

Data File : VV008700.D
Acq On : 21 Nov 2018 14:58
Operator : SY/MD
Sample : J6026-02DL 10X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0FK1DL

Quant Time: Nov 22 00:41:14 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	178744	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	161145	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69812	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41657	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.59	69	28449	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.14	63	59828	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.96	46	118871	41.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.68%
24) Chloroform-d	4.41	84	95624	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.09	65	49550	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.10	84	199974	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.12	67	61169	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.36	98	179339	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.67	79	18365	3.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.00%
46) 2-Hexanone-d5	8.14	63	80029	34.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38164	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	60058	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

					Qvalue
5) Vinyl chloride	1.33	62	10095	0.893 ug/L	95
16) Methylene chloride	2.54	84	2685	0.266 ug/L	80
17) Methyl tert-butyl Ether	2.82	73	16031	0.727 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	6671	0.742 ug/L	94
19) 1,1-Dichloroethane	3.24	63	2146	0.094 ug/L	93
22) cis-1,2-Dichloroethene	3.97	96	99767	7.348 ug/L	96
25) Chloroform	4.43	83	3813	0.133 ug/L	85
34) Trichloroethene	5.96	95	58487	4.331 ug/L	99
35) Methylcyclohexane	6.12	83	14636	0.640 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6675	0.497 ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	1425	0.079 ug/L	85
47) Tetrachloroethene	8.02	164	1147	0.117 ug/L	89
48) 2-Hexanone	8.14	43	9208	1.736 ug/L #	71
49) Dibromochloromethane	8.02	129	1160	0.119 ug/L #	10

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

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Sample : J6026-02DL 10X

