

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\
 Data File : VV015907.D
 Acq On : 06 May 2020 14:09
 Operator : SY/MD
 Sample : L2519-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 07 02:03:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 07 02:01:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	162904	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	157565	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	75135	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44173	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	41021	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.12	63	69995	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.92	46	125519	48.32	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.64%
24) Chloroform-d	4.38	84	94712	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.06	65	54241	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.08	84	187652	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.09	67	57662	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.34	98	168201	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.65	79	20126	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.11	63	92119	43.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	38533	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	60853	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

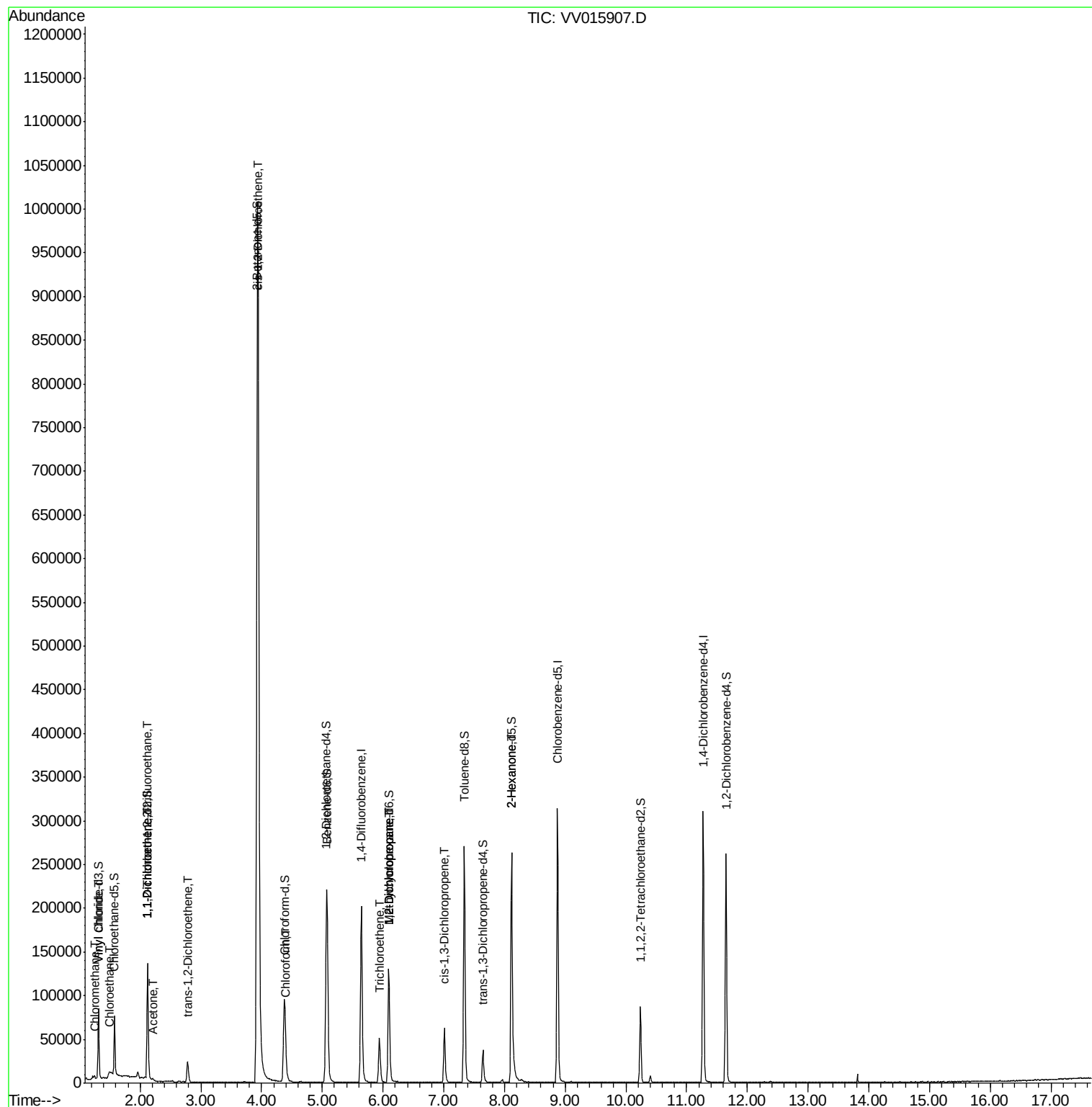
					Ovalue
3) Chloromethane	1.25	50	1542	0.119 ug/L	91
5) Vinyl chloride	1.32	62	1152	0.093 ug/L #	1
8) Chloroethane	1.50	64	10023	1.323 ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1767	0.185 ug/L #	79
12) 1,1-Dichloroethene	2.13	96	798	0.087 ug/L #	1
13) Acetone	2.21	43	4002	2.502 ug/L #	57
18) trans-1,2-Dichloroethene	2.78	96	8092	0.788 ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	494091	46.196 ug/L	98
25) Chloroform	4.41	83	6381	0.299 ug/L	96
34) Trichloroethene	5.94	95	18033	1.605 ug/L	97
35) Methylcyclohexane	6.10	83	14675	0.798 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	7236	0.701 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1844	0.127 ug/L #	63
48) 2-Hexanone	8.11	43	13423	2.918 ug/L #	74

