

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
 Data File : VV015867.D
 Acq On : 01 May 2020 18:49
 Operator : SY/MD
 Sample : L2471-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 02 00:12:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 02 00:06:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	115570	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	112175	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	50790	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29408	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.57	69	27714	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.12	63	45706	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.97	46	87666	45.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.42%
24) Chloroform-d	4.38	84	64492	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.06	65	38758	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.08	84	122784	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.10	67	39870	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.34	98	106972	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.65	79	12786	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.12	63	64041	39.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27454	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	39714	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

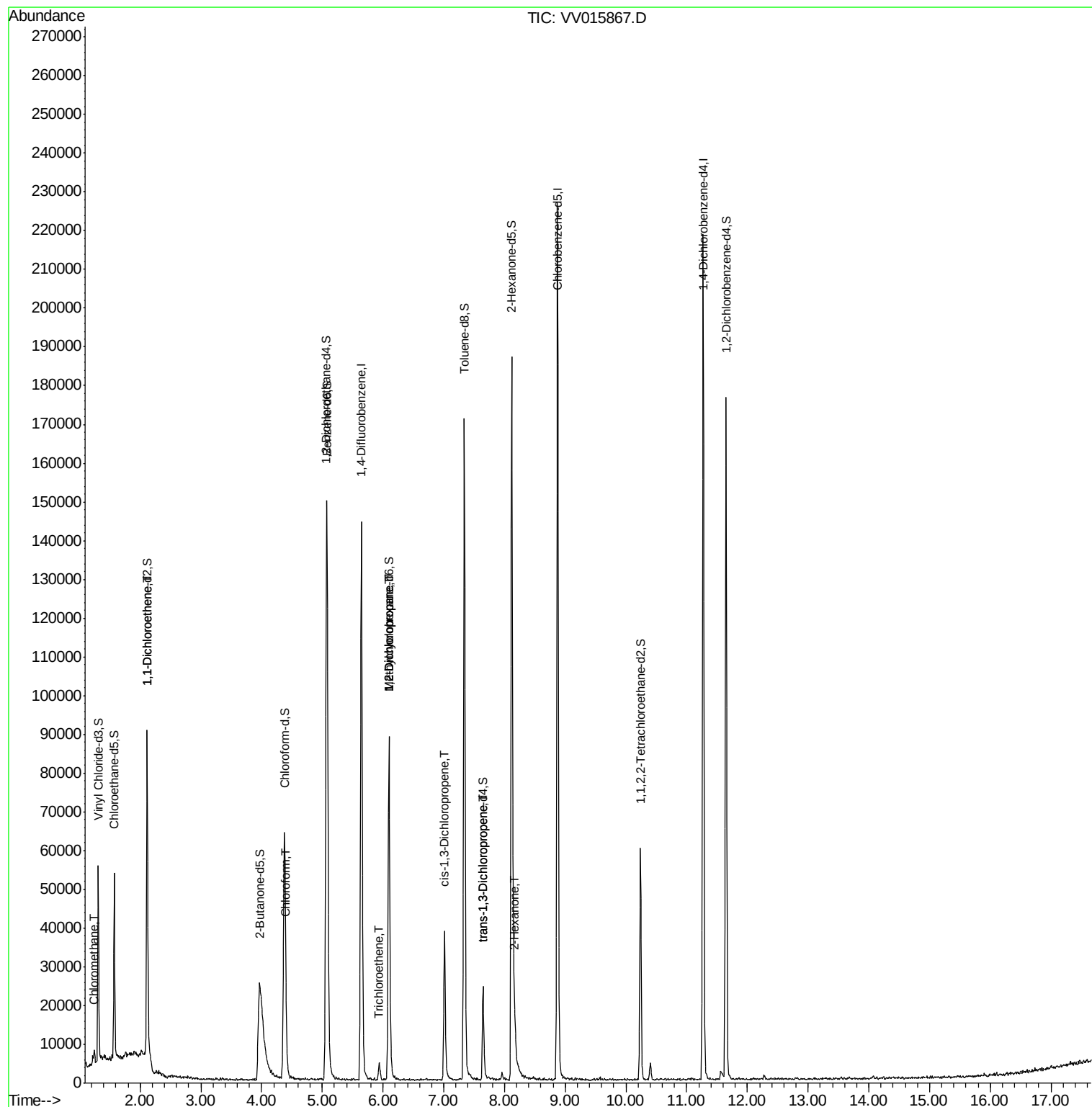
					Ovalue
3) Chloromethane	1.24	50	1457	0.170 ug/L	92
12) 1,1-Dichloroethene	2.12	96	518	0.077 ug/L #	1
25) Chloroform	4.41	83	2908	0.185 ug/L	99
34) Trichloroethene	5.94	95	903	0.102 ug/L	94
35) Methylcyclohexane	6.10	83	10046	0.740 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5345	0.656 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1285	0.113 ug/L #	68
44) trans-1,3-Dichloropropene	7.65	75	708	0.074 ug/L #	75
48) 2-Hexanone	8.17	43	6655	1.765 ug/L #	85

