

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090619\
 Data File : VV012593.D
 Acq On : 06 Sep 2019 11:56
 Operator : SY/MD
 Sample : K4685-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD81

Quant Time: Sep 06 12:21:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 06 03:49:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	139142	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	147164	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49987	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61441	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	61141	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.13	63	99066	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	3.97	46	165762	65.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.64%#
24) Chloroform-d	4.40	84	101402	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.08	65	61475	5.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.00%
32) Benzene-d6	5.10	84	183069	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.12	67	62992	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.36	98	141536	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.67	79	18264	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.14	63	83906	52.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45102	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	48198	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

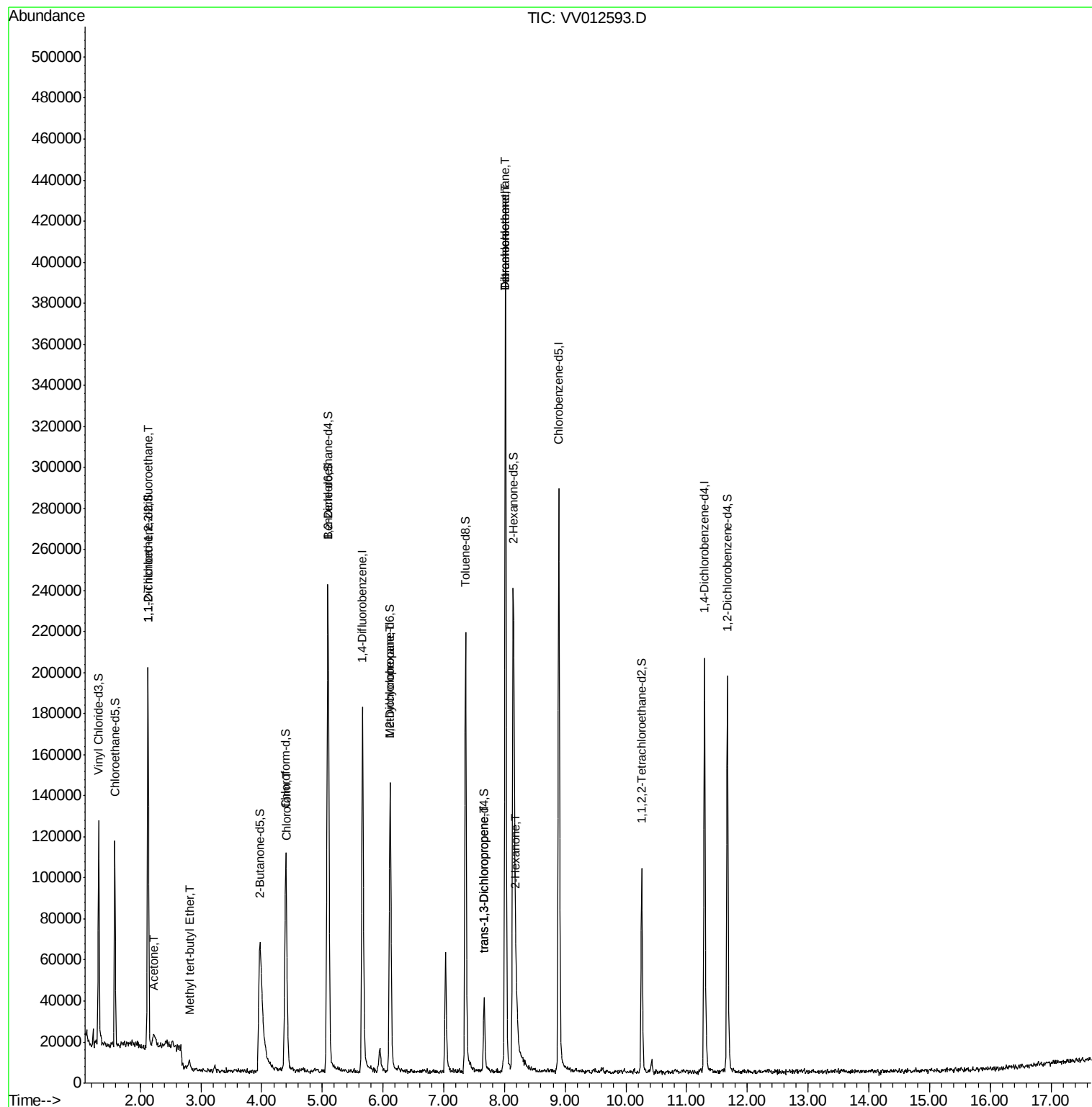
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1305	0.075	ug/L #	26
13) Acetone	2.22	43	6381	2.073	ug/L	72
17) Methyl tert-butyl Ether	2.81	73	3985	0.149	ug/L #	89
25) Chloroform	4.42	83	4555	0.166	ug/L	97
35) Methylcyclohexane	6.12	83	15343	0.692	ug/L #	16
44) trans-1,3-Dichloropropene	7.67	75	909	0.065	ug/L #	42
47) Tetrachloroethene	8.02	164	85138	7.869	ug/L	99
48) 2-Hexanone	8.19	43	17244	2.935	ug/L #	89
49) Dibromochloromethane	8.02	129	76649	7.144	ug/L #	12

