

Data File : VV012465.D
Acq On : 30 Aug 2019 19:58
Operator : SY/MD
Sample : K4500-20DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANL4DL

Quant Time: Aug 31 01:41:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 01:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	201454	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	204919	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	74775	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49447	2.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.00%
7) Chloroethane-d5	1.58	69	43552	3.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.00%
11) 1,1-Dichloroethene-d2	2.13	63	72153	2.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.00%#
20) 2-Butanone-d5	3.97	46	177228	48.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.86%
24) Chloroform-d	4.40	84	119636	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.60%
26) 1,2-Dichloroethane-d4	5.08	65	61324	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
32) Benzene-d6	5.10	84	221018	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.20%
36) 1,2-Dichloropropane-d6	6.12	67	76772	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.00%
41) Toluene-d8	7.36	98	166635	3.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.40%#
43) trans-1,3-Dichloropropene-	7.67	79	22146	3.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.60%
46) 2-Hexanone-d5	8.14	63	109687	40.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57405	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	59997	4.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.40%

Target Compounds

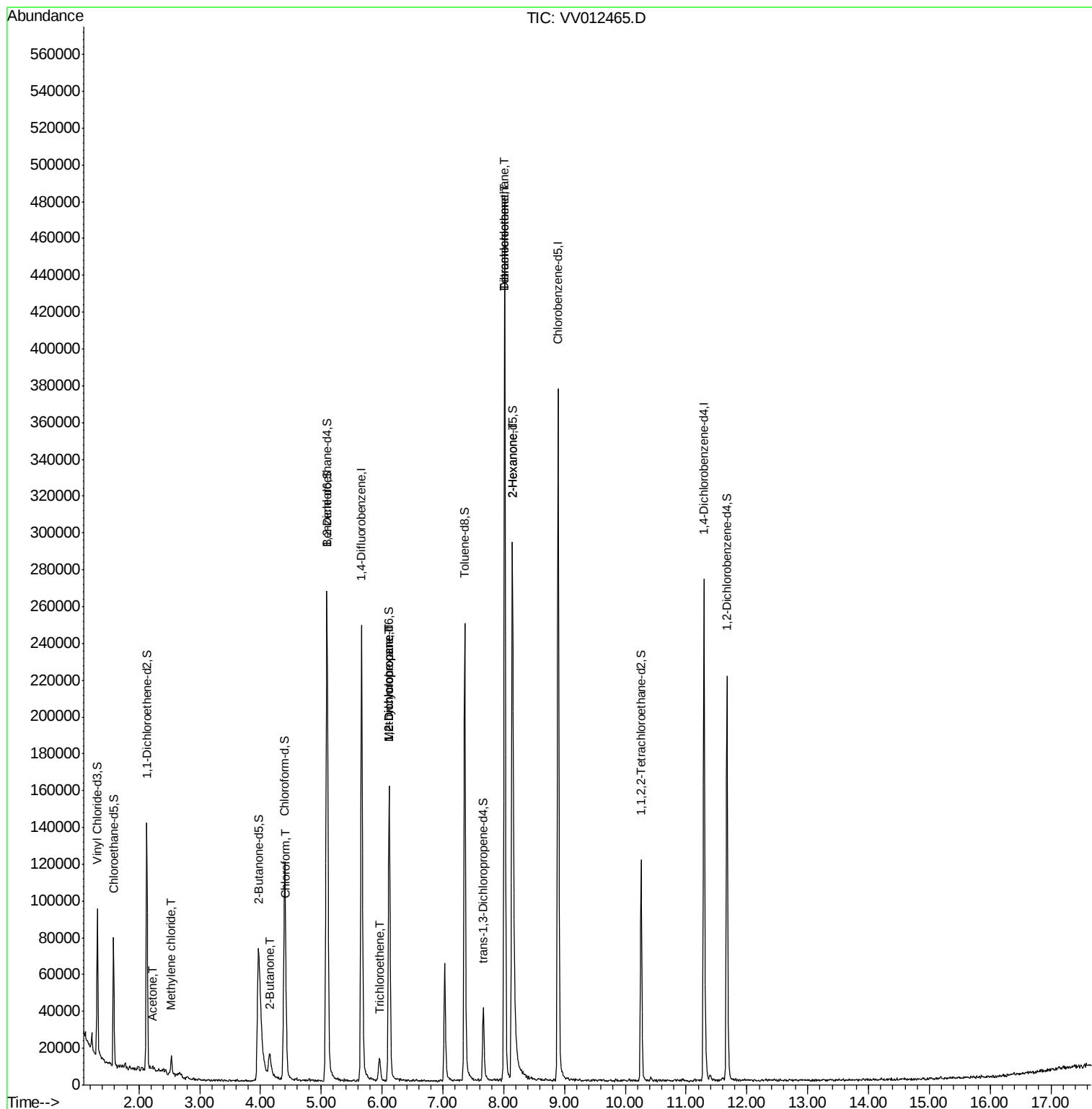
						Qvalue
13) Acetone	2.23	43	3057	1.143	ug/L	83
16) Methylene chloride	2.53	84	3972	0.228	ug/L	86
21) 2-Butanone	4.16	43	24945	5.075	ug/L #	52
25) Chloroform	4.42	83	4448	0.111	ug/L	90
34) Trichloroethene	5.96	95	3261	0.151	ug/L	95
35) Methylcyclohexane	6.12	83	17799	0.541	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8798	0.398	ug/L #	89
47) Tetrachloroethene	8.02	164	105279	6.085	ug/L	99
48) 2-Hexanone	8.14	43	16041	1.878	ug/L #	71
49) Dibromochloromethane	8.02	129	90964	5.383	ug/L #	11

