

Data File : VV014440.D
Acq On : 30 Jan 2020 16:52
Operator : SY/MD
Sample : L1322-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XS6

Quant Time: Jan 31 07:48:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR012920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 31 07:45:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	212357	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	195937	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	91528	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63676	5.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.80%
7) Chloroethane-d5	1.58	69	44391	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.13	63	70062	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	3.93	46	159270	64.33	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.66%
24) Chloroform-d	4.40	84	122935	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.08	65	62499	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.10	84	288935	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.12	67	89059	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.36	98	257024	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.66	79	34267	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.13	63	138559	54.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.52%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	60923	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	87386	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

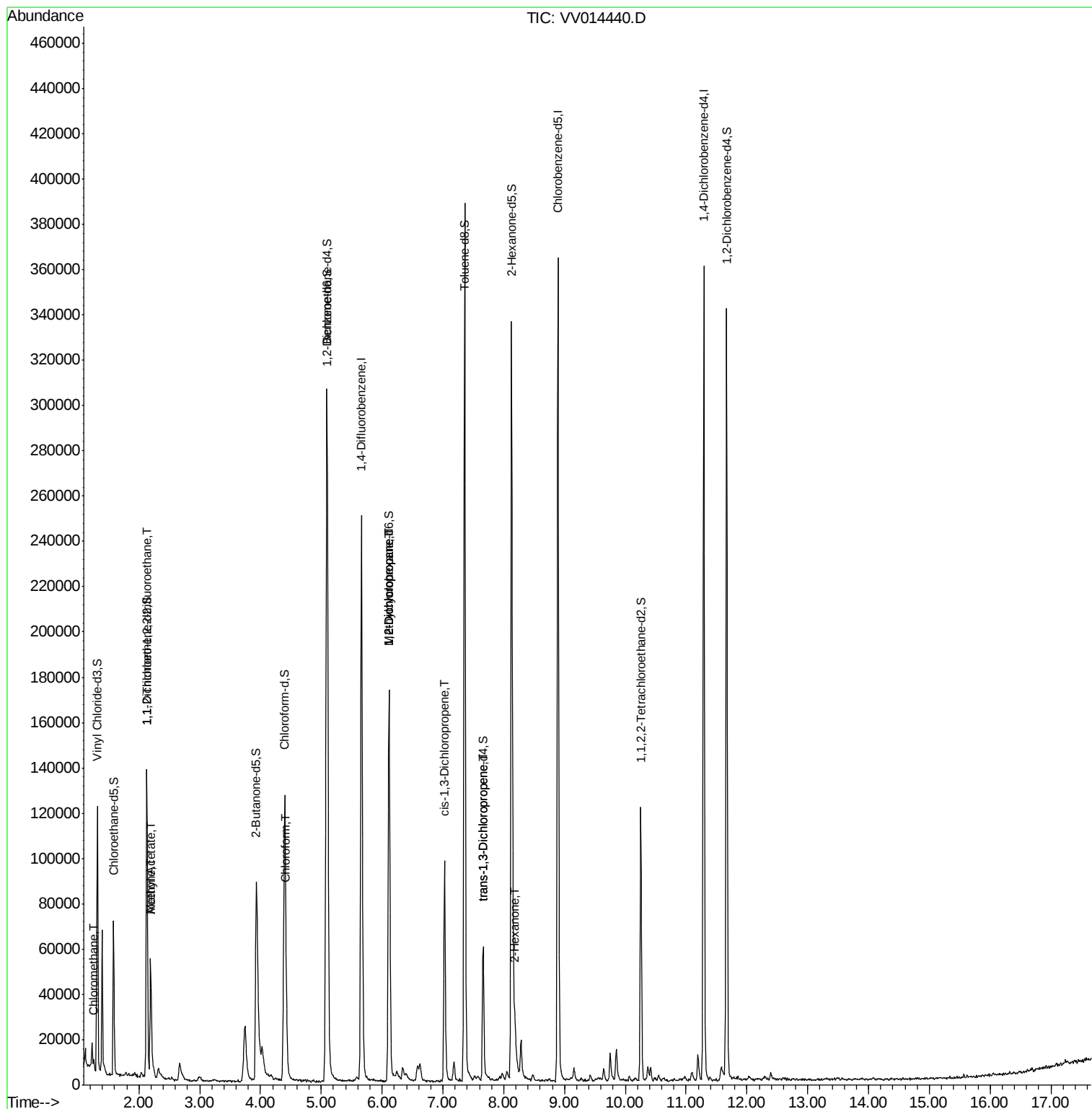
					Qvalue
3) Chloromethane	1.26	50	2357	0.179 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	680	0.073 ug/L #	20
13) Acetone	2.19	43	59400	39.255 ug/L	72
15) Methyl Acetate	2.19	43	56944	14.646 ug/L #	52
25) Chloroform	4.43	83	11469	0.423 ug/L	95
35) Methylcyclohexane	6.12	83	21192	0.765 ug/L #	19
37) 1,2-Dichloropropane	6.11	63	8868	0.587 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2418	0.106 ug/L #	44
44) trans-1,3-Dichloropropene	7.66	75	1526	0.088 ug/L #	74
48) 2-Hexanone	8.19	43	11469	1.986 ug/L	91

