

Data File : VV011746.D
Acq On : 25 Jun 2019 13:29
Operator : SY/MD
Sample : K3462-14DL 4X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCP9DL

Quant Time: Jun 26 01:44:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 26 01:40:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	163306	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	146084	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59136	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50381	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	39895	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.12	63	79169	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.96	46	156281	54.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.48%
24) Chloroform-d	4.40	84	114281	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.60%
26) 1,2-Dichloroethane-d4	5.08	65	63673	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.09	84	230600	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.20%
36) 1,2-Dichloropropane-d6	6.12	67	72324	5.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.20%
41) Toluene-d8	7.36	98	194227	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
43) trans-1,3-Dichloropropene-	7.66	79	21923	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.14	63	115701	56.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47457	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	64348	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

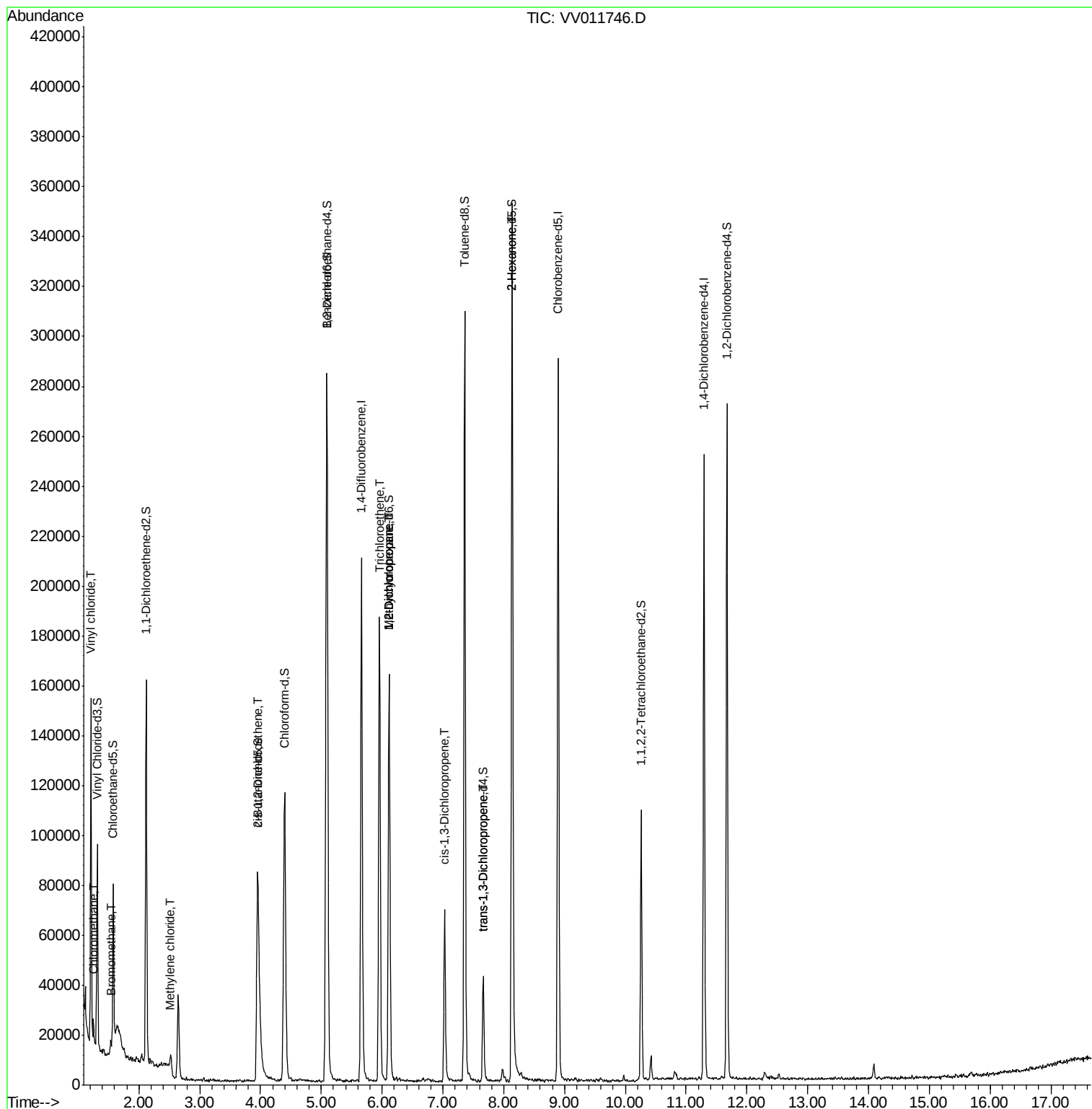
					Qvalue
3) Chloromethane	1.25	50	7465	0.484 ug/L	98
5) Vinyl chloride	1.21	62	1237	0.082 ug/L	89
6) Bromomethane	1.53	94	2139	0.325 ug/L	97
16) Methylene chloride	2.53	84	2754	0.245 ug/L	87
22) cis-1,2-Dichloroethene	3.96	96	1672	0.128 ug/L	84
34) Trichloroethene	5.95	95	62831	4.892 ug/L	98
35) Methylcyclohexane	6.12	83	17084	0.824 ug/L #	15
37) 1,2-Dichloropropane	6.11	63	9249	0.752 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1731	0.107 ug/L #	63
44) trans-1,3-Dichloropropene	7.66	75	1005	0.084 ug/L #	47
48) 2-Hexanone	8.14	43	15074	2.780 ug/L #	73

