

Data File : VV012226.D
Acq On : 13 Aug 2019 20:30
Operator : SY/MD
Sample : K4337-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD0

Quant Time: Aug 14 02:54:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 14 02:48:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	207345	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	208111	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	84748	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58504	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	47897	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.13	63	73220	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.94	46	38348	13.90	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	27.80%#
24) Chloroform-d	4.40	84	106694	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.08	65	58244	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	234953	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.12	67	71269	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.36	98	199981	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.66	79	23906	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.13	63	72571	38.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51501	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	73102	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

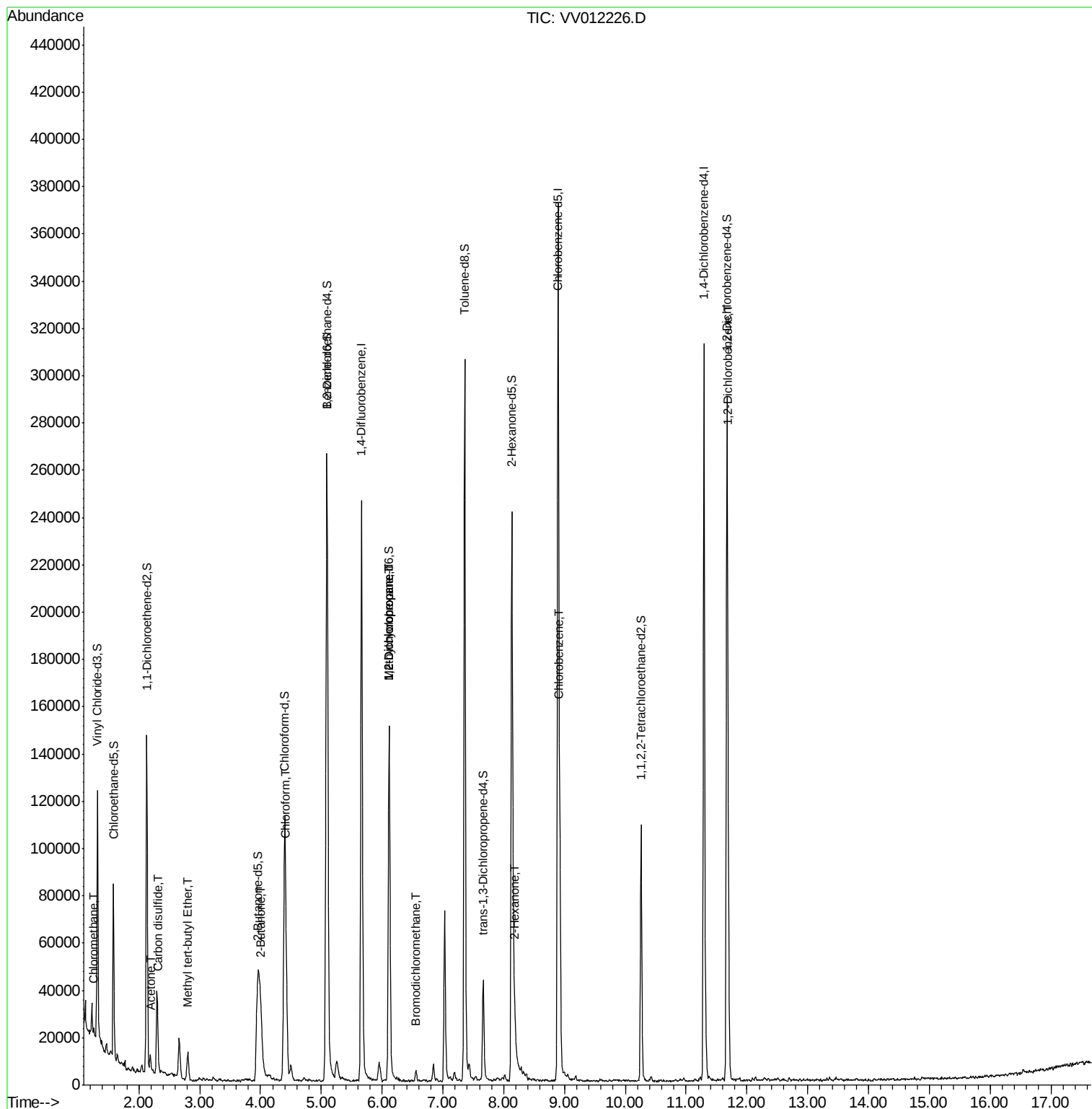
					Qvalue
3) Chloromethane	1.26	50	2190	0.122 ug/L	93
13) Acetone	2.18	43	4488	2.610 ug/L	88
14) Carbon disulfide	2.32	76	1830	0.057 ug/L #	71
17) Methyl tert-butyl Ether	2.80	73	10826	0.360 ug/L #	89
21) 2-Butanone	4.01	43	34937	9.938 ug/L #	70
25) Chloroform	4.42	83	26843	0.887 ug/L	98
35) Methylcyclohexane	6.11	83	17188	0.651 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	7524	0.480 ug/L #	87
38) Bromodichloromethane	6.55	83	2871	0.142 ug/L	95
48) 2-Hexanone	8.18	43	9992	1.646 ug/L #	82
51) Chlorobenzene	8.92	112	48776	1.128 ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	40077	1.548 ug/L	99

