

Data File : VV012549.D
Acq On : 03 Sep 2019 15:50
Operator : SY/MD
Sample : K4607-11DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD67DL

Quant Time: Sep 04 02:14:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 04 02:10:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	115016	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	118754	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	42433	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64390	5.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.20%
7) Chloroethane-d5	1.58	69	72030	6.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	130.40%#
11) 1,1-Dichloroethene-d2	2.13	63	115516	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	3.93	46	121167	56.92	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.84%
24) Chloroform-d	4.40	84	99320	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.60%
26) 1,2-Dichloroethane-d4	5.08	65	59679	6.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	134.00%#
32) Benzene-d6	5.10	84	204735	6.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.40%
36) 1,2-Dichloropropane-d6	6.12	67	68754	6.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	130.80%
41) Toluene-d8	7.36	98	163840	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
43) trans-1,3-Dichloropropene-	7.66	79	20968	5.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.20%
46) 2-Hexanone-d5	8.13	63	85562	59.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48837	6.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	131.40%#
64) 1,2-Dichlorobenzene-d4	11.67	152	55252	7.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	141.80%#

Target Compounds

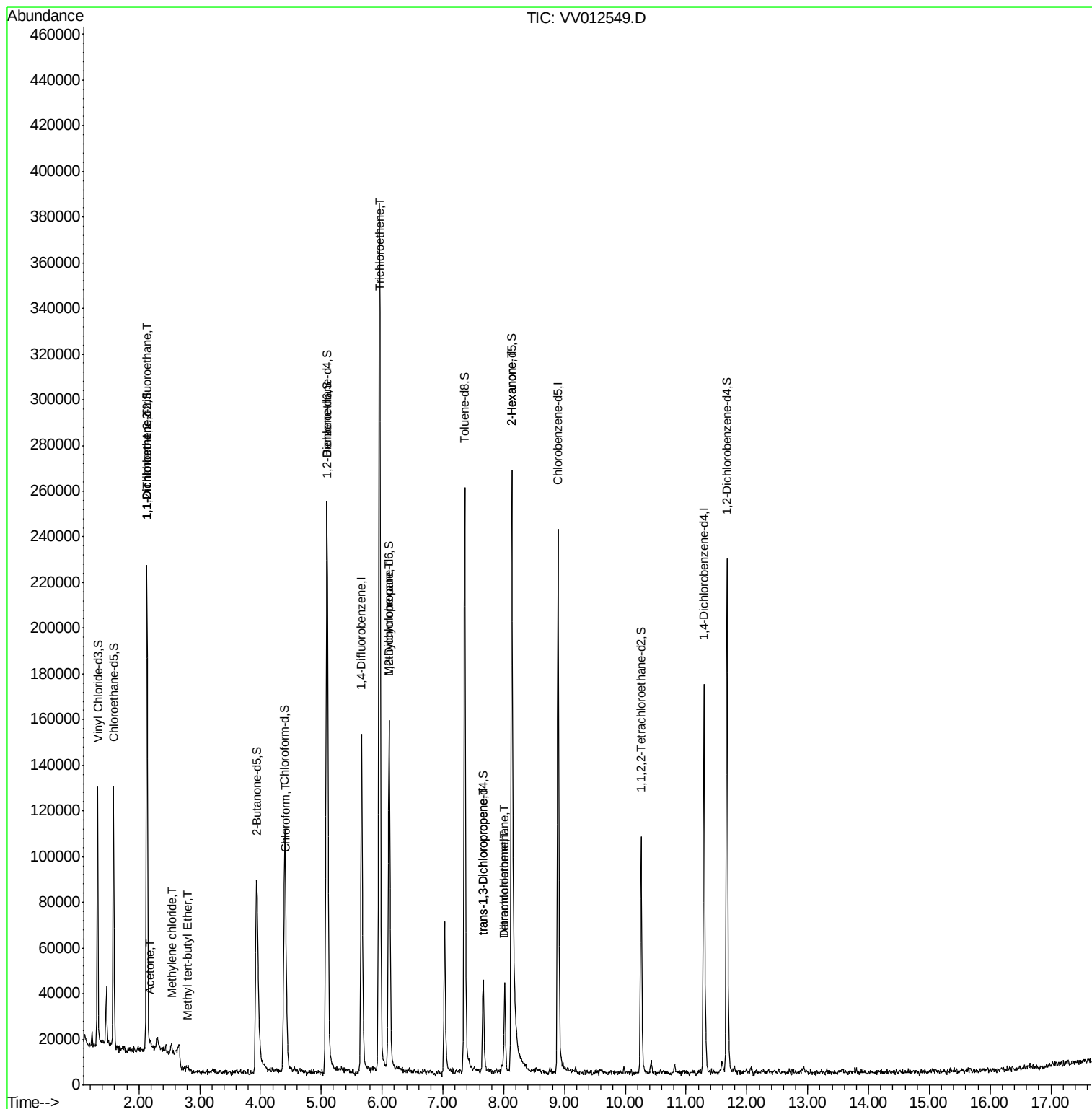
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1176	0.073 ug/L #	24
12) 1,1-Dichloroethene	2.14	96	1470	0.099 ug/L #	1
13) Acetone	2.19	43	4446	1.472 ug/L	92
16) Methylene chloride	2.54	84	1967	0.115 ug/L	90
17) Methyl tert-butyl Ether	2.81	73	1585	0.063 ug/L #	76
25) Chloroform	4.42	83	15764	0.657 ug/L	97
34) Trichloroethene	5.96	95	126815	9.387 ug/L	99
35) Methylcyclohexane	6.12	83	15949	0.777 ug/L #	16
44) trans-1,3-Dichloropropene	7.66	75	1207	0.090 ug/L #	44
47) Tetrachloroethene	8.02	164	8058	0.825 ug/L	96
48) 2-Hexanone	8.13	43	12820	2.413 ug/L #	79
49) Dibromochloromethane	8.02	129	7148	0.744 ug/L #	10