Misc : 25.0 mL/MSVOA V/WATER

```
ALS Vial      : 13      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
H0FK1DL

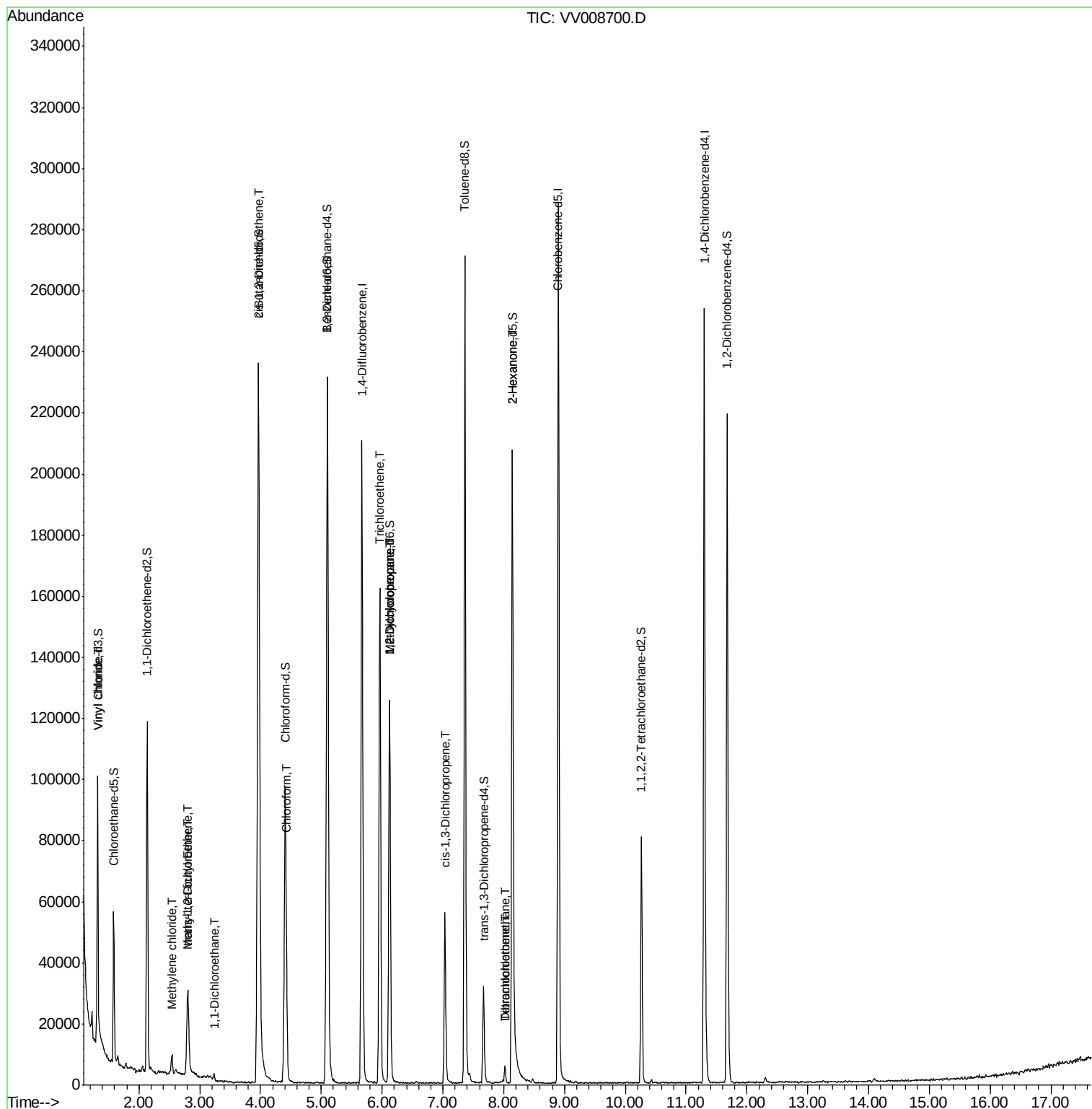
Quant Time: Nov 22 00:41:14 2018

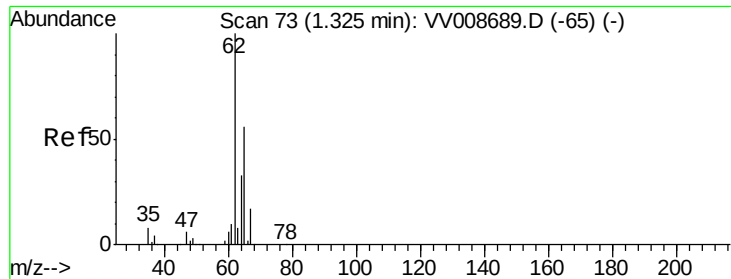
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Quant Title : TRACE VOA SOM01.0

QLast Update : Thu Nov 22 00:36:45 2018

Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.893 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008700.D

Acq: 21 Nov 2018 14:58

Instrument :

MSVOA_V

ClientSampleId :

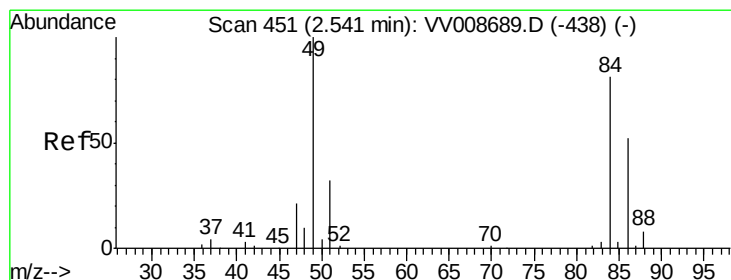
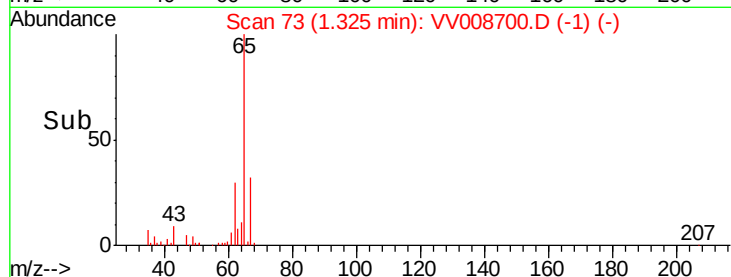
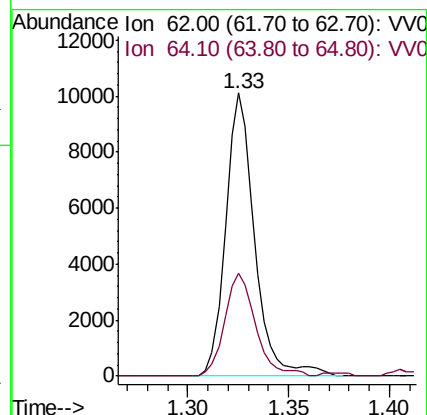
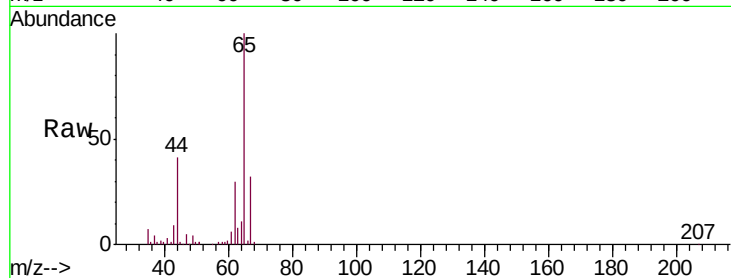
H0FK1DL

Tgt Ion: 62 Resp: 10095

Ion Ratio Lower Upper

62 100

64 36.1 23.4 43.4



#16

Methylene chloride

Concen: 0.266 ug/L

RT: 2.54 min Scan# 451

Delta R.T. -0.00 min

Lab File: VV008700.D

Acq: 21 Nov 2018 14:58

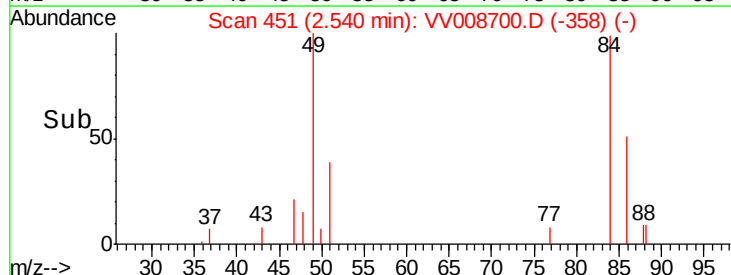
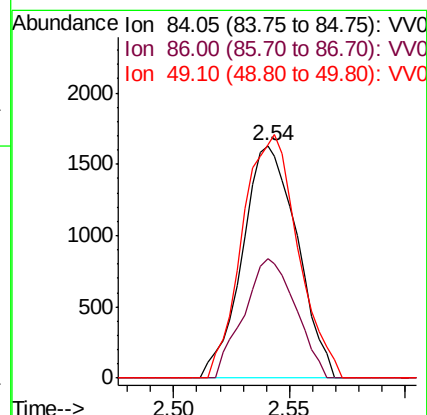
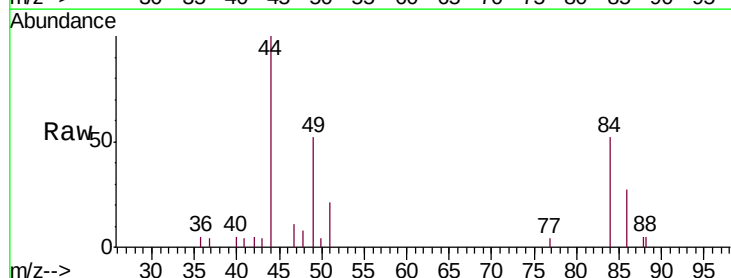