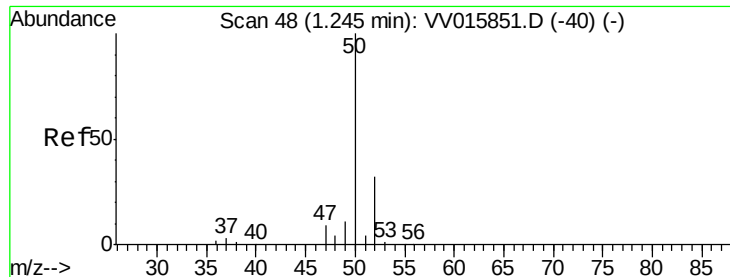
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 02 00:06:27 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.170 ug/L

RT: 1.24 min Scan# 48

Delta R.T. 0.00 min

Lab File: VV015867.D

Acq: 01 May 2020 18:49

Instrument :

MSVOA_V

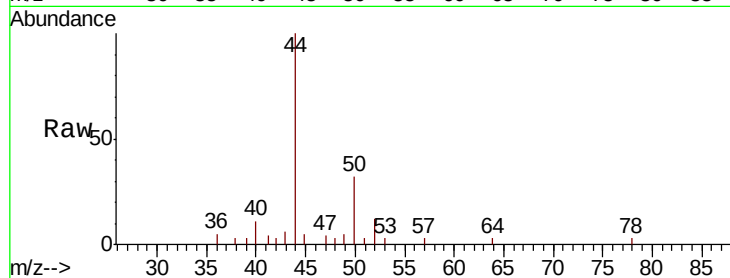
ClientSampled :

Tot Ion: 50 Resp: 1457

Ion Ratio Lower Upper

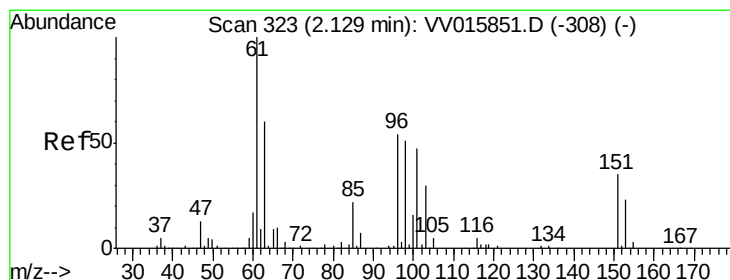
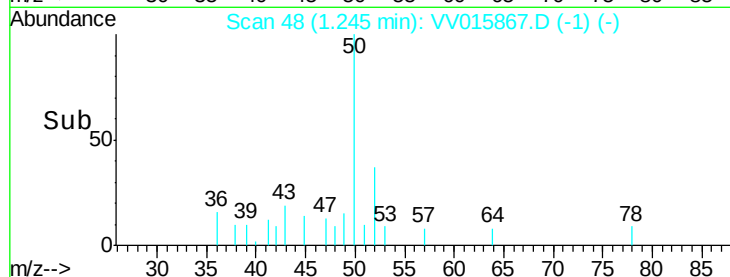
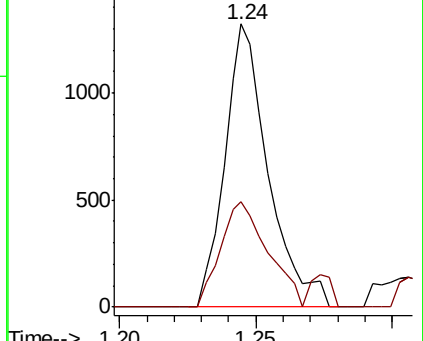
50 100