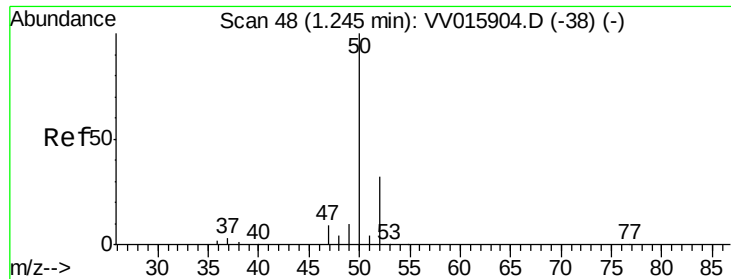
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.119 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV015907.D

Acq: 06 May 2020 14:09

Instrument :

MSVOA_V

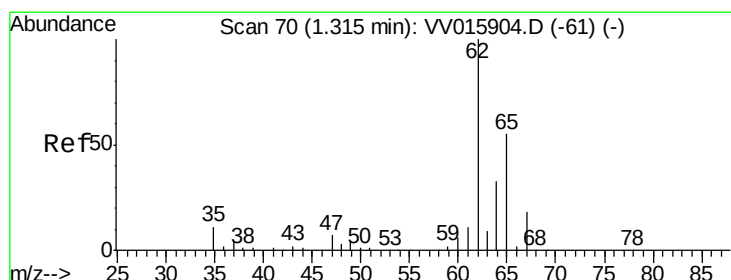
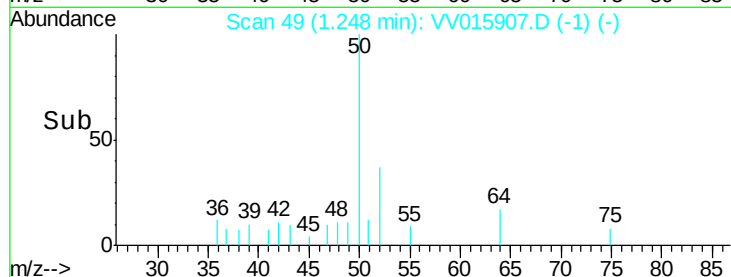
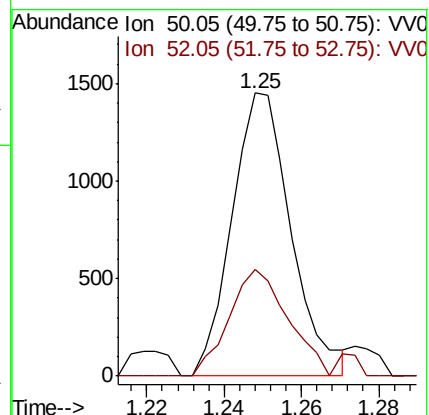
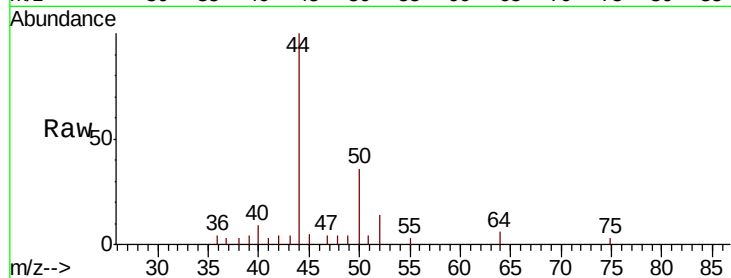
ClientSampleId :

Tot Ion: 50 Resp: 1542

Ion Ratio Lower Upper

50 100

52 37.5 22.8 42.4



#5

Vinyl chloride

Concen: 0.093 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015907.D

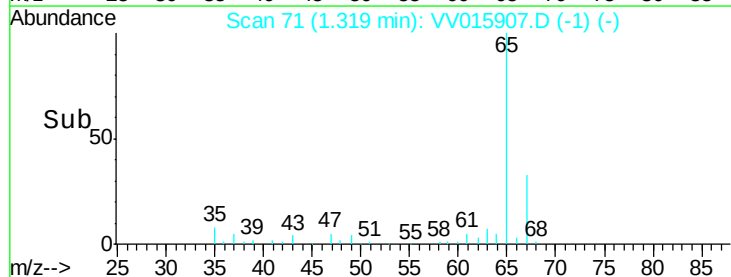
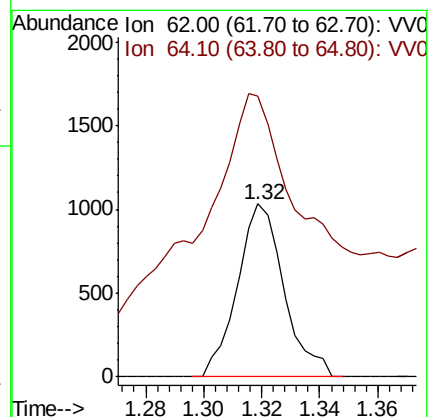
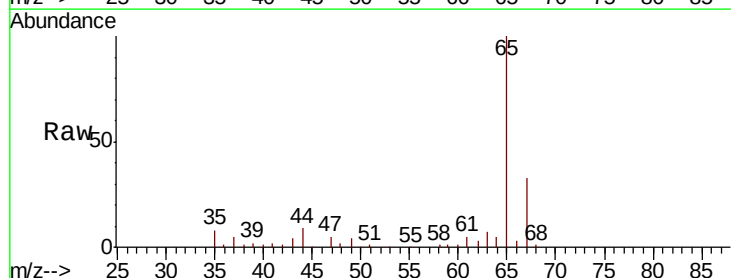
Acq: 06 May 2020 14:09