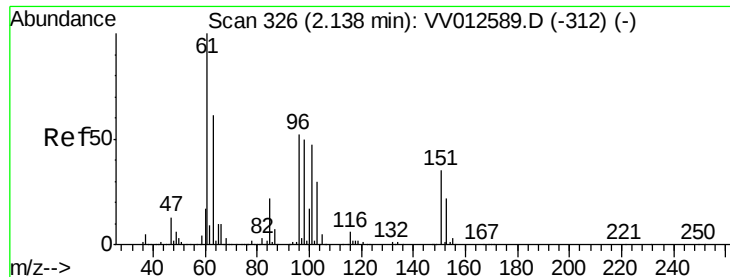
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.075 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012593.D

Acq: 06 Sep 2019 11:56

Instrument :

MSVOA_V

ClientSampleId :

BFD81

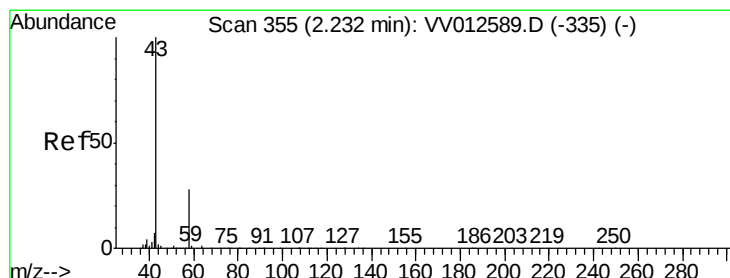
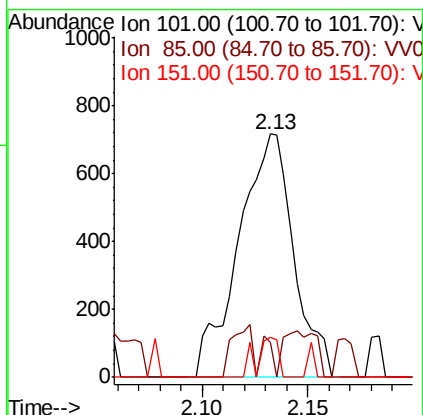
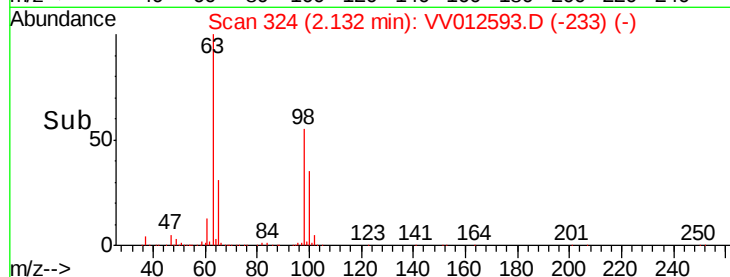
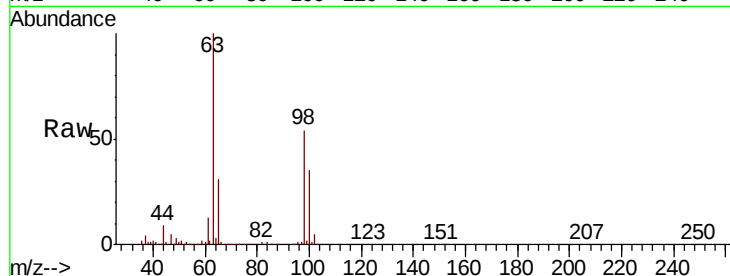
Tgt Ion: 101 Resp: 1305