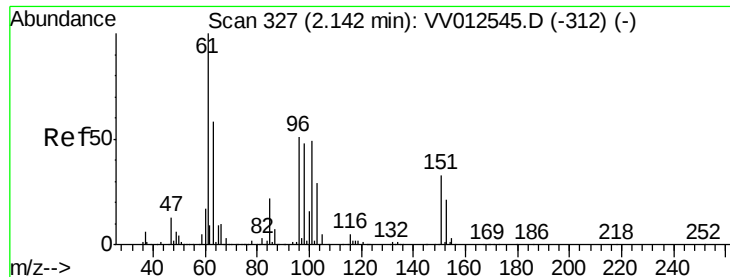
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 04 02:10:17 2019
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: VV012549.D

Acq: 03 Sep 2019 15:50

Instrument :

MSVOA_V

ClientSampleId :

BFD67DL

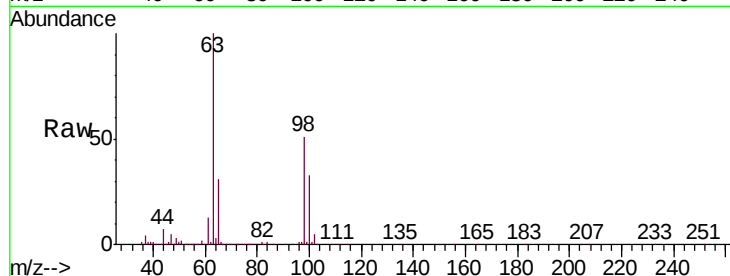
Tgt Ion: 101 Resp: 1176

Ion Ratio Lower Upper

101 100

85 1.7 37.4 56.0#

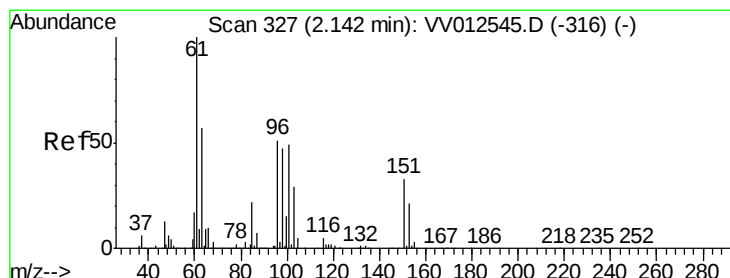
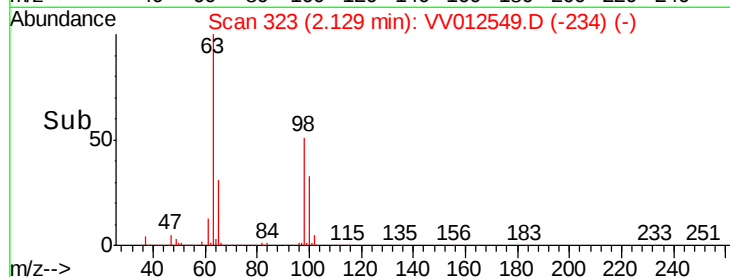
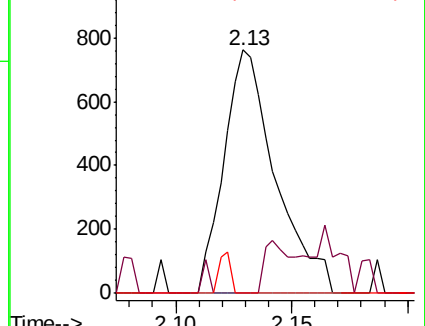
151 3.9 56.7 85.1#