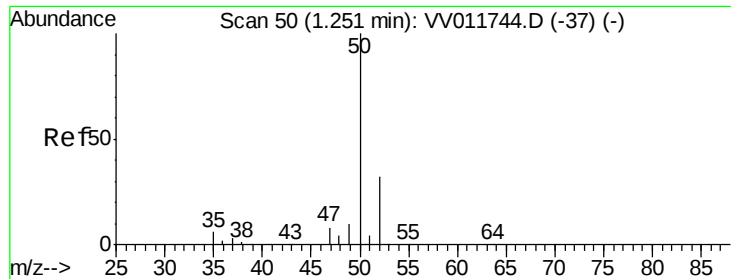
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.484 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

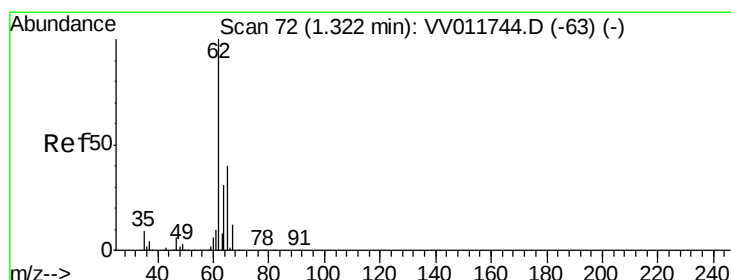
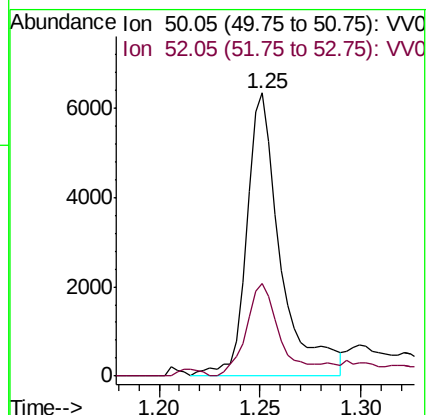
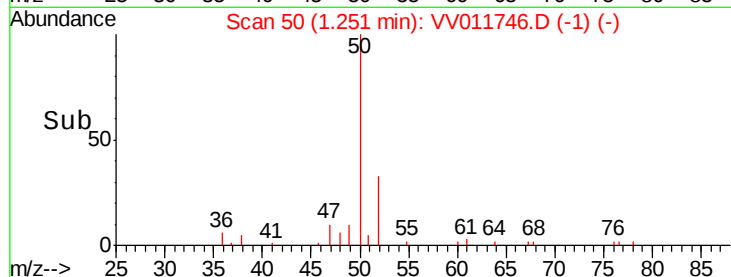
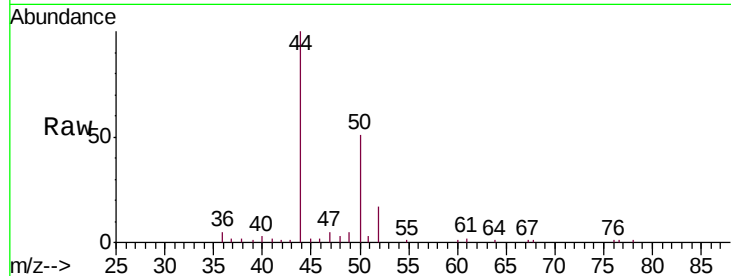
BFCP9DL

