

Data File : VV008699.D
Acq On : 21 Nov 2018 14:33
Operator : SY/MD
Sample : J6026-01DL 10X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0FH2DL

Quant Time: Nov 22 00:41:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 22 00:36:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	180959	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	164452	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69792	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40783	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.59	69	31158	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.14	63	60759	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.96	46	119030	41.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.76%
24) Chloroform-d	4.41	84	97549	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.09	65	48480	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.10	84	206163	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.12	67	60857	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.36	98	181048	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.67	79	18512	3.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.20%
46) 2-Hexanone-d5	8.14	63	82200	34.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38315	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	59856	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

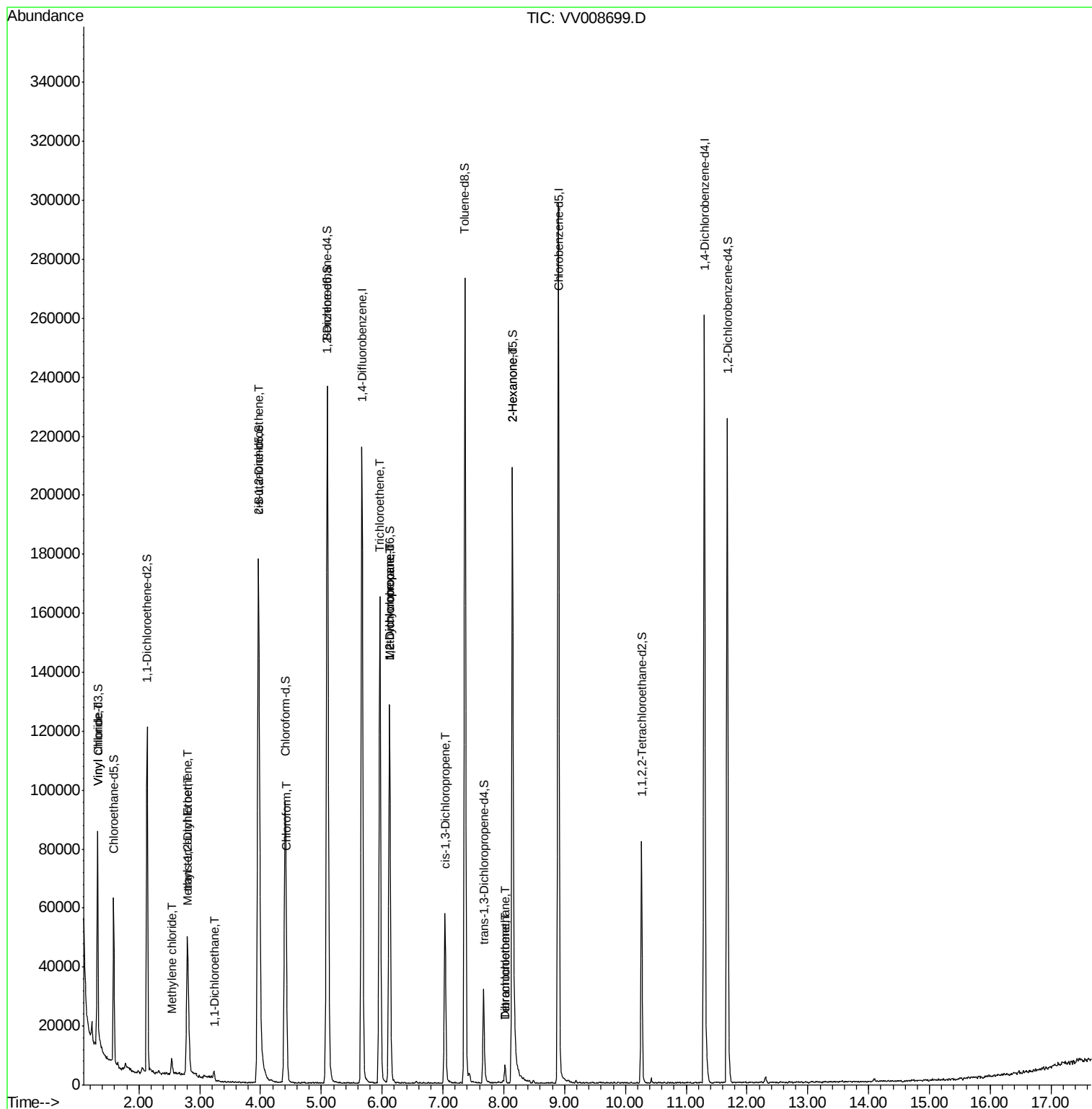
					Qvalue
5) Vinyl chloride	1.33	62	3121	0.273 ug/L #	66
16) Methylene chloride	2.54	84	1868	0.183 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	21238	0.951 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	13321	1.463 ug/L	97
19) 1,1-Dichloroethane	3.24	63	3085	0.134 ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	66594	4.845 ug/L	98
25) Chloroform	4.43	83	3868	0.133 ug/L	95
34) Trichloroethene	5.96	95	59716	4.333 ug/L	97
35) Methylcyclohexane	6.12	83	14919	0.639 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	7235	0.528 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1625	0.088 ug/L	84
47) Tetrachloroethene	8.03	164	1415	0.142 ug/L	78
48) 2-Hexanone	8.14	43	10366	1.915 ug/L #	77
49) Dibromochloromethane	8.02	129	1355	0.137 ug/L #	10

