

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030420\
 Data File : VV014732.D
 Acq On : 04 Mar 2020 14:16
 Operator : SY/MD
 Sample : L1677-24
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 05 06:30:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 05 06:28:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	252562	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	243833	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	117941	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77449	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.58	69	68403	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.13	63	106568	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	3.97	46	191142	46.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.54%
24) Chloroform-d	4.40	84	159963	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.08	65	85697	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.10	84	330066	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.12	67	104848	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.36	98	293556	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.66	79	38509	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.14	63	140237	40.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	73843	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	106194	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

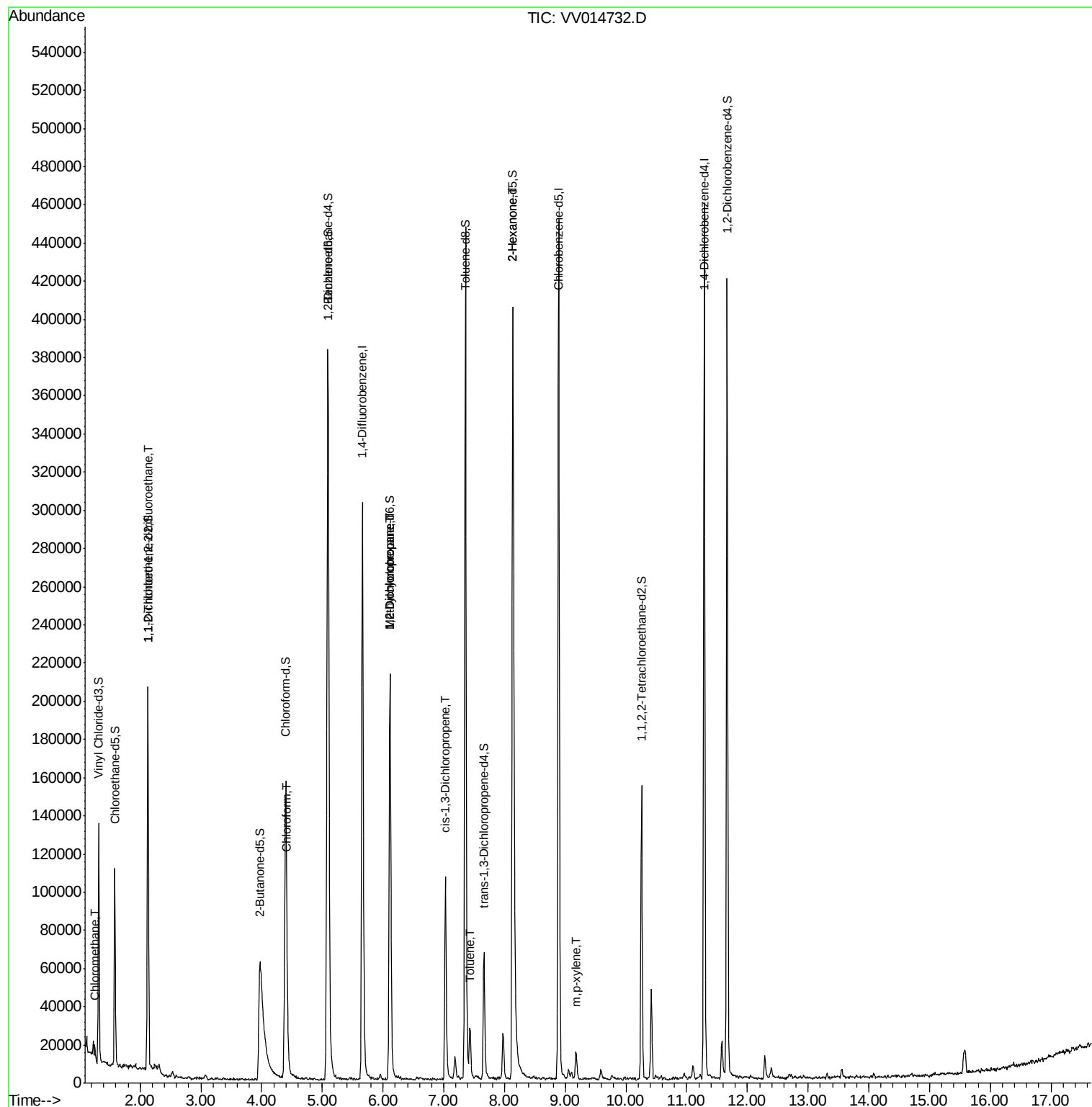
					Ovalue
3) Chloromethane	1.25	50	5444	0.213 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1249	0.075 ug/L #	19
25) Chloroform	4.42	83	5888	0.159 ug/L	82
35) Methylcyclohexane	6.12	83	25273	0.708 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	12011	0.587 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	3100	0.105 ug/L #	53
42) Toluene	7.43	91	18175	0.214 ug/L	97
48) 2-Hexanone	8.14	43	27177	3.115 ug/L #	92
53) m,p-xylene	9.18	106	4059	0.115 ug/L	97

