

Data File : VV007586.D
Acq On : 17 Sep 2018 14:01
Operator : SY/MD
Sample : J4887-19DL 5X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0KS7DL

Quant Time: Sep 18 03:41:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 18 03:38:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	119000	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	108078	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55510	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23702	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.59	69	23208	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.14	63	46834	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.98	46	35569	41.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.04%
24) Chloroform-d	4.41	84	57485	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.09	65	29517	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.10	84	114462	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.13	67	34204	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	114388	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.67	79	14337	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.15	63	20396	37.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21401	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	49228	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

					Qvalue
8) Chloroethane	1.32	64	332	0.087 ug/L #	1
12) 1,1-Dichloroethene	2.15	96	4661	0.772 ug/L #	1
16) Methylene chloride	2.54	84	1465	0.224 ug/L	93
22) cis-1,2-Dichloroethene	3.97	96	3153	0.487 ug/L	95
25) Chloroform	4.43	83	1587	0.145 ug/L	80
29) 1,1,1-Trichloroethane	4.66	97	1461	0.139 ug/L	97
34) Trichloroethene	5.96	95	58984	8.617 ug/L	98
37) 1,2-Dichloropropane	6.13	63	4142	0.753 ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	1083	0.124 ug/L #	51
44) trans-1,3-Dichloropropene	7.67	75	695	0.097 ug/L	84
48) 2-Hexanone	8.20	43	13969	6.060 ug/L #	42
62) 1,3-Dichlorobenzene	11.32	146	1029	0.073 ug/L #	78
65) 1,2-Dichlorobenzene	11.70	146	1649	0.126 ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	868	0.079 ug/L #	86
70) 1,2,3-Trichlorobenzene	13.81	180	1441	0.201 ug/L #	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091718\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data File : VV007586.D

Acq On : 17 Sep 2018 14:01

Operator : SY/MD

Sample : J4887-19DL 5X

Misc : 25.0 mL/MSVOA V/WATER

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ALS Vial      : 9      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
C0KS7DL

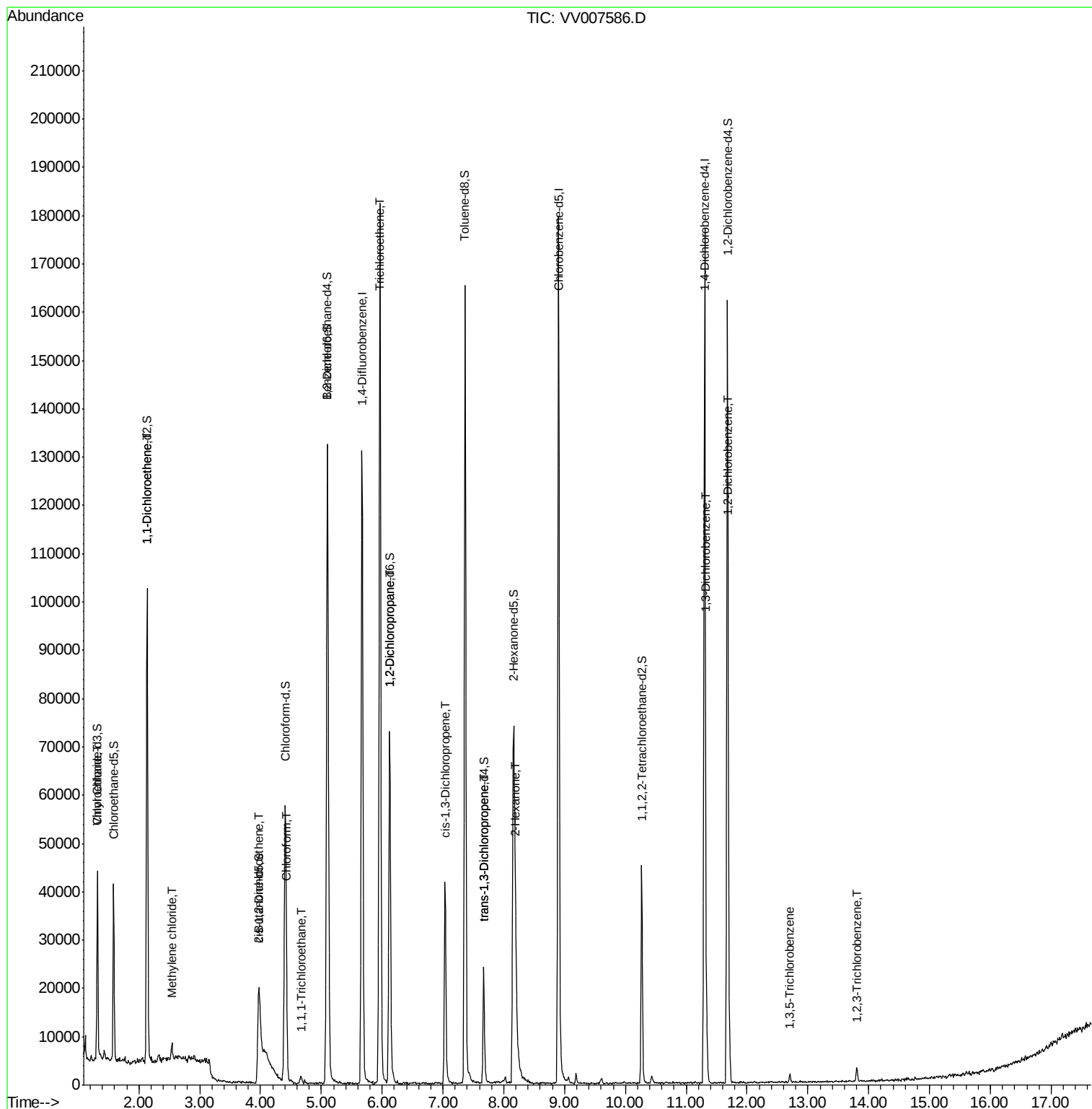
Quant Time: Sep 18 03:41:13 2018

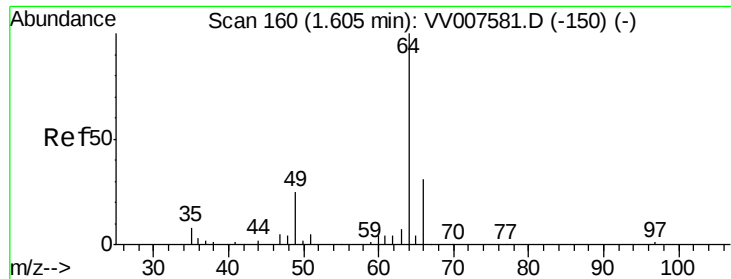
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Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Sep 18 03:38:22 2018

