

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016281.D
 Acq On : 28 May 2020 16:58
 Operator : SY/MD
 Sample : L2755-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 01:16:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 01:10:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	93543	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	92585	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	40515	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22443	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.58	69	21744	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.13	63	34907	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.95	46	72441	48.61	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.22%
24) Chloroform-d	4.38	84	50986	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.06	65	28602	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.08	84	98861	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.10	67	31334	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.34	98	86546	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
45) trans-1,3-Dichloropropene-	7.65	79	10085	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
48) 2-Hexanone-d5	8.12	63	51313	42.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.60%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22649	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	31216	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.60	64	590	0.129	ug/L #	42
13) Acetone	2.22	43	2598	2.816	ug/L	81
15) Methyl Acetate	2.46	43	682	0.289	ug/L #	53
21) 2-Butanone	4.13	43	11736	7.152	ug/L #	57
25) Chloroform	4.41	83	1849	0.152	ug/L	97
27) 1,2-Dichloroethane	5.06	62	779	0.098	ug/L #	79
35) Methylcyclohexane	6.10	83	7612	0.650	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3863	0.591	ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	878	0.095	ug/L #	67
46) trans-1,3-Dichloropropene	7.65	75	502	0.065	ug/L	85
50) 2-Hexanone	8.12	43	7488	2.641	ug/L #	73
53) Chlorobenzene	8.90	112	15789	0.879	ug/L	97
63) 1,3-Dichlorobenzene	11.30	146	1584	0.128	ug/L	93
64) 1,4-Dichlorobenzene	11.30	146	1584	0.126	ug/L	89
66) 1,2-Dichlorobenzene	11.66	146	1232	0.110	ug/L #	83
67) 1,2-Dibromo-3-chloropropan	12.42	75	432	0.572	ug/L #	9

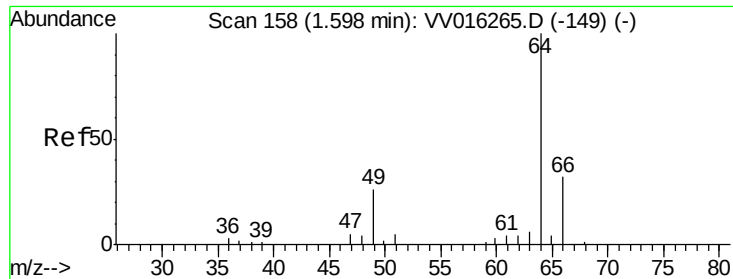
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
Data File : VV016281.D
Acq On : 28 May 2020 16:58
Operator : SY/MD
Sample : L2755-18
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 29 01:16:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 01:10:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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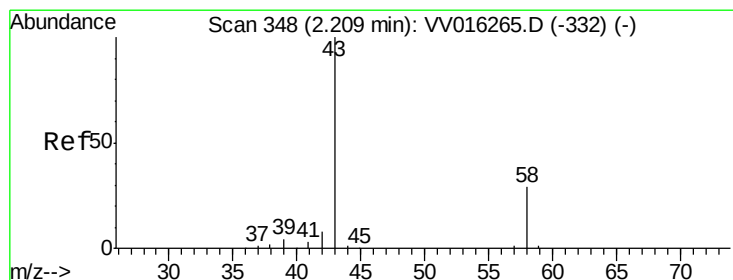
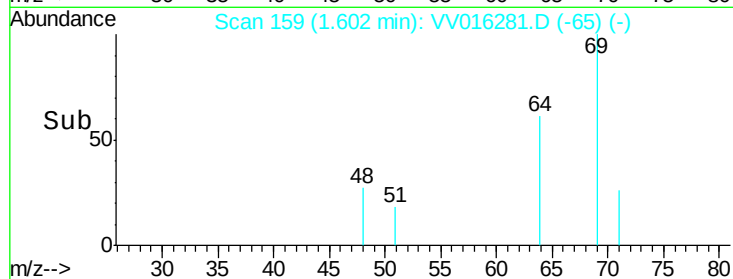
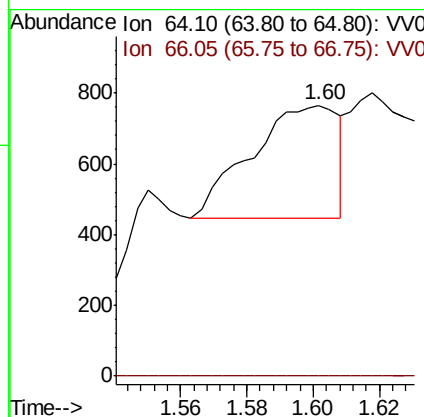
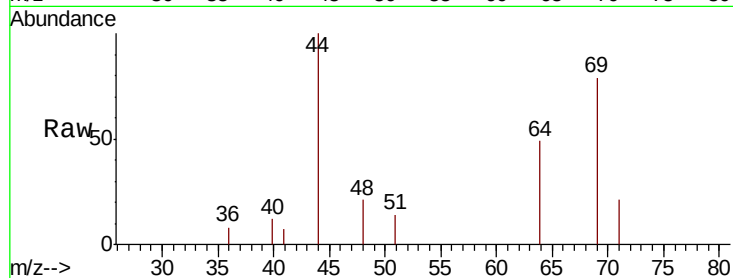
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
 Chloroethane
 Concen: 0.129 ug/L
 RT: 1.60 min Scan# 159
 Delta R.T. 0.00 min
 Lab File: VV016281.D
 Acq: 28 May 2020 16:58

