

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
 Data File : VV015857.D
 Acq On : 01 May 2020 14:10
 Operator : SY/MD
 Sample : 12431-16 20X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 02 00:10:03 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	124316	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	119245	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56905	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30801	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.58	69	28791	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.12	63	46334	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.93	46	93643	44.89	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.78%
24) Chloroform-d	4.38	84	64364	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.06	65	39056	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.08	84	127210	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.10	67	40659	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.34	98	112521	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.65	79	13729	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.11	63	63270	36.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	28163	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	42728	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

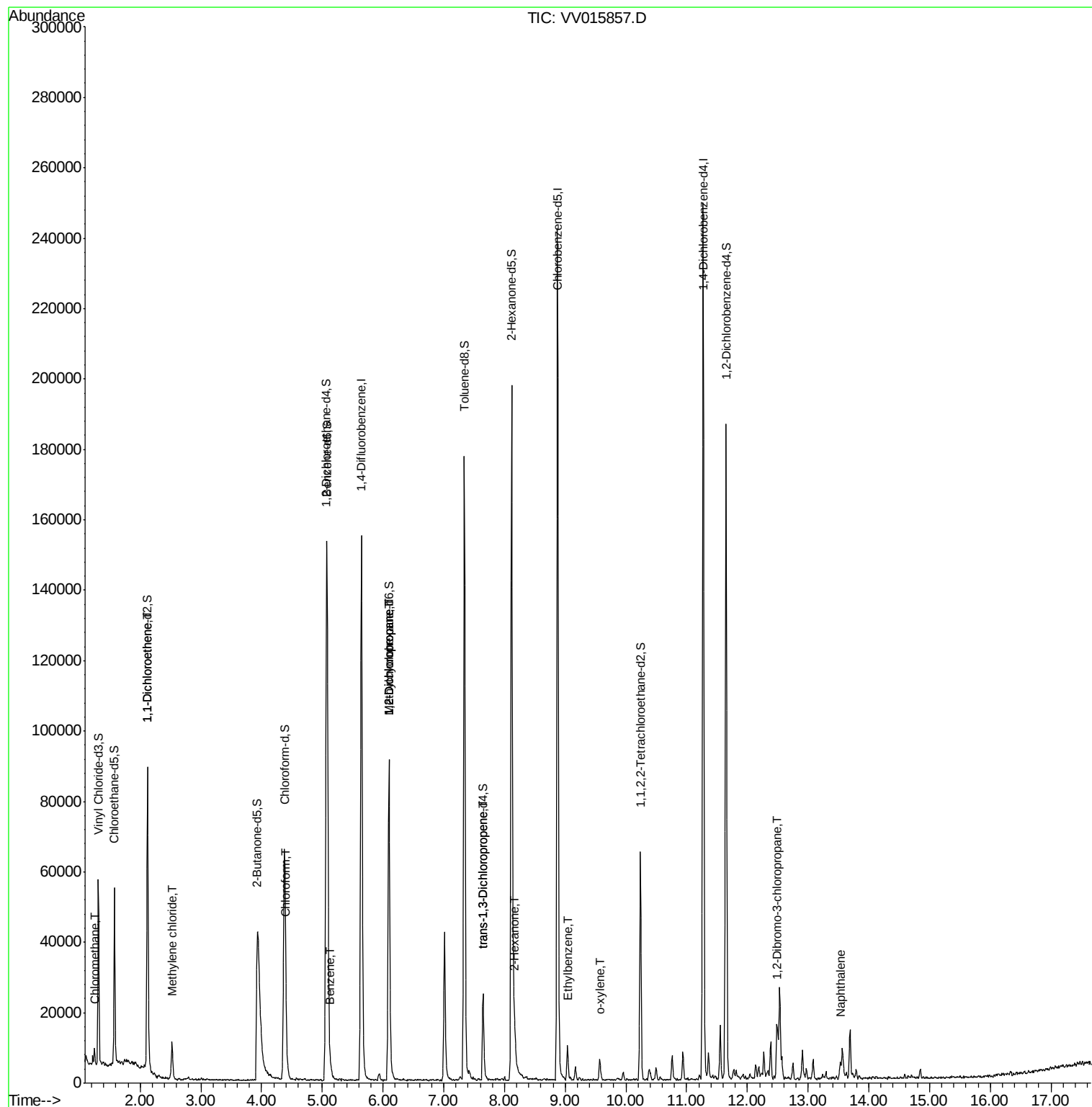
					Ovalue
3) Chloromethane	1.25	50	2491	0.270 ug/L	89
12) 1,1-Dichloroethene	2.12	96	515	0.071 ug/L #	1
16) Methylene chloride	2.53	84	4055	0.454 ug/L	91
25) Chloroform	4.41	83	4601	0.272 ug/L	99
33) Benzene	5.13	78	2752	0.081 ug/L	100
35) Methylcyclohexane	6.10	83	9943	0.689 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5264	0.608 ug/L #	86
44) trans-1,3-Dichloropropene	7.65	75	769	0.076 ug/L #	76
48) 2-Hexanone	8.17	43	6391	1.595 ug/L #	44
52) Ethylbenzene	9.04	91	6301	0.150 ug/L	100
54) o-xylene	9.57	106	1549	0.104 ug/L	81
66) 1,2-Dibromo-3-chloropropan	12.49	75	321	0.302 ug/L #	11
69) Naphthalene	13.53	128	1978	0.090 ug/L #	90