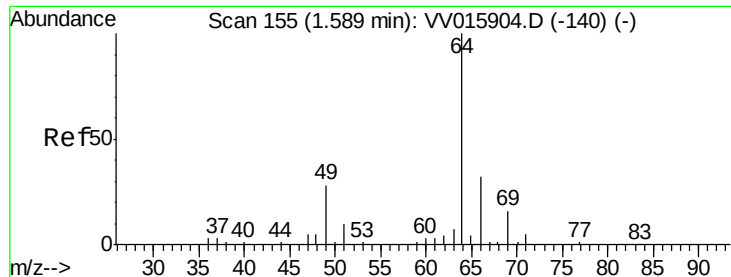
Tgt Ion: 62 Resp: 1152

Ion Ratio Lower Upper

62 100

64 162.5 22.4 41.6#





#8

Chloroethane

Concen: 1.323 ug/L

RT: 1.50 min Scan# 128

Delta R.T. -0.09 min

Lab File: VV015907.D

Acq: 06 May 2020 14:09

Instrument :

MSVOA_V

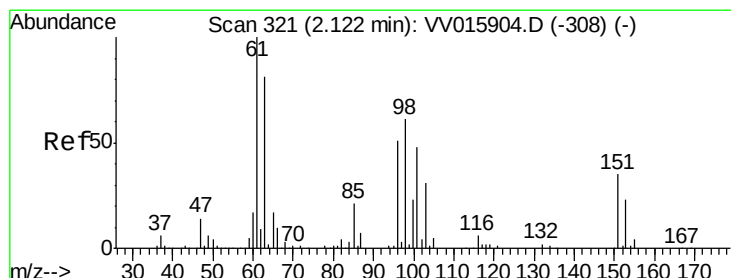
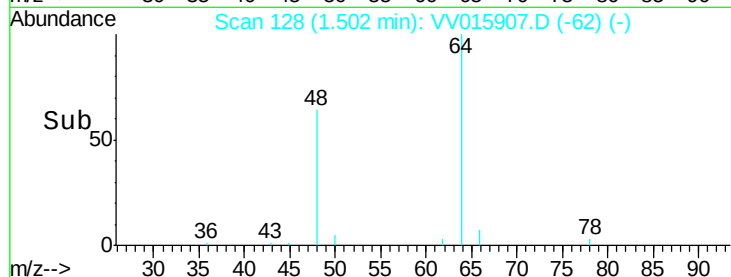
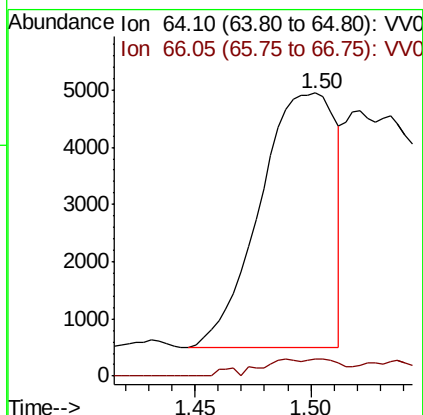
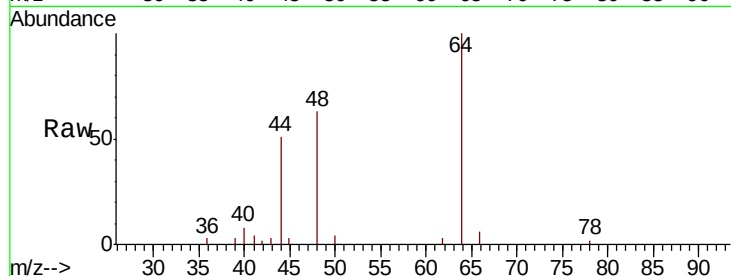
ClientSampled :

Tot Ion: 64 Resp: 10023

Ion Ratio Lower Upper

64 100

66 6.1 23.6 43.8#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.185 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.00 min

Lab File: VV015907.D

Acq: 06 May 2020 14:09

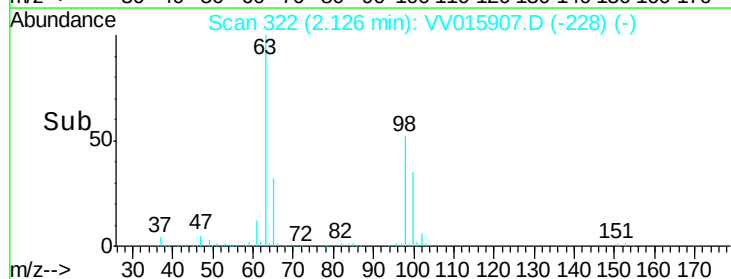
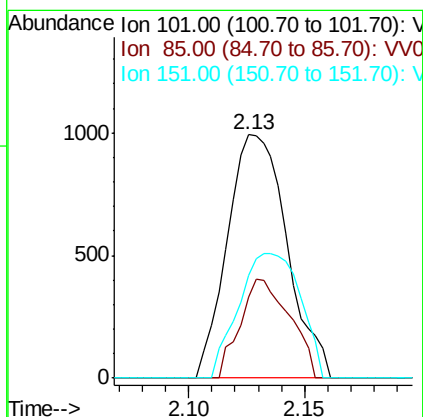
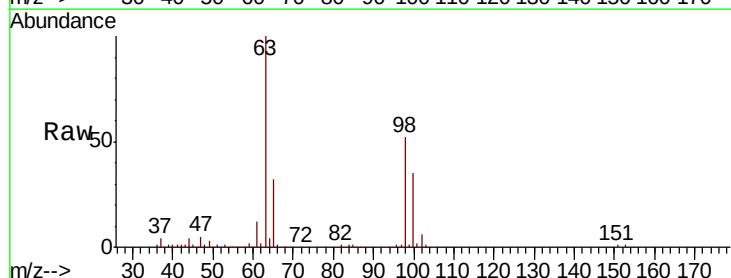
Tgt Ion: 101 Resp: 1767