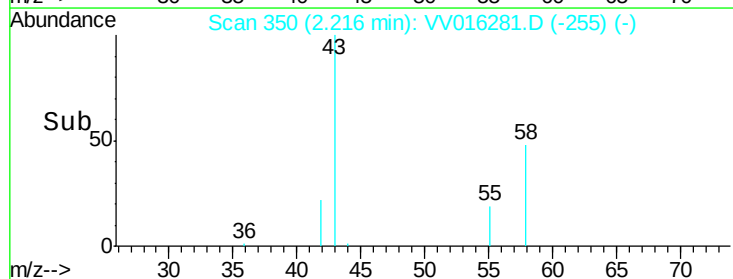
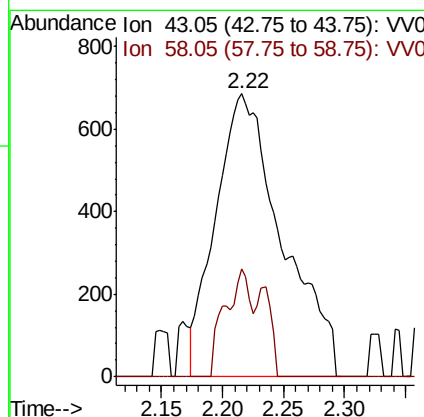
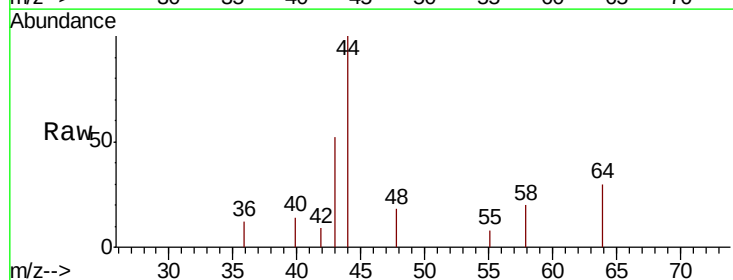
Instrument :
 MSVOA_V
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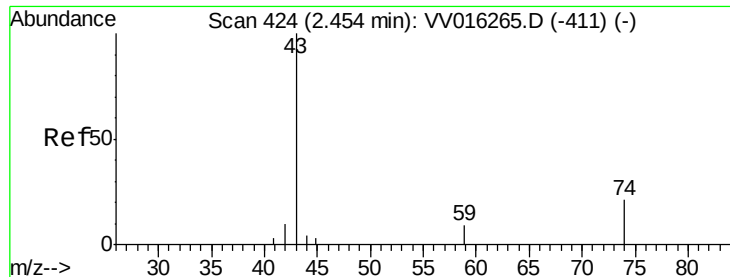
Tot Ion: 64 Resp: 590
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.9 42.5#



#13
 Acetone
 Concen: 2.816 ug/L
 RT: 2.22 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VV016281.D
 Acq: 28 May 2020 16:58

Tgt Ion: 43 Resp: 2598
 Ion Ratio Lower Upper
 43 100
 58 15.0 0.0 48.8





#15

Methyl Acetate

Concen: 0.289 ug/L

RT: 2.46 min Scan# 425

Delta R.T. 0.00 min

Lab File: VV016281.D

Acq: 28 May 2020 16:58

Instrument :

MSVOA_V

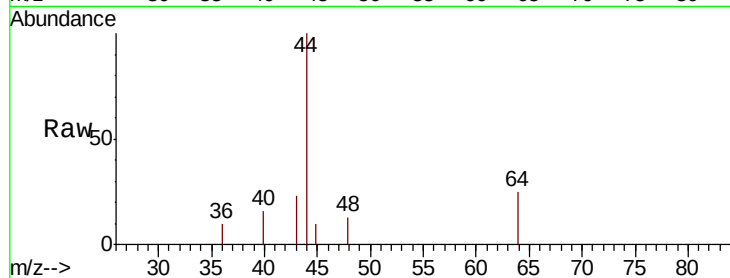
ClientSampleId :

Tot Ion: 43 Resp: 682

Ion Ratio Lower Upper

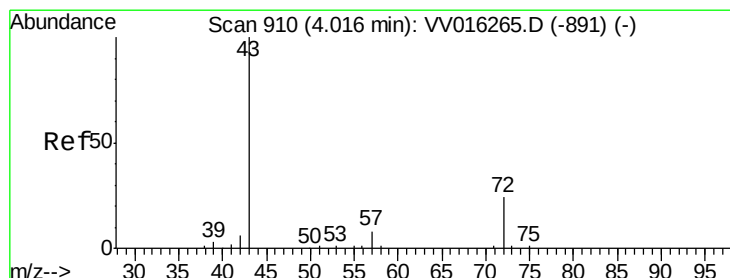
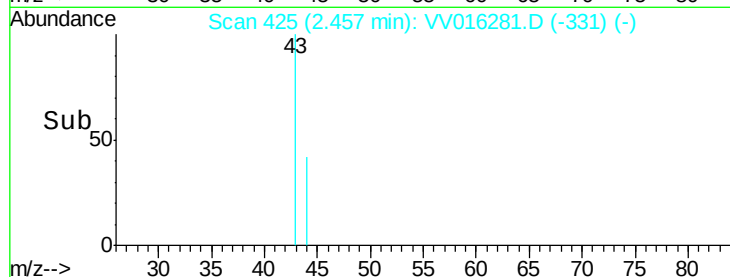
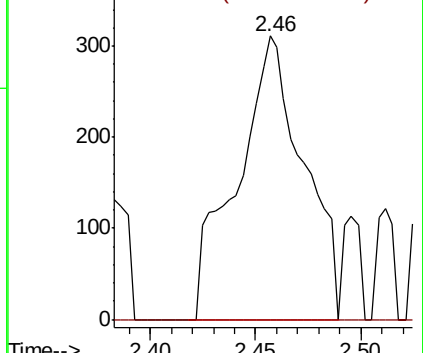
43 100