Response via : Initial Calibration





#8

Chloroethane

Concen: 0.087 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV007586.D

Acq: 17 Sep 2018 14:01

Instrument :

MSVOA_V

ClientSampleId :

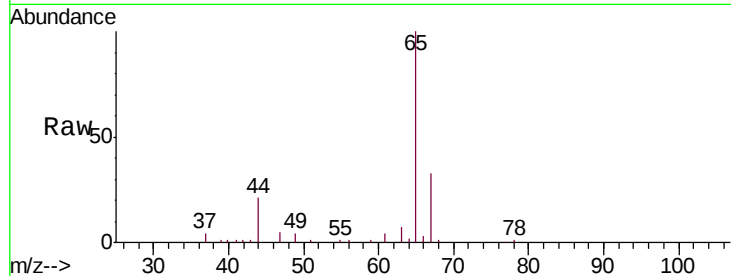
C0KS7DL

Tgt Ion: 64 Resp: 332

Ion Ratio Lower Upper

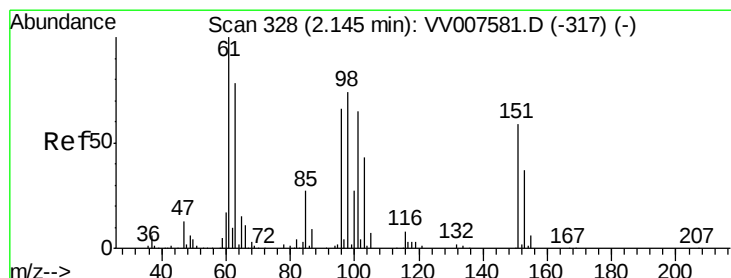
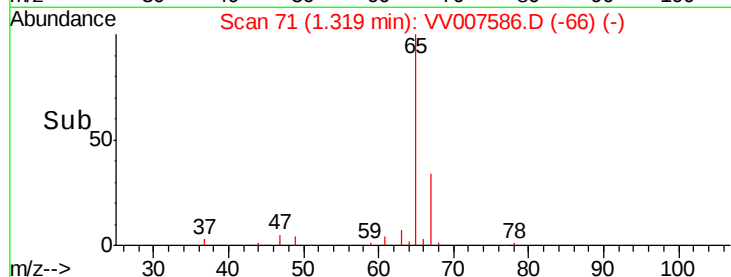
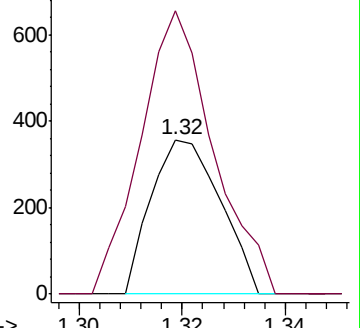
64 100

66 183.2 24.3 45.1#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#12

1,1-Dichloroethene

Concen: 0.772 ug/L

RT: 2.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV007586.D

Acq: 17 Sep 2018 14:01

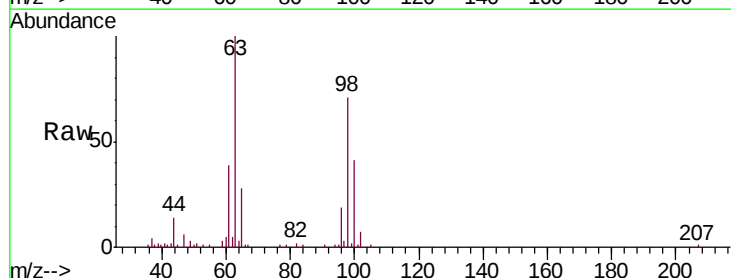
Tgt Ion: 96 Resp: 4661

Ion Ratio Lower Upper

96 100

61 211.2 114.8 213.2

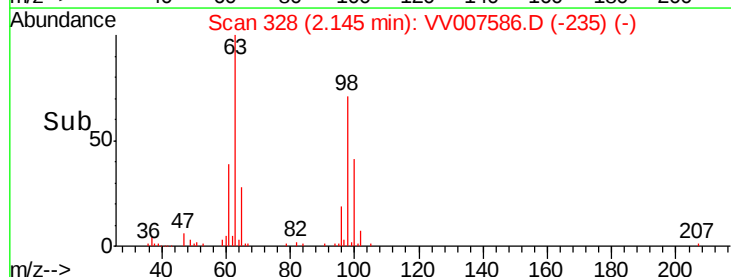
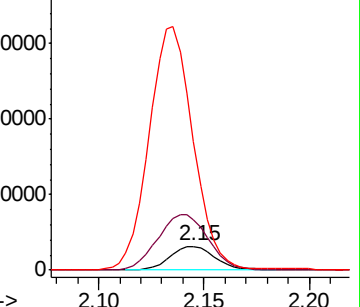
63 539.4 81.8 151.8#

