

Data File : VV012405.D
Acq On : 26 Aug 2019 16:21
Operator : SY/MD
Sample : K4500-14DL 20X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANK8DL

Quant Time: Aug 27 02:25:12 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	222391	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	217965	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83519	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48822	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.58	69	37300	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.13	63	65899	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	3.97	46	153445	51.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.46%
24) Chloroform-d	4.40	84	123146	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.08	65	63199	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.09	84	245882	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	79402	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	205517	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.67	79	25847	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.14	63	81880	43.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46219	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	71269	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

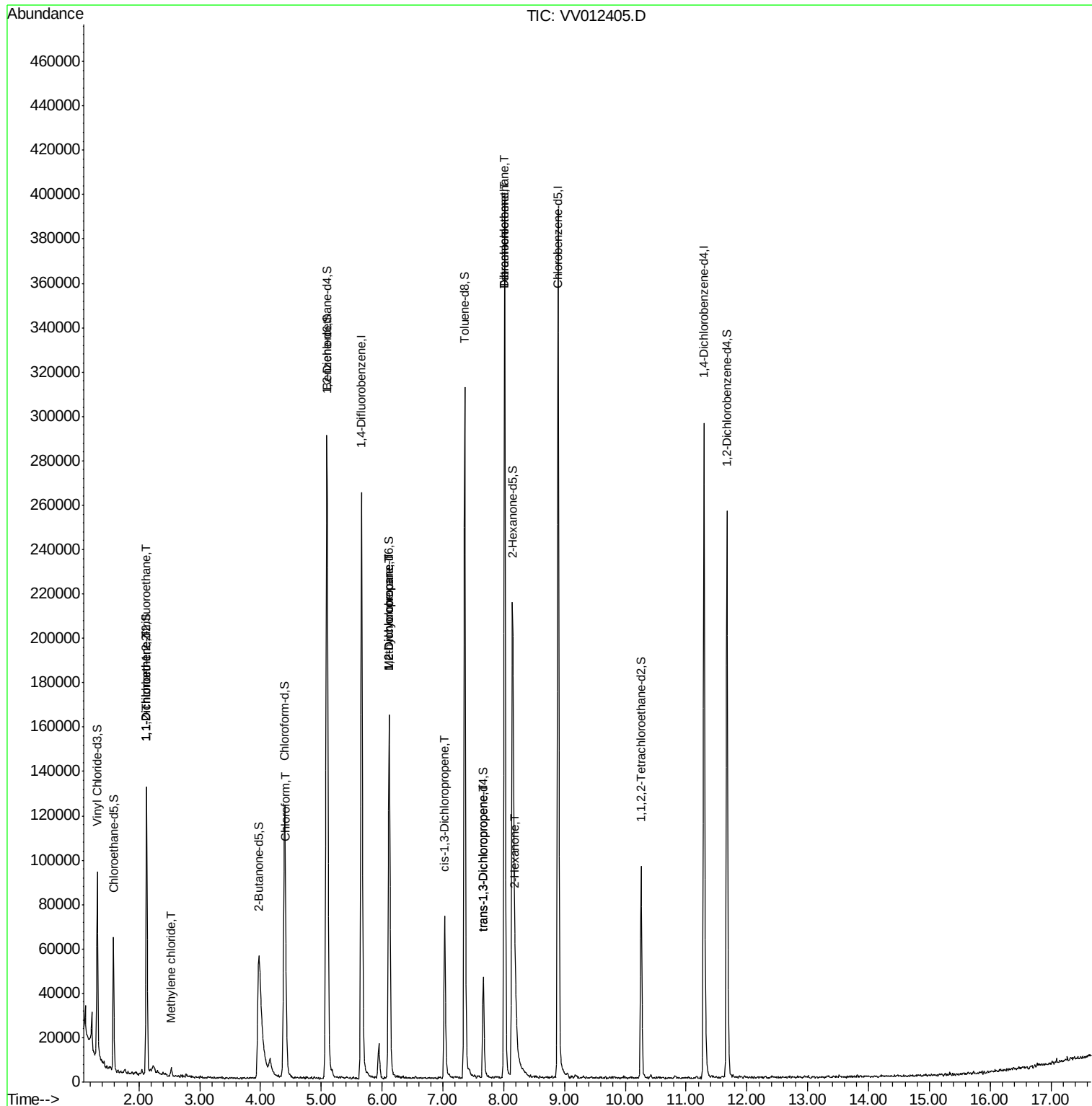
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	705	0.072 ug/L #	16
12) 1,1-Dichloroethene	2.13	96	671	0.075 ug/L #	1
16) Methylene chloride	2.53	84	1237	0.124 ug/L	95
25) Chloroform	4.42	83	6697	0.243 ug/L	100
35) Methylcyclohexane	6.12	83	19739	0.838 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8756	0.622 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1864	0.098 ug/L #	65
44) trans-1,3-Dichloropropene	7.66	75	1311	0.092 ug/L	87
47) Tetrachloroethene	8.02	164	90004	7.436 ug/L	97
48) 2-Hexanone	8.19	43	20691	3.801 ug/L #	73
49) Dibromochloromethane	8.02	129	75222	6.880 ug/L #	11