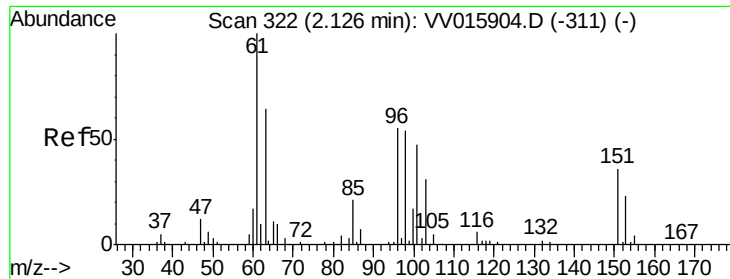
Ion Ratio Lower Upper

101 100

85 33.8 35.7 53.5#

151 53.0 58.0 87.0#





#12

1,1-Dichloroethene

Concen: 0.087 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.00 min

Lab File: VV015907.D

Acq: 06 May 2020 14:09

Instrument :
MSVOA_V
ClientSampleId :

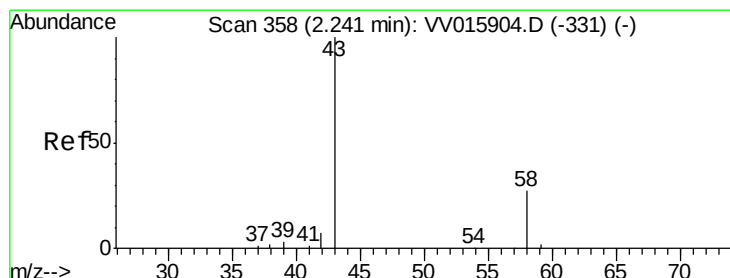
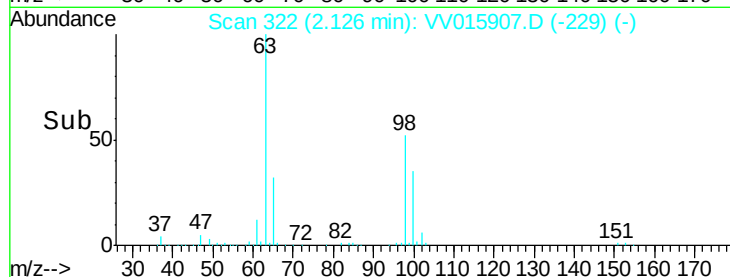
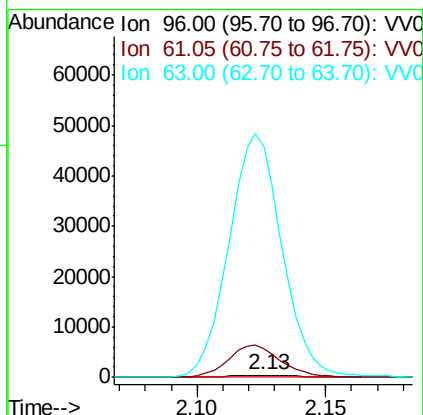
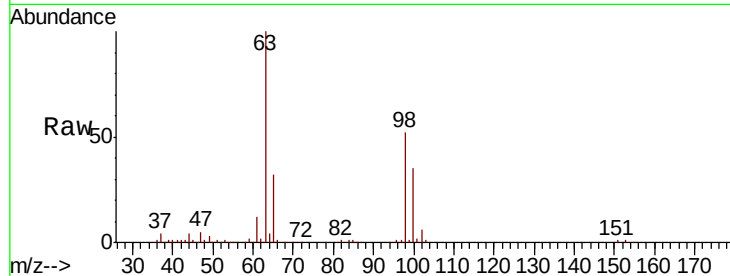
Tot Ion: 96 Resp: 798

Ion Ratio Lower Upper

96 100

61 1295.7 139.9 259.7#

63 10367.3 106.4 197.6#



#13

Acetone

Concen: 2.502 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.04 min

Lab File: VV015907.D

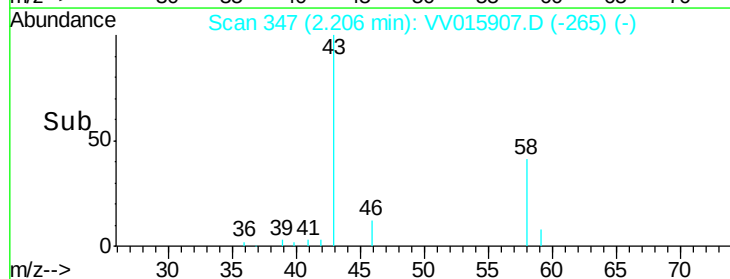
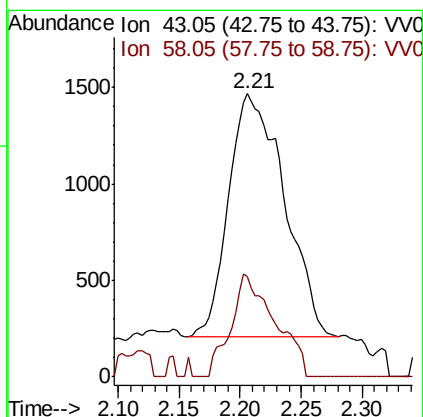
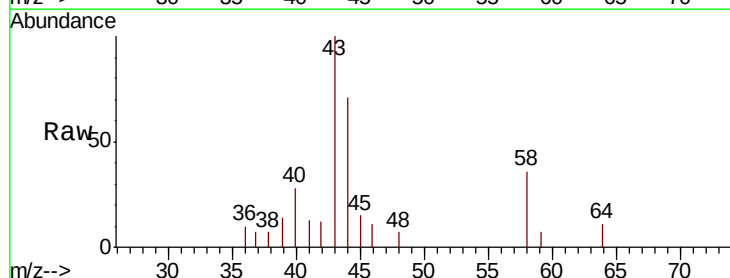
Acq: 06 May 2020 14:09

