

Data File : VV012455.D
Acq On : 30 Aug 2019 14:15
Operator : SY/MD
Sample : K4501-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANL7

Quant Time: Aug 31 00:11:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 00:07:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	217298	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	219194	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	77406	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56453	2.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.20%
7) Chloroethane-d5	1.58	69	45905	3.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.60%
11) 1,1-Dichloroethene-d2	2.13	63	78914	2.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.60%#
20) 2-Butanone-d5	3.93	46	141384	35.82	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.64%
24) Chloroform-d	4.40	84	120314	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.40%
26) 1,2-Dichloroethane-d4	5.08	65	61668	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
32) Benzene-d6	5.10	84	240601	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.40%
36) 1,2-Dichloropropane-d6	6.12	67	79656	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.60%
41) Toluene-d8	7.36	98	187865	3.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.60%#
43) trans-1,3-Dichloropropene-	7.67	79	23190	3.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.20%
46) 2-Hexanone-d5	8.13	63	100513	34.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55078	3.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	61783	4.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.00%

Target Compounds

						Qvalue
13) Acetone	2.19	43	5665	1.964	ug/L	91
17) Methyl tert-butyl Ether	2.81	73	2736	0.060	ug/L	97
21) 2-Butanone	4.13	43	191736	36.161	ug/L #	52
22) cis-1,2-Dichloroethene	3.97	96	5043	0.228	ug/L	95
25) Chloroform	4.43	83	10675	0.247	ug/L	95
34) Trichloroethene	5.96	95	26688	1.154	ug/L	96
35) Methylcyclohexane	6.12	83	18351	0.522	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8476	0.358	ug/L #	89
45) 1,1,2-Trichloroethane	8.01	97	4659	0.297	ug/L #	1
47) Tetrachloroethene	8.02	164	537807	29.059	ug/L	99
48) 2-Hexanone	8.13	43	13722	1.502	ug/L #	77
49) Dibromochloromethane	8.02	129	468398	25.914	ug/L #	11

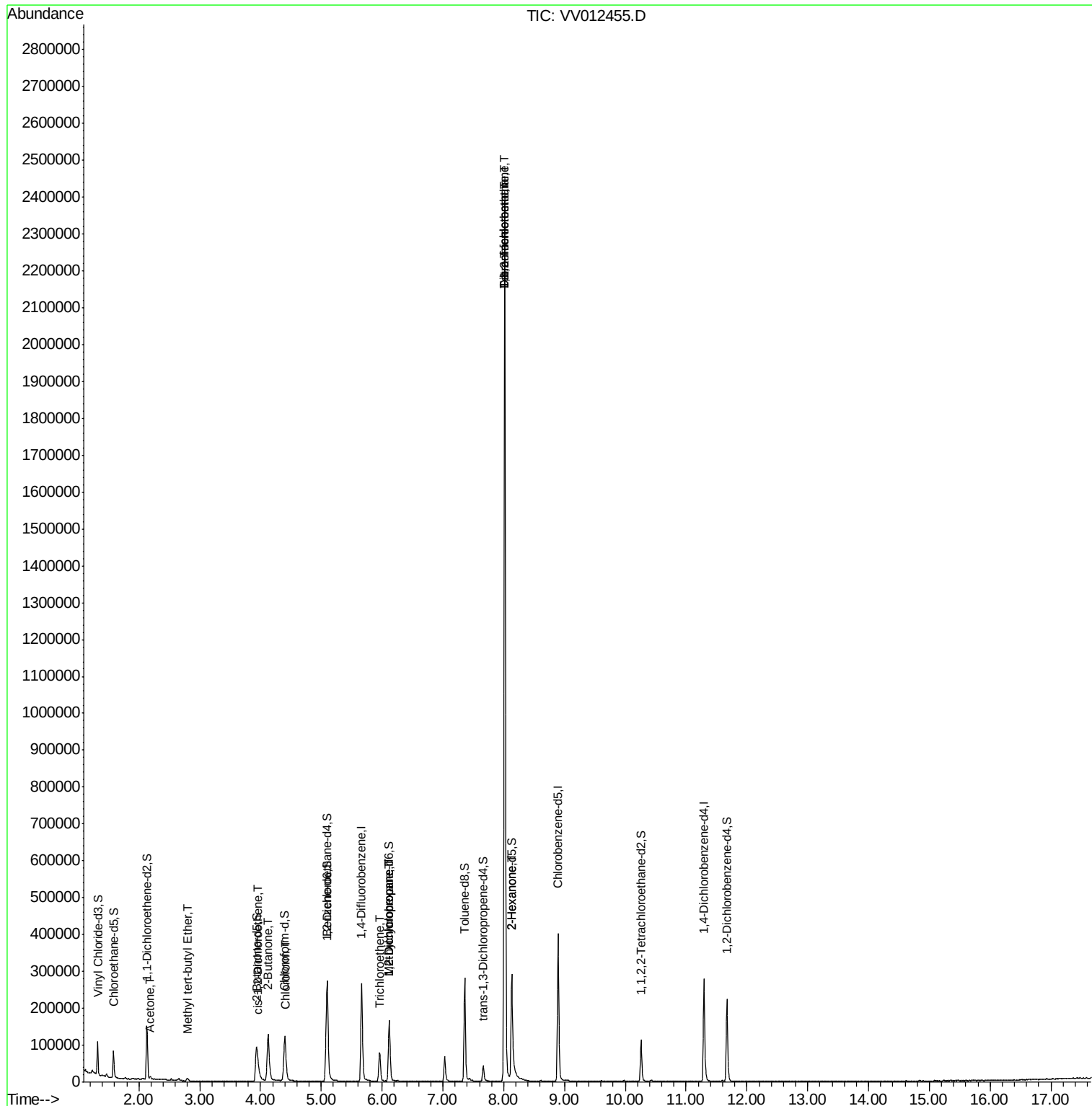
(#) = qualifier out of range (m) = manual integration (+) = signals summed