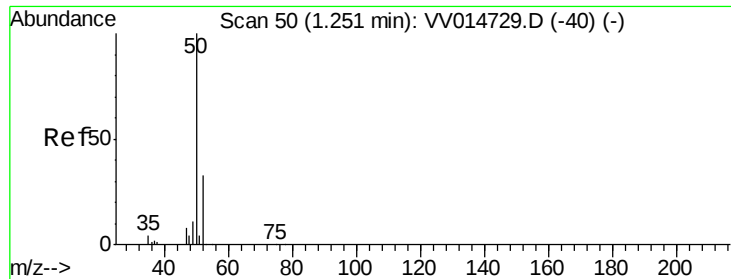
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 05 06:28:00 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.213 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV014732.D

Acq: 04 Mar 2020 14:16

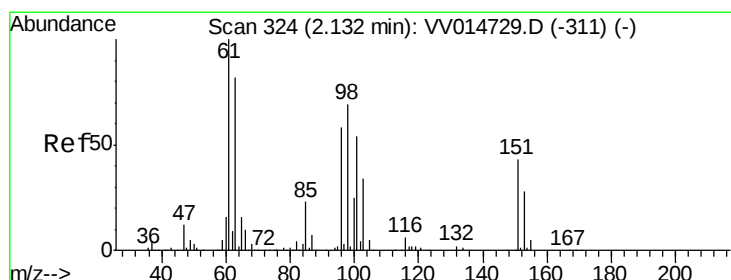
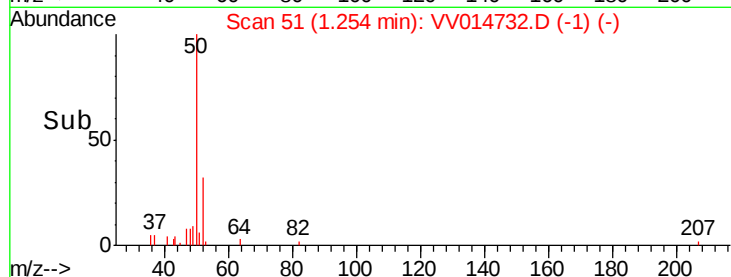
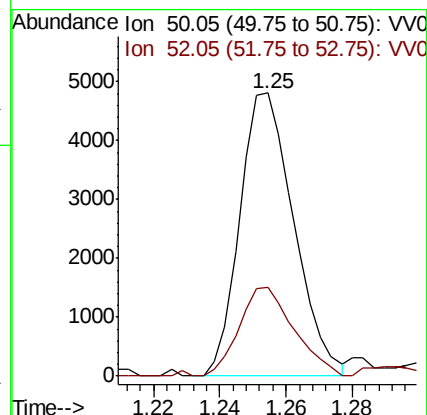
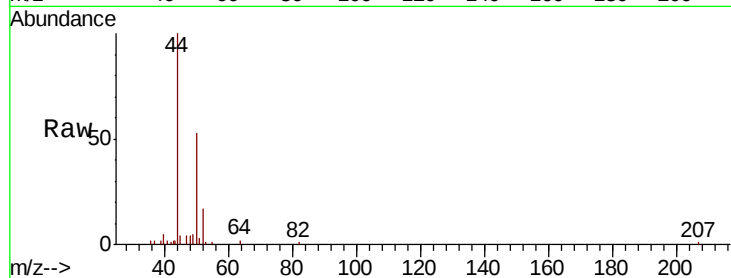
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 5444