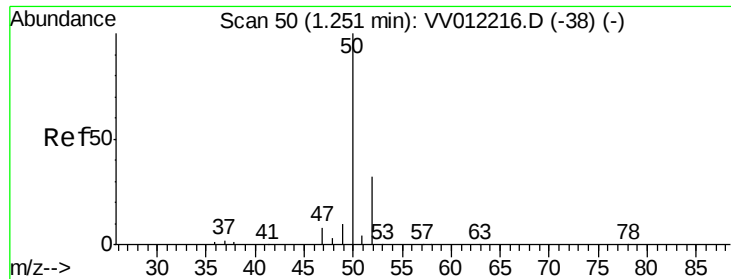
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 14 02:48:55 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.122 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.01 min

Lab File: VV012226.D

Acq: 13 Aug 2019 20:30

Instrument :

MSVOA_V

ClientSampled :

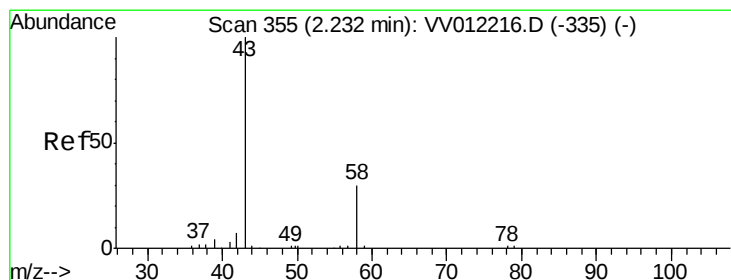
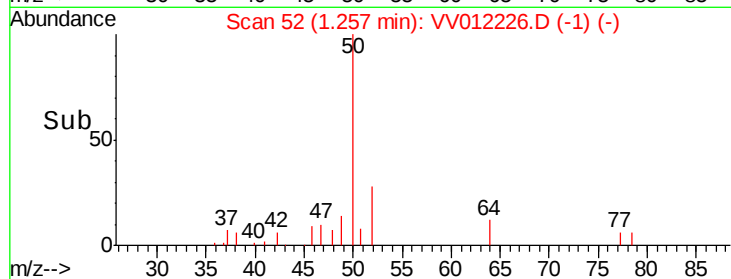
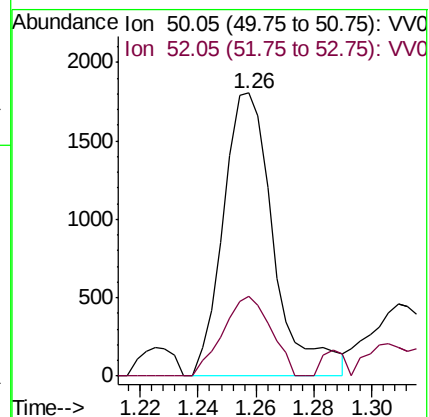
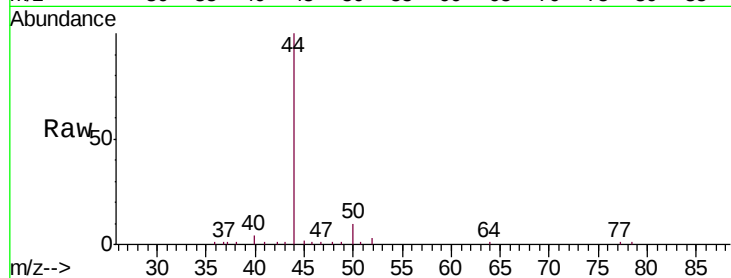
C0AD0