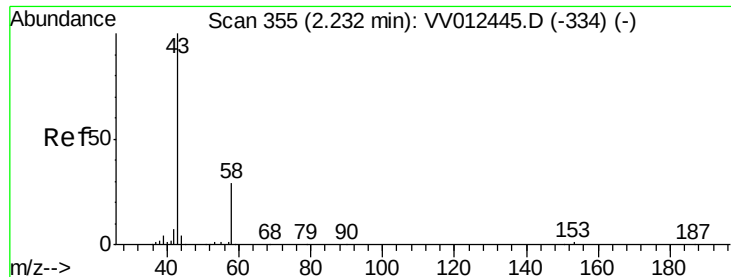
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Response via : Initial Calibration





#13

Acetone

Concen: 1.964 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.04 min

Lab File: VV012455.D

Acq: 30 Aug 2019 14:15

Instrument :

MSVOA_V

ClientSampleId :

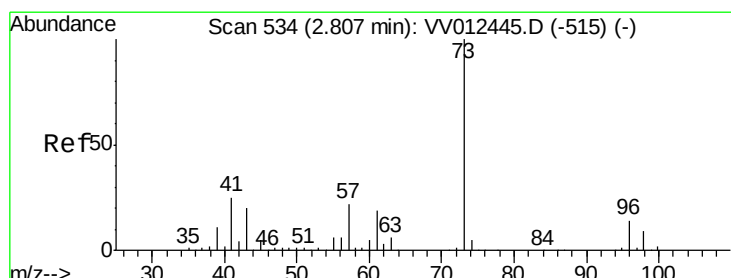
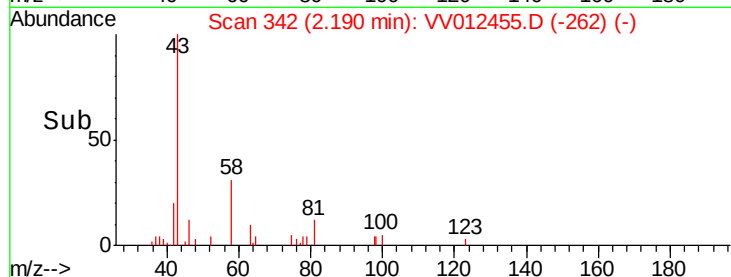
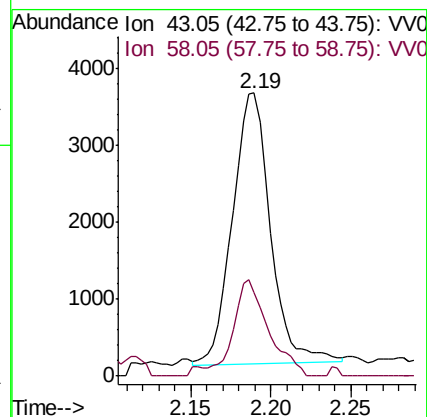
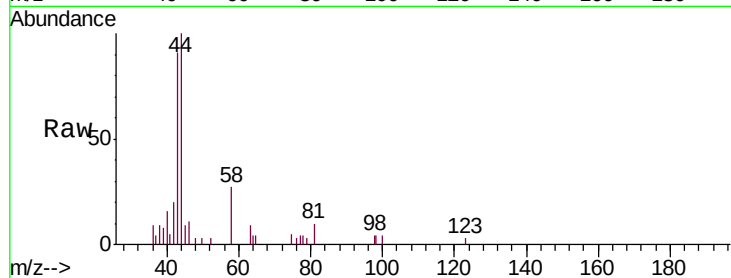
GANL7

