

Data File : VV012400.D
Acq On : 26 Aug 2019 14:00
Operator : SY/MD
Sample : K4500-06DL 4X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANK0DL

Quant Time: Aug 27 02:24:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 27 02:19:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	230573	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	225147	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85375	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51232	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.58	69	37869	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.13	63	69861	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.97	46	147280	47.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.84%
24) Chloroform-d	4.40	84	123099	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.08	65	61913	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.10	84	246310	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.12	67	78027	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.36	98	201807	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	7.67	79	25703	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.14	63	75377	38.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45119	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	69094	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	740	0.073 ug/L #	15
12) 1,1-Dichloroethene	2.14	96	844	0.091 ug/L #	1
13) Acetone	2.23	43	18801	13.993 ug/L	94
15) Methyl Acetate	2.23	43	17853	5.279 ug/L #	48
16) Methylene chloride	2.54	84	1360	0.132 ug/L	77
18) trans-1,2-Dichloroethene	2.78	96	2308	0.168 ug/L	82
21) 2-Butanone	4.14	43	211158	66.913 ug/L #	51
22) cis-1,2-Dichloroethene	3.96	96	28846	1.923 ug/L	98
25) Chloroform	4.43	83	5509	0.193 ug/L	88
34) Trichloroethene	5.96	95	12915	0.833 ug/L	93
35) Methylcyclohexane	6.12	83	18437	0.758 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8754	0.602 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2071	0.106 ug/L	89
44) trans-1,3-Dichloropropene	7.67	75	1232	0.083 ug/L	93
47) Tetrachloroethene	8.02	164	76450	6.115 ug/L	98
48) 2-Hexanone	8.19	43	18969	3.373 ug/L #	77
49) Dibromochloromethane	8.02	129	64108	5.676 ug/L #	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082619\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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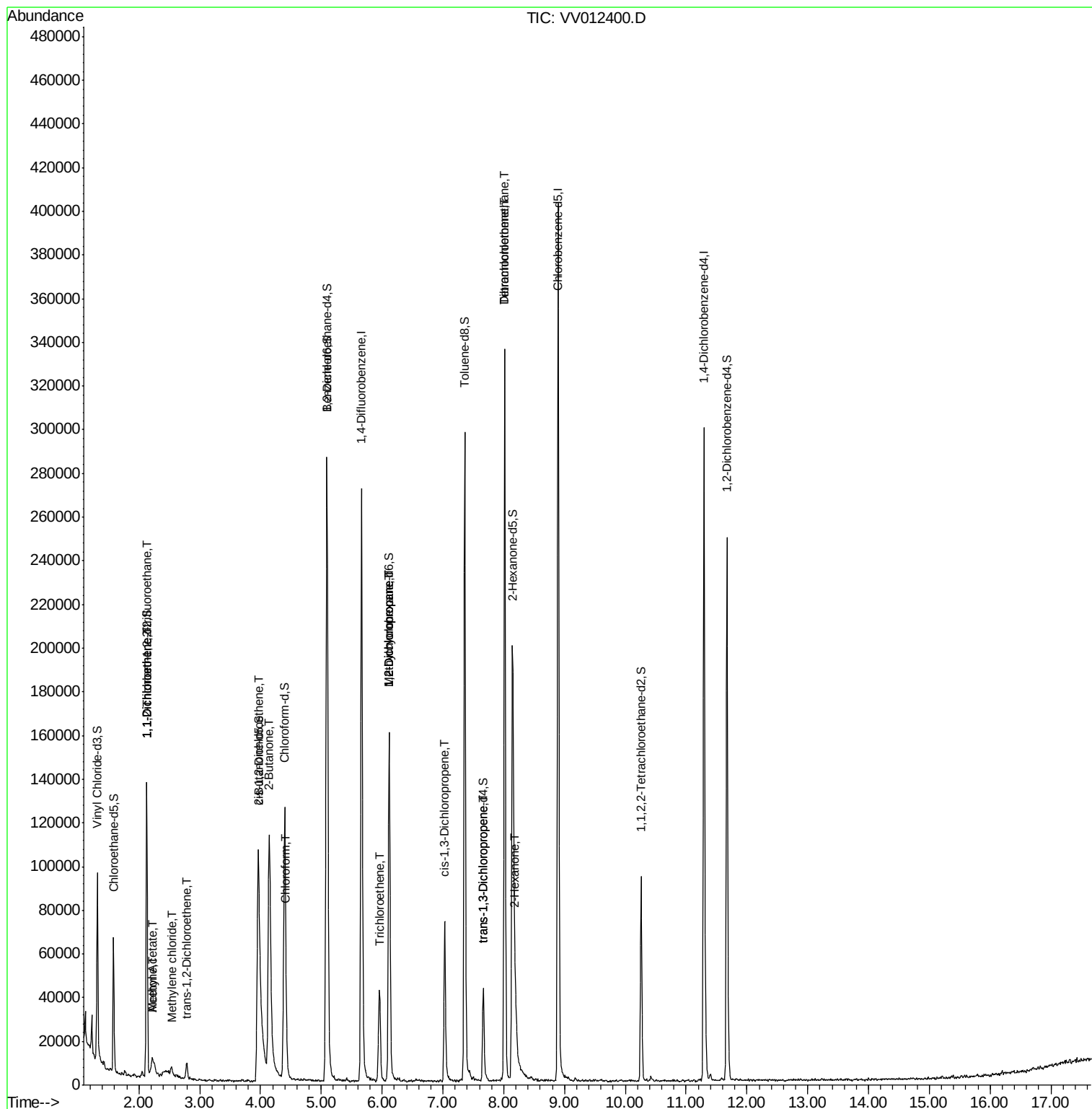
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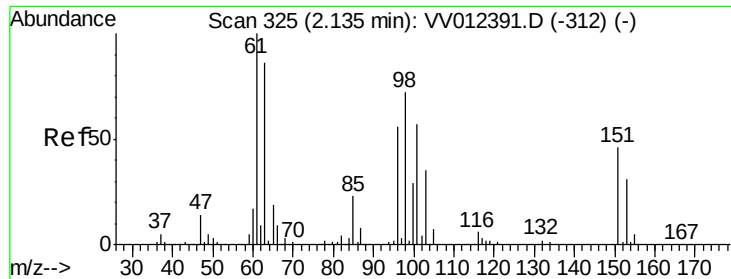
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#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: VV012400.D

Acq: 26 Aug 2019 14:00

Instrument :

MSVOA_V

ClientSampleId :