74 0.0 18.1 27.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#21

2-Butanone

Concen: 7.152 ug/L

RT: 4.13 min Scan# 946

Delta R.T. 0.12 min

Lab File: VV016281.D

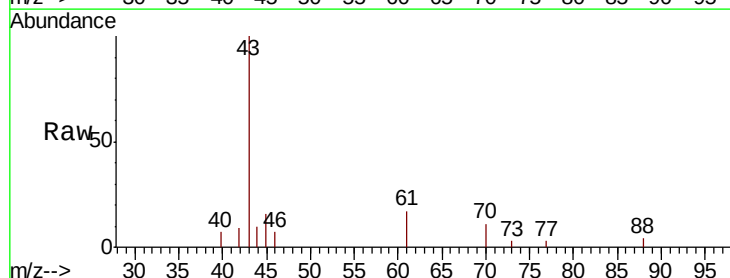
Acq: 28 May 2020 16:58

Tgt Ion: 43 Resp: 11736

Ion Ratio Lower Upper

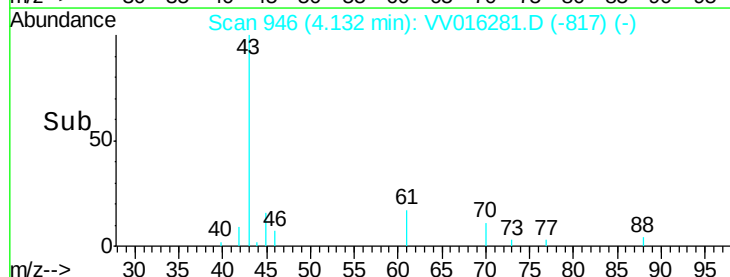
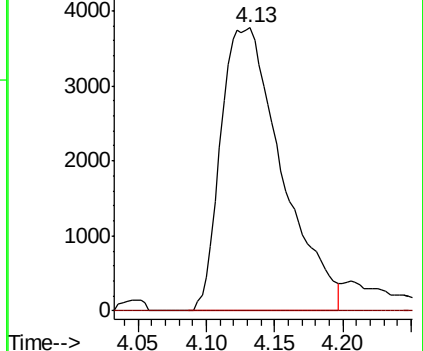
43 100

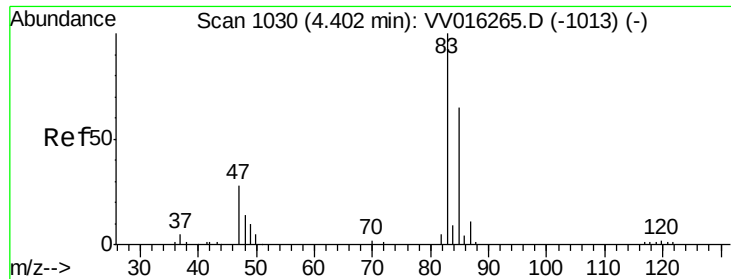
72 0.0 9.7 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0

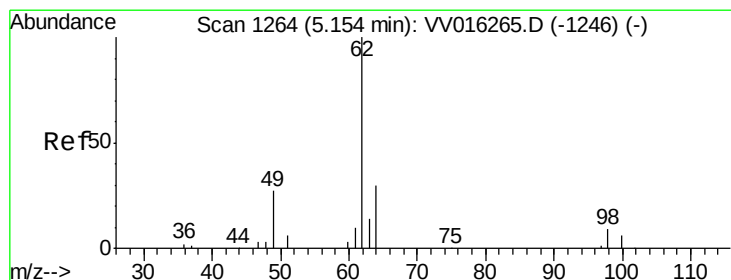
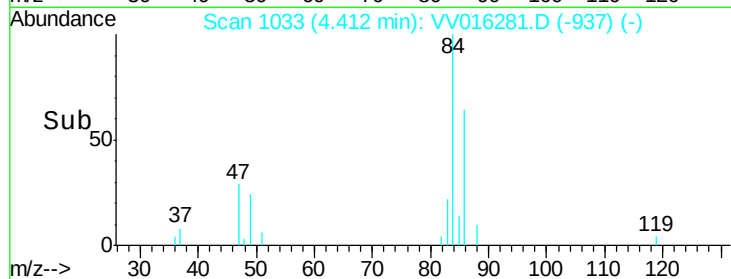
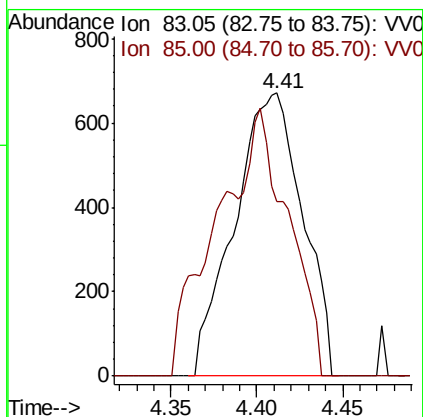
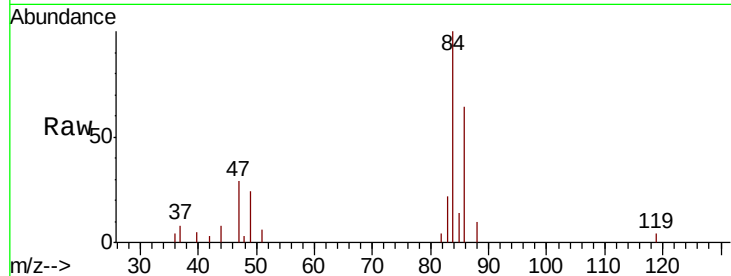




#25
Chloroform
Concen: 0.152 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV016281.D
Acq: 28 May 2020 16:58