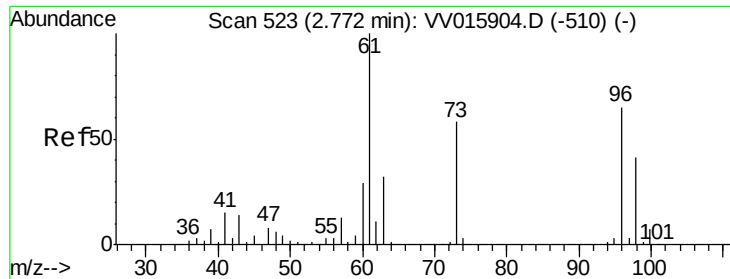
Tgt Ion: 43 Resp: 4002

Ion Ratio Lower Upper

43 100

58 33.3 0.0 30.8#





#18

trans-1,2-Dichloroethene

Concen: 0.788 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV015907.D

Acq: 06 May 2020 14:09

Instrument :

MSVOA_V

ClientSampled :

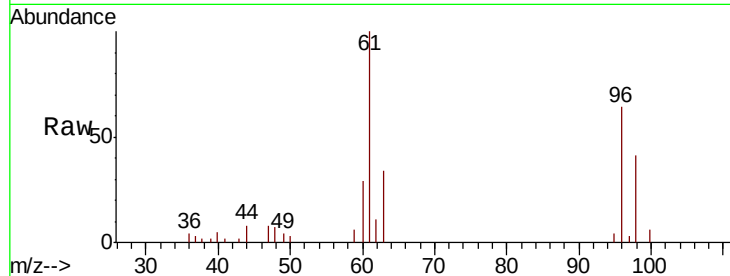
Tot Ion: 96 Resp: 8092

Ion Ratio Lower Upper

96 100

61 155.2 105.3 195.5

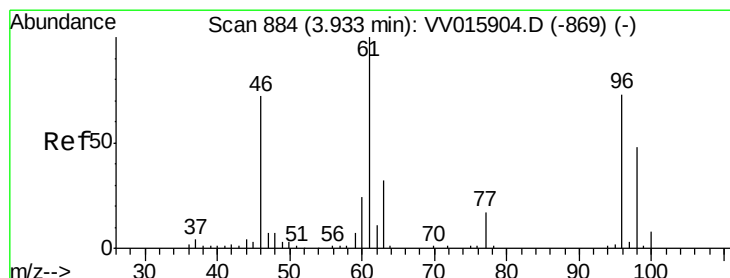
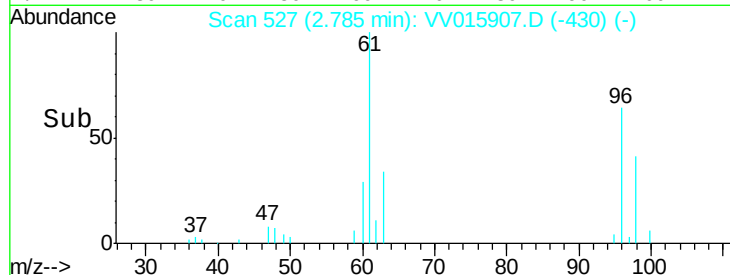
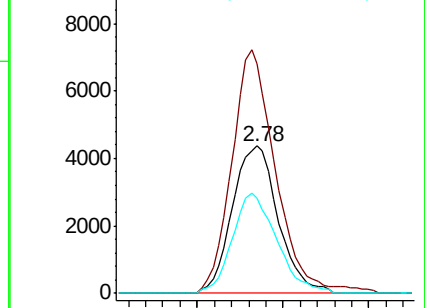
98 64.1 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VV015907.D (-430) (-)

Ion 61.05 (60.75 to 61.75): VV015907.D (-430) (-)

Ion 97.95 (97.65 to 98.65): VV015907.D (-430) (-)