Ion Ratio Lower Upper

101 100

85 3.3 37.4 56.0#

151 6.4 58.2 87.4#



#13

Acetone

Concen: 2.073 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.01 min

Lab File: VV012593.D

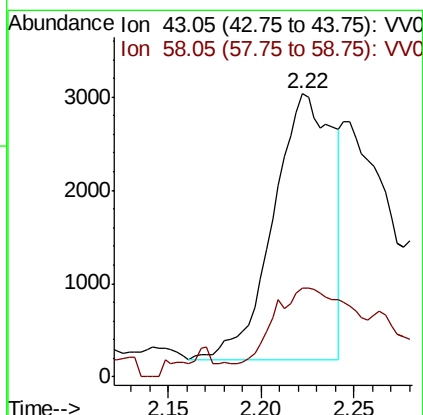
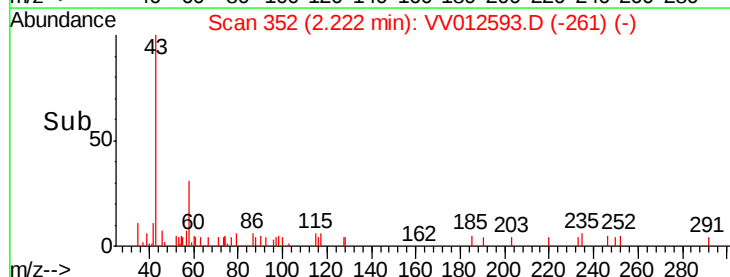
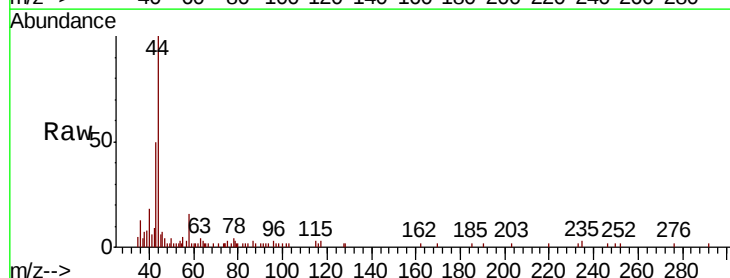
Acq: 06 Sep 2019 11:56

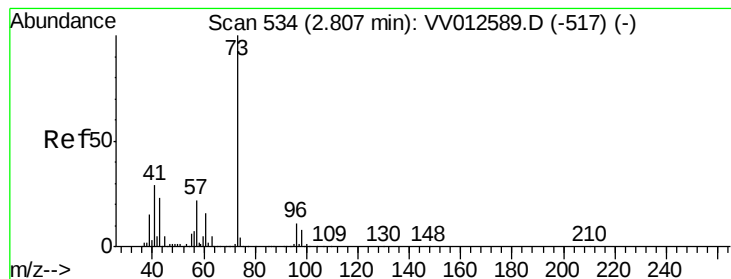
Tgt Ion: 43 Resp: 6381

Ion Ratio Lower Upper

43 100

58 43.2 0.0 57.0





#17

Methyl tert-butyl Ether

Concen: 0.149 ug/L

RT: 2.81 min Scan# 535

Delta R.T. 0.00 min

Lab File: VV012593.D

Acq: 06 Sep 2019 11:56

Instrument :

MSVOA_V

ClientSampleId :