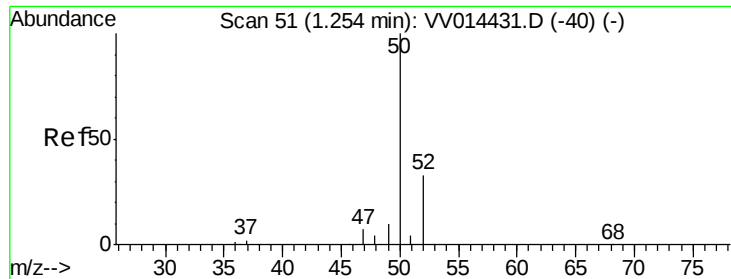
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.179 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV014440.D

Acq: 30 Jan 2020 16:52

Instrument :

MSVOA_V

ClientSampleId :

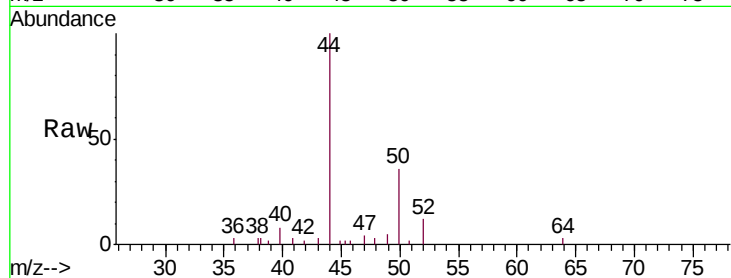
C0XS6

Tgt Ion: 50 Resp: 2357

Ion Ratio Lower Upper

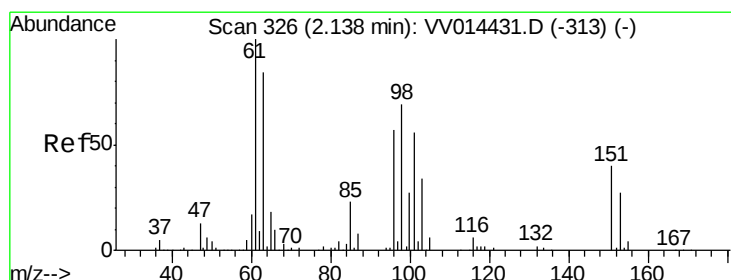
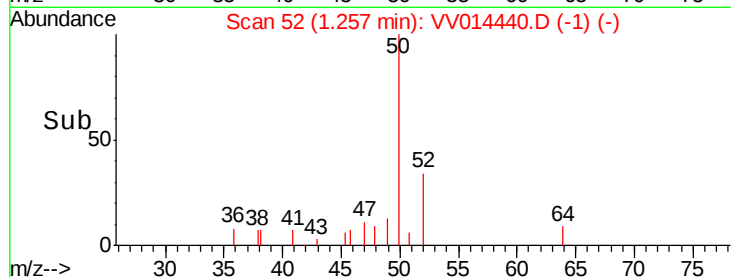
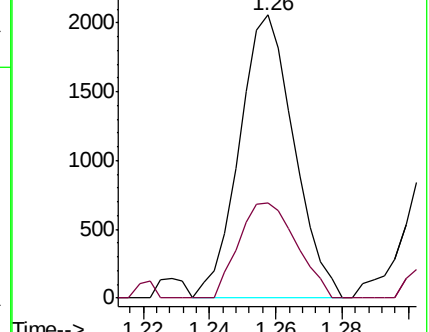
50 100