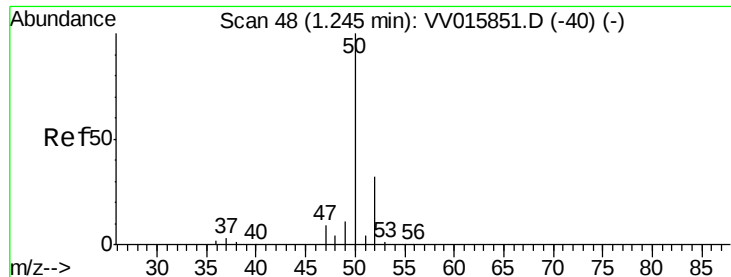
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
Data File : VV015857.D
Acq On : 01 May 2020 14:10
Operator : SY/MD
Sample : 12431-16 20X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 02 00:10:03 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





#3

Chloromethane

Concen: 0.270 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV015857.D

Acq: 01 May 2020 14:10

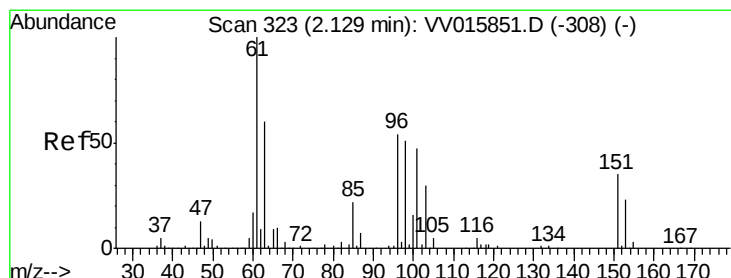
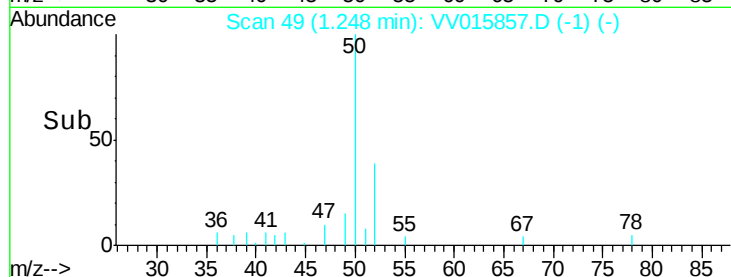
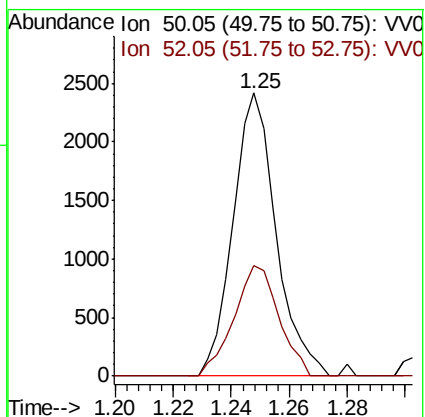
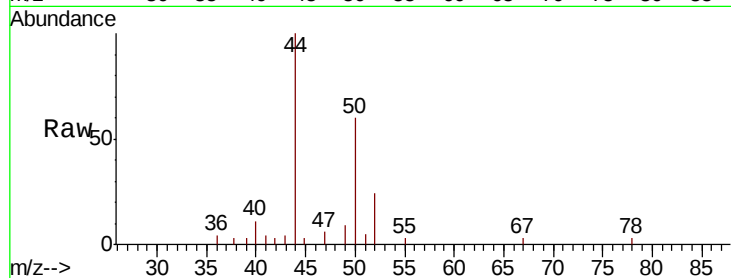
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 2491

Ion Ratio Lower Upper

50 100

52 38.9 22.9 42.5



#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015857.D

Acq: 01 May 2020 14:10

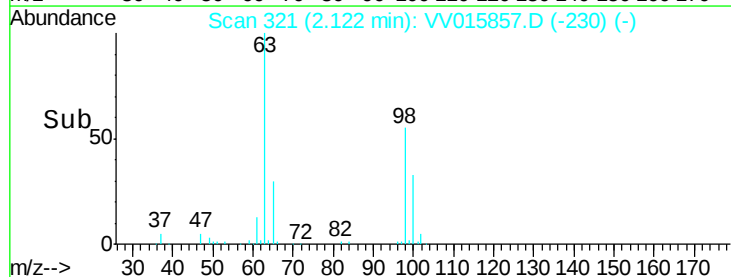
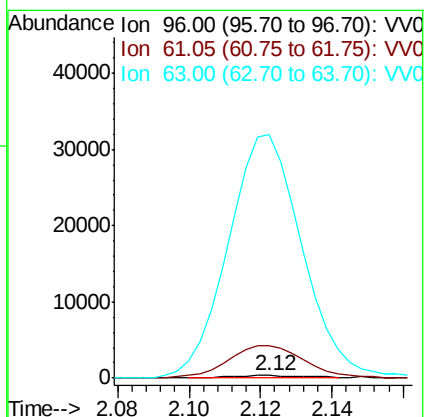
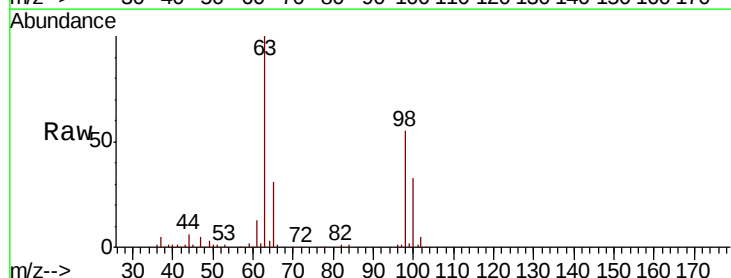
Tgt Ion: 96 Resp: 515