GANK0DL

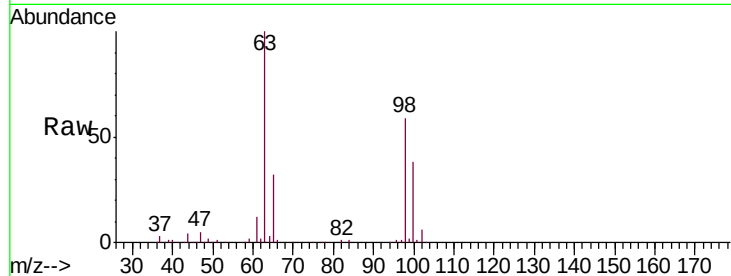
Tgt Ion: 101 Resp: 740

Ion Ratio Lower Upper

101 100

85 2.8 34.6 51.8#

151 0.0 71.2 106.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

2.13

400

300

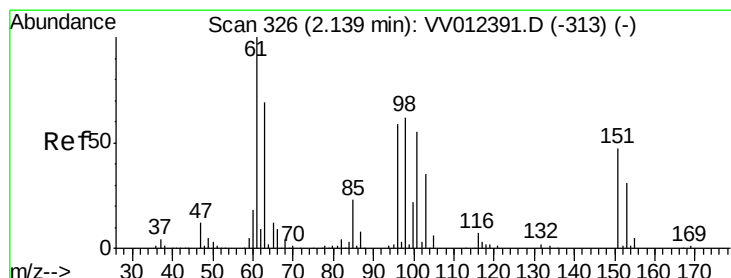
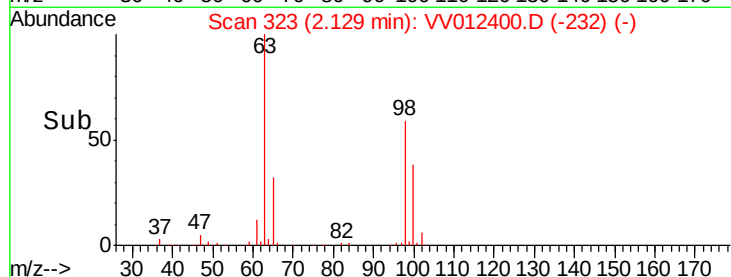
200

100

0

2.10 2.12 2.14 2.16

Time-->



#12

1,1-Dichloroethene

Concen: 0.091 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV012400.D

Acq: 26 Aug 2019 14:00

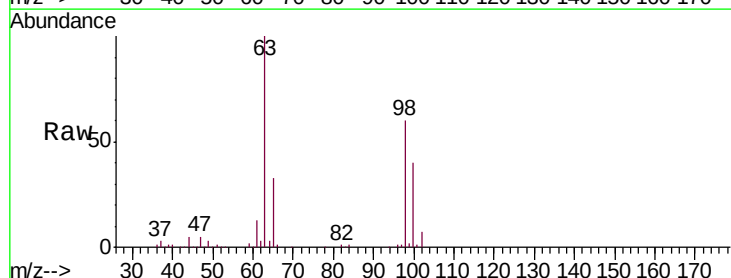
Tgt Ion: 96 Resp: 844

Ion Ratio Lower Upper

96 100

61 977.9 122.3 227.1#

63 7670.0 90.6 168.2#



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

60000

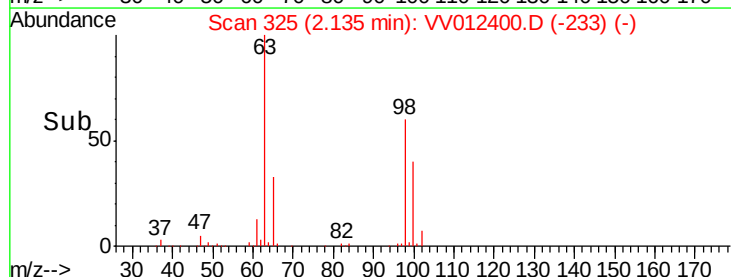
40000

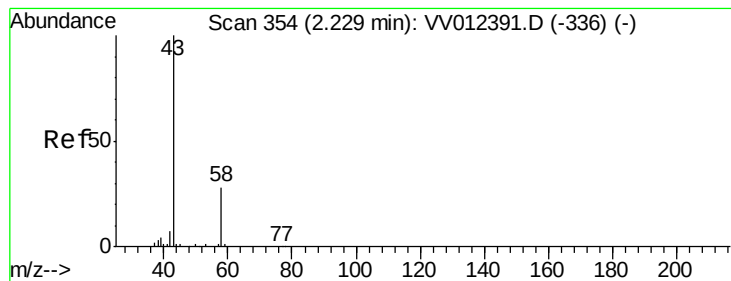
20000

0

2.10 2.12 2.14 2.16

Time-->





#13

Acetone

Concen: 13.993 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.00 min

Lab File: VV012400.D

Acq: 26 Aug 2019 14:00

Instrument :

MSVOA_V

ClientSampleId :

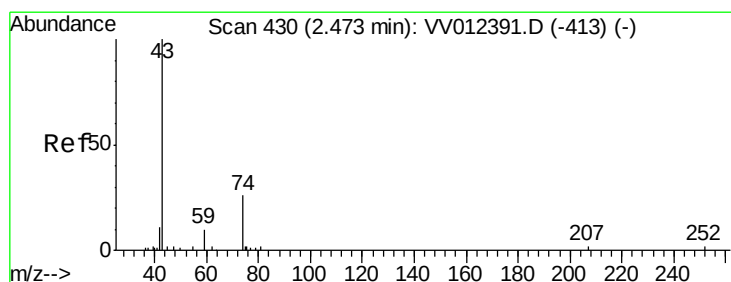
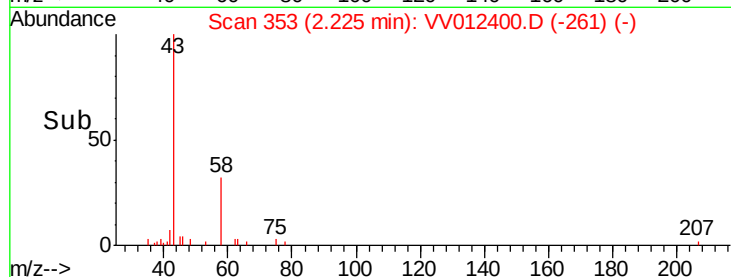
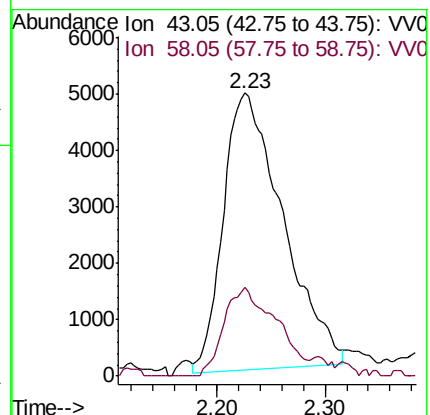
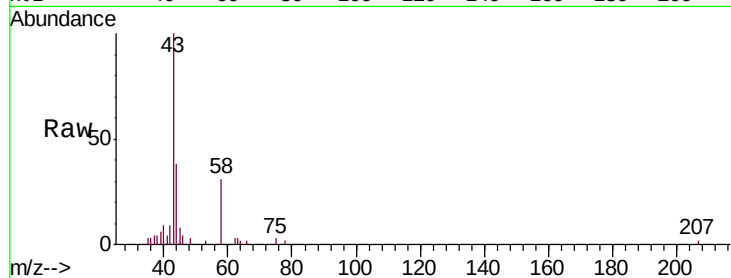
GANK0DL