52 33.7 23.4 43.6



Abundance Ion 50.05 (49.75 to 50.75): VV014440.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV014440.D (-1) (-)



#10

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

Concen: 0.073 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014440.D

Acq: 30 Jan 2020 16:52

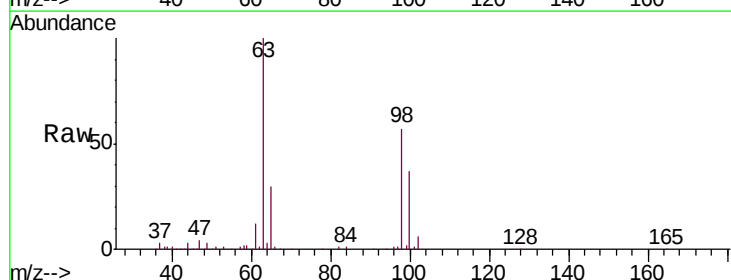
Tgt Ion: 101 Resp: 680

Ion Ratio Lower Upper

101 100

85 0.0 33.2 49.8#

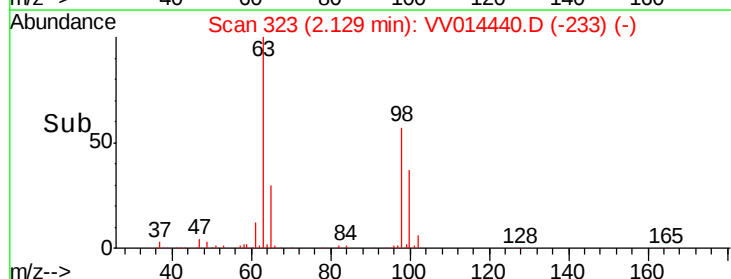
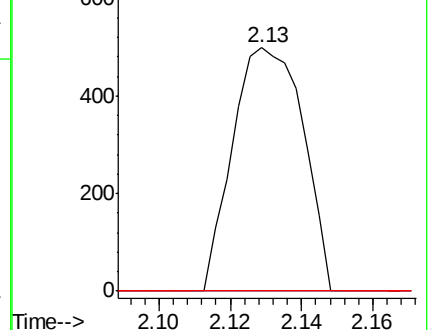
151 0.0 59.6 89.4#

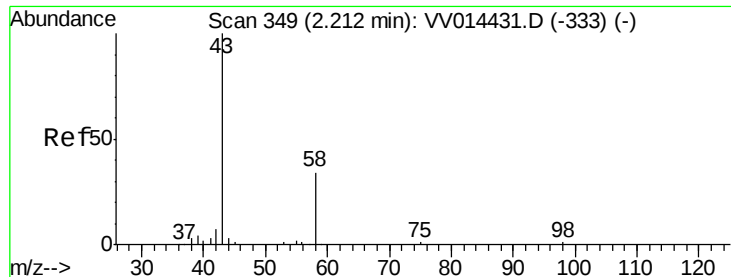


Abundance Ion 101.00 (100.70 to 101.70): VV014440.D (-233) (-)

Ion 85.00 (84.70 to 85.70): VV014440.D (-233) (-)

Ion 151.00 (150.70 to 151.70): VV014440.D (-233) (-)





#13

Acetone

Concen: 39.255 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.02 min

Lab File: VV014440.D

Acq: 30 Jan 2020 16:52

Instrument :

MSVOA_V

ClientSampleId :