52 37.1 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 0.077 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015867.D

Acq: 01 May 2020 18:49

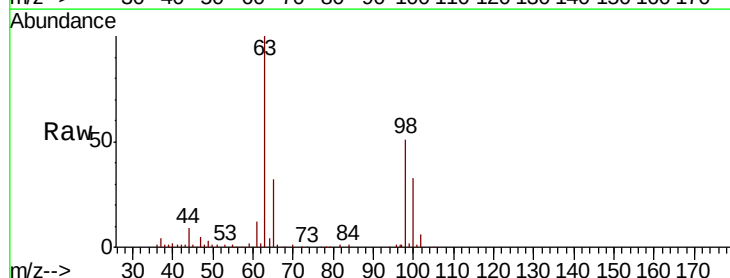
Tgt Ion: 96 Resp: 518

Ion Ratio Lower Upper

96 100

61 1477.2 130.1 241.7#

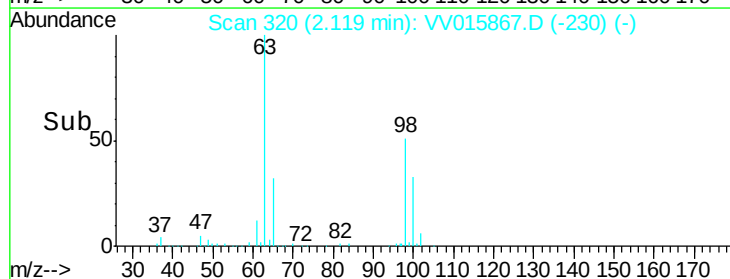
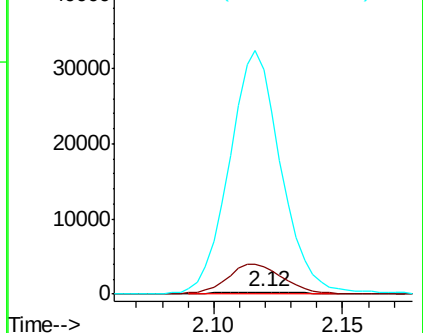
63 12156.1 91.4 169.8#

