

Data File : VV007683.D
Acq On : 21 Sep 2018 04:18
Operator : SY/MD
Sample : J4990-11
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT13

Quant Time: Sep 21 07:06:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 03:27:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	104091	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	94865	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51273	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17703	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.58	69	19738	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.13	63	34056	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	3.96	46	53169	48.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.44%
24) Chloroform-d	4.41	84	45635	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.09	65	24169	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.10	84	88705	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.12	67	26976	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	86552	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.67	79	8727	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.14	63	39181	45.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21493	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	39915	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

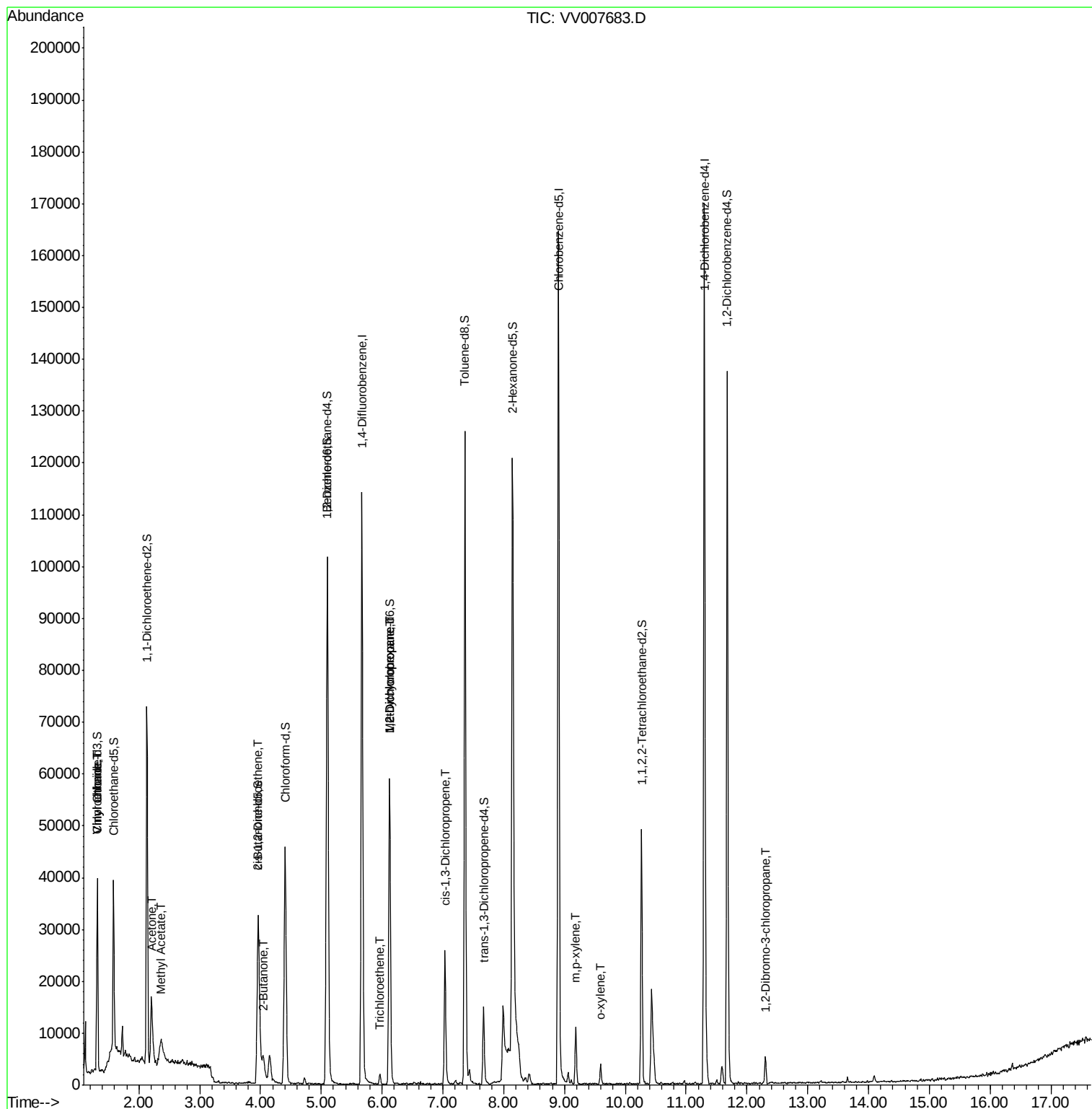
					Qvalue	
5) Vinyl chloride	1.32	62	2724	0.360	ug/L #	78
8) Chloroethane	1.32	64	1084	0.220	ug/L	83
13) Acetone	2.21	43	15792	15.021	ug/L	100
15) Methyl Acetate	2.36	43	1278	0.493	ug/L #	49
21) 2-Butanone	4.05	43	3318	2.502	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	1012	0.138	ug/L	97
34) Trichloroethene	5.97	95	633	0.085	ug/L	92
35) Methylcyclohexane	6.12	83	6714	0.587	ug/L #	20
37) 1,2-Dichloropropane	6.13	63	3199	0.526	ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	731	0.083	ug/L #	70
53) m,p-xylene	9.18	106	3423	0.268	ug/L	84
54) o-xylene	9.59	106	1037	0.083	ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.30	75	112	0.154	ug/L #	1