Tgt Ion: 50 Resp: 2190

Ion Ratio Lower Upper

50 100

52 28.3 22.6 42.0



#13

Acetone

Concen: 2.610 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.05 min

Lab File: VV012226.D

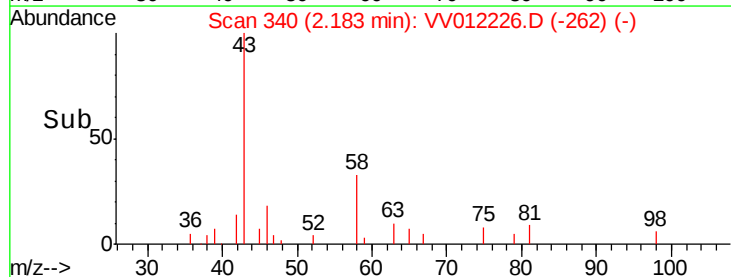
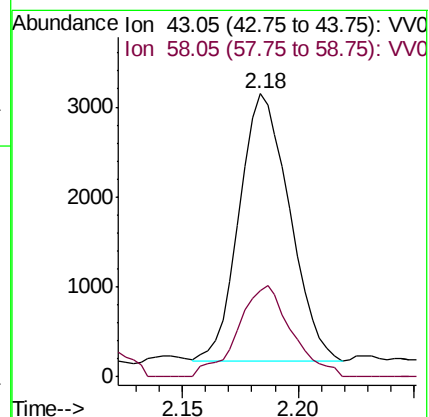
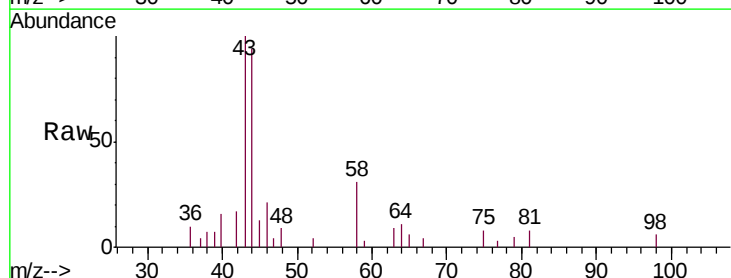
Acq: 13 Aug 2019 20:30

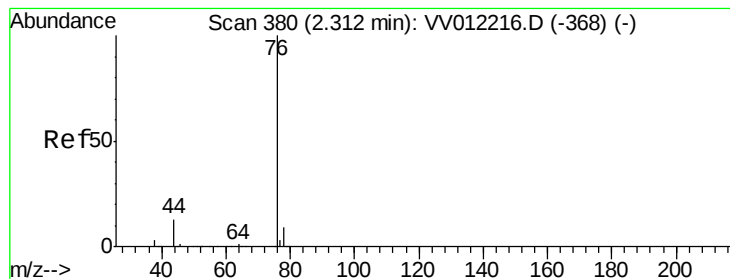
Tgt Ion: 43 Resp: 4488

Ion Ratio Lower Upper

43 100

58 36.4 0.0 59.4





#14

Carbon disulfide

Concen: 0.057 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV012226.D

Acq: 13 Aug 2019 20:30

Instrument :

MSVOA_V

ClientSampled :

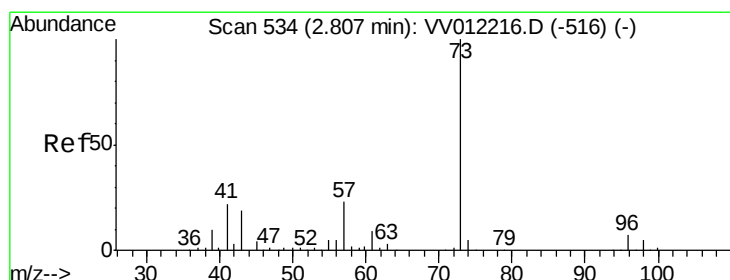
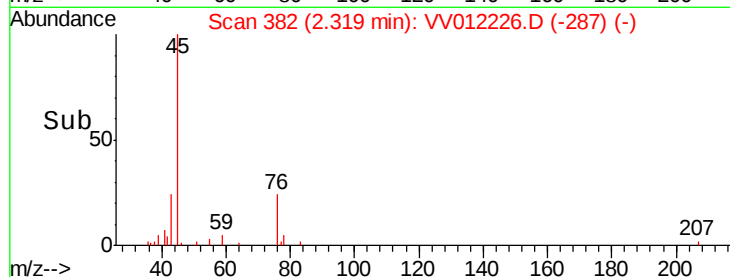
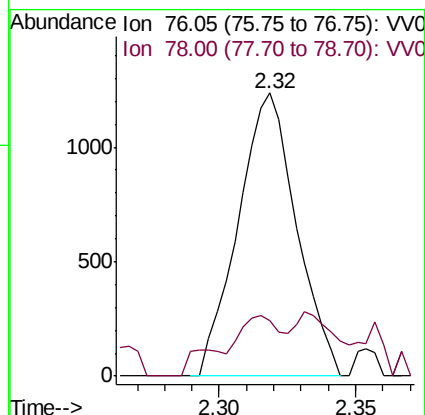
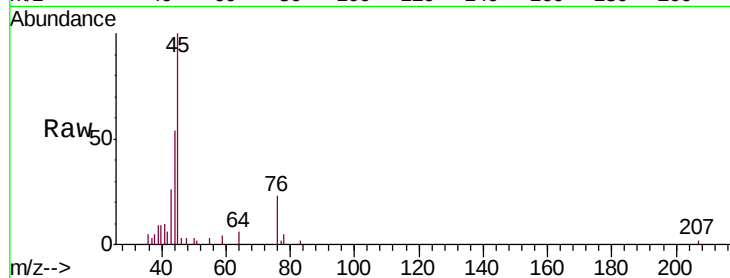
C0AD0