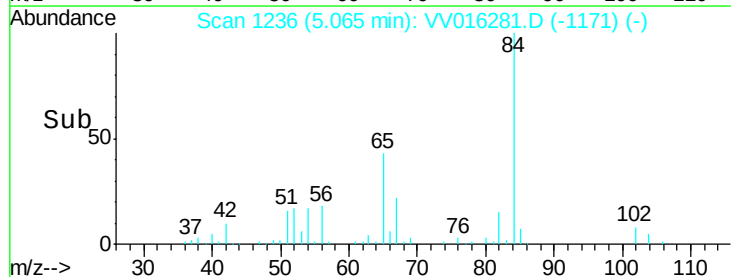
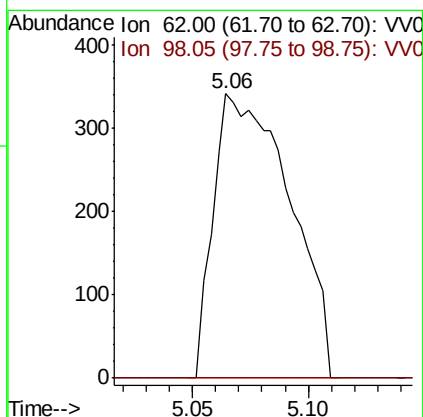
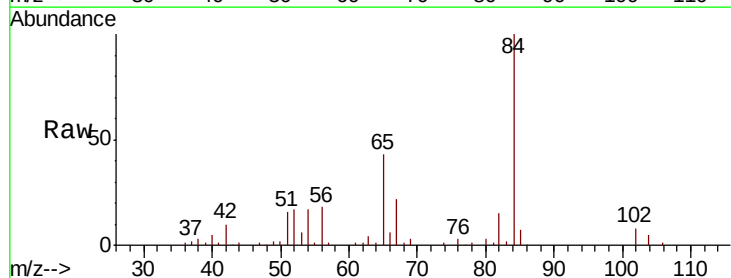
Instrument :
MSVOA_V
ClientSampleId :

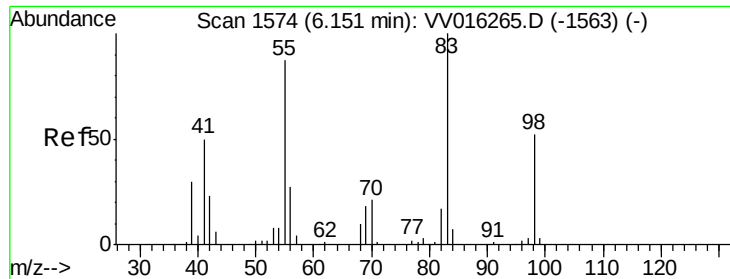
Tot Ion: 83 Resp: 1849
Ion Ratio Lower Upper
83 100
85 61.7 45.1 83.7



#27
1,2-Dichloroethane
Concen: 0.098 ug/L
RT: 5.06 min Scan# 1236
Delta R.T. -0.09 min
Lab File: VV016281.D
Acq: 28 May 2020 16:58

Tgt Ion: 62 Resp: 779
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#

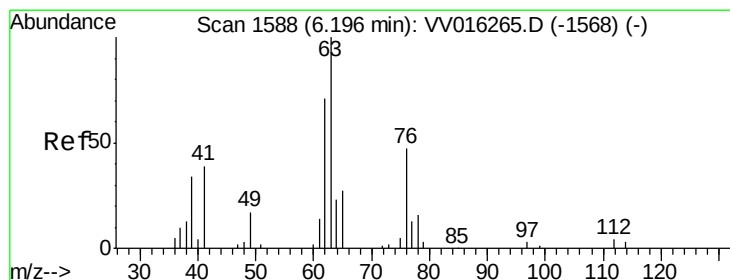
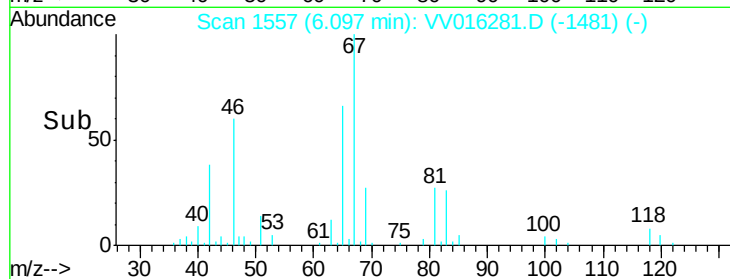
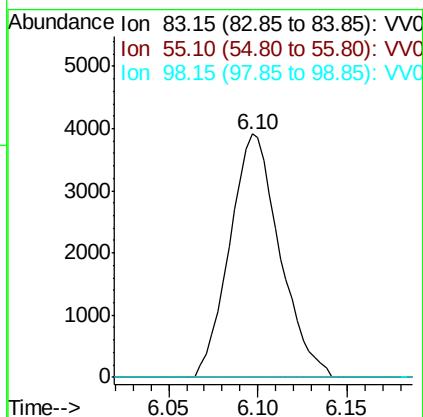
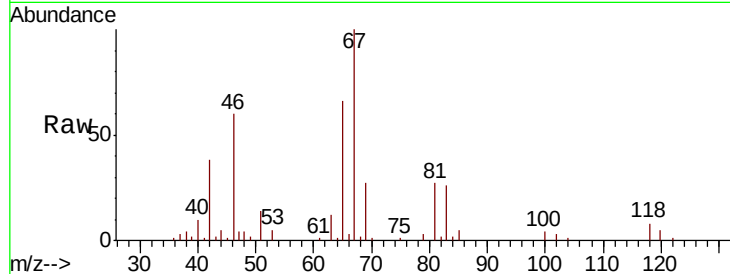




#35
Methylvlcyclohexane
Concen: 0.650 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016281.D
Acq: 28 May 2020 16:58