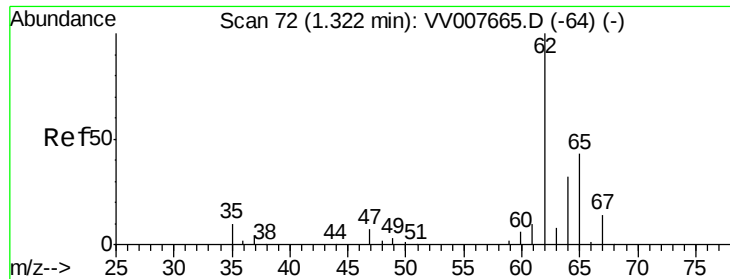
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.360 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

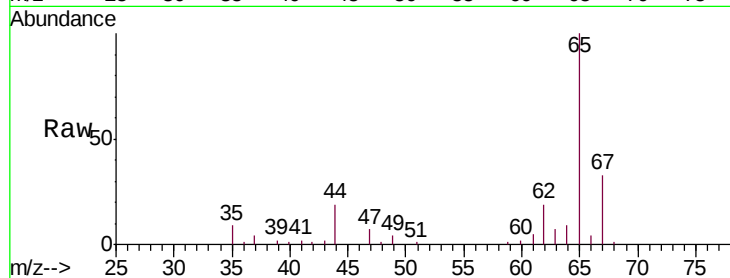
C0T13

Tgt Ion: 62 Resp: 2724

Ion Ratio Lower Upper

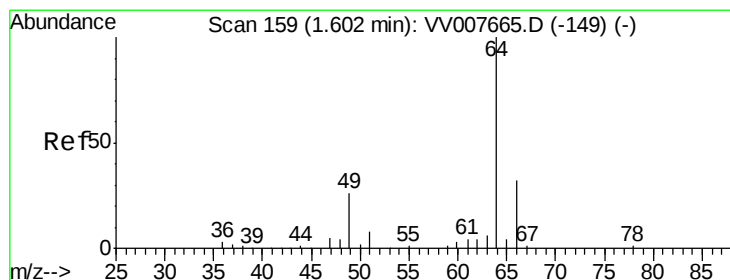
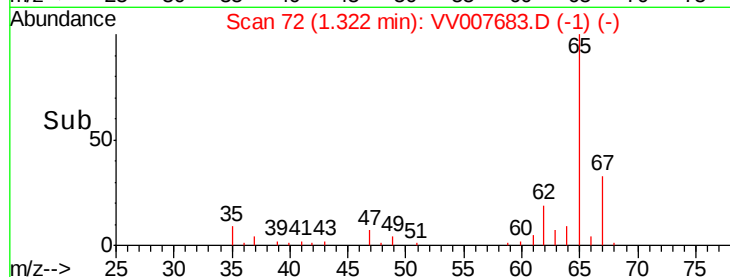
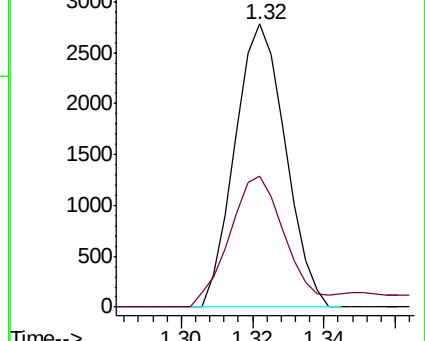
62 100