BFD81

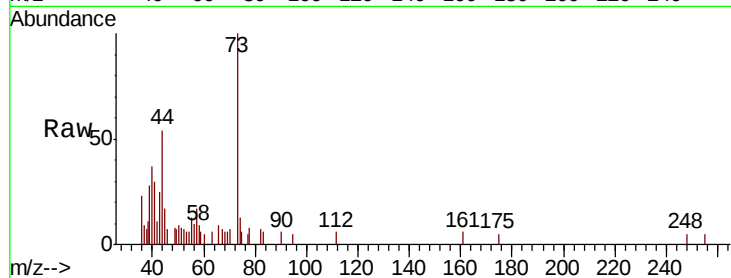
Tgt Ion: 73 Resp: 3985

Ion Ratio Lower Upper

73 100

43 32.0 18.9 28.3#

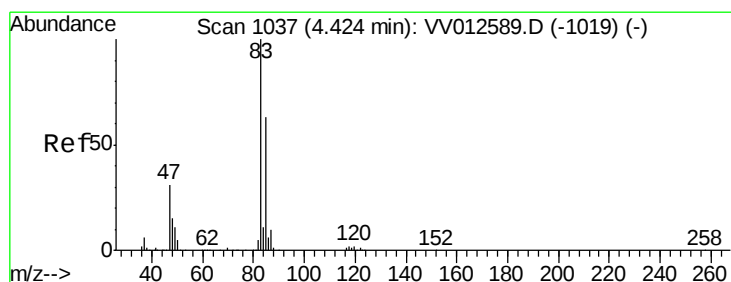
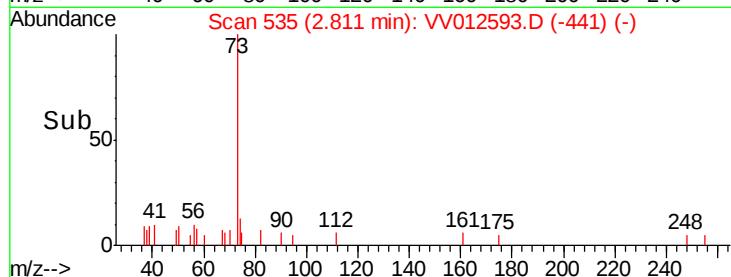
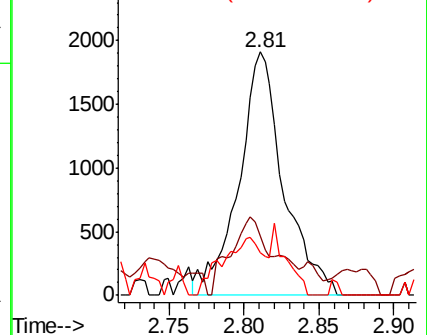
57 21.0 18.9 28.3



Abundance Ion 73.10 (72.80 to 73.80): VV012589.D (-517) (-)

Ion 43.05 (42.75 to 43.75): VV012589.D (-517) (-)

Ion 57.10 (56.80 to 57.80): VV012589.D (-517) (-)



#25

Chloroform

Concen: 0.166 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VV012593.D

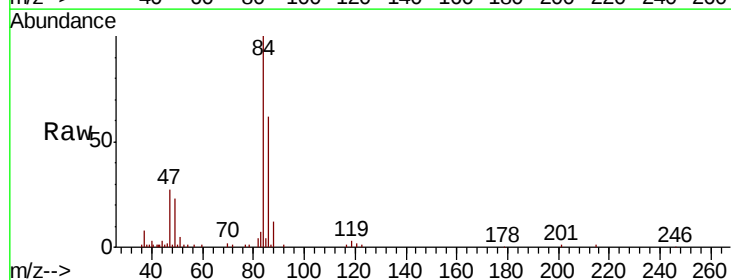
Acq: 06 Sep 2019 11:56

Tgt Ion: 83 Resp: 4555

Ion Ratio Lower Upper

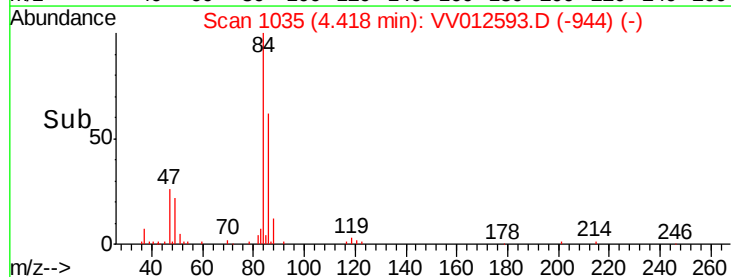
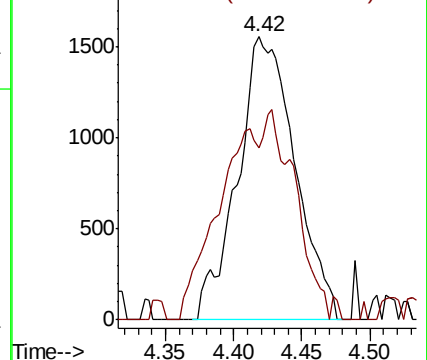
83 100