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



#12

1,1-Dichloroethene

Concen: 0.099 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV012549.D

Acq: 03 Sep 2019 15:50

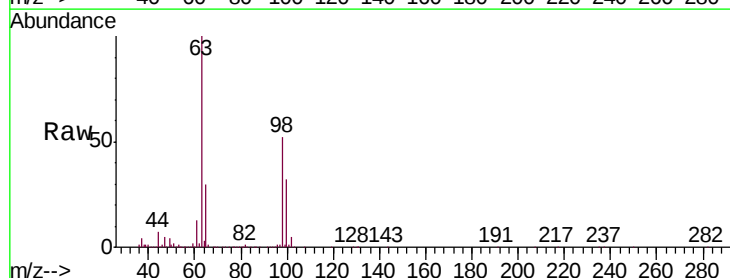
Tgt Ion: 96 Resp: 1470

Ion Ratio Lower Upper

96 100

61 1111.4 133.7 248.3#

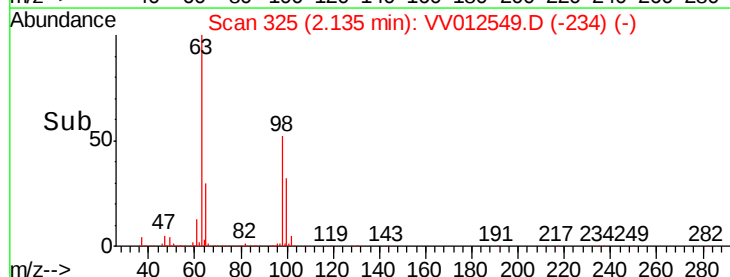
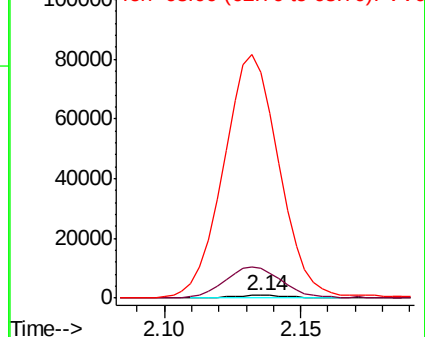
63 8467.8 83.2 154.6#

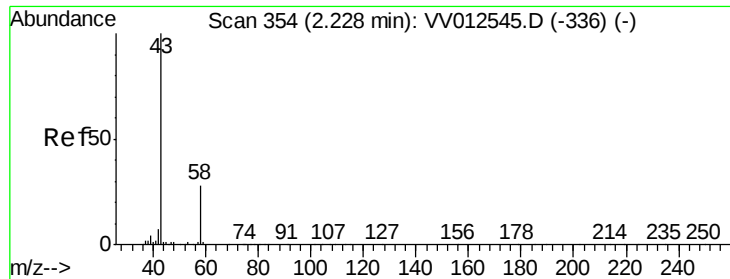


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.472 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

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Instrument :

MSVOA_V

ClientSampleId :

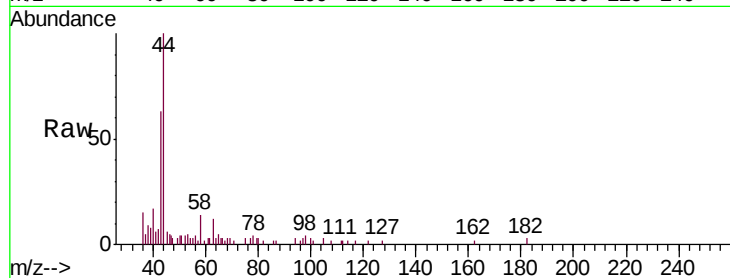
BFD67DL

Tgt Ion: 43 Resp: 4446

Ion Ratio Lower Upper

43 100

58 33.5 0.0 58.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

3000

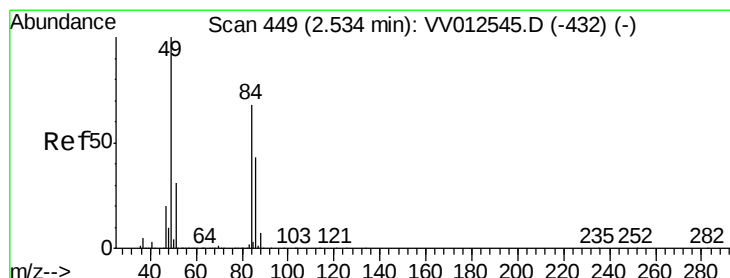
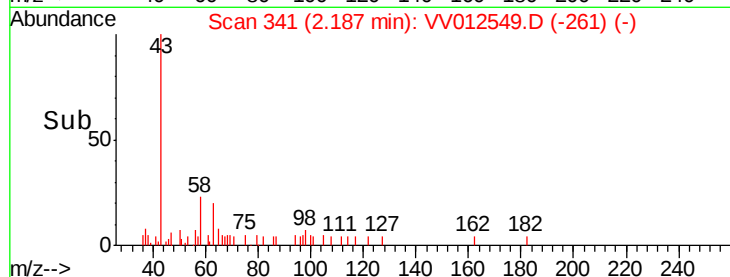
2000