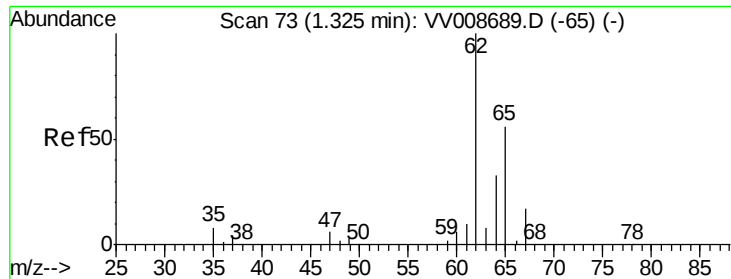
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.273 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

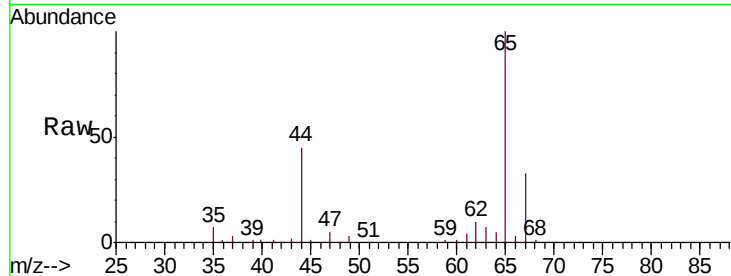
H0FH2DL

Tgt Ion: 62 Resp: 3121

Ion Ratio Lower Upper

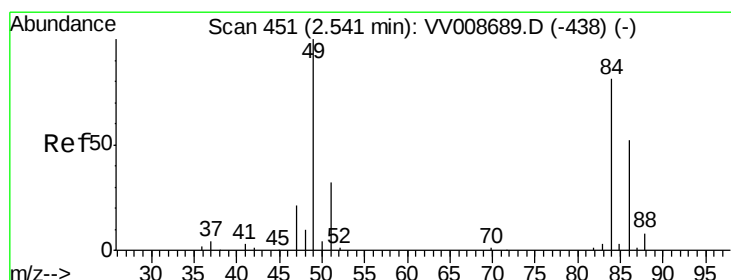
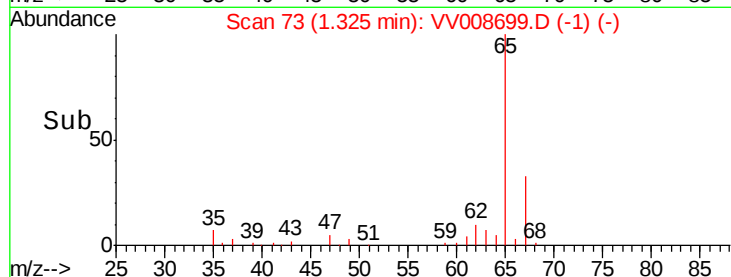
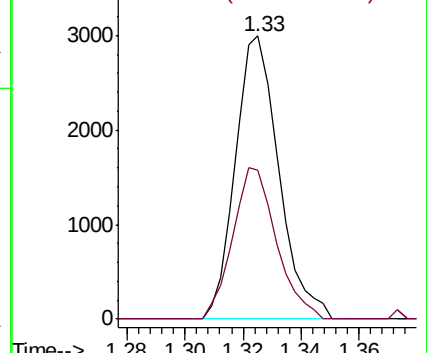
62 100

64 52.8 23.4 43.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#16

Methylene chloride

Concen: 0.183 ug/L

RT: 2.54 min Scan# 451

Delta R.T. -0.00 min

Lab File: VV008699.D

Acq: 21 Nov 2018 14:33

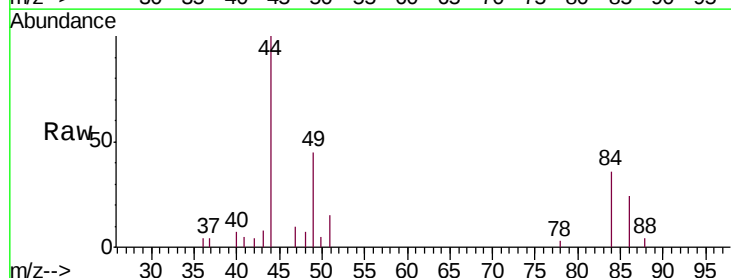
Tgt Ion: 84 Resp: 1868

Ion Ratio Lower Upper

84 100

86 66.6 44.8 83.2

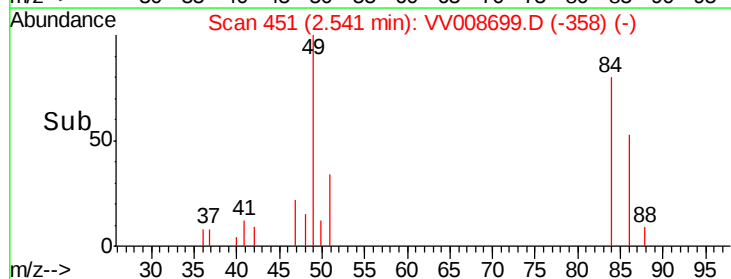
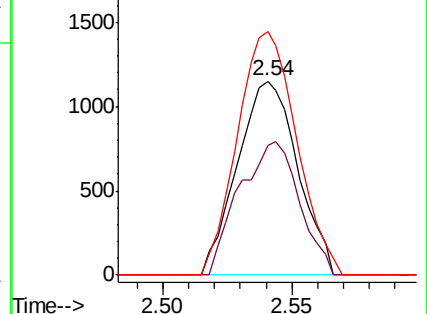
49 125.5 88.1 163.7