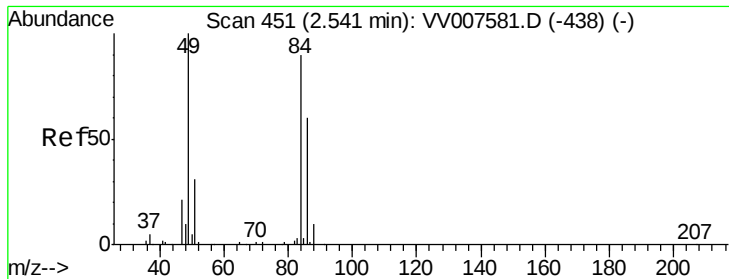


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

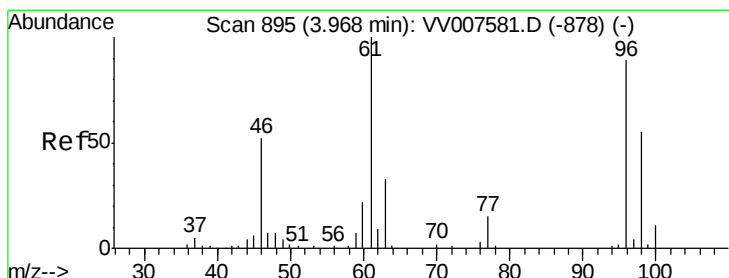
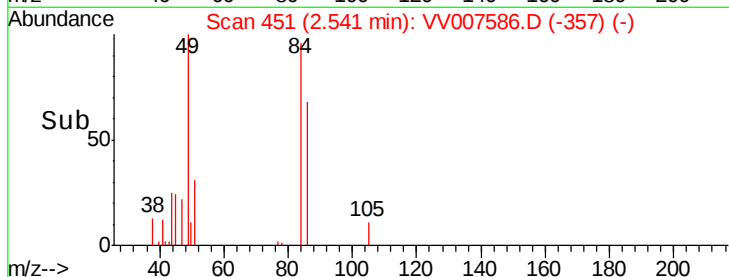
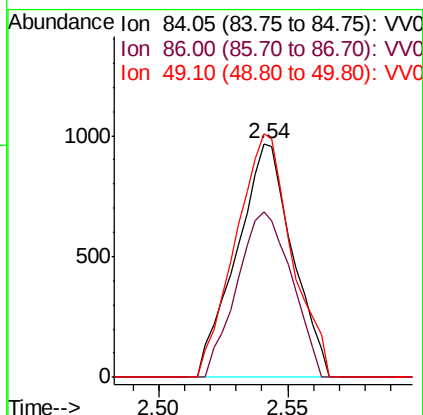
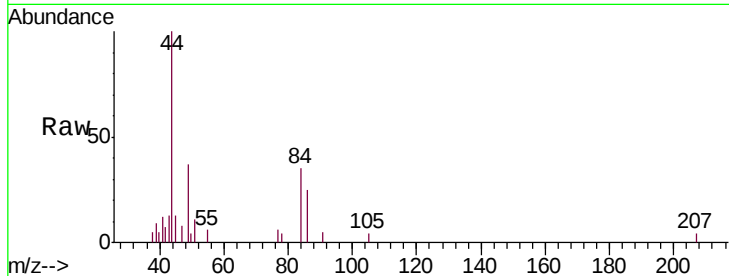




#16
Methylene chloride
Concen: 0.224 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV007586.D
Acq: 17 Sep 2018 14:01

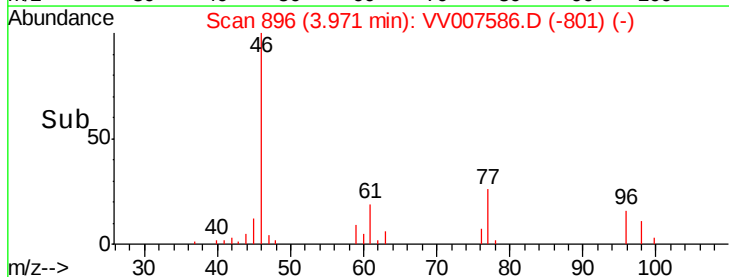
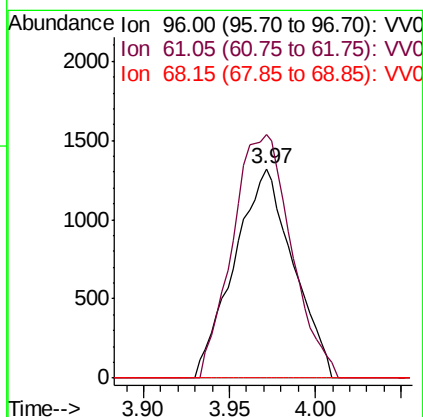
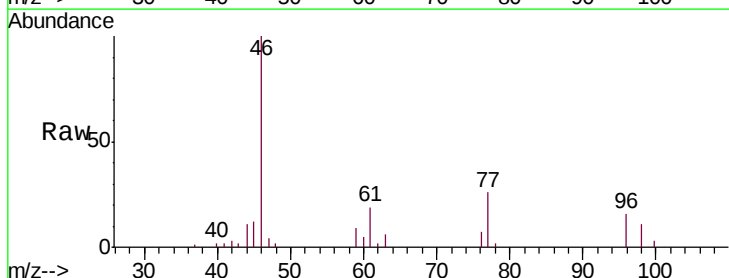
Instrument :
MSVOA_V
ClientSampled :
C0KS7DL

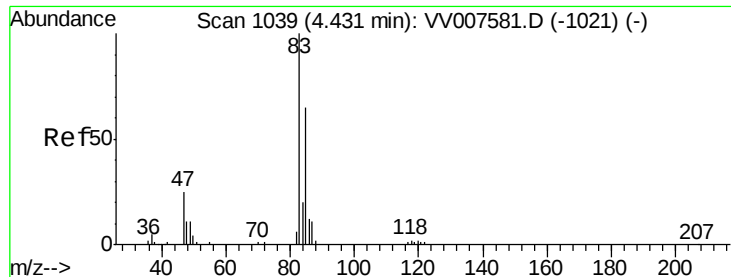
Tgt Ion: 84 Resp: 1465
Ion Ratio Lower Upper
84 100
86 71.1 43.7 81.1
49 104.1 76.8 142.6



#22
cis-1,2-Dichloroethene
Concen: 0.487 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.01 min
Lab File: VV007586.D
Acq: 17 Sep 2018 14:01