Ion Ratio Lower Upper

50 100

52 31.4 22.9 42.5



#10

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

Concen: 0.075 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014732.D

Acq: 04 Mar 2020 14:16

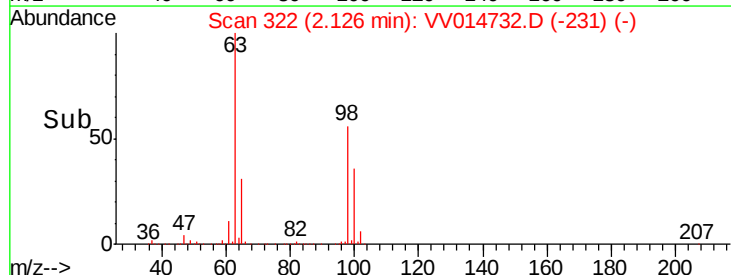
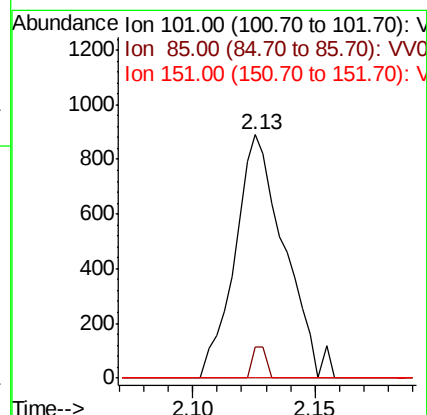
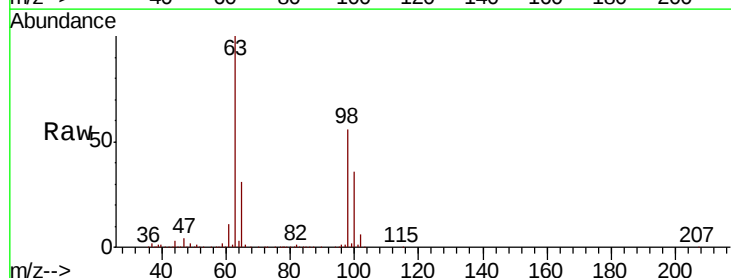
Tgt Ion:101 Resp: 1249