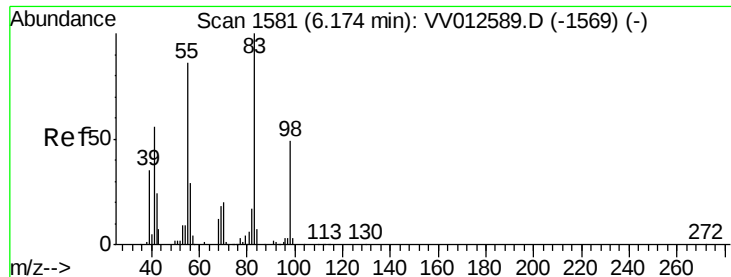
85 60.8 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV012589.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV012589.D (-1019) (-)

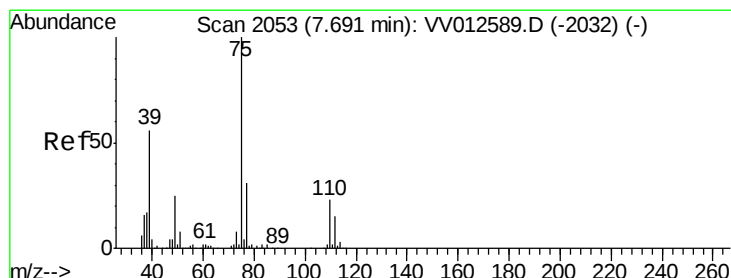
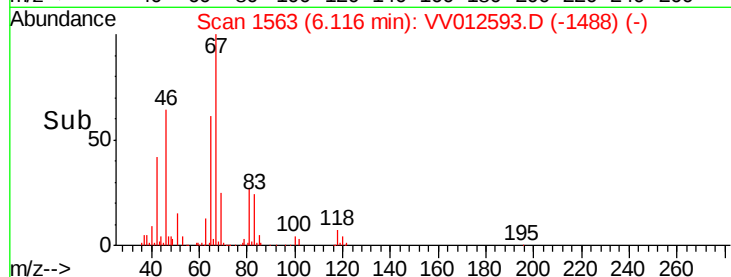
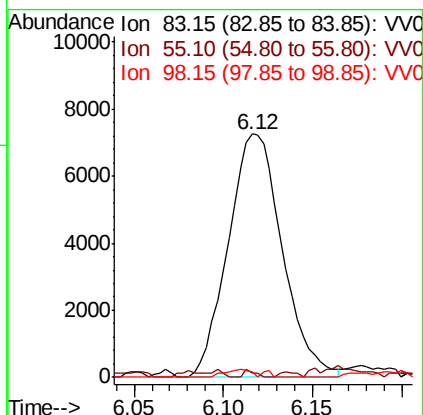
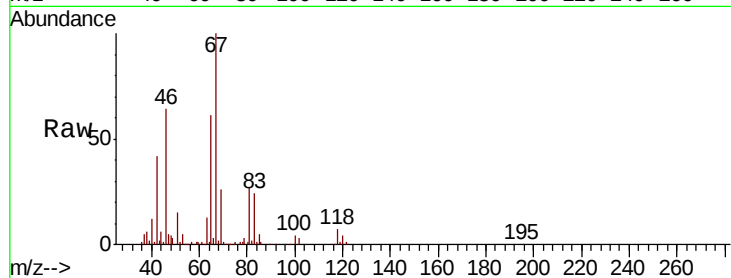




#35
Methylcyclohexane
Concen: 0.692 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012593.D
Acq: 06 Sep 2019 11:56

