

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081619\
 Data File : VV012266.D
 Acq On : 16 Aug 2019 13:11
 Operator : SY/MD
 Sample : K4373-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ4

Quant Time: Aug 16 23:38:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 16 23:35:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	179807	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	179630	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	70838	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77576	7.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	140.00%#
7) Chloroethane-d5	1.58	69	40622	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.13	63	76895	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	3.96	46	166809	69.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	139.44%#
24) Chloroform-d	4.40	84	145453	6.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	132.60%#
26) 1,2-Dichloroethane-d4	5.08	65	69943	6.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	134.80%#
32) Benzene-d6	5.10	84	289682	6.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	127.40%#
36) 1,2-Dichloropropane-d6	6.12	67	85053	6.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	127.00%
41) Toluene-d8	7.36	98	241088	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
43) trans-1,3-Dichloropropene-	7.66	79	29603	5.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.40%
46) 2-Hexanone-d5	8.14	63	88896	54.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53022	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	84768	7.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	141.40%#

Target Compounds

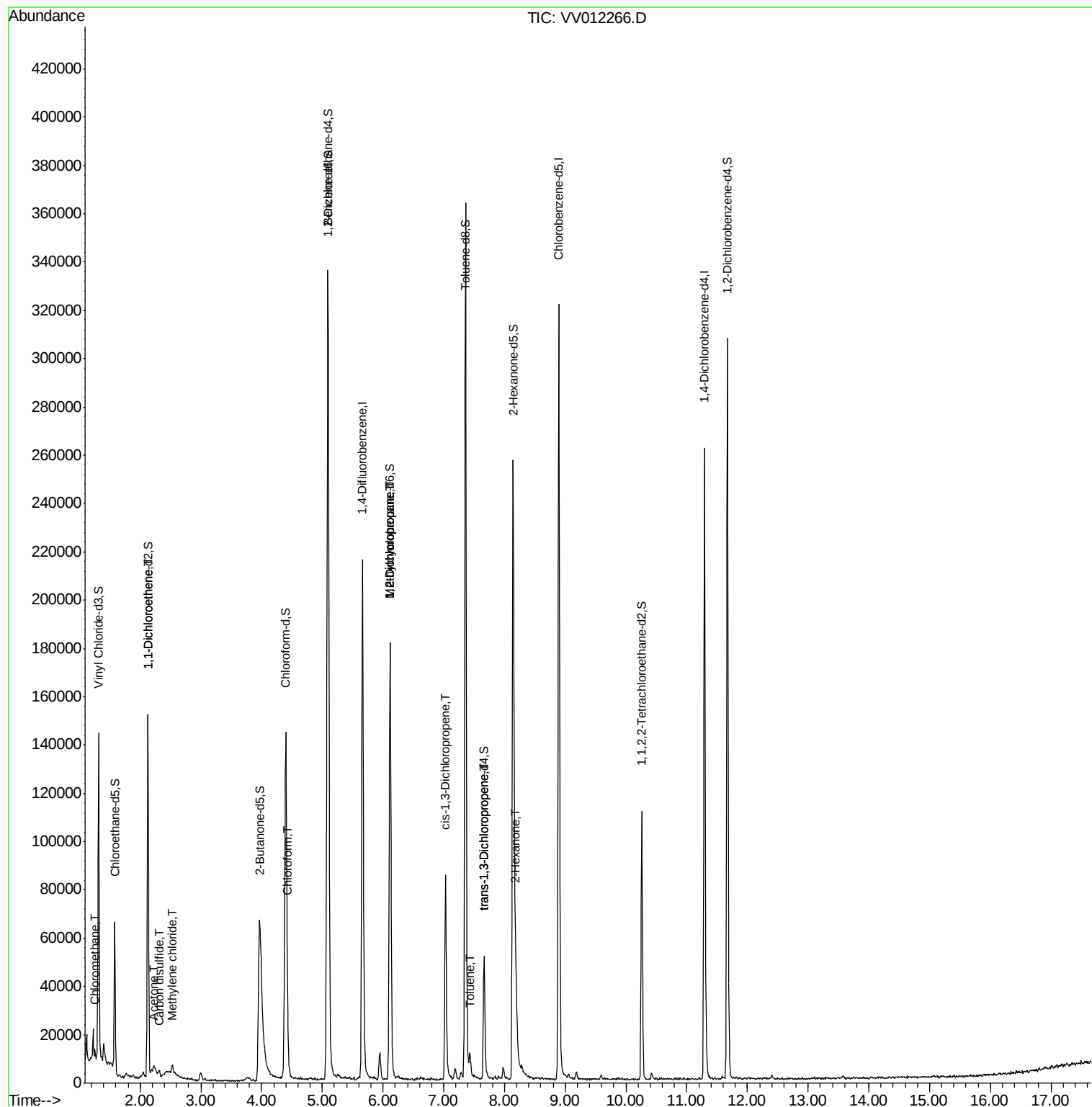
					Qvalue
3) Chloromethane	1.25	50	2474	0.158 ug/L	96
12) 1,1-Dichloroethene	2.13	96	826	0.087 ug/L #	1
13) Acetone	2.23	43	7884	5.288 ug/L	94
14) Carbon disulfide	2.32	76	2660	0.096 ug/L #	94
16) Methylene chloride	2.53	84	1128	0.111 ug/L	92
25) Chloroform	4.43	83	6364	0.243 ug/L	96
35) Methylcyclohexane	6.12	83	21118	0.926 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9899	0.732 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	2237	0.120 ug/L #	74
42) Toluene	7.43	91	5604	0.097 ug/L	92
44) trans-1,3-Dichloropropene	7.66	75	1313	0.090 ug/L	83
48) 2-Hexanone	8.19	43	20922	3.994 ug/L #	86