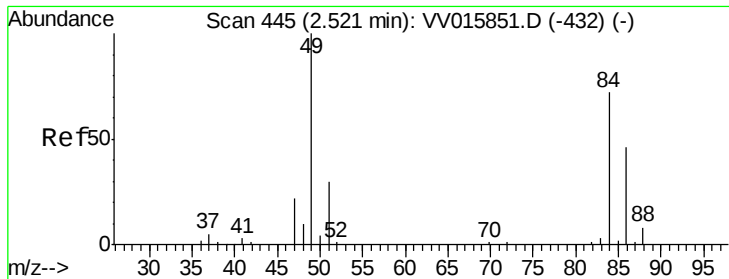
Ion Ratio Lower Upper

96 100

61 1184.8 130.1 241.7#

63 9002.8 91.4 169.8#

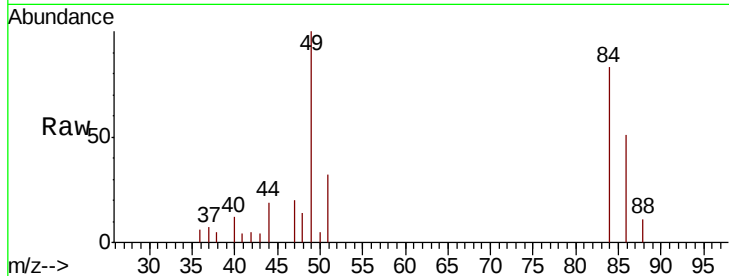




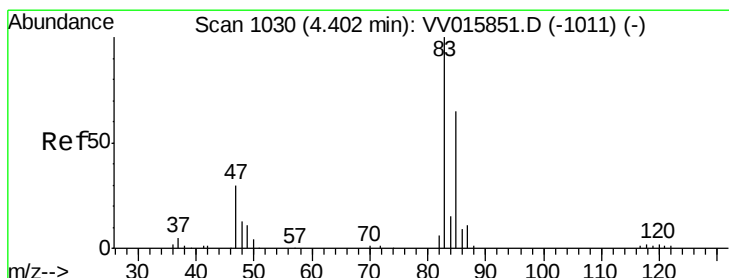
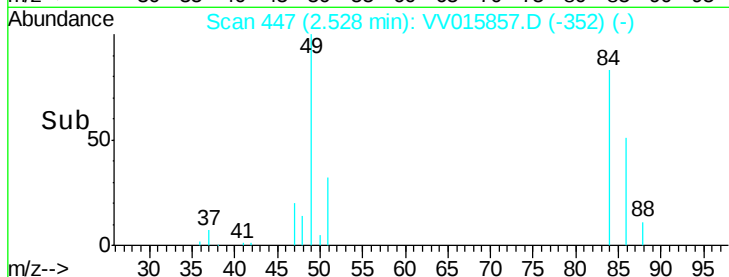
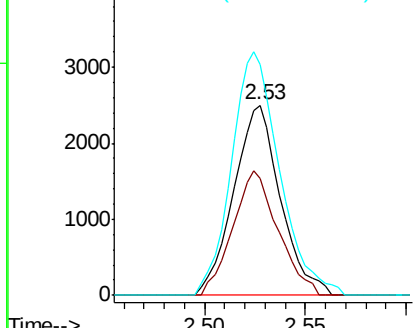
#16
Methvlene chloride
Concen: 0.454 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV015857.D
Acq: 01 May 2020 14:10

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 4055
Ion Ratio Lower Upper
84 100
86 61.5 45.1 83.7
49 121.1 94.4 175.4