Tgt Ion: 43 Resp: 5665

Ion Ratio Lower Upper

43 100

58 33.2 0.0 56.8



#17

Methyl tert-butyl Ether

Concen: 0.060 ug/L

RT: 2.81 min Scan# 535

Delta R.T. 0.00 min

Lab File: VV012455.D

Acq: 30 Aug 2019 14:15

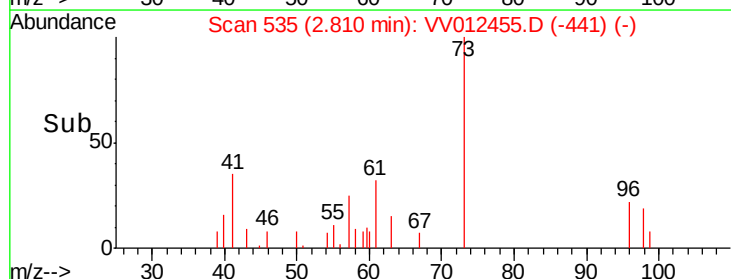
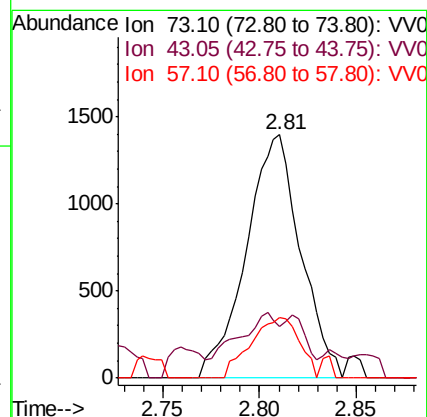
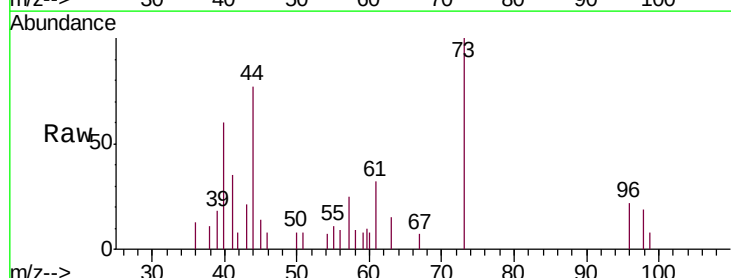
Tgt Ion: 73 Resp: 2736

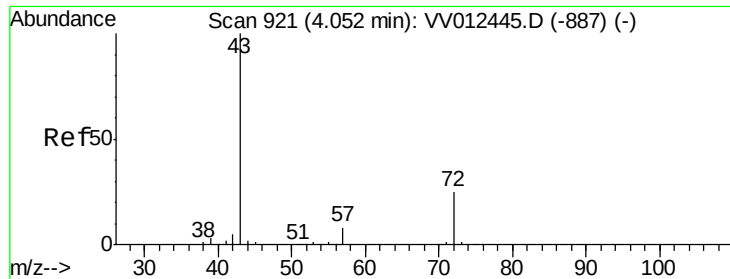
Ion Ratio Lower Upper

73 100

43 21.7 16.1 24.1

57 22.1 18.8 28.2





#21

2-Butanone

Concen: 36.161 ug/L

RT: 4.13 min Scan# 944

Delta R.T. 0.07 min

Lab File: VV012455.D

Acq: 30 Aug 2019 14:15

Instrument :

MSVOA_V

ClientSampleId :

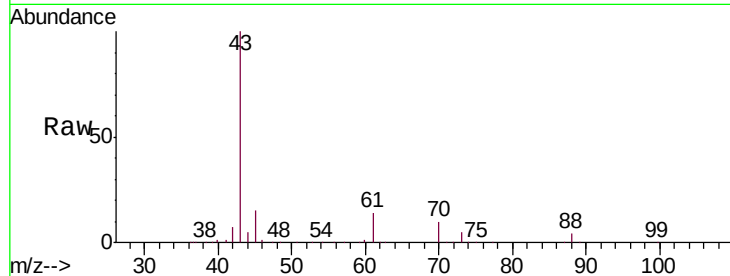
GANL7

Tgt Ion: 43 Resp: 191736

Ion Ratio Lower Upper

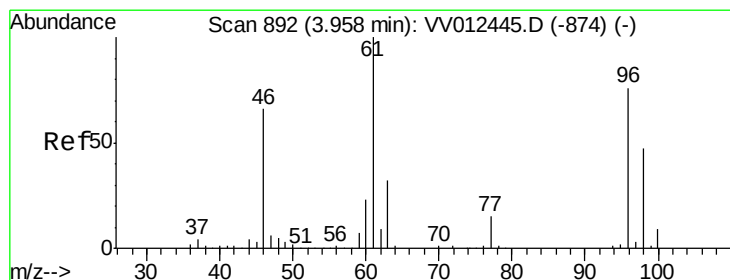
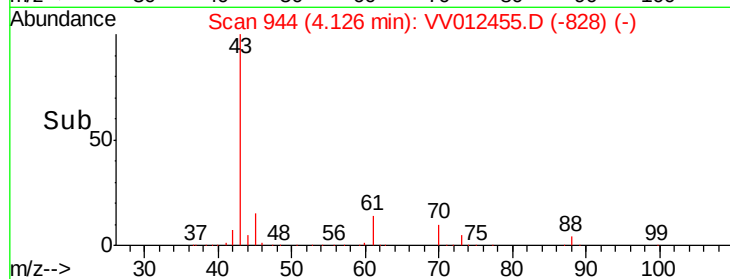
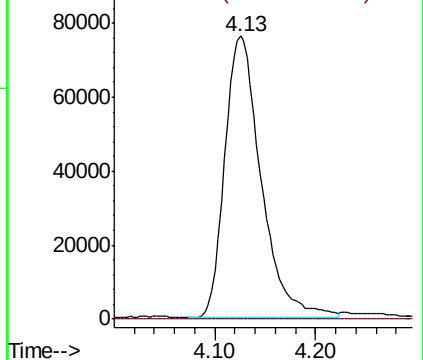
43 100