1000

0

Time-->

2.15 2.20



#16

Methylene chloride

Concen: 0.115 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV012549.D

Acq: 03 Sep 2019 15:50

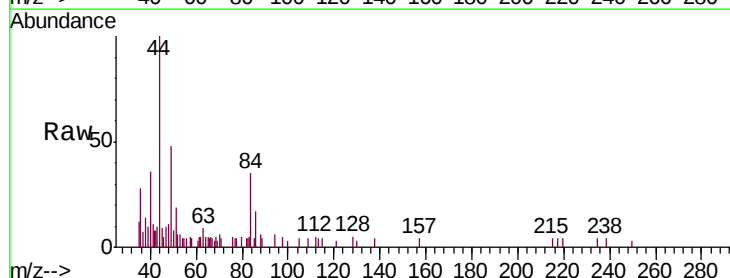
Tgt Ion: 84 Resp: 1967

Ion Ratio Lower Upper

84 100

86 49.4 45.2 84.0

49 136.7 100.4 186.4



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

1500

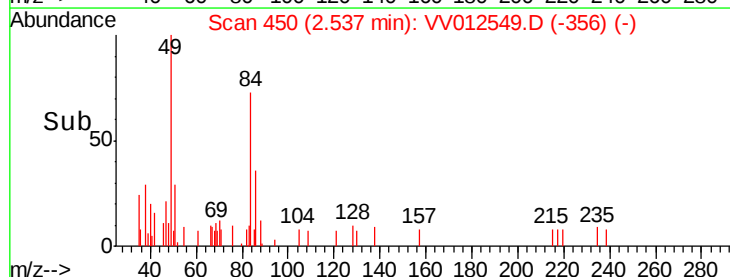
1000

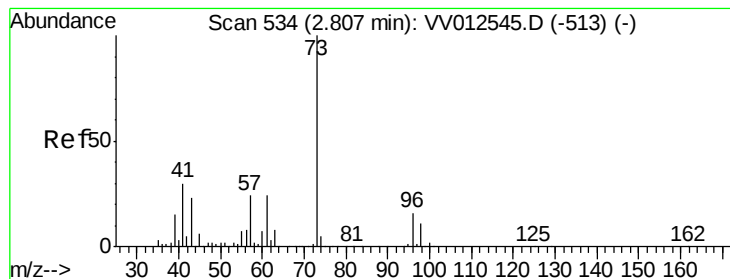
500

0

Time-->

2.45 2.50 2.55





#17

Methyl tert-butyl Ether

Concen: 0.063 ug/L

RT: 2.81 min Scan# 535

Delta R.T. 0.00 min

Lab File: VV012549.D

Acq: 03 Sep 2019 15:50

Instrument :

MSVOA_V

ClientSampleId :

BFD67DL

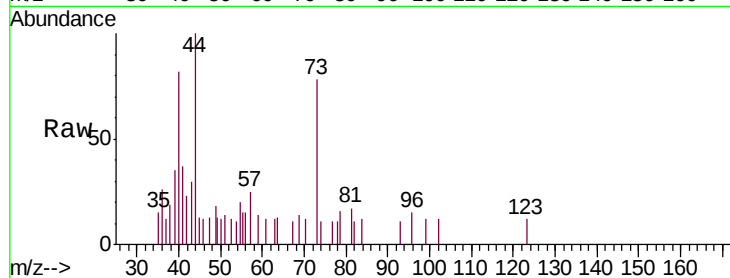
Tgt Ion: 73 Resp: 1585

Ion Ratio Lower Upper

73 100

43 15.1 18.9 28.3#

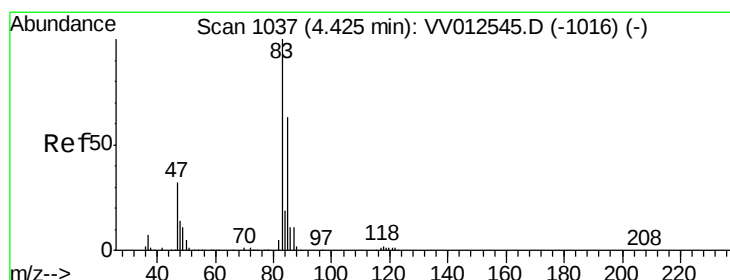
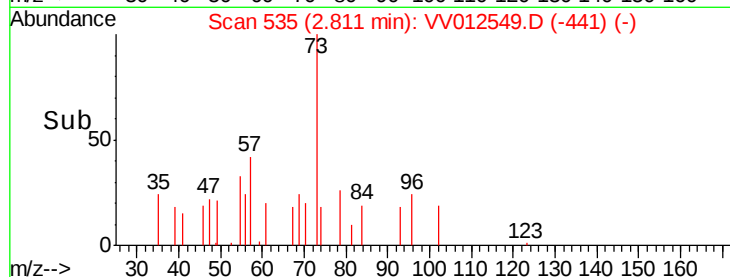
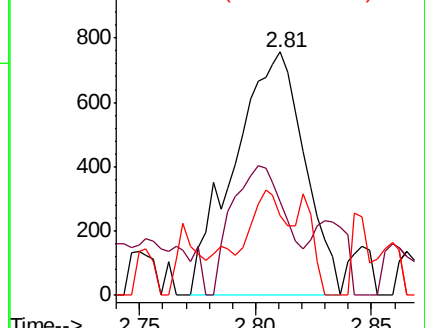
57 8.2 18.3 27.5#