64 46.4 23.5 43.7#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#8

Chloroethane

Concen: 0.220 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV007683.D

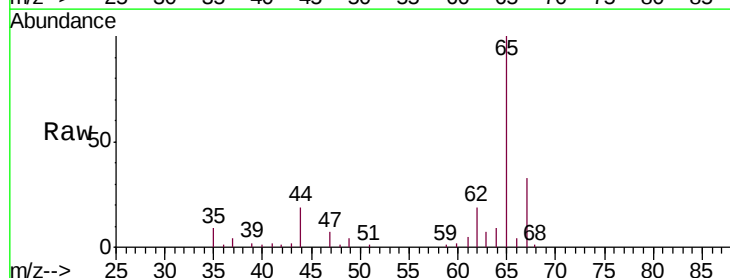
Acq: 21 Sep 2018 04:18

Tgt Ion: 64 Resp: 1084

Ion Ratio Lower Upper

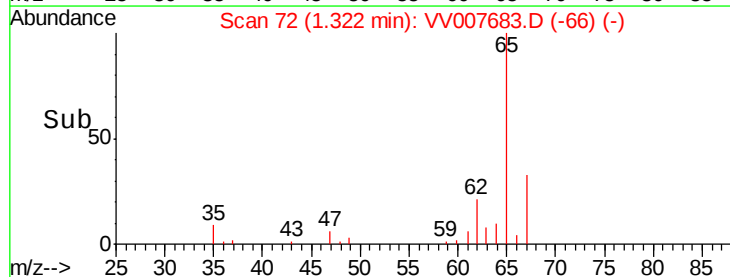
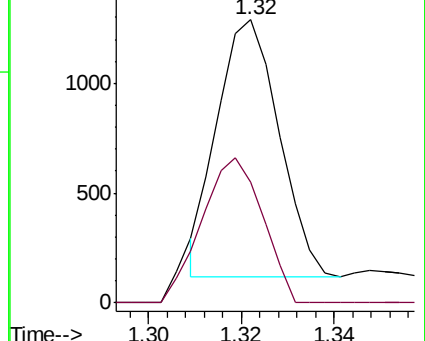
64 100

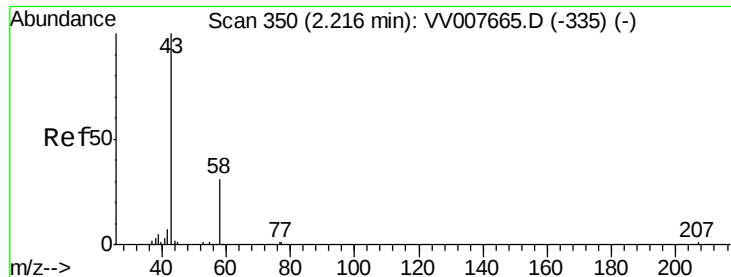
66 42.9 23.4 43.4



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 15.021 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV007683.D

Acq: 21 Sep 2018 04:18

Instrument :

MSVOA_V

ClientSampleId :