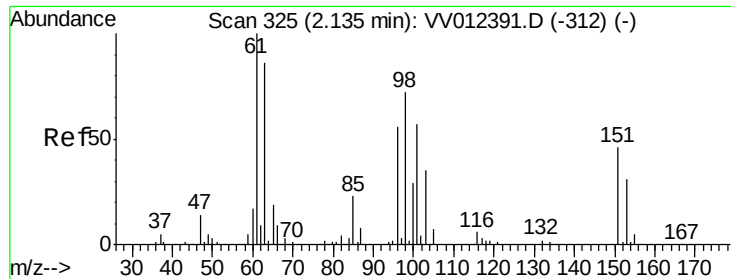
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.072 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV012405.D

Acq: 26 Aug 2019 16:21

Instrument :

MSVOA_V

ClientSampleId :

GANK8DL

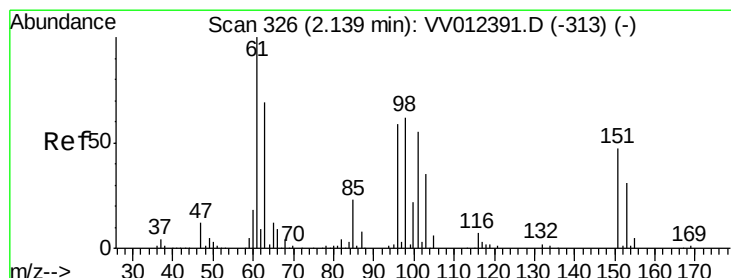
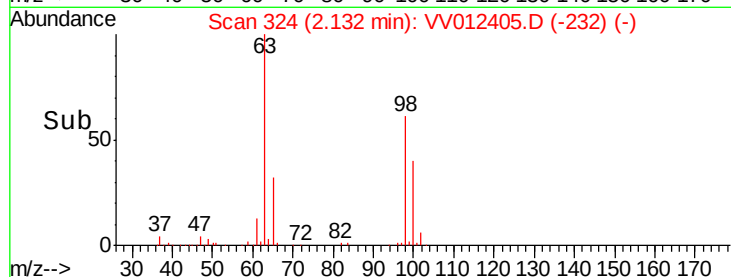
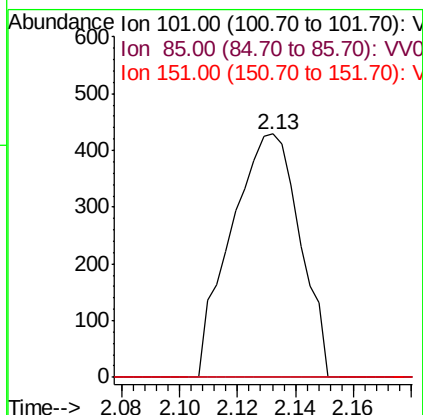
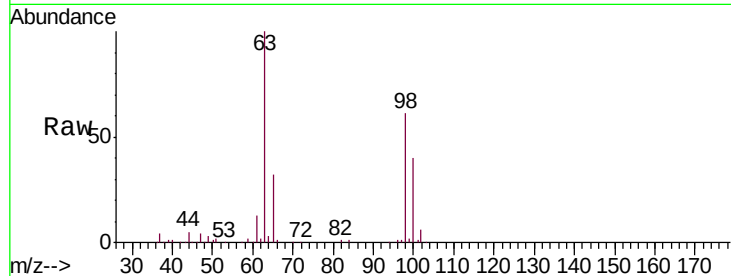
Tgt Ion:101 Resp: 705