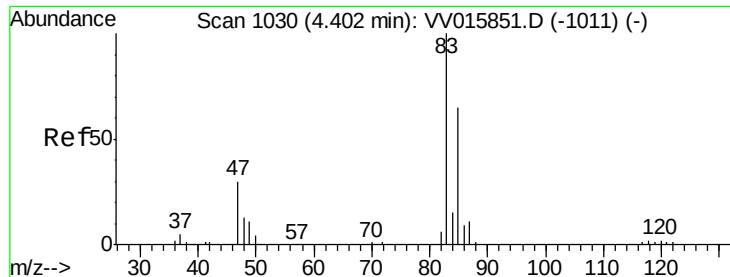


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

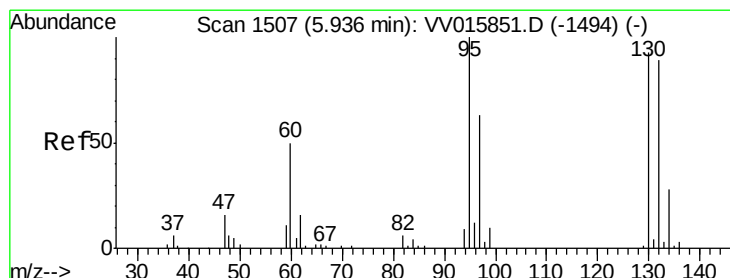
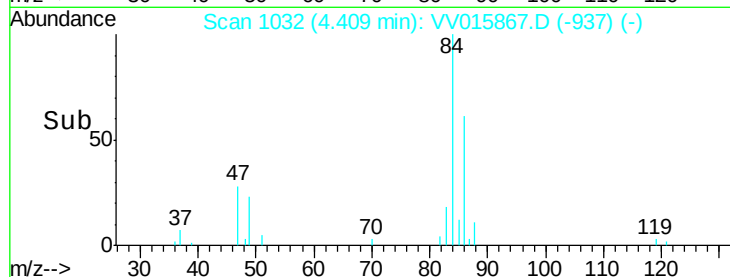
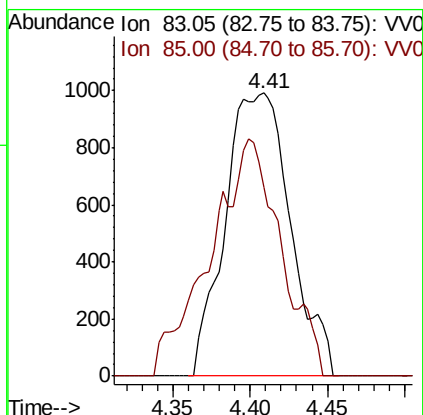
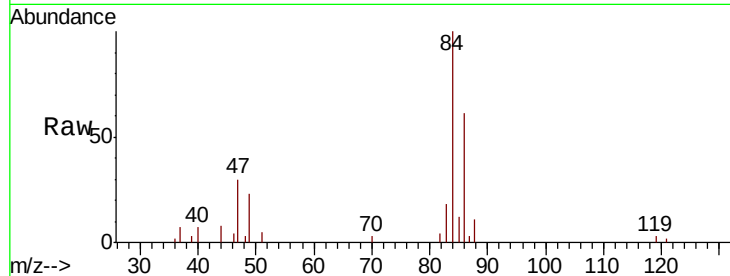




#25
Chloroform
Concen: 0.185 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015867.D
Acq: 01 May 2020 18:49

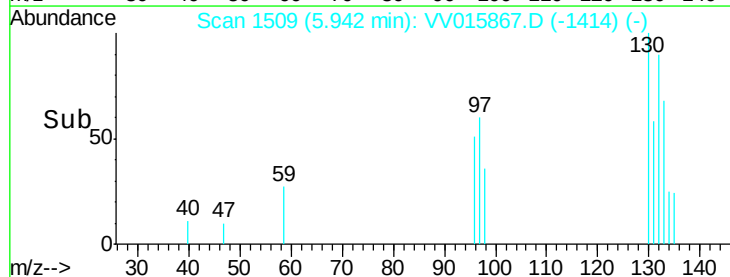
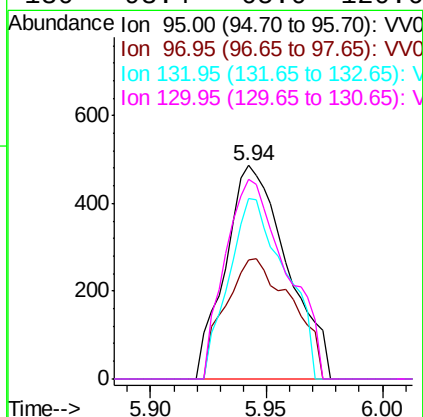
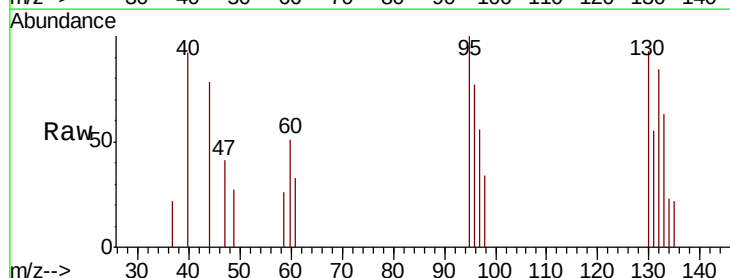
Instrument :
MSVOA_V
ClientSampled :

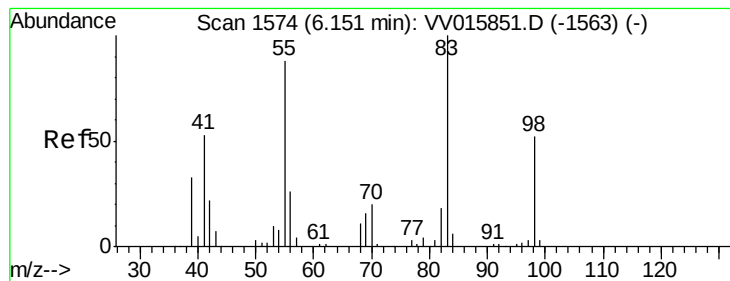
Tot Ion: 83 Resp: 2908
Ion Ratio Lower Upper
83 100
85 66.4 46.1 85.5