Tgt Ion: 96 Resp: 3153
Ion Ratio Lower Upper
96 100
61 116.4 85.3 158.5
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.145 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VV007586.D

Acq: 17 Sep 2018 14:01

Instrument :

MSVOA_V

ClientSampleId :

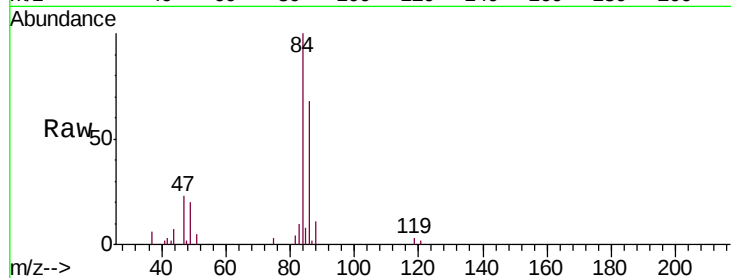
C0KS7DL

Tgt Ion: 83 Resp: 1587

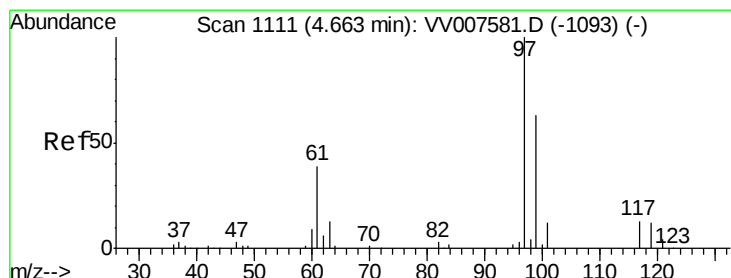
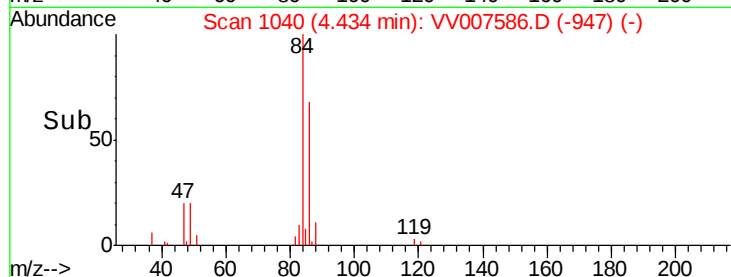
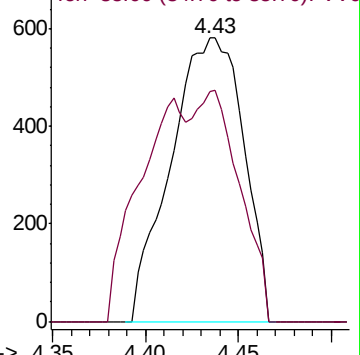
Ion Ratio Lower Upper

83 100

85 81.1 45.5 84.5



Abundance Ion 83.05 (82.75 to 83.75): VV007581.D (-1021) (-)



#29

1,1,1-Trichloroethane

Concen: 0.139 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VV007586.D

Acq: 17 Sep 2018 14:01

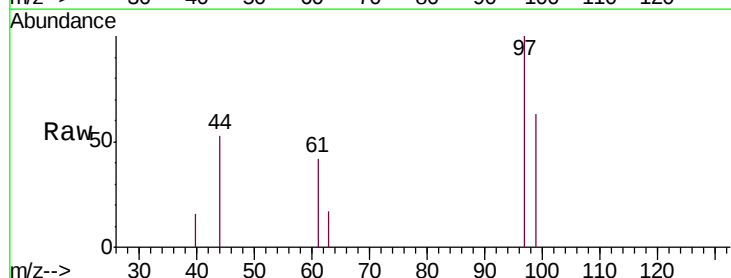
Tgt Ion: 97 Resp: 1461

Ion Ratio Lower Upper

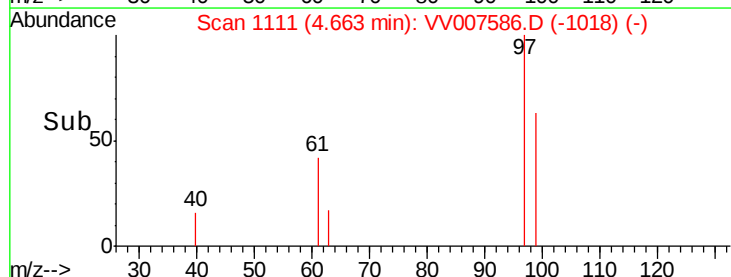
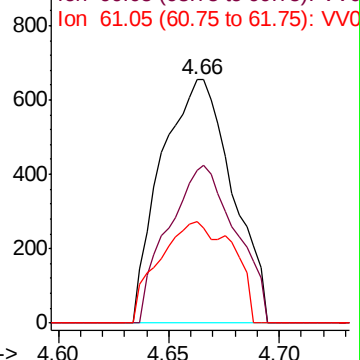
97 100

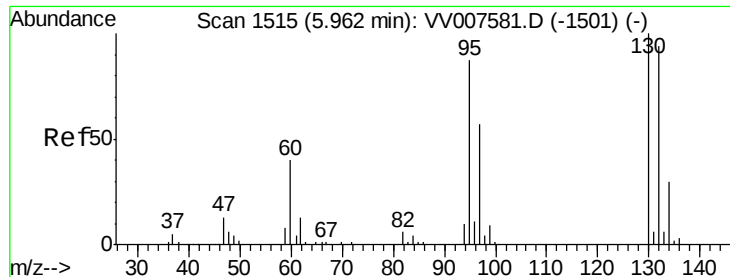
99 61.6 50.7 76.1

61 43.1 32.5 48.7



Abundance Ion 96.95 (96.65 to 97.65): VV007581.D (-1093) (-)





#34

Trichloroethene

Concen: 8.617 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007586.D

Acq: 17 Sep 2018 14:01

Instrument :

MSVOA_V

ClientSampleId :