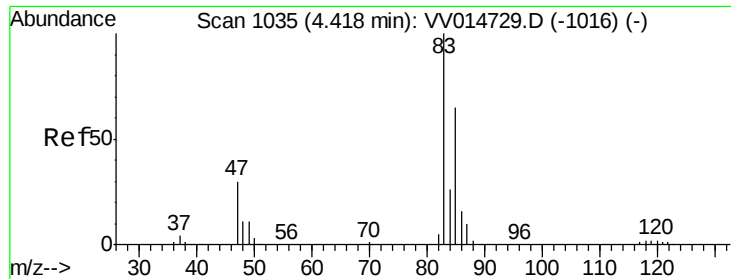
Ion Ratio Lower Upper

101 100

85 3.5 35.3 52.9#

151 0.0 65.3 97.9#

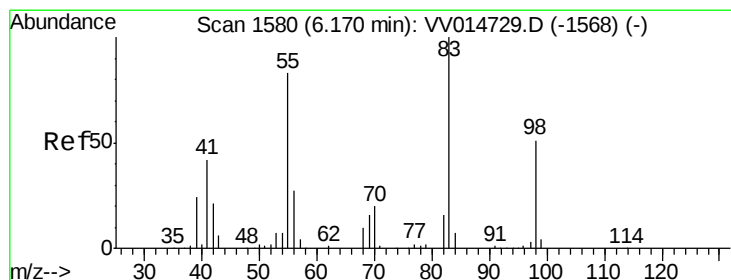
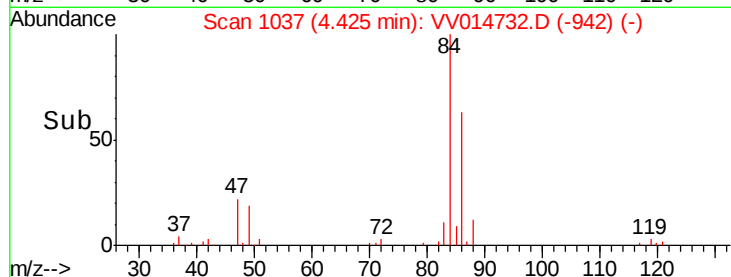
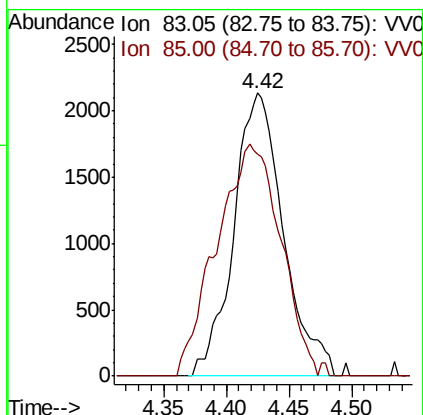
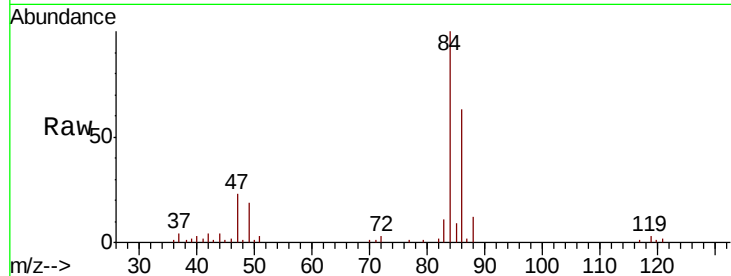




#25
Chloroform
Concen: 0.159 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV014732.D
Acq: 04 Mar 2020 14:16

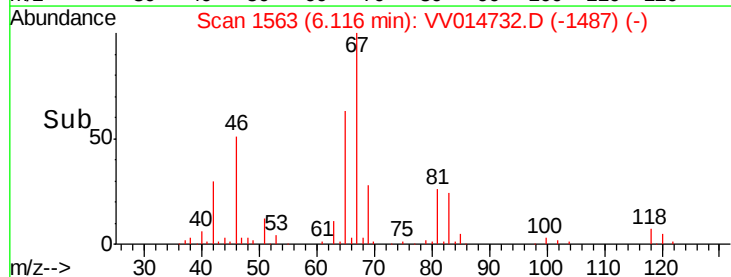
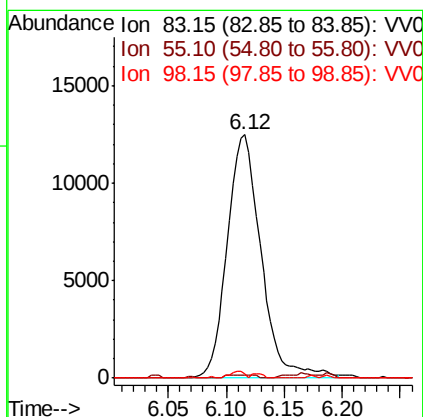
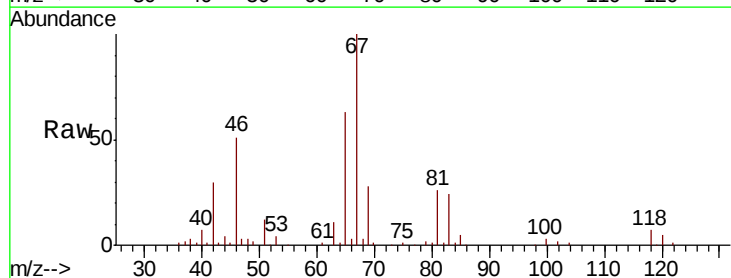
Instrument :
MSVOA_V
ClientSampled :

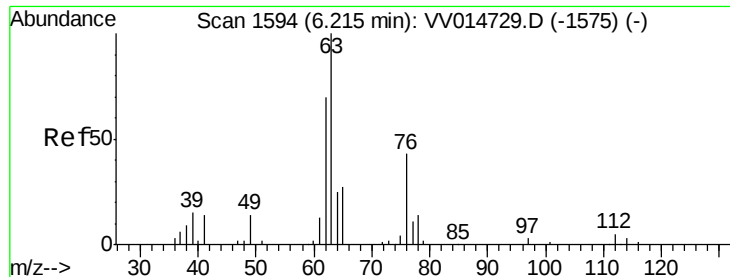
Tot Ion: 83 Resp: 5888
Ion Ratio Lower Upper
83 100
85 78.3 44.7 83.1