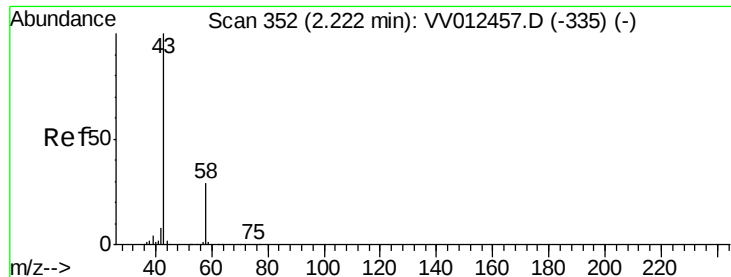
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.143 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.00 min

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Acq: 30 Aug 2019 19:58

Instrument :

MSVOA_V

ClientSampleId :

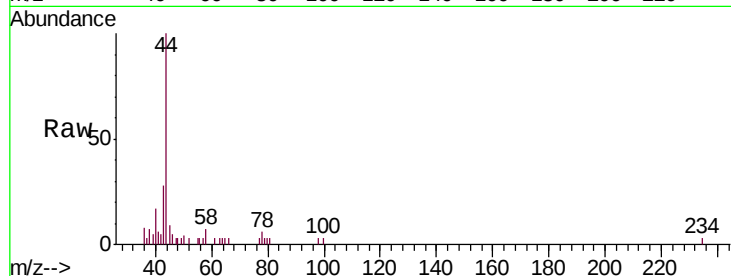
GANL4DL

Tgt Ion: 43 Resp: 3057

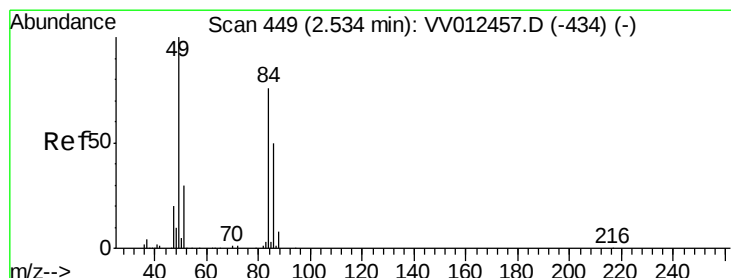
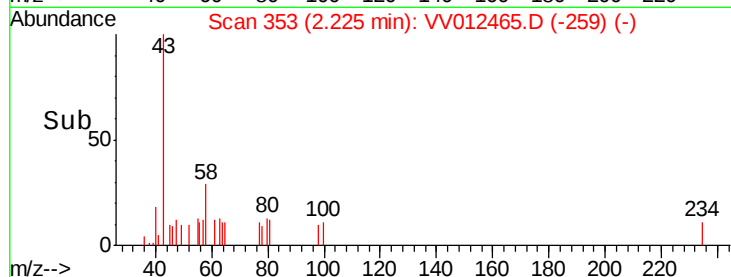
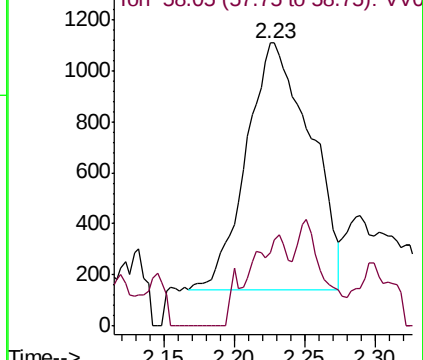
Ion Ratio Lower Upper