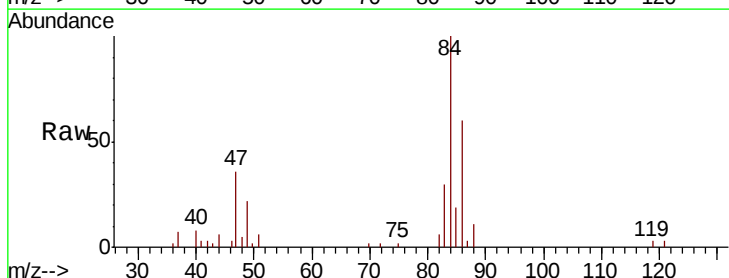


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

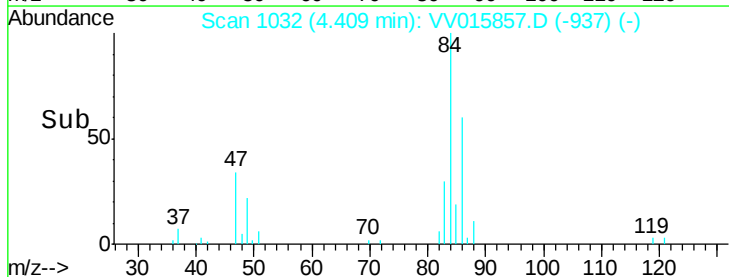
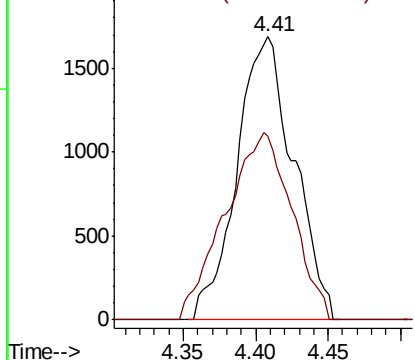


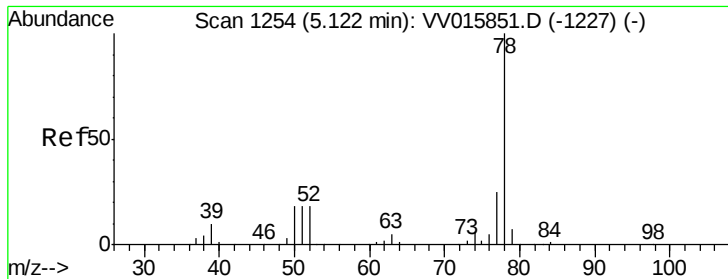
#25
Chloroform
Concen: 0.272 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015857.D
Acq: 01 May 2020 14:10

Tgt Ion: 83 Resp: 4601
Ion Ratio Lower Upper
83 100
85 64.7 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0





#33

Benzene

Concen: 0.081 ug/L

RT: 5.13 min Scan# 1257

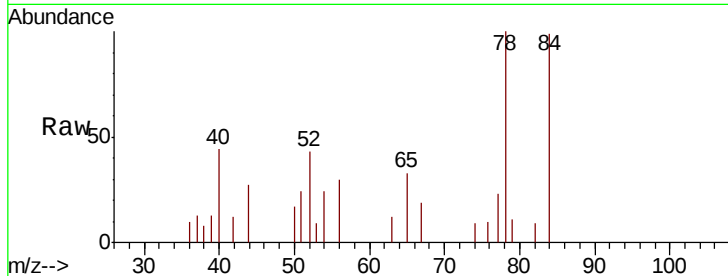
Delta R.T. 0.01 min

Lab File: VV015857.D

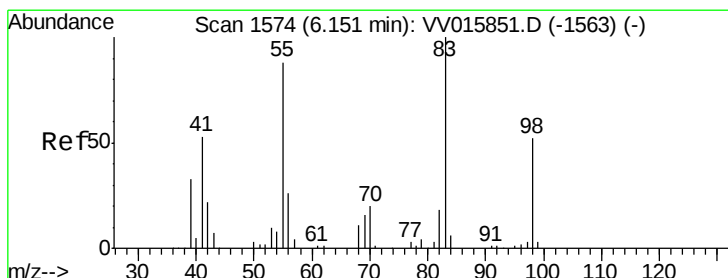
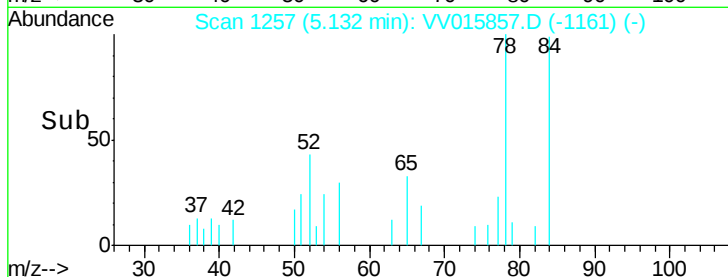
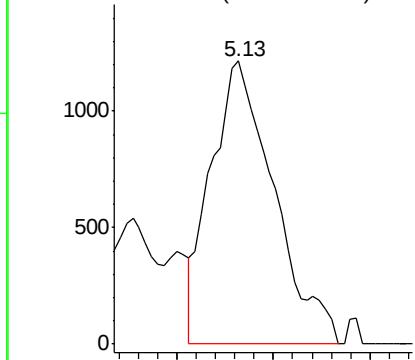
Acq: 01 May 2020 14:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 2752