#22

cis-1,2-Dichloroethene

Concen: 46.196 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV015907.D

Acq: 06 May 2020 14:09

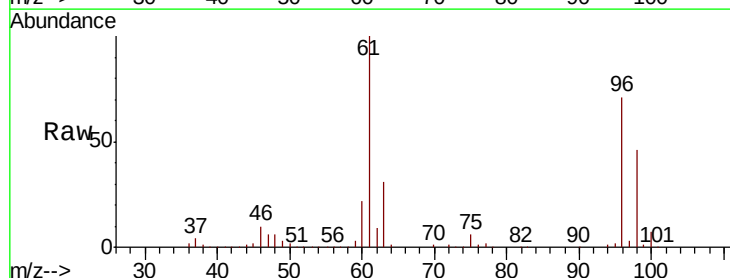
Tgt Ion: 96 Resp: 494091

Ion Ratio Lower Upper

96 100

61 140.9 97.2 180.6

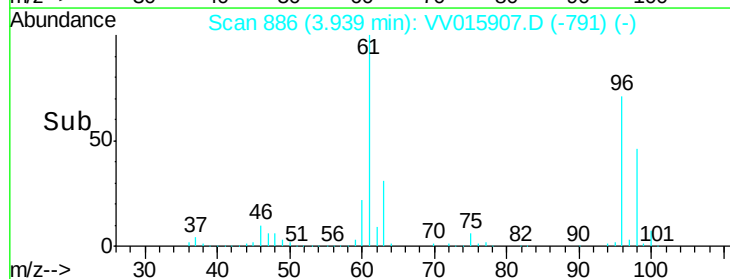
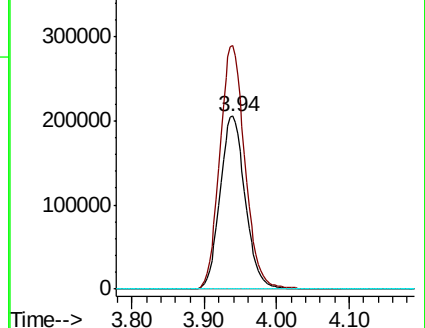
68 0.0 0.0 0.0

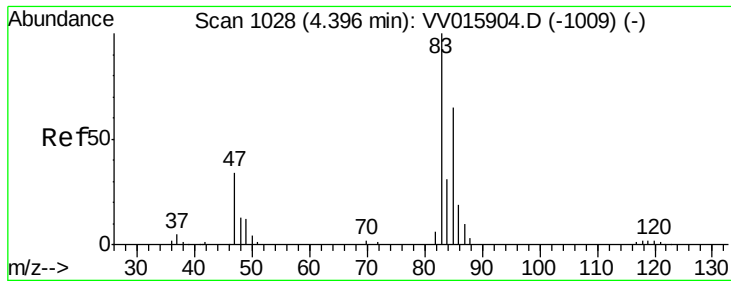


Abundance Ion 96.00 (95.70 to 96.70): VV015907.D (-791) (-)

Ion 61.05 (60.75 to 61.75): VV015907.D (-791) (-)

Ion 68.15 (67.85 to 68.85): VV015907.D (-791) (-)

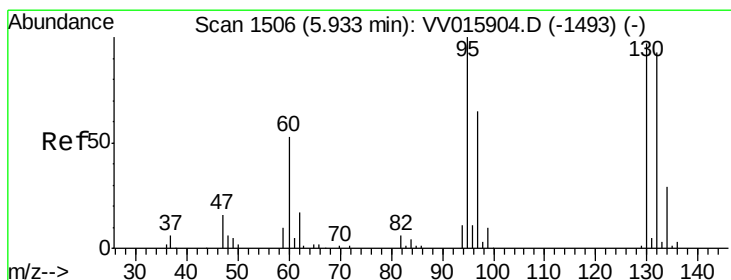
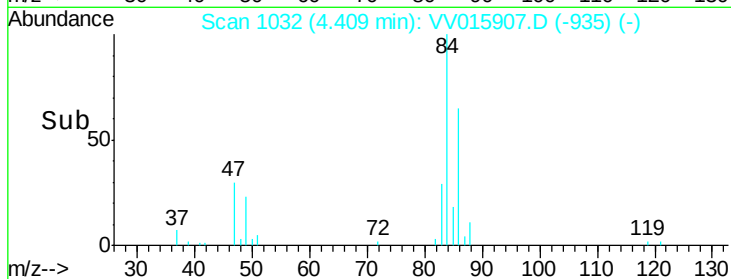
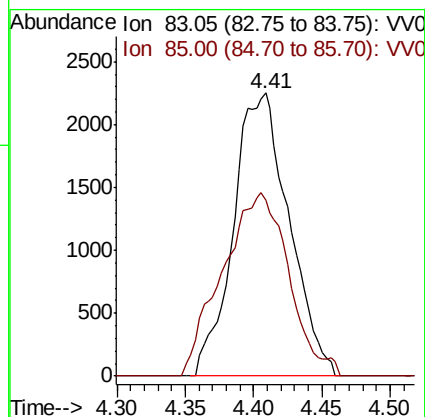
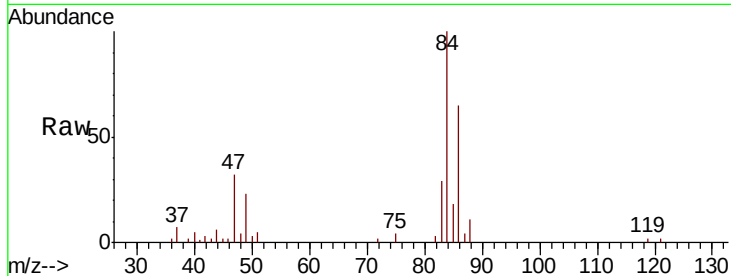




#25
Chloroform
Concen: 0.299 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015907.D
Acq: 06 May 2020 14:09