43 100

58 19.6 0.0 56.8



Abundance Ion 43.05 (42.75 to 43.75): VV012457.D (-335) (-)



#16

Methylene chloride

Concen: 0.228 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV012465.D

Acq: 30 Aug 2019 19:58

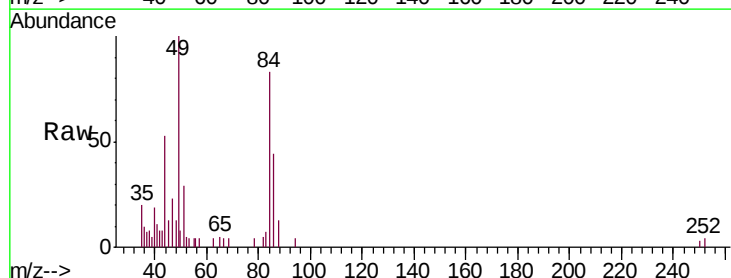
Tgt Ion: 84 Resp: 3972

Ion Ratio Lower Upper

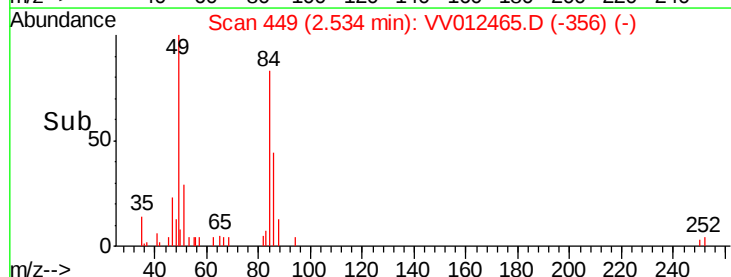
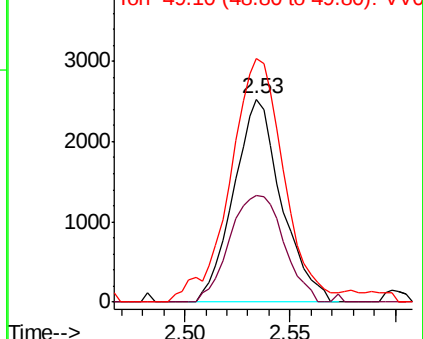
84 100

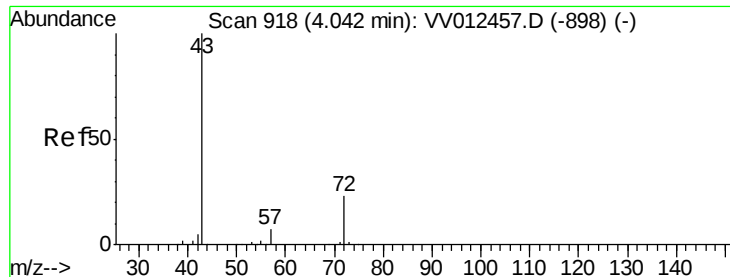
86 52.3 45.2 84.0

49 120.0 95.1 176.7



Abundance Ion 84.05 (83.75 to 84.75): VV012457.D (-434) (-)





#21

2-Butanone

Concen: 5.075 ug/L

RT: 4.16 min Scan# 954

Delta R.T. 0.12 min

Lab File: VV012465.D

Acq: 30 Aug 2019 19:58

Instrument :

MSVOA_V

ClientSampleId :