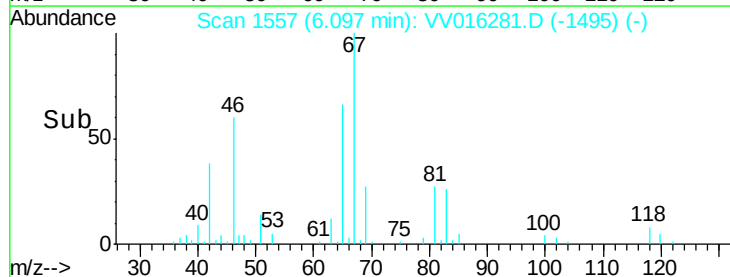
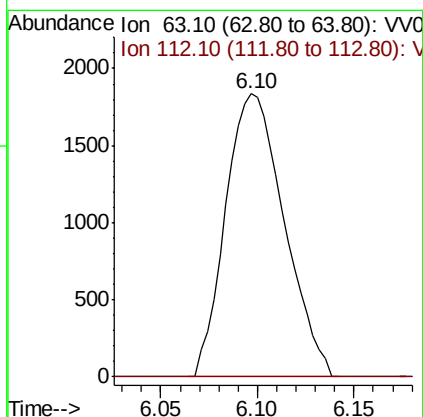
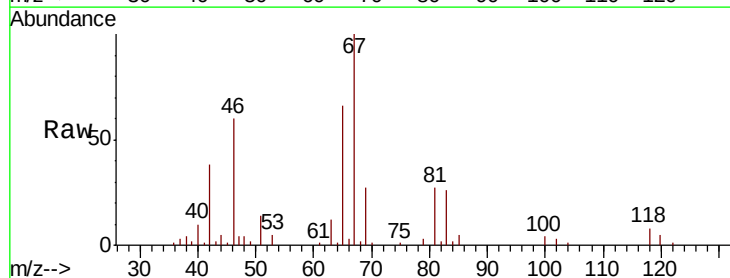
Instrument :
MSVOA_V
ClientSampleId :

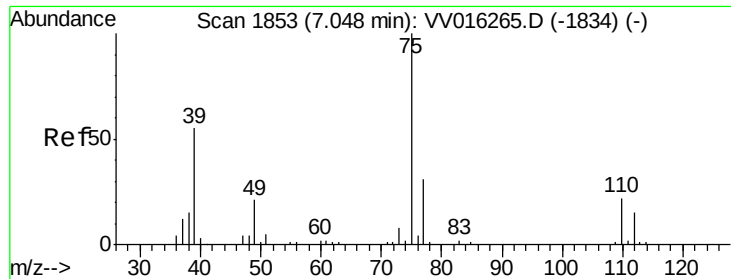
Tot Ion: 83 Resp: 7612
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 0.8 39.3 58.9#



#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016281.D
Acq: 28 May 2020 16:58

Tgt Ion: 63 Resp: 3863
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

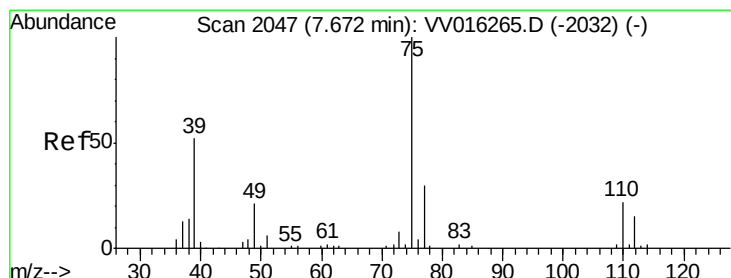
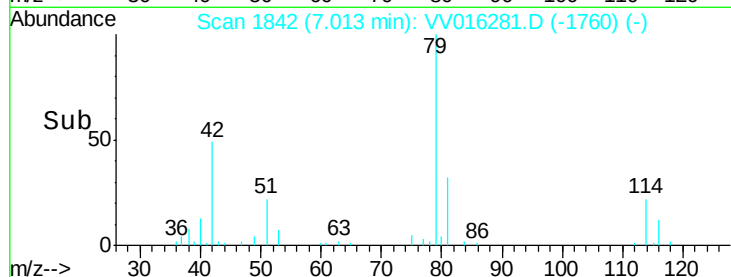
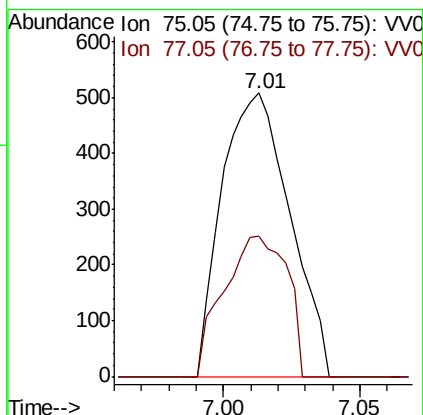
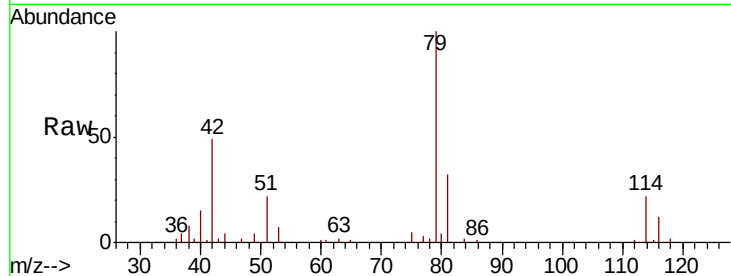




#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016281.D
 Acq: 28 May 2020 16:58