Tgt Ion: 50 Resp: 7465

Ion Ratio Lower Upper

50 100

52 32.7 22.0 40.8



#5

Vinyl chloride

Concen: 0.082 ug/L

RT: 1.21 min Scan# 37

Delta R.T. -0.11 min

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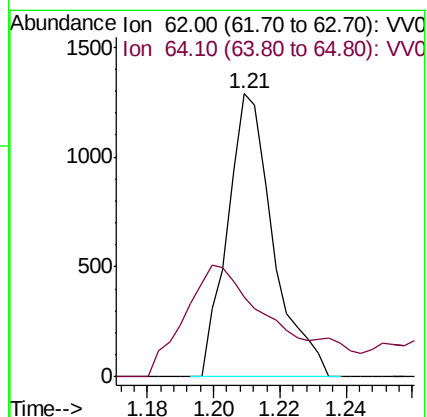
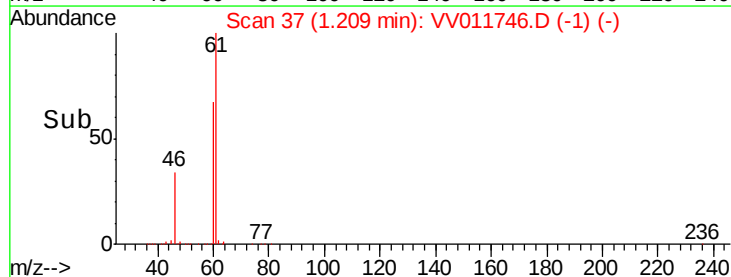
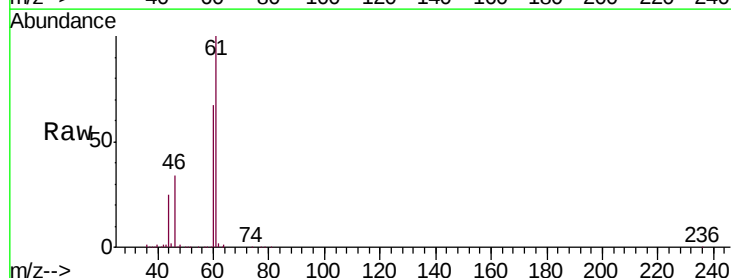
Acq: 25 Jun 2019 13:29

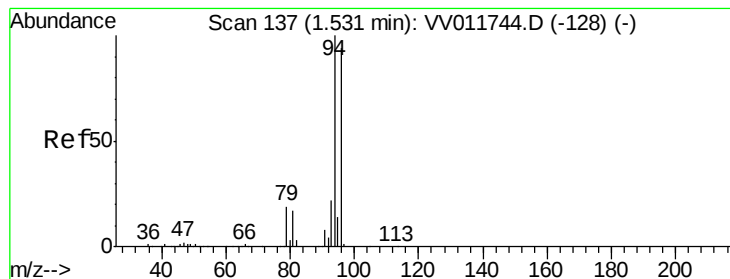
Tgt Ion: 62 Resp: 1237

Ion Ratio Lower Upper

62 100

64 28.1 24.1 44.7





#6

Bromomethane

Concen: 0.325 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV011746.D

Acq: 25 Jun 2019 13:29

Instrument :

MSVOA_V

ClientSampleId :