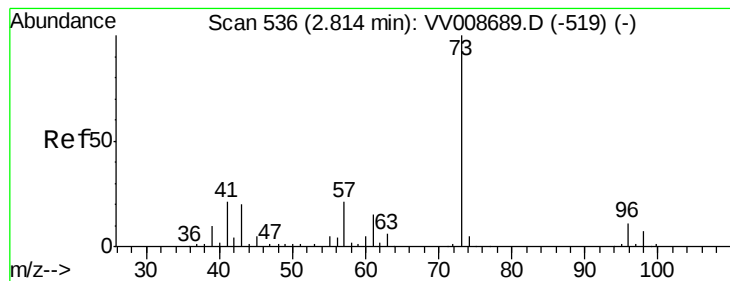


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#17

Methyl tert-butyl Ether

Concen: 0.951 ug/L

RT: 2.81 min Scan# 536

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

H0FH2DL

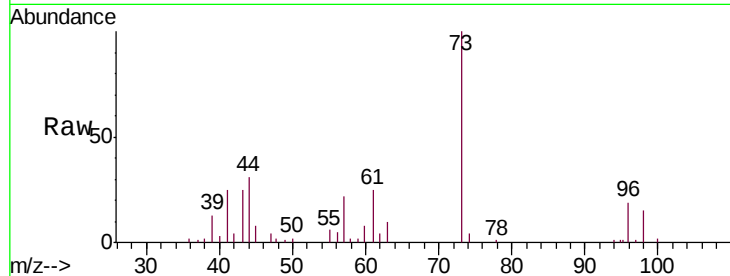
Tgt Ion: 73 Resp: 21238

Ion Ratio Lower Upper

73 100

43 22.7 18.1 27.1

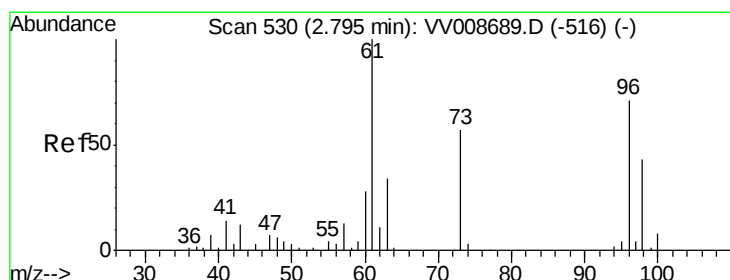
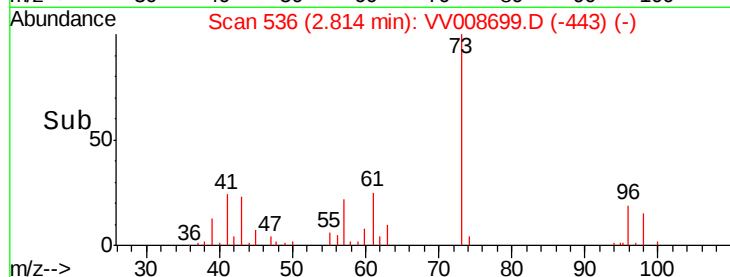
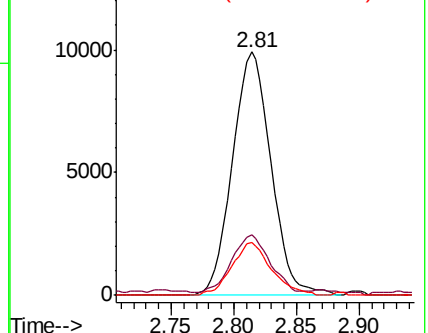
57 22.2 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VV008689.D (-519) (-)

Ion 43.05 (42.75 to 43.75): VV008689.D (-519) (-)

Ion 57.10 (56.80 to 57.80): VV008689.D (-519) (-)



#18

trans-1,2-Dichloroethene

Concen: 1.463 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV008699.D

Acq: 21 Nov 2018 14:33

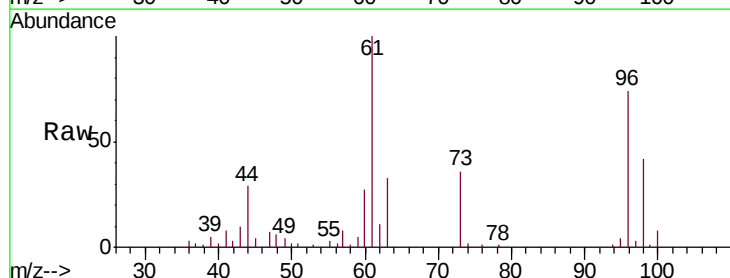
Tgt Ion: 96 Resp: 13321

Ion Ratio Lower Upper

96 100

61 135.5 97.1 180.3

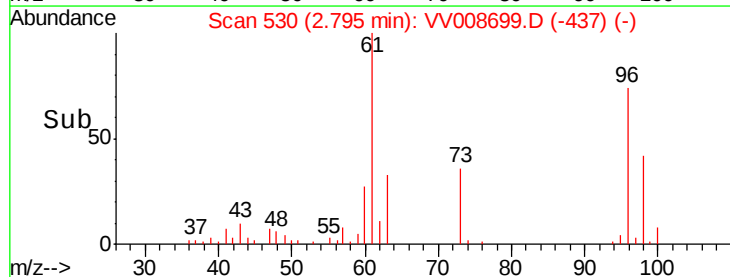
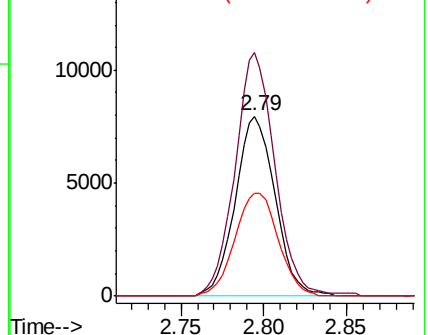
98 57.2 41.9 77.7