72 0.0 11.8 35.3#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 0.228 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.01 min

Lab File: VV012455.D

Acq: 30 Aug 2019 14:15

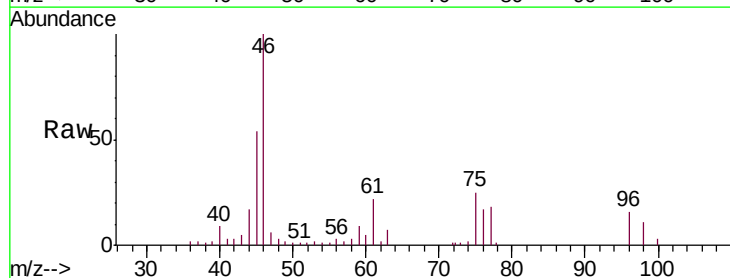
Tgt Ion: 96 Resp: 5043

Ion Ratio Lower Upper

96 100

61 137.0 91.5 169.9

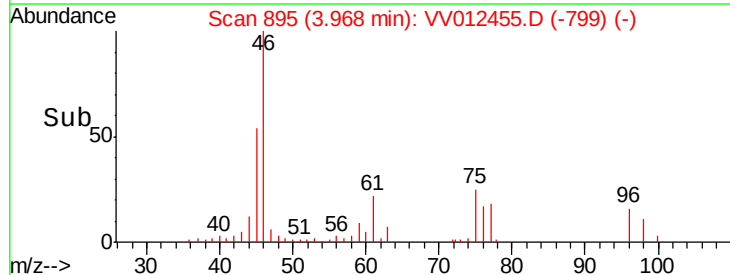
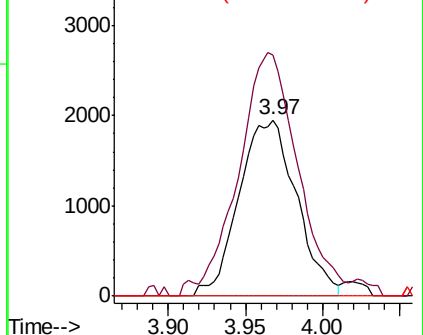
68 0.0 0.0 0.0