Abundance Ion 73.10 (72.80 to 73.80): VV012545.D (-513) (-)

Ion 43.05 (42.75 to 43.75): VV012545.D (-513) (-)

Ion 57.10 (56.80 to 57.80): VV012545.D (-513) (-)



#25

Chloroform

Concen: 0.657 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV012549.D

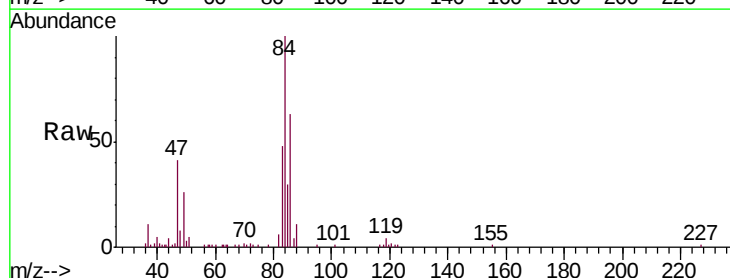
Acq: 03 Sep 2019 15:50

Tgt Ion: 83 Resp: 15764

Ion Ratio Lower Upper

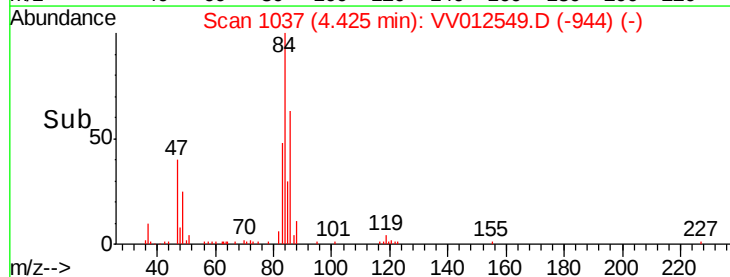
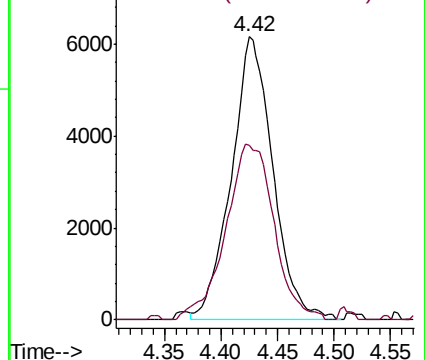
83 100

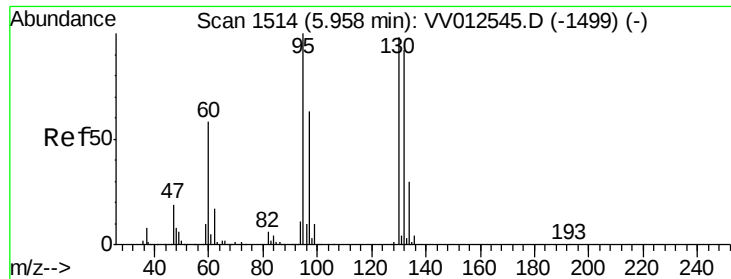
85 61.9 45.1 83.9



Abundance Ion 83.05 (82.75 to 83.75): VV012545.D (-1016) (-)

Ion 85.00 (84.70 to 85.70): VV012545.D (-1016) (-)

