

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017137.D
 Acq On : 25 Jun 2020 19:11
 Operator : SY/MD
 Sample : L3106-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXM9

Quant Time: Jun 26 01:37:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 01:31:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	163620	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	161474	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73555	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49800	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.58	69	38223	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.12	63	72092	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	3.95	46	116502	46.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.10%
24) Chloroform-d	4.38	84	106980	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.06	65	57495	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.07	84	195331	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.10	67	57049	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.34	98	170385	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
45) trans-1,3-Dichloropropene-	7.64	79	21677	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
48) 2-Hexanone-d5	8.11	63	83824	42.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.24%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39418	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	67171	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

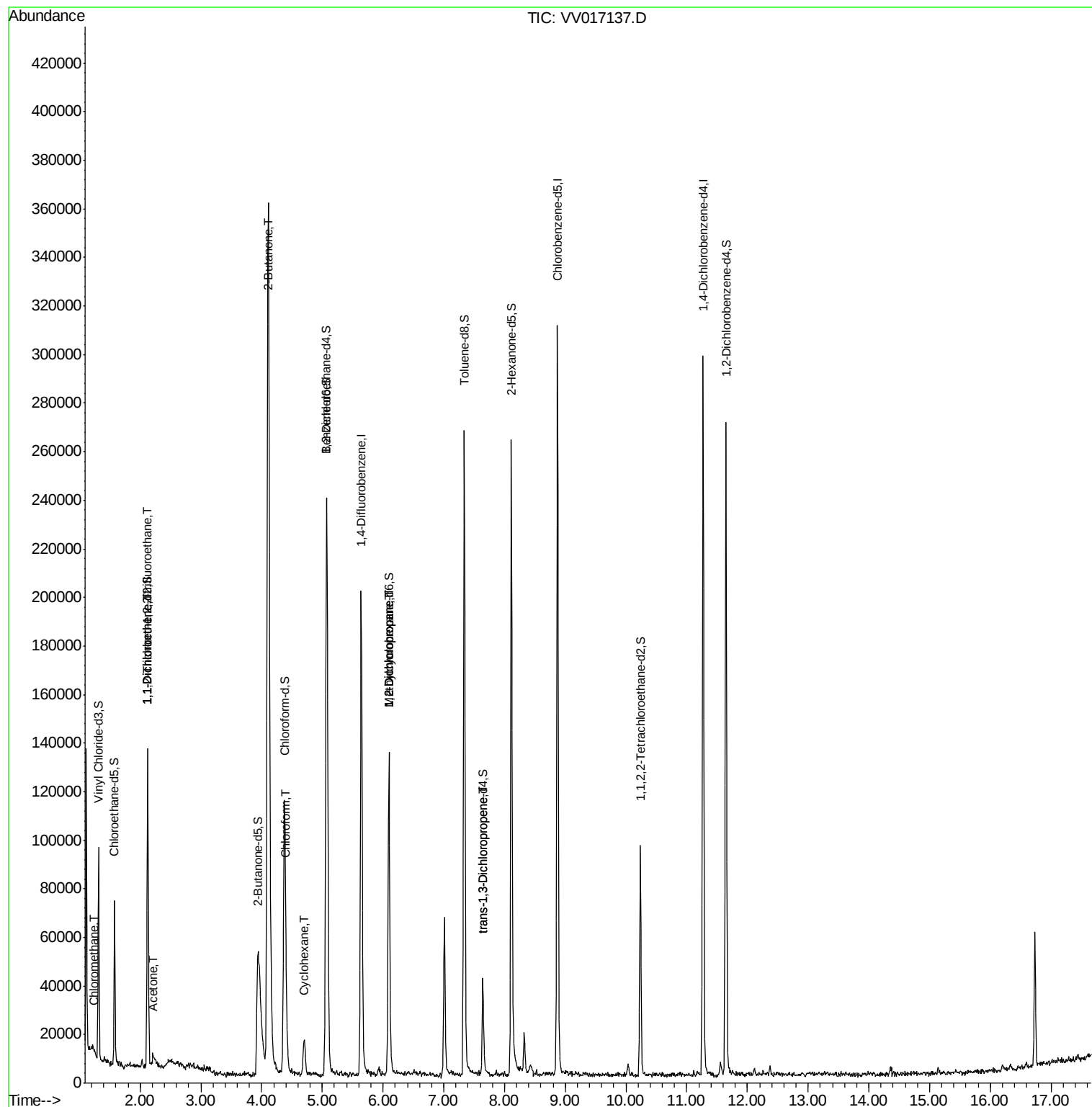
					Ovalue
3) Chloromethane	1.25	50	775	0.070 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	789	0.091 ug/L #	21
12) 1,1-Dichloroethene	2.12	96	657	0.084 ug/L #	1
13) Acetone	2.22	43	7235	5.719 ug/L	47
21) 2-Butanone	4.11	43	620362	260.119 ug/L #	50
25) Chloroform	4.41	83	12860	0.630 ug/L	87
30) Cyclohexane	4.70	56	7424	0.403 ug/L	97
35) Methylcyclohexane	6.09	83	14633	0.760 ug/L #	19
37) 1,2-Dichloropropane	6.10	63	7607	0.727 ug/L #	84
46) trans-1,3-Dichloropropene	7.64	75	1245	0.093 ug/L #	53