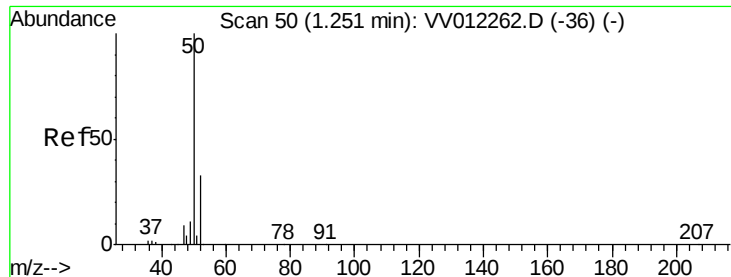
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.158 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012266.D

Acq: 16 Aug 2019 13:11

Instrument :

MSVOA_V

ClientSampleId :

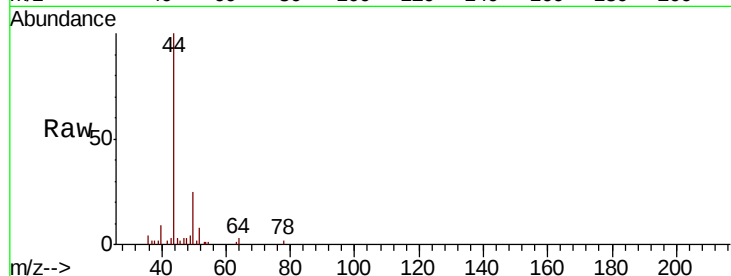
C0AJ4

Tgt Ion: 50 Resp: 2474

Ion Ratio Lower Upper

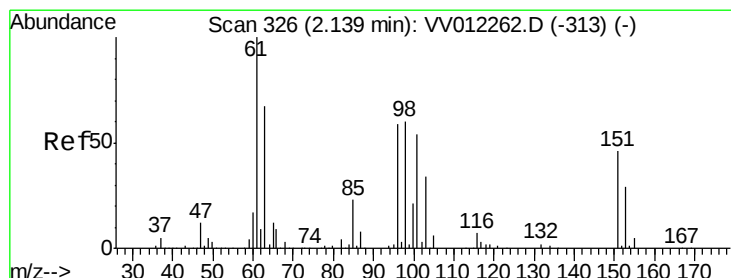
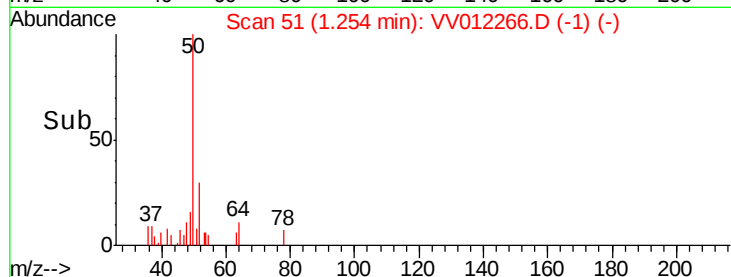
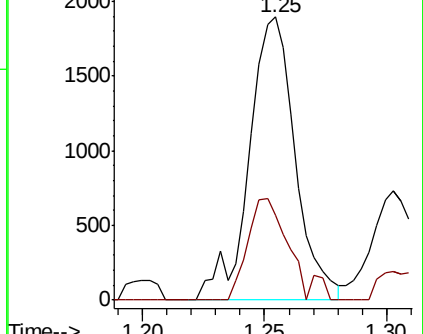
50 100

52 29.9 22.6 42.0



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 0.087 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012266.D