Tgt Ion: 76 Resp: 1830

Ion Ratio Lower Upper

76 100

78 19.4 7.2 10.8#



#17

Methyl tert-butyl Ether

Concen: 0.360 ug/L

RT: 2.80 min Scan# 533

Delta R.T. -0.00 min

Lab File: VV012226.D

Acq: 13 Aug 2019 20:30

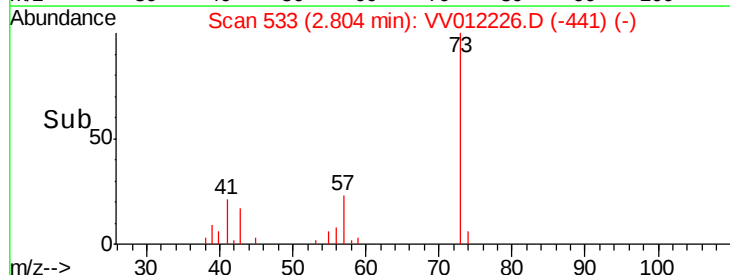
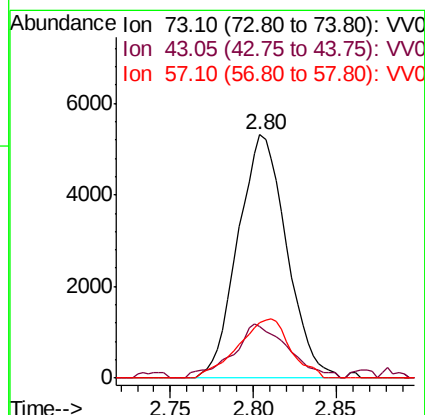
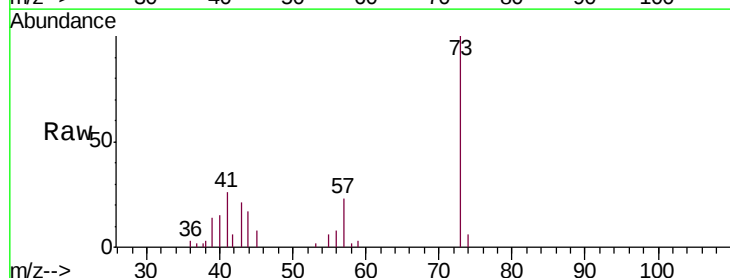
Tgt Ion: 73 Resp: 10826

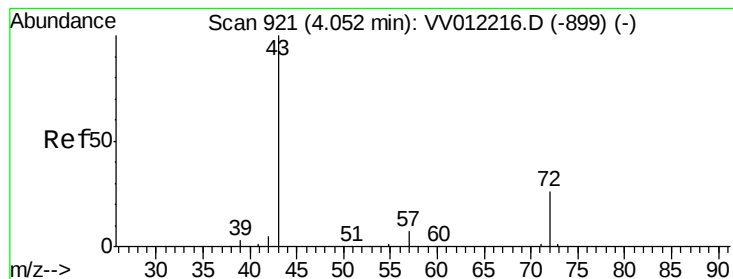
Ion Ratio Lower Upper

73 100

43 25.1 15.4 23.0#

57 26.2 17.8 26.6





#21

2-Butanone

Concen: 9.938 ug/L

RT: 4.01 min Scan# 909

Delta R.T. -0.04 min

Lab File: VV012226.D

Acq: 13 Aug 2019 20:30

Instrument :

MSVOA_V

ClientSampled :

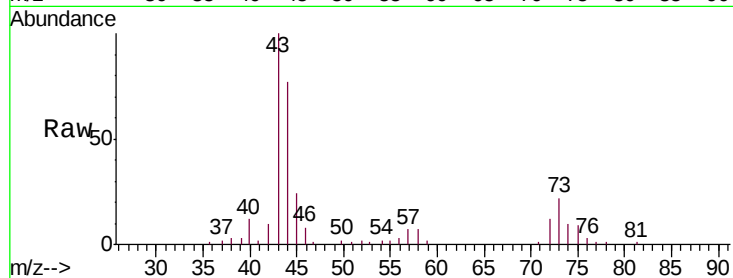
C0AD0

Tgt Ion: 43 Resp: 34937

Ion Ratio Lower Upper

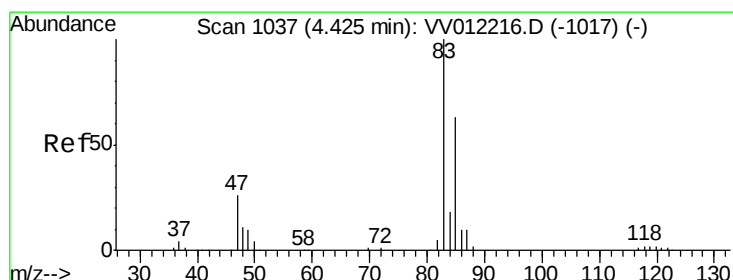
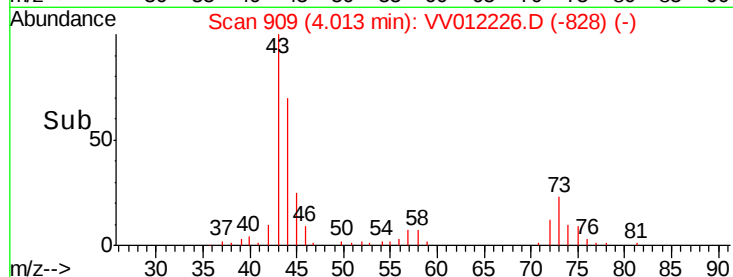
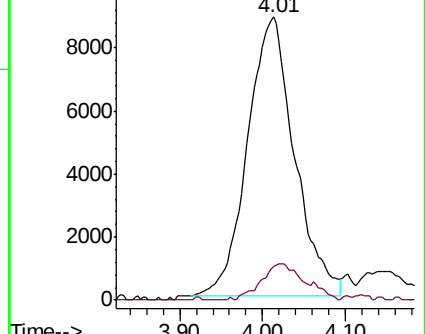
43 100