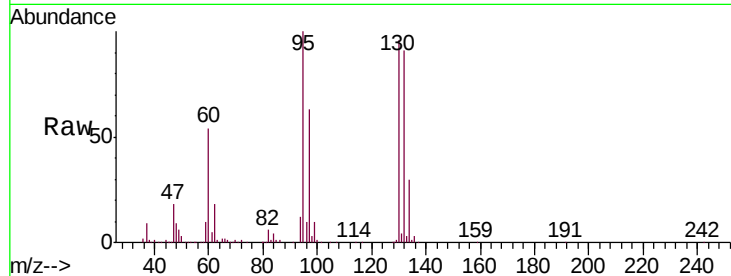




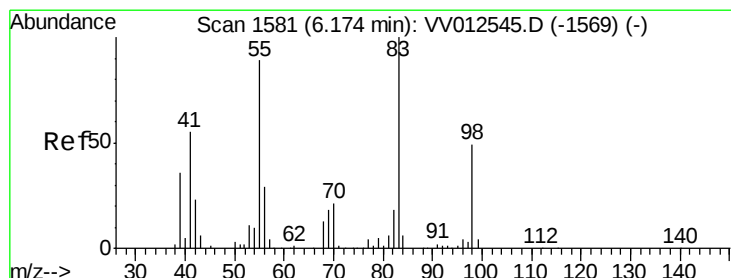
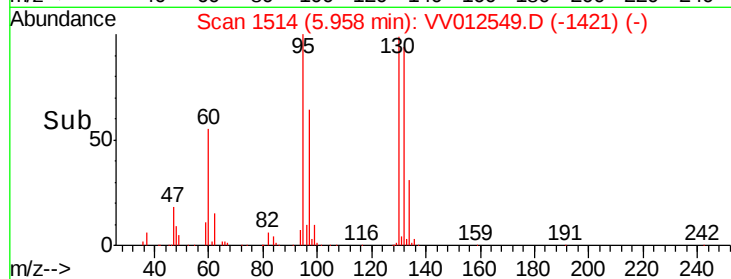
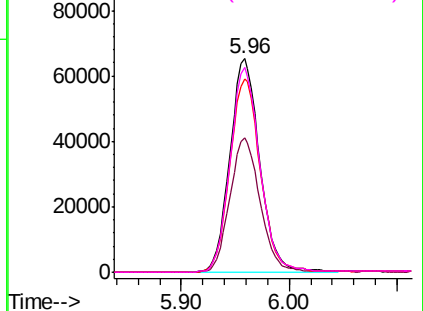
#34
 Trichloroethene
 Concen: 9.387 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV012549.D
 Acq: 03 Sep 2019 15:50

Instrument :
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 BFD67DL

Tgt Ion:	95	Resp:	126815
Ion	Ratio	Lower	Upper
95	100		
97	62.7	44.7	83.1
132	90.7	63.8	118.4
130	95.9	66.6	123.6

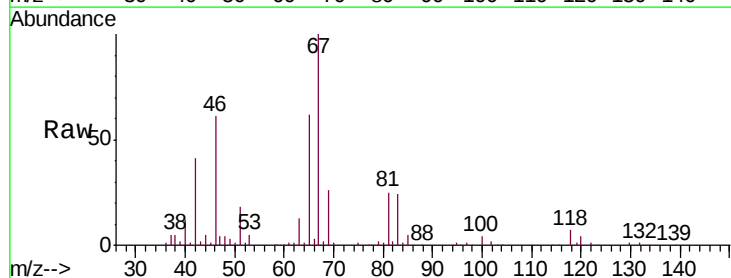


Abundance Ion 95.00 (94.70 to 95.70): VV012549.D (-1421) (-)
 Ion 96.95 (96.65 to 97.65): VV012549.D (-1421) (-)
 Ion 131.95 (131.65 to 132.65): VV012549.D (-1421) (-)
 Ion 129.95 (129.65 to 130.65): VV012549.D (-1421) (-)

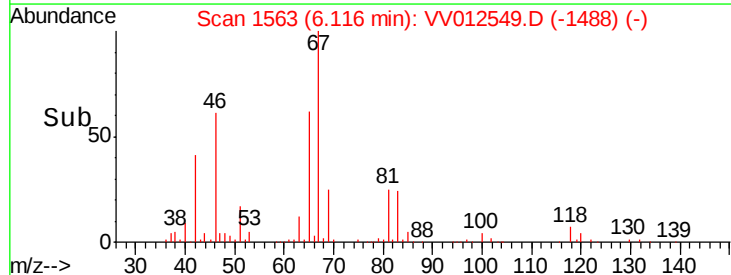
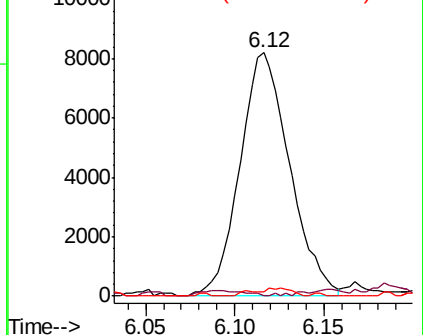