#35
Methylcyclohexane
Concen: 0.708 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014732.D
Acq: 04 Mar 2020 14:16

Tgt Ion: 83 Resp: 25273
Ion Ratio Lower Upper
83 100
55 0.5 64.6 96.8#
98 1.2 37.8 56.8#

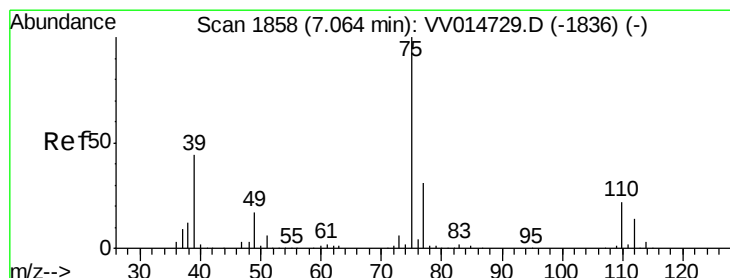
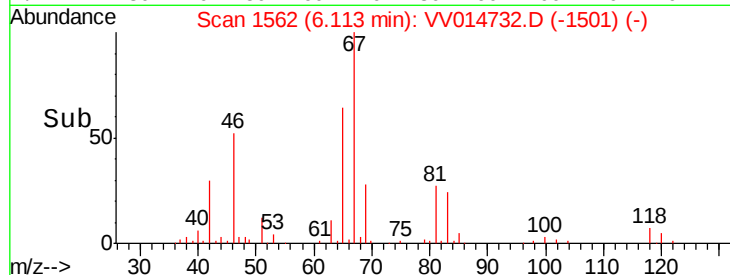
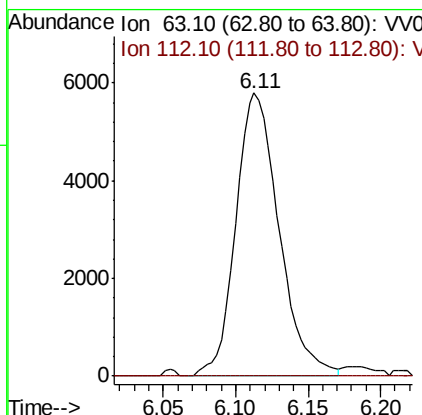
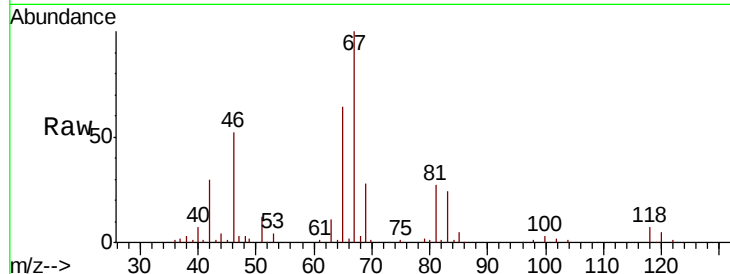




#37
 1,2-Dichloropropane
 Concen: 0.587 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014732.D
 Acq: 04 Mar 2020 14:16