Tgt Ion: 43 Resp: 18801

Ion Ratio Lower Upper

43 100

58 28.1 0.0 62.8



#15

Methyl Acetate

Concen: 5.279 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.25 min

Lab File: VV012400.D

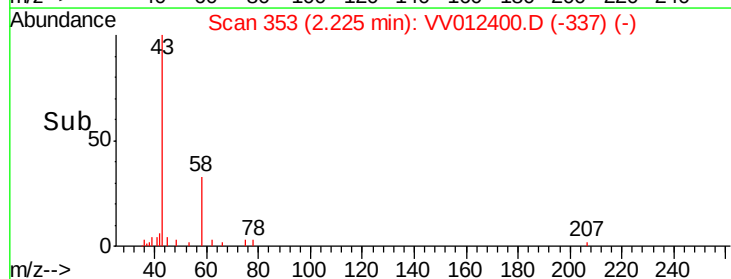
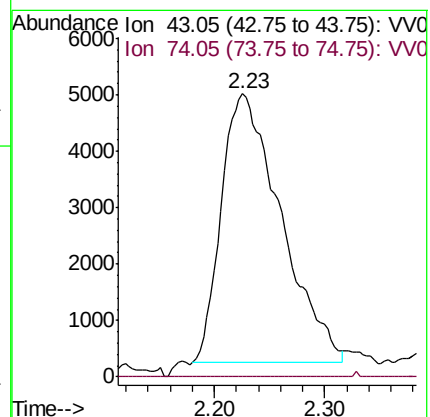
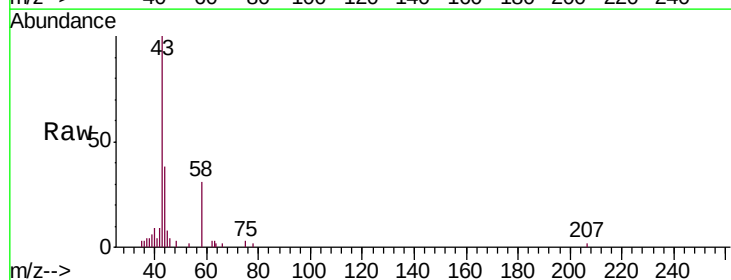
Acq: 26 Aug 2019 14:00

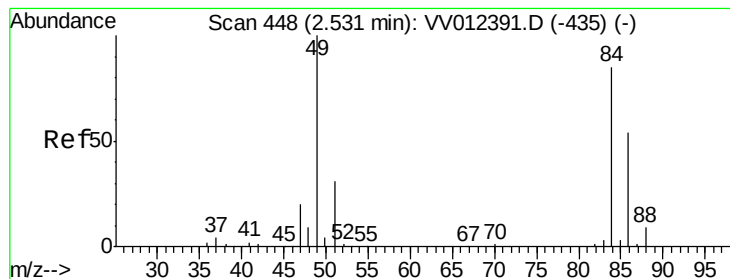
Tgt Ion: 43 Resp: 17853

Ion Ratio Lower Upper

43 100

74 0.1 21.8 32.6#





#16

Methylene chloride

Concen: 0.132 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

Lab File: VV012400.D

Acq: 26 Aug 2019 14:00

Instrument :

MSVOA_V

ClientSampleId :

GANK0DL

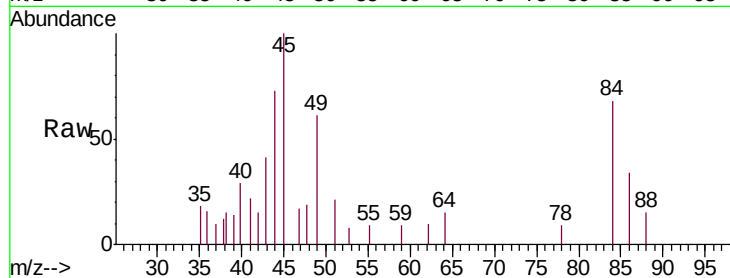
Tgt Ion: 84 Resp: 1360

Ion Ratio Lower Upper

84 100

86 49.5 44.9 83.5

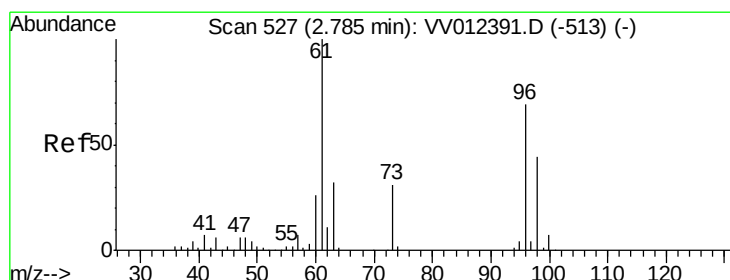
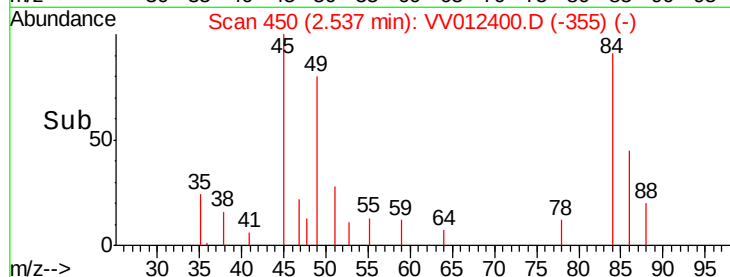
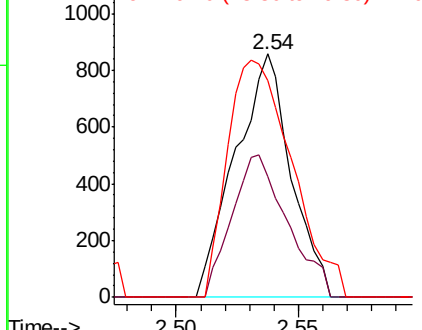
49 88.8 81.1 150.7