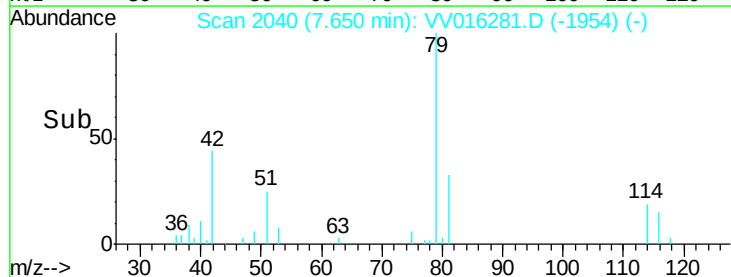
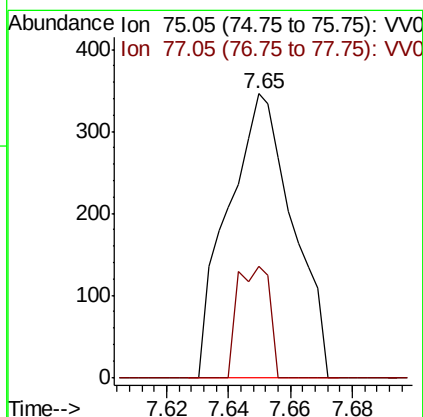
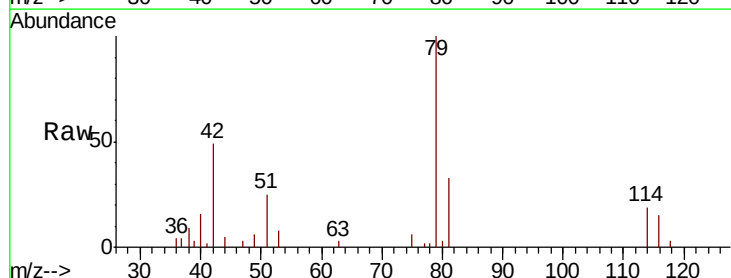
Instrument :
 MSVOA_V
 ClientSampled :

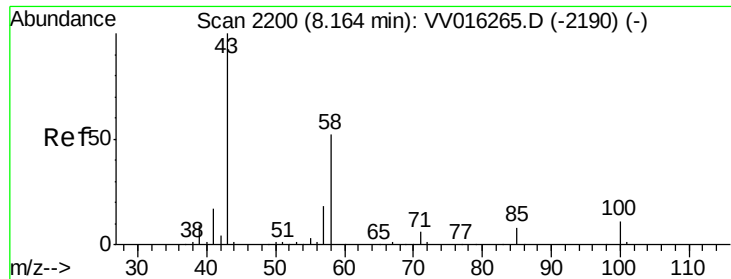
Tot Ion: 75 Resp: 878
 Ion Ratio Lower Upper
 75 100
 77 49.4 21.7 40.3#



#46
 trans-1,3-Dichloropropene
 Concen: 0.065 ug/L
 RT: 7.65 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: VV016281.D
 Acq: 28 May 2020 16:58

Tgt Ion: 75 Resp: 502
 Ion Ratio Lower Upper
 75 100
 77 39.3 21.7 40.3

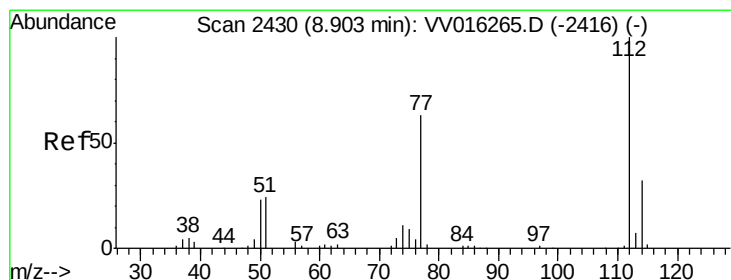
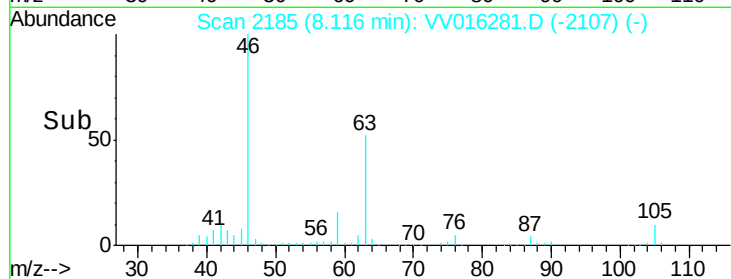
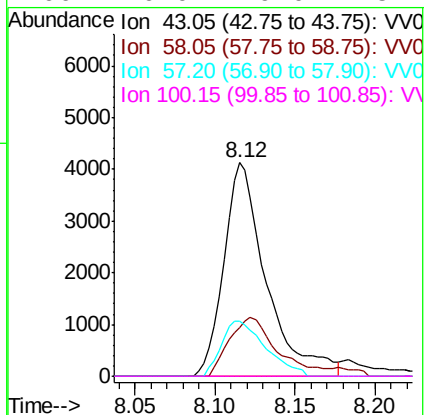
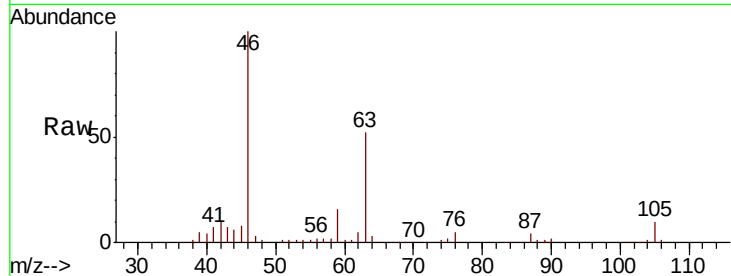




#50
2-Hexanone
Concen: 2.641 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016281.D
Acq: 28 May 2020 16:58