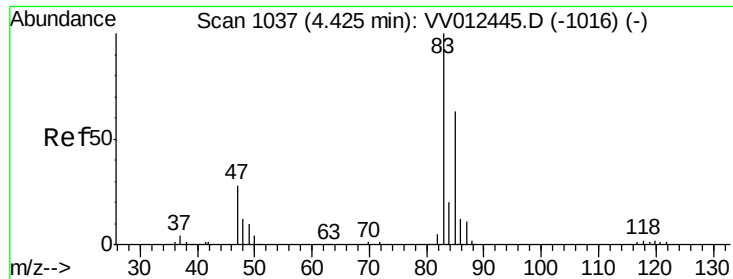


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

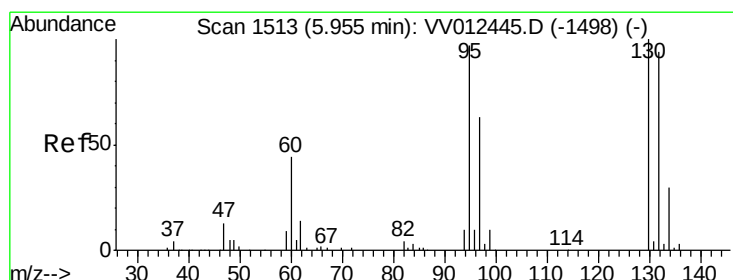
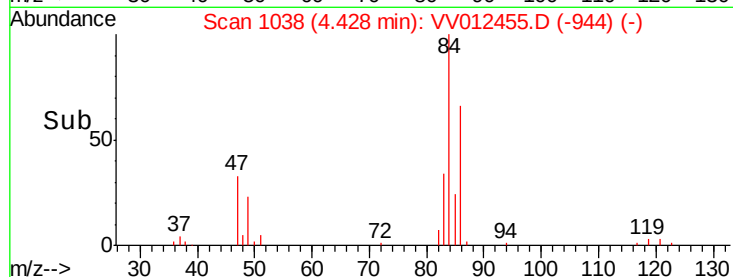
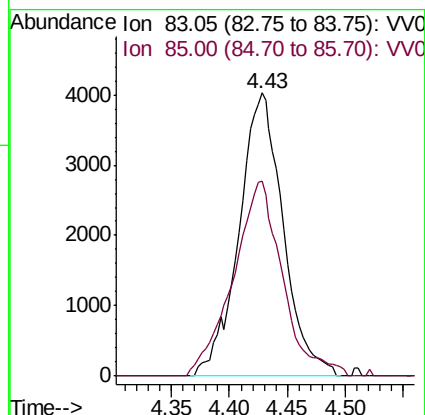
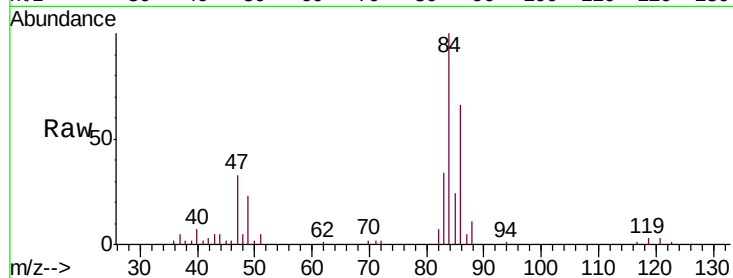




#25
Chloroform
Concen: 0.247 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012455.D
Acq: 30 Aug 2019 14:15

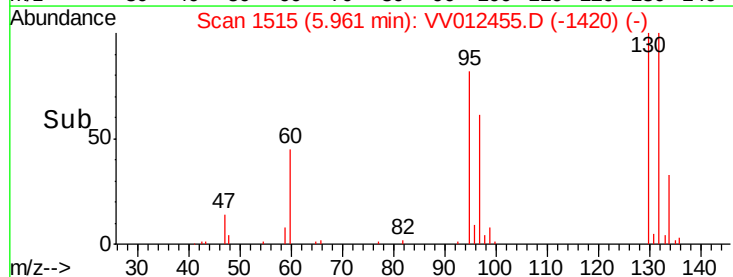
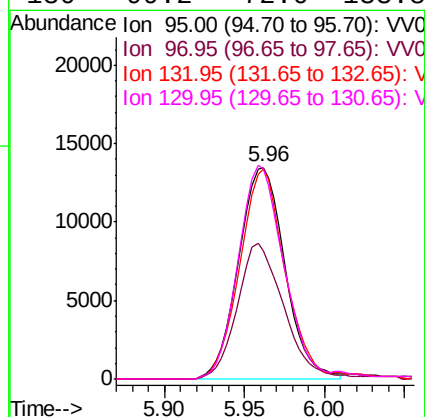
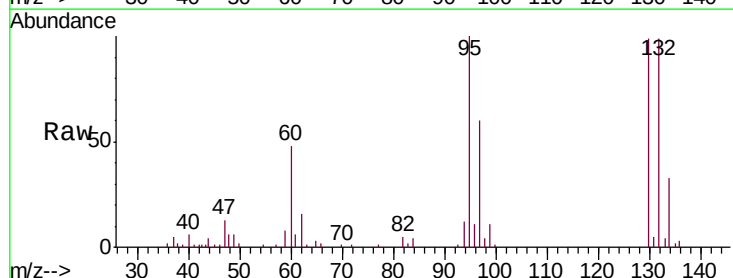
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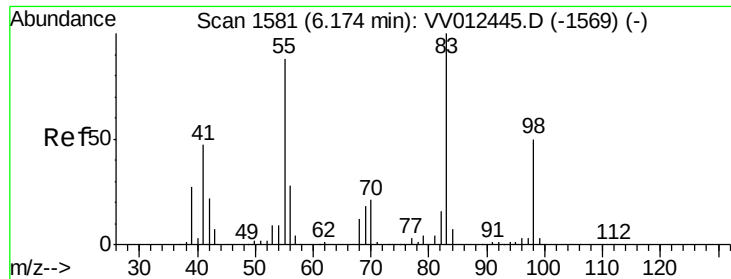
Tgt Ion: 83 Resp: 10675
Ion Ratio Lower Upper
83 100
85 69.1 45.4 84.4



#34
Trichloroethene
Concen: 1.154 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV012455.D
Acq: 30 Aug 2019 14:15

Tgt Ion: 95 Resp: 26688
Ion Ratio Lower Upper
95 100
97 60.5 45.8 85.2
132 99.1 68.3 126.9
130 99.2 72.0 133.8