Acq: 16 Aug 2019 13:11

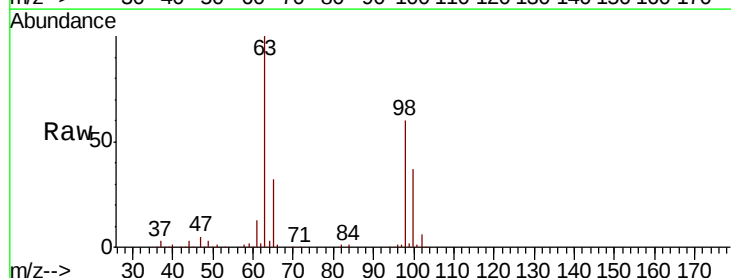
Tgt Ion: 96 Resp: 826

Ion Ratio Lower Upper

96 100

61 1192.7 119.3 221.5#

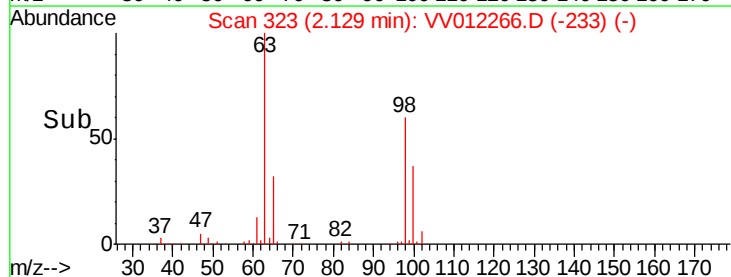
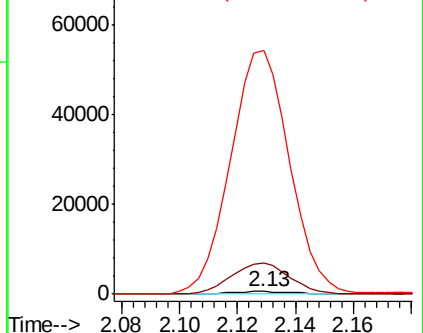
63 9417.7 74.9 139.1#

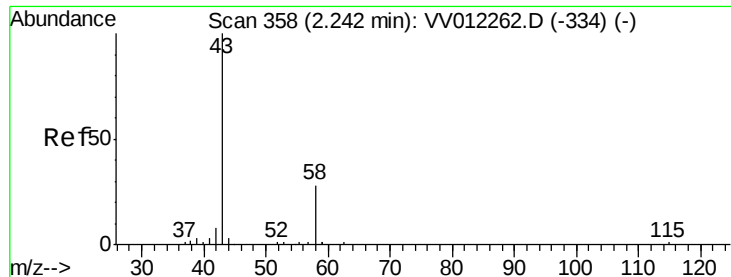


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 5.288 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.02 min

Lab File: VV012266.D

Acq: 16 Aug 2019 13:11

Instrument :

MSVOA_V

ClientSampleId :

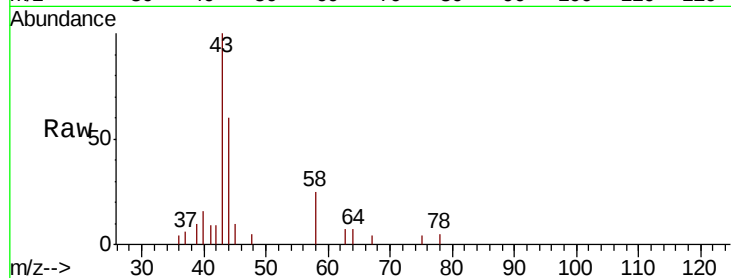
C0AJ4

Tgt Ion: 43 Resp: 7884

Ion Ratio Lower Upper

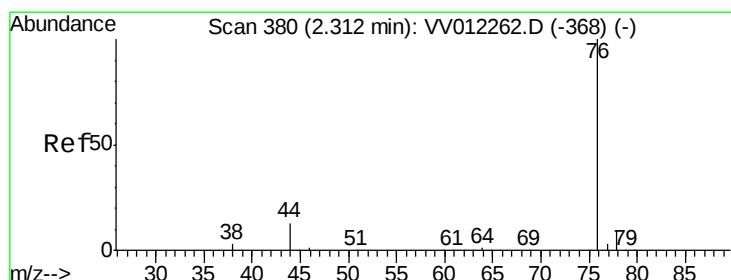
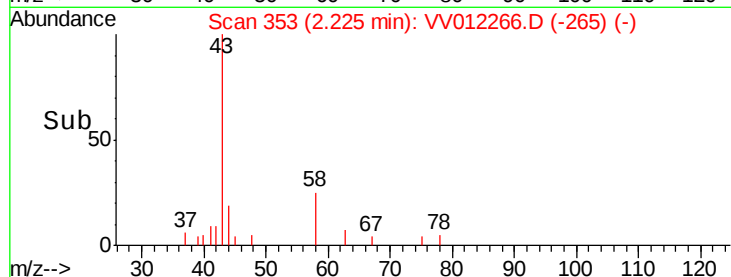
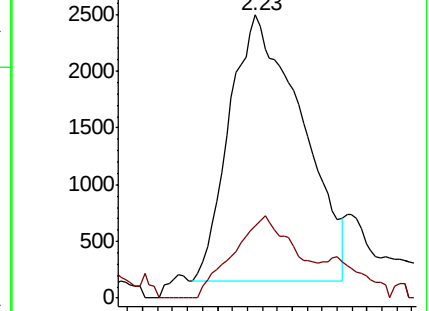
43 100