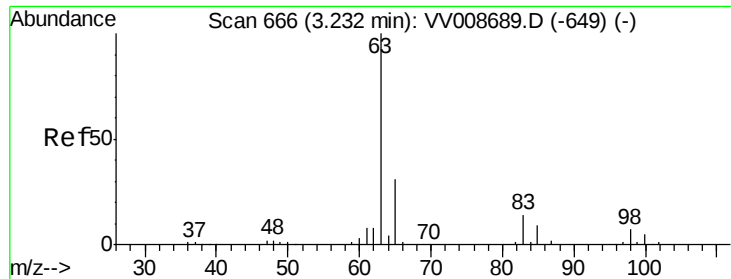


Abundance Ion 96.00 (95.70 to 96.70): VV008689.D (-516) (-)

Ion 61.05 (60.75 to 61.75): VV008689.D (-516) (-)

Ion 97.95 (97.65 to 98.65): VV008689.D (-516) (-)

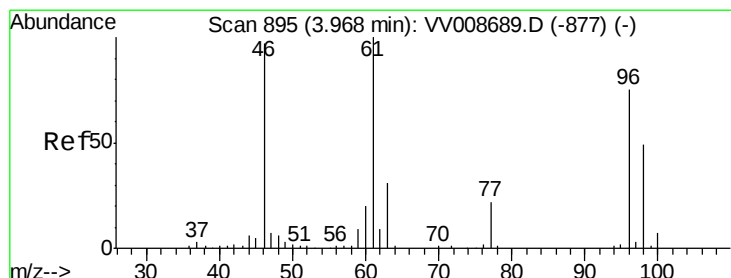
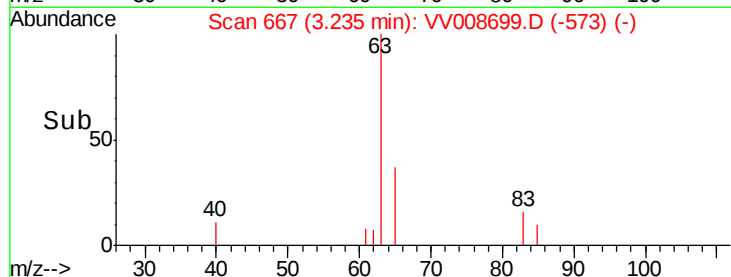
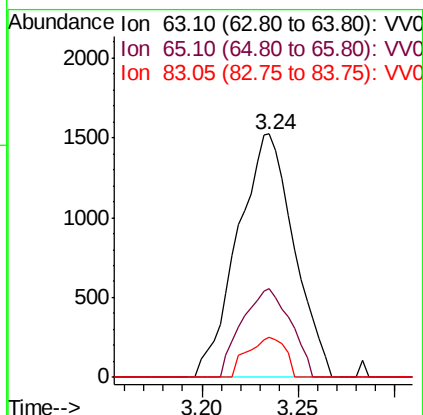
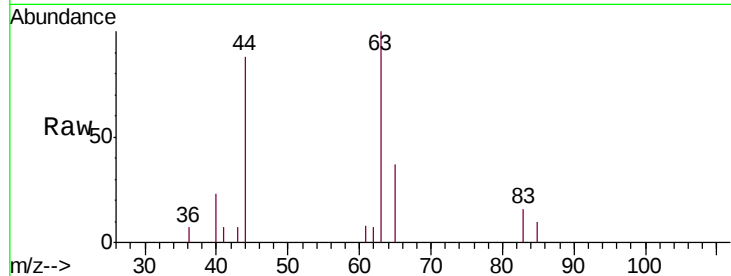




#19
 1,1-Dichloroethane
 Concen: 0.134 ug/L
 RT: 3.24 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VV008699.D
 Acq: 21 Nov 2018 14:33

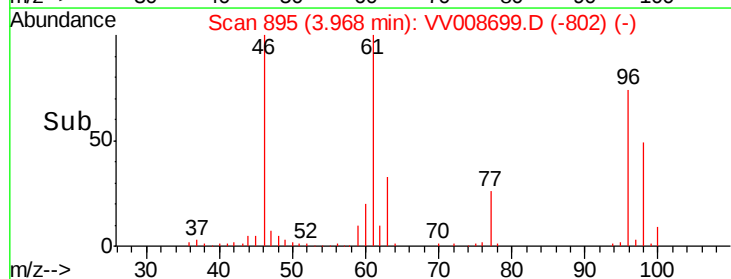
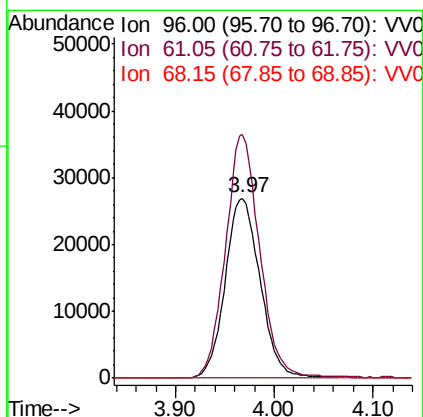
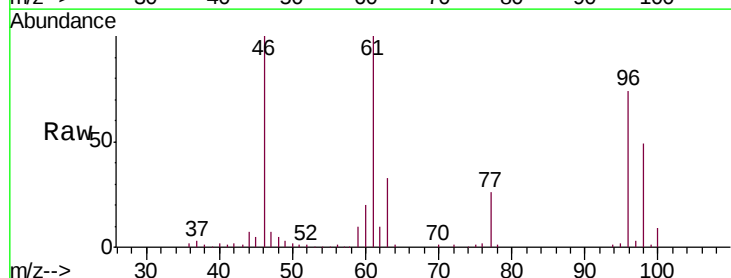
Instrument :
 MSVOA_V
 ClientSampleId :
 H0FH2DL

