

Data File : VV012298.D
Acq On : 20 Aug 2019 00:59
Operator : SY/MD
Sample : K4373-17
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8

Quant Time: Aug 20 02:41:00 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	240975	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	224668	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	107409	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66718	5.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.40%
7) Chloroethane-d5	1.58	69	55032	6.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.40%
11) 1,1-Dichloroethene-d2	2.13	63	81857	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.93	46	219106	66.00	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.00%#
24) Chloroform-d	4.40	84	142847	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.08	65	75417	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.10	84	292900	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.12	67	89337	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.36	98	254293	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.66	79	32725	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.13	63	163052	71.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	143.20%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	71078	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	103837	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

						Qvalue
3) Chloromethane	1.25	50	2427	0.161	ug/L	96
6) Bromomethane	1.53	94	852	0.104	ug/L	98
8) Chloroethane	1.51	64	10217	1.294	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	985	0.080	ug/L #	14
12) 1,1-Dichloroethene	2.13	96	847	0.077	ug/L #	1
13) Acetone	2.18	43	3267	1.881	ug/L	69
14) Carbon disulfide	2.32	76	2917	0.095	ug/L #	90
17) Methyl tert-butyl Ether	2.81	73	2390	0.068	ug/L #	80
35) Methylcyclohexane	6.11	83	22060	0.808	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	9609	0.661	ug/L #	81
39) cis-1,3-Dichloropropene	7.03	75	2579	0.112	ug/L #	73
42) Toluene	7.43	91	5672	0.082	ug/L	86
44) trans-1,3-Dichloropropene	7.67	75	1469	0.080	ug/L	84
48) 2-Hexanone	8.18	43	5984	1.089	ug/L #	85
69) Naphthalene	13.55	128	354829	11.831	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Quantitation Report (Not Reviewed)

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QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration

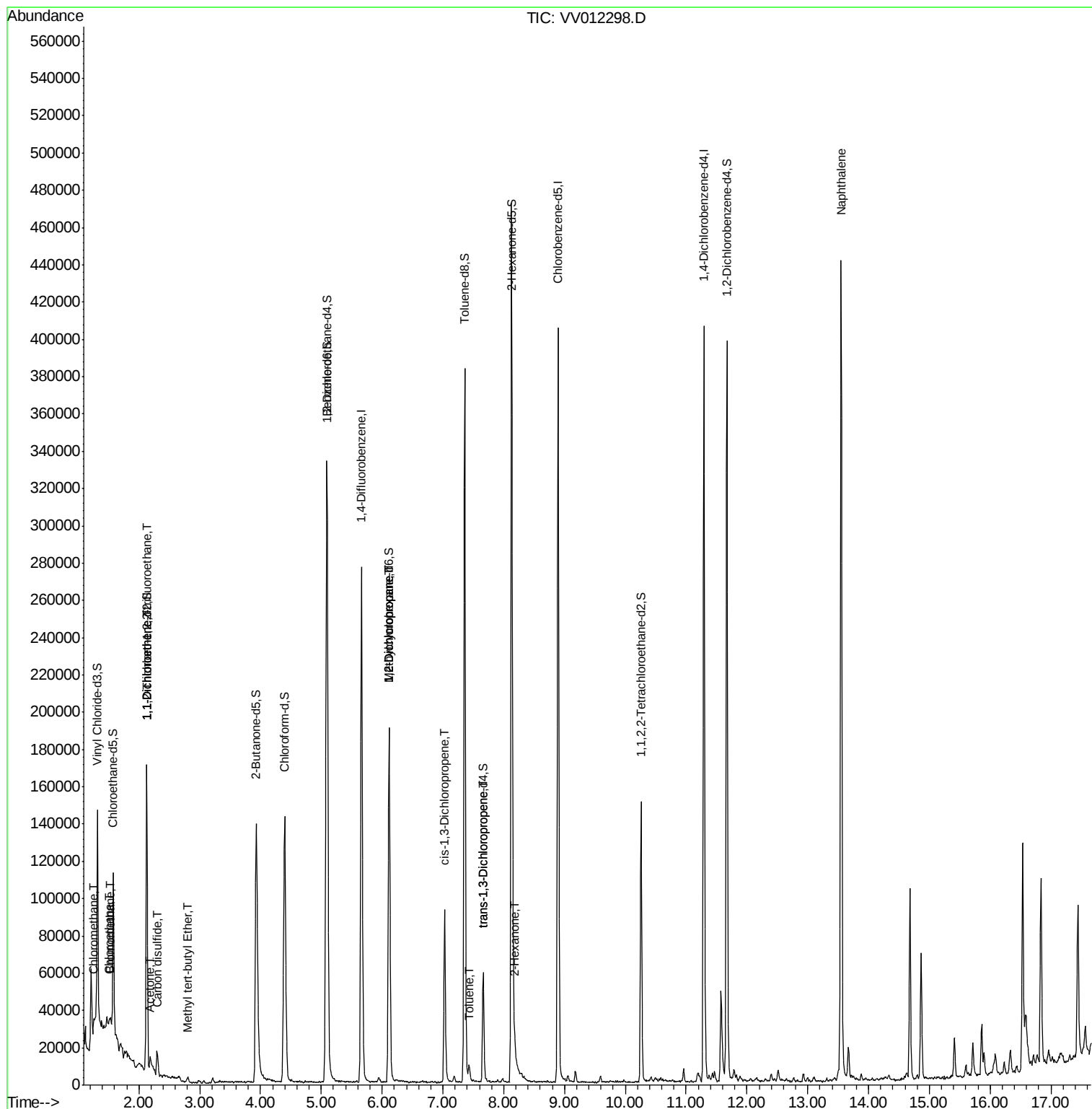
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

