

Data File : VV014406.D
Acq On : 27 Jan 2020 15:26
Operator : SY/MD
Sample : L1253-04DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AC0DL

Quant Time: Jan 28 03:15:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 28 03:12:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	895391	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	824780	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	385659	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	227313	3.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.60%
7) Chloroethane-d5	1.59	69	202629	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.13	63	238792	2.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.60%#
20) 2-Butanone-d5	3.93	46	905012	60.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.26%
24) Chloroform-d	4.40	84	585678	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.08	65	284697	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.10	84	1068861	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.12	67	366798	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.36	98	846548	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	7.66	79	131761	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.13	63	824085	57.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.32%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	293991	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	342368	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

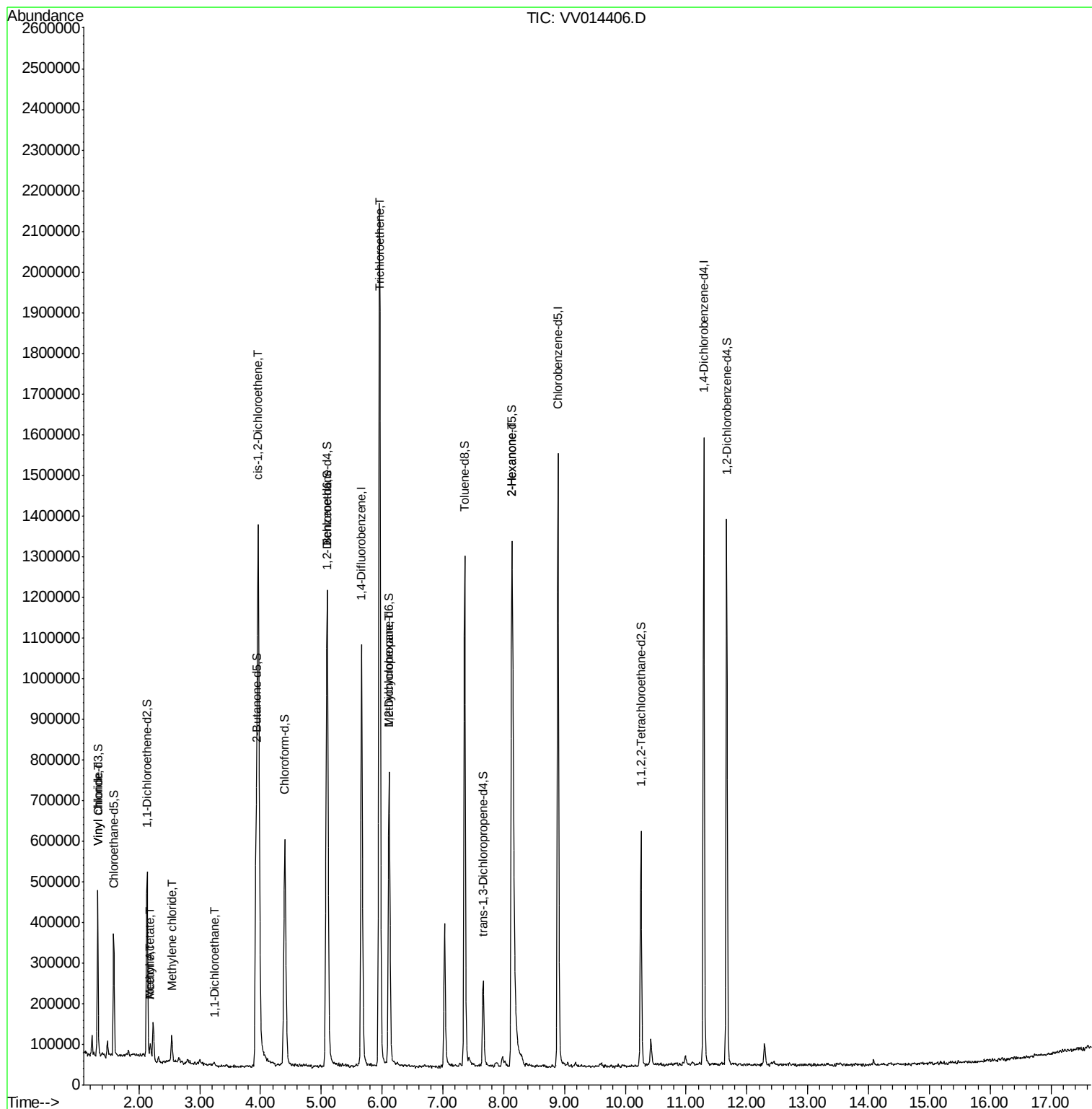
					Qvalue
5) Vinyl chloride	1.33	62	5798	0.093 ug/L #	1
13) Acetone	2.19	43	31003	2.991 ug/L	98
15) Methyl Acetate	2.19	43	29438	1.220 ug/L #	55
16) Methylene chloride	2.54	84	27157	0.417 ug/L	96
19) 1,1-Dichloroethane	3.23	63	9212	0.078 ug/L	90
22) cis-1,2-Dichloroethene	3.96	96	710981	10.786 ug/L #	97
34) Trichloroethene	5.96	95	774972	11.872 ug/L	98
35) Methylcyclohexane	6.12	83	89116	0.835 ug/L #	19
48) 2-Hexanone	8.14	43	102740	3.675 ug/L #	73