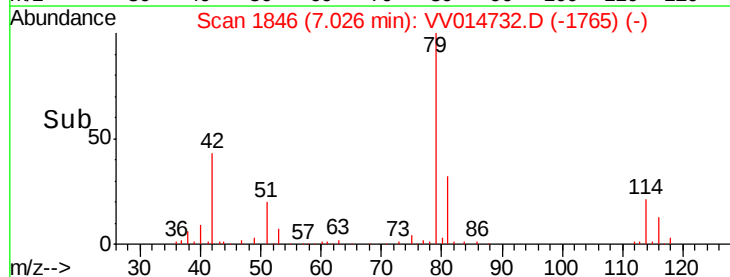
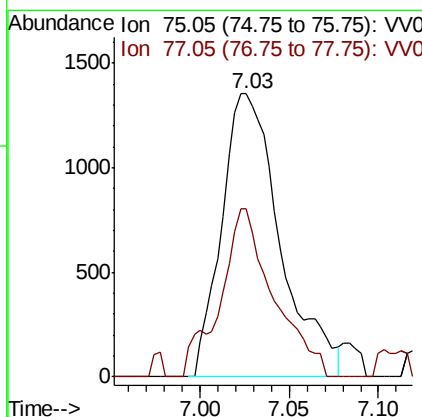
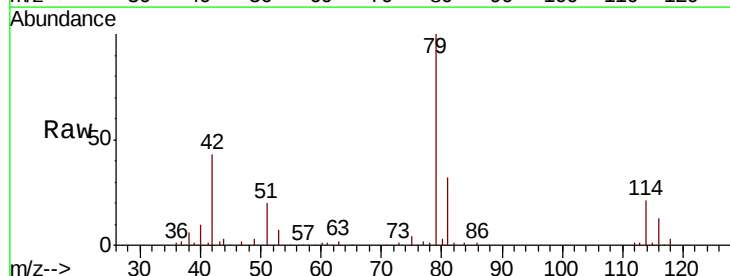
Instrument :
 MSVOA_V
 ClientSampleId :

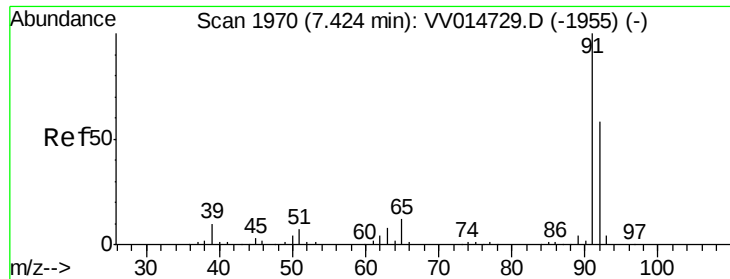
Tot Ion: 63 Resp: 12011
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV014732.D
 Acq: 04 Mar 2020 14:16

Tgt Ion: 75 Resp: 3100
 Ion Ratio Lower Upper
 75 100
 77 59.3 23.0 42.8#





#42

Toluene

Concen: 0.214 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV014732.D

Acq: 04 Mar 2020 14:16

Instrument :

MSVOA_V

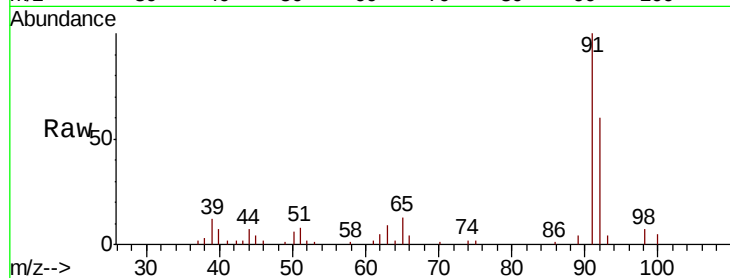
ClientSampled :

Tot Ion: 91 Resp: 18175

Ion Ratio Lower Upper

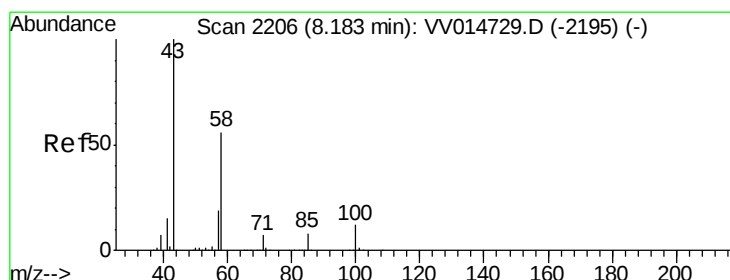
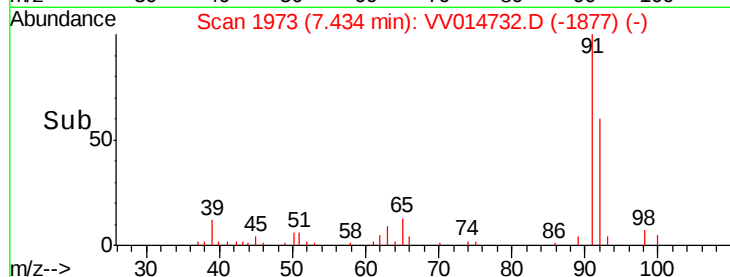
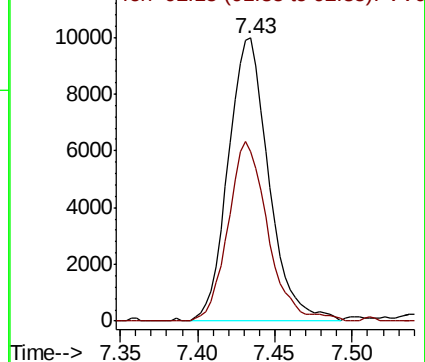
91 100