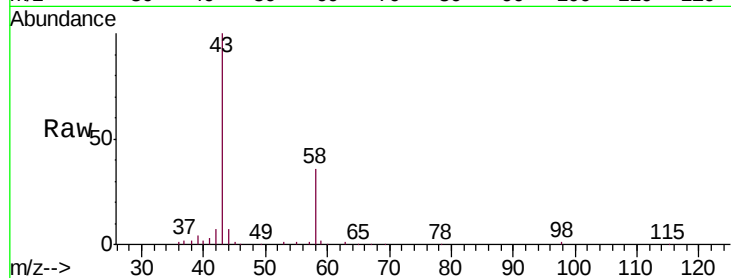
C0XS6

Tgt Ion: 43 Resp: 59400

Ion Ratio Lower Upper

43 100

58 37.4 0.0 47.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

30000

20000

10000

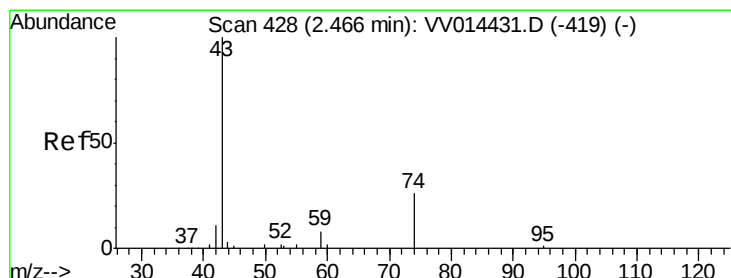
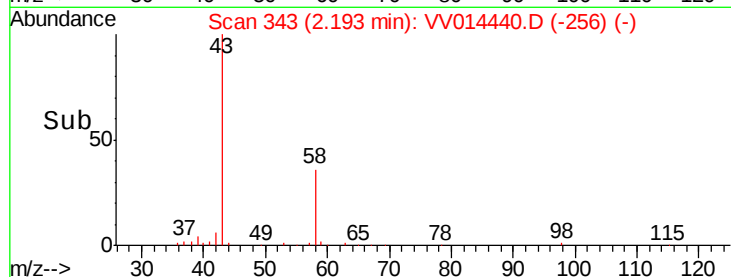
0

Time-->

2.10

2.20

2.30



#15

Methyl Acetate

Concen: 14.646 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.27 min

Lab File: VV014440.D

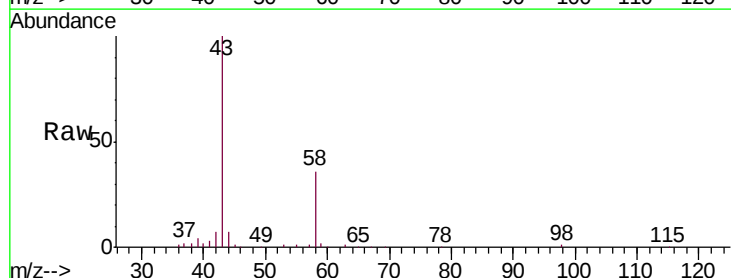
Acq: 30 Jan 2020 16:52

Tgt Ion: 43 Resp: 56944

Ion Ratio Lower Upper

43 100

74 0.2 18.8 28.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.19

30000

20000

10000

0

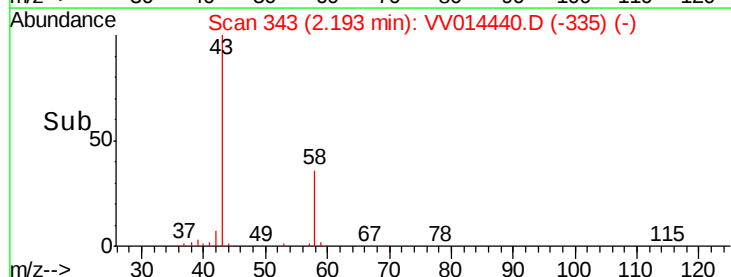
Time-->

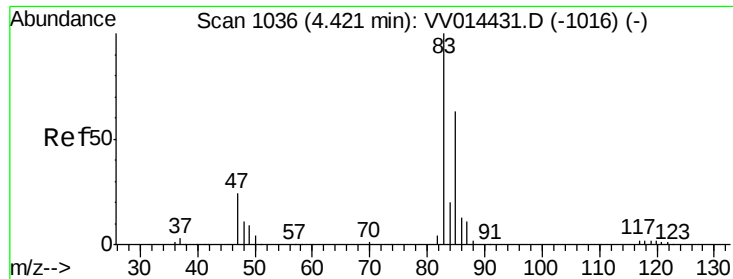
2.15

2.20

2.25

2.30





#25

Chloroform

Concen: 0.423 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV014440.D

Acq: 30 Jan 2020 16:52

Instrument :