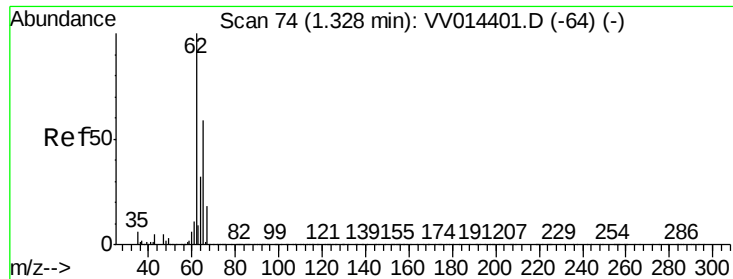
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 28 03:12:38 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.093 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

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Acq: 27 Jan 2020 15:26

Instrument :

MSVOA_V

ClientSampleId :

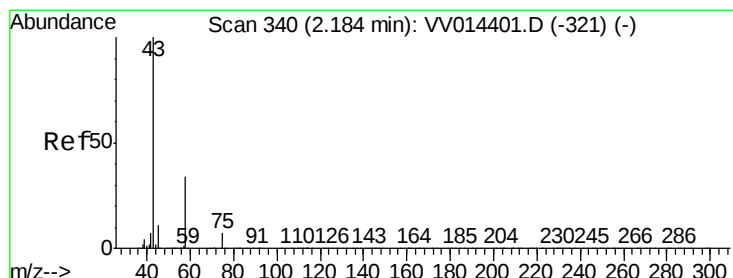
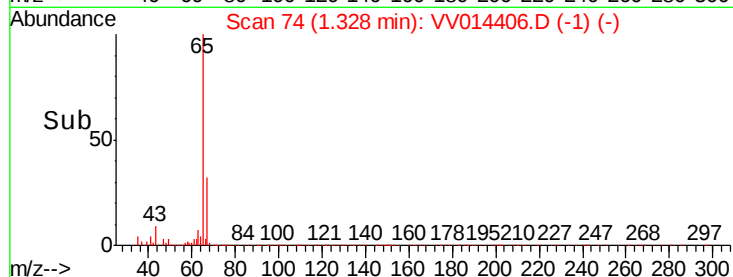
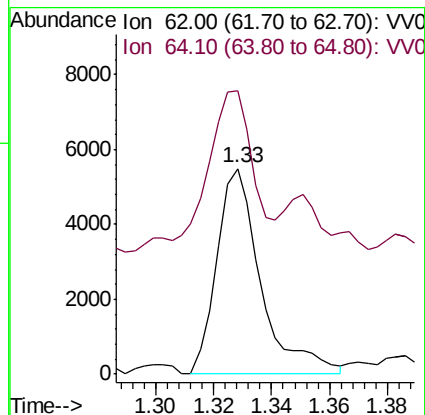
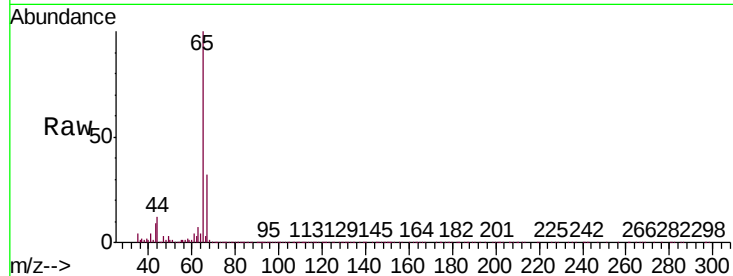
H0AC0DL