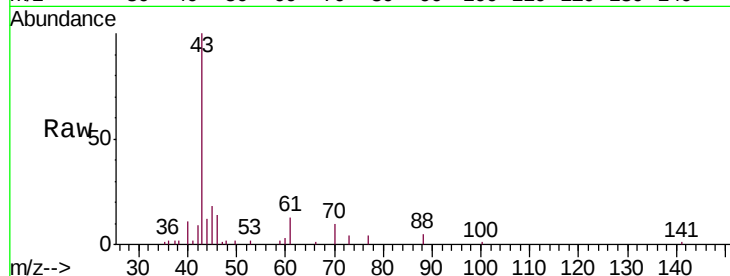
GANL4DL

Tgt Ion: 43 Resp: 24945

Ion Ratio Lower Upper

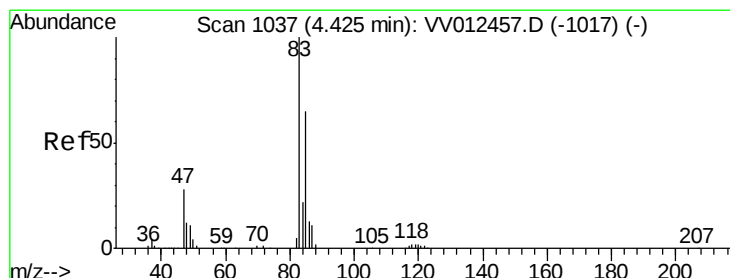
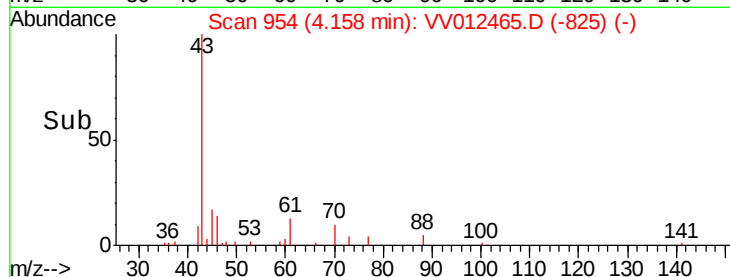
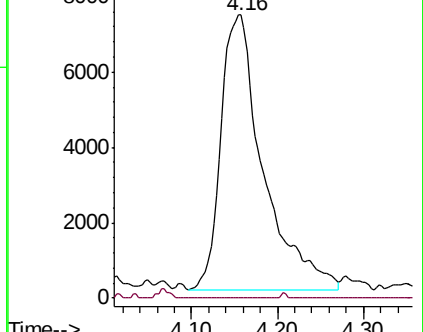
43 100

72 0.2 11.8 35.3#



Abundance Ion 43.05 (42.75 to 43.75): VV012457.D (-898) (-)

Ion 72.10 (71.80 to 72.80): VV012457.D (-898) (-)