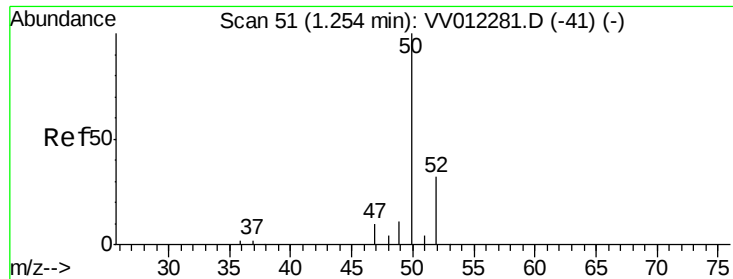
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#3

Chloromethane

Concen: 0.161 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV012298.D

Acq: 20 Aug 2019 00:59

Instrument :

MSVOA_V

ClientSampled :

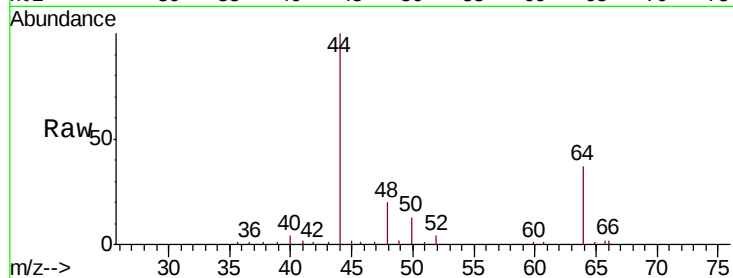
C0AD8

Tgt Ion: 50 Resp: 2427

Ion Ratio Lower Upper

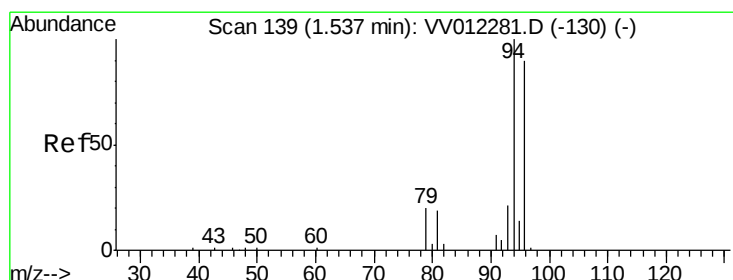
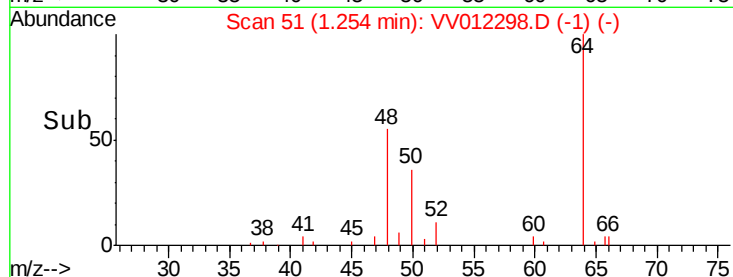
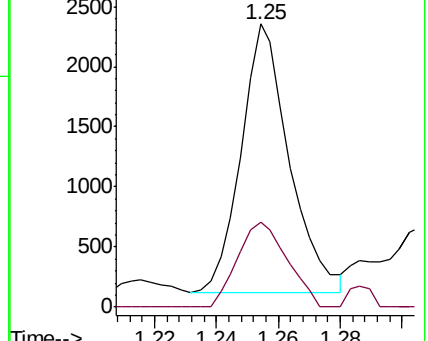
50 100

52 30.0 22.6 42.0



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.104 ug/L

RT: 1.53 min Scan# 137

Delta R.T. -0.01 min

Lab File: VV012298.D

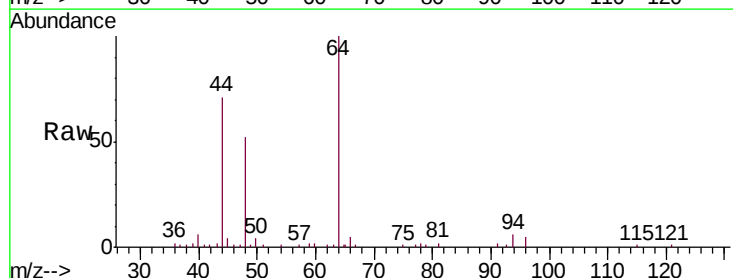
Acq: 20 Aug 2019 00:59

Tgt Ion: 94 Resp: 852

Ion Ratio Lower Upper

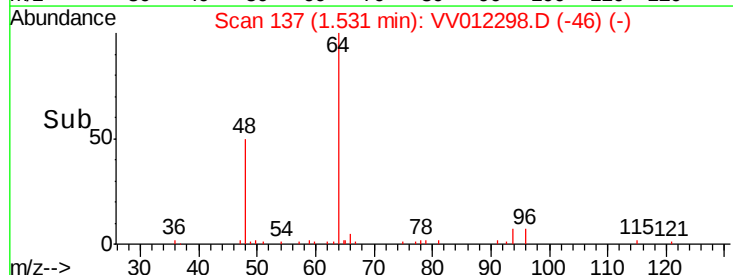
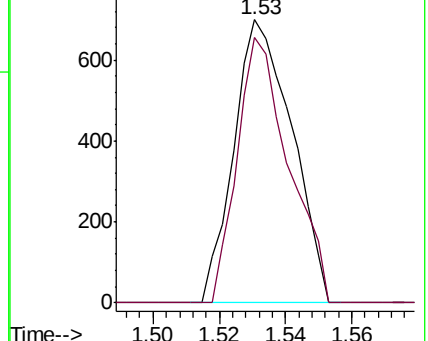
94 100

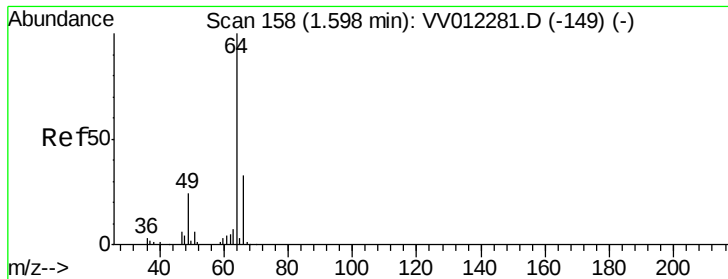
96 94.0 67.3 125.1



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 1.294 ug/L

RT: 1.51 min Scan# 132

Delta R.T. -0.08 min

Lab File: VV012298.D

Acq: 20 Aug 2019 00:59

Instrument :