72 10.6 12.9 38.7#



Abundance Ion 43.05 (42.75 to 43.75): VV012226.D (-899) (-)

Ion 72.10 (71.80 to 72.80): VV012226.D (-899) (-)



#25

Chloroform

Concen: 0.887 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV012226.D

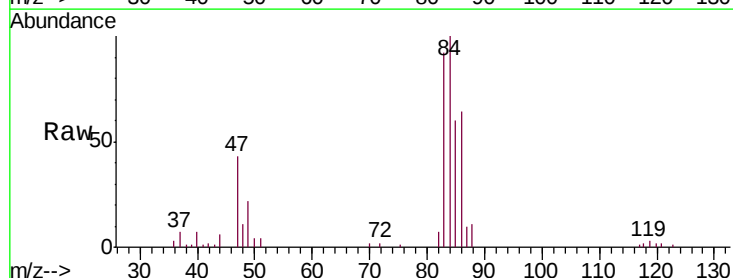
Acq: 13 Aug 2019 20:30

Tgt Ion: 83 Resp: 26843

Ion Ratio Lower Upper

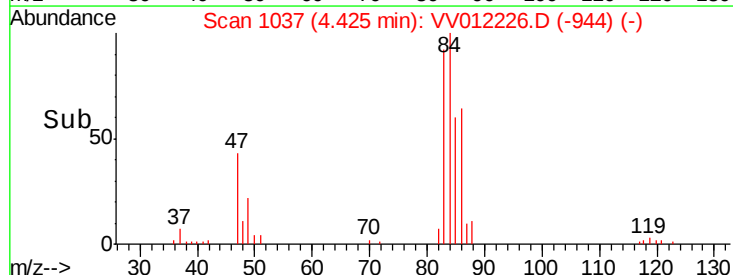
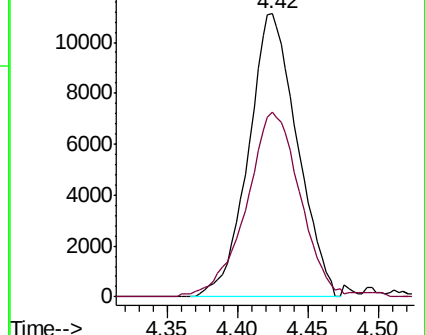
83 100

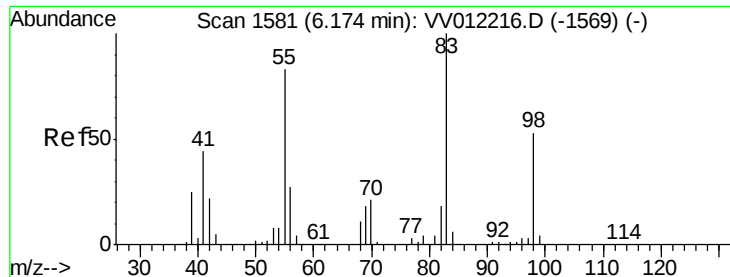
85 65.1 44.3 82.3



Abundance Ion 83.05 (82.75 to 83.75): VV012226.D (-1017) (-)

Ion 85.00 (84.70 to 85.70): VV012226.D (-1017) (-)