Tgt Ion: 62 Resp: 5798

Ion Ratio Lower Upper

62 100

64 137.5 23.0 42.6#



#13

Acetone

Concen: 2.991 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV014406.D

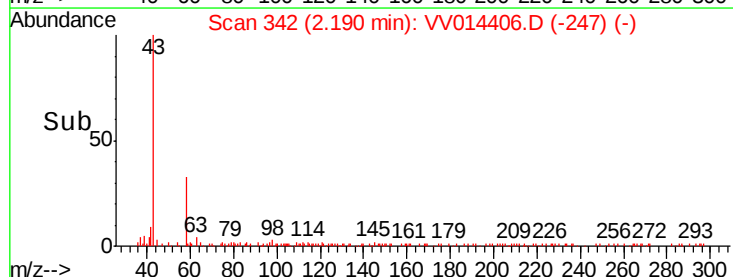
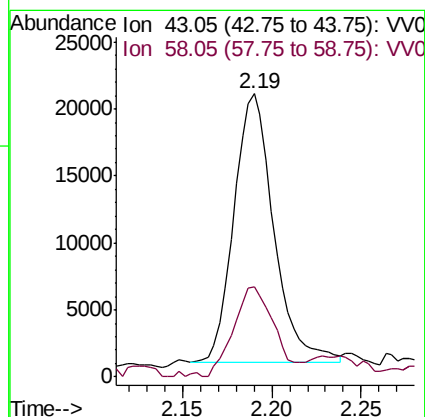
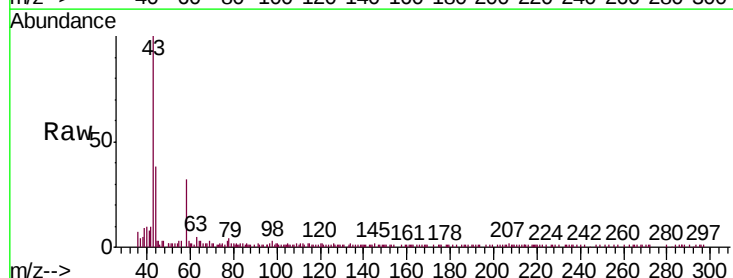
Acq: 27 Jan 2020 15:26

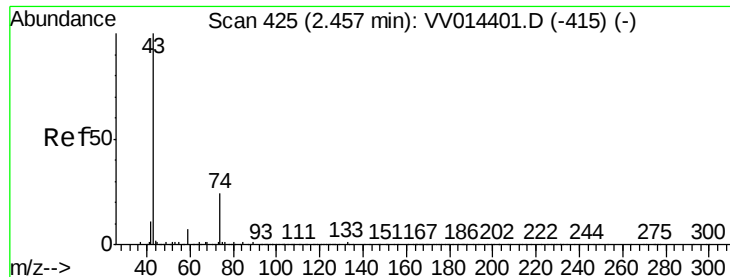
Tgt Ion: 43 Resp: 31003

Ion Ratio Lower Upper

43 100

58 33.9 0.0 66.0





#15

Methyl Acetate

Concen: 1.220 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.27 min

Lab File: VV014406.D

Acq: 27 Jan 2020 15:26

Instrument :

MSVOA_V

ClientSampleId :