MSVOA_V

ClientSampleId :

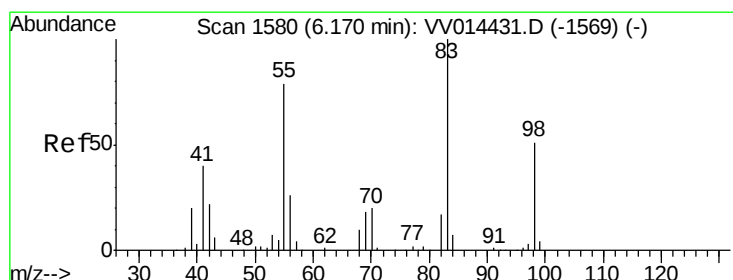
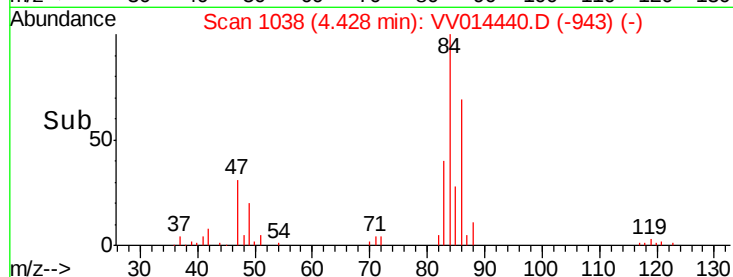
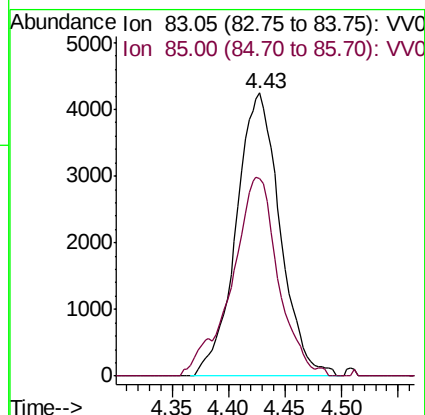
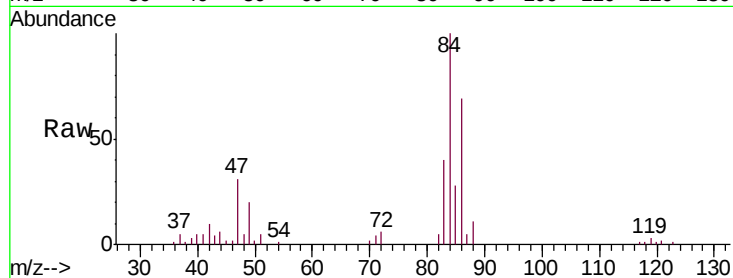
C0XS6