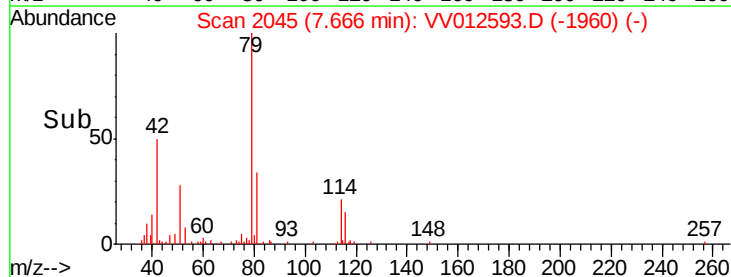
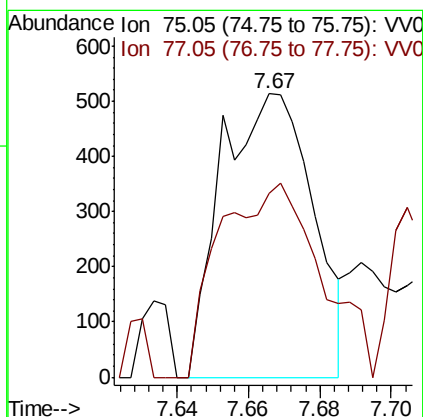
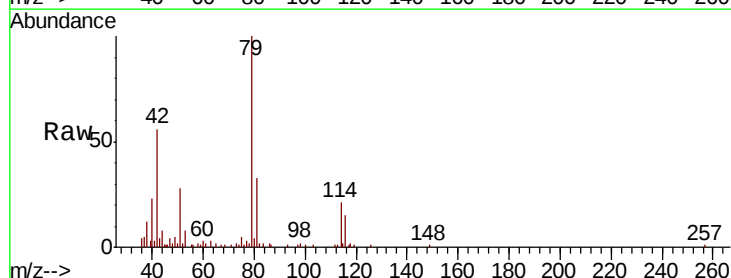
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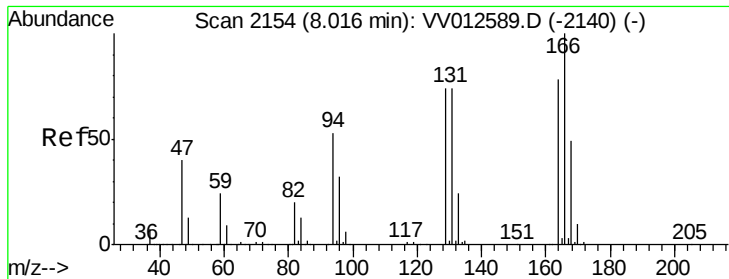
Tgt Ion: 83 Resp: 15343
Ion Ratio Lower Upper
83 100
55 0.6 69.0 103.6#
98 1.5 38.0 57.0#



#44
trans-1,3-Dichloropropene
Concen: 0.065 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV012593.D
Acq: 06 Sep 2019 11:56

Tgt Ion: 75 Resp: 909
Ion Ratio Lower Upper
75 100
77 64.7 22.5 41.7#





#47

Tetrachloroethene

Concen: 7.869 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012593.D

Acq: 06 Sep 2019 11:56

Instrument :
MSVOA_V
ClientSampleId :
BFD81

Tgt Ion:164 Resp: 85138

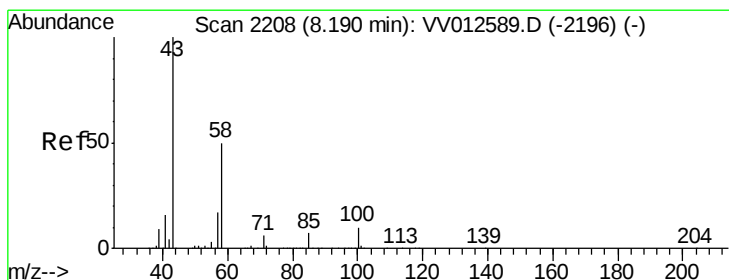
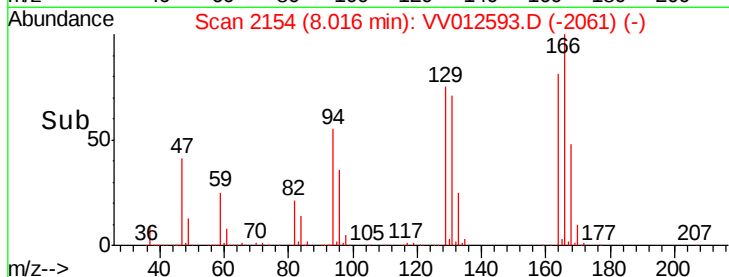
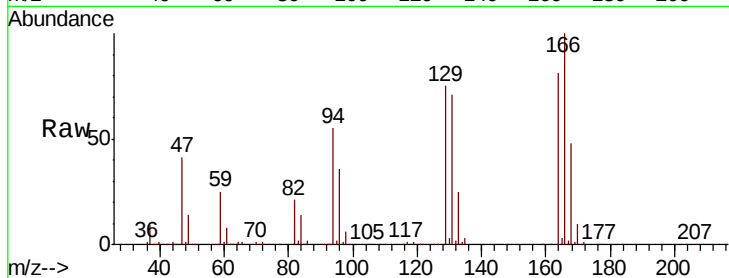
Ion Ratio Lower Upper