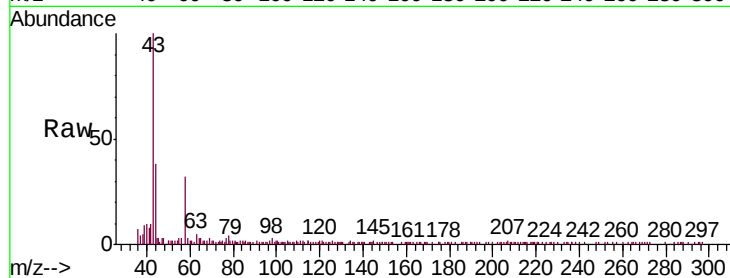
H0AC0DL

Tgt Ion: 43 Resp: 29438

Ion Ratio Lower Upper

43 100

74 1.6 18.6 28.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

25000

20000

15000

10000

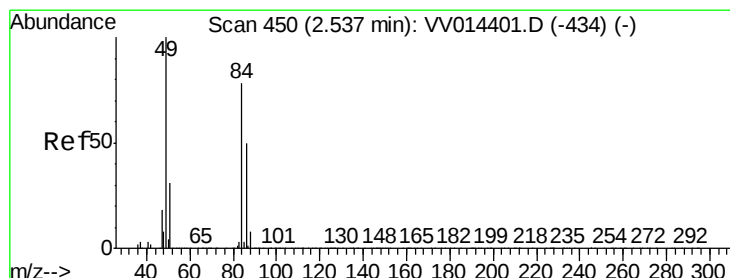
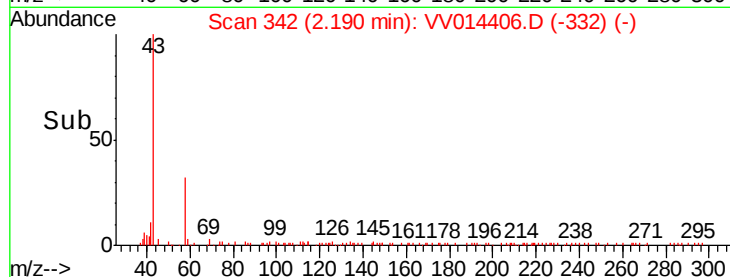
5000

0

Time-->

2.15 2.20 2.25

2.19



#16

Methylene chloride

Concen: 0.417 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV014406.D

Acq: 27 Jan 2020 15:26

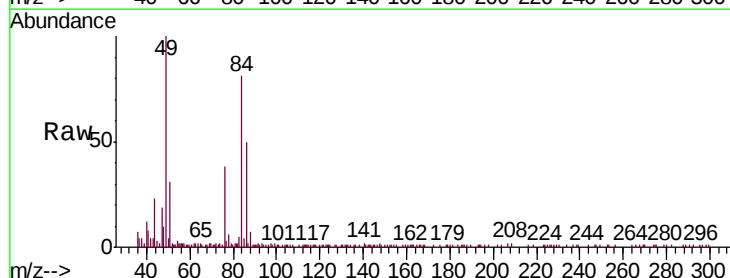
Tgt Ion: 84 Resp: 27157

Ion Ratio Lower Upper

84 100

86 60.8 43.1 80.1

49 122.8 82.1 152.5



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

25000

20000

15000

10000

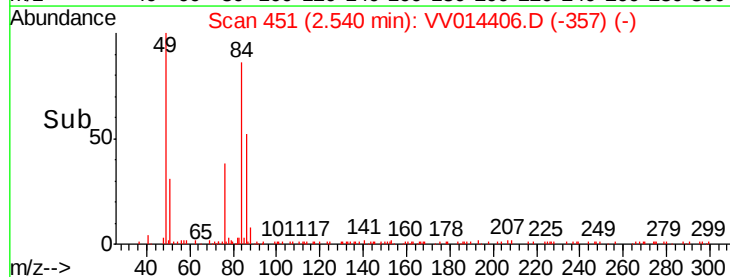
5000

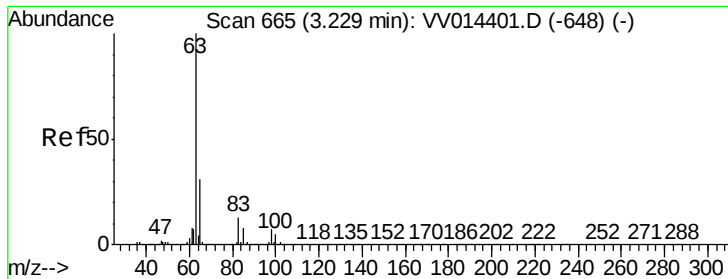
0

Time-->

2.50 2.55 2.60

2.54





#19

1,1-Dichloroethane

Concen: 0.078 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.00 min

Lab File: VV014406.D

Acq: 27 Jan 2020 15:26

Instrument :