#34
Trichloroethene
Concen: 0.102 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV015867.D
Acq: 01 May 2020 18:49

Tgt Ion: 95 Resp: 903
Ion Ratio Lower Upper
95 100
97 55.6 44.7 82.9
132 84.4 65.2 121.0
130 93.4 65.0 120.6





#35

Methylvlcyclohexane

Concen: 0.740 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV015867.D

Acq: 01 May 2020 18:49

Instrument :

MSVOA_V

ClientSampleId :

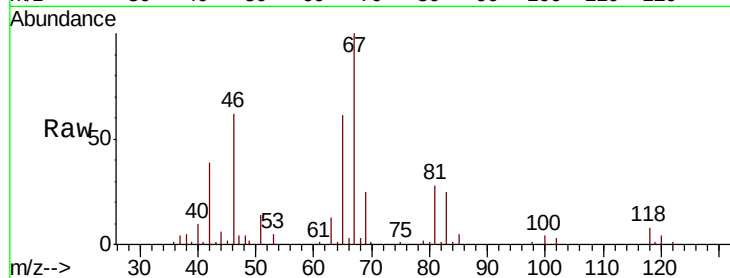
Tot Ion: 83 Resp: 10046

Ion Ratio Lower Upper

83 100

55 0.2 66.6 99.8#

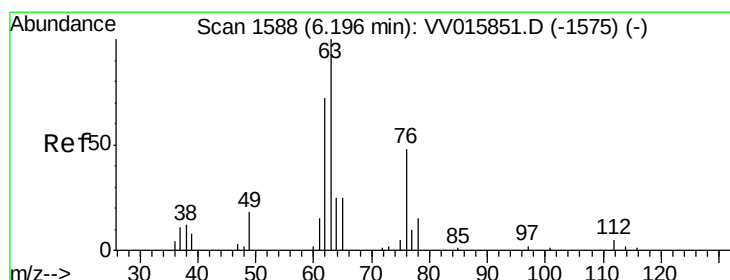
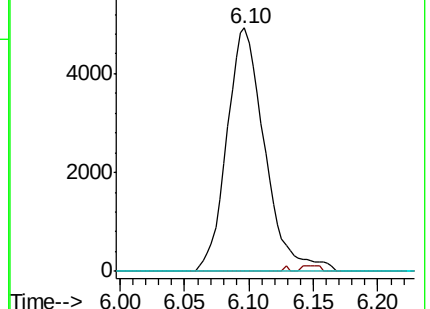
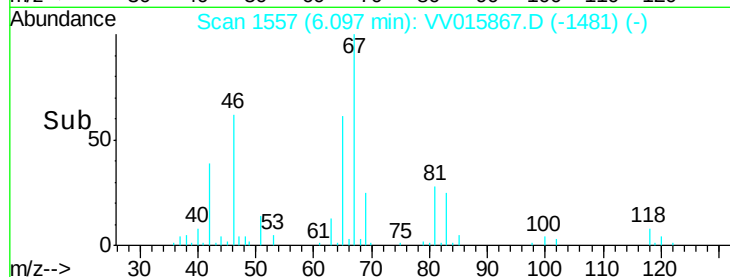
98 1.7 39.5 59.3#



Abundance Ion 83.15 (82.85 to 83.85): VV015851.D (-1563) (-)

Ion 55.10 (54.80 to 55.80): VV015851.D (-1563) (-)

Ion 98.15 (97.85 to 98.85): VV015851.D (-1563) (-)



