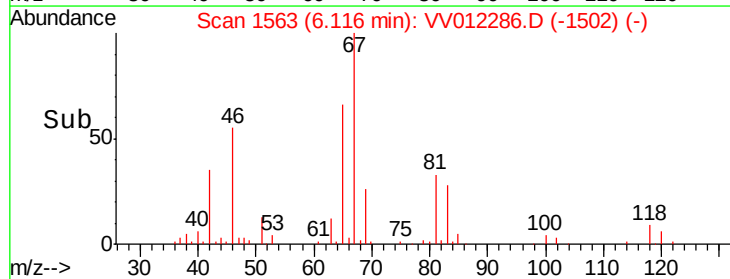
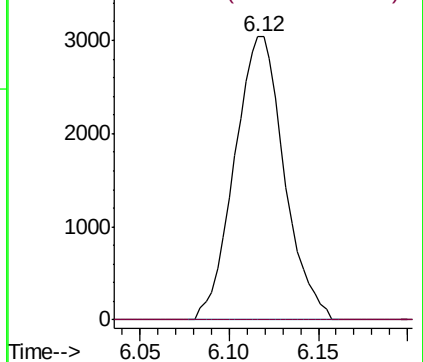


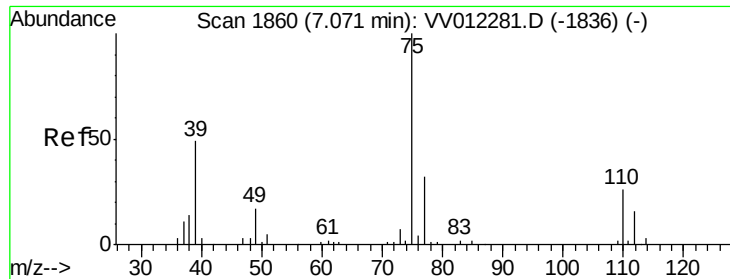
#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012286.D
Acq: 19 Aug 2019 19:28

Tgt Ion: 63 Resp: 5890
Ion Ratio Lower Upper
63 100
112 0.0 5.1 7.7#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

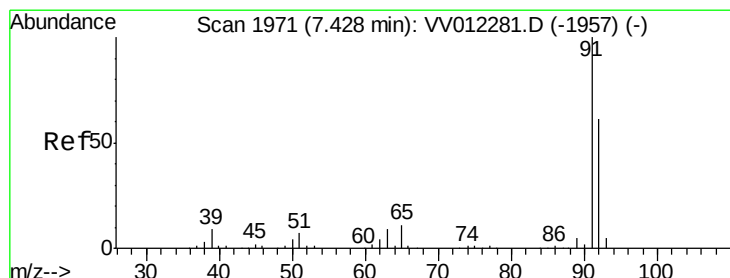
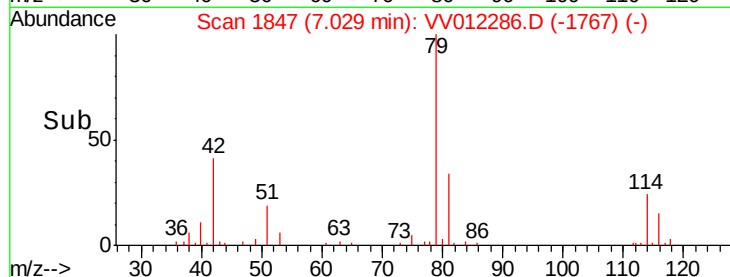
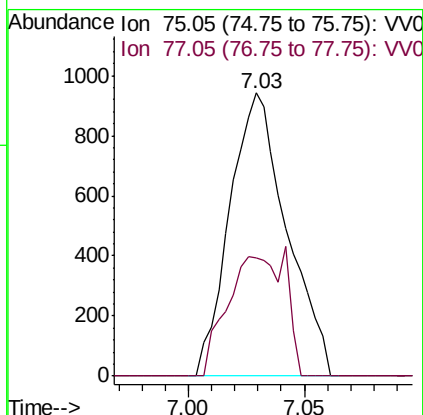
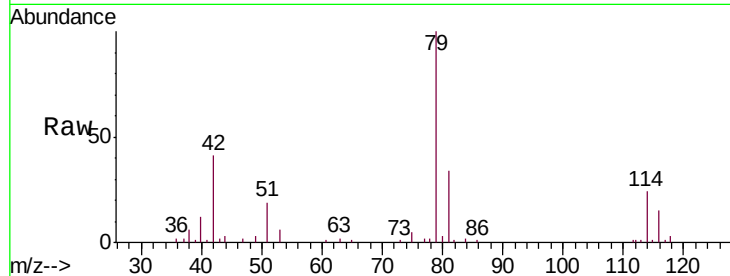