Tgt Ion: 83 Resp: 11469

Ion Ratio Lower Upper

83 100

85 69.8 45.9 85.3



#35

Methylcyclohexane

Concen: 0.765 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV014440.D

Acq: 30 Jan 2020 16:52

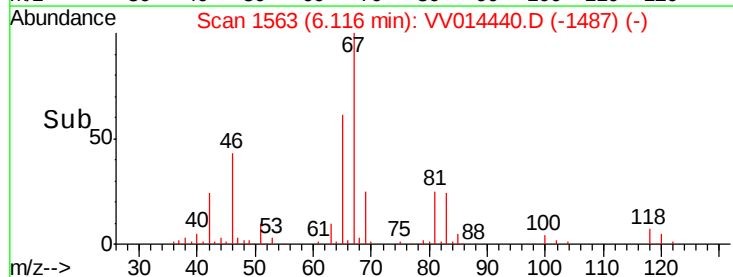
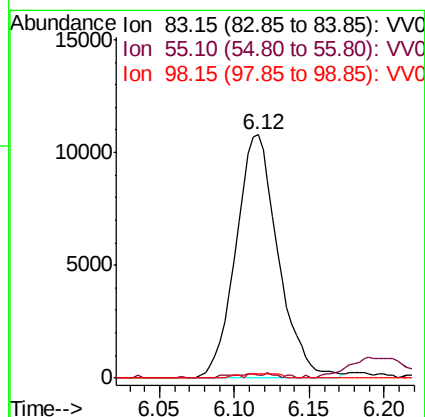
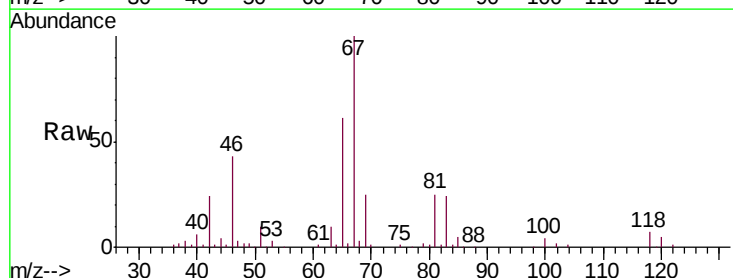
Tgt Ion: 83 Resp: 21192

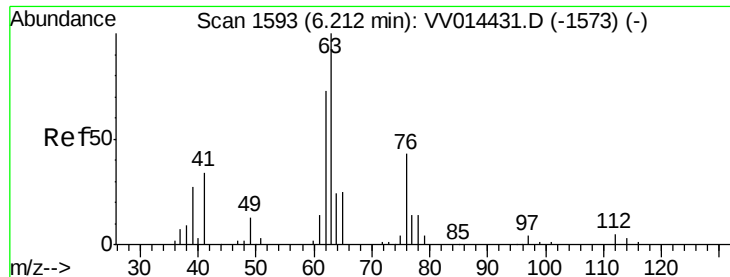
Ion Ratio Lower Upper

83 100

55 0.6 61.3 91.9#

98 0.0 37.5 56.3#

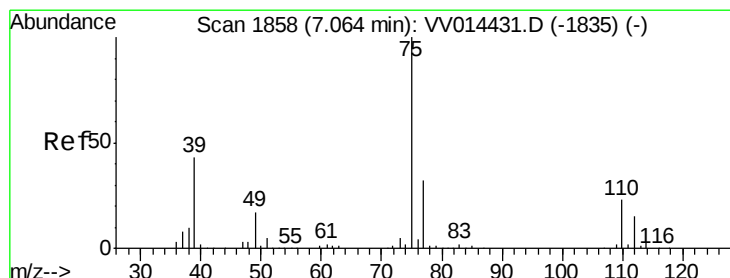
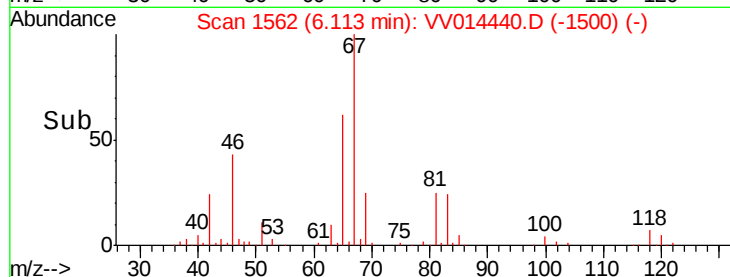
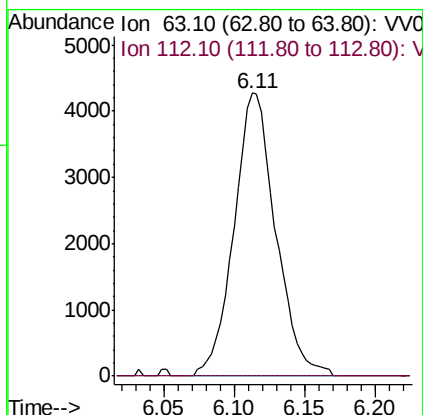
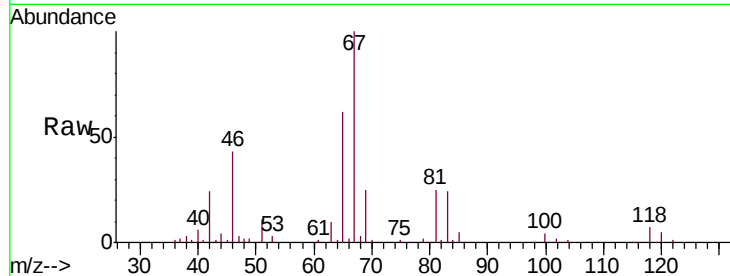