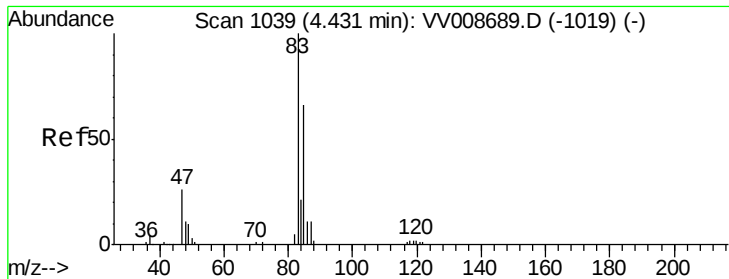
Tgt Ion: 63 Resp: 3085
 Ion Ratio Lower Upper
 63 100
 65 36.7 23.2 43.0
 83 16.3 9.5 17.7



#22
 cis-1,2-Dichloroethene
 Concen: 4.845 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: VV008699.D
 Acq: 21 Nov 2018 14:33

Tgt Ion: 96 Resp: 66594
 Ion Ratio Lower Upper
 96 100
 61 135.1 93.2 173.2
 68 0.0 0.0 0.0

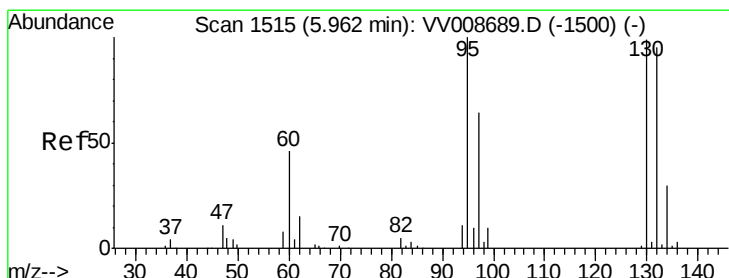
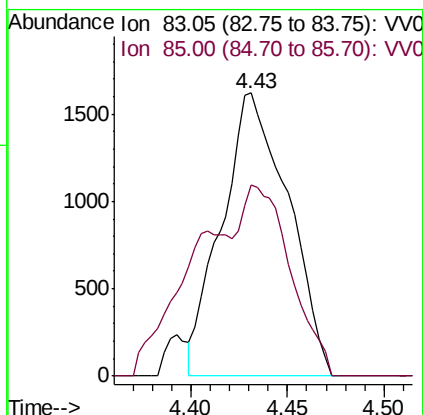
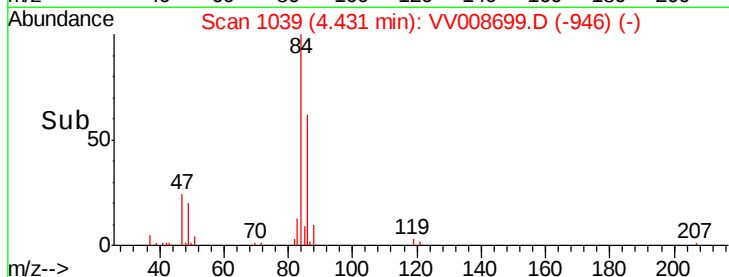
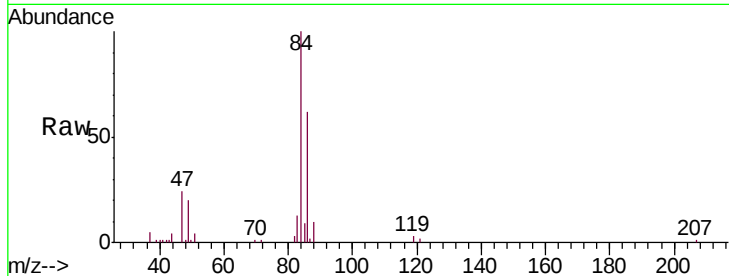




#25
Chloroform
Concen: 0.133 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV008699.D
Acq: 21 Nov 2018 14:33