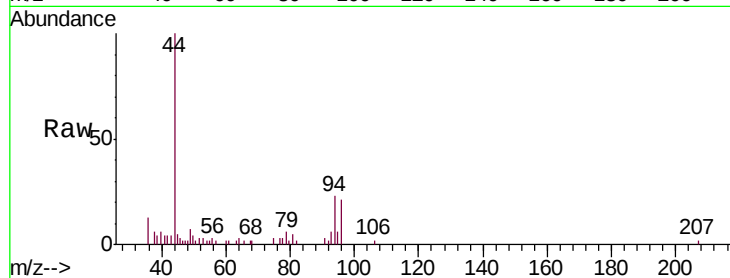
BFCP9DL

Tgt Ion: 94 Resp: 2139

Ion Ratio Lower Upper

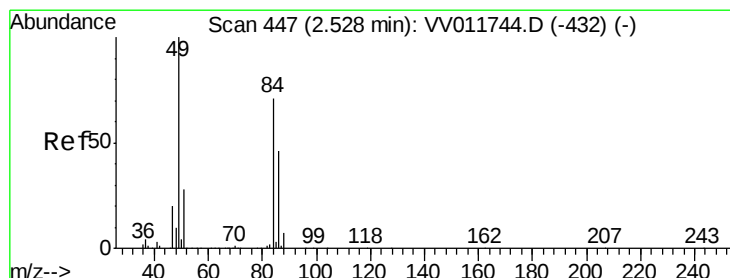
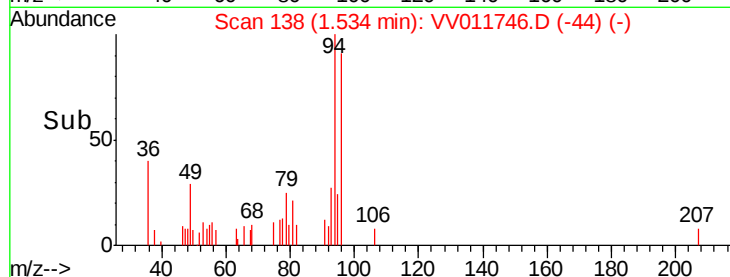
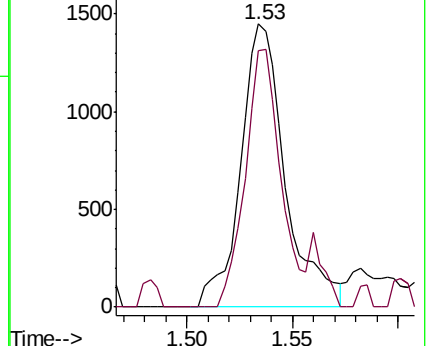
94 100

96 90.7 65.2 121.2



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0



#16

Methylene chloride

Concen: 0.245 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV011746.D

Acq: 25 Jun 2019 13:29

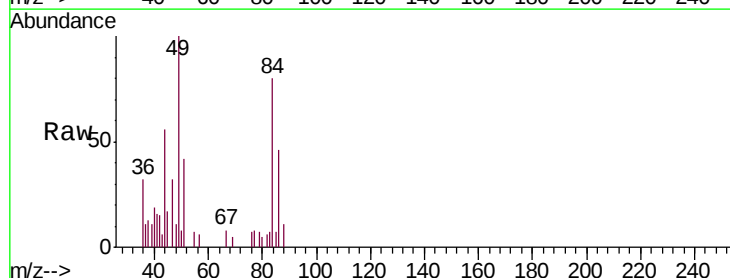
Tgt Ion: 84 Resp: 2754

Ion Ratio Lower Upper

84 100

86 57.8 44.9 83.5

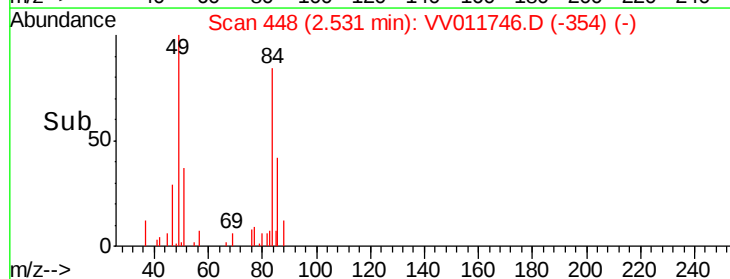
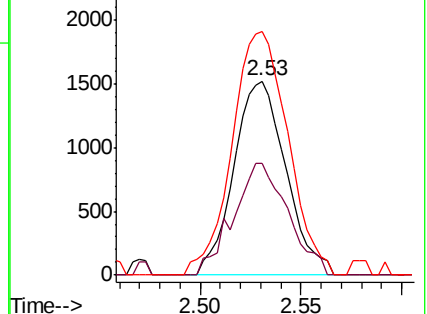
49 125.7 101.4 188.2