MSVOA_V

ClientSampleId :

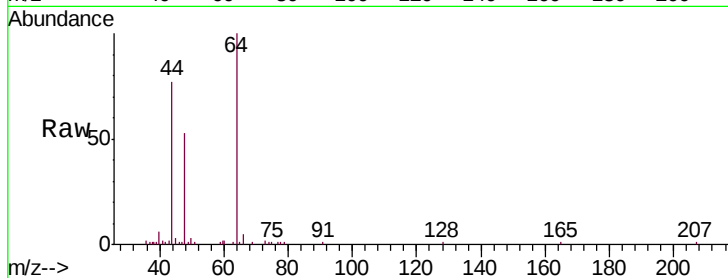
C0AD8

Tgt Ion: 64 Resp: 10217

Ion Ratio Lower Upper

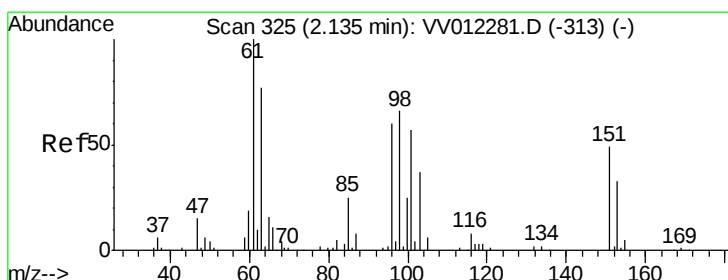
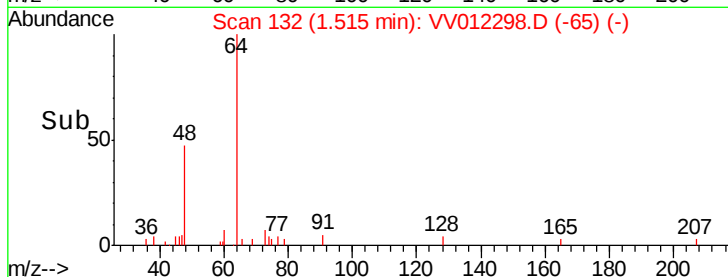
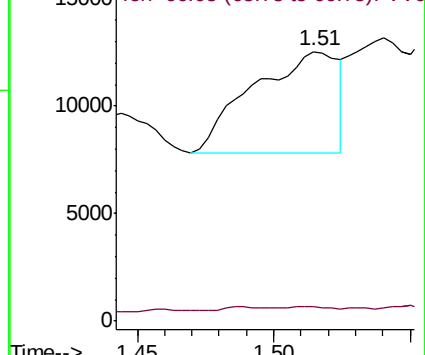
64 100

66 5.2 23.7 44.1#



Abundance Ion 64.10 (63.80 to 64.80): VV012281.D (-149) (-)

Ion 66.05 (65.75 to 66.75): VV012281.D (-149) (-)



#10

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

Concen: 0.080 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012298.D

Acq: 20 Aug 2019 00:59

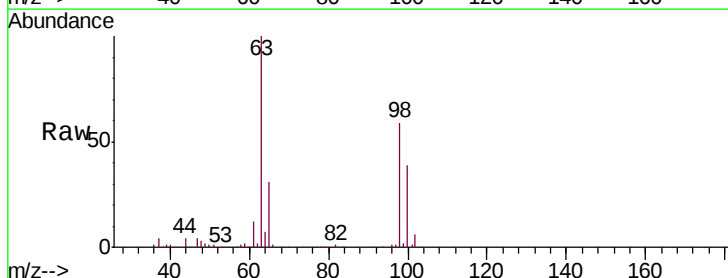
Tgt Ion: 101 Resp: 985

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

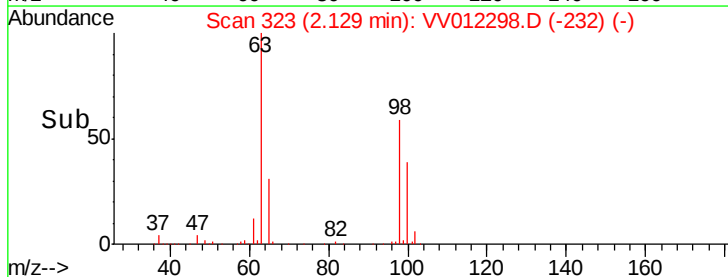
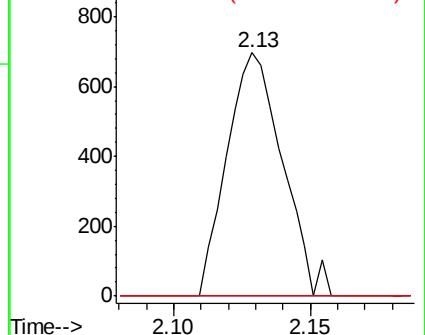
151 0.0 71.5 107.3#

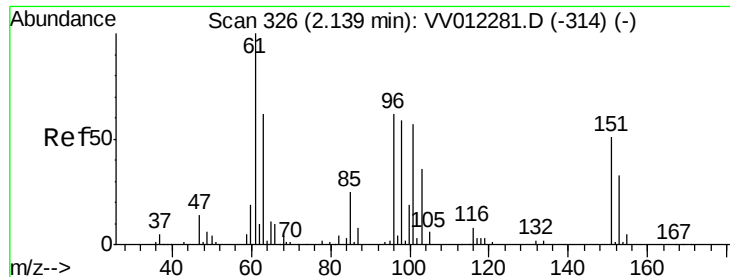


Abundance Ion 101.00 (100.70 to 101.70): VV012281.D (-313) (-)

Ion 85.00 (84.70 to 85.70): VV012281.D (-313) (-)

Ion 151.00 (150.70 to 151.70): VV012281.D (-313) (-)