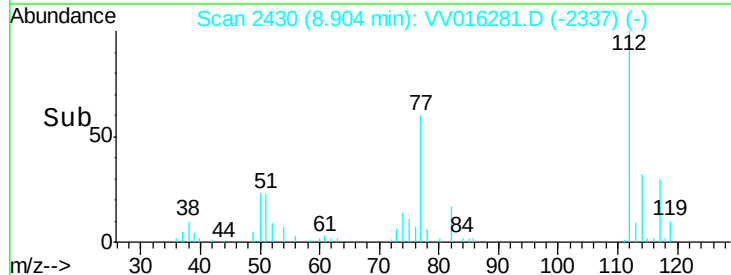
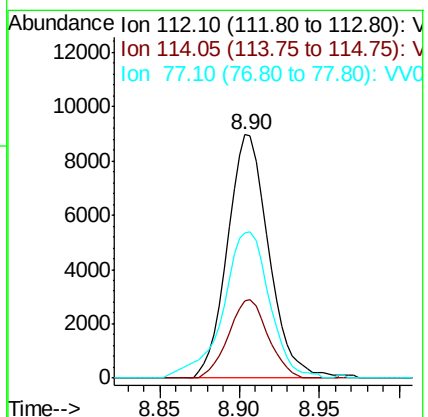
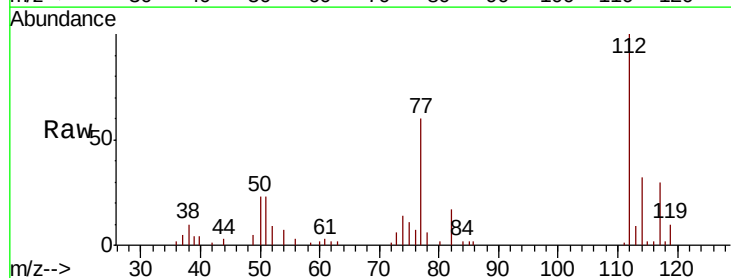
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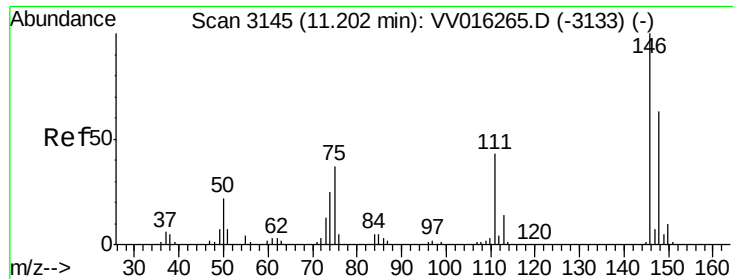
Tot Ion: 43 Resp: 7488
Ion Ratio Lower Upper
43 100
58 31.1 41.4 62.0#
57 26.9 15.0 22.4#
100 0.0 9.0 13.4#



#53
Chlorobenzene
Concen: 0.879 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV016281.D
Acq: 28 May 2020 16:58

Tgt Ion: 112 Resp: 15789
Ion Ratio Lower Upper
112 100
114 31.5 22.3 41.3
77 59.7 50.7 76.1





#63

1,3-Dichlorobenzene

Concen: 0.128 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.10 min

Lab File: VV016281.D

Acq: 28 May 2020 16:58

Instrument :

MSVOA_V

ClientSampleId :

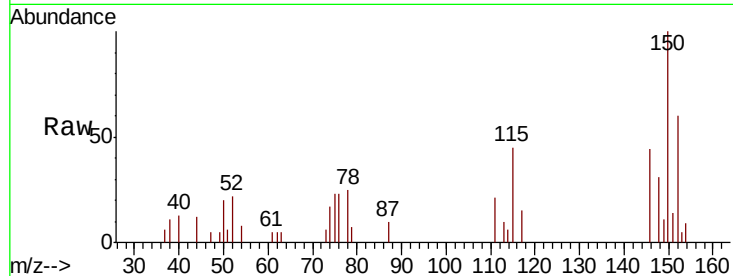
Tot Ion:146 Resp: 1584

Ion Ratio Lower Upper

146 100

111 48.0 29.7 55.1

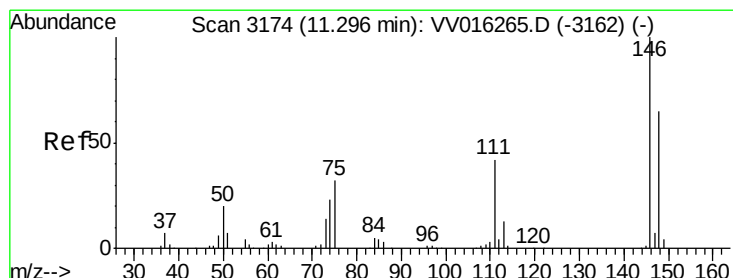
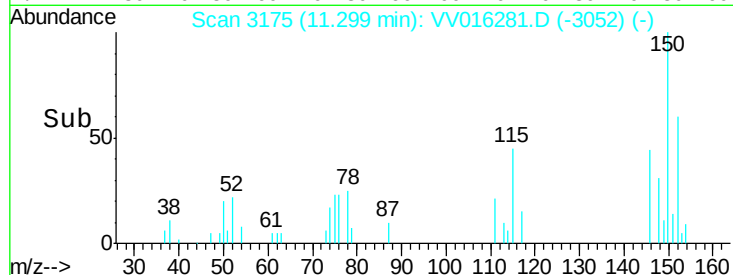
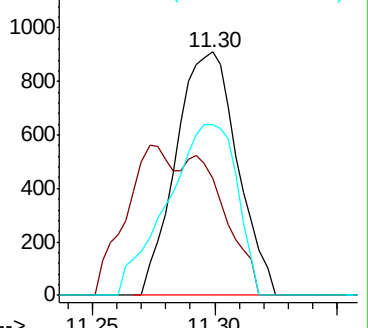
148 69.9 45.9 85.3