Ion Ratio Lower Upper

101 100

85 3.1 34.6 51.8#

151 0.0 71.2 106.8#



#12

1,1-Dichloroethene

Concen: 0.075 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012405.D

Acq: 26 Aug 2019 16:21

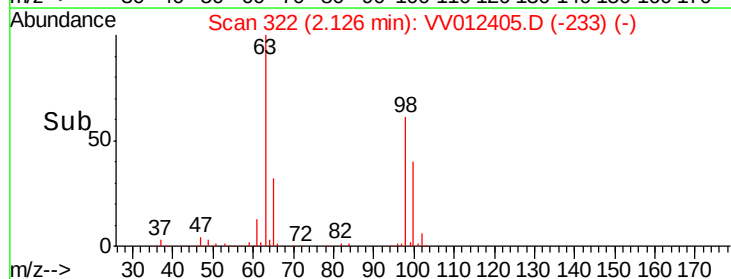
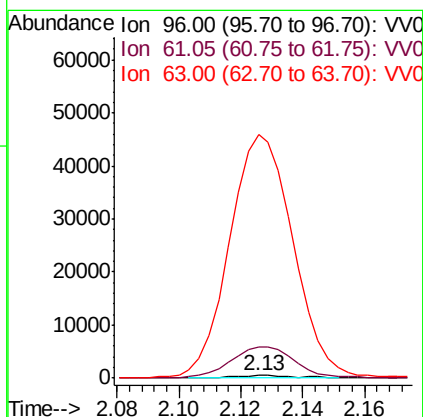
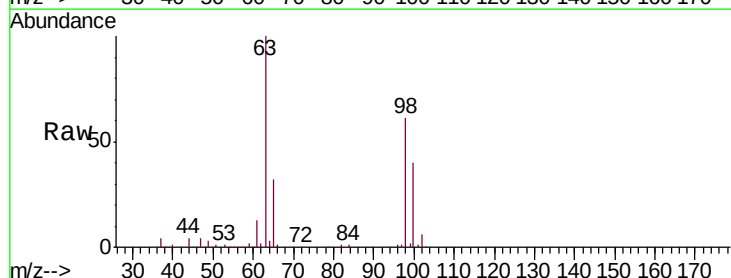
Tgt Ion: 96 Resp: 671