58 26.5 0.0 59.4



Abundance Ion 43.05 (42.75 to 43.75): VV012266.D (-353) (-)

Ion 58.05 (57.75 to 58.75): VV012266.D (-353) (-)



#14

Carbon disulfide

Concen: 0.096 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV012266.D

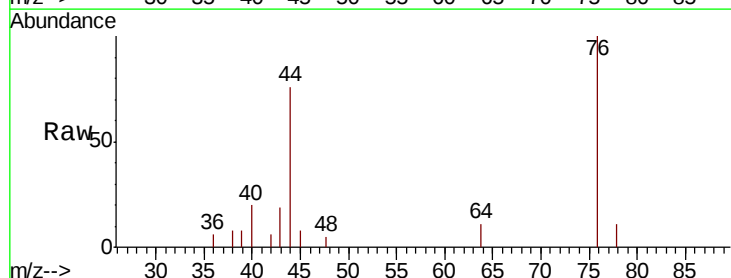
Acq: 16 Aug 2019 13:11

Tgt Ion: 76 Resp: 2660

Ion Ratio Lower Upper

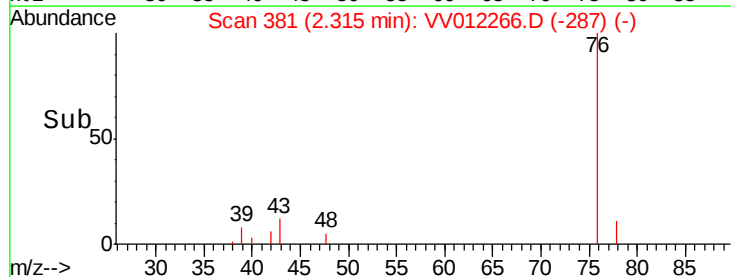
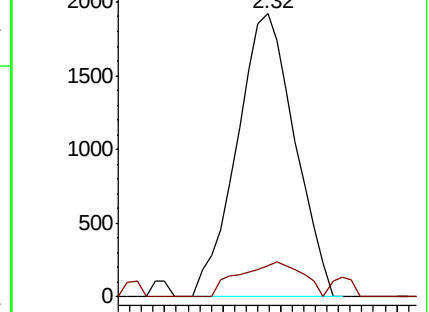
76 100

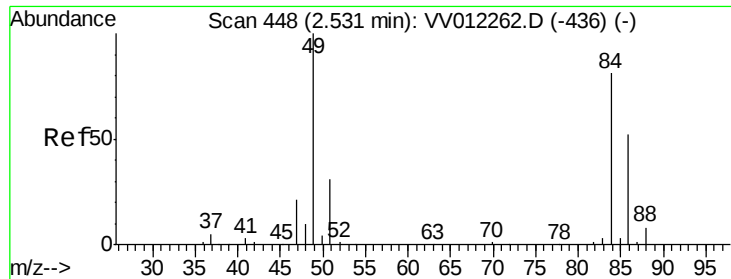
78 11.2 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VV012266.D (-287) (-)

Ion 78.00 (77.70 to 78.70): VV012266.D (-287) (-)

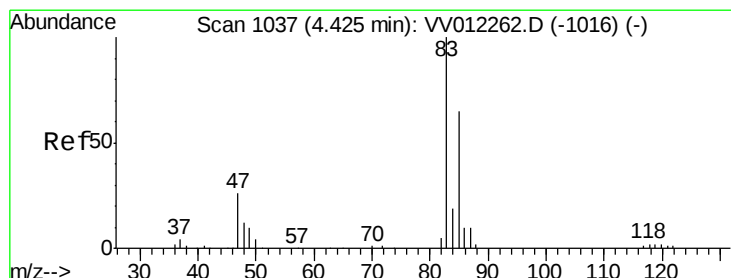
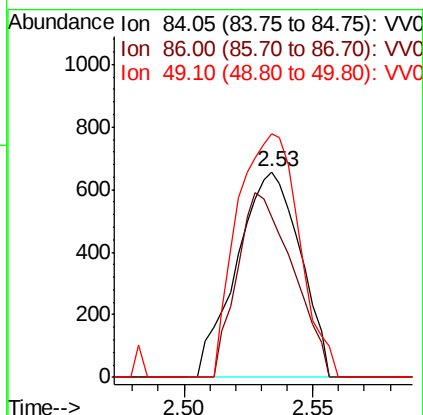
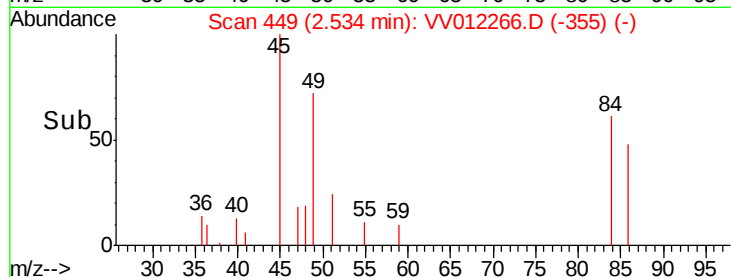
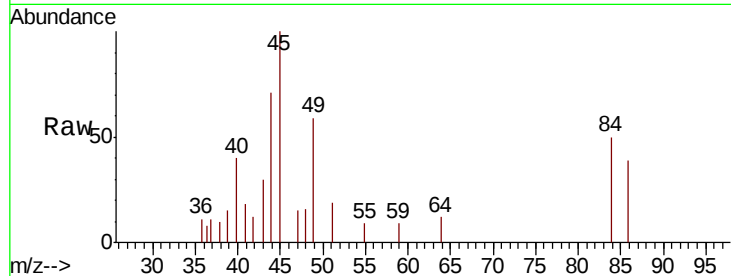




