

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042120\
 Data File : VV015595.D
 Acq On : 21 Apr 2020 13:08
 Operator : SY/MD
 Sample : L2361-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 22 00:14:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 22 00:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	144833	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	136408	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	67040	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34415	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	32289	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.12	63	52543	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	3.94	46	106326	50.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.78%
24) Chloroform-d	4.38	84	74586	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.06	65	42682	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.08	84	144542	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.10	67	44883	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.34	98	133819	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.64	79	16030	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.11	63	84952	42.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31262	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	51049	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

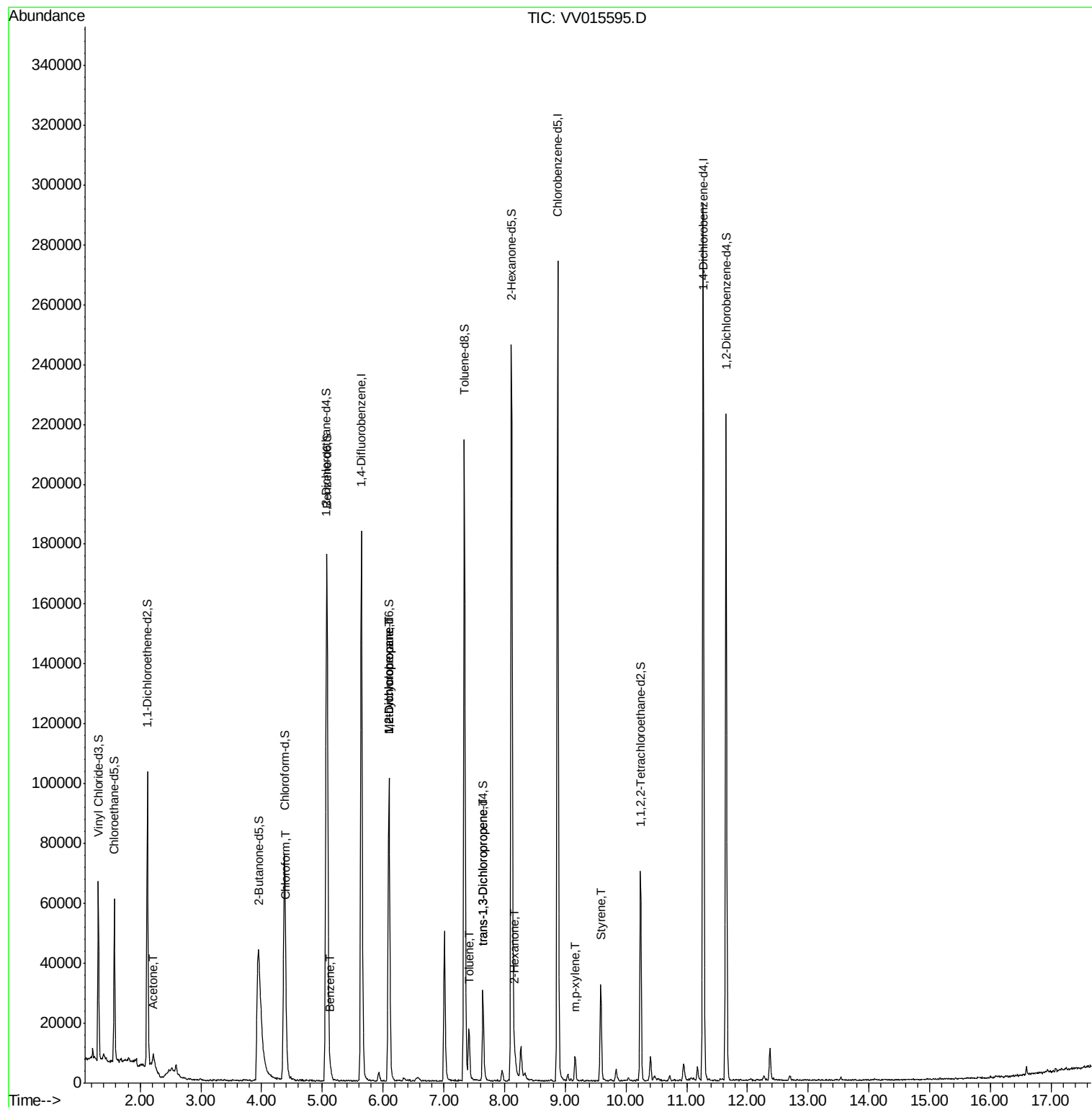
					Ovalue
13) Acetone	2.23	43	11221	7.527 ug/L #	42
25) Chloroform	4.41	83	3521	0.178 ug/L	91
33) Benzene	5.13	78	2474	0.061 ug/L	100
35) Methylcyclohexane	6.10	83	11441	0.618 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5797	0.572 ug/L #	86
42) Toluene	7.41	91	12199	0.275 ug/L	96
44) trans-1,3-Dichloropropene	7.65	75	801	0.061 ug/L	98
48) 2-Hexanone	8.16	43	3332	0.717 ug/L #	85
53) m,p-xylene	9.16	106	2336	0.121 ug/L	96
55) Styrene	9.59	104	14285	0.456 ug/L	93