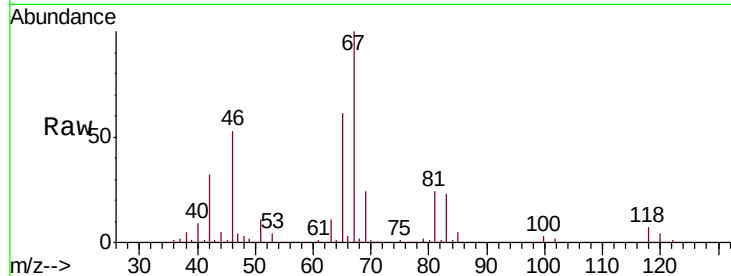




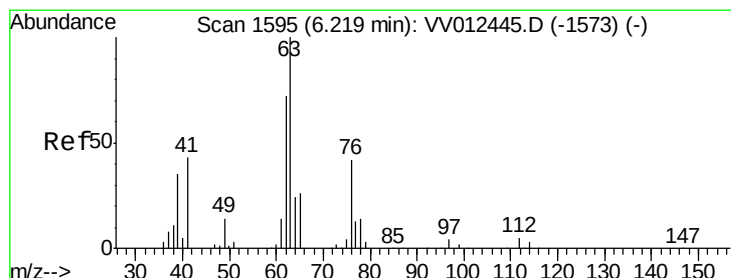
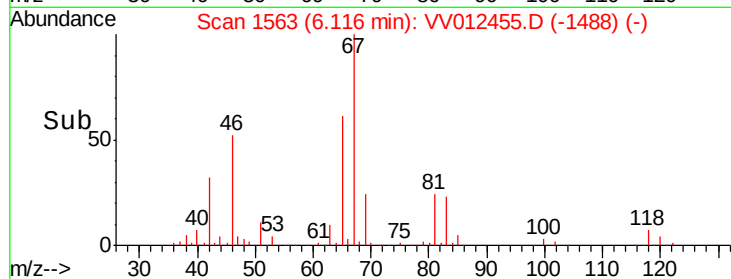
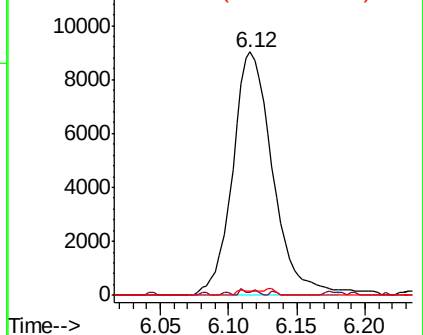
#35
Methylcyclohexane
Concen: 0.522 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012455.D
Acq: 30 Aug 2019 14:15

Instrument :
MSVOA_V
ClientSampleId :
GANL7

Tgt Ion: 83 Resp: 18351
Ion Ratio Lower Upper
83 100
55 0.5 67.8 101.6#
98 1.0 39.2 58.8#

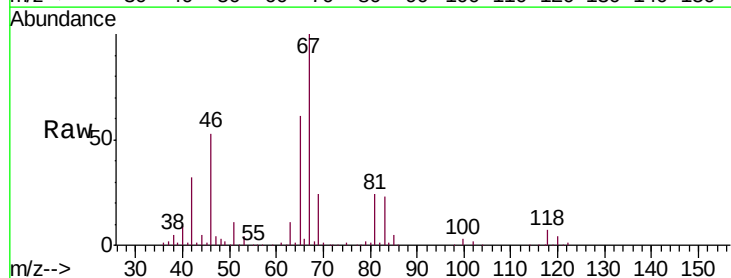


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

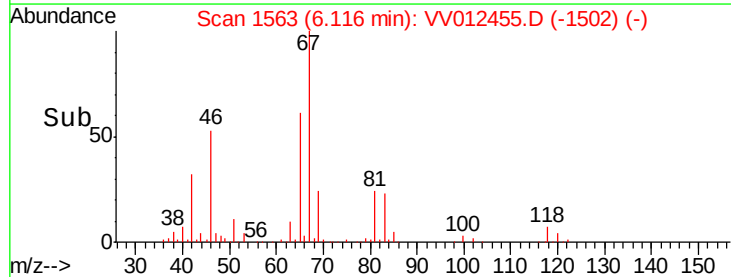
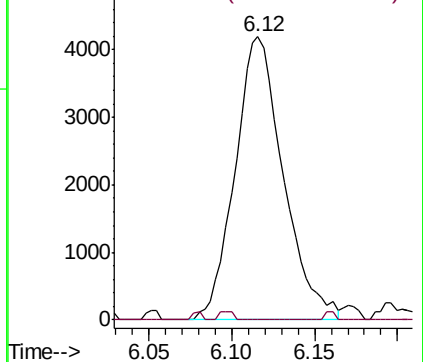


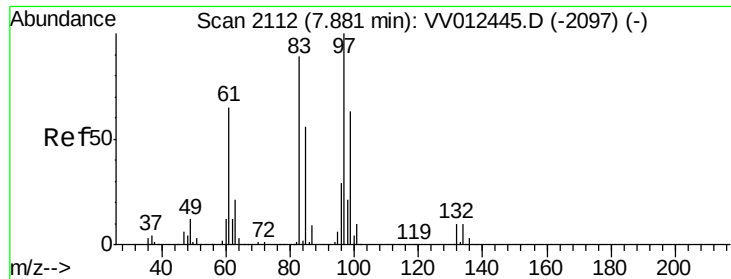
#37
1,2-Dichloropropane
Concen: 0.358 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012455.D
Acq: 30 Aug 2019 14:15