#16
Methylene chloride
Concen: 0.111 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012266.D
Acq: 16 Aug 2019 13:11

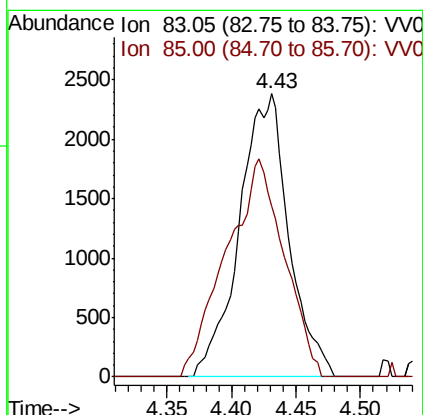
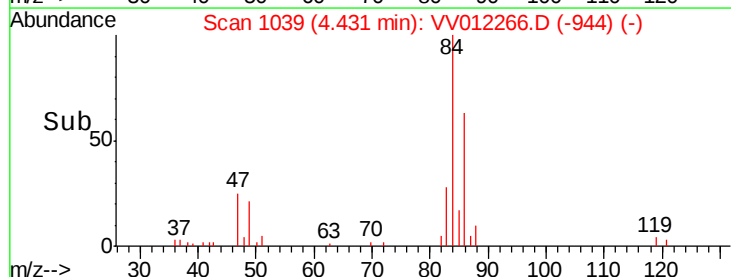
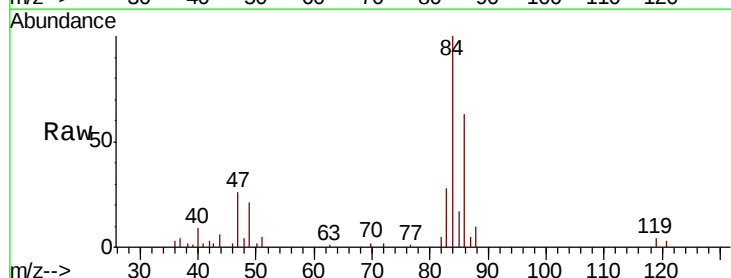
Instrument :
MSVOA_V
ClientSampleId :
C0AJ4

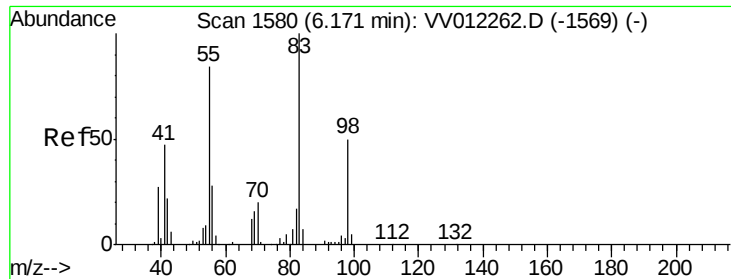
Tgt Ion: 84 Resp: 1128
Ion Ratio Lower Upper
84 100
86 78.0 44.4 82.5
49 118.6 85.1 158.1



#25
Chloroform
Concen: 0.243 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV012266.D
Acq: 16 Aug 2019 13:11

Tgt Ion: 83 Resp: 6364
Ion Ratio Lower Upper
83 100
85 60.2 44.3 82.3





#35

Methylcyclohexane

Concen: 0.926 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV012266.D

Acq: 16 Aug 2019 13:11

Instrument :

MSVOA_V

ClientSampleId :