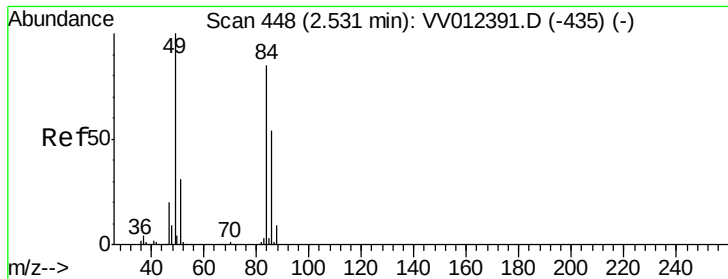
Ion Ratio Lower Upper

96 100

61 1165.8 122.3 227.1#

63 8983.2 90.6 168.2#

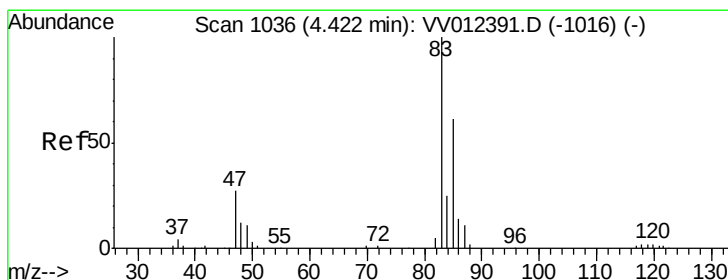
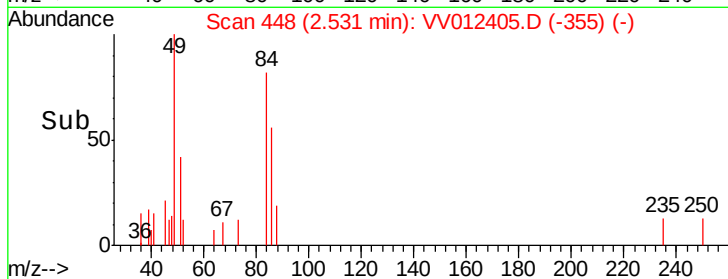
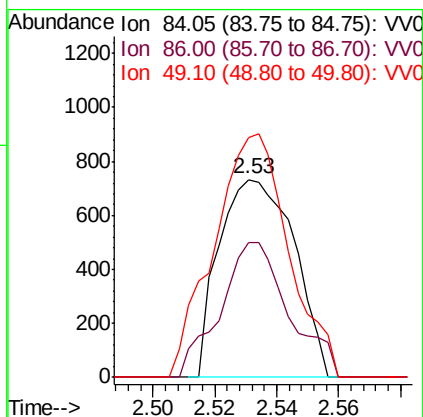
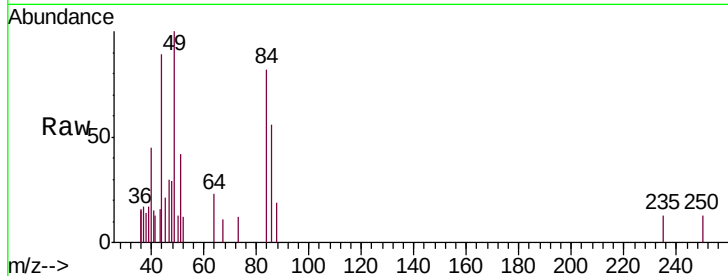




#16
Methylene chloride
Concen: 0.124 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV012405.D
Acq: 26 Aug 2019 16:21

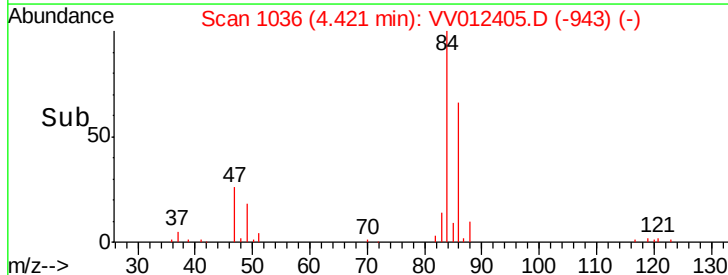
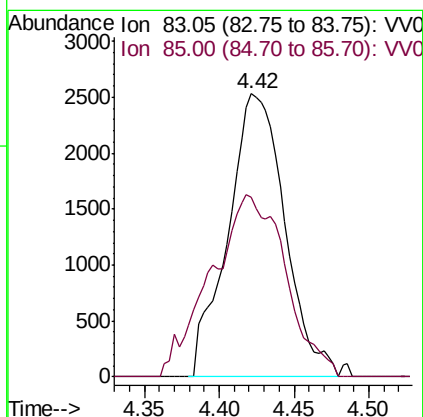
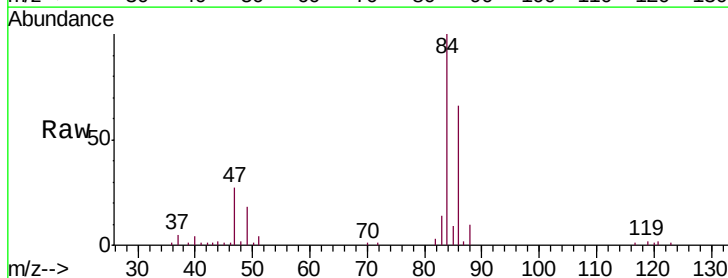
Instrument :
MSVOA_V
ClientSampleId :
GANK8DL

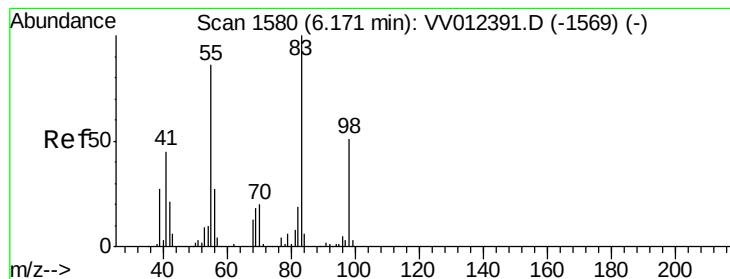
Tgt Ion: 84 Resp: 1237
Ion Ratio Lower Upper
84 100
86 68.3 44.9 83.5
49 121.3 81.1 150.7