MSVOA_V

ClientSampleId :

H0AC0DL

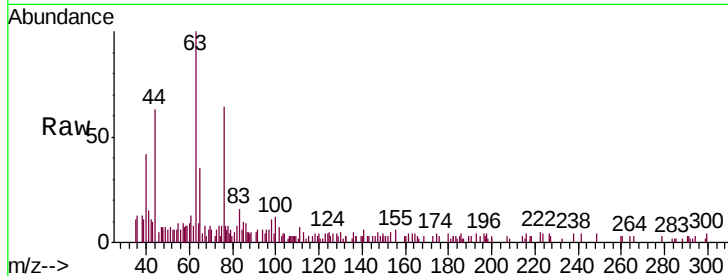
Tgt Ion: 63 Resp: 9212

Ion Ratio Lower Upper

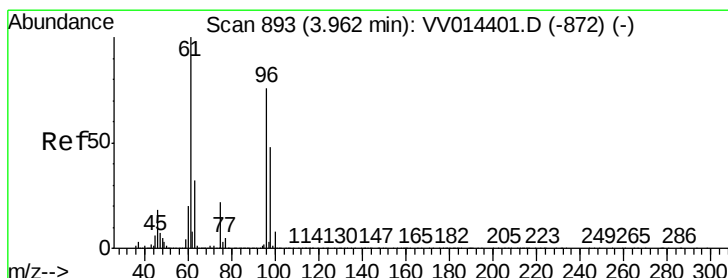
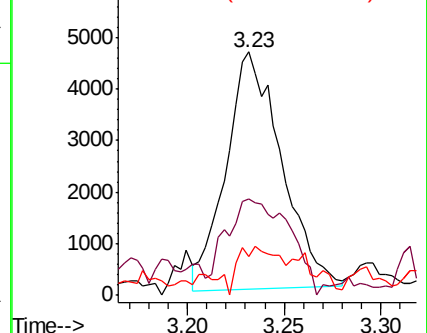
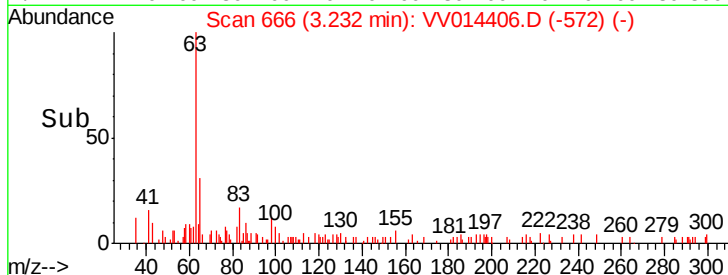
63 100

65 39.5 22.7 42.3

83 16.0 10.0 18.6



Abundance Ion 63.10 (62.80 to 63.80): VV014406.D (-572) (-)