C0AJ4

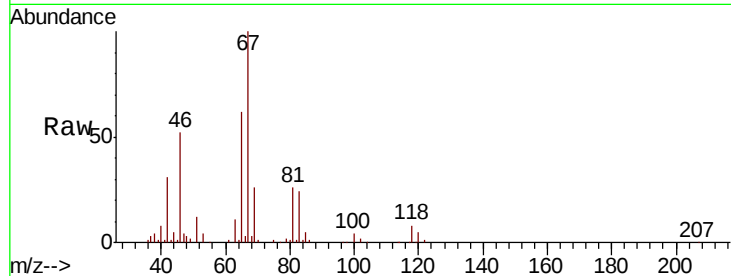
Tgt Ion: 83 Resp: 21118

Ion Ratio Lower Upper

83 100

55 0.6 62.2 93.2#

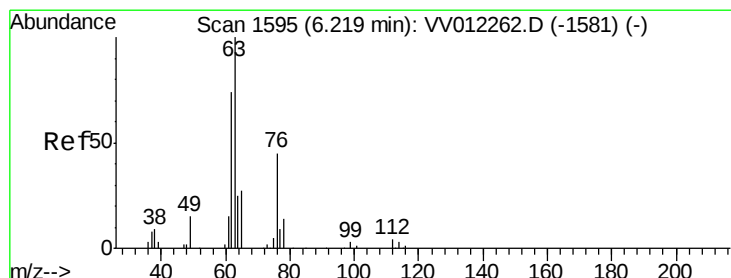
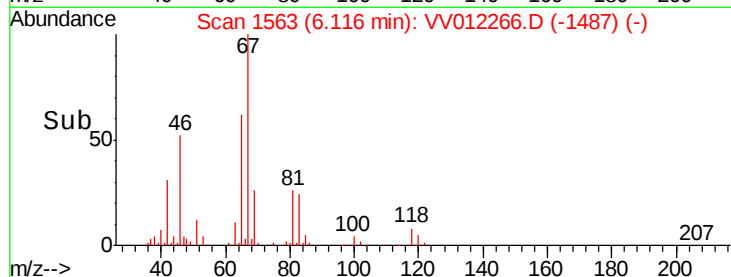
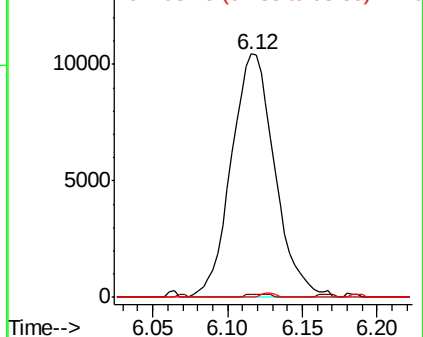
98 0.6 39.2 58.8#



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: 0.732 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012266.D

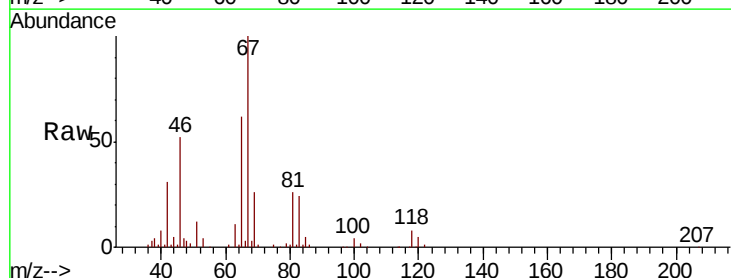
Acq: 16 Aug 2019 13:11

Tgt Ion: 63 Resp: 9899

Ion Ratio Lower Upper

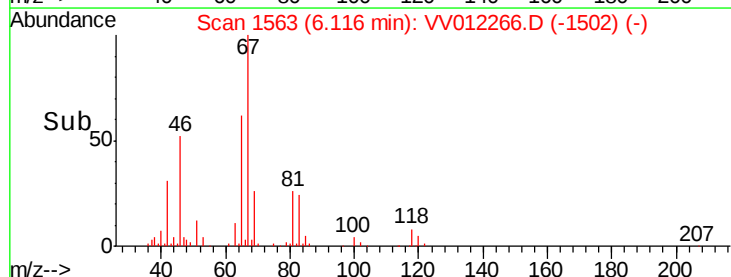
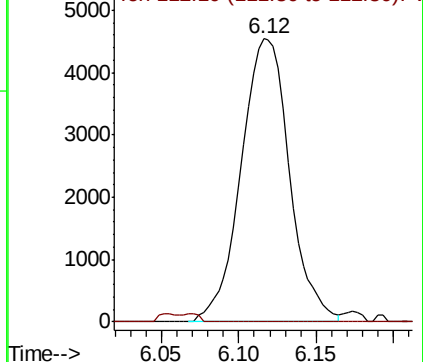
63 100