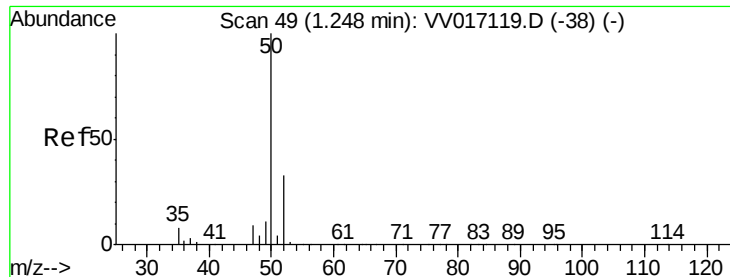
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.070 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV017137.D

Acq: 25 Jun 2020 19:11

Instrument :

MSVOA_V

ClientSampleId :

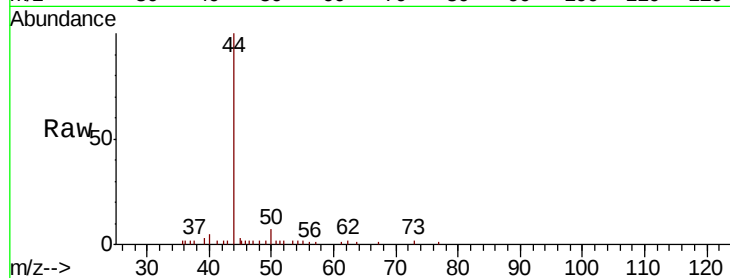
BFXM9

Tot Ion: 50 Resp: 775

Ion Ratio Lower Upper

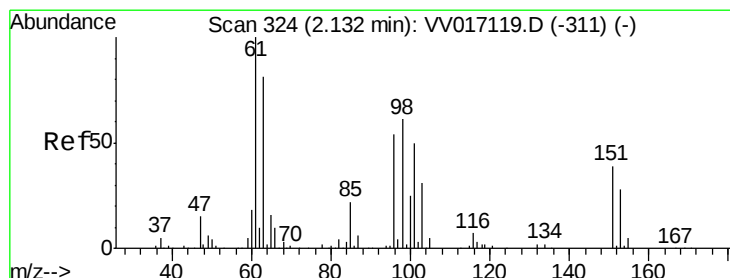
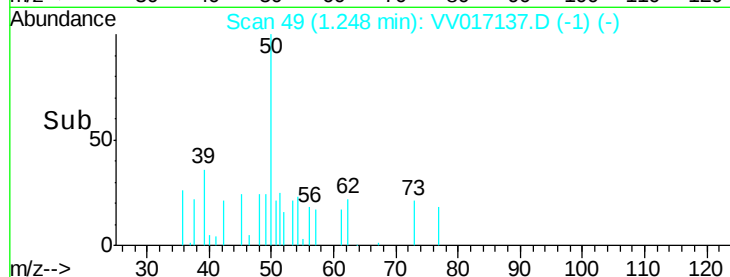
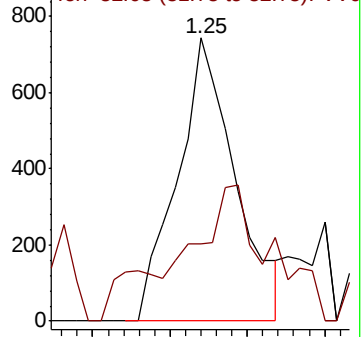
50 100