#25

Chloroform

Concen: 0.111 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV012465.D

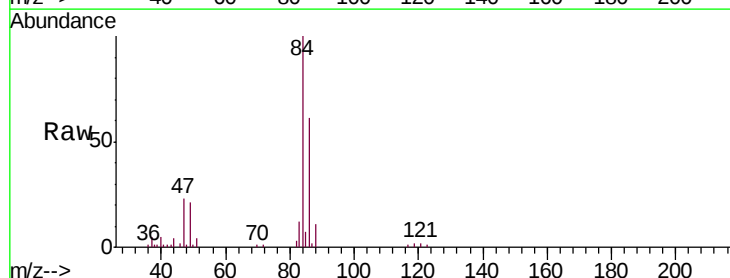
Acq: 30 Aug 2019 19:58

Tgt Ion: 83 Resp: 4448

Ion Ratio Lower Upper

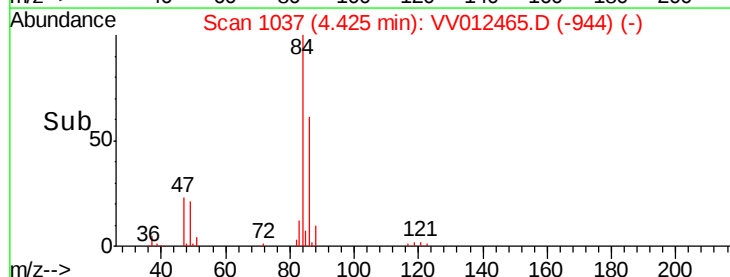
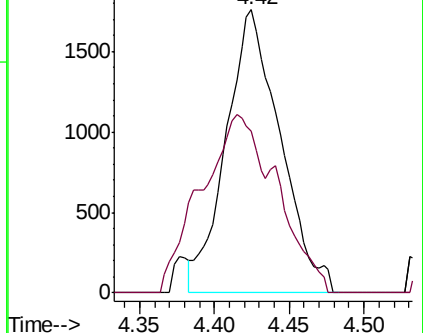
83 100

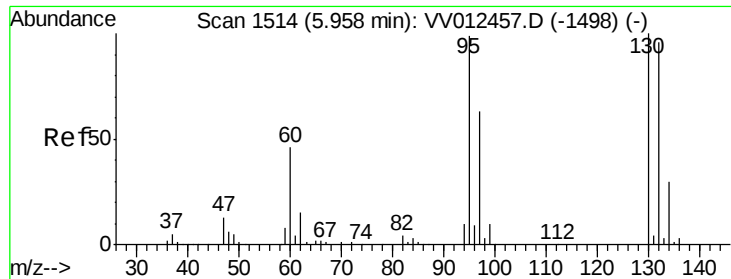
85 56.9 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VV012457.D (-1017) (-)

Ion 85.00 (84.70 to 85.70): VV012457.D (-1017) (-)





#34

Trichloroethene

Concen: 0.151 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV012465.D

Acq: 30 Aug 2019 19:58

Instrument :

MSVOA_V

ClientSampleId :

GANL4DL

Tgt Ion: 95 Resp: 3261

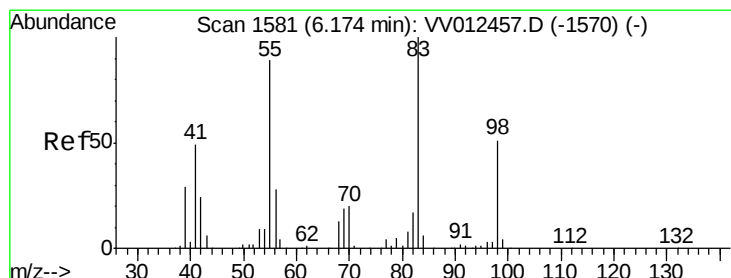
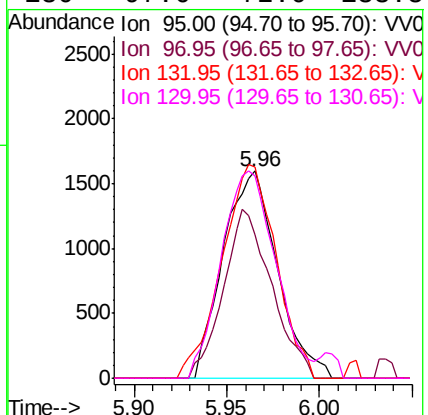
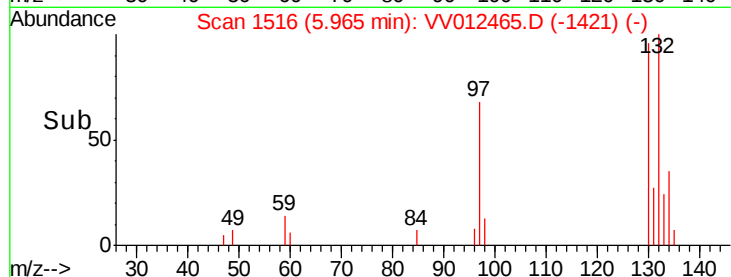
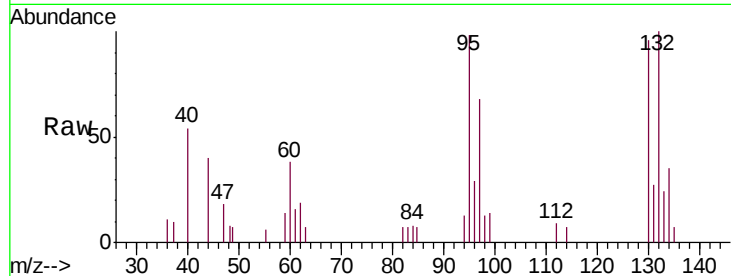
Ion Ratio Lower Upper