#12

1,1-Dichloroethene

Concen: 0.077 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012298.D

Acq: 20 Aug 2019 00:59

Instrument :

MSVOA_V

ClientSampleId :

C0AD8

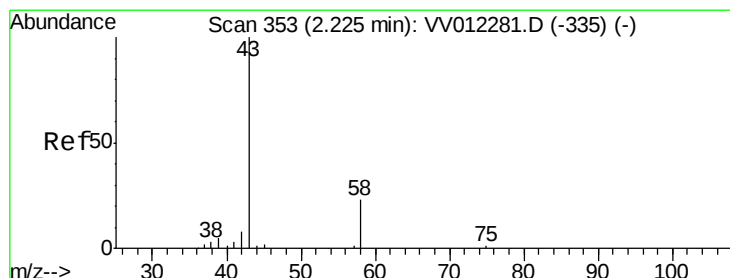
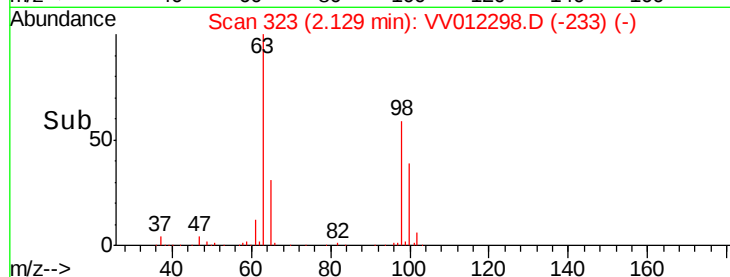
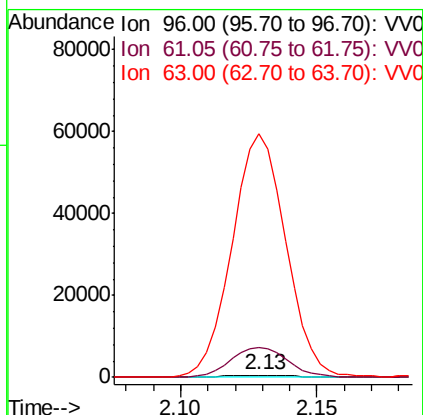
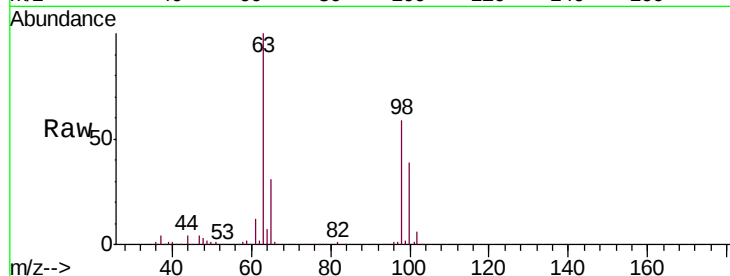
Tgt Ion: 96 Resp: 847

Ion Ratio Lower Upper

96 100

61 1355.8 117.7 218.7#

63 11134.1 81.1 150.5#



#13

Acetone

Concen: 1.881 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.04 min

Lab File: VV012298.D

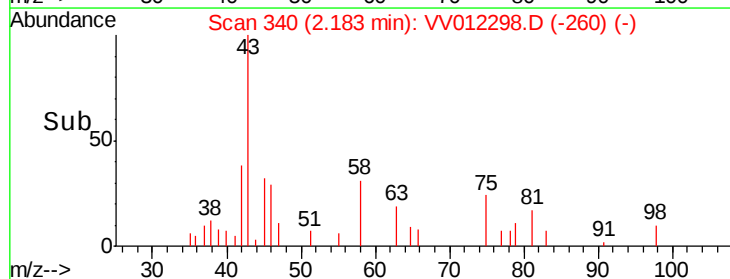
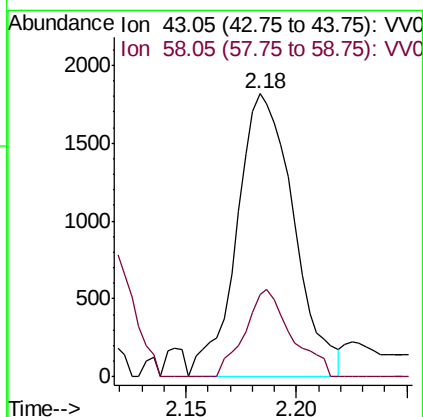
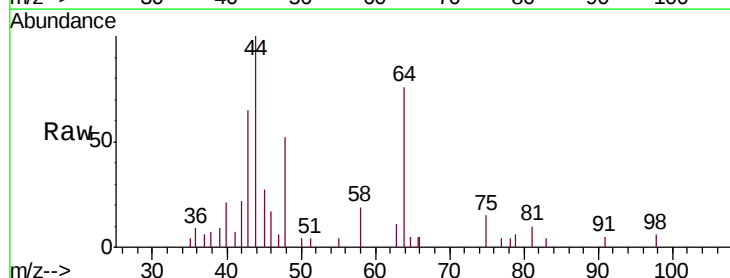
Acq: 20 Aug 2019 00:59

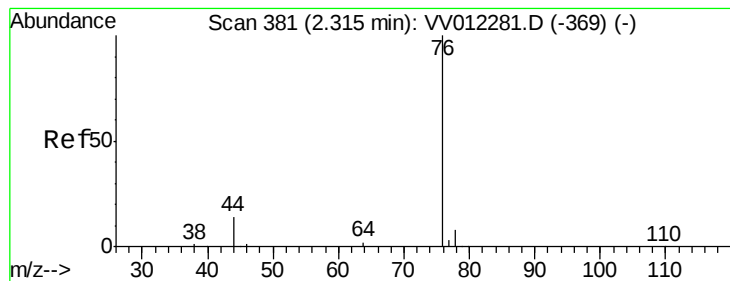
Tgt Ion: 43 Resp: 3267

Ion Ratio Lower Upper

43 100

58 25.2 0.0 25.6





#14

Carbon disulfide

Concen: 0.095 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VV012298.D

Acq: 20 Aug 2019 00:59

Instrument :