#37

1,2-Dichloropropane

Concen: 0.656 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV015867.D

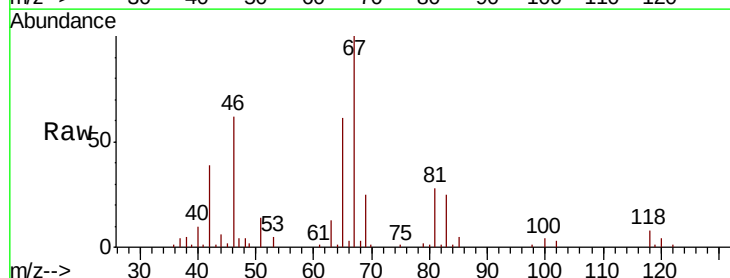
Acq: 01 May 2020 18:49

Tgt Ion: 63 Resp: 5345

Ion Ratio Lower Upper

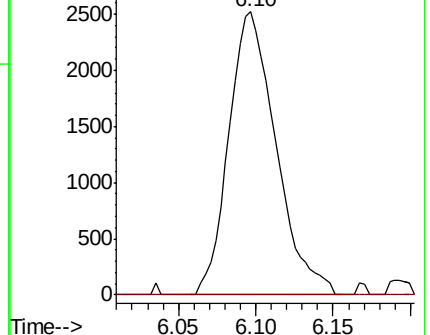
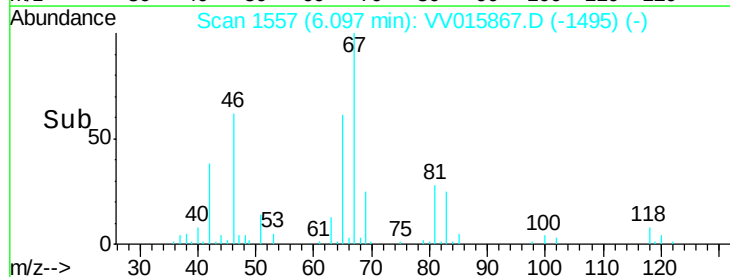
63 100

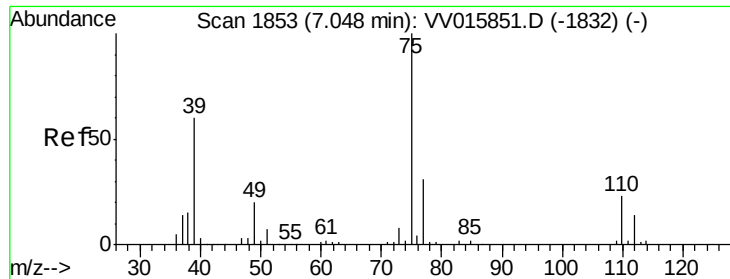
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV015851.D (-1575) (-)

Ion 112.10 (111.80 to 112.80): VV015851.D (-1575) (-)

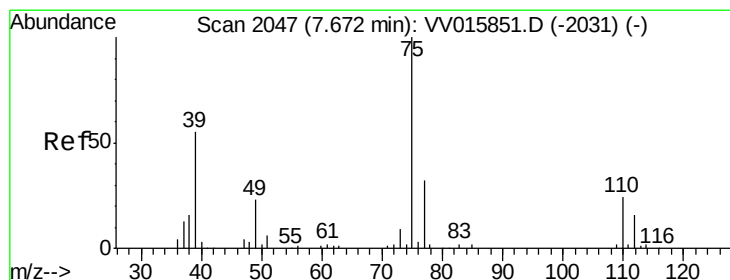
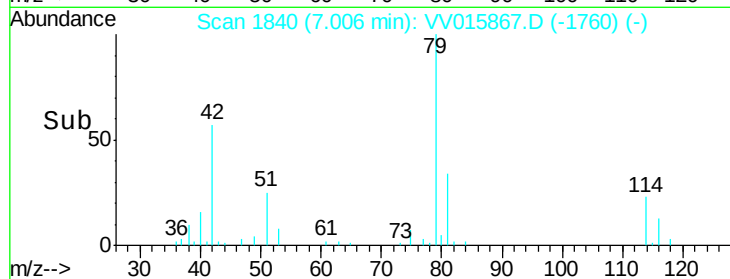
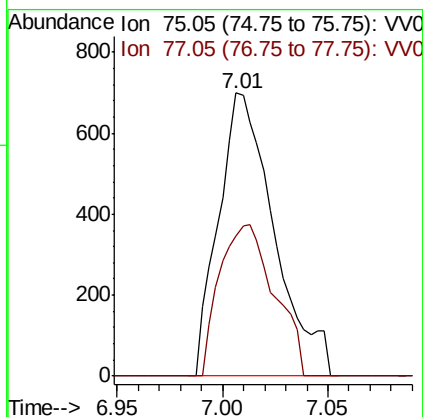
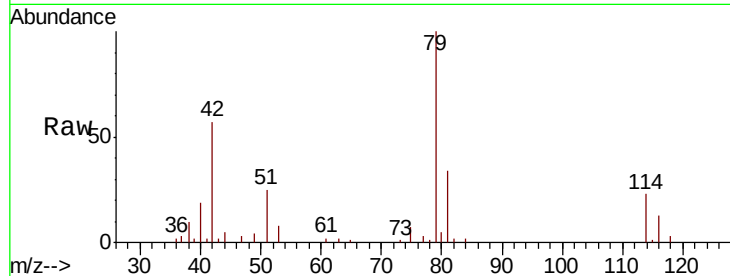