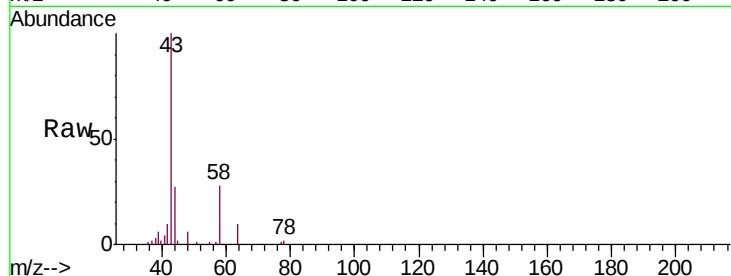
C0T13

Tgt Ion: 43 Resp: 15792

Ion Ratio Lower Upper

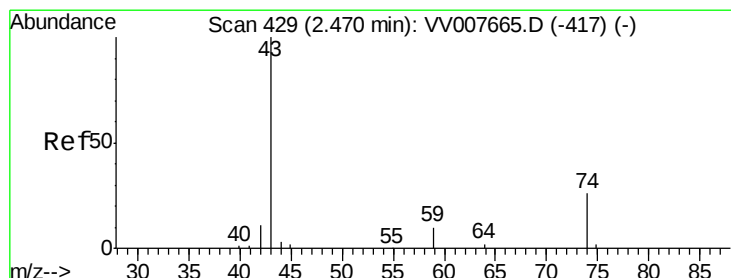
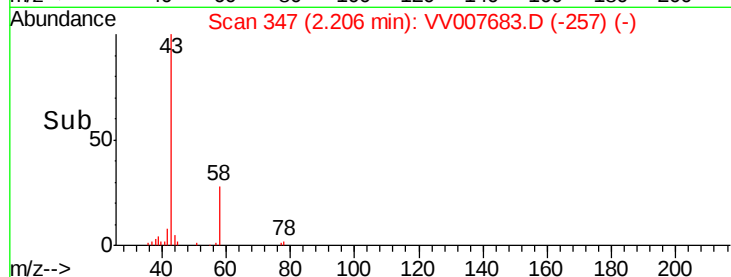
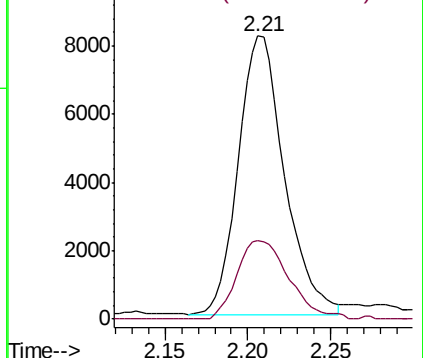
43 100

58 31.8 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#15

Methyl Acetate

Concen: 0.493 ug/L

RT: 2.36 min Scan# 396

Delta R.T. -0.11 min

Lab File: VV007683.D

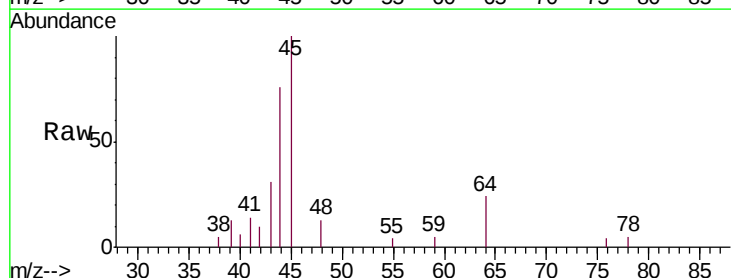
Acq: 21 Sep 2018 04:18

Tgt Ion: 43 Resp: 1278

Ion Ratio Lower Upper

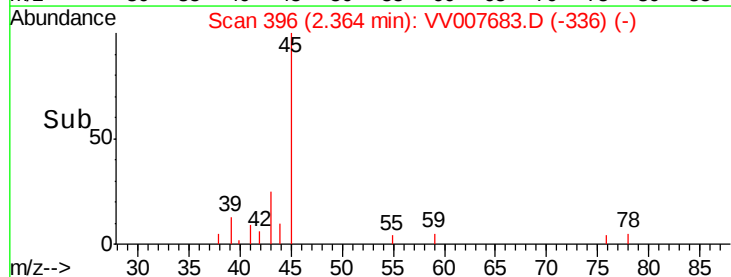
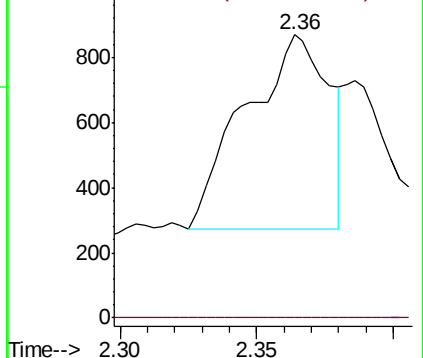
43 100

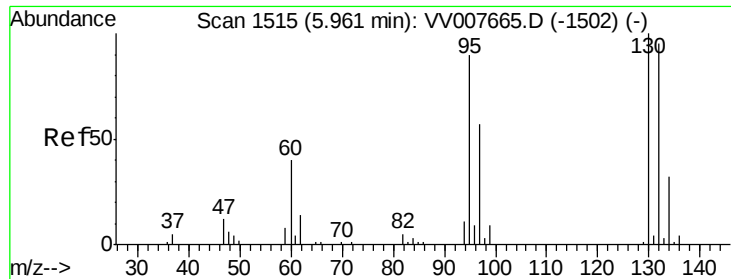
74 0.0 20.6 30.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