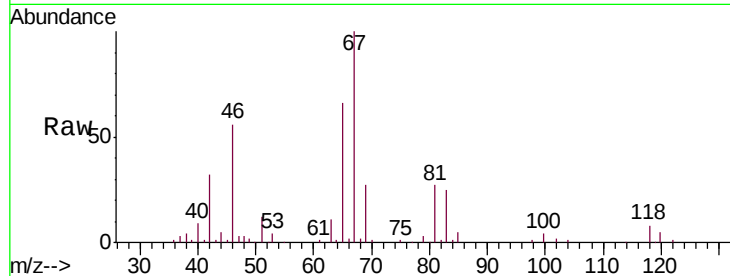




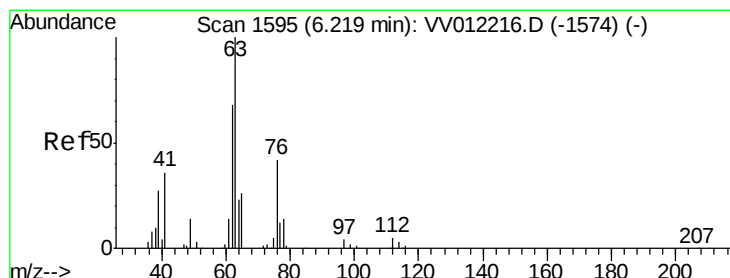
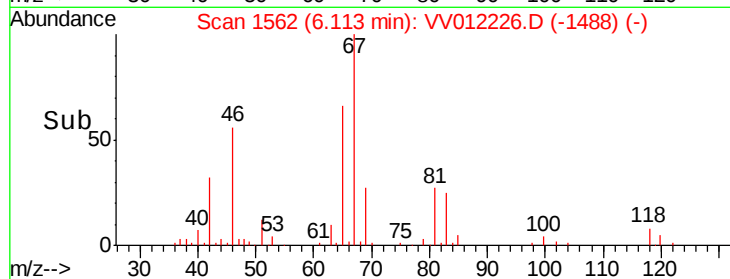
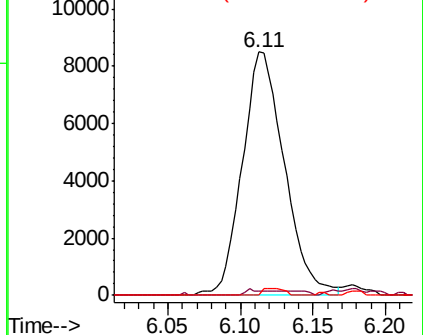
#35
Methylcyclohexane
Concen: 0.651 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV012226.D
Acq: 13 Aug 2019 20:30

Instrument :
MSVOA_V
ClientSampled :
C0AD0

Tgt Ion: 83 Resp: 17188
Ion Ratio Lower Upper
83 100
55 1.1 62.2 93.2#
98 1.4 39.2 58.8#

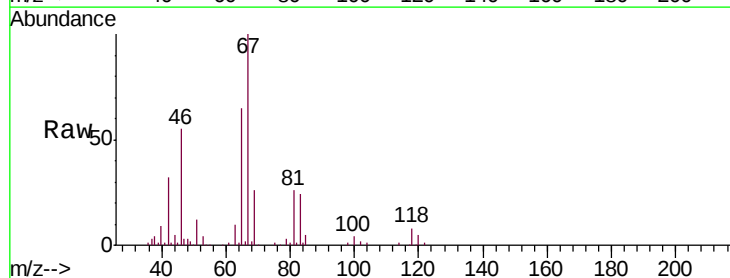


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

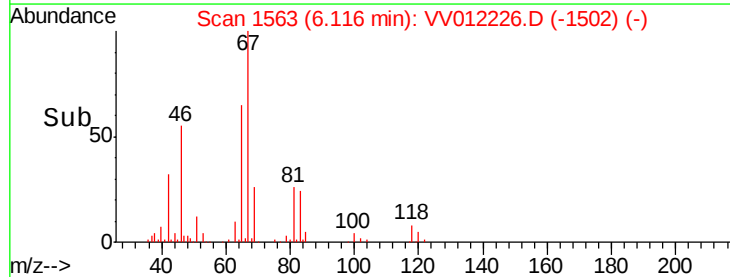
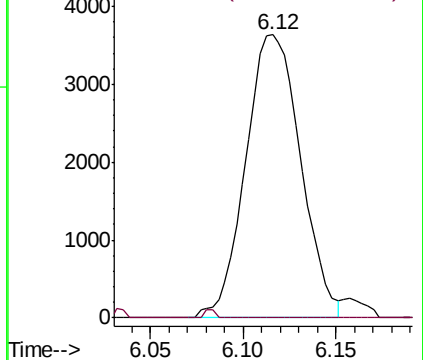


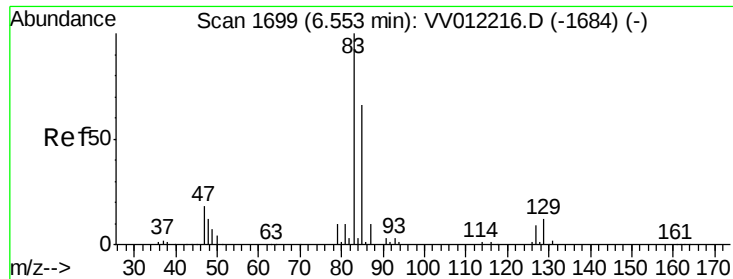
#37
1,2-Dichloropropane
Concen: 0.480 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012226.D
Acq: 13 Aug 2019 20:30