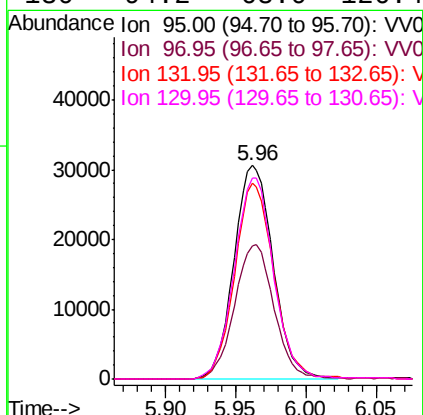
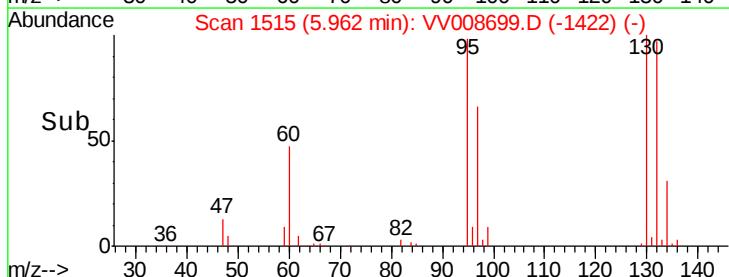
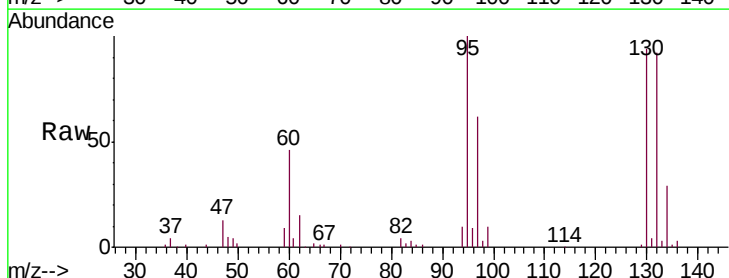
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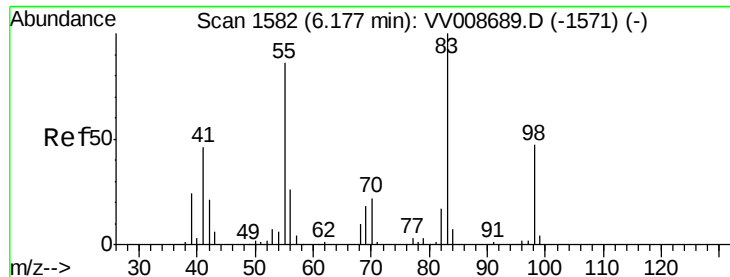
Tgt Ion: 83 Resp: 3868
Ion Ratio Lower Upper
83 100
85 67.6 44.4 82.5



#34
Trichloroethene
Concen: 4.333 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008699.D
Acq: 21 Nov 2018 14:33

Tgt Ion: 95 Resp: 59716
Ion Ratio Lower Upper
95 100
97 62.3 45.1 83.7
132 91.8 66.3 123.1
130 94.2 68.0 126.4

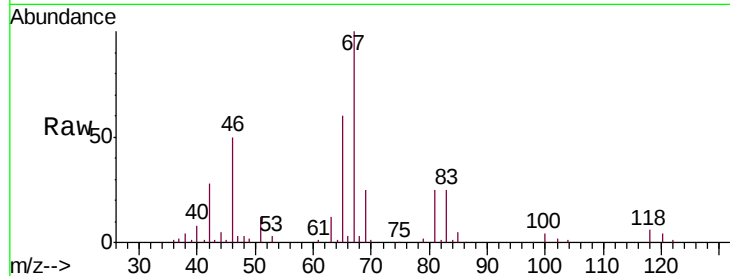




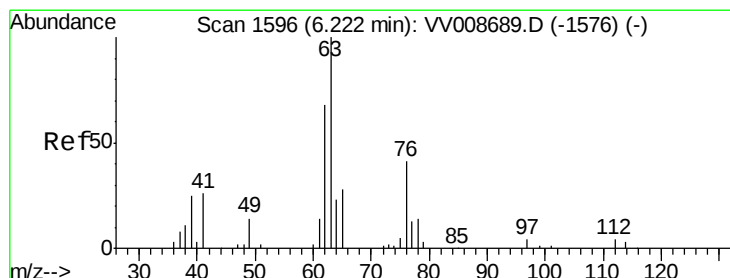
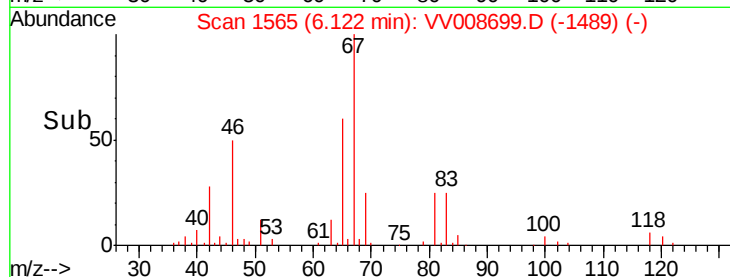
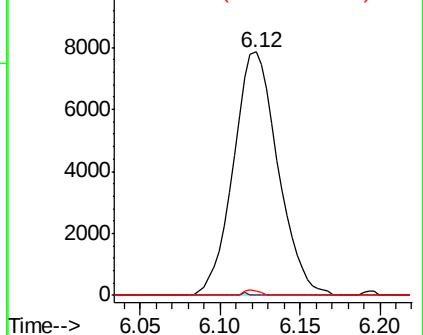
#35
Methylcyclohexane
Concen: 0.639 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008699.D
Acq: 21 Nov 2018 14:33

Instrument :
MSVOA_V
ClientSampleId :
H0FH2DL

Tgt Ion: 83 Resp: 14919
Ion Ratio Lower Upper
83 100
55 0.1 65.6 98.4#
98 0.8 36.4 54.6#