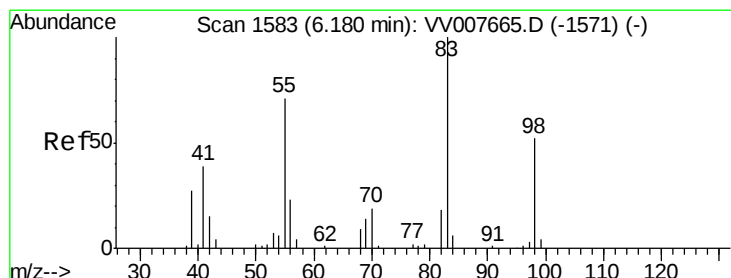
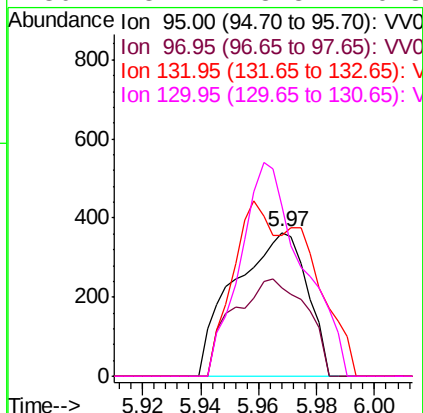
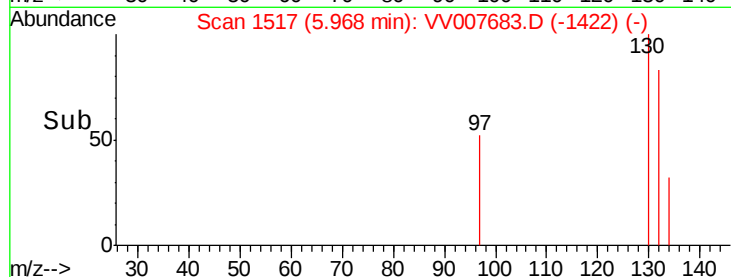
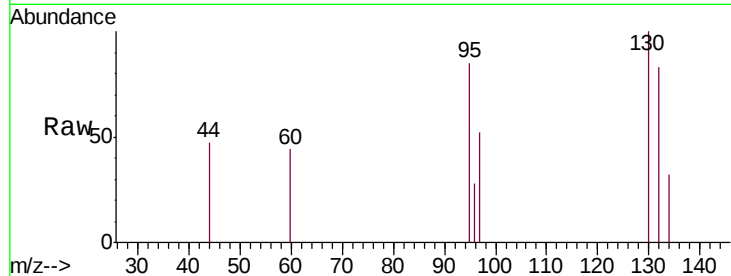




#34
 Trichloroethene
 Concen: 0.085 ug/L
 RT: 5.97 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: VV007683.D
 Acq: 21 Sep 2018 04:18

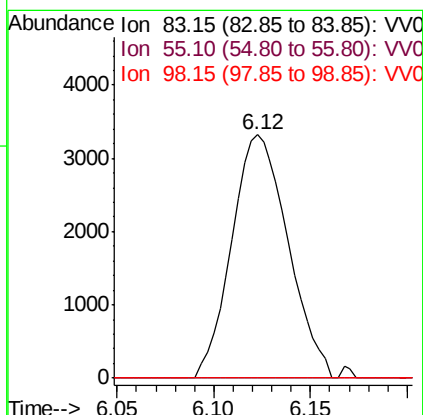
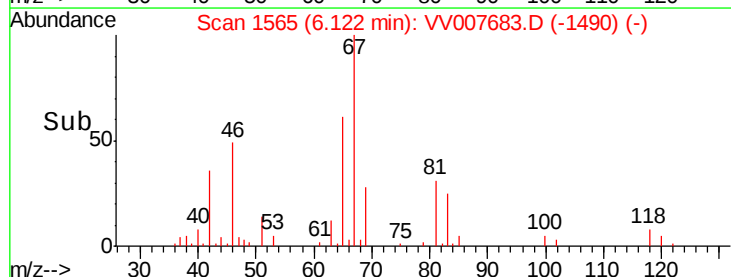
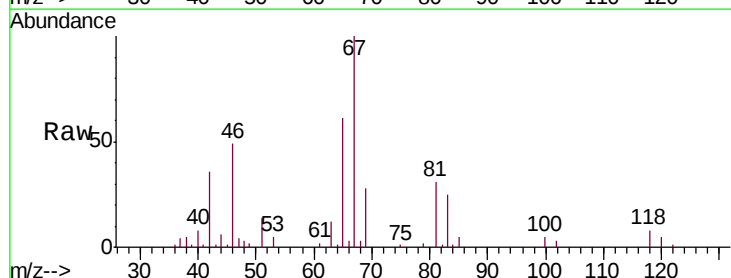
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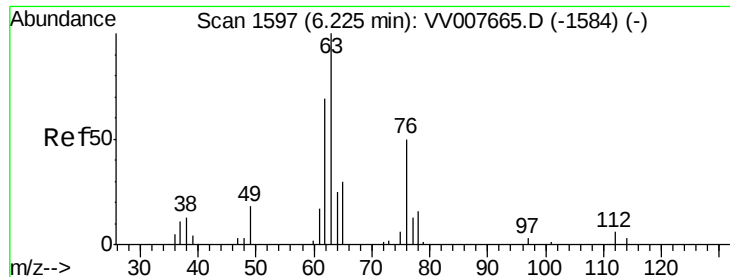
Tgt Ion: 95 Resp: 633
 Ion Ratio Lower Upper
 95 100
 97 61.8 45.1 83.9
 132 97.5 78.2 145.2
 130 118.1 78.8 146.3