Tgt Ion: 63 Resp: 7524
Ion Ratio Lower Upper
63 100
112 0.6 3.8 5.8#



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

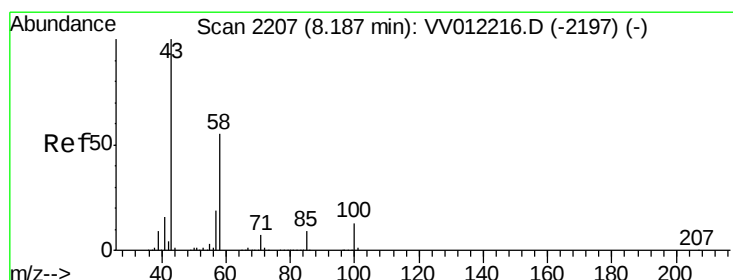
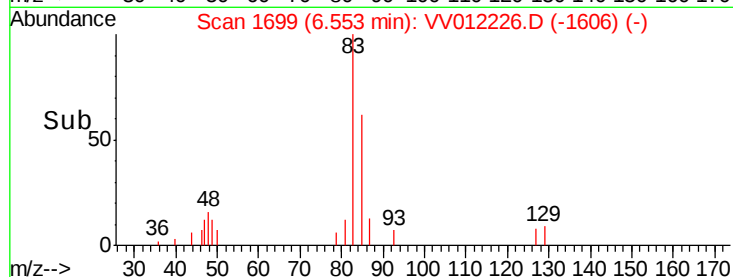
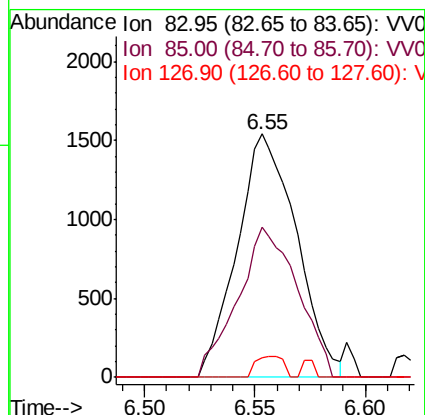
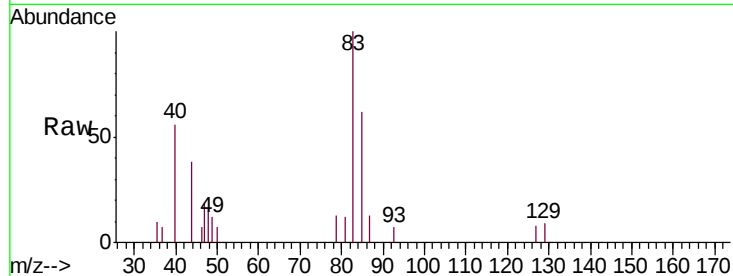




#38
 Bromodichloromethane
 Concen: 0.142 ug/L
 RT: 6.55 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VV012226.D
 Acq: 13 Aug 2019 20:30

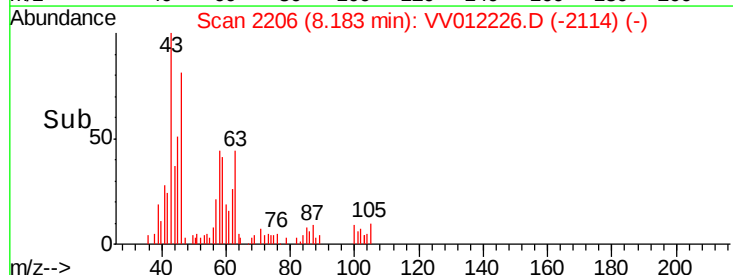
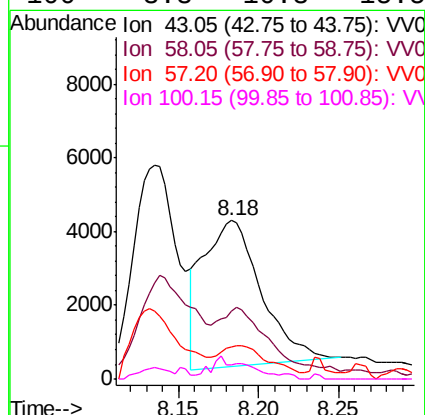
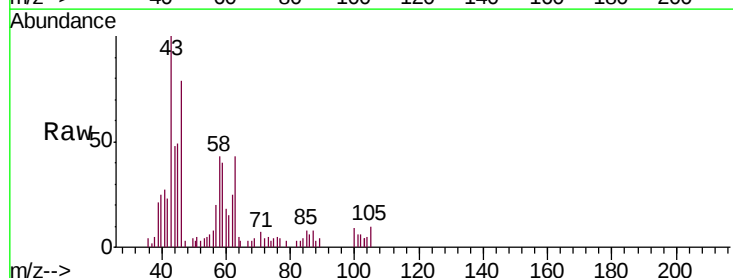
Instrument :
 MSVOA_V
 ClientSampleId :
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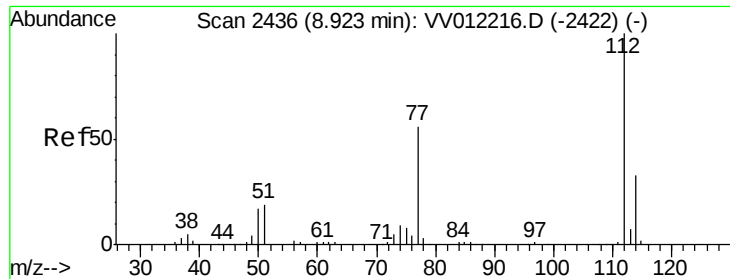
Tgt Ion: 83 Resp: 2871
 Ion Ratio Lower Upper
 83 100
 85 61.7 45.9 85.3
 127 8.0 7.4 11.2