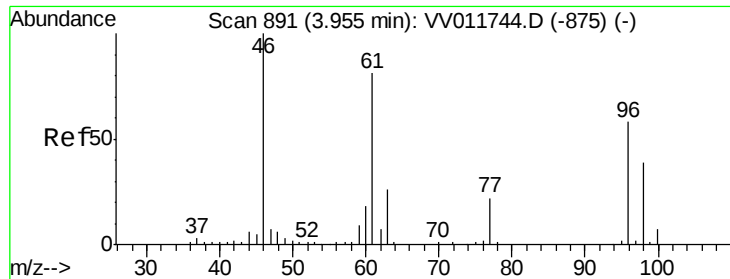


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

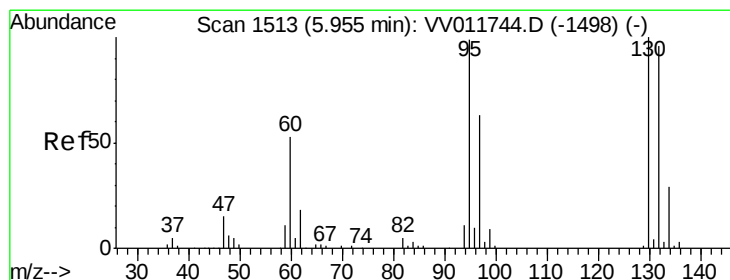
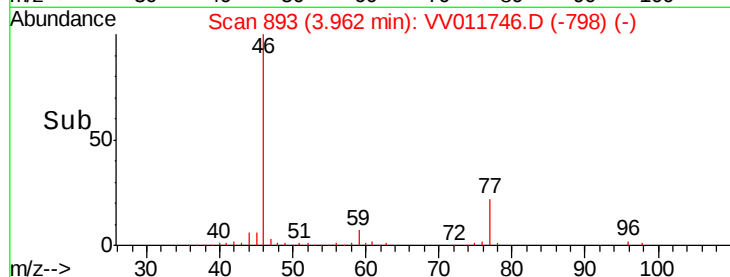
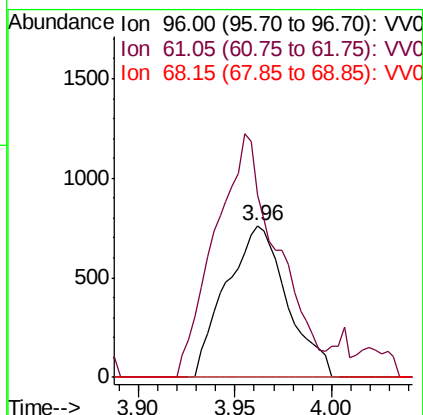
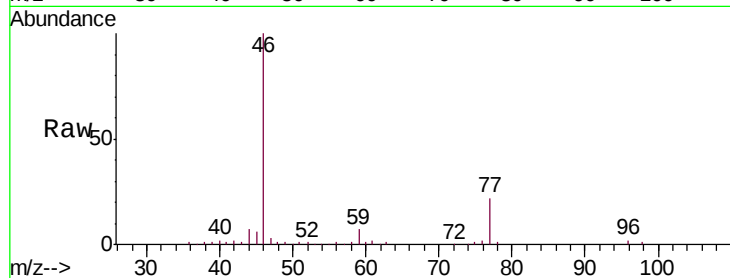




#22
 cis-1,2-Dichloroethene
 Concen: 0.128 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: VV011746.D
 Acq: 25 Jun 2019 13:29

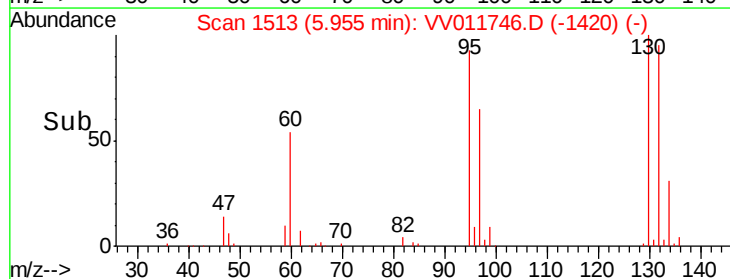
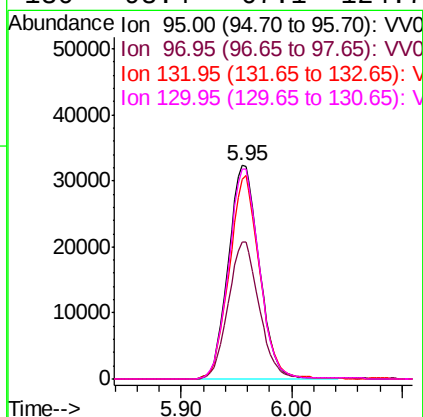
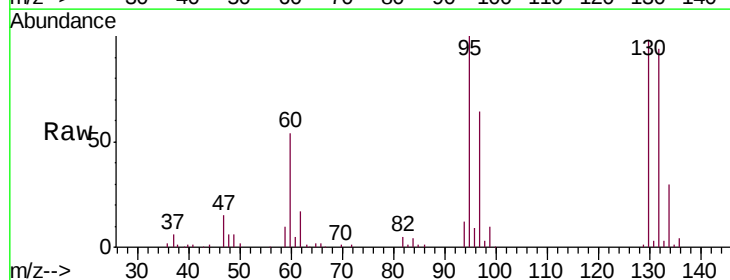
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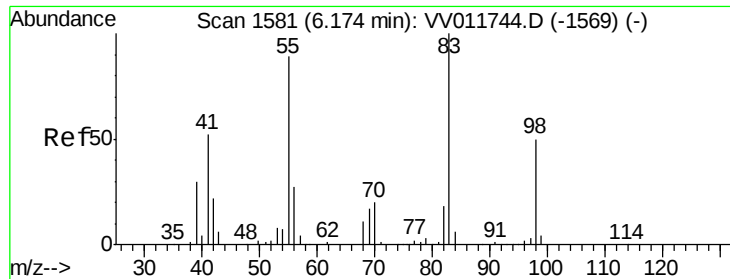
Tgt Ion: 96 Resp: 1672
 Ion Ratio Lower Upper
 96 100
 61 120.1 97.9 181.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 4.892 ug/L
 RT: 5.95 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VV011746.D
 Acq: 25 Jun 2019 13:29