Tgt Ion: 84 Resp: 2685

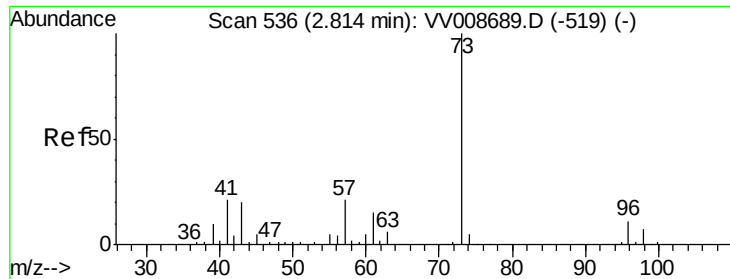
Ion Ratio Lower Upper

84 100

86 51.3 44.8 83.2

49 100.6 88.1 163.7

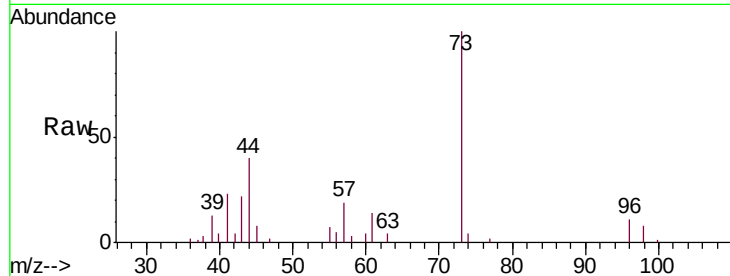




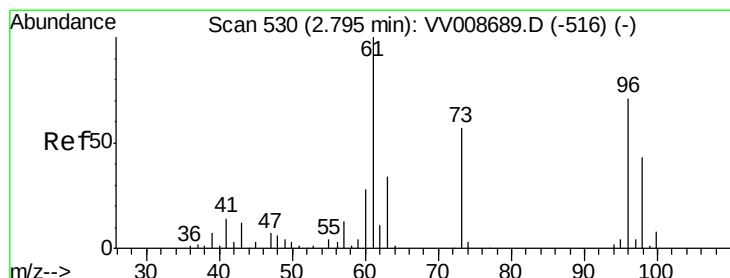
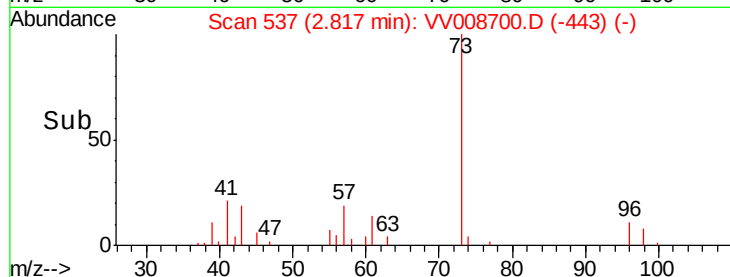
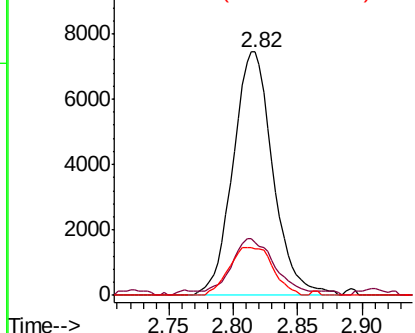
#17
Methyl tert-butyl Ether
Concen: 0.727 ug/L
RT: 2.82 min Scan# 537
Delta R.T. 0.00 min
Lab File: VV008700.D
Acq: 21 Nov 2018 14:58

Instrument :
MSVOA_V
ClientSampleId :
H0FK1DL

Tgt Ion: 73 Resp: 16031
Ion Ratio Lower Upper
73 100
43 22.4 18.1 27.1
57 21.7 17.9 26.9

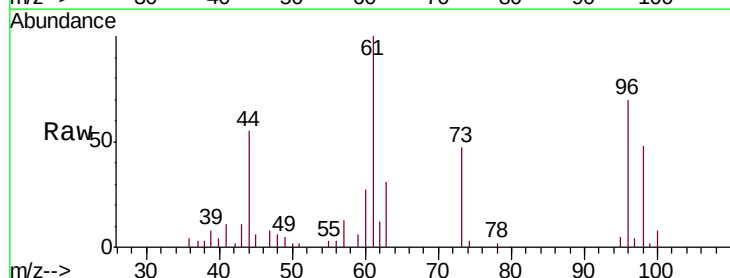


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

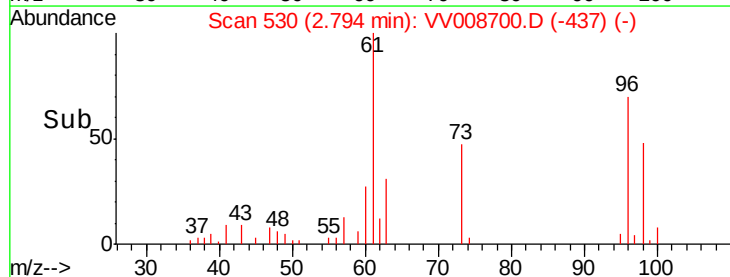
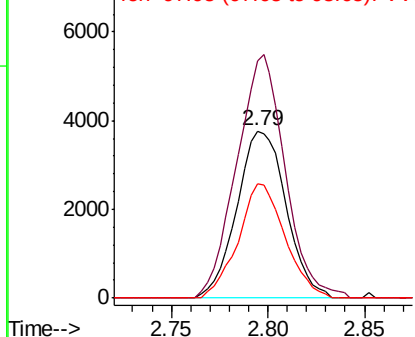


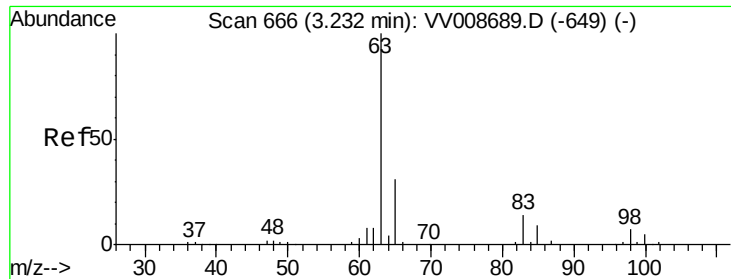
#18
trans-1,2-Dichloroethene
Concen: 0.742 ug/L
RT: 2.79 min Scan# 530
Delta R.T. -0.00 min
Lab File: VV008700.D
Acq: 21 Nov 2018 14:58

Tgt Ion: 96 Resp: 6671
Ion Ratio Lower Upper
96 100
61 142.2 97.1 180.3
98 68.9 41.9 77.7



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0