#35
 Methylcyclohexane
 Concen: 0.587 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.06 min
 Lab File: VV007683.D
 Acq: 21 Sep 2018 04:18

Tgt Ion: 83 Resp: 6714
 Ion Ratio Lower Upper
 83 100
 55 0.0 54.8 82.2#
 98 0.0 40.7 61.1#

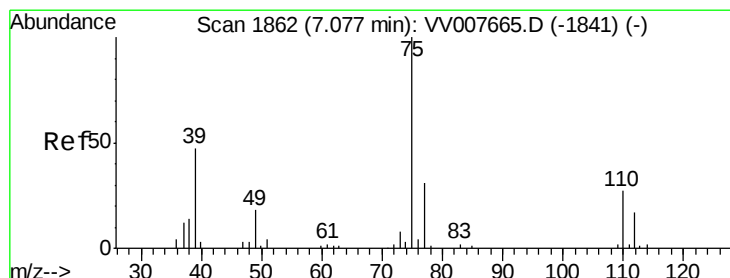
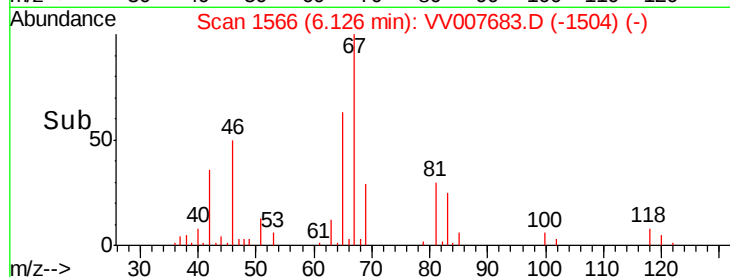
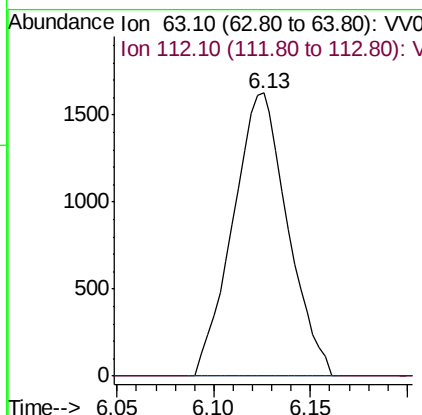
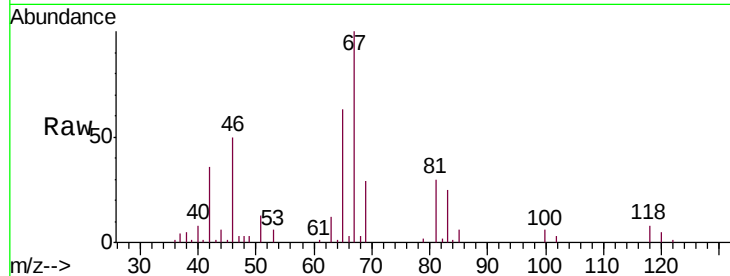




#37
 1,2-Dichloropropane
 Concen: 0.526 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV007683.D
 Acq: 21 Sep 2018 04:18