95 100

97 69.1 45.8 85.2

132 102.1 68.3 126.9

130 97.6 72.0 133.8



#35

Methylcyclohexane

Concen: 0.541 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV012465.D

Acq: 30 Aug 2019 19:58

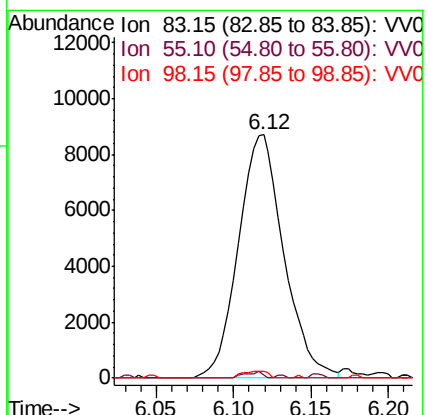
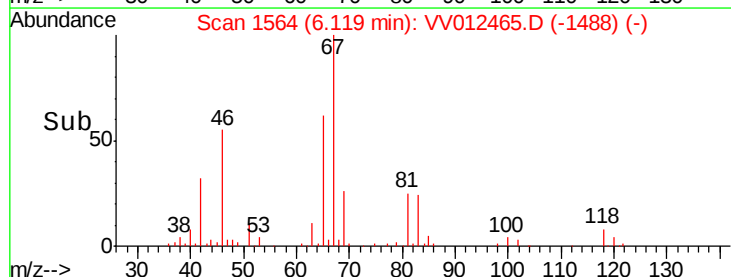
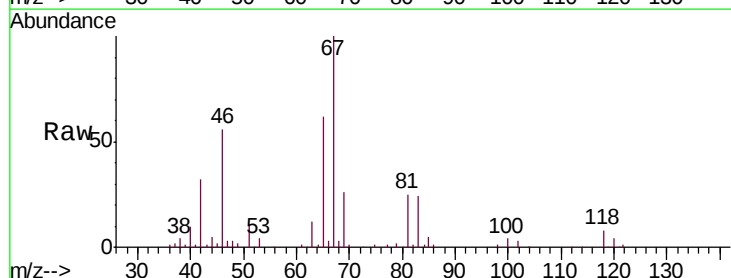
Tgt Ion: 83 Resp: 17799

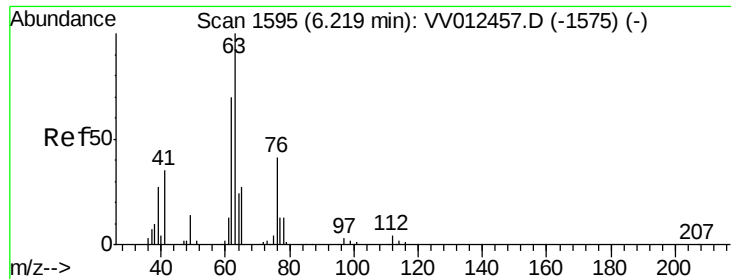
Ion Ratio Lower Upper

83 100

55 1.0 67.8 101.6#

98 1.6 39.2 58.8#





#37

1,2-Dichloropropane

Concen: 0.398 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012465.D

Acq: 30 Aug 2019 19:58

Instrument :

MSVOA_V

ClientSampleId :