52 27.5 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#10

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

Concen: 0.091 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017137.D

Acq: 25 Jun 2020 19:11

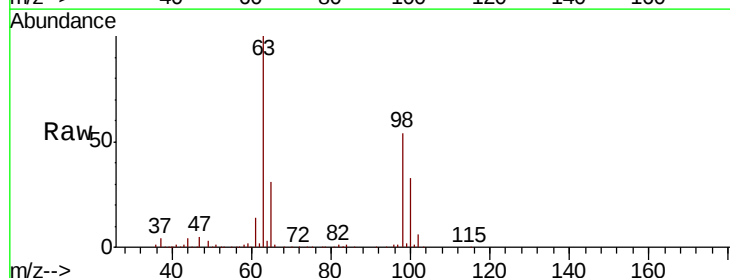
Tgt Ion: 101 Resp: 789

Ion Ratio Lower Upper

101 100

85 6.2 35.4 53.2#

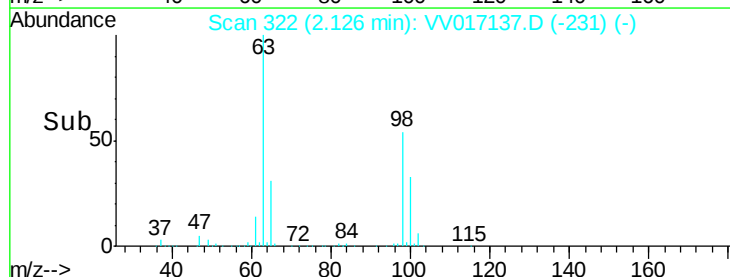
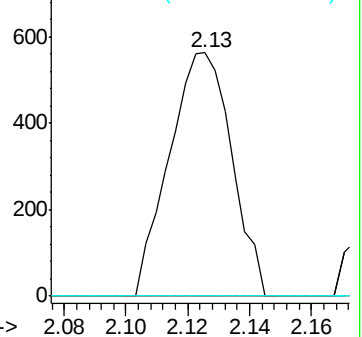
151 0.0 63.9 95.9#

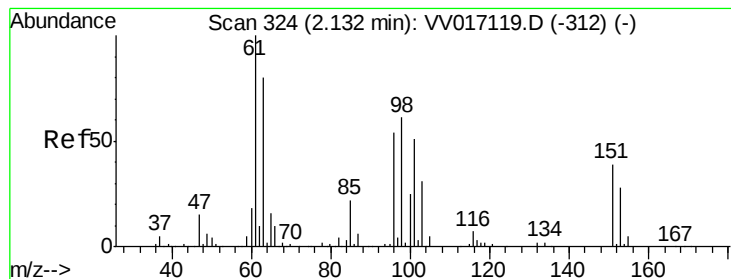


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.084 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017137.D

Acq: 25 Jun 2020 19:11

Instrument :

MSVOA_V

ClientSampleId :