MSVOA_V

ClientSampleId :

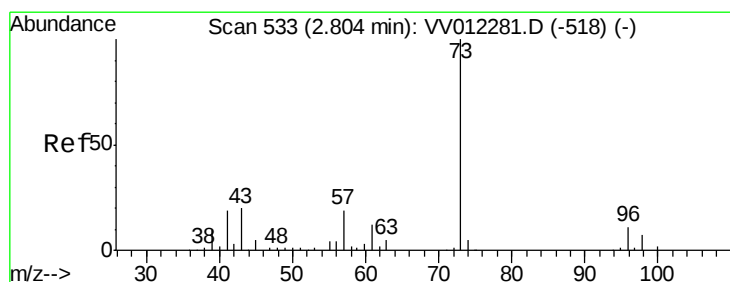
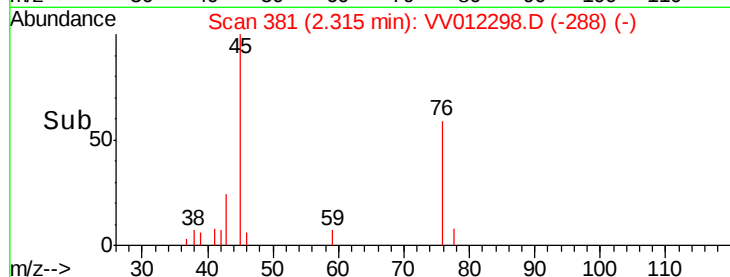
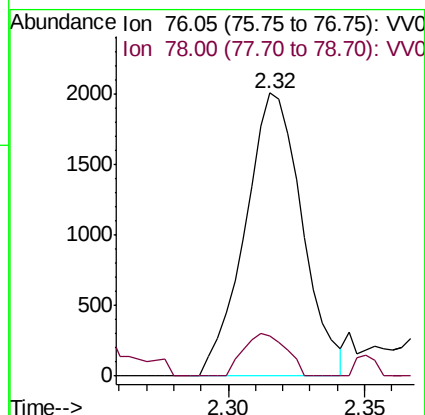
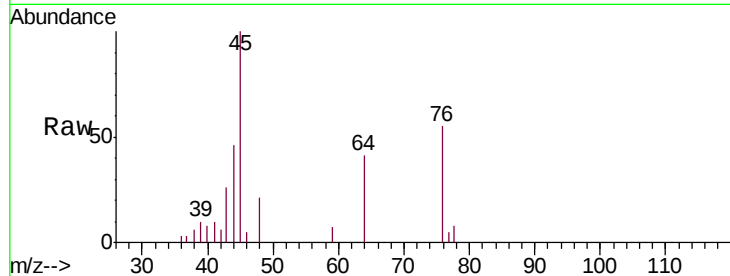
C0AD8

Tgt Ion: 76 Resp: 2917

Ion Ratio Lower Upper

76 100

78 14.3 8.3 12.5#



#17

Methyl tert-butyl Ether

Concen: 0.068 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

Lab File: VV012298.D

Acq: 20 Aug 2019 00:59

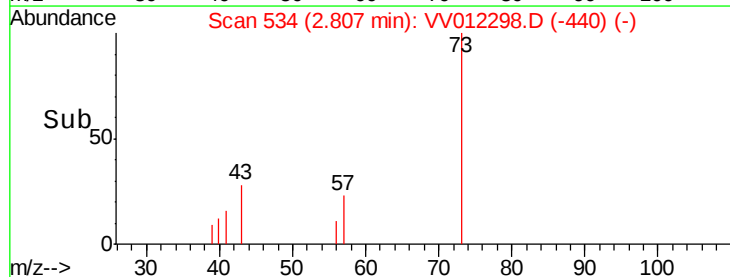
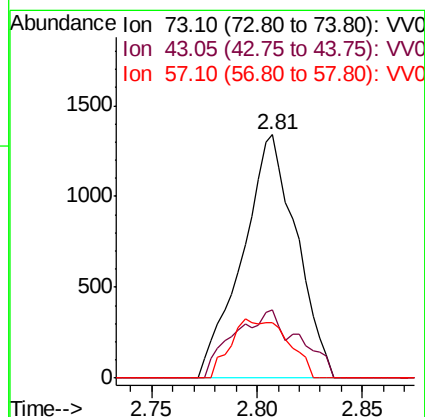
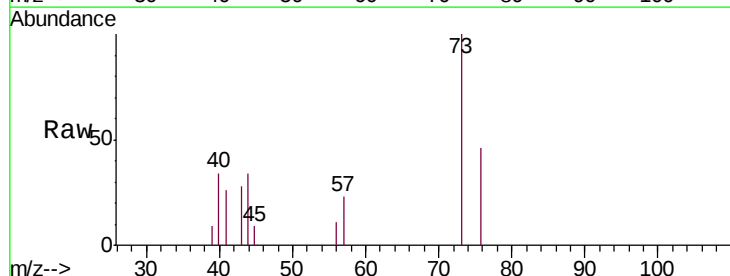
Tgt Ion: 73 Resp: 2390