Tgt Ion: 63 Resp: 8476
Ion Ratio Lower Upper
63 100
112 0.8 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

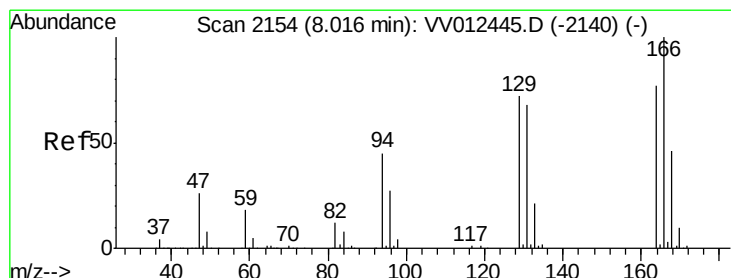
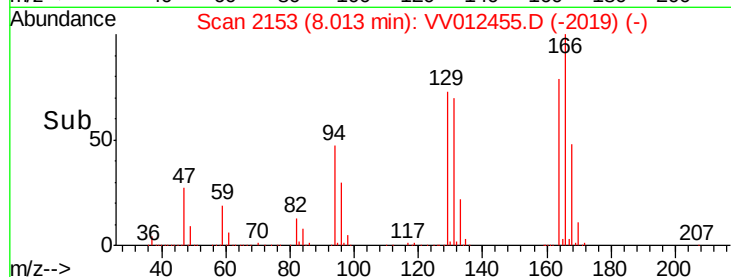
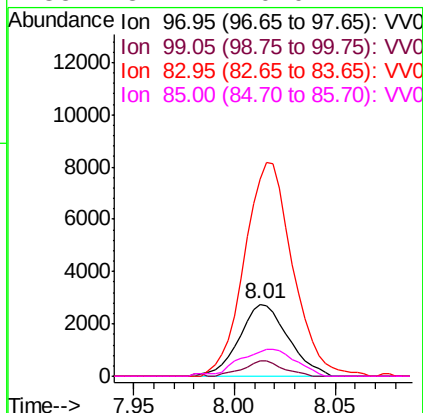
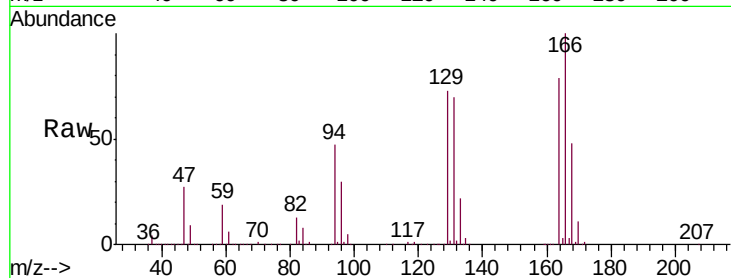




#45
 1,1,2-Trichloroethane
 Concen: 0.297 ug/L
 RT: 8.01 min Scan# 2153
 Delta R.T. 0.13 min
 Lab File: VV012455.D
 Acq: 30 Aug 2019 14:15

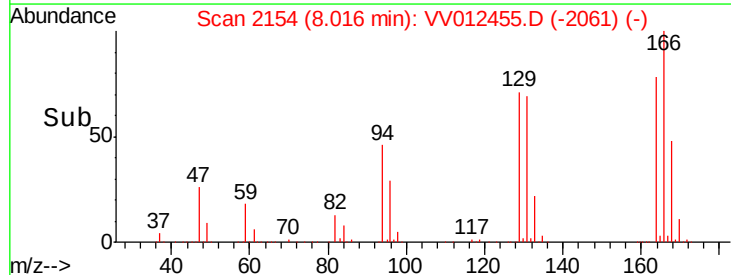
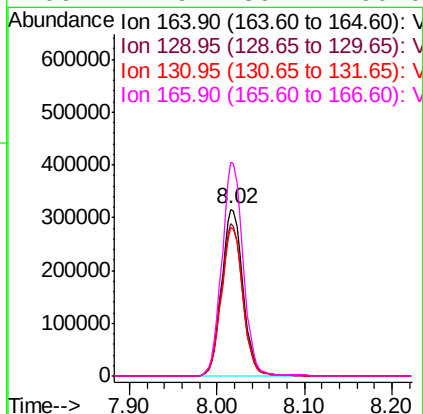
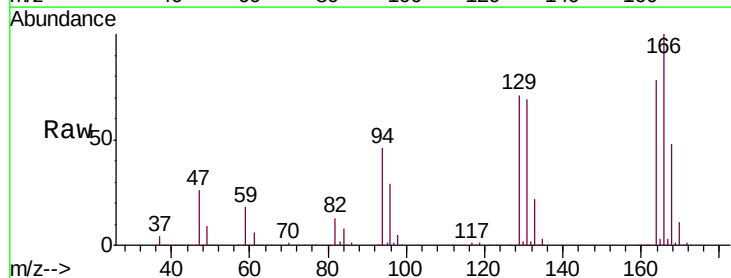
Instrument :
 MSVOA_V
 ClientSampleId :
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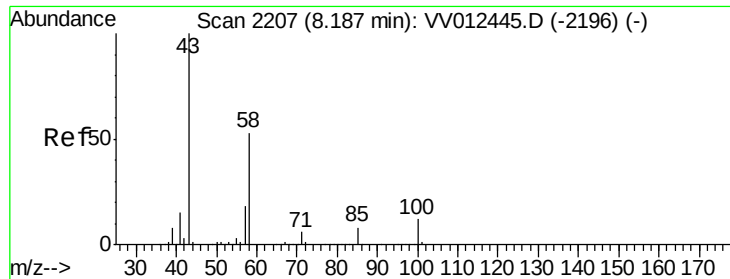
Tgt Ion:	97	Resp:	4659
Ion	Ratio	Lower	Upper
97	100		
99	21.4	43.3	80.3#
83	274.7	61.2	113.6#
85	34.1	40.0	74.4#