#37
 1,2-Dichloropropane
 Concen: 0.587 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014440.D
 Acq: 30 Jan 2020 16:52

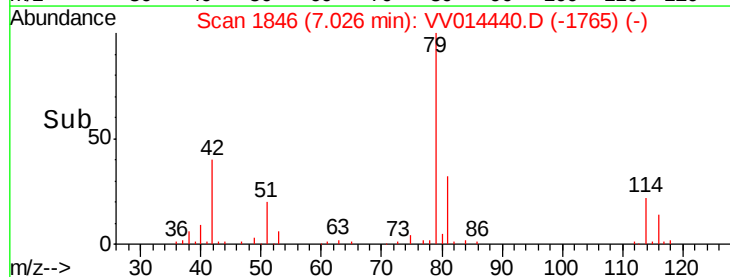
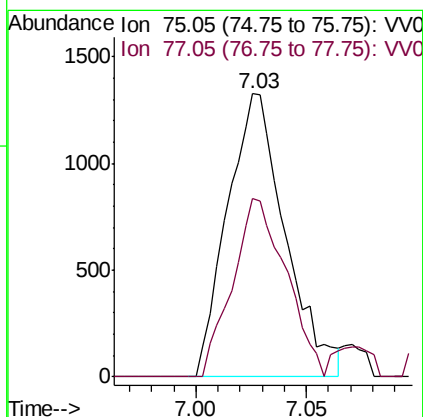
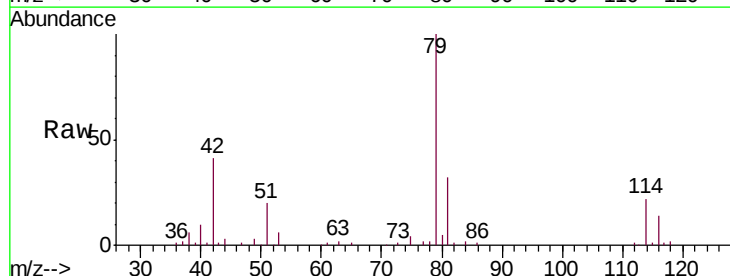
Instrument :
 MSVOA_V
 ClientSampleId :
 C0XS6

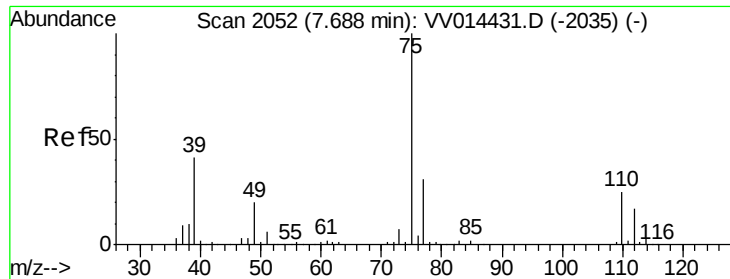
Tgt Ion: 63 Resp: 8868
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV014440.D
 Acq: 30 Jan 2020 16:52

Tgt Ion: 75 Resp: 2418
 Ion Ratio Lower Upper
 75 100
 77 62.8 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV014440.D

Acq: 30 Jan 2020 16:52

Instrument :

MSVOA_V

ClientSampleId :