#22

cis-1,2-Dichloroethene

Concen: 10.786 ug/L

RT: 3.96 min Scan# 893

Delta R.T. -0.00 min

Lab File: VV014406.D

Acq: 27 Jan 2020 15:26

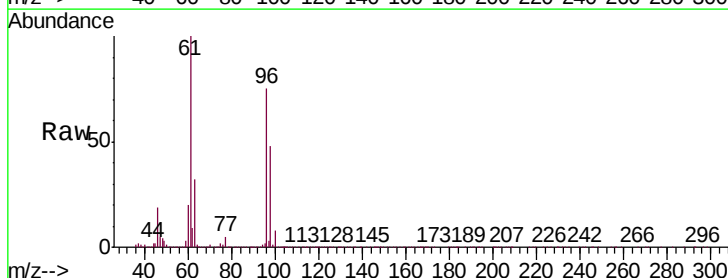
Tgt Ion: 96 Resp: 710981

Ion Ratio Lower Upper

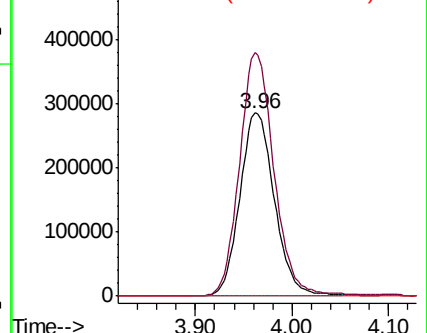
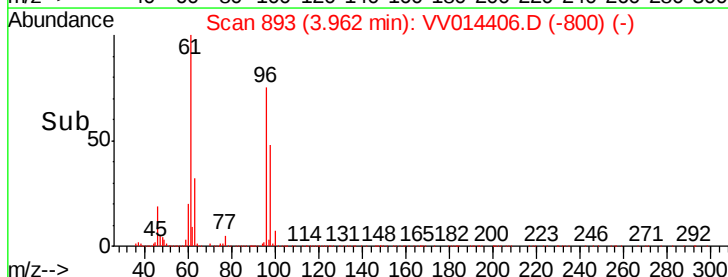
96 100

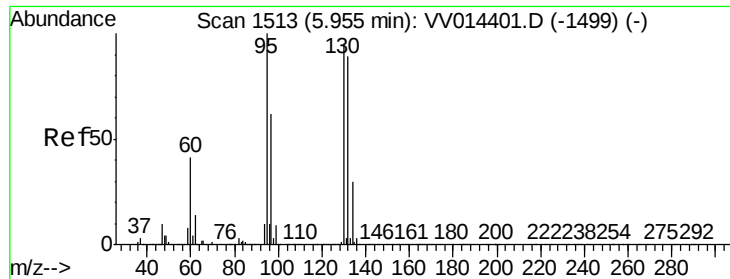
61 133.0 90.6 168.3

68 0.2 0.3 0.7#



Abundance Ion 96.00 (95.70 to 96.70): VV014406.D (-800) (-)

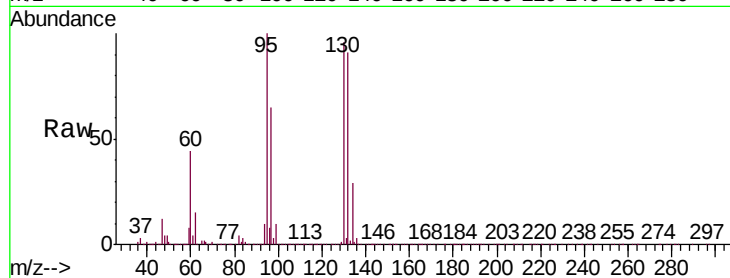




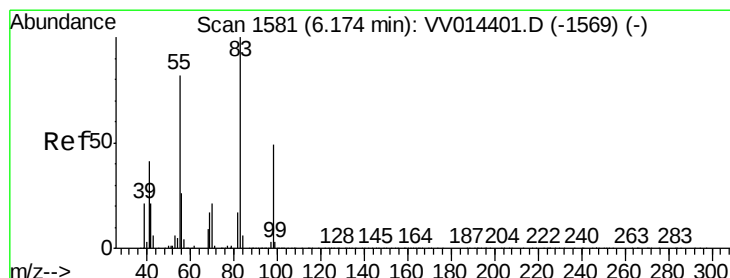
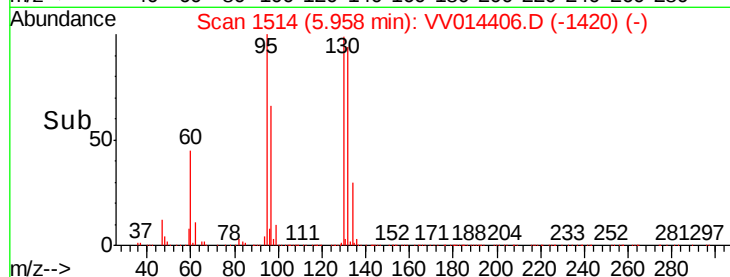
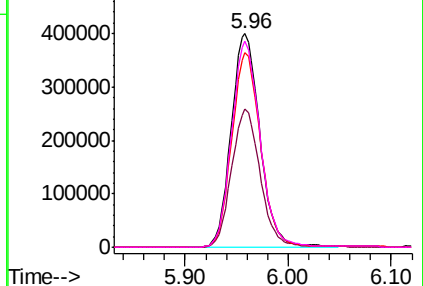
#34
 Trichloroethene
 Concen: 11.872 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV014406.D
 Acq: 27 Jan 2020 15:26