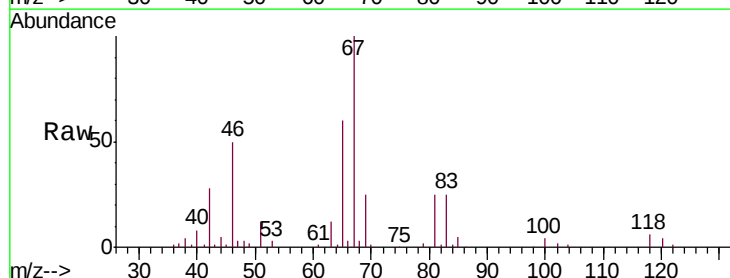


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

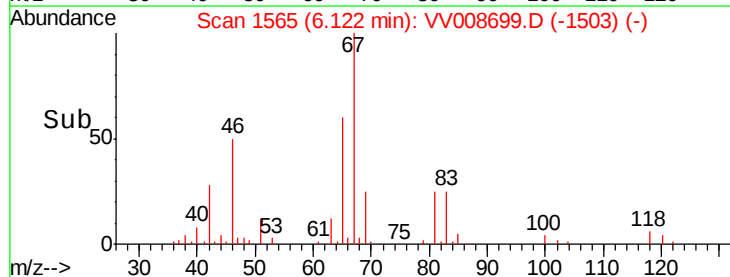
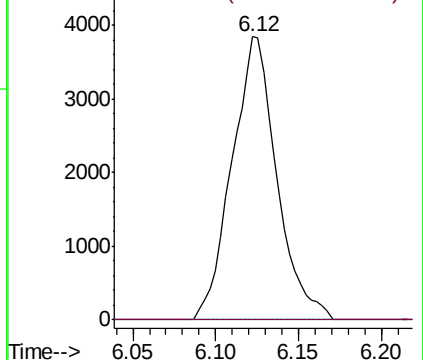


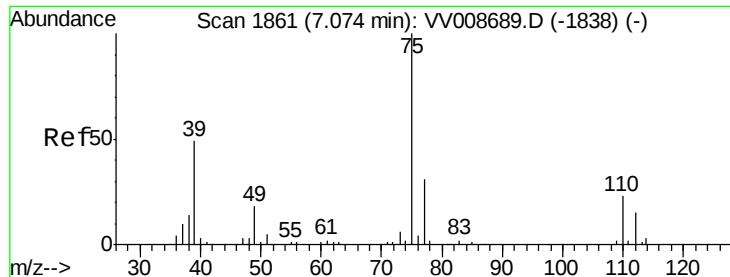
#37
1,2-Dichloropropane
Concen: 0.528 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008699.D
Acq: 21 Nov 2018 14:33

Tgt Ion: 63 Resp: 7235
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



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

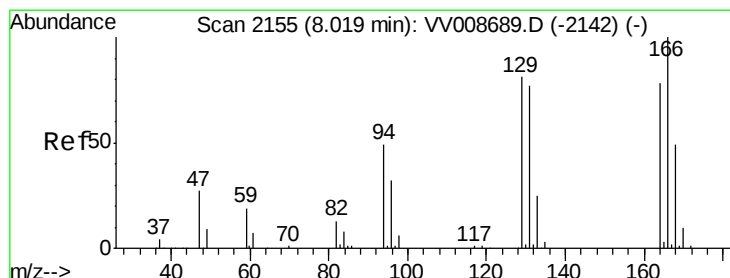
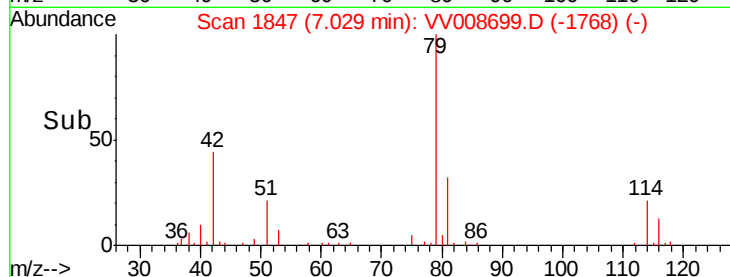
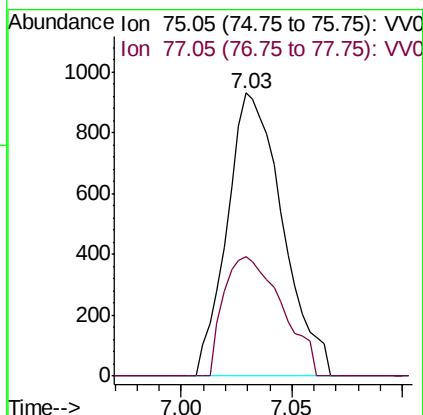
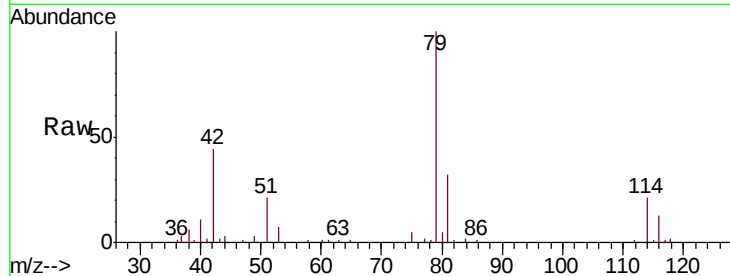




#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.05 min
 Lab File: VV008699.D
 Acq: 21 Nov 2018 14:33