Abundance Ion 84.05 (83.75 to 84.75): VV012391.D (-435) (-)

Ion 86.00 (85.70 to 86.70): VV012391.D (-435) (-)

Ion 49.10 (48.80 to 49.80): VV012391.D (-435) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.168 ug/L

RT: 2.78 min Scan# 527

Delta R.T. -0.00 min

Lab File: VV012400.D

Acq: 26 Aug 2019 14:00

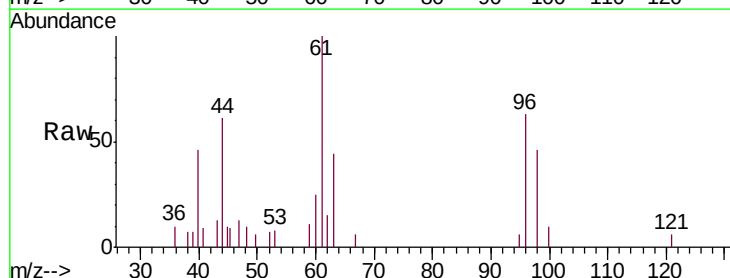
Tgt Ion: 96 Resp: 2308

Ion Ratio Lower Upper

96 100

61 159.2 96.0 178.4

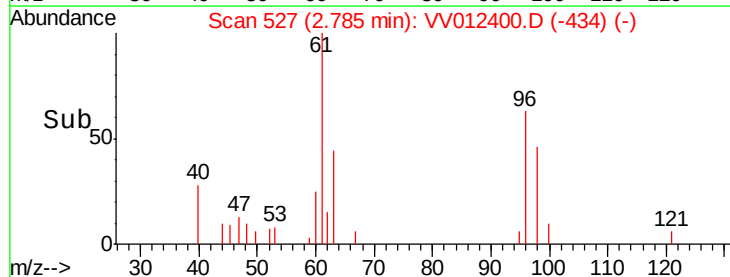
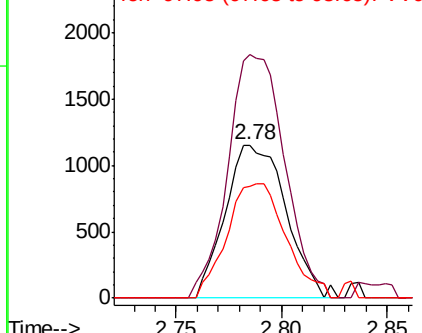
98 72.8 42.1 78.3

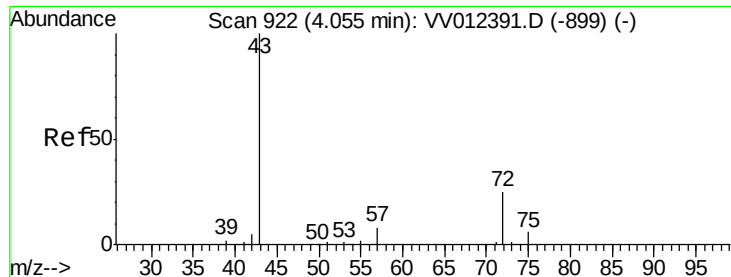


Abundance Ion 96.00 (95.70 to 96.70): VV012391.D (-513) (-)

Ion 61.05 (60.75 to 61.75): VV012391.D (-513) (-)

Ion 97.95 (97.65 to 98.65): VV012391.D (-513) (-)





#21

2-Butanone

Concen: 66.913 ug/L

RT: 4.14 min Scan# 949

Delta R.T. 0.09 min

Lab File: VV012400.D

Acq: 26 Aug 2019 14:00

Instrument :

MSVOA_V

ClientSampleId :

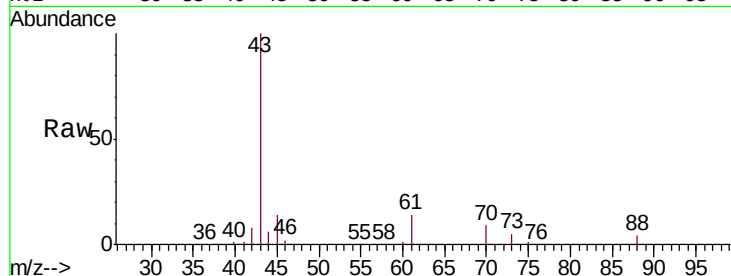
GANK0DL

Tgt Ion: 43 Resp: 211158

Ion Ratio Lower Upper

43 100

72 0.0 12.2 36.6#

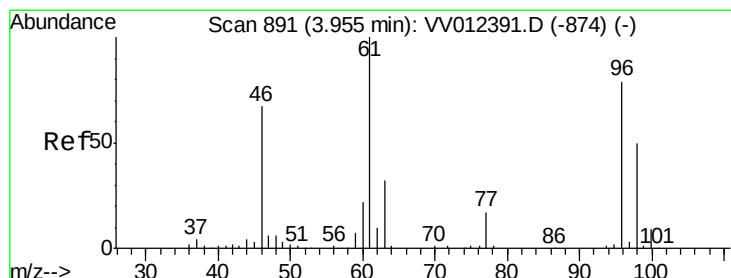
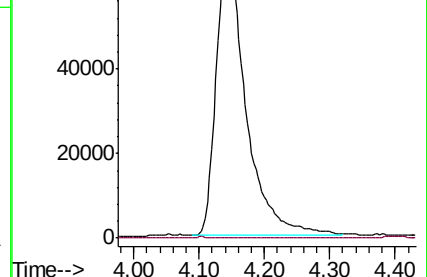
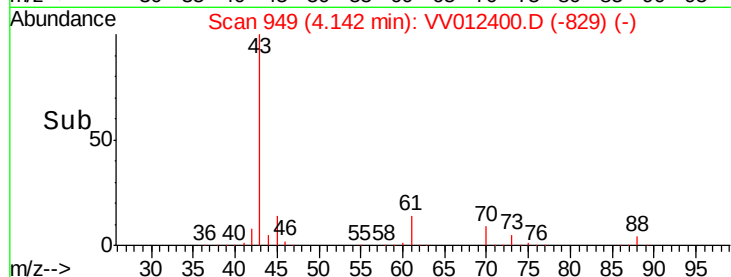


Abundance Ion 43.05 (42.75 to 43.75): VV012391.D (-899) (-)

Ion 72.10 (71.80 to 72.80): VV012391.D (-899) (-)

4.14

Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.923 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV012400.D