#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015867.D
 Acq: 01 May 2020 18:49

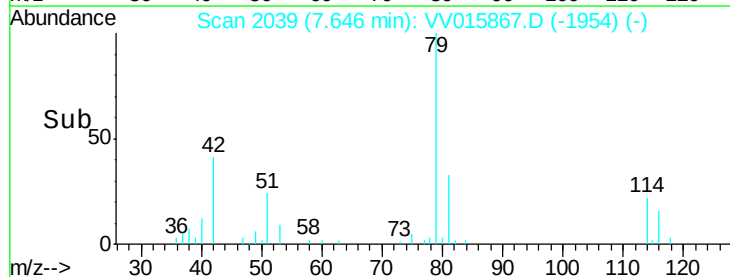
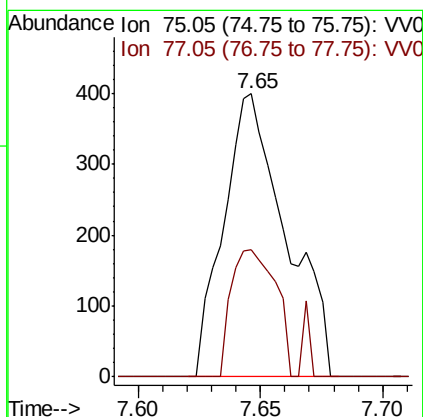
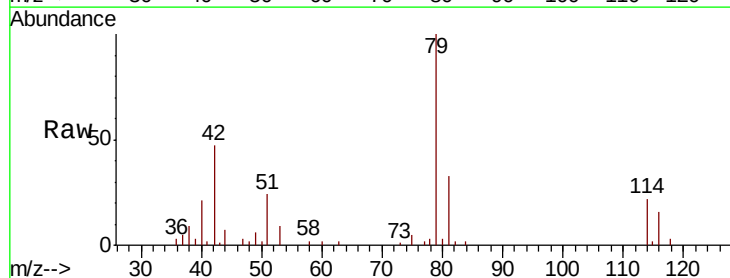
Instrument :
 MSVOA_V
 ClientSampleId :

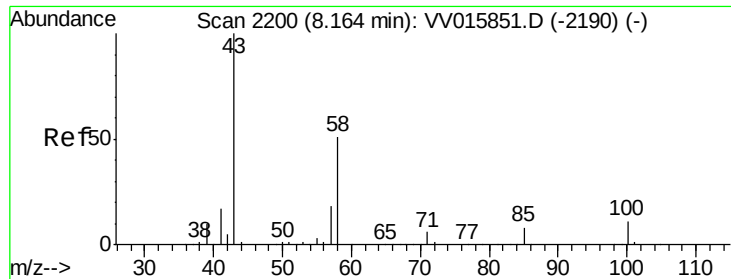
Tot Ion: 75 Resp: 1285
 Ion Ratio Lower Upper
 75 100
 77 49.5 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.074 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV015867.D
 Acq: 01 May 2020 18:49

Tgt Ion: 75 Resp: 708
 Ion Ratio Lower Upper
 75 100
 77 44.9 21.8 40.6#





#48

2-Hexanone

Concen: 1.765 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV015867.D

Acq: 01 May 2020 18:49

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	6655
Ion	Ratio	Lower	Upper
43	100		
58	46.1	41.1	61.7
57	1.8	15.0	22.4#
100	7.5	9.0	13.4#