C0KS7DL

Tgt Ion: 95 Resp: 58984

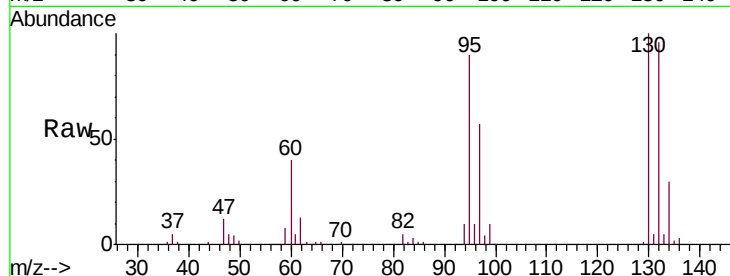
Ion Ratio Lower Upper

95 100

97 63.6 45.5 84.5

132 106.7 74.9 139.1

130 110.7 80.0 148.6

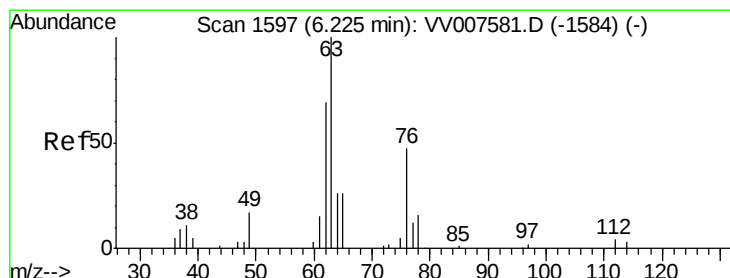
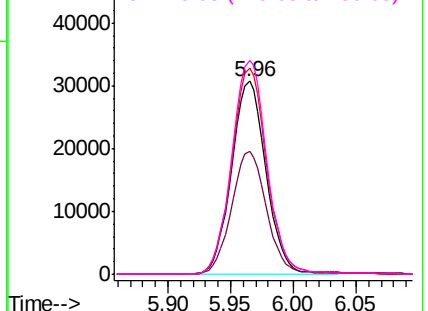
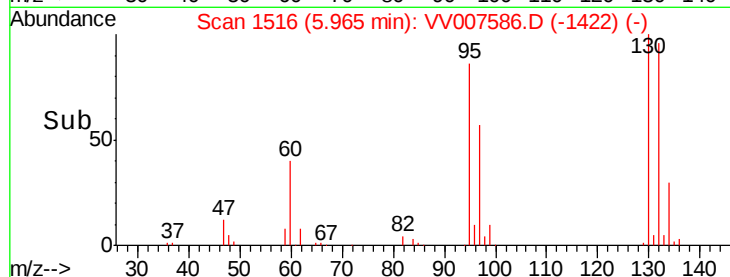


Abundance Ion 95.00 (94.70 to 95.70): VV007586.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV007586.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV007586.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV007586.D (-1422) (-)



#37

1,2-Dichloropropane

Concen: 0.753 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007586.D

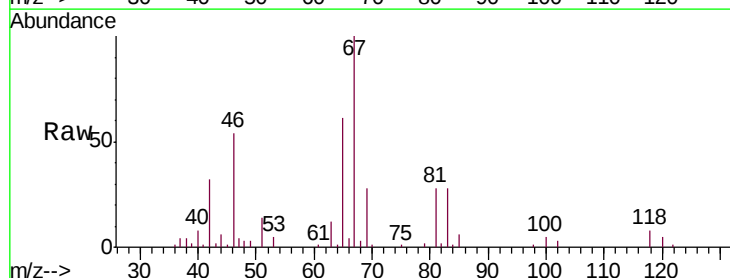
Acq: 17 Sep 2018 14:01

Tgt Ion: 63 Resp: 4142

Ion Ratio Lower Upper

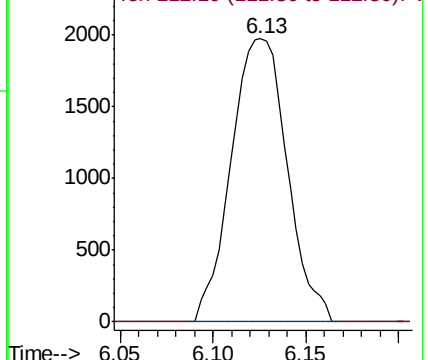
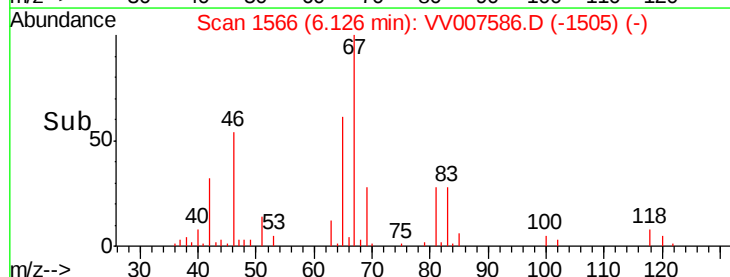
63 100

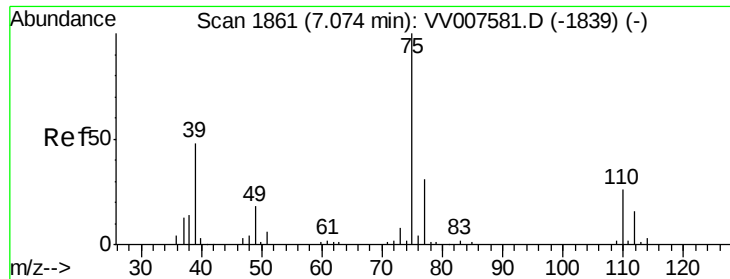
112 0.0 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV007586.D (-1505) (-)

Ion 112.10 (111.80 to 112.80): VV007586.D (-1505) (-)