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012286.D
 Acq: 19 Aug 2019 19:28

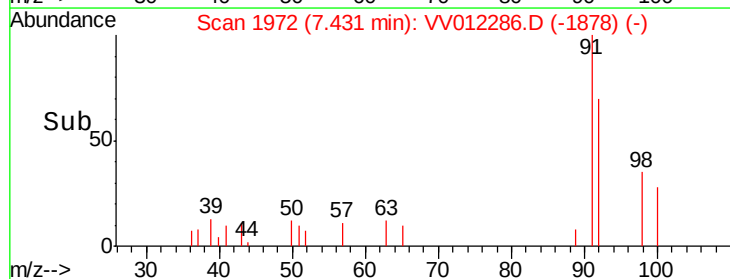
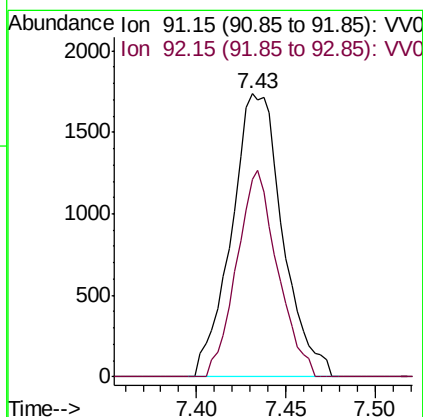
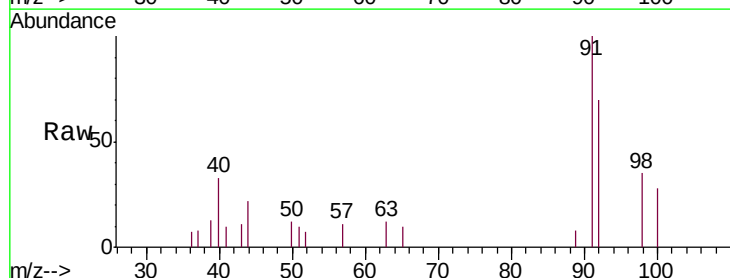
Instrument :
 MSVOA_V
 ClientSampled :
 C0AJ0

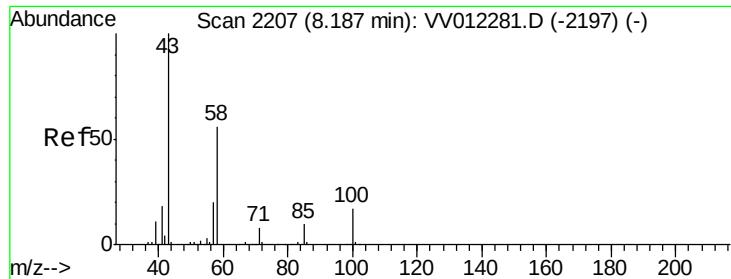
Tgt Ion: 75 Resp: 1612
 Ion Ratio Lower Upper
 75 100
 77 41.8 21.5 39.9#



#42
 Toluene
 Concen: 0.072 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV012286.D
 Acq: 19 Aug 2019 19:28

Tgt Ion: 91 Resp: 3485
 Ion Ratio Lower Upper
 91 100
 92 69.9 41.6 77.3





#48
 2-Hexanone
 Concen: 5.408 ug/L
 RT: 8.19 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: VV012286.D
 Acq: 19 Aug 2019 19:28

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ0

Tgt Ion:	43	Resp:	20820
Ion	Ratio	Lower	Upper
43	100		
58	41.3	45.4	68.2#
57	14.1	16.8	25.2#
100	11.1	12.2	18.2#