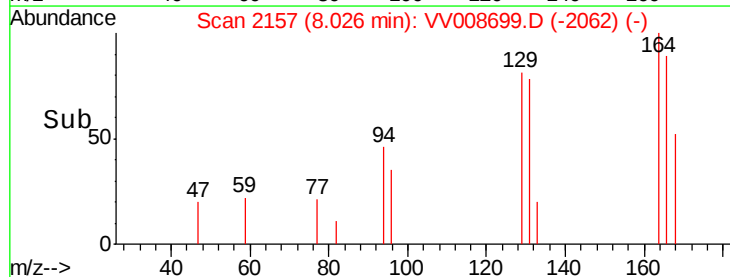
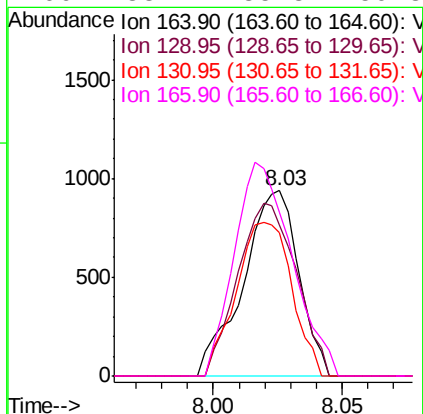
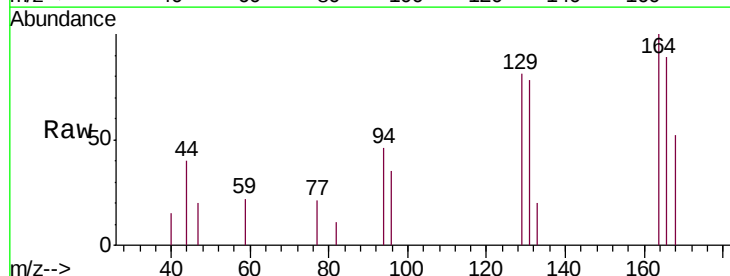
Instrument :
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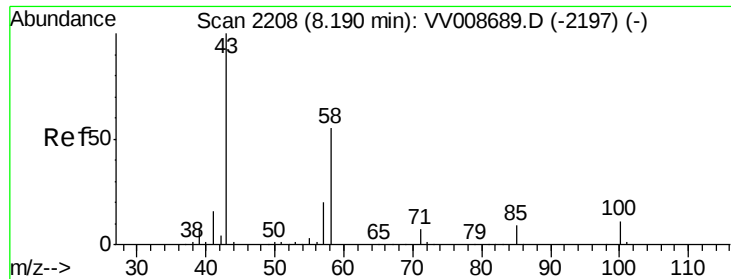
Tgt Ion: 75 Resp: 1625
 Ion Ratio Lower Upper
 75 100
 77 42.0 23.0 42.8



#47
 Tetrachloroethene
 Concen: 0.142 ug/L
 RT: 8.03 min Scan# 2157
 Delta R.T. 0.01 min
 Lab File: VV008699.D
 Acq: 21 Nov 2018 14:33

Tgt Ion: 164 Resp: 1415
 Ion Ratio Lower Upper
 164 100
 129 81.2 67.5 125.4
 131 77.6 66.4 123.4
 166 88.7 85.8 159.3

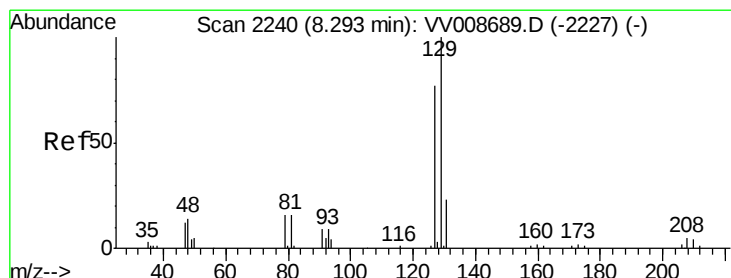
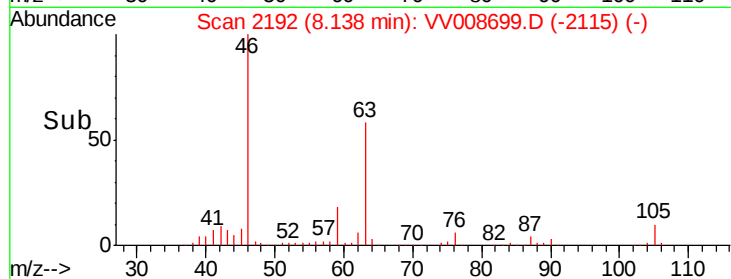
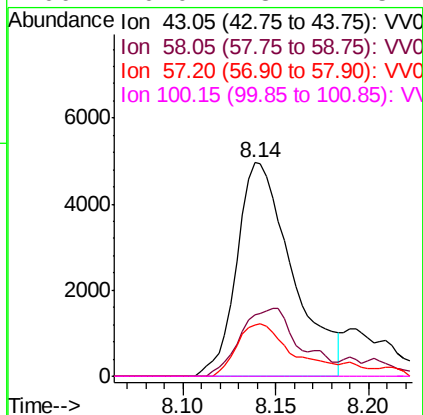
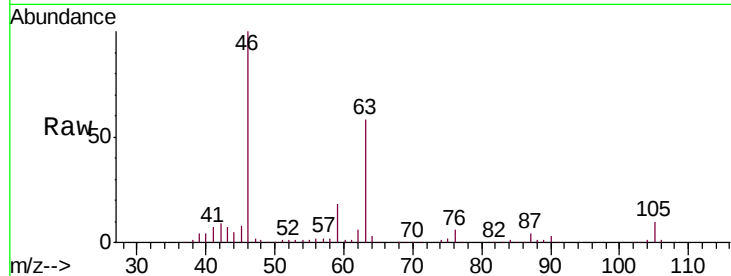




#48
2-Hexanone
Concen: 1.915 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV008699.D
Acq: 21 Nov 2018 14:33

Instrument :
MSVOA_V
ClientSampleId :
H0FH2DL

Tgt Ion:	43	Resp:	10366
Ion	Ratio	Lower	Upper
43	100		
58	34.1	41.8	62.8#
57	24.7	15.4	23.0#
100	0.0	8.7	13.1#



#49
Dibromochloromethane
Concen: 0.137 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV008699.D
Acq: 21 Nov 2018 14:33

Tgt Ion:	129	Resp:	1355
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.6	101.4#