Acq: 26 Aug 2019 14:00

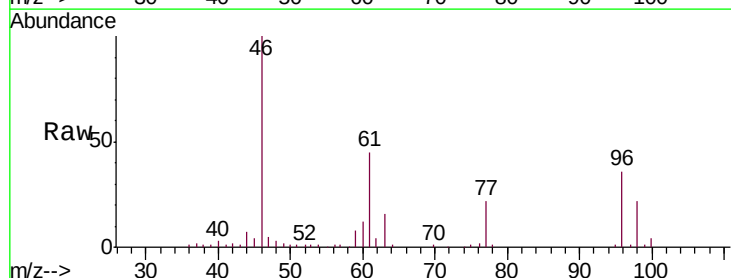
Tgt Ion: 96 Resp: 28846

Ion Ratio Lower Upper

96 100

61 125.7 89.4 166.0

68 0.0 0.0 0.0



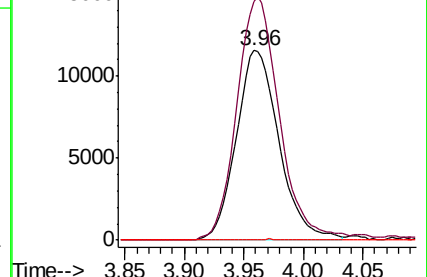
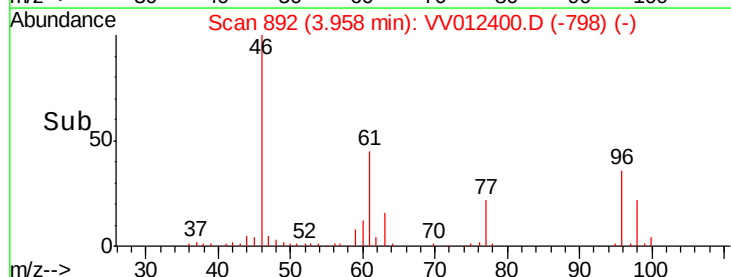
Abundance Ion 96.00 (95.70 to 96.70): VV012391.D (-874) (-)

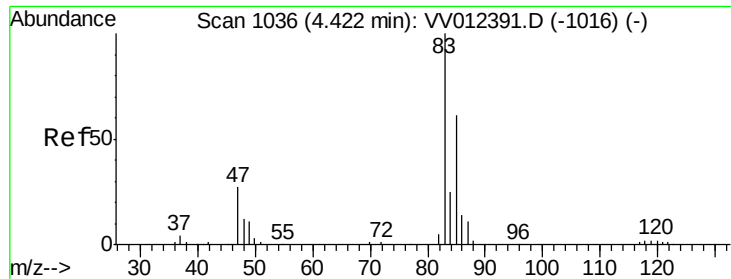
Ion 61.05 (60.75 to 61.75): VV012391.D (-874) (-)

Ion 68.15 (67.85 to 68.85): VV012391.D (-874) (-)

3.96

Time-->

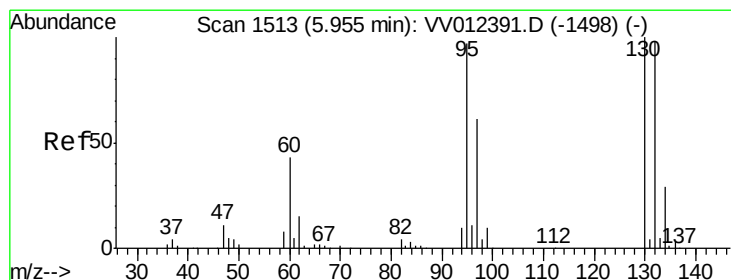
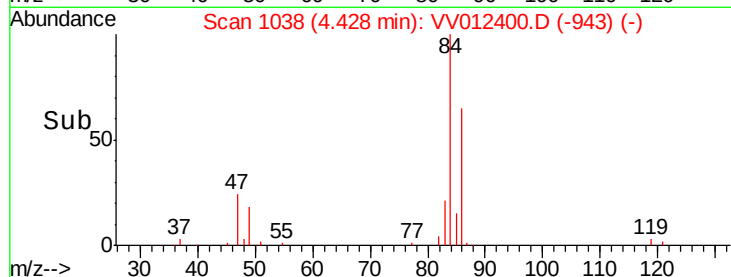
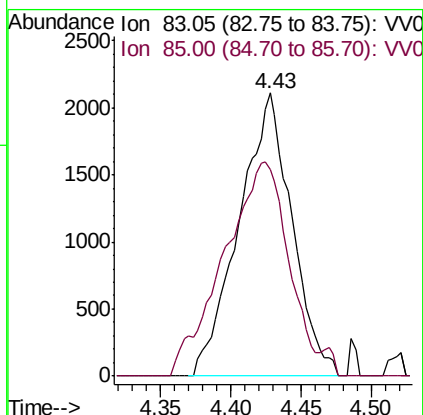
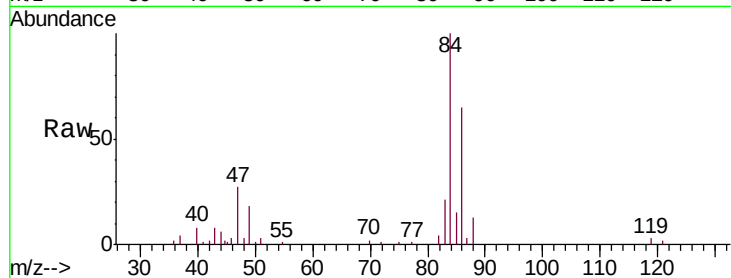




#25
Chloroform
Concen: 0.193 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV012400.D
Acq: 26 Aug 2019 14:00