BFXM9

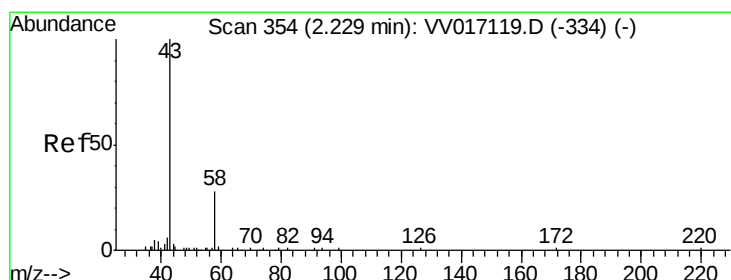
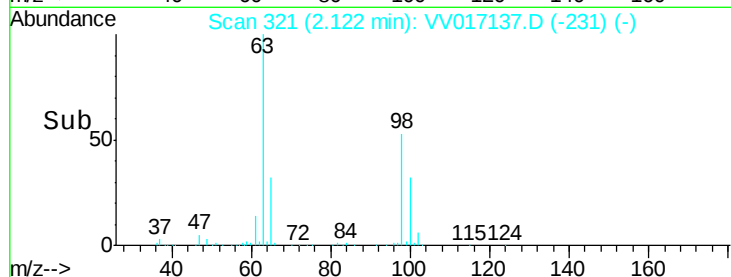
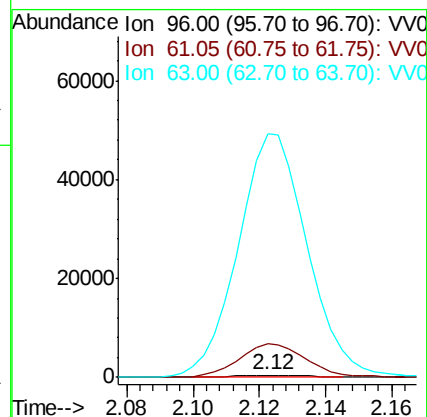
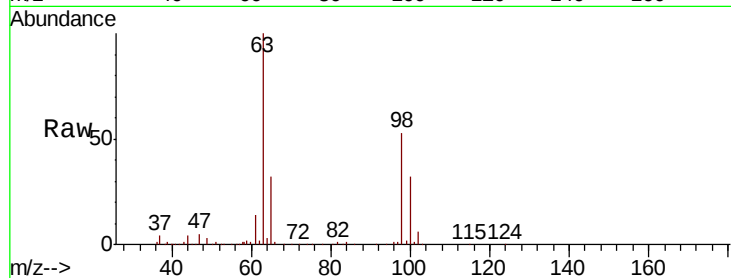
Tot Ion: 96 Resp: 657

Ion Ratio Lower Upper

96 100

61 1528.6 125.0 232.2#

63 11091.9 109.8 203.8#



#13

Acetone

Concen: 5.719 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.01 min

Lab File: VV017137.D

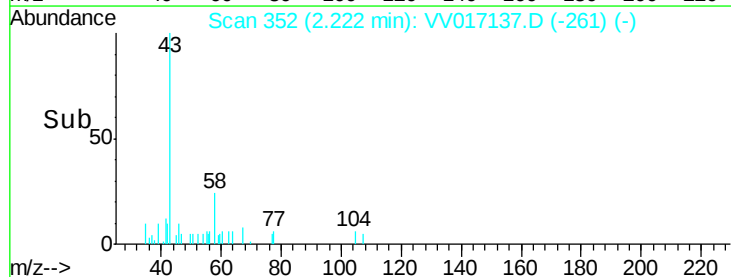
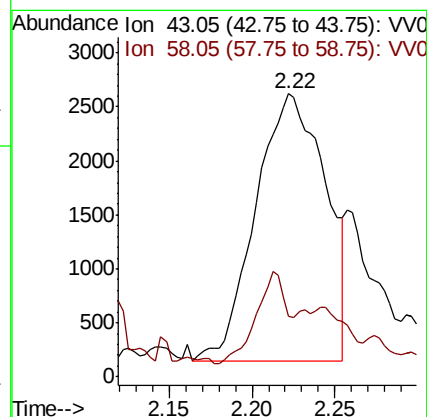
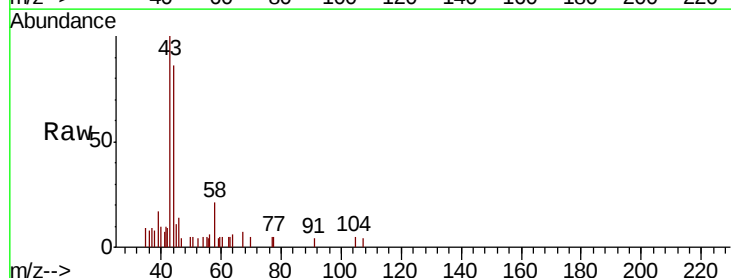
Acq: 25 Jun 2020 19:11