Tgt Ion: 95 Resp: 62831
 Ion Ratio Lower Upper
 95 100
 97 64.1 44.4 82.5
 132 93.7 65.0 120.6
 130 98.4 67.1 124.7

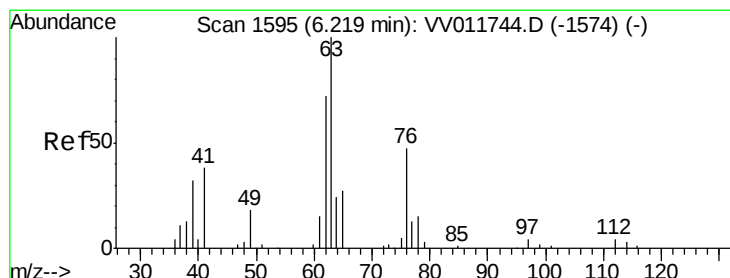
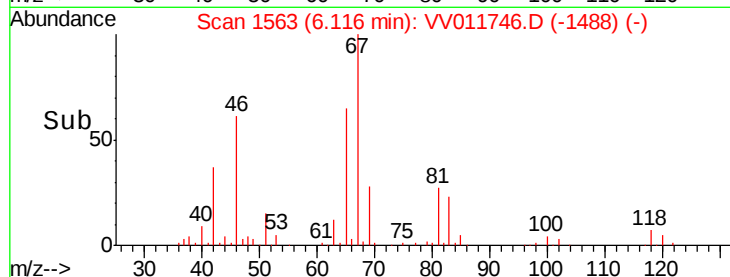
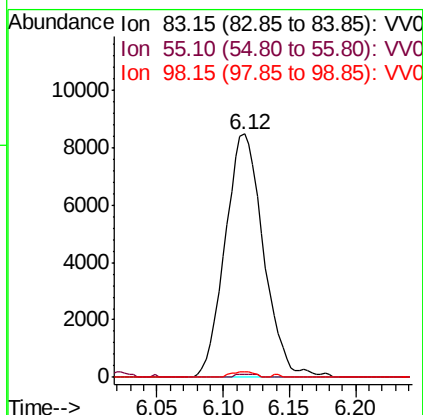
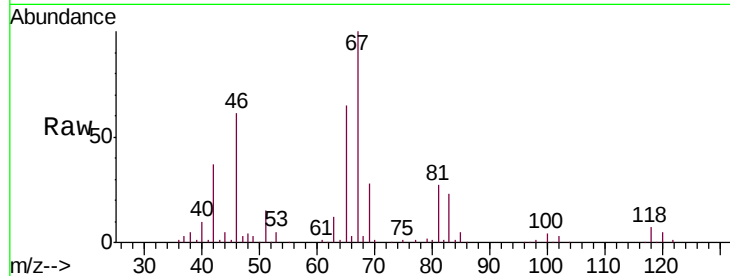




#35
Methylcyclohexane
Concen: 0.824 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011746.D
Acq: 25 Jun 2019 13:29