Abundance Ion 78.10 (77.80 to 78.80): VV0



#35

Methylcyclohexane

Concen: 0.689 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV015857.D

Acq: 01 May 2020 14:10

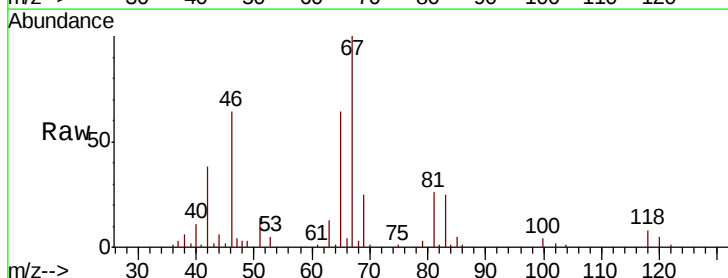
Tgt Ion: 83 Resp: 9943

Ion Ratio Lower Upper

83 100

55 0.7 66.6 99.8#

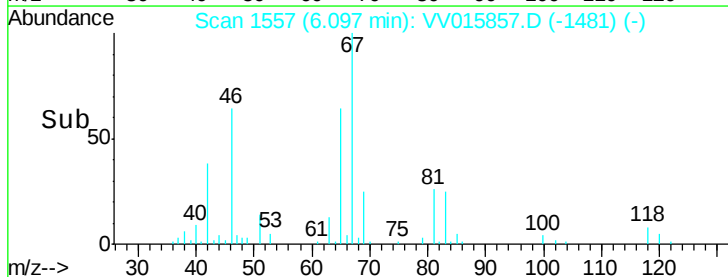
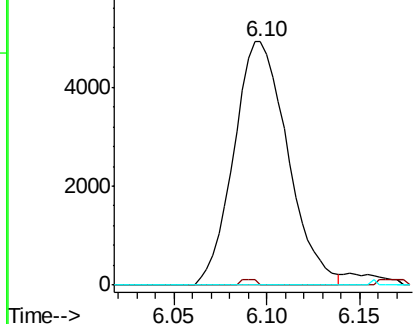
98 0.6 39.5 59.3#

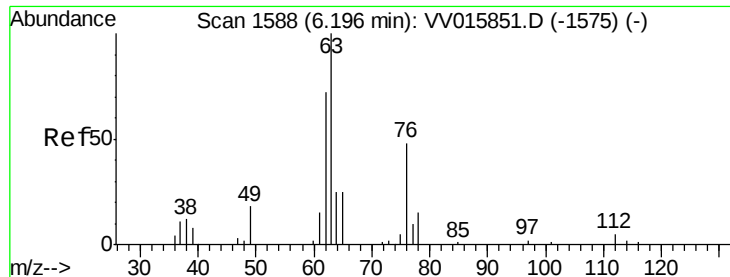


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

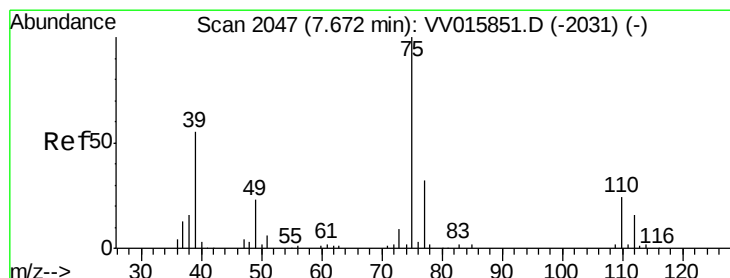
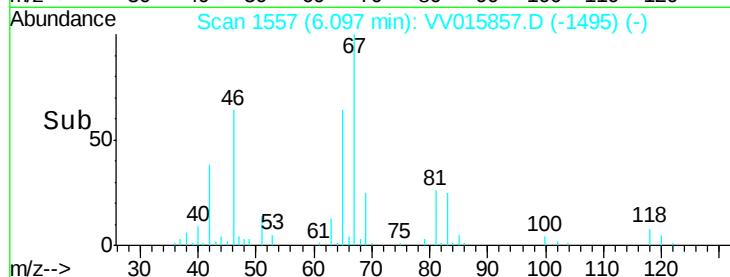
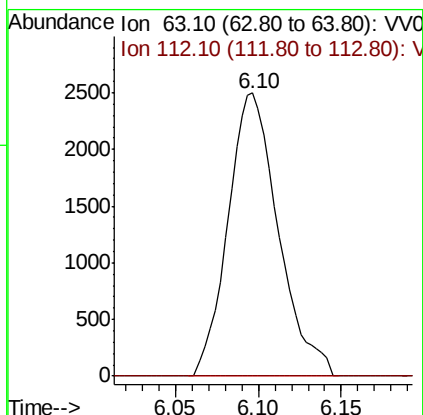
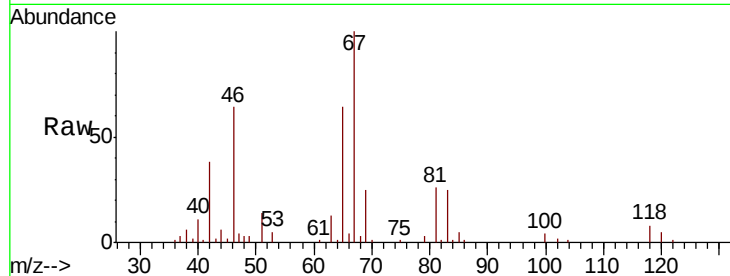




#37
 1,2-Dichloropropane
 Concen: 0.608 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015857.D
 Acq: 01 May 2020 14:10