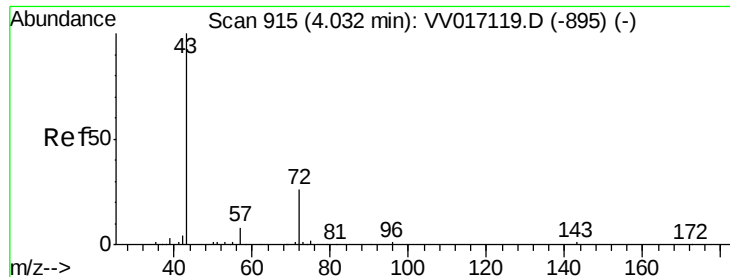
Tgt Ion: 43 Resp: 7235

Ion Ratio Lower Upper

43 100

58 0.6 0.0 58.4

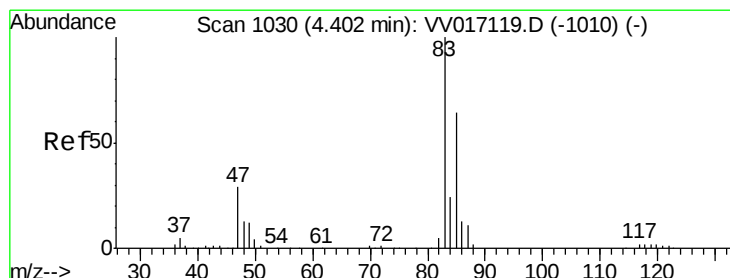
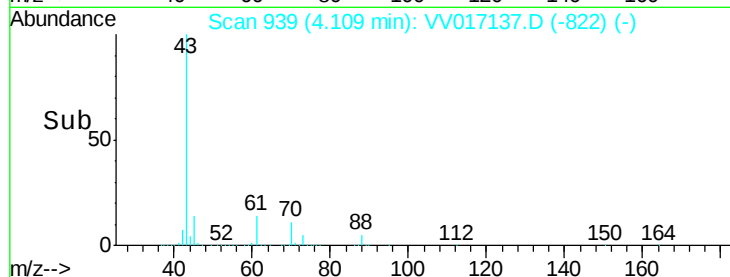
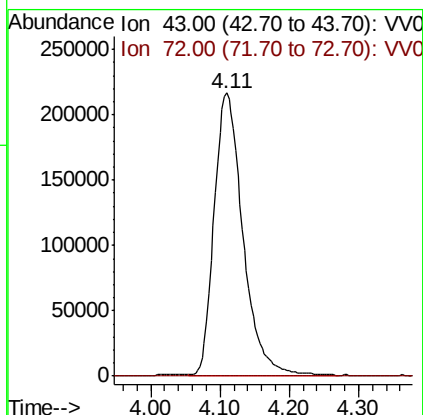
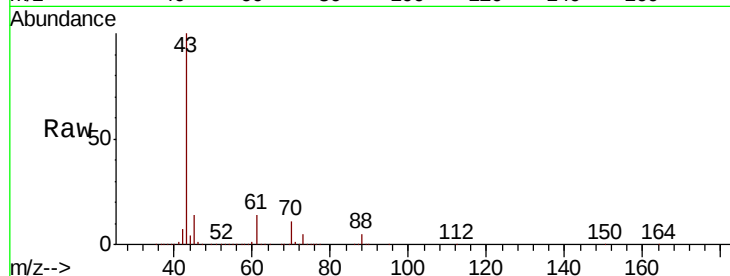




#21
 2-Butanone
 Concen: 260.119 ug/L
 RT: 4.11 min Scan# 939
 Delta R.T. 0.08 min
 Lab File: VV017137.D
 Acq: 25 Jun 2020 19:11