#25
Chloroform
Concen: 0.243 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012405.D
Acq: 26 Aug 2019 16:21

Tgt Ion: 83 Resp: 6697
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8





#35

Methylcyclohexane

Concen: 0.838 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV012405.D

Acq: 26 Aug 2019 16:21

Instrument :

MSVOA_V

ClientSampleId :

GANK8DL

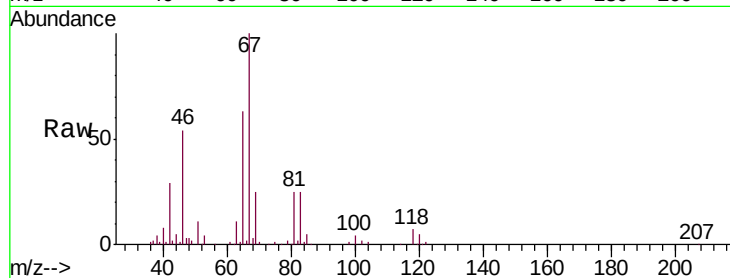
Tgt Ion: 83 Resp: 19739

Ion Ratio Lower Upper

83 100

55 0.5 64.6 97.0#

98 1.7 39.0 58.4#



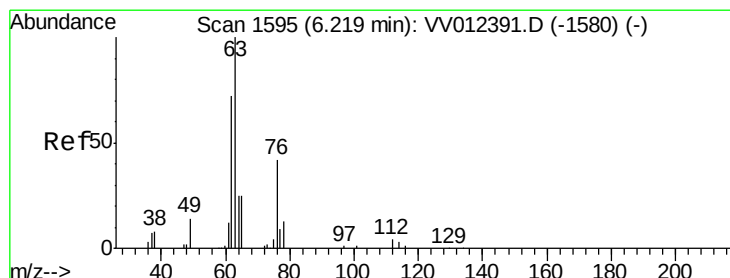
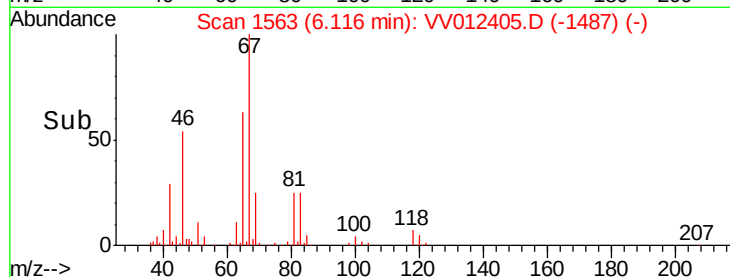
Abundance Ion 83.15 (82.85 to 83.85): VV012391.D (-1569) (-)

Ion 55.10 (54.80 to 55.80): VV012391.D (-1569) (-)

Ion 98.15 (97.85 to 98.85): VV012391.D (-1569) (-)