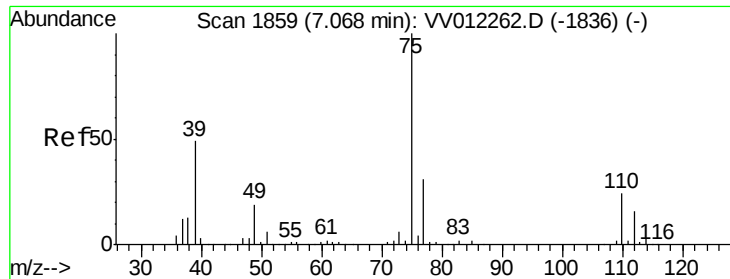
112 0.7 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

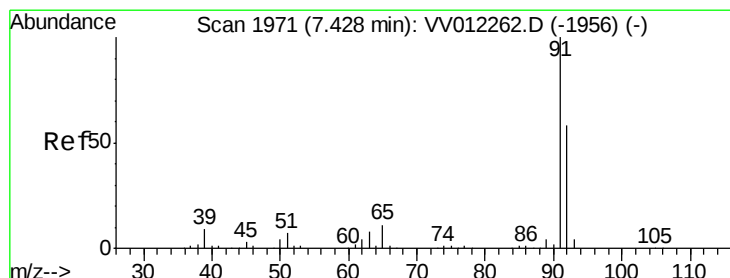
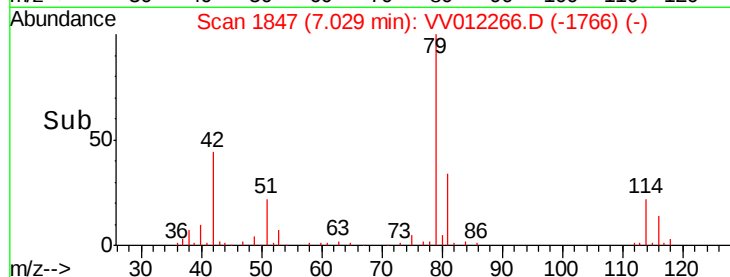
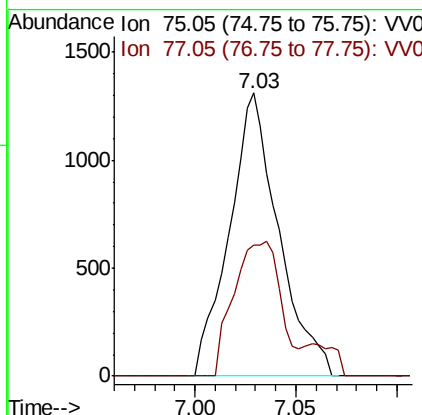
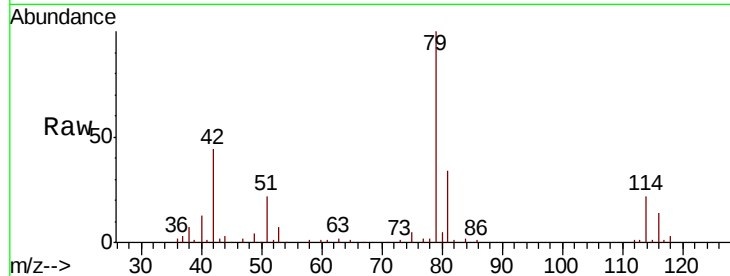




#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012266.D
 Acq: 16 Aug 2019 13:11

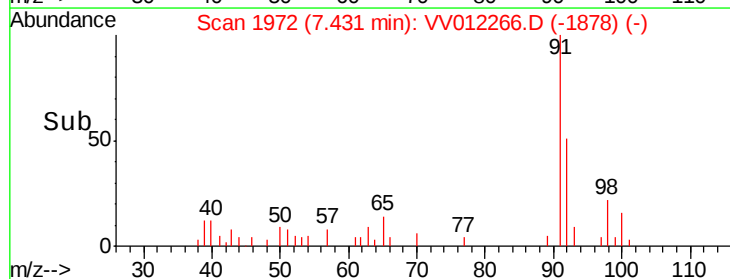
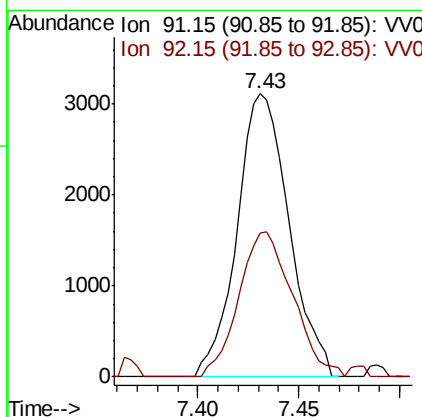
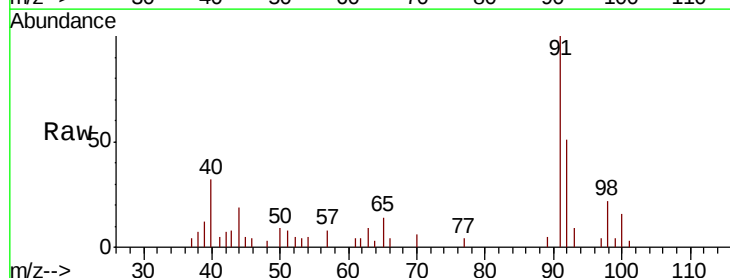
Instrument :
 MSVOA_V
 ClientSampled :
 C0AJ4