#47
 Tetrachloroethene
 Concen: 29.059 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV012455.D
 Acq: 30 Aug 2019 14:15

Tgt Ion:	164	Resp:	537807
Ion	Ratio	Lower	Upper
164	100		
129	91.1	65.6	121.8
131	88.7	63.3	117.5
166	127.9	89.4	166.0

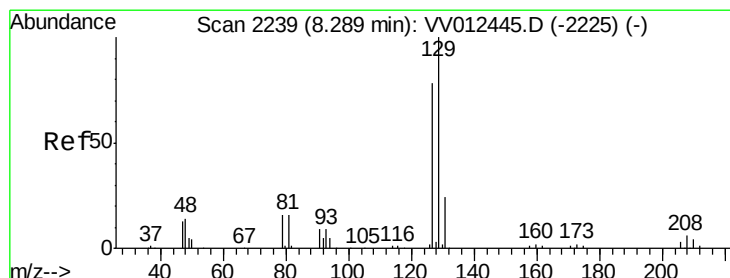
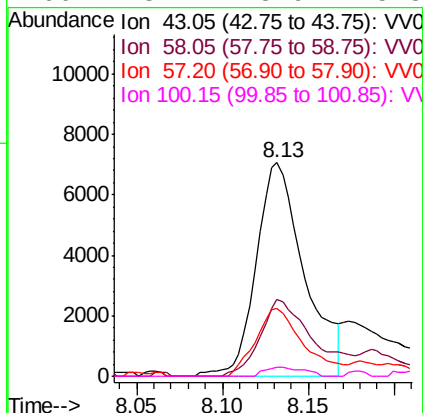
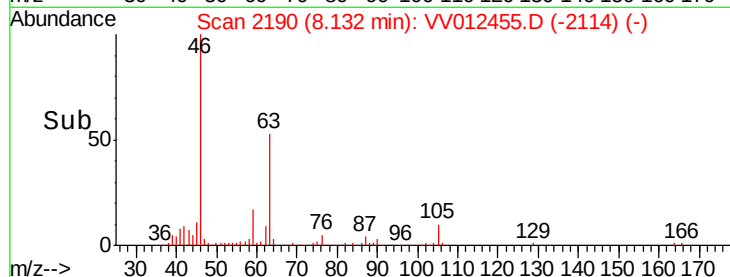
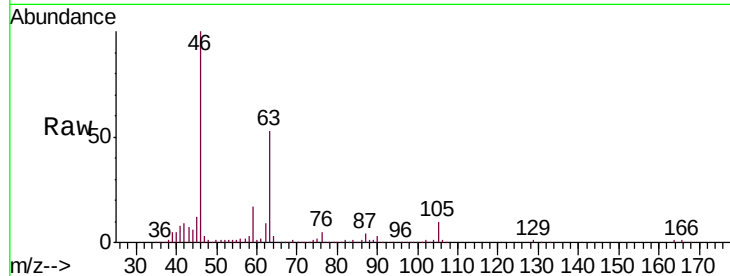




#48
2-Hexanone
Concen: 1.502 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV012455.D
Acq: 30 Aug 2019 14:15

Instrument :
MSVOA_V
ClientSampleId :
GANL7

Tgt Ion: 43 Resp: 13722
Ion Ratio Lower Upper
43 100
58 40.0 43.6 65.4#
57 31.8 14.2 21.2#
100 3.4 8.9 13.3#



#49
Dibromochloromethane
Concen: 25.914 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012455.D
Acq: 30 Aug 2019 14:15

Tgt Ion: 129 Resp: 468398
Ion Ratio Lower Upper
129 100
127 0.0 53.6 99.6#