#48
 2-Hexanone
 Concen: 1.646 ug/L
 RT: 8.18 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: VV012226.D
 Acq: 13 Aug 2019 20:30

Tgt Ion: 43 Resp: 9992
 Ion Ratio Lower Upper
 43 100
 58 38.0 43.0 64.4#
 57 19.9 14.9 22.3
 100 3.3 10.3 15.5#

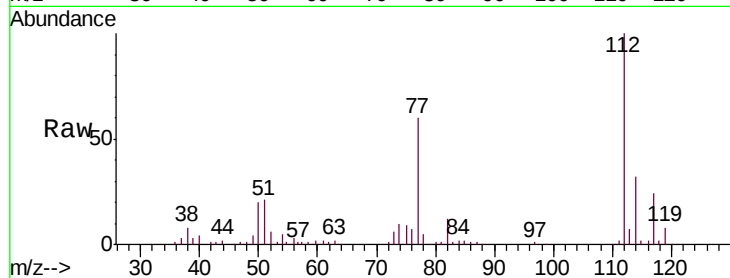




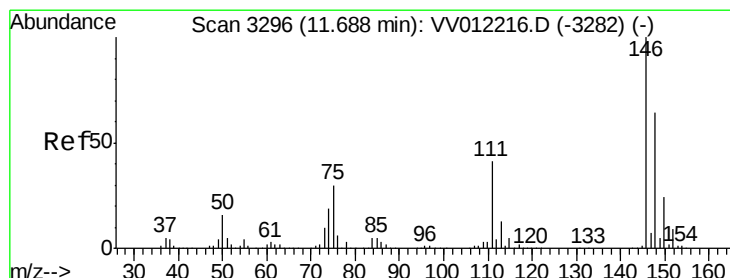
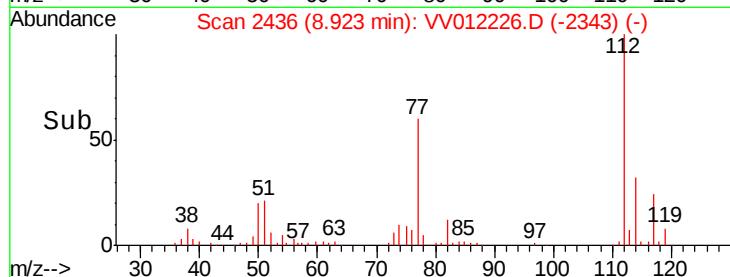
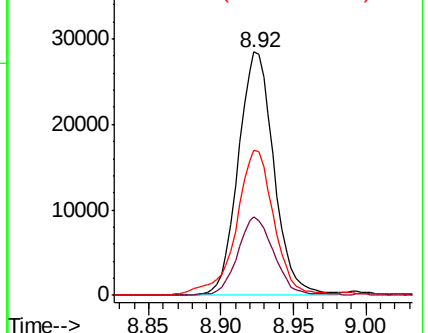
#51
Chlorobenzene
Concen: 1.128 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV012226.D
Acq: 13 Aug 2019 20:30

Instrument :
MSVOA_V
ClientSampleId :
C0AD0

Tgt Ion:112 Resp: 48776
Ion Ratio Lower Upper
112 100
114 32.2 22.8 42.4
77 59.8 45.4 68.2

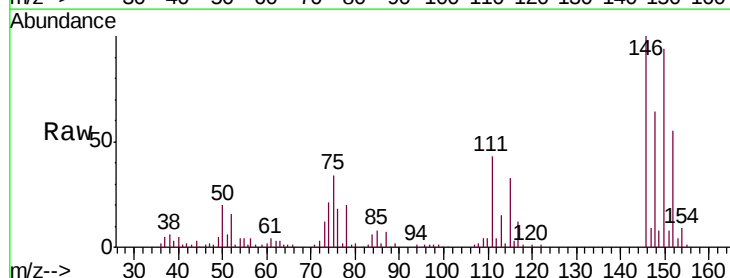


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V



#65
1,2-Dichlorobenzene
Concen: 1.548 ug/L
RT: 11.69 min Scan# 3296
Delta R.T. -0.00 min
Lab File: VV012226.D
Acq: 13 Aug 2019 20:30

Tgt Ion:146 Resp: 40077
Ion Ratio Lower Upper
146 100
111 42.7 33.0 49.4
148 64.2 51.1 76.7



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