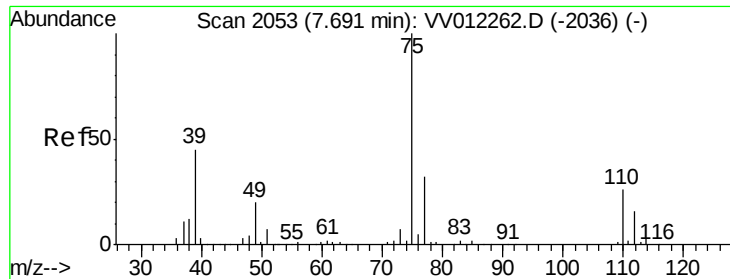
Tgt Ion: 75 Resp: 2237
 Ion Ratio Lower Upper
 75 100
 77 46.3 22.2 41.2#



#42
 Toluene
 Concen: 0.097 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV012266.D
 Acq: 16 Aug 2019 13:11

Tgt Ion: 91 Resp: 5604
 Ion Ratio Lower Upper
 91 100
 92 50.6 39.8 73.8

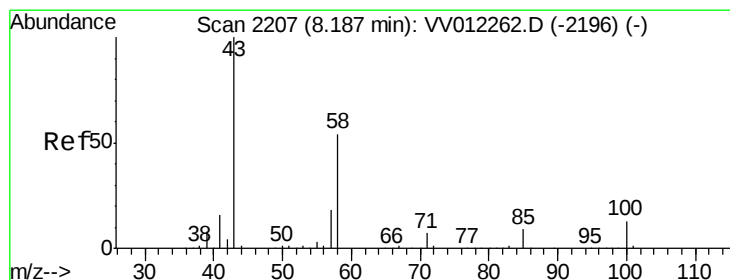
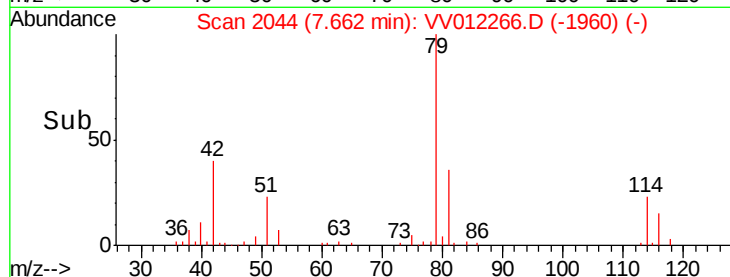
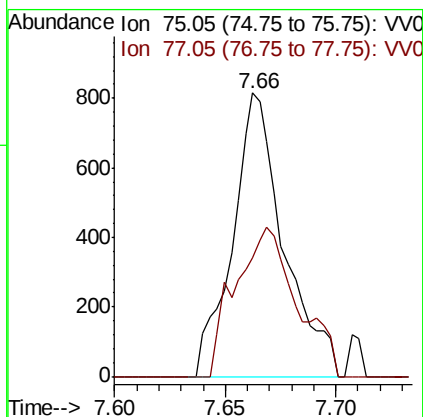
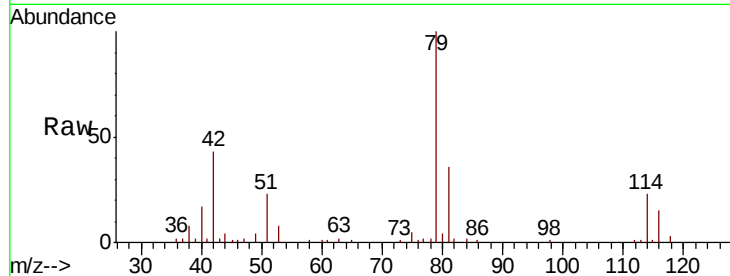




#44
trans-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012266.D
Acq: 16 Aug 2019 13:11

Instrument :
MSVOA_V
ClientSampled :
C0AJ4

Tgt Ion: 75 Resp: 1313
Ion Ratio Lower Upper
75 100
77 41.6 22.5 41.7



#48
2-Hexanone
Concen: 3.994 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VV012266.D
Acq: 16 Aug 2019 13:11

Tgt Ion: 43 Resp: 20922
Ion Ratio Lower Upper
43 100
58 41.6 43.0 64.4#
57 14.1 14.9 22.3#
100 9.3 10.3 15.5#