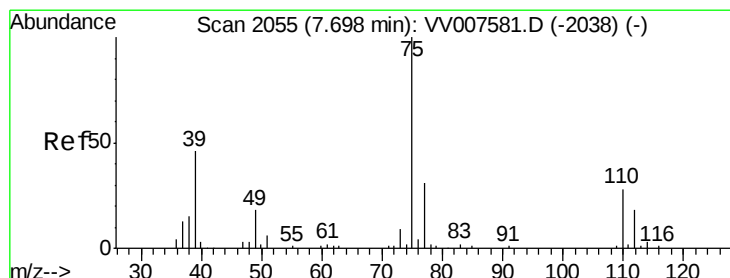
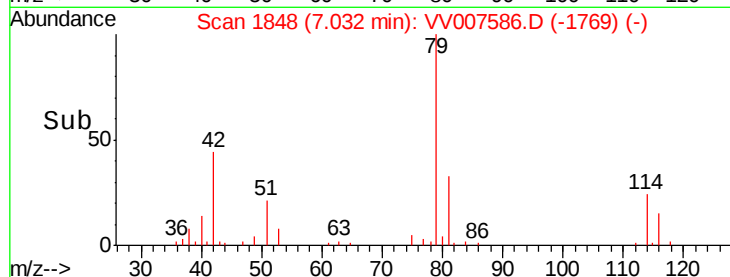
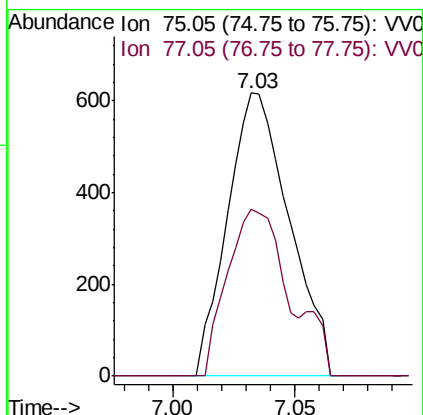
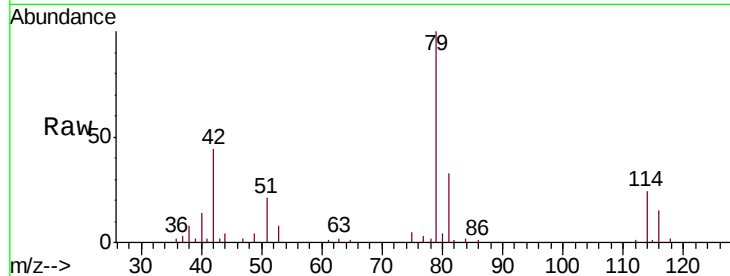




#39
 cis-1,3-Dichloropropene
 Concen: 0.124 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV007586.D
 Acq: 17 Sep 2018 14:01

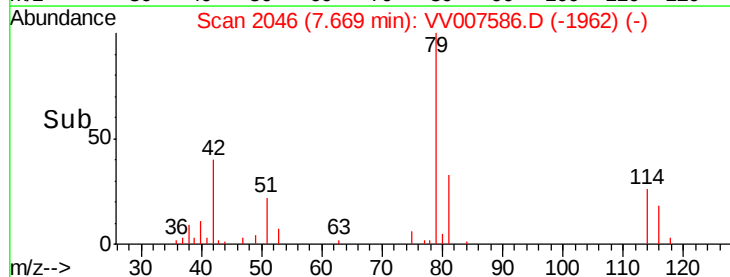
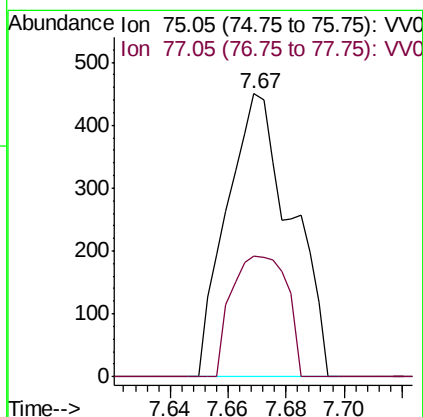
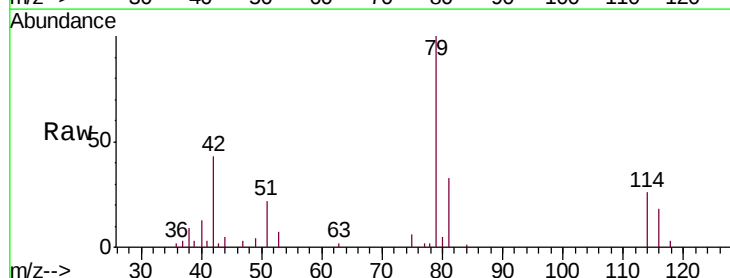
Instrument :
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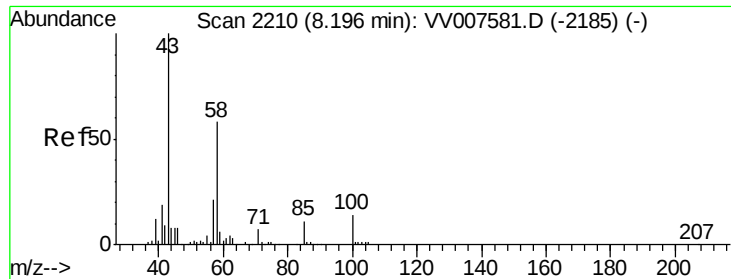
Tgt Ion: 75 Resp: 1083
 Ion Ratio Lower Upper
 75 100
 77 58.8 22.0 41.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV007586.D
 Acq: 17 Sep 2018 14:01