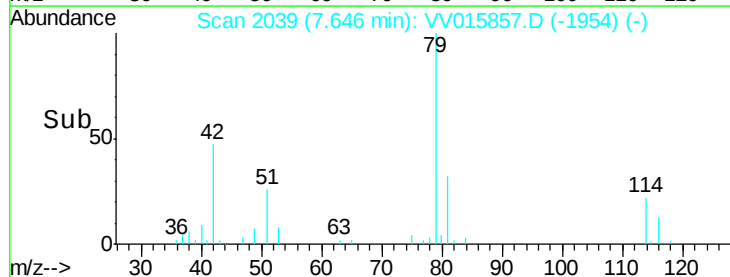
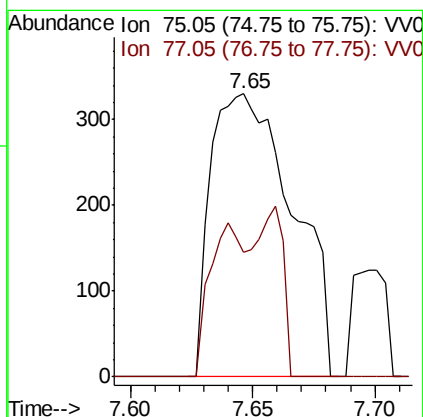
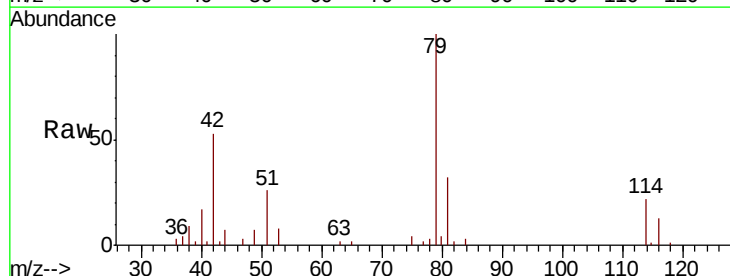
Instrument :
 MSVOA_V
 ClientSampled :

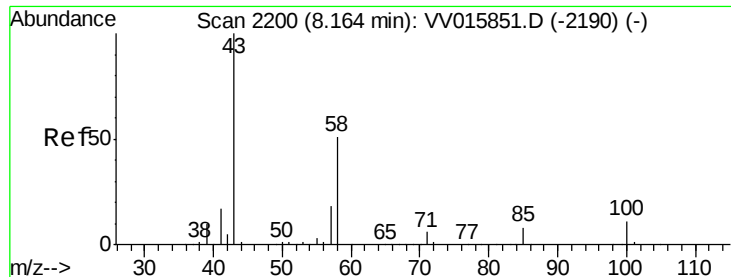
Tot Ion: 63 Resp: 5264
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV015857.D
 Acq: 01 May 2020 14:10

Tgt Ion: 75 Resp: 769
 Ion Ratio Lower Upper
 75 100
 77 44.2 21.8 40.6#

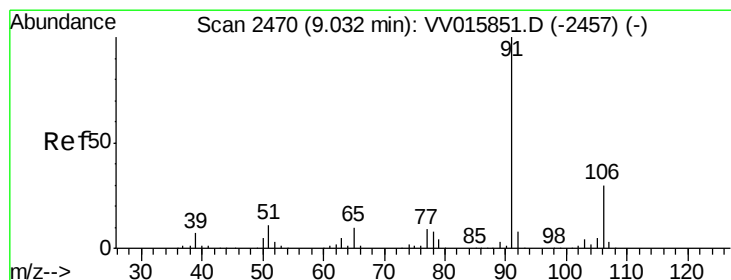
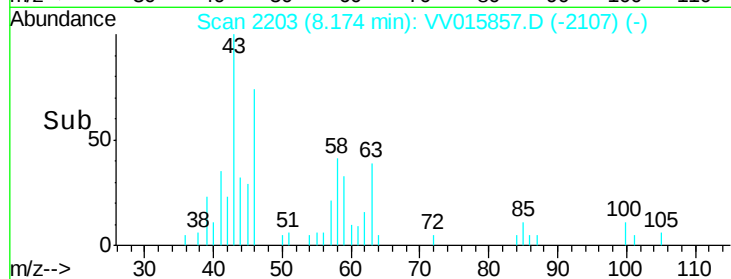
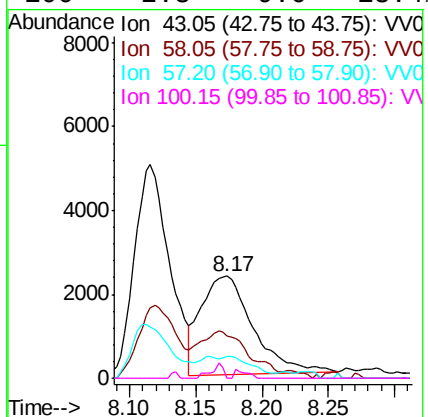
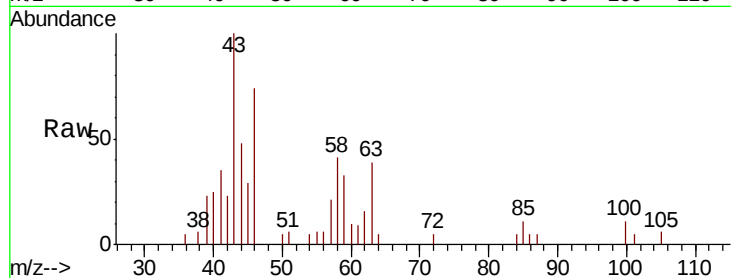