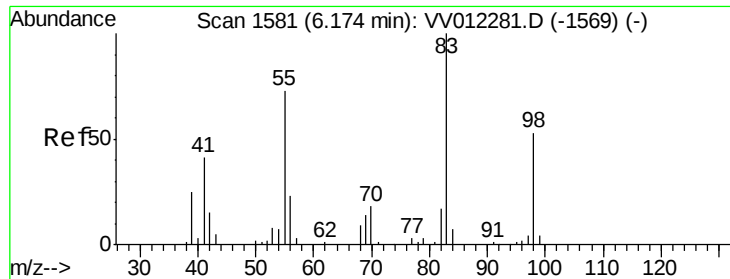
Ion Ratio Lower Upper

73 100

43 33.4 17.0 25.4#

57 25.5 15.8 23.6#

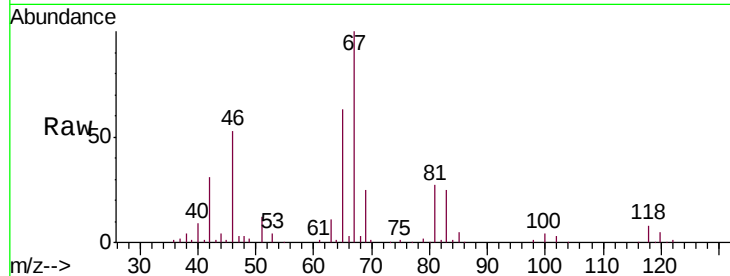




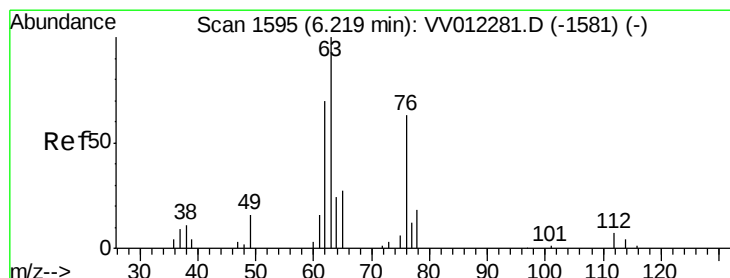
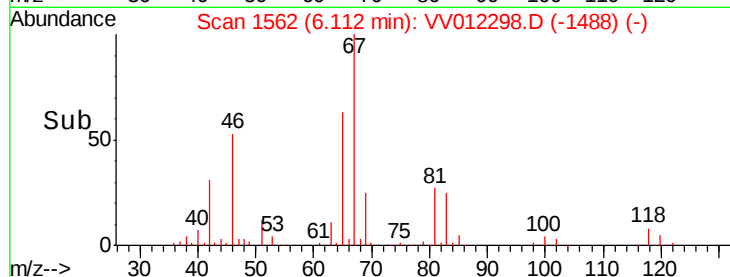
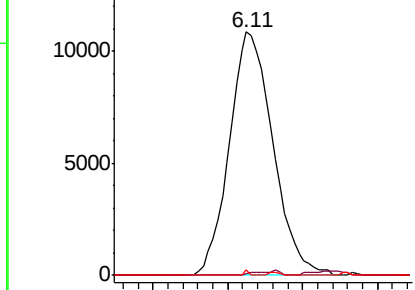
#35
Methylcyclohexane
Concen: 0.808 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV012298.D
Acq: 20 Aug 2019 00:59

Instrument :
MSVOA_V
ClientSampleId :
C0AD8

Tgt Ion: 83 Resp: 22060
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.2 40.3 60.5#

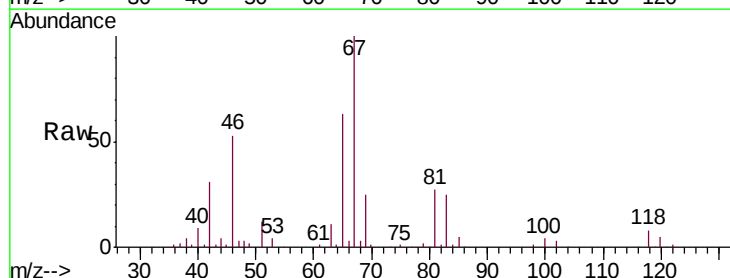


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

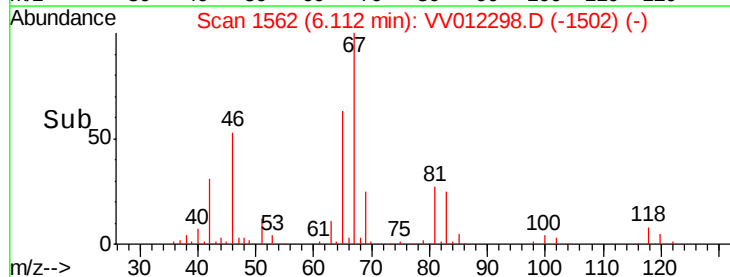
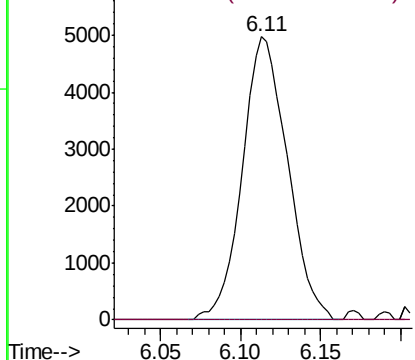


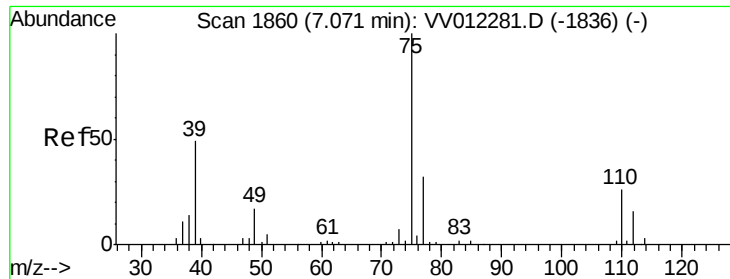
#37
1,2-Dichloropropane
Concen: 0.661 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV012298.D
Acq: 20 Aug 2019 00:59