Tgt Ion: 75 Resp: 695
 Ion Ratio Lower Upper
 75 100
 77 42.4 23.4 43.4

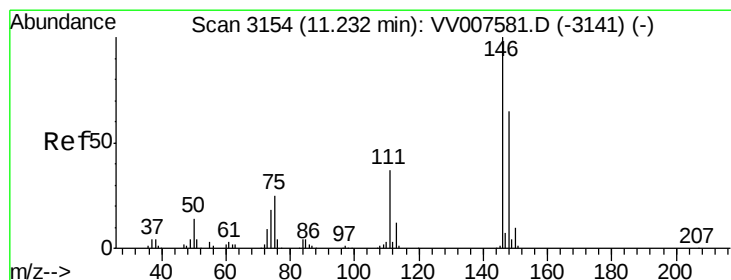
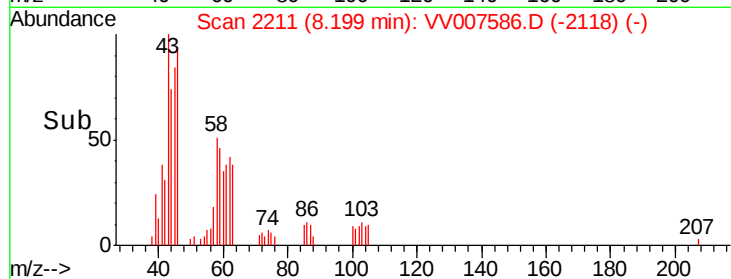
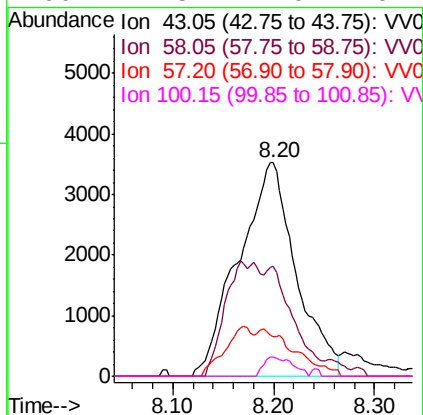
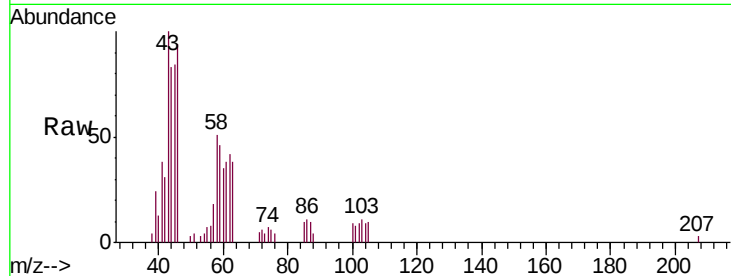




#48
2-Hexanone
Concen: 6.060 ug/L
RT: 8.20 min Scan# 2211
Delta R.T. 0.00 min
Lab File: VV007586.D
Acq: 17 Sep 2018 14:01

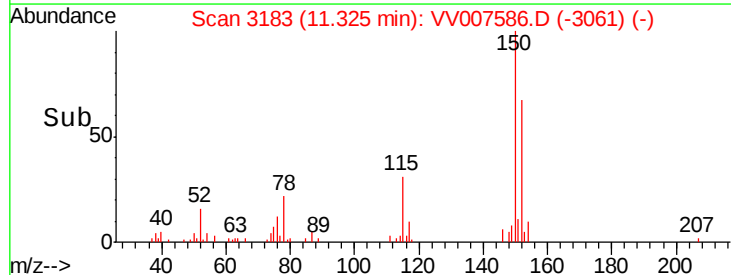
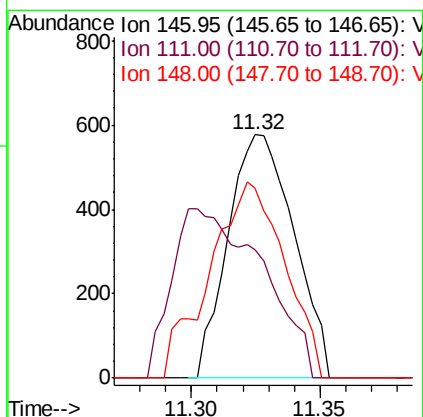
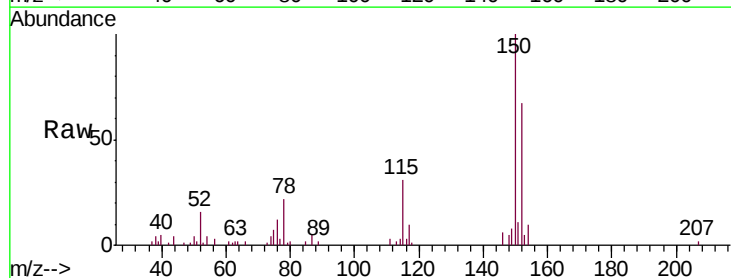
Instrument :
MSVOA_V
ClientSampled :
C0KS7DL

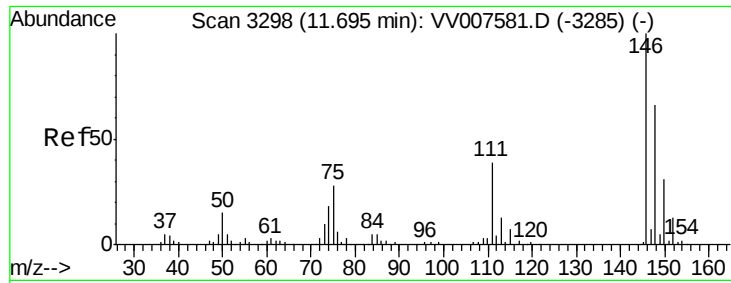
Tgt Ion: 43 Resp: 13969
Ion Ratio Lower Upper
43 100
58 0.0 49.8 74.6#
57 13.8 18.2 27.4#
100 4.5 11.0 16.4#



#62
1,3-Dichlorobenzene
Concen: 0.073 ug/L
RT: 11.32 min Scan# 3183
Delta R.T. 0.09 min
Lab File: VV007586.D
Acq: 17 Sep 2018 14:01

Tgt Ion: 146 Resp: 1029
Ion Ratio Lower Upper
146 100
111 53.0 25.3 47.1#
148 77.8 44.6 82.8





#65

1,2-Dichlorobenzene

Concen: 0.126 ug/L

RT: 11.70 min Scan# 3299

Delta R.T. 0.00 min

Lab File: VV007586.D

Acq: 17 Sep 2018 14:01

Instrument :