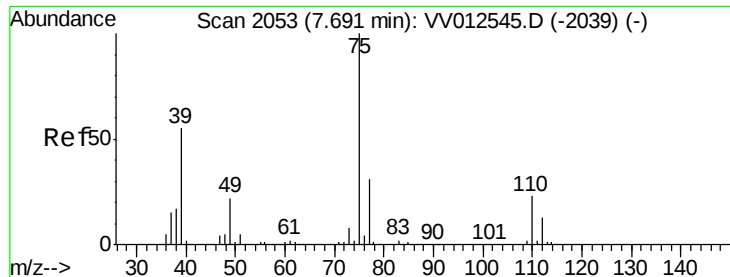
#35
 Methylcyclohexane
 Concen: 0.777 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV012549.D
 Acq: 03 Sep 2019 15:50

Tgt Ion:	83	Resp:	15949
Ion	Ratio	Lower	Upper
83	100		
55	0.1	67.3	100.9#
98	1.7	37.4	56.2#



Abundance Ion 83.15 (82.85 to 83.85): VV012549.D (-1488) (-)
 Ion 55.10 (54.80 to 55.80): VV012549.D (-1488) (-)
 Ion 98.15 (97.85 to 98.85): VV012549.D (-1488) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV012549.D

Acq: 03 Sep 2019 15:50

Instrument :

MSVOA_V

ClientSampleId :

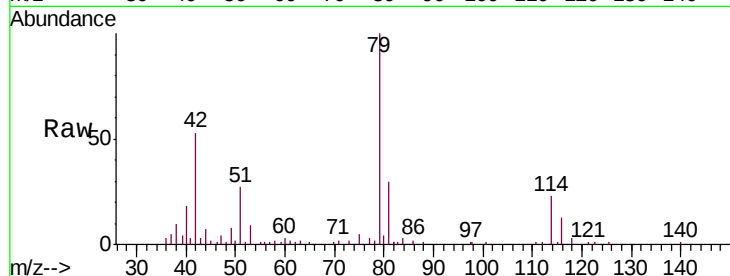
BFD67DL

Tgt Ion: 75 Resp: 1207

Ion Ratio Lower Upper

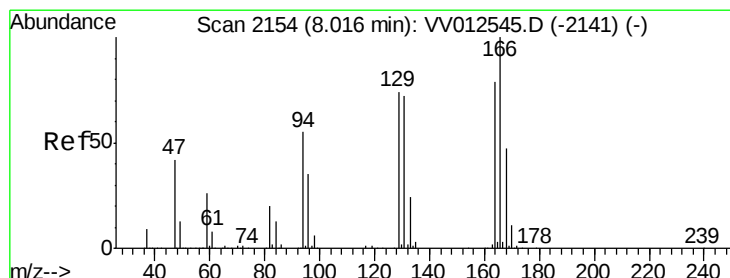
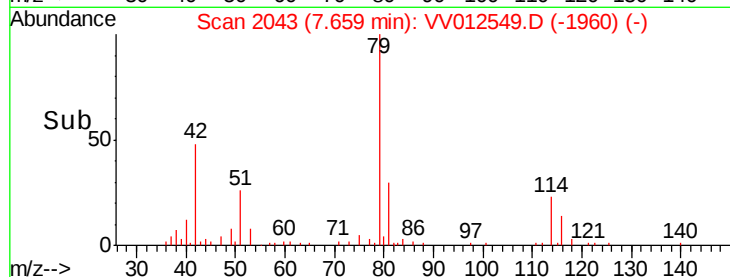
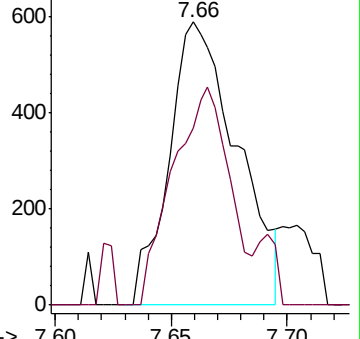
75 100