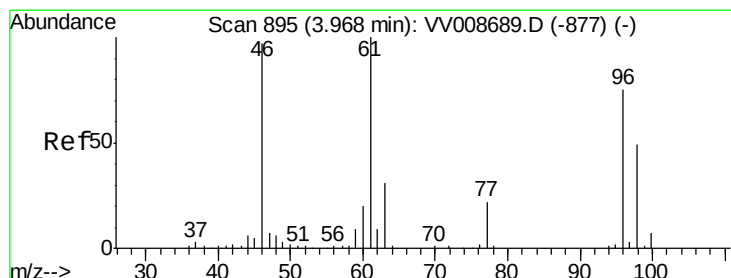
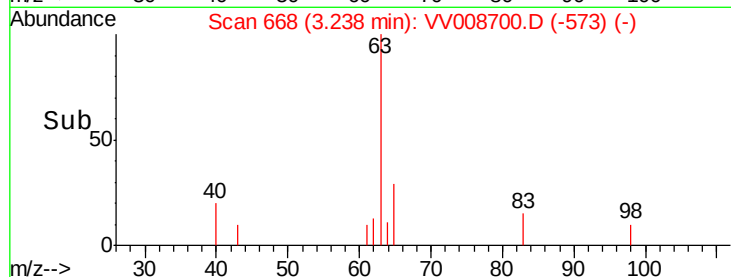
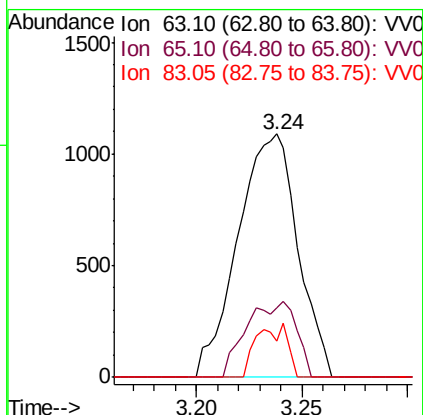
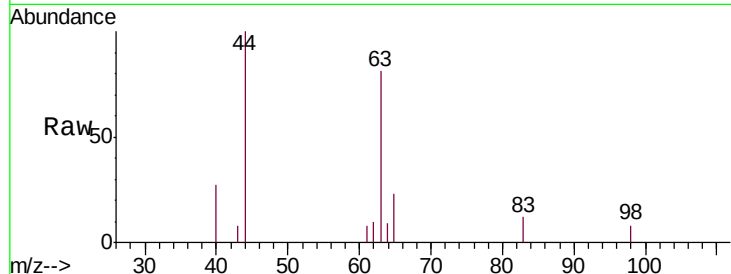




#19
 1,1-Dichloroethane
 Concen: 0.094 ug/L
 RT: 3.24 min Scan# 668
 Delta R.T. 0.01 min
 Lab File: VV008700.D
 Acq: 21 Nov 2018 14:58

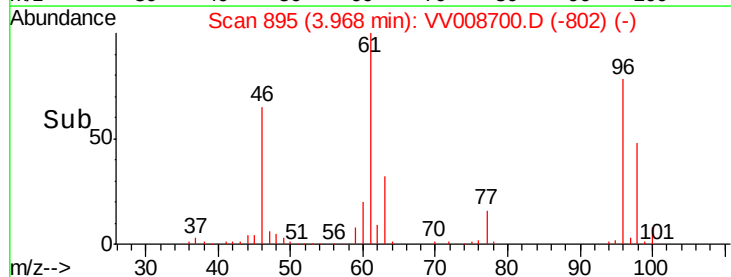
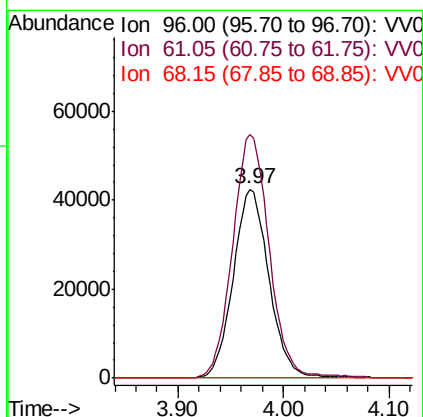
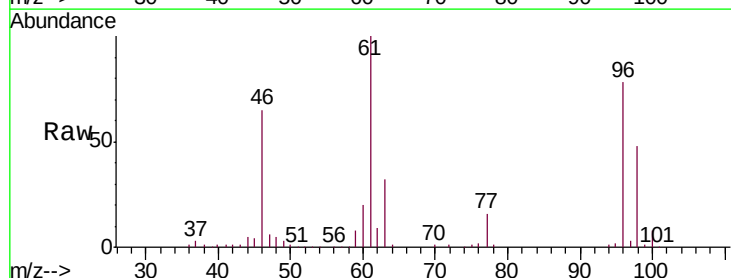
Instrument :
 MSVOA_V
 ClientSampled :
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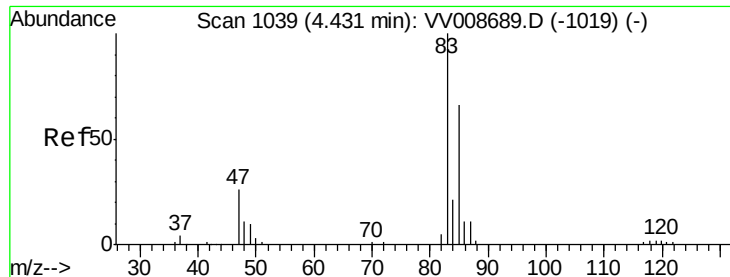
Tgt Ion: 63 Resp: 2146
 Ion Ratio Lower Upper
 63 100
 65 28.5 23.2 43.0
 83 14.8 9.5 17.7



#22
 cis-1,2-Dichloroethene
 Concen: 7.348 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: VV008700.D
 Acq: 21 Nov 2018 14:58

Tgt Ion: 96 Resp: 99767
 Ion Ratio Lower Upper
 96 100
 61 128.8 93.2 173.2
 68 0.0 0.0 0.0

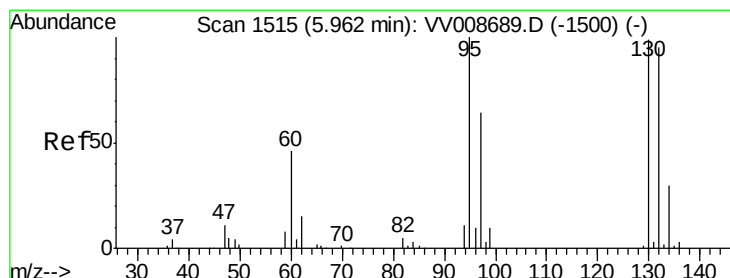
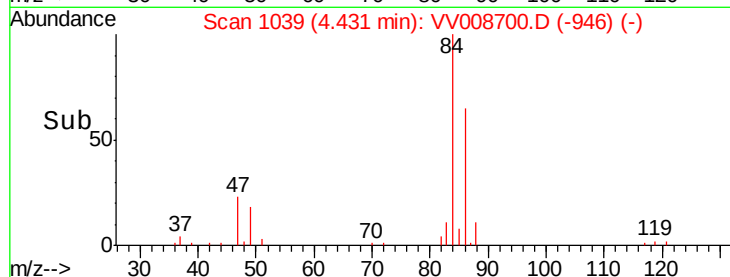
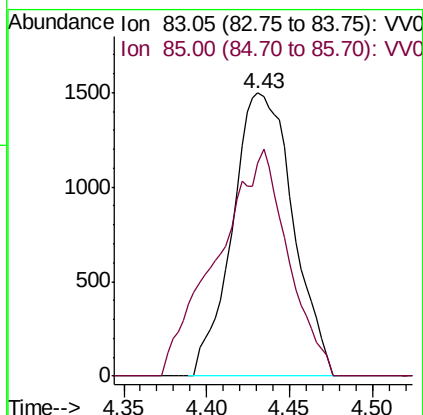
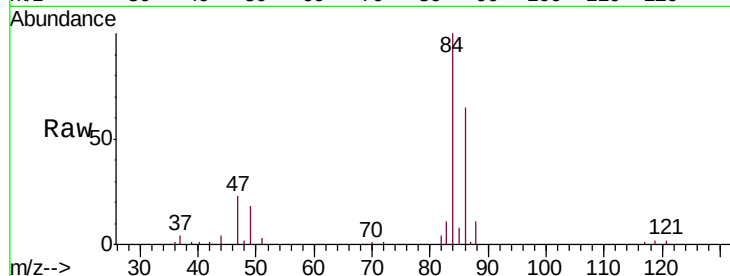




#25
Chloroform