#48
2-Hexanone
Concen: 1.595 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. 0.01 min
Lab File: VV015857.D
Acq: 01 May 2020 14:10

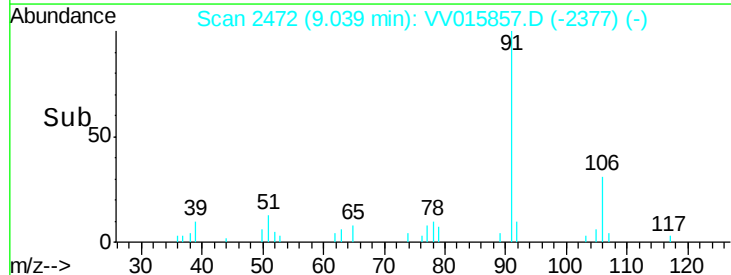
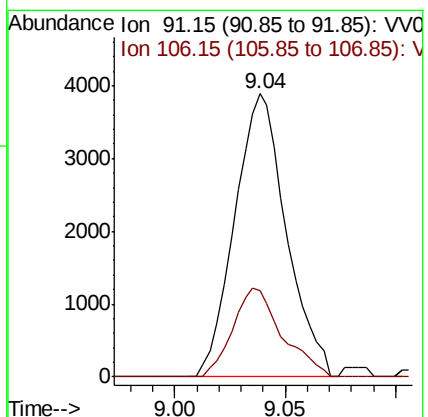
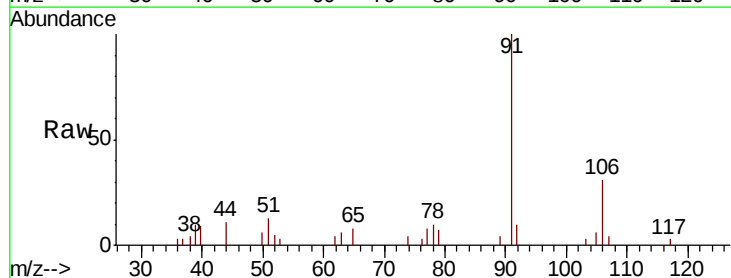
Instrument :
MSVOA_V
ClientSampleId :

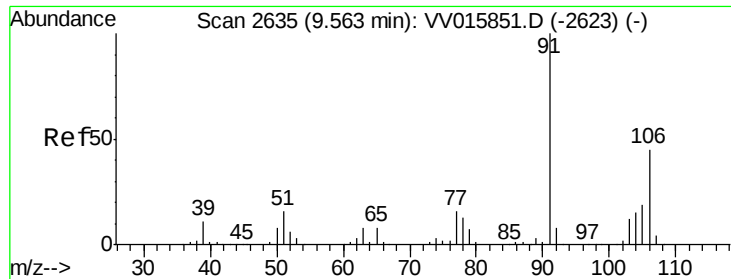
Tot Ion: 43 Resp: 6391
Ion Ratio Lower Upper
43 100
58 2.5 41.1 61.7#
57 2.6 15.0 22.4#
100 2.3 9.0 13.4#



#52
Ethylbenzene
Concen: 0.150 ug/L
RT: 9.04 min Scan# 2472
Delta R.T. 0.01 min
Lab File: VV015857.D
Acq: 01 May 2020 14:10

Tgt Ion: 91 Resp: 6301
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5





#54

o-xylene

Concen: 0.104 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.01 min

Lab File: VV015857.D

Acq: 01 May 2020 14:10

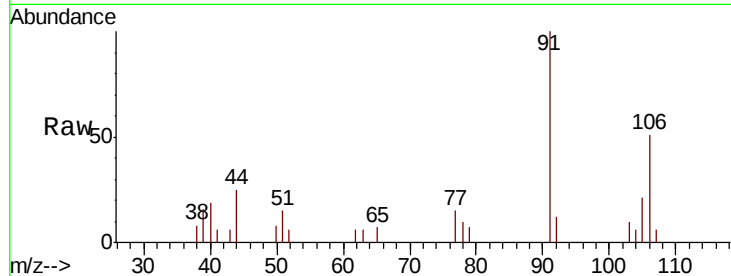
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 1549