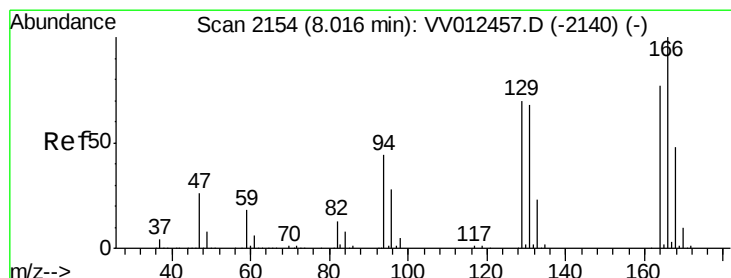
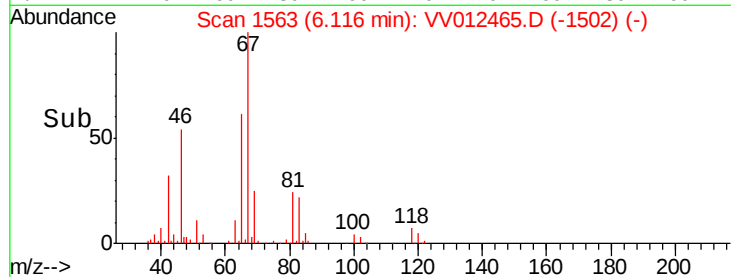
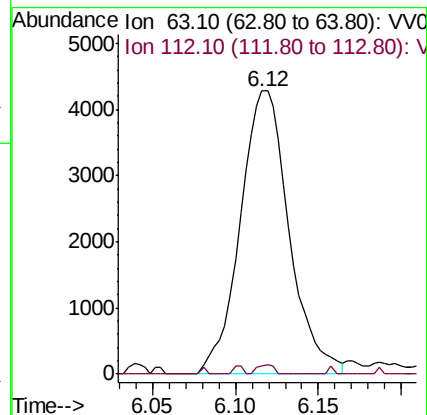
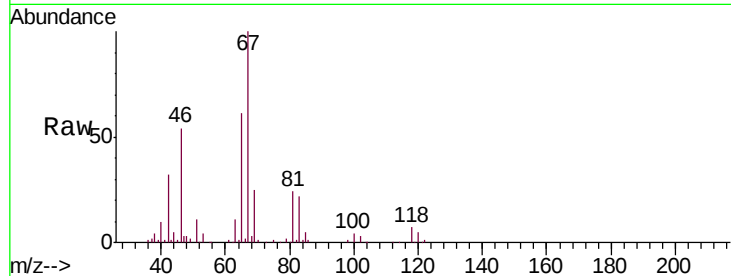
GANL4DL

Tgt Ion: 63 Resp: 8798

Ion Ratio Lower Upper

63 100

112 1.1 3.7 5.5#



#47

Tetrachloroethene

Concen: 6.085 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012465.D

Acq: 30 Aug 2019 19:58

Tgt Ion: 164 Resp: 105279

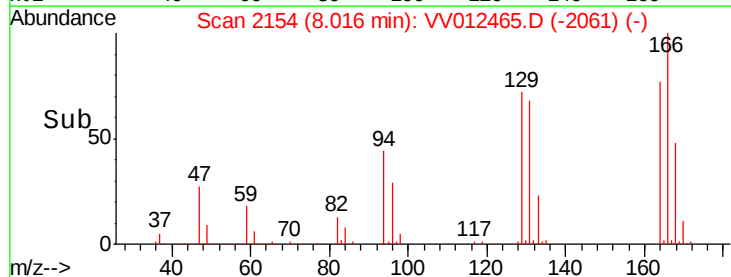
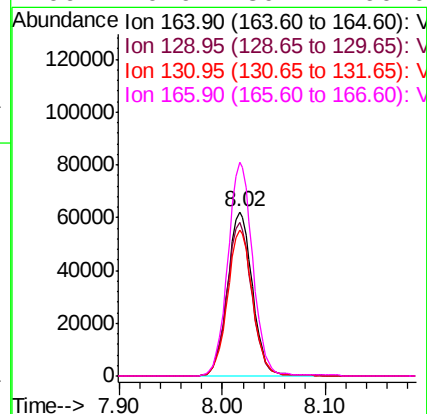
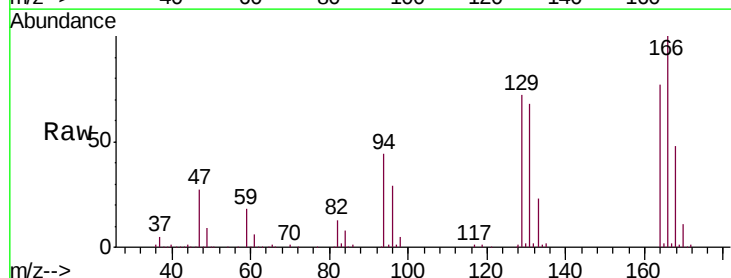
Ion Ratio Lower Upper