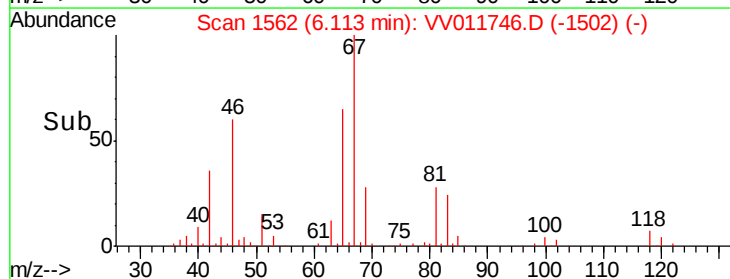
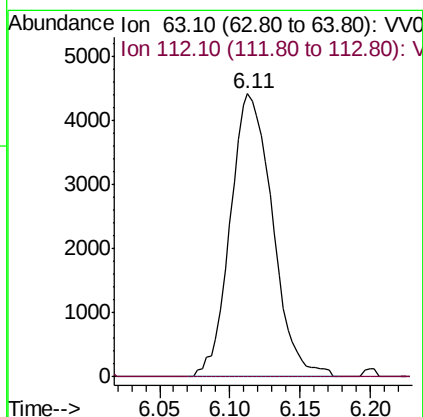
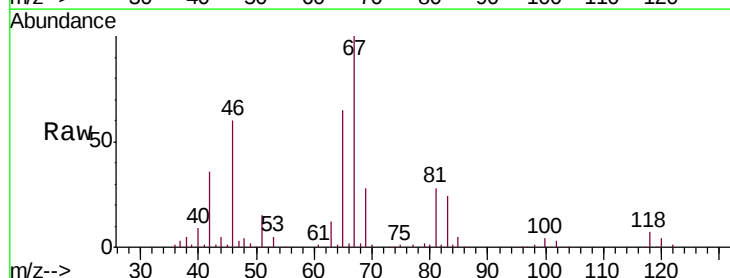
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ClientSampleId :
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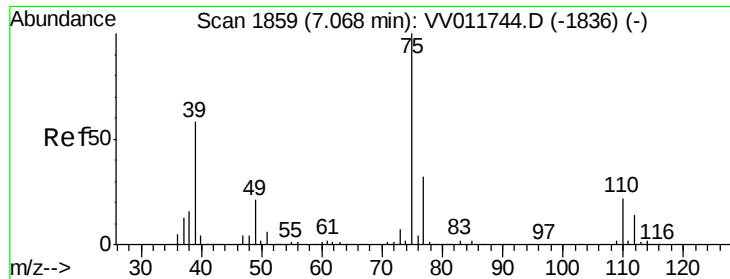
Tgt Ion: 83 Resp: 17084
Ion Ratio Lower Upper
83 100
55 0.7 69.4 104.2#
98 1.4 40.2 60.4#



#37
1,2-Dichloropropane
Concen: 0.752 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011746.D
Acq: 25 Jun 2019 13:29

Tgt Ion: 63 Resp: 9249
Ion Ratio Lower Upper
63 100
112 0.2 3.4 5.2#



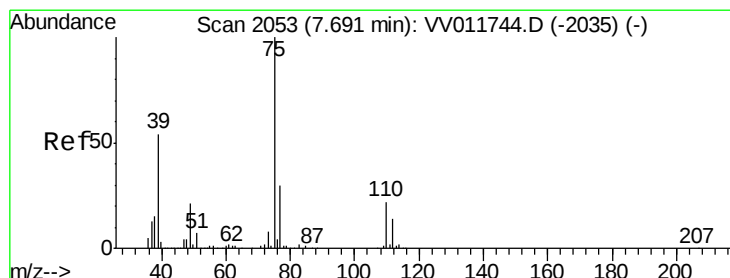
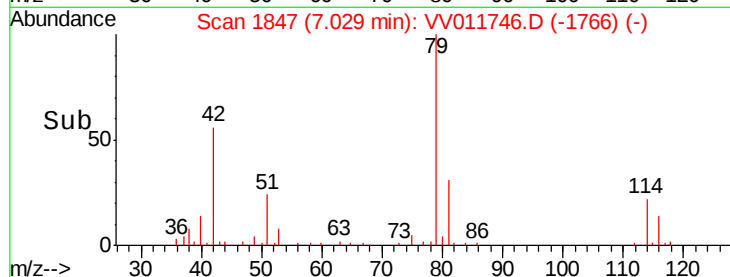
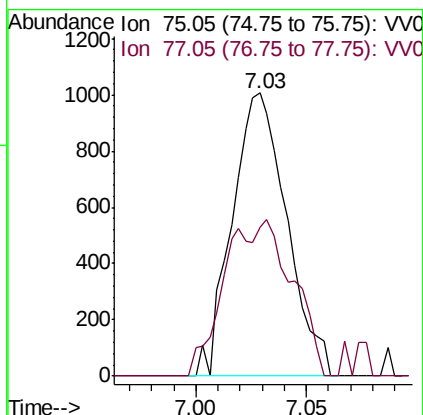
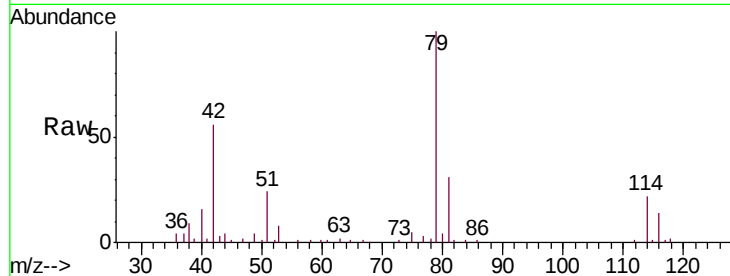