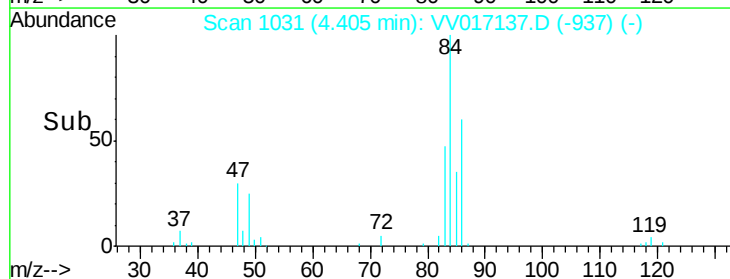
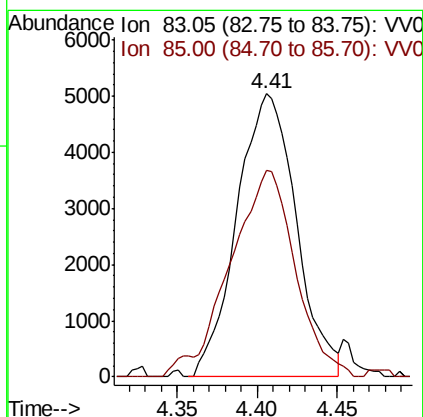
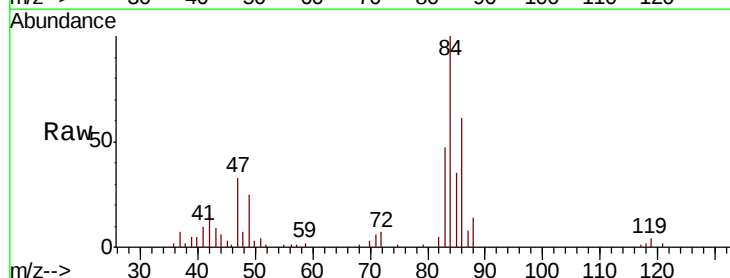
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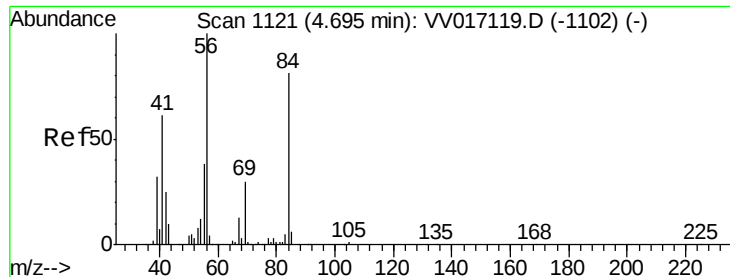
Tot Ion: 43 Resp: 620362
 Ion Ratio Lower Upper
 43 100
 72 0.0 12.4 37.4#



#25
 Chloroform
 Concen: 0.630 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VV017137.D
 Acq: 25 Jun 2020 19:11