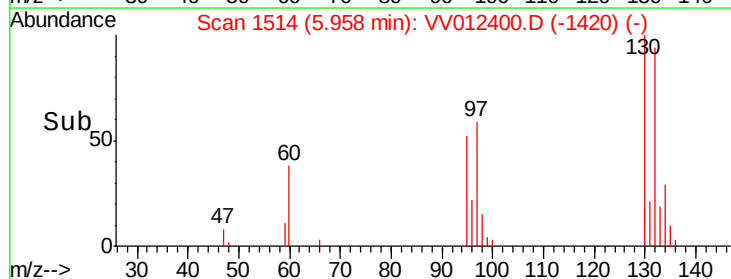
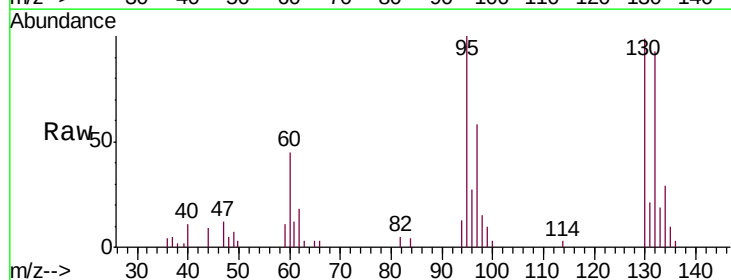
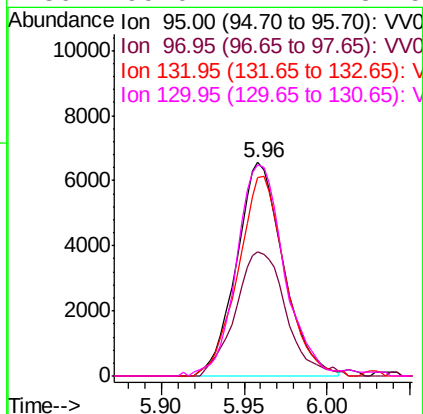
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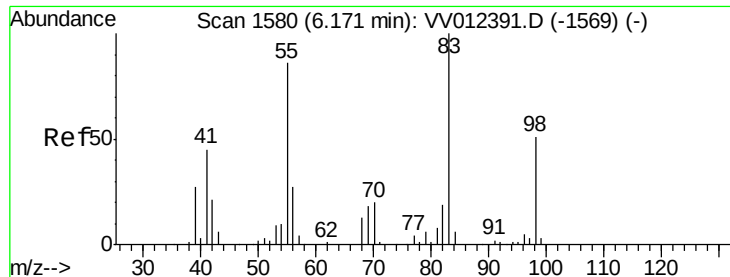
Tgt Ion: 83 Resp: 5509
Ion Ratio Lower Upper
83 100
85 73.0 44.6 82.8



#34
Trichloroethene
Concen: 0.833 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012400.D
Acq: 26 Aug 2019 14:00

Tgt Ion: 95 Resp: 12915
Ion Ratio Lower Upper
95 100
97 58.1 46.3 86.1
132 93.1 70.3 130.7
130 99.0 72.4 134.5

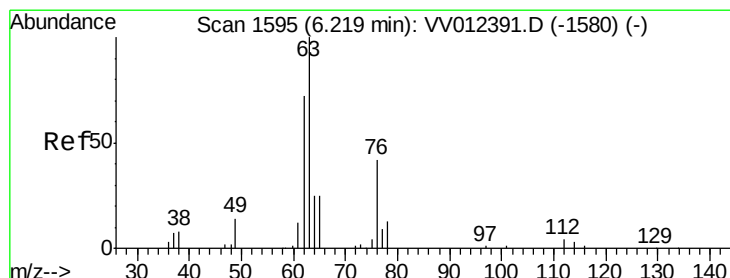
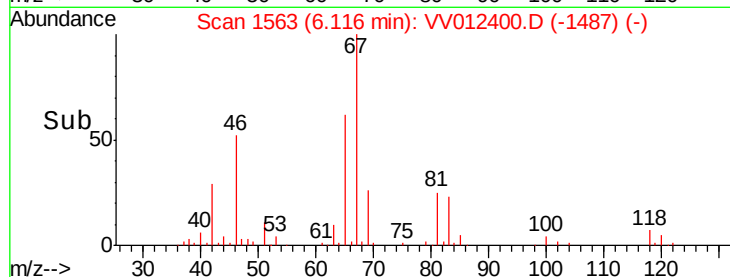
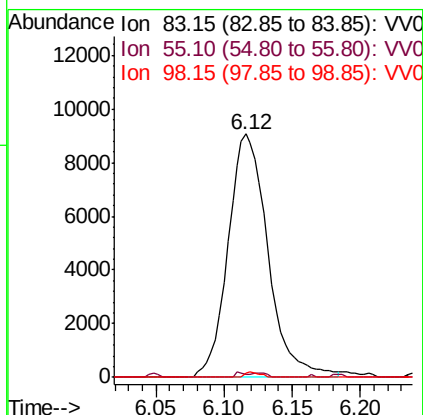
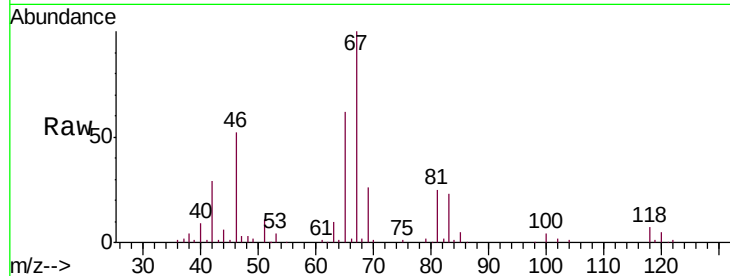




#35
Methylcyclohexane
Concen: 0.758 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012400.D
Acq: 26 Aug 2019 14:00

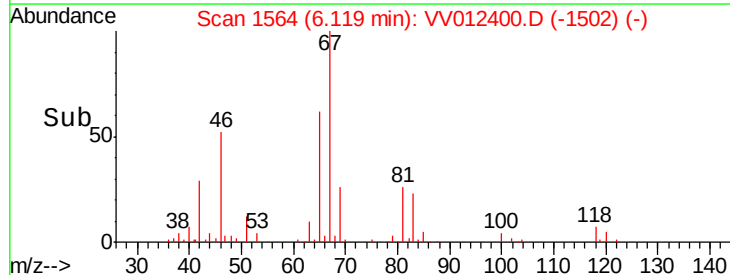
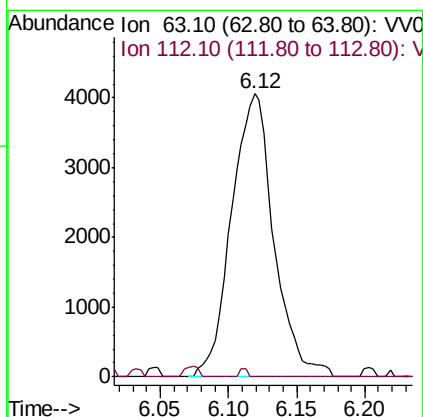
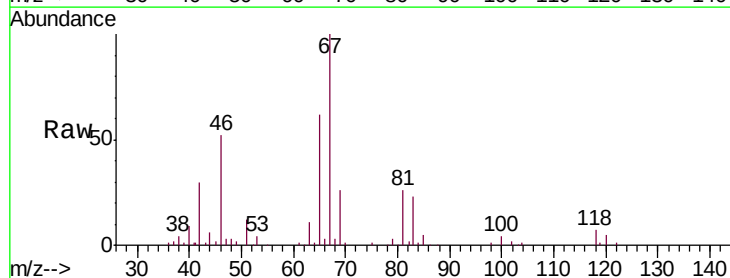
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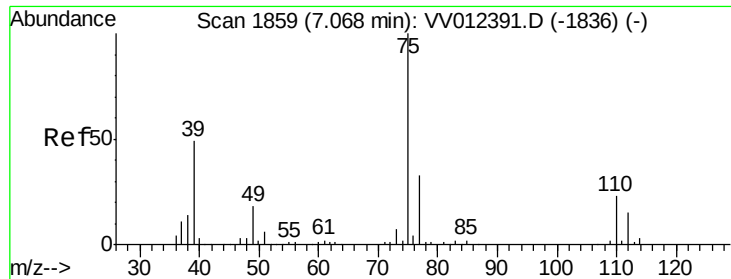
Tgt Ion: 83 Resp: 18437
Ion Ratio Lower Upper
83 100
55 0.7 64.6 97.0#
98 0.8 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012400.D
Acq: 26 Aug 2019 14:00