6.12

Time-->



#37

1,2-Dichloropropane

Concen: 0.622 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012405.D

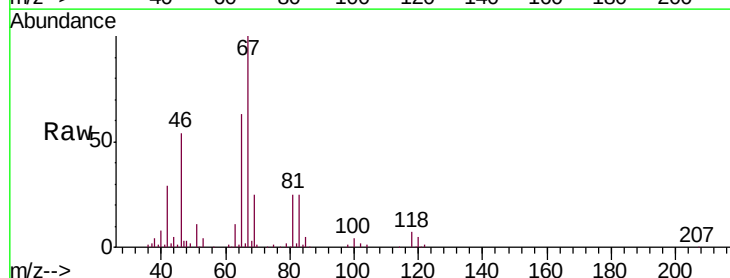
Acq: 26 Aug 2019 16:21

Tgt Ion: 63 Resp: 8756

Ion Ratio Lower Upper

63 100

112 0.8 4.2 6.2#

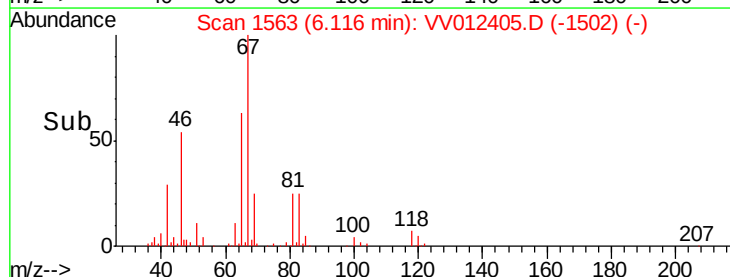


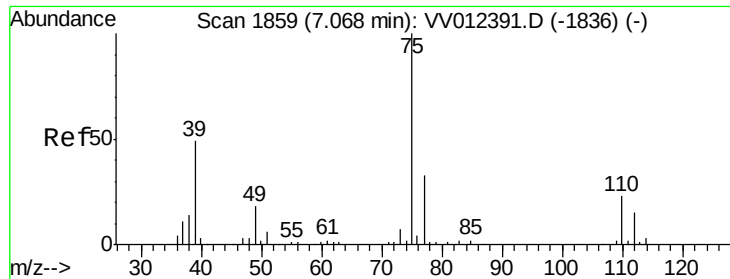
Abundance Ion 63.10 (62.80 to 63.80): VV012391.D (-1580) (-)

Ion 112.10 (111.80 to 112.80): VV012391.D (-1580) (-)

6.12

Time-->





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV012405.D

Acq: 26 Aug 2019 16:21

Instrument :

MSVOA_V

ClientSampleID :

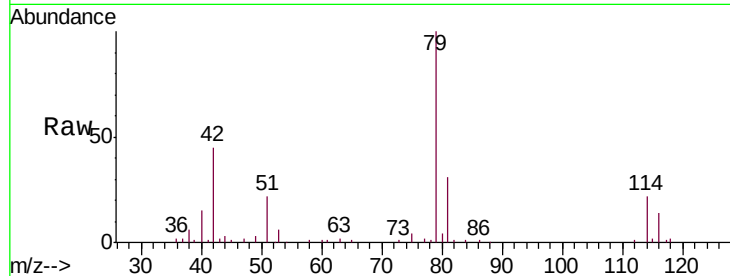
GANK8DL

Tgt Ion: 75 Resp: 1864

Ion Ratio Lower Upper

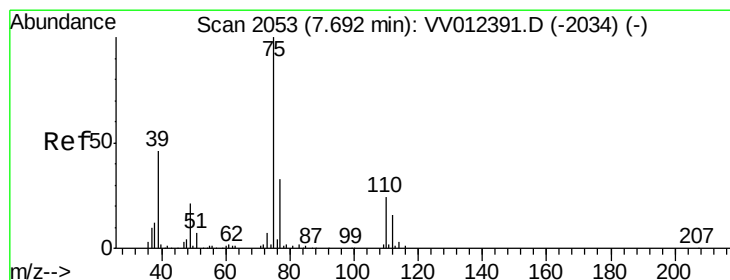
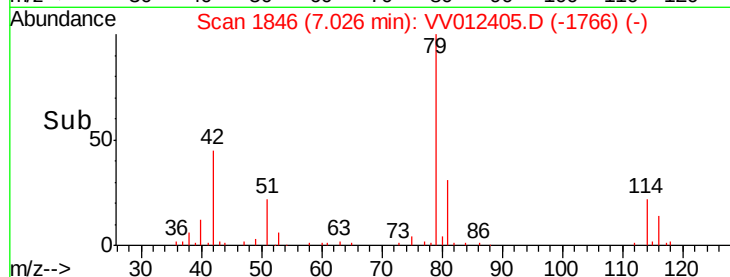
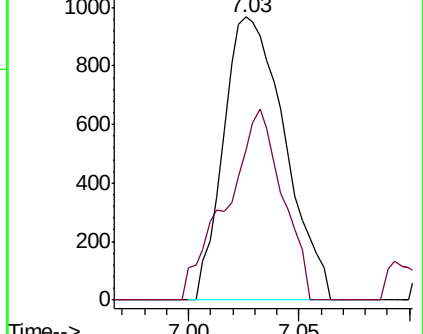
75 100