Concen: 0.133 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV008700.D
Acq: 21 Nov 2018 14:58

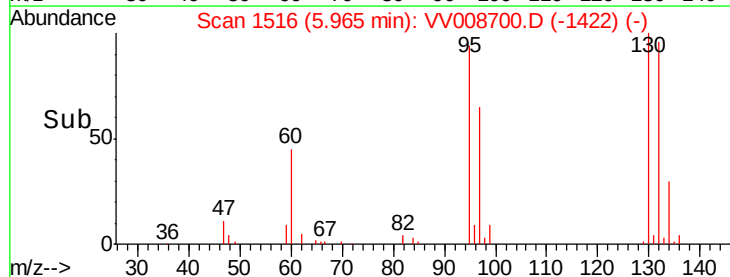
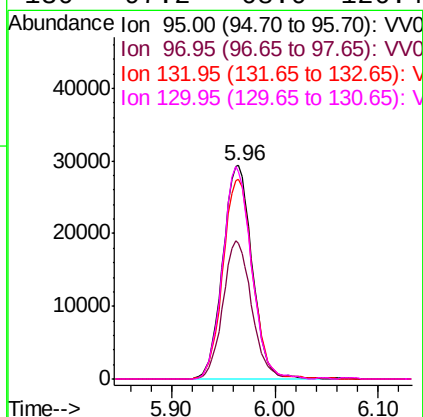
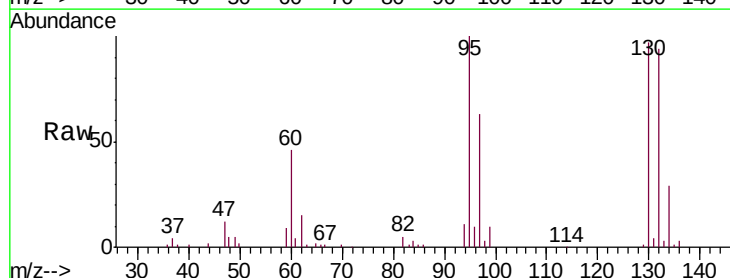
Instrument :
MSVOA_V
ClientSampleId :
H0FK1DL

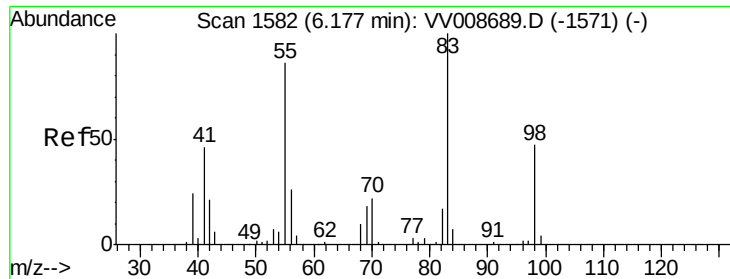
Tgt Ion: 83 Resp: 3813
Ion Ratio Lower Upper
83 100
85 75.2 44.4 82.5



#34
Trichloroethene
Concen: 4.331 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008700.D
Acq: 21 Nov 2018 14:58

Tgt Ion: 95 Resp: 58487
Ion Ratio Lower Upper
95 100
97 63.5 45.1 83.7
132 93.6 66.3 123.1
130 97.2 68.0 126.4

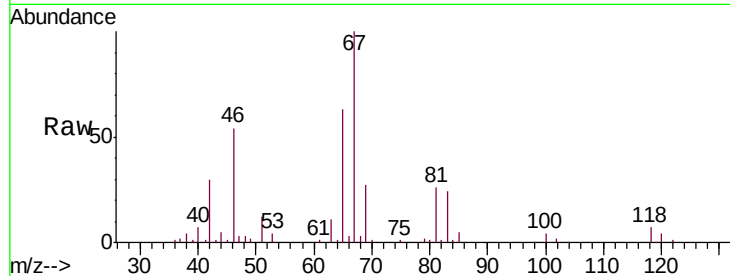




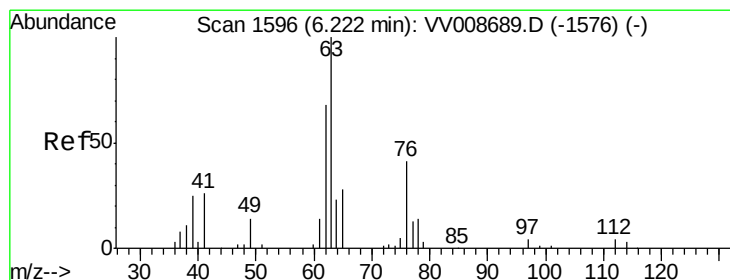
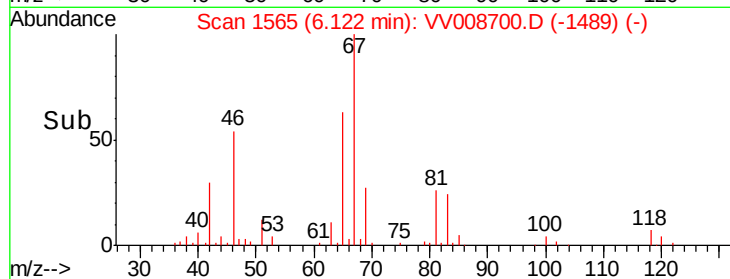
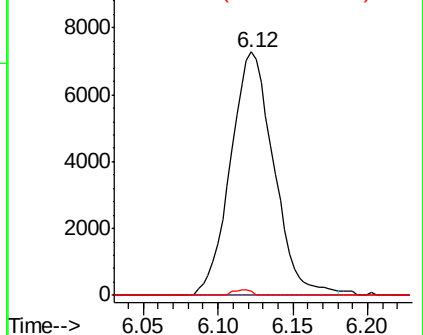
#35
Methylcyclohexane
Concen: 0.640 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008700.D
Acq: 21 Nov 2018 14:58

Instrument :
MSVOA_V
ClientSampleId :
H0FK1DL

Tgt Ion: 83 Resp: 14636
Ion Ratio Lower Upper
83 100
55 0.0 65.6 98.4#
98 0.9 36.4 54.6#

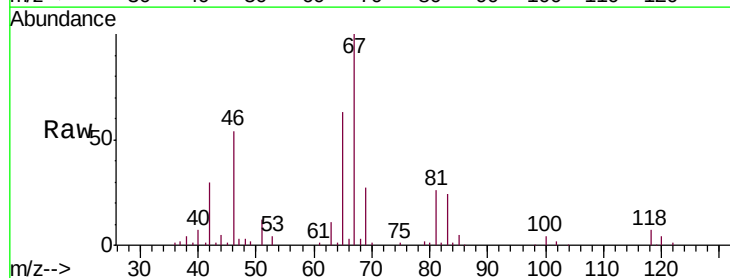