Ion Ratio Lower Upper

106 100

91 197.2 159.8 296.8

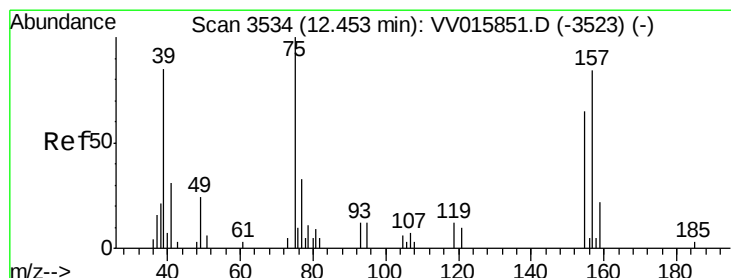
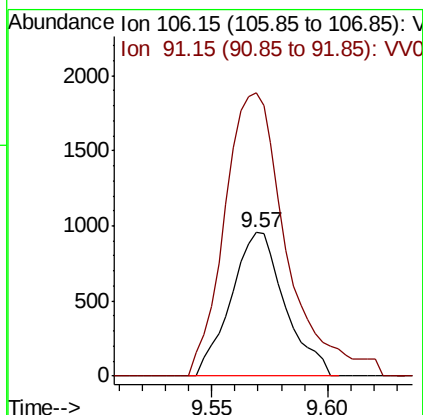
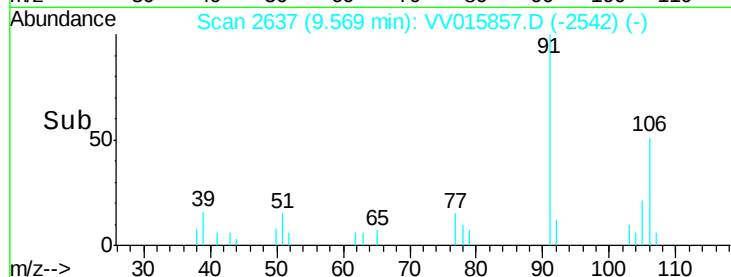


Abundance Ion 106.15 (105.85 to 106.85): VV015857.D (-2542) (-)

Ion 91.15 (90.85 to 91.85): VV015857.D (-2542) (-)

9.57

Time-->



#66

1,2-Dibromo-3-chloropropane

Concen: 0.302 ug/L

RT: 12.49 min Scan# 3546

Delta R.T. 0.04 min

Lab File: VV015857.D

Acq: 01 May 2020 14:10

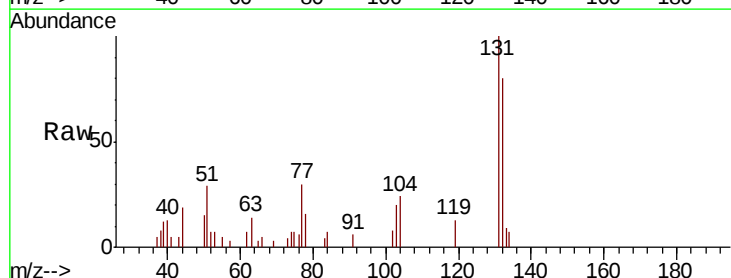
Tgt Ion: 75 Resp: 321

Ion Ratio Lower Upper

75 100

155 0.0 51.0 76.4#

157 0.0 70.6 106.0#



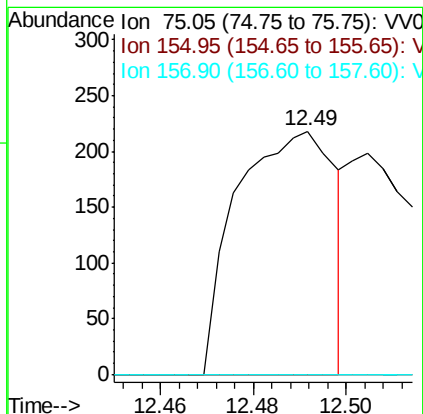
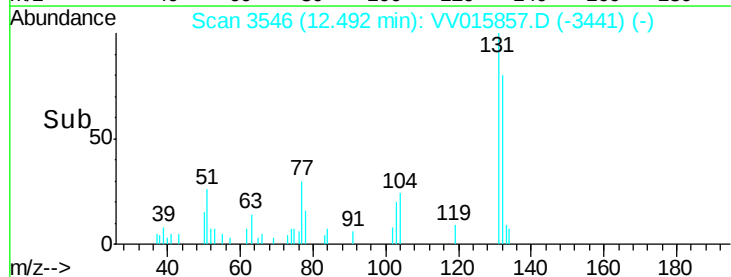
Abundance Ion 75.05 (74.75 to 75.75): VV015857.D (-3441) (-)

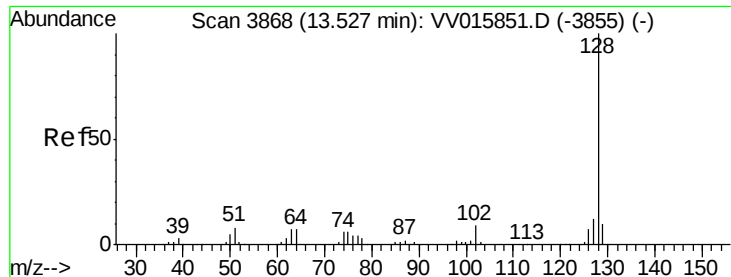
Ion 154.95 (154.65 to 155.65): VV015857.D (-3441) (-)

Ion 156.90 (156.60 to 157.60): VV015857.D (-3441) (-)

12.49

Time-->





#69

Naphthalene

Concen: 0.090 ug/L

RT: 13.53 min Scan# 3870

Delta R.T. 0.01 min

Lab File: VV015857.D

Acq: 01 May 2020 14:10

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:128 Resp: 1978

Ion Ratio Lower Upper

128 100

129 14.7 8.4 12.6#

127 9.3 10.2 15.4#