77 52.8 23.2 43.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012405.D

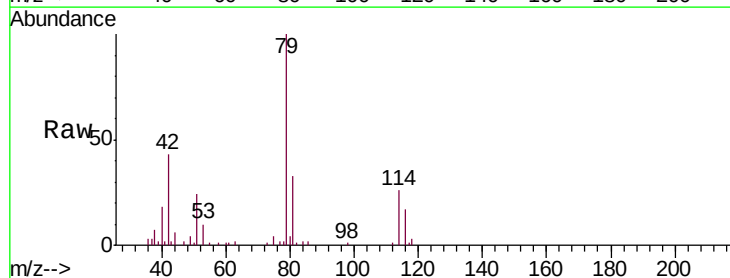
Acq: 26 Aug 2019 16:21

Tgt Ion: 75 Resp: 1311

Ion Ratio Lower Upper

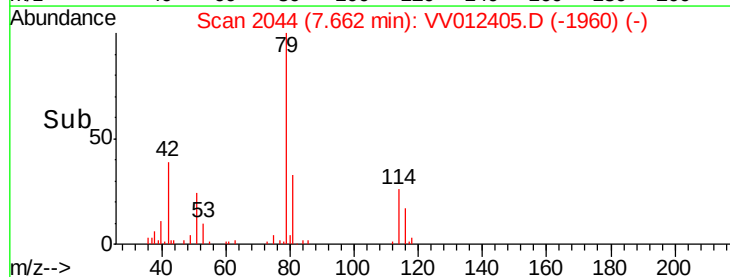
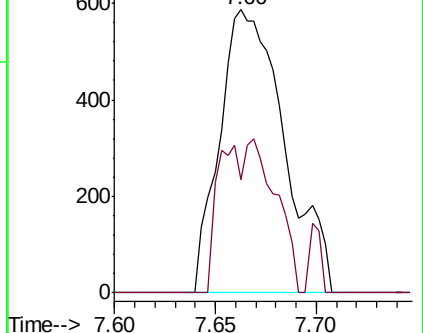
75 100

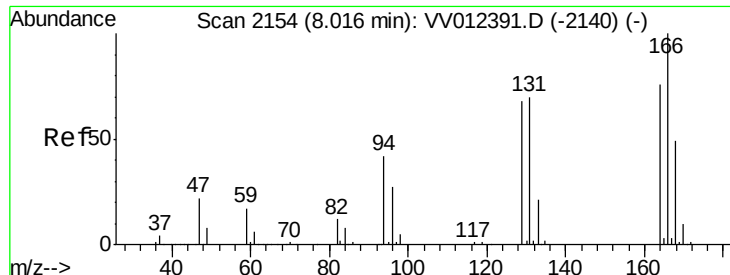
77 39.7 22.6 42.0



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#47

Tetrachloroethene

Concen: 7.436 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV012405.D

Acq: 26 Aug 2019 16:21

Instrument :

MSVOA_V

ClientSampleId :