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

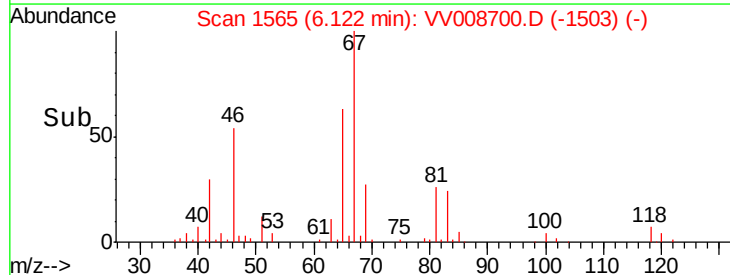
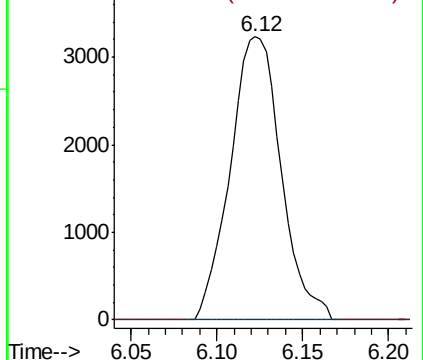


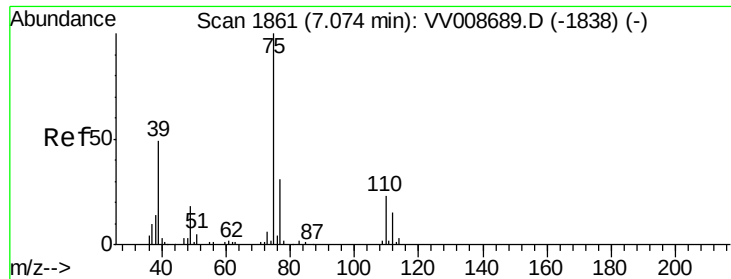
#37
1,2-Dichloropropane
Concen: 0.497 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008700.D
Acq: 21 Nov 2018 14:58

Tgt Ion: 63 Resp: 6675
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: 0.079 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008700.D

Acq: 21 Nov 2018 14:58

Instrument :

MSVOA_V

ClientSampleId :

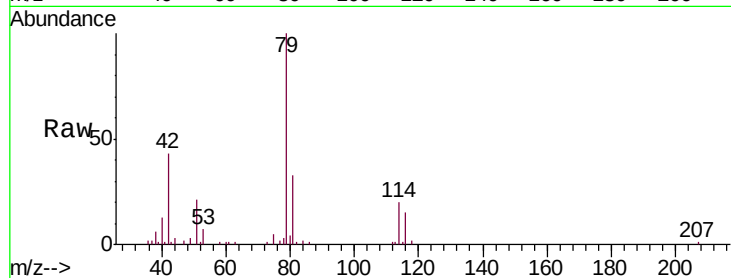
H0FK1DL

Tgt Ion: 75 Resp: 1425

Ion Ratio Lower Upper

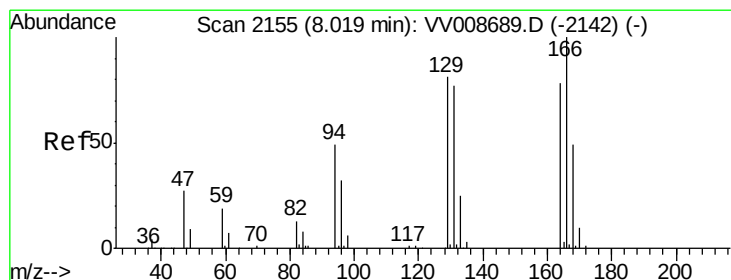
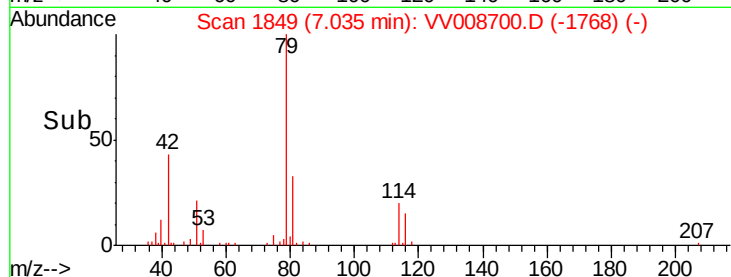
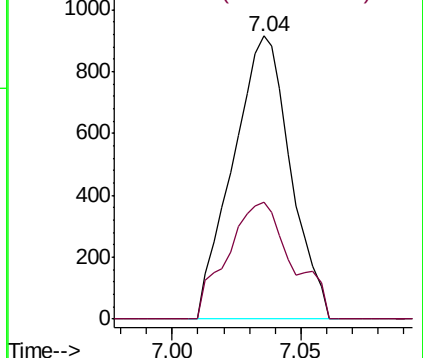
75 100

77 41.5 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VV008689.D (-1838) (-)

Ion 77.05 (76.75 to 77.75): VV008689.D (-1838) (-)



#47

Tetrachloroethene

Concen: 0.117 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV008700.D

Acq: 21 Nov 2018 14:58

Tgt Ion: 164 Resp: 1147

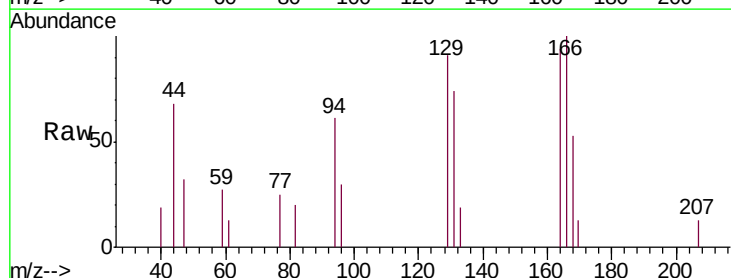