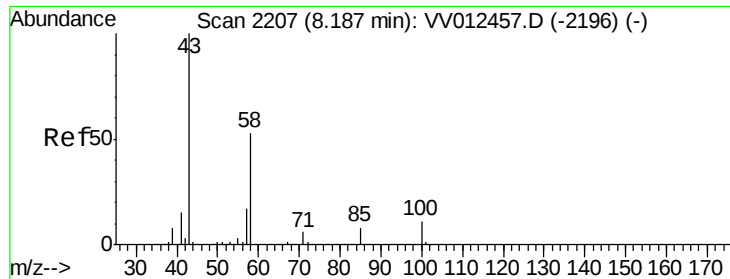
164 100

129 93.1 65.6 121.8

131 88.7 63.3 117.5

166 129.9 89.4 166.0

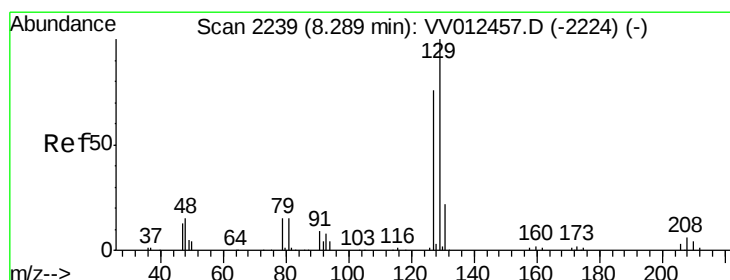
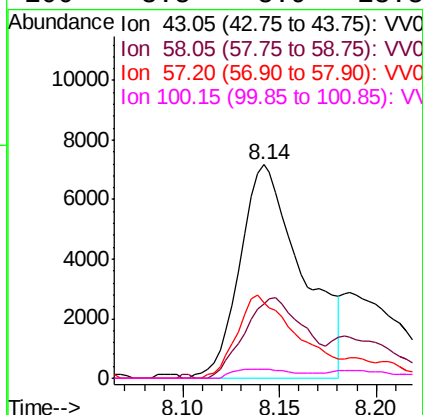
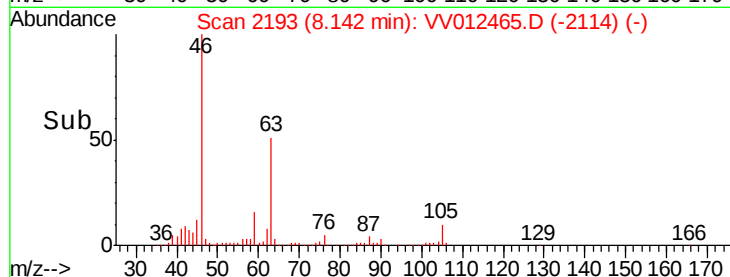
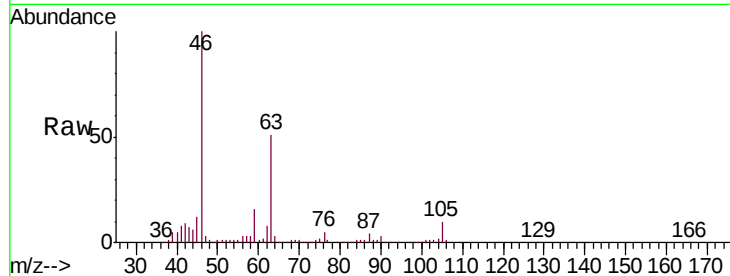




#48
2-Hexanone
Concen: 1.878 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.04 min
Lab File: VV012465.D
Acq: 30 Aug 2019 19:58

Instrument :
MSVOA_V
ClientSampleId :
GANL4DL

Tgt Ion: 43 Resp: 16041
Ion Ratio Lower Upper
43 100
58 36.9 43.6 65.4#
57 38.3 14.2 21.2#
100 3.8 8.9 13.3#



#49
Dibromochloromethane
Concen: 5.383 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012465.D
Acq: 30 Aug 2019 19:58

Tgt Ion: 129 Resp: 90964
Ion Ratio Lower Upper
129 100
127 0.3 53.6 99.6#