#39

cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011746.D
 Acq: 25 Jun 2019 13:29

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP9DL

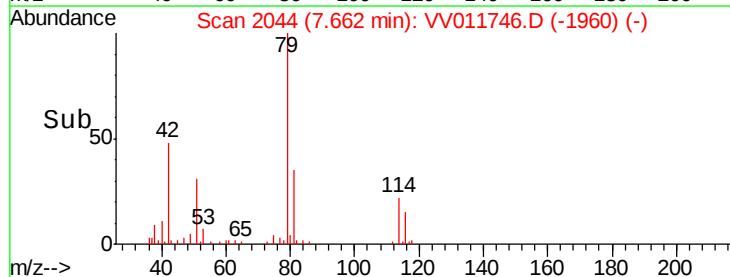
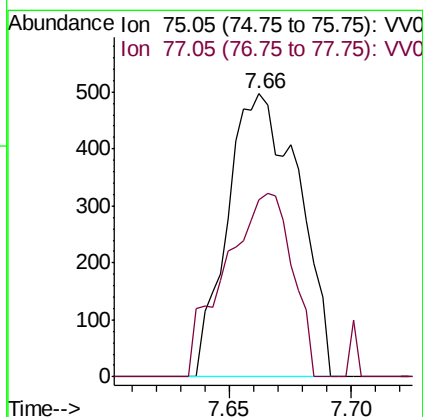
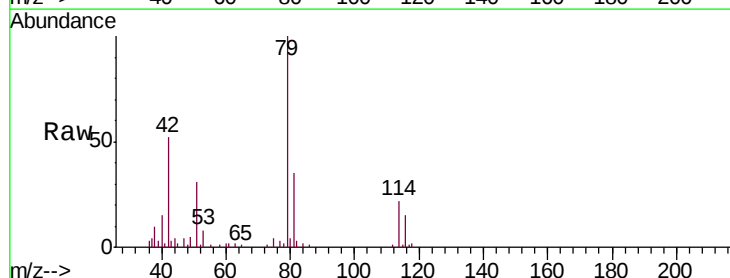
Tgt Ion: 75 Resp: 1731
 Ion Ratio Lower Upper
 75 100
 77 52.7 22.4 41.6#

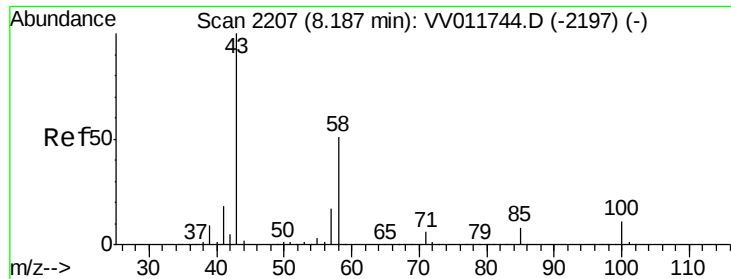


#44

trans-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV011746.D
 Acq: 25 Jun 2019 13:29

Tgt Ion: 75 Resp: 1005
 Ion Ratio Lower Upper
 75 100
 77 62.4 22.7 42.1#





#48
 2-Hexanone
 Concen: 2.780 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV011746.D
 Acq: 25 Jun 2019 13:29

Instrument :
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Tgt Ion:	43	Resp:	15074
Ion	Ratio	Lower	Upper
43	100		
58	29.2	40.1	60.1#
57	27.2	14.4	21.6#
100	2.8	8.6	12.8#