Ion Ratio Lower Upper

164 100

129 97.4 67.5 125.4

131 79.0 66.4 123.4

166 106.8 85.8 159.3

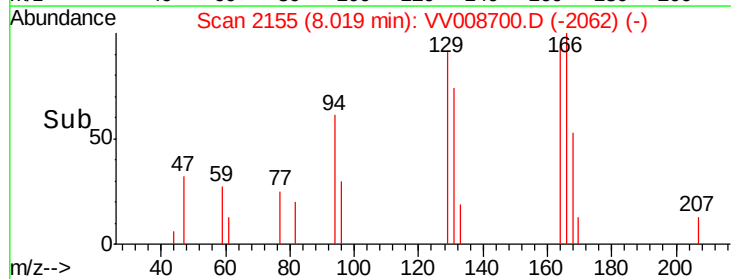
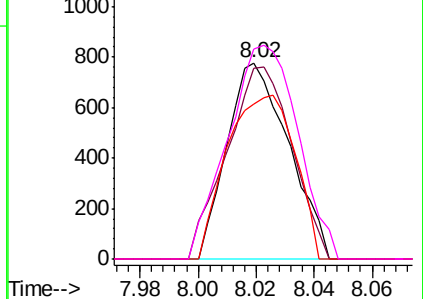


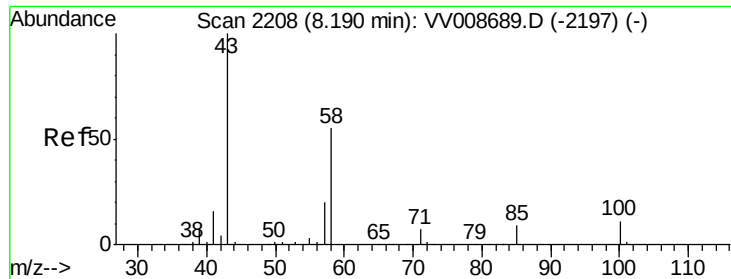
Abundance Ion 163.90 (163.60 to 164.60): VV008689.D (-2142) (-)

Ion 128.95 (128.65 to 129.65): VV008689.D (-2142) (-)

Ion 130.95 (130.65 to 131.65): VV008689.D (-2142) (-)

Ion 165.90 (165.60 to 166.60): VV008689.D (-2142) (-)

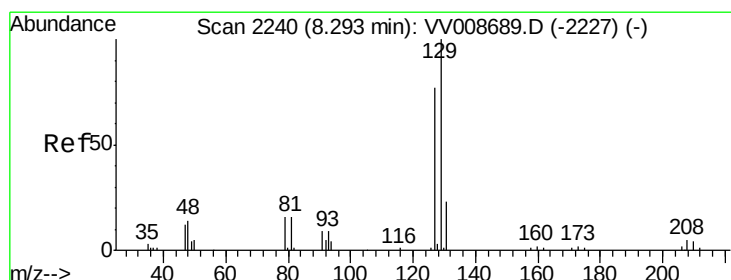
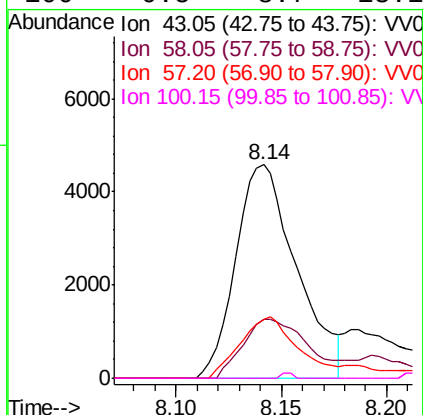
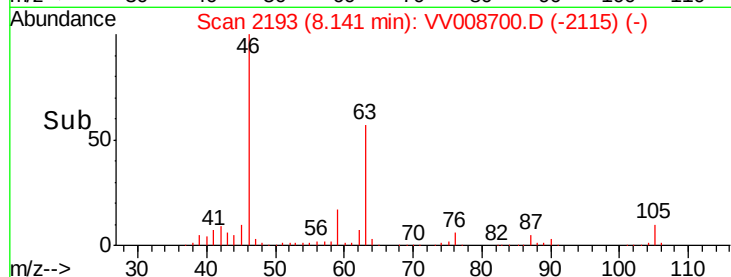
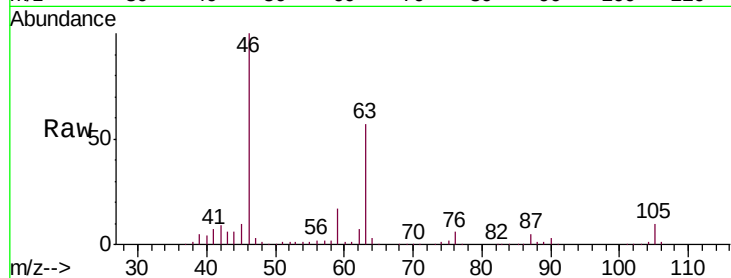




#48
2-Hexanone
Concen: 1.736 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV008700.D
Acq: 21 Nov 2018 14:58

Instrument :
MSVOA_V
ClientSampleId :
H0FK1DL

Tgt Ion: 43 Resp: 9208
Ion Ratio Lower Upper
43 100
58 29.3 41.8 62.8#
57 27.3 15.4 23.0#
100 0.5 8.7 13.1#



#49
Dibromochloromethane
Concen: 0.119 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV008700.D
Acq: 21 Nov 2018 14:58

Tgt Ion: 129 Resp: 1160
Ion Ratio Lower Upper
129 100
127 0.0 54.6 101.4#