Tgt Ion: 63 Resp: 9609
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

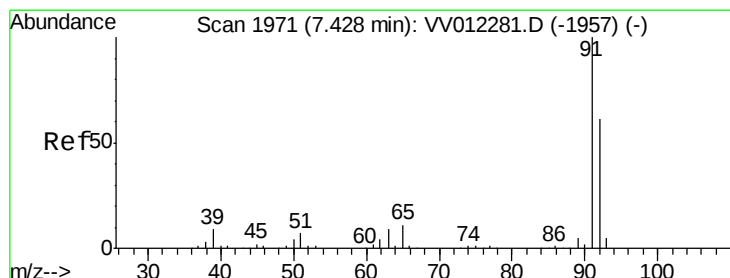
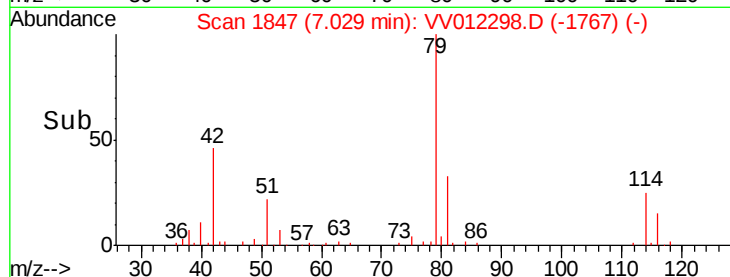
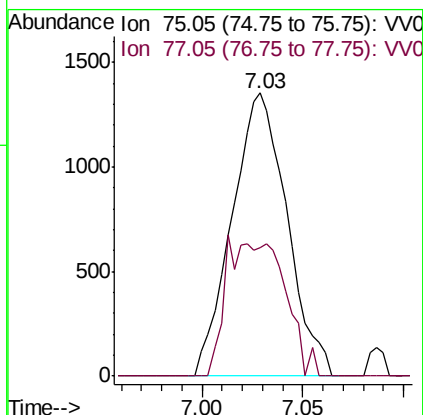
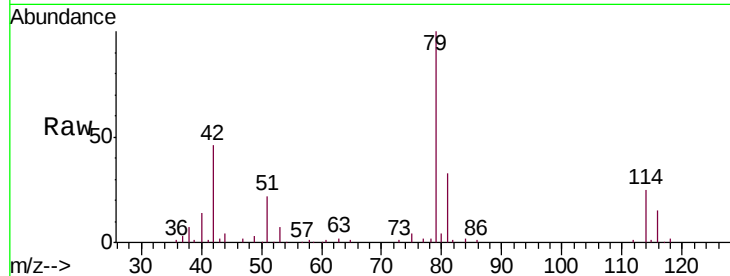




#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012298.D
 Acq: 20 Aug 2019 00:59

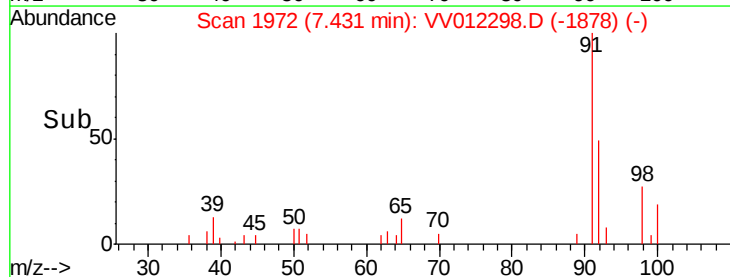
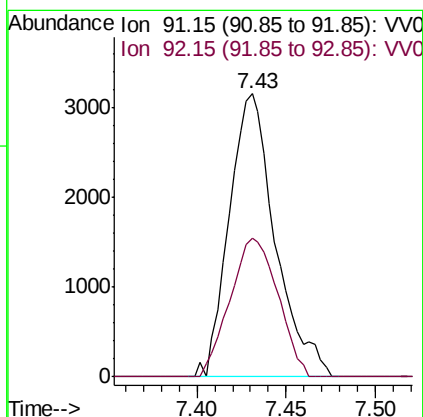
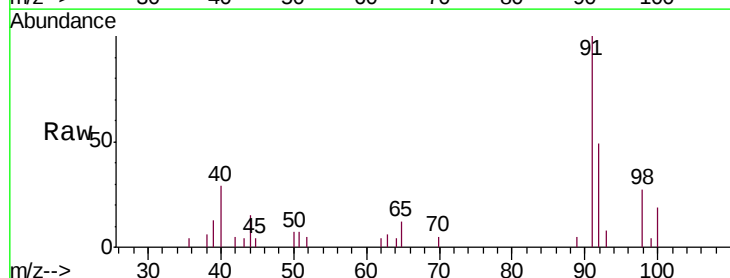
Instrument :
 MSVOA_V
 ClientSampled :
 C0AD8

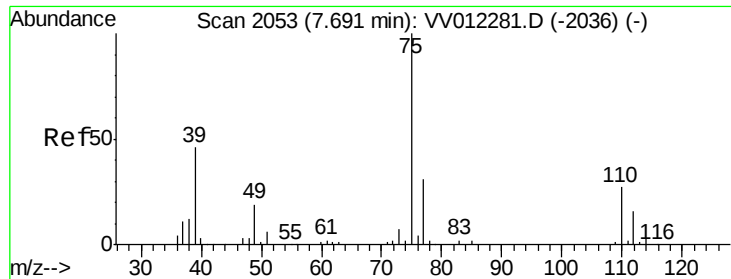
Tgt Ion: 75 Resp: 2579
 Ion Ratio Lower Upper
 75 100
 77 45.4 21.5 39.9#



#42
 Toluene
 Concen: 0.082 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV012298.D
 Acq: 20 Aug 2019 00:59