77 62.7 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#47

Tetrachloroethene

Concen: 0.825 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012549.D

Acq: 03 Sep 2019 15:50

Tgt Ion: 164 Resp: 8058

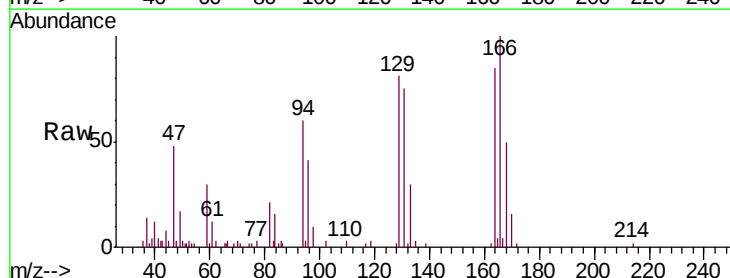
Ion Ratio Lower Upper

164 100

129 95.2 64.5 119.9

131 87.4 62.3 115.7

166 117.0 86.5 160.6

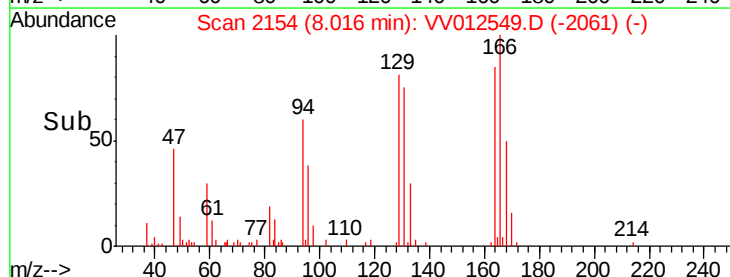
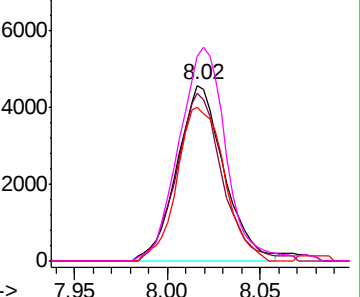


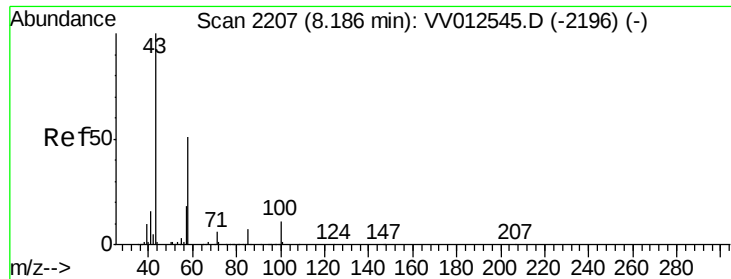
Abundance Ion 163.90 (163.60 to 164.60): V

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

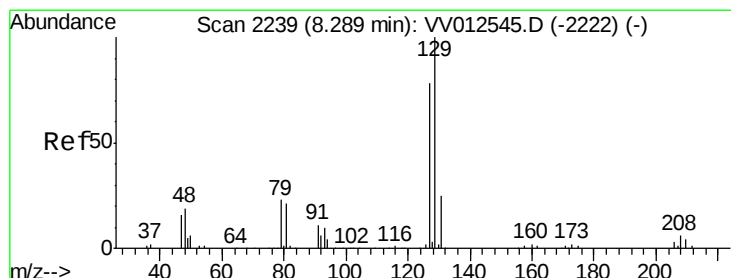
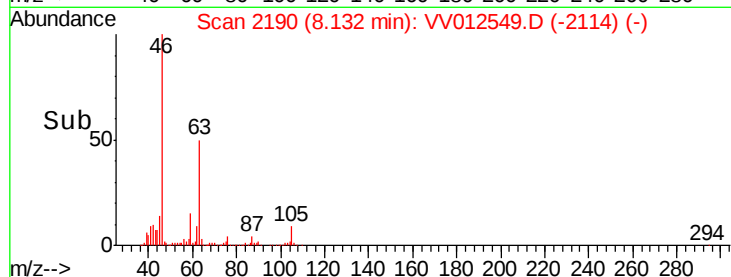
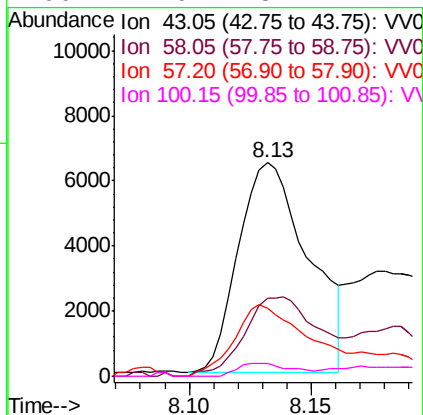
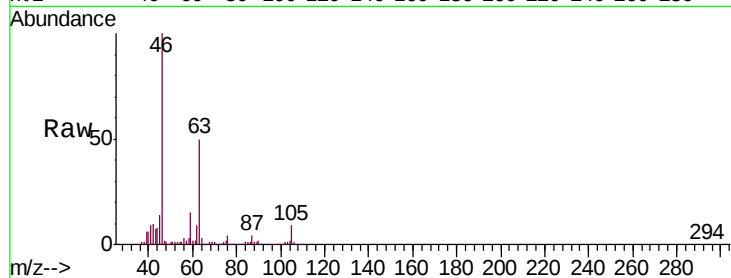




#48
2-Hexanone
Concen: 2.413 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV012549.D
Acq: 03 Sep 2019 15:50

Instrument :
MSVOA_V
ClientSampleId :
BFD67DL

Tgt Ion:	43	Resp:	12820
Ion	Ratio	Lower	Upper
43	100		
58	41.0	40.0	60.0
57	37.0	13.4	20.2#
100	4.9	8.2	12.2#



#49
Dibromochloromethane
Concen: 0.744 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012549.D
Acq: 03 Sep 2019 15:50

Tgt Ion:	129	Resp:	7148
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.9	102.1#