164 100

129 92.3 65.0 120.6

131 87.8 62.0 115.2

166 123.3 87.0 161.6



#48

2-Hexanone

Concen: 2.935 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VV012593.D

Acq: 06 Sep 2019 11:56

Tgt Ion: 43 Resp: 17244

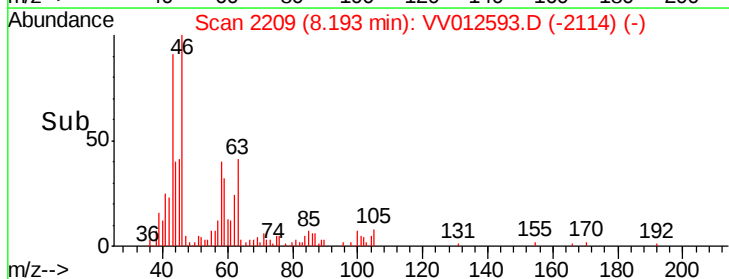
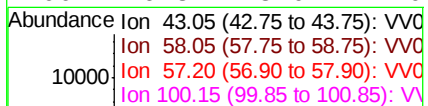
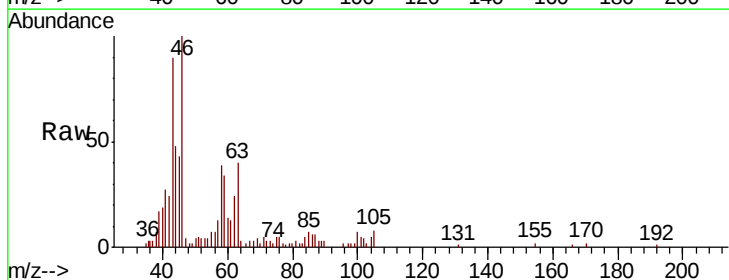
Ion Ratio Lower Upper

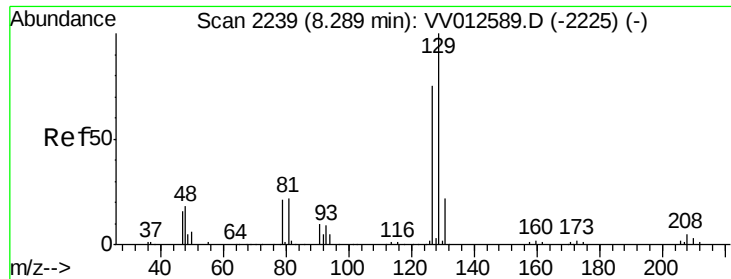
43 100

58 47.0 39.3 58.9

57 0.0 12.9 19.3#

100 6.3 8.0 12.0#





#49

Dibromochloromethane

Concen: 7.144 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV012593.D

Acq: 06 Sep 2019 11:56

Instrument :

MSVOA_V

ClientSampleId :

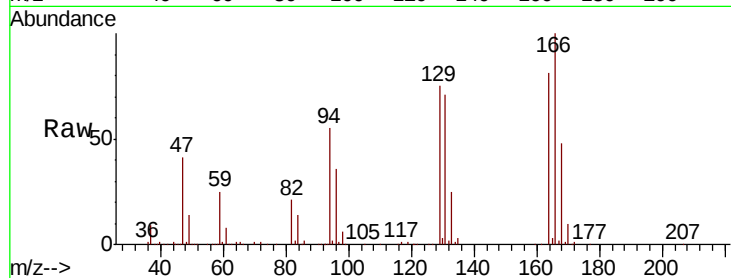
BFD81

Tgt Ion:129 Resp: 76649

Ion Ratio Lower Upper

129 100

127 0.0 53.0 98.4#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