Tgt Ion: 83 Resp: 12860
 Ion Ratio Lower Upper
 83 100
 85 73.0 44.2 82.2

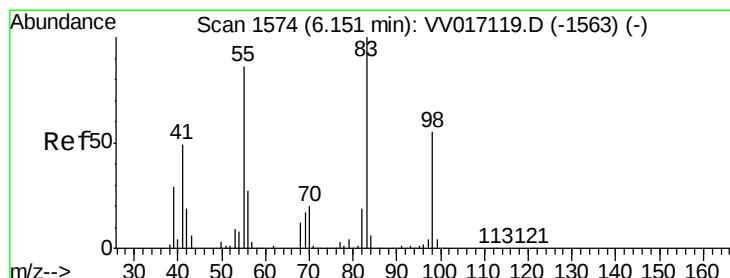
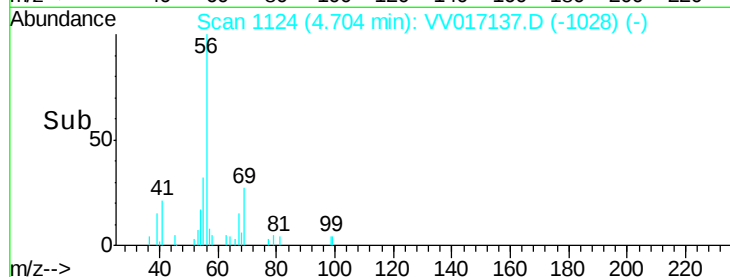
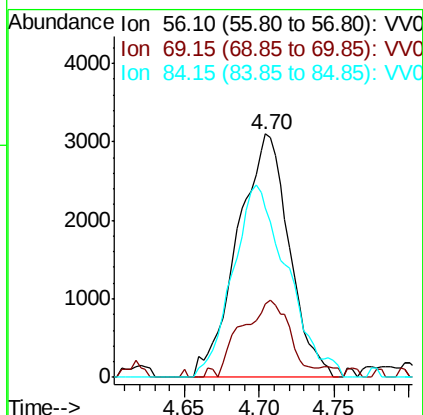
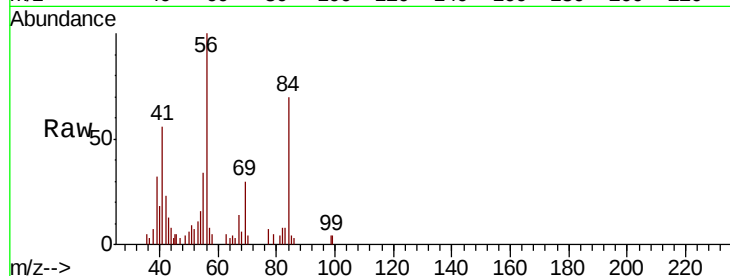




#30
Cyclohexane
Concen: 0.403 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VV017137.D
Acq: 25 Jun 2020 19:11

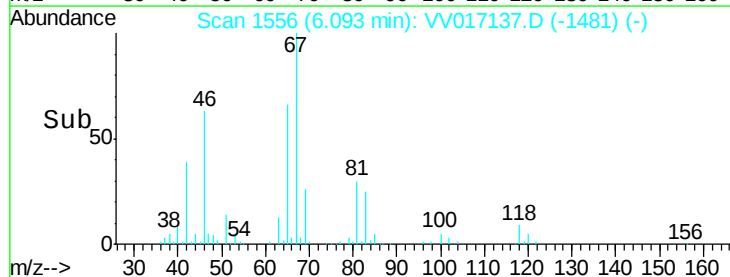
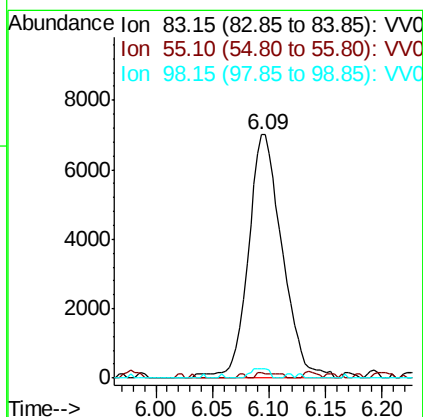
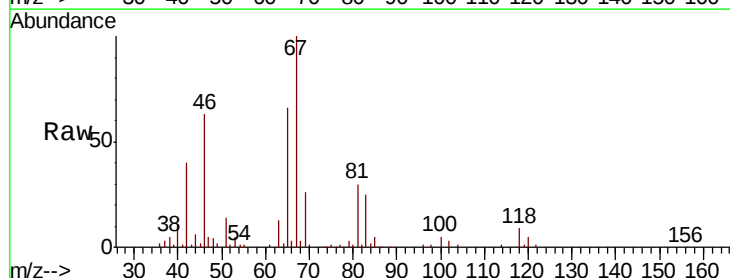
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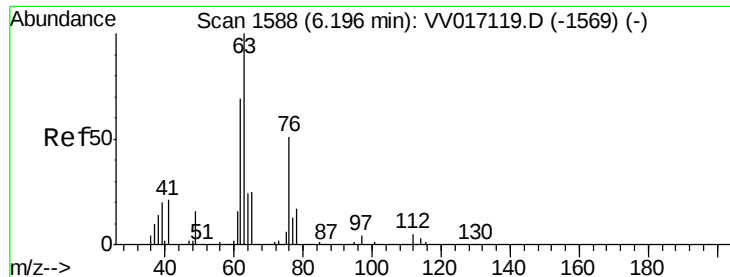
Tot Ion: 56 Resp: 7424
Ion Ratio Lower Upper
56 100
69 30.1 24.4 36.6
84 83.4 69.9 104.9