MSVOA_V

ClientSampleId :

C0KS7DL

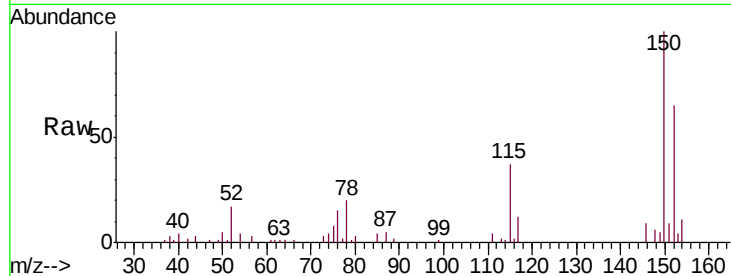
Tgt Ion:146 Resp: 1649

Ion Ratio Lower Upper

146 100

111 41.9 32.7 49.1

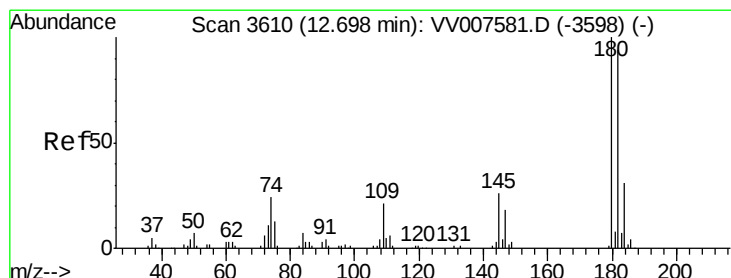
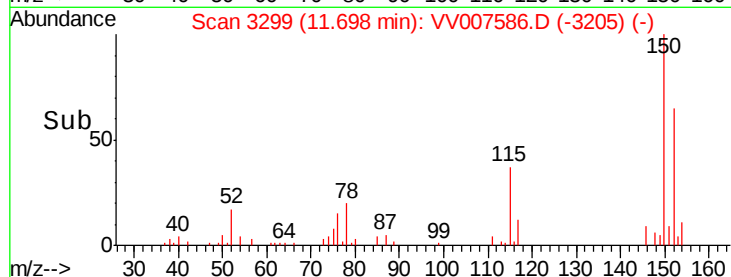
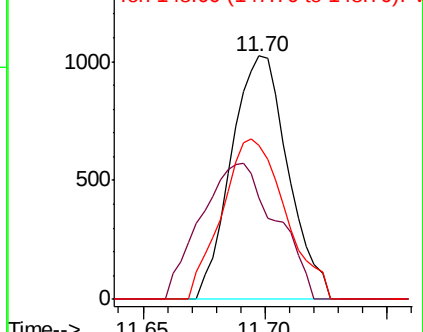
148 63.2 53.0 79.6



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#67

1,3,5-Trichlorobenzene

Concen: 0.079 ug/L

RT: 12.70 min Scan# 3612

Delta R.T. 0.01 min

Lab File: VV007586.D

Acq: 17 Sep 2018 14:01

Tgt Ion:180 Resp: 868

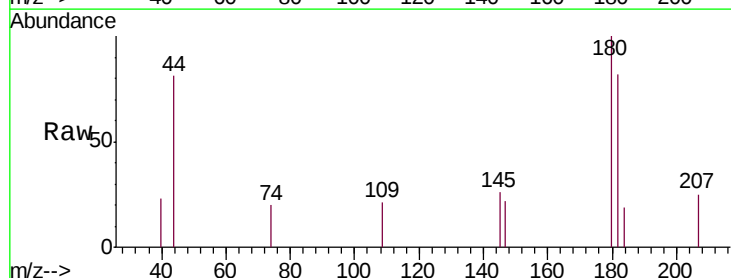
Ion Ratio Lower Upper

180 100

182 90.6 76.1 114.1

184 10.0 24.0 36.0#

145 17.5 22.6 34.0#

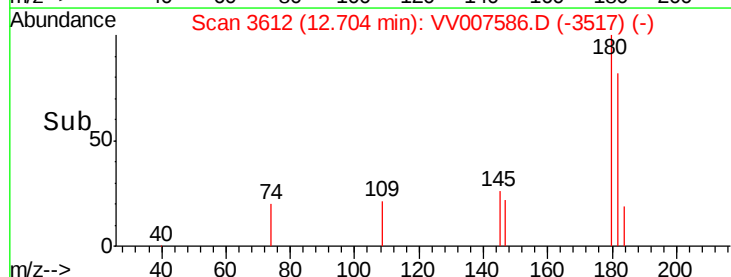
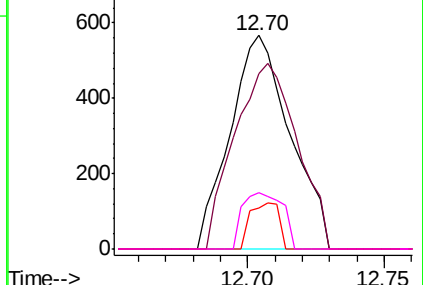


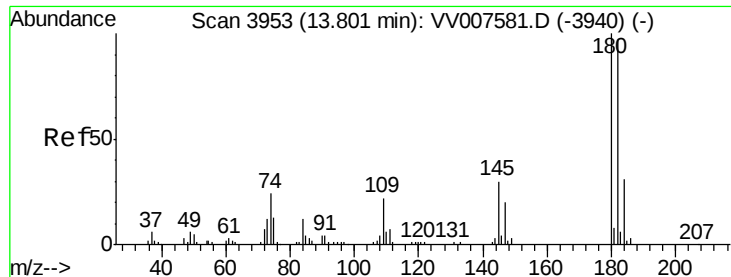
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 0.201 ug/L
 RT: 13.81 min Scan# 3955
 Delta R.T. 0.01 min
 Lab File: VV007586.D
 Acq: 17 Sep 2018 14:01

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KS7DL

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.5	113.3
145	21.9	23.4	35.0