GANK8DL

Tgt Ion:164 Resp: 90004

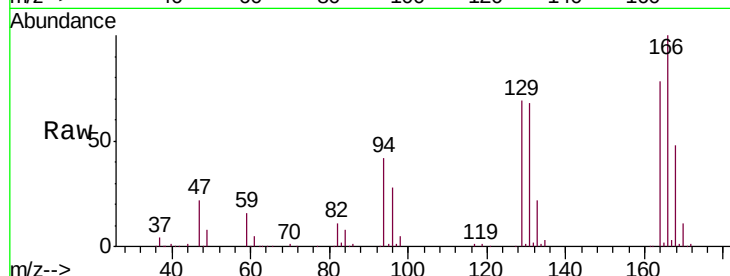
Ion Ratio Lower Upper

164 100

129 88.2 60.6 112.6

131 87.3 58.8 109.2

166 127.8 87.6 162.8

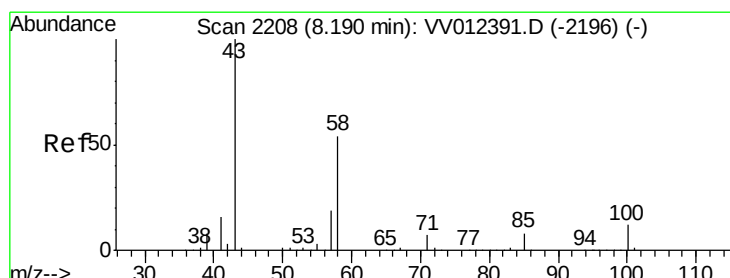
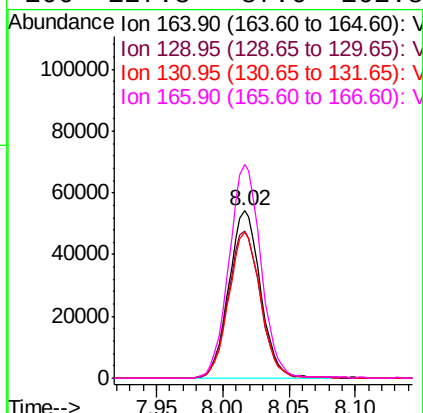
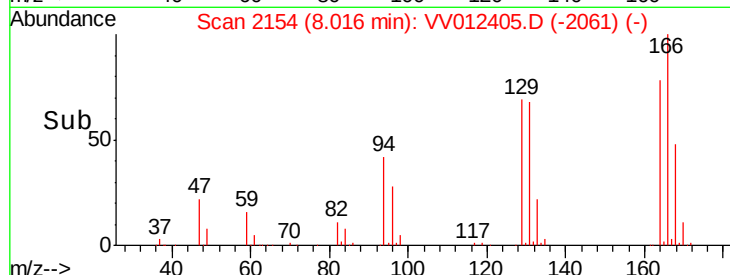


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 3.801 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VV012405.D

Acq: 26 Aug 2019 16:21

Tgt Ion: 43 Resp: 20691

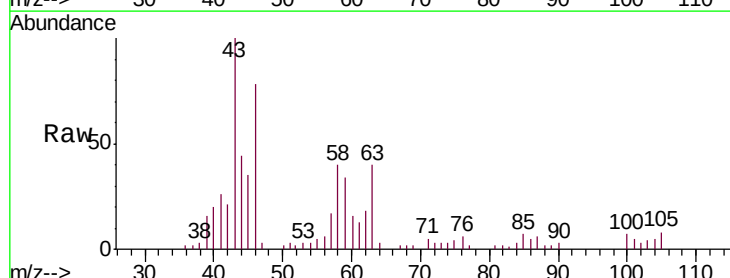
Ion Ratio Lower Upper

43 100

58 34.1 46.3 69.5#

57 10.7 14.9 22.3#

100 6.7 9.7 14.5#

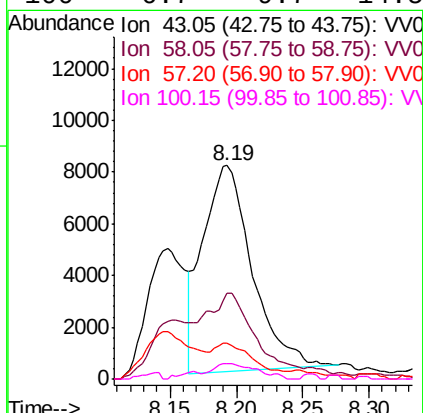
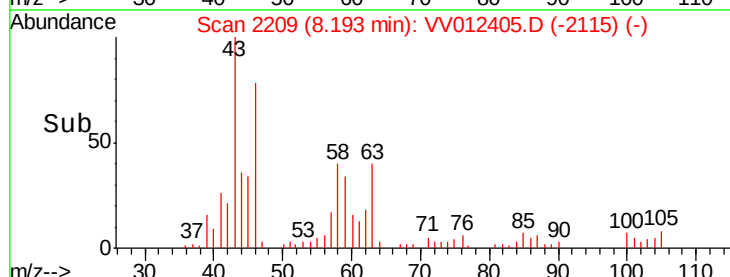


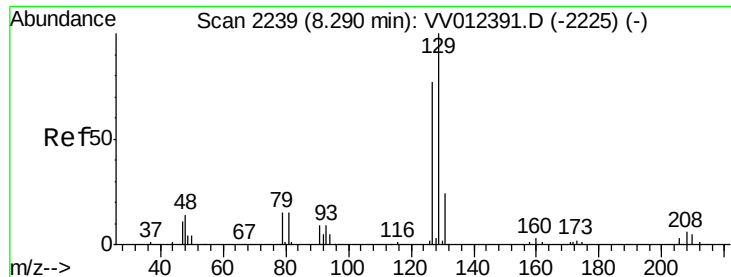
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#49
 Dibromochloromethane
 Concen: 6.880 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.27 min
 Lab File: VV012405.D
 Acq: 26 Aug 2019 16:21

Instrument :
 MSVOA_V
 ClientSampleId :
 GANK8DL

Tgt Ion:129 Resp: 75222
 Ion Ratio Lower Upper
 129 100
 127 0.2 53.8 99.8#