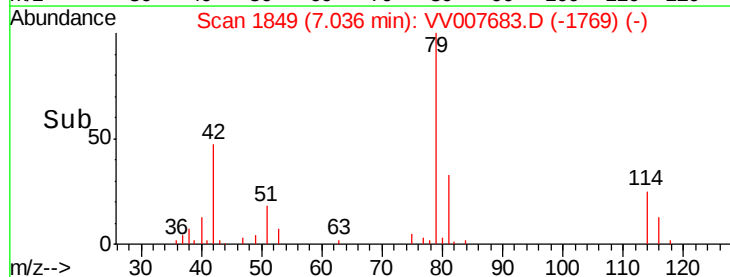
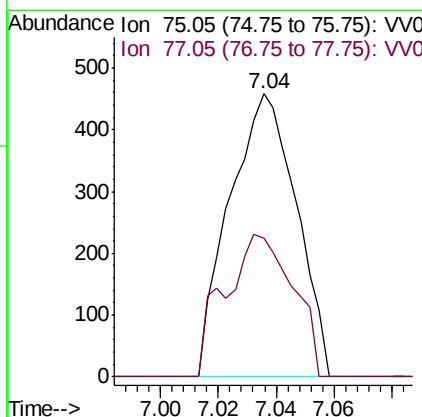
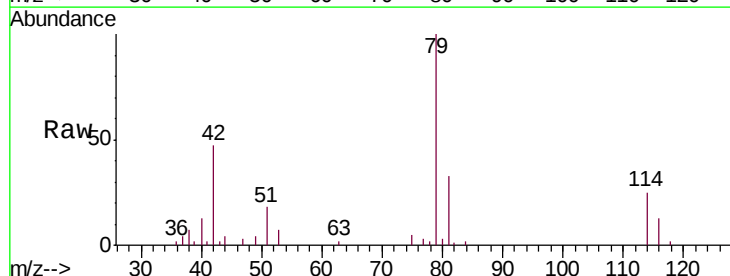
Instrument :
 MSVOA_V
 ClientSampled :
 COT13

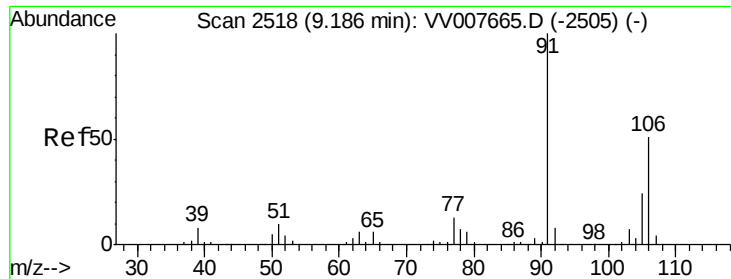
Tgt Ion: 63 Resp: 3199
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007683.D
 Acq: 21 Sep 2018 04:18

Tgt Ion: 75 Resp: 731
 Ion Ratio Lower Upper
 75 100
 77 49.1 22.7 42.3#

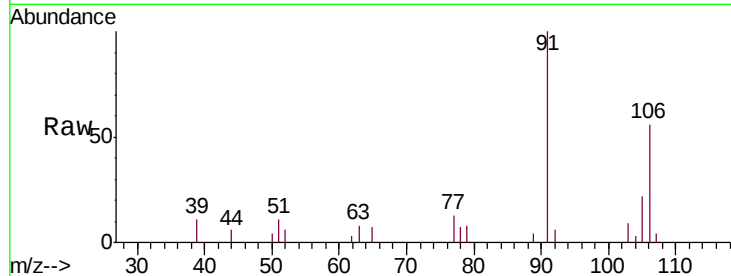




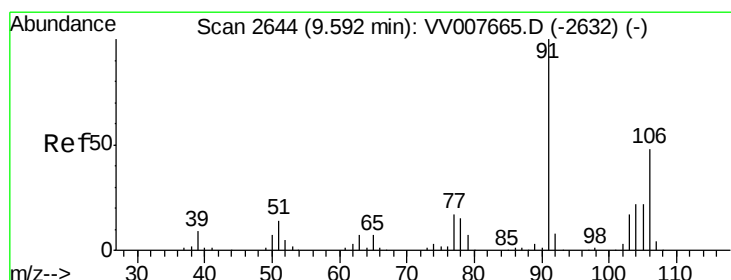
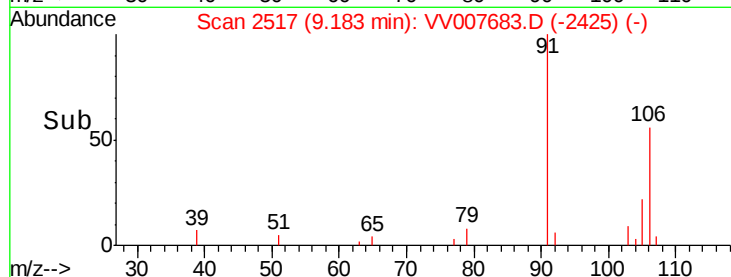
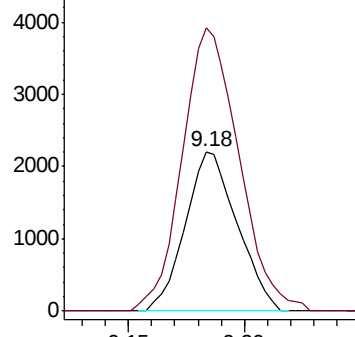
#53
m,p-xylene
Concen: 0.268 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. -0.00 min
Lab File: VV007683.D
Acq: 21 Sep 2018 04:18