Tgt Ion: 63 Resp: 8754
Ion Ratio Lower Upper
63 100
112 0.5 4.2 6.2#

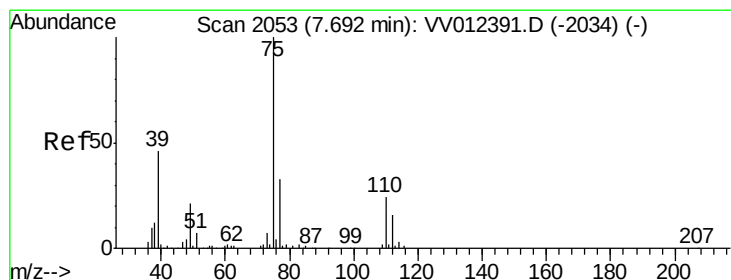
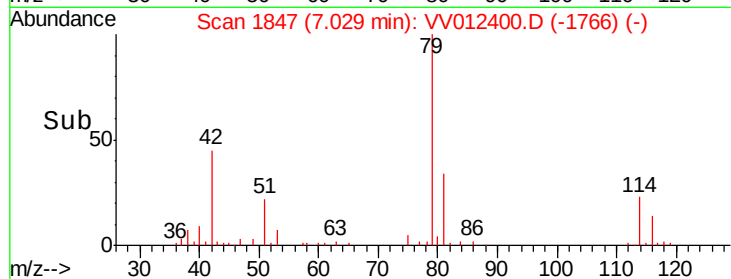
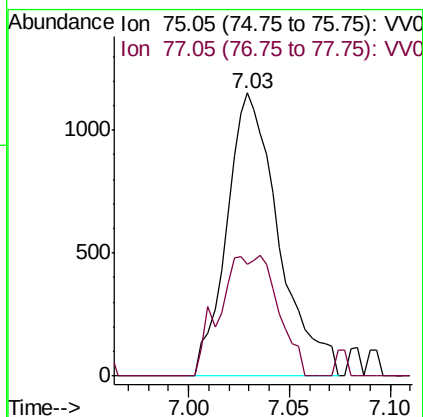
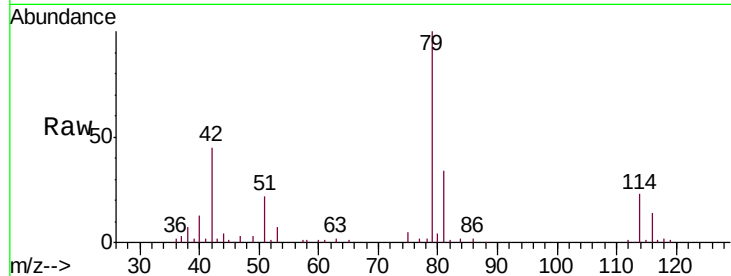




#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012400.D
 Acq: 26 Aug 2019 14:00

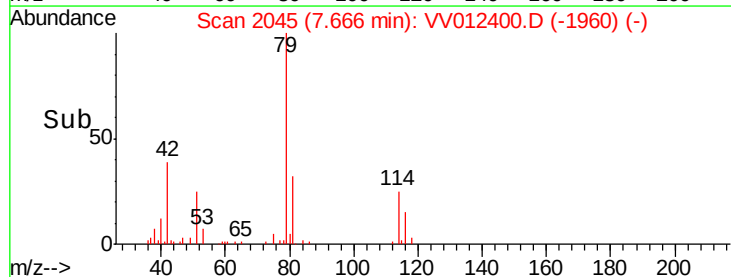
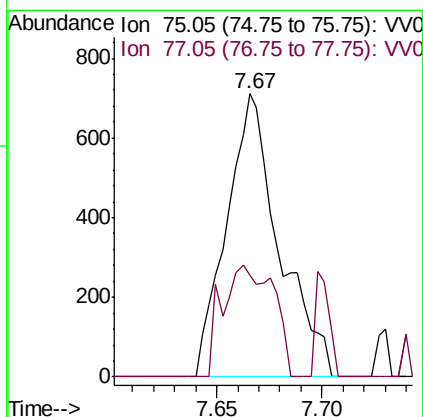
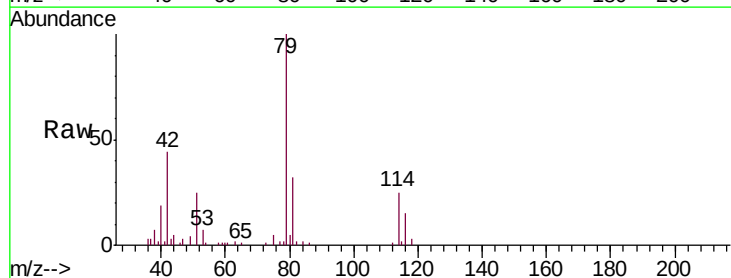
Instrument :
 MSVOA_V
 ClientSampled :
 GANK0DL

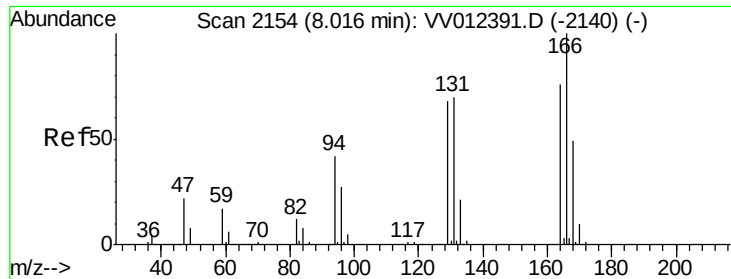
Tgt Ion: 75 Resp: 2071
 Ion Ratio Lower Upper
 75 100
 77 39.7 23.2 43.2



#44
 trans-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV012400.D
 Acq: 26 Aug 2019 14:00