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



#64

1,4-Dichlorobenzene

Concen: 0.126 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.00 min

Lab File: VV016281.D

Acq: 28 May 2020 16:58

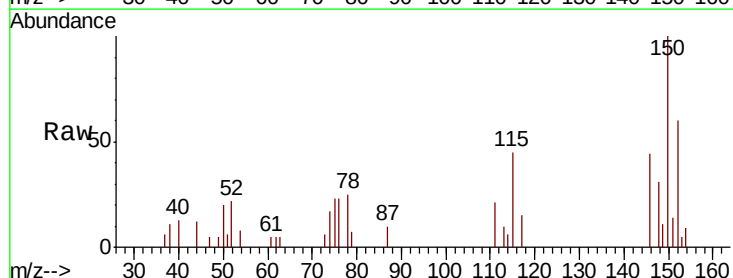
Tgt Ion:146 Resp: 1584

Ion Ratio Lower Upper

146 100

111 48.0 28.3 52.7

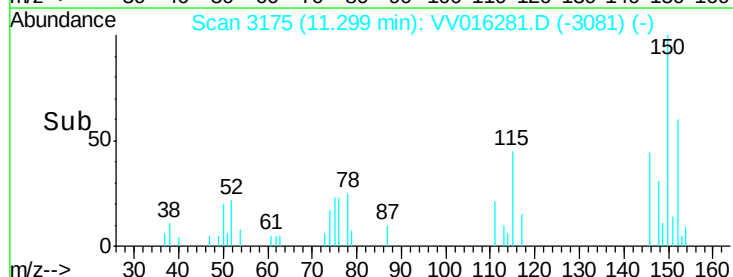
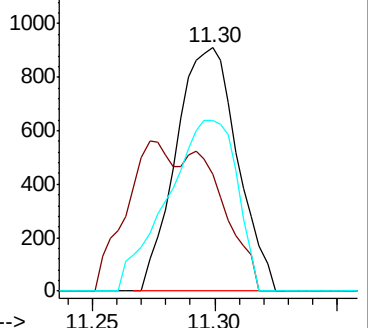
148 69.9 43.3 80.3

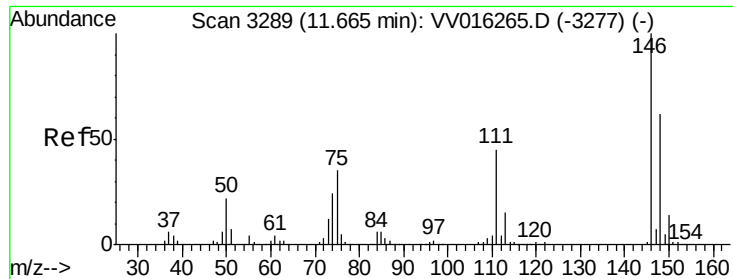


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

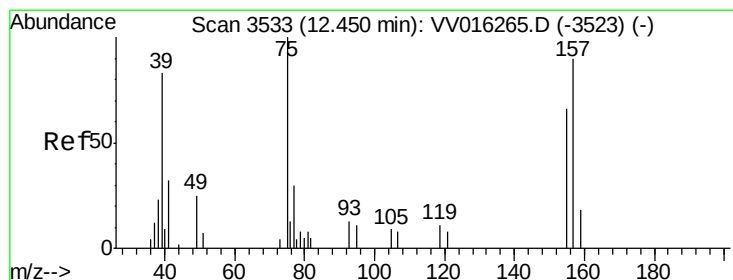
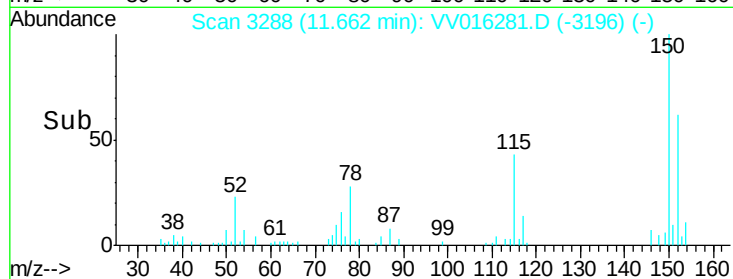
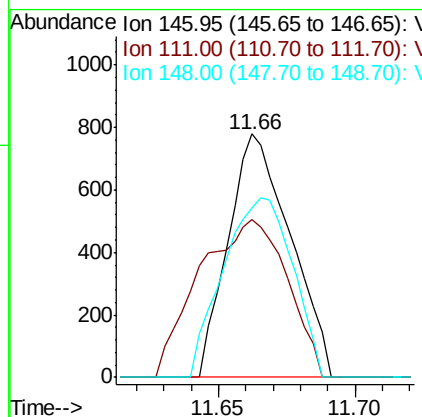
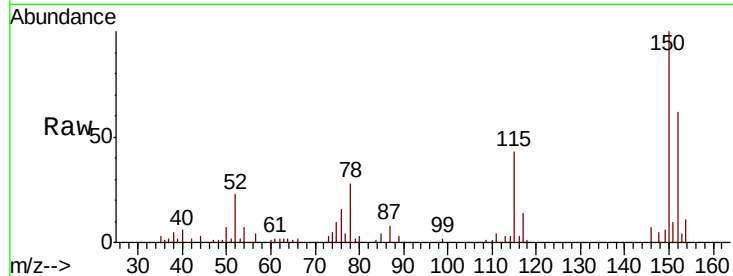




#66
 1,2-Dichlorobenzene
 Concen: 0.110 ug/L
 RT: 11.66 min Scan# 3288
 Delta R.T. -0.00 min
 Lab File: VV016281.D
 Acq: 28 May 2020 16:58

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:146 Resp: 1232
 Ion Ratio Lower Upper
 146 100
 111 64.7 35.7 53.5#
 148 69.7 51.3 76.9



#67
 1,2-Dibromo-3-chloropropane
 Concen: 0.572 ug/L
 RT: 12.42 min Scan# 3524
 Delta R.T. -0.03 min
 Lab File: VV016281.D
 Acq: 28 May 2020 16:58

Tgt Ion: 75 Resp: 432
 Ion Ratio Lower Upper
 75 100
 155 0.0 56.2 84.4#
 157 0.0 71.9 107.9#