Tgt Ion: 91 Resp: 5672
 Ion Ratio Lower Upper
 91 100
 92 49.2 41.6 77.3

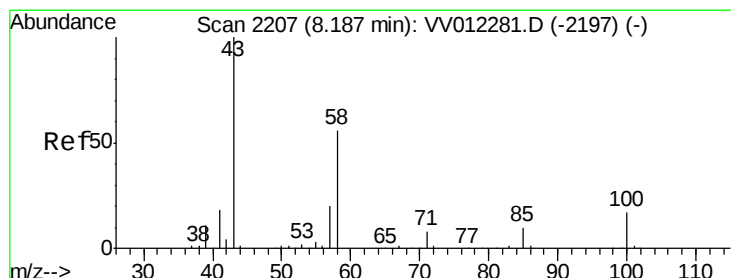
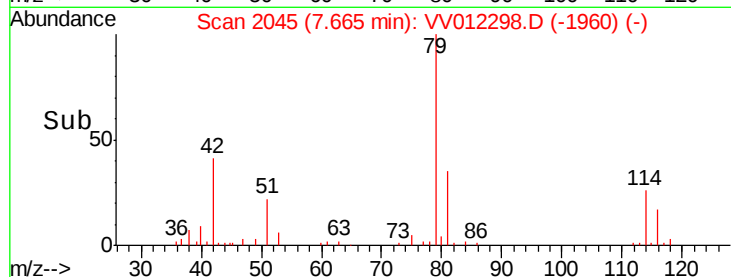
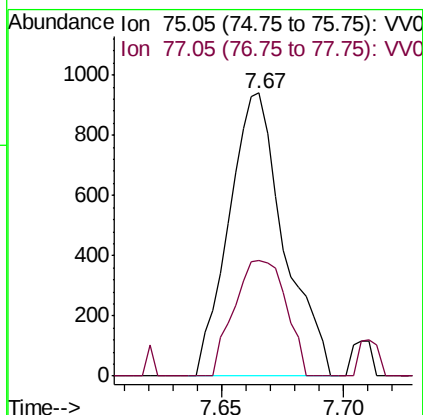
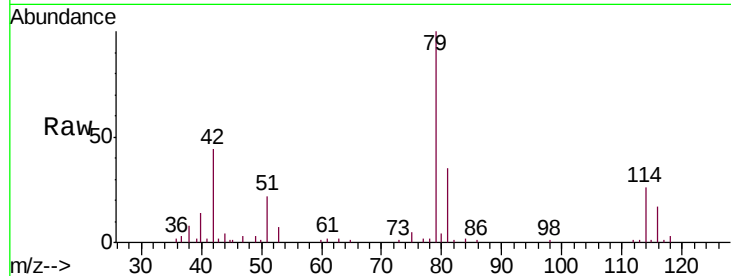




#44
trans-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV012298.D
Acq: 20 Aug 2019 00:59

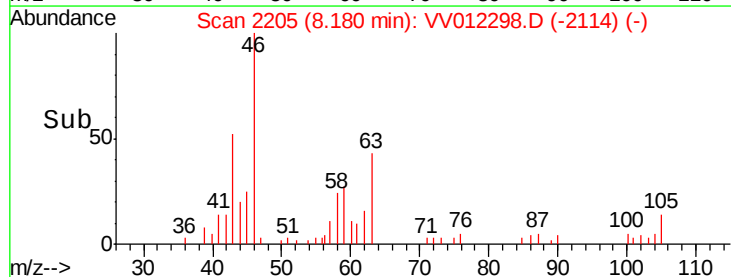
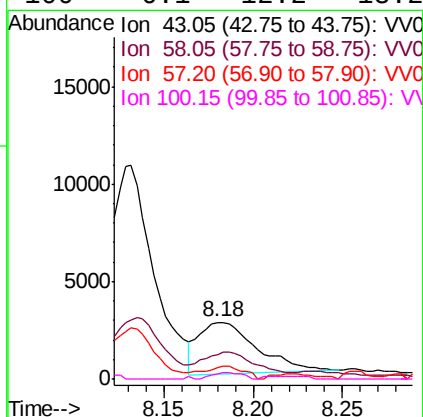
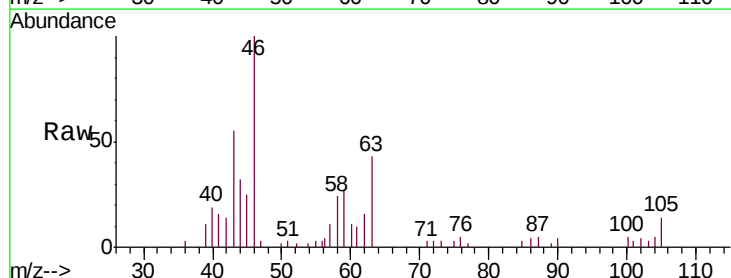
Instrument :
MSVOA_V
ClientSampled :
C0AD8

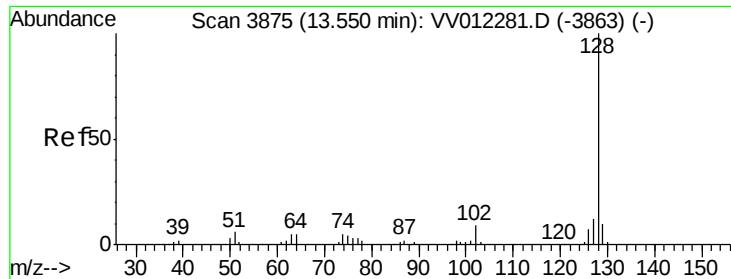
Tgt Ion: 75 Resp: 1469
Ion Ratio Lower Upper
75 100
77 40.7 22.1 41.1



#48
2-Hexanone
Concen: 1.089 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.01 min
Lab File: VV012298.D
Acq: 20 Aug 2019 00:59

Tgt Ion: 43 Resp: 5984
Ion Ratio Lower Upper
43 100
58 45.3 45.4 68.2#
57 16.6 16.8 25.2#
100 6.1 12.2 18.2#





#69

Naphthalene

Concen: 11.831 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. -0.00 min

Lab File: VV012298.D

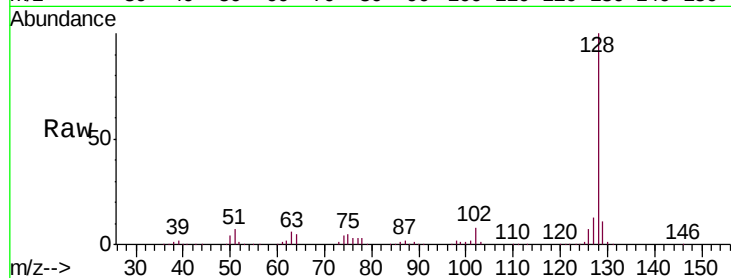
Acq: 20 Aug 2019 00:59

Instrument :

MSVOA_V

ClientSampleId :

C0AD8



Tgt Ion:128 Resp: 354829

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.4 10.5 15.7