#35
Methylcyclohexane
Concen: 0.760 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017137.D
Acq: 25 Jun 2020 19:11

Tgt Ion: 83 Resp: 14633
Ion Ratio Lower Upper
83 100
55 1.4 63.6 95.4#
98 2.1 38.8 58.2#

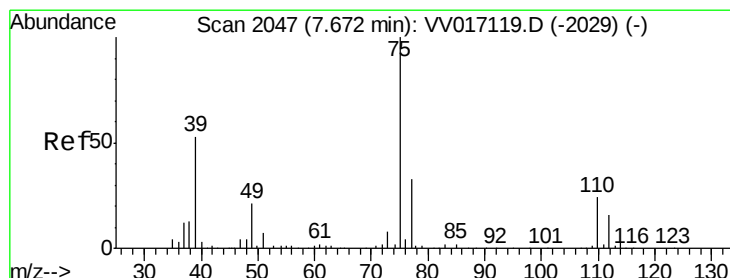
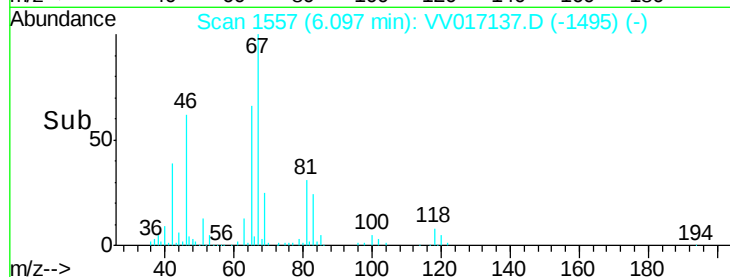
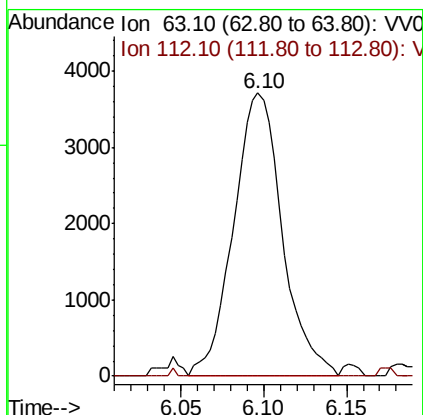
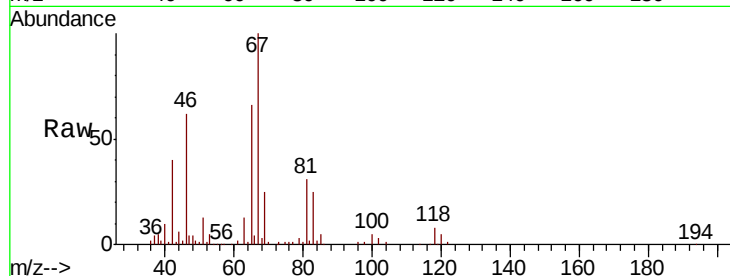




#37
 1,2-Dichloropropane
 Concen: 0.727 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017137.D
 Acq: 25 Jun 2020 19:11

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 BFXM9

Tot Ion: 63 Resp: 7607
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.4 6.6#



#46
 trans-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV017137.D
 Acq: 25 Jun 2020 19:11

Tgt Ion: 75 Resp: 1245
 Ion Ratio Lower Upper
 75 100
 77 57.7 22.3 41.3#