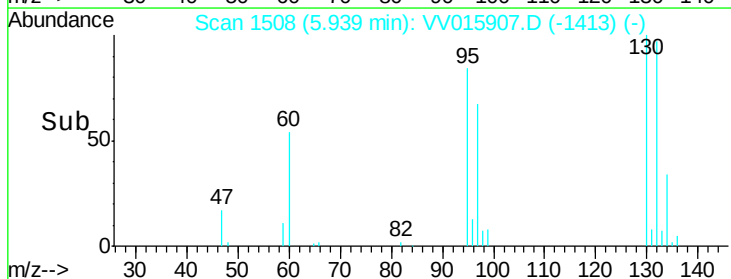
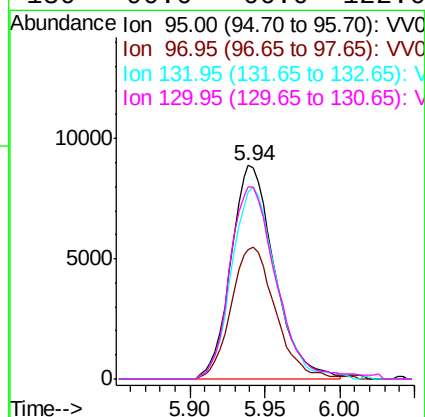
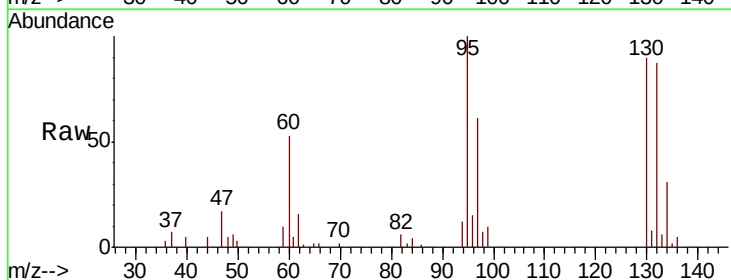
Instrument :
MSVOA_V
ClientSampled :

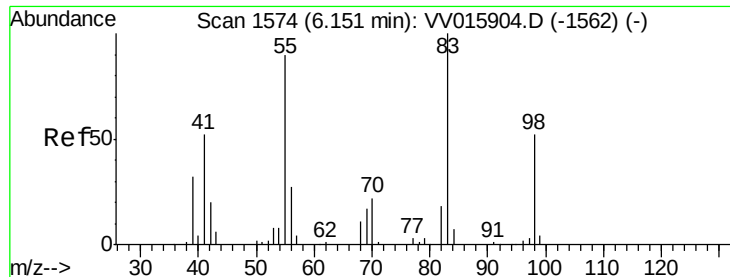
Tot Ion: 83 Resp: 6381
Ion Ratio Lower Upper
83 100
85 62.0 45.7 84.9



#34
Trichloroethene
Concen: 1.605 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.01 min
Lab File: VV015907.D
Acq: 06 May 2020 14:09

Tgt Ion: 95 Resp: 18033
Ion Ratio Lower Upper
95 100
97 60.7 43.3 80.5
132 87.5 60.3 112.1
130 90.0 66.0 122.6





#35

Methylvlcyclohexane

Concen: 0.798 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV015907.D

Acq: 06 May 2020 14:09

Instrument :

MSVOA_V

ClientSampleId :

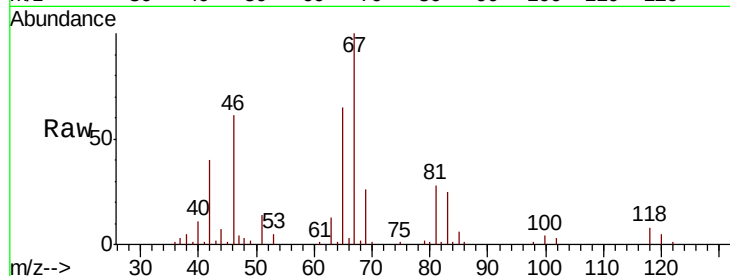
Tot Ion: 83 Resp: 14675

Ion Ratio Lower Upper

83 100

55 0.1 66.2 99.2#

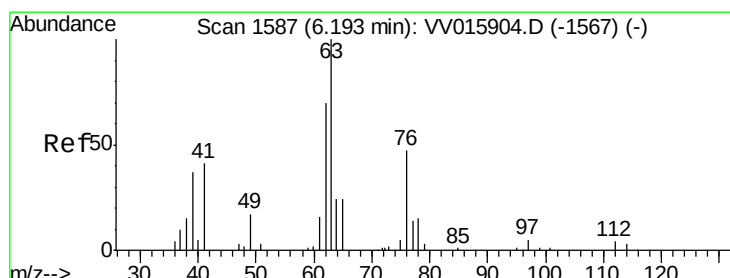
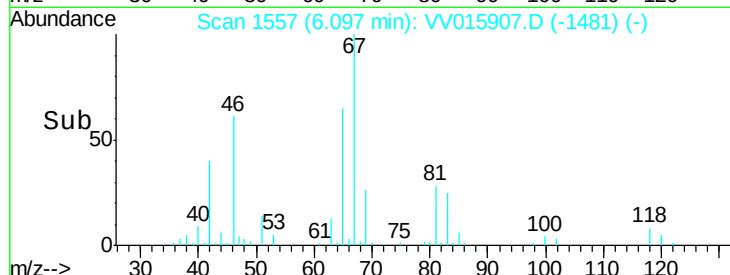
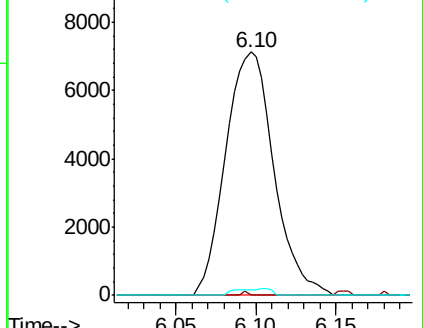
98 1.0 37.9 56.9#



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: 0.701 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV015907.D