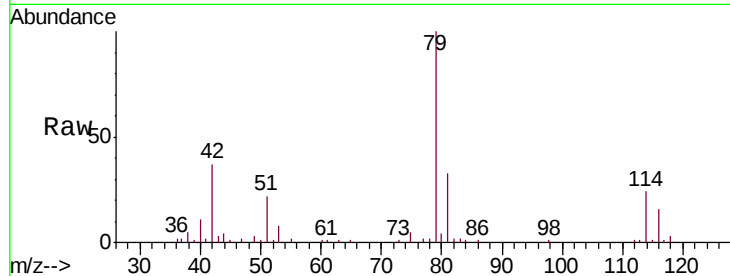
C0XS6

Tgt Ion: 75 Resp: 1526

Ion Ratio Lower Upper

75 100

77 45.6 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VV014431.D (-2035) (-)

Ion 77.05 (76.75 to 77.75): VV014431.D (-2035) (-)

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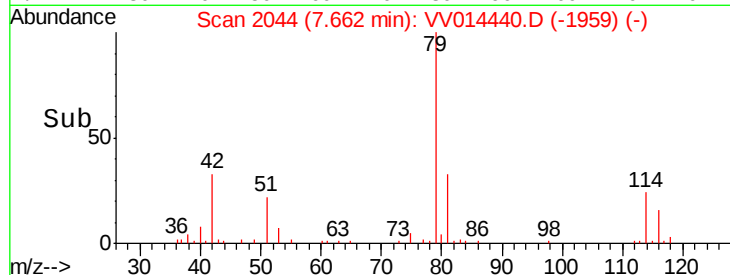
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7.66

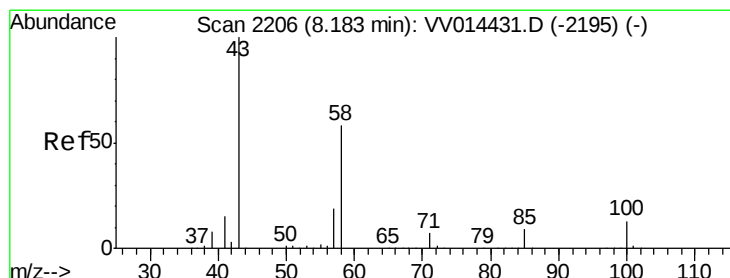
7.66

7.66

7.66



Time-->



#48

2-Hexanone

Concen: 1.986 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV014440.D

Acq: 30 Jan 2020 16:52

Tgt Ion: 43 Resp: 11469

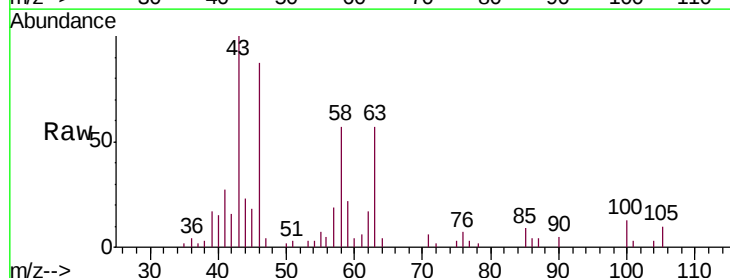
Ion Ratio Lower Upper

43 100

58 48.1 45.8 68.6

57 17.3 15.4 23.0

100 11.6 9.8 14.8



Abundance Ion 43.05 (42.75 to 43.75): VV014431.D (-2195) (-)

Ion 58.05 (57.75 to 58.75): VV014431.D (-2195) (-)

Ion 57.20 (56.90 to 57.90): VV014431.D (-2195) (-)

Ion 100.15 (99.85 to 100.85): VV014431.D (-2195) (-)

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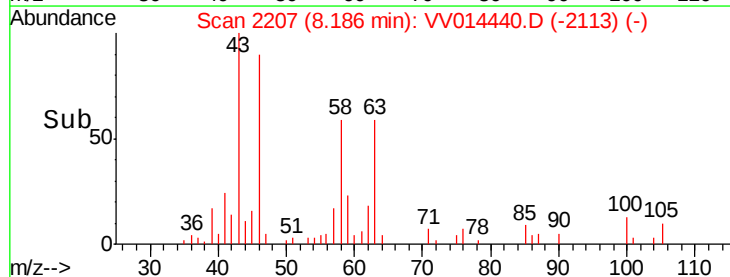
8.19

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8.19



Time-->