Tgt Ion: 75 Resp: 1232
 Ion Ratio Lower Upper
 75 100
 77 36.1 22.6 42.0

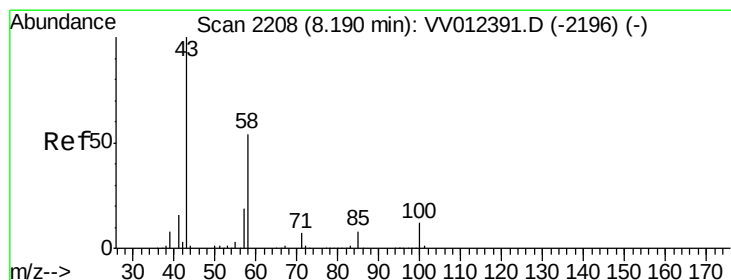
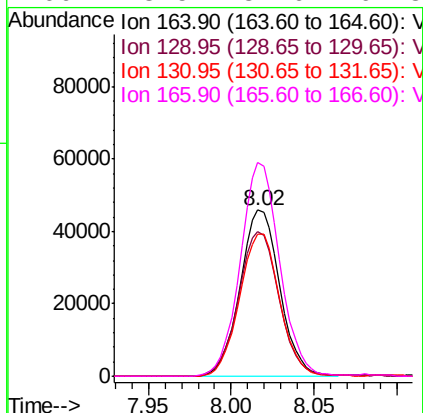
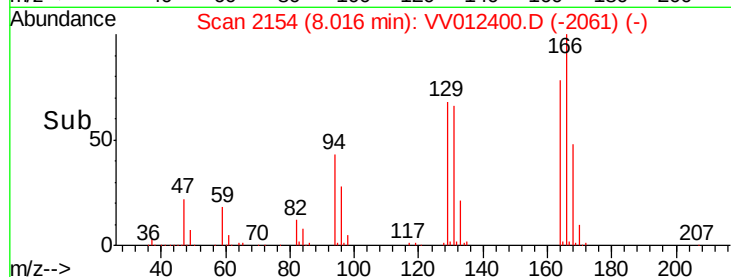
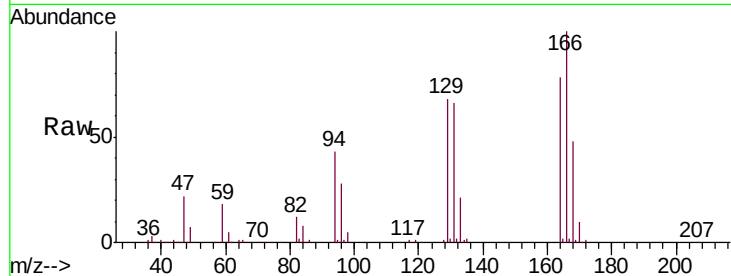




#47
Tetrachloroethene
Concen: 6.115 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012400.D
Acq: 26 Aug 2019 14:00

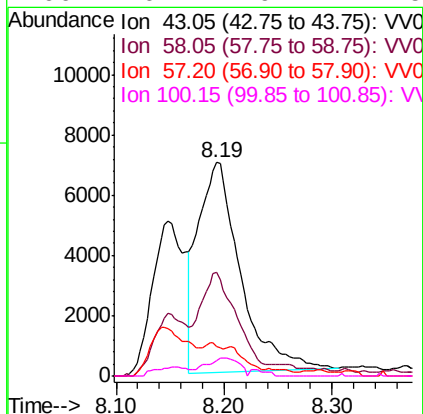
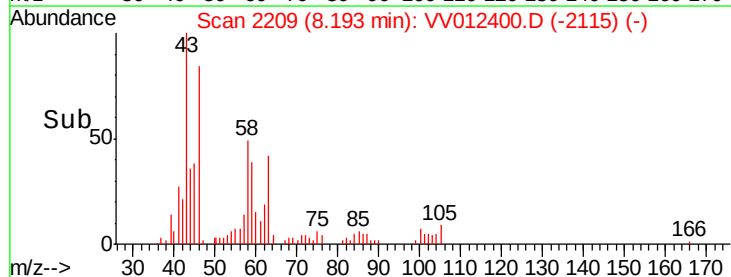
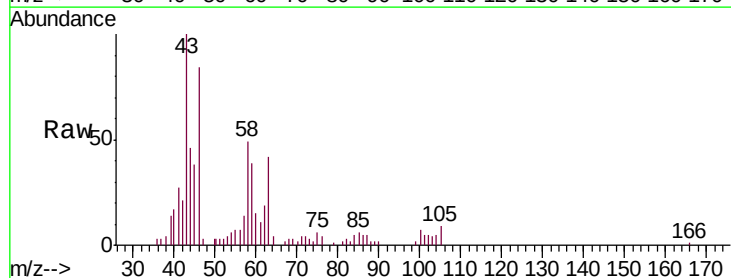
Instrument :
MSVOA_V
ClientSampleId :
GANK0DL

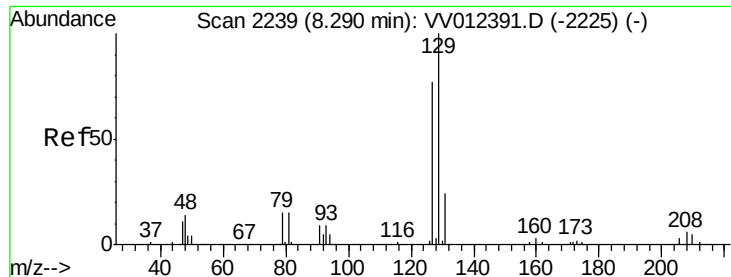
Tgt Ion:164 Resp: 76450
Ion Ratio Lower Upper
164 100
129 87.2 60.6 112.6
131 85.3 58.8 109.2
166 128.5 87.6 162.8



#48
2-Hexanone
Concen: 3.373 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV012400.D
Acq: 26 Aug 2019 14:00

Tgt Ion: 43 Resp: 18969
Ion Ratio Lower Upper
43 100
58 42.5 46.3 69.5#
57 1.5 14.9 22.3#
100 6.7 9.7 14.5#





#49

Dibromochloromethane

Concen: 5.676 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV012400.D

Acq: 26 Aug 2019 14:00

Instrument :

MSVOA_V

ClientSampleId :

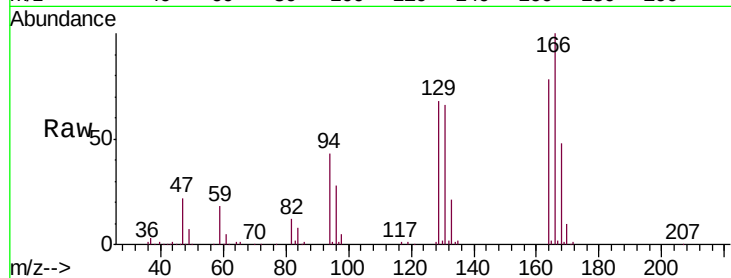
GANK0DL

Tgt Ion:129 Resp: 64108

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