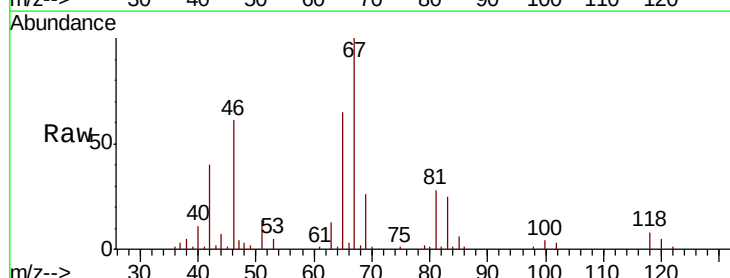
Acq: 06 May 2020 14:09

Tgt Ion: 63 Resp: 7236

Ion Ratio Lower Upper

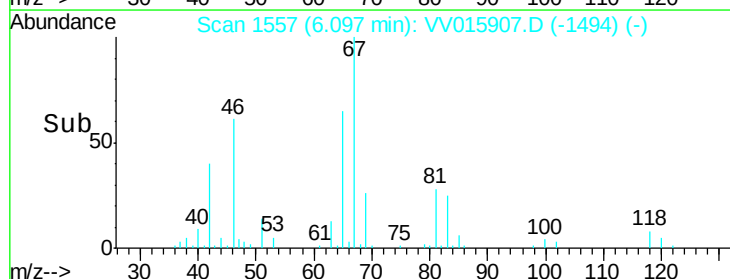
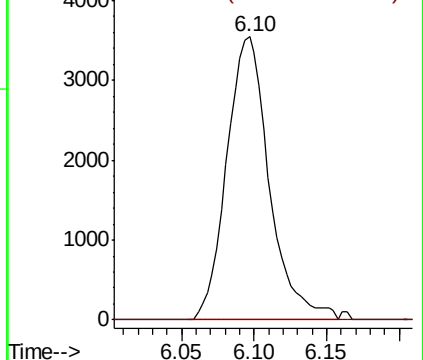
63 100

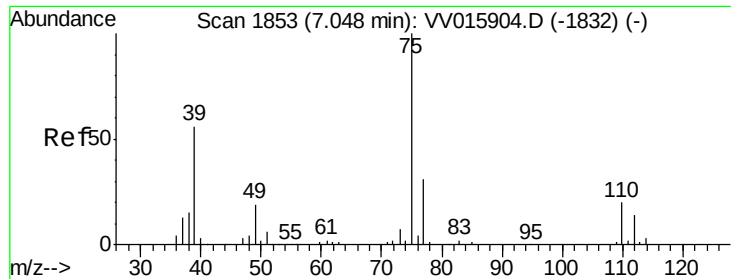
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

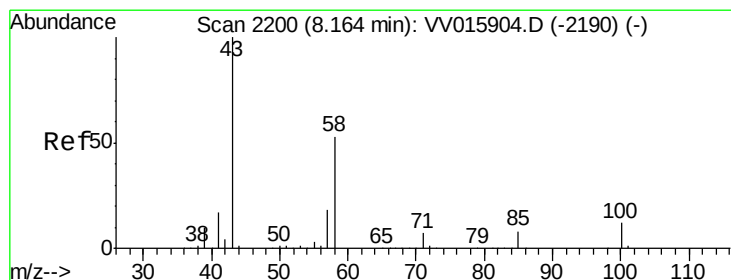
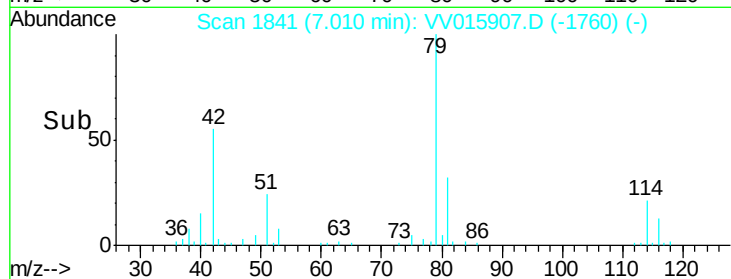
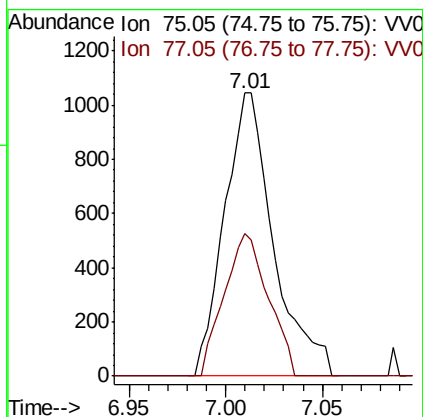
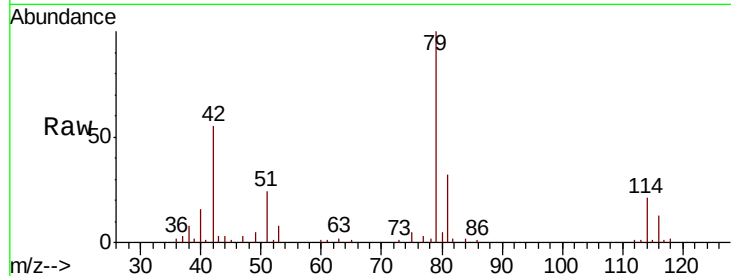




#39
 cis-1,3-Dichloropropene
 Concen: 0.127 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015907.D
 Acq: 06 May 2020 14:09

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 1844
 Ion Ratio Lower Upper
 75 100
 77 50.4 21.3 39.5#



#48
 2-Hexanone
 Concen: 2.918 ug/L
 RT: 8.11 min Scan# 2184
 Delta R.T. -0.05 min
 Lab File: VV015907.D
 Acq: 06 May 2020 14:09

Tgt Ion: 43 Resp: 13423
 Ion Ratio Lower Upper
 43 100
 58 30.7 40.8 61.2#
 57 24.9 14.7 22.1#
 100 0.0 9.0 13.6#