Instrument :
MSVOA_V
ClientSampled :
COT13

Tgt Ion:106 Resp: 3423
Ion Ratio Lower Upper
106 100
91 177.2 140.9 261.7

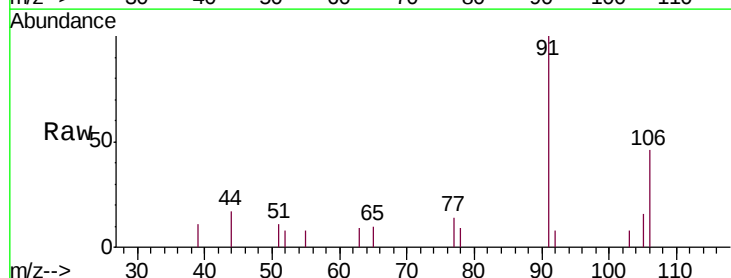


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

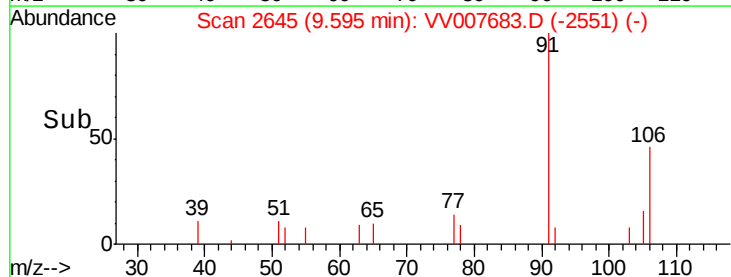
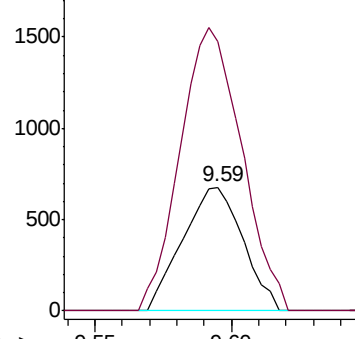


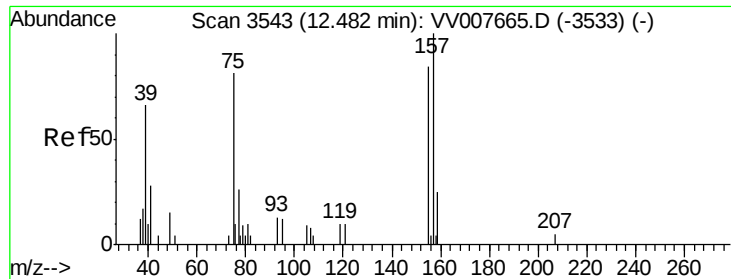
#54
o-xylene
Concen: 0.083 ug/L
RT: 9.59 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VV007683.D
Acq: 21 Sep 2018 04:18

Tgt Ion:106 Resp: 1037
Ion Ratio Lower Upper
106 100
91 217.1 143.3 266.1



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0





#66

1,2-Dibromo-3-chloropropane

Concen: 0.154 ug/L

RT: 12.30 min Scan# 3487

Delta R.T. -0.18 min

Lab File: VV007683.D

Acq: 21 Sep 2018 04:18

Instrument :

MSVOA_V

ClientSampleId :

C0T13

Tgt Ion: 75 Resp: 112

Ion Ratio Lower Upper

75 100

155 0.0 84.6 127.0#

157 0.0 116.8 175.2#