92 60.1 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#48

2-Hexanone

Concen: 3.115 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV014732.D

Acq: 04 Mar 2020 14:16

Tgt Ion: 43 Resp: 27177

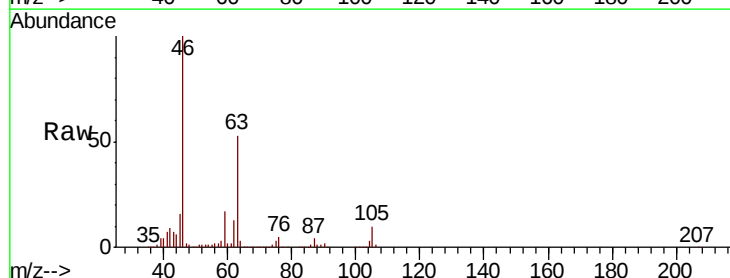
Ion Ratio Lower Upper

43 100

58 54.8 43.1 64.7

57 25.6 14.6 21.8#

100 0.5 9.0 13.4#

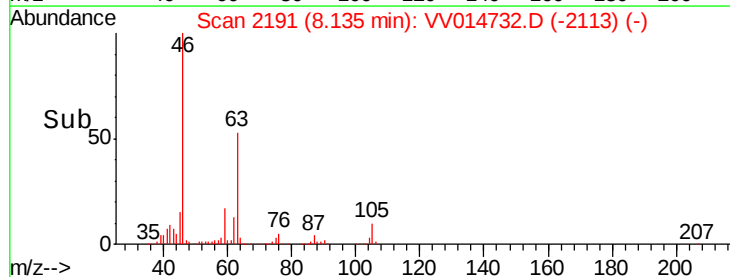
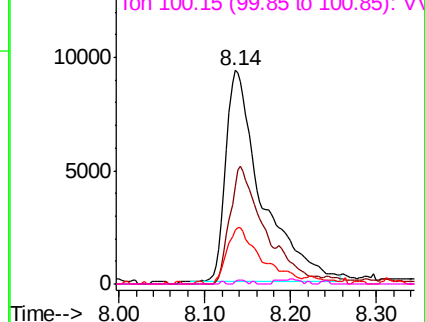


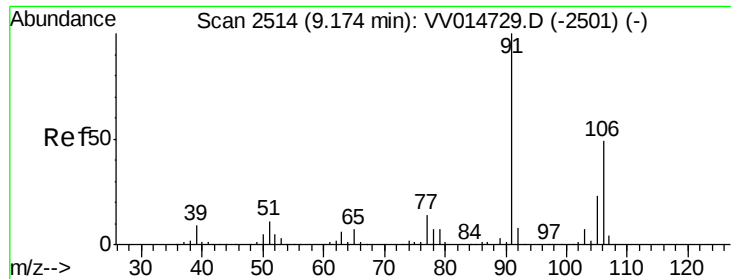
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#53
 m,p-xylene
 Concen: 0.115 ug/L
 RT: 9.18 min Scan# 2515
 Delta R.T. 0.00 min
 Lab File: VV014732.D
 Acq: 04 Mar 2020 14:16

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:106 Resp: 4059
 Ion Ratio Lower Upper
 106 100
 91 208.9 142.5 264.6