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC0DL

Tgt Ion:	95	Resp:	774972
Ion	Ratio	Lower	Upper
95	100		
97	64.5	43.8	81.3
132	91.3	63.4	117.8
130	96.4	65.7	122.1

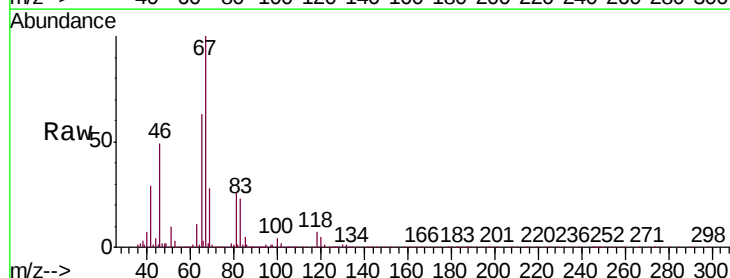


Abundance Ion 95.00 (94.70 to 95.70): VV014406.D (-1420) (-)
 Ion 96.95 (96.65 to 97.65): VV014406.D (-1420) (-)
 Ion 131.95 (131.65 to 132.65): VV014406.D (-1420) (-)
 Ion 129.95 (129.65 to 130.65): VV014406.D (-1420) (-)

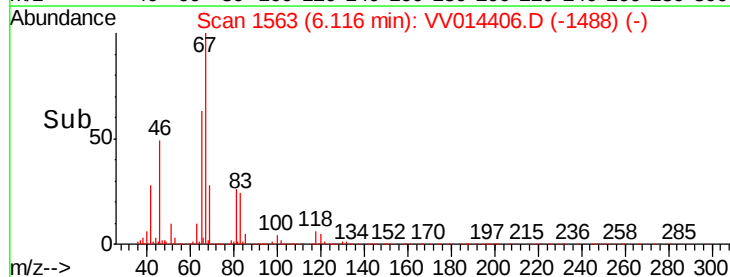
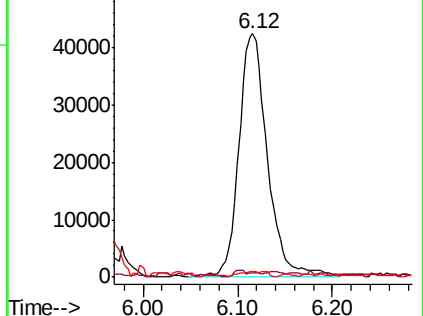


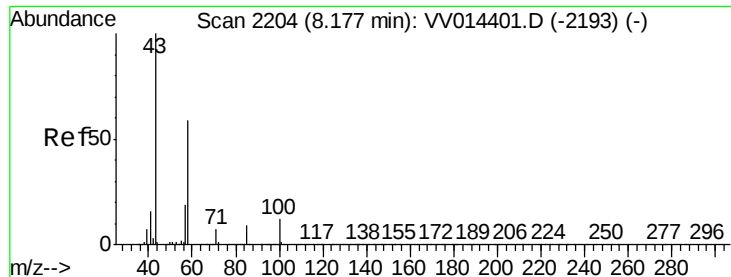
#35
 Methylcyclohexane
 Concen: 0.835 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV014406.D
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Tgt Ion:	83	Resp:	89116
Ion	Ratio	Lower	Upper
83	100		
55	0.5	61.7	92.5#
98	1.6	38.1	57.1#



Abundance Ion 83.15 (82.85 to 83.85): VV014406.D (-1488) (-)
 Ion 55.10 (54.80 to 55.80): VV014406.D (-1488) (-)
 Ion 98.15 (97.85 to 98.85): VV014406.D (-1488) (-)





#48

2-Hexanone

Concen: 3.675 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.04 min

Lab File: VV014406.D

Acq: 27 Jan 2020 15:26

Instrument :

MSVOA_V

ClientSampleId :

H0AC0DL

Tgt Ion: 43 Resp: 102740

Ion Ratio Lower Upper

43 100

58 31.3 45.4 68.0#

57 21.7 15.8 23.8

100 0.5 10.2 15.4#