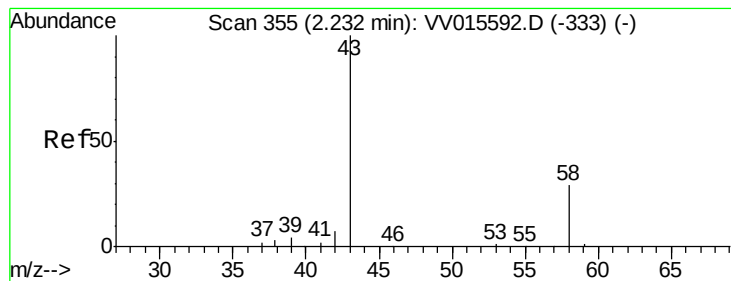
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 22 00:11:50 2020
Response via : Initial Calibration





#13

Acetone

Concen: 7.527 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.01 min

Lab File: VV015595.D

Acq: 21 Apr 2020 13:08

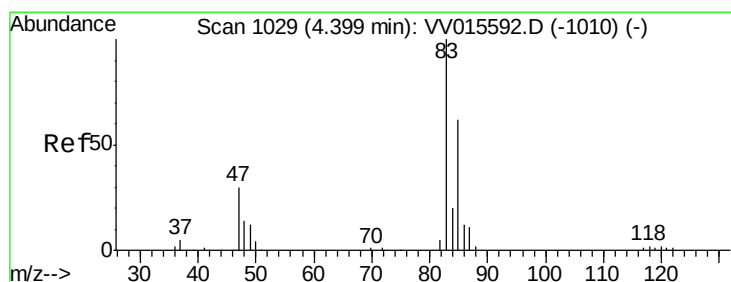
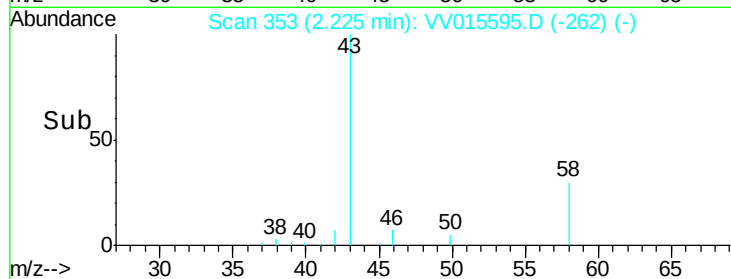
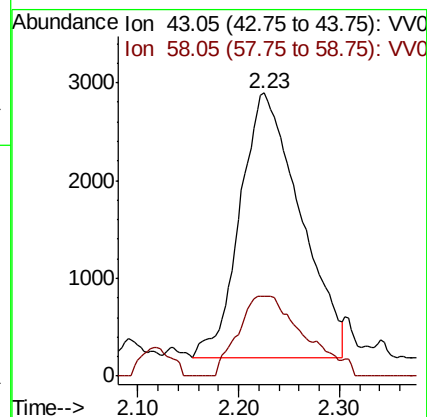
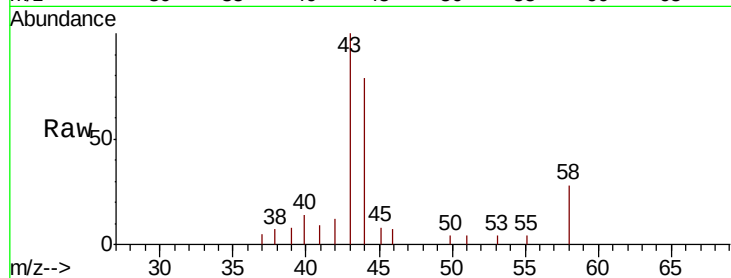
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 11221

Ion Ratio Lower Upper

43 100

58 33.1 0.0 22.2#



#25

Chloroform

Concen: 0.178 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV015595.D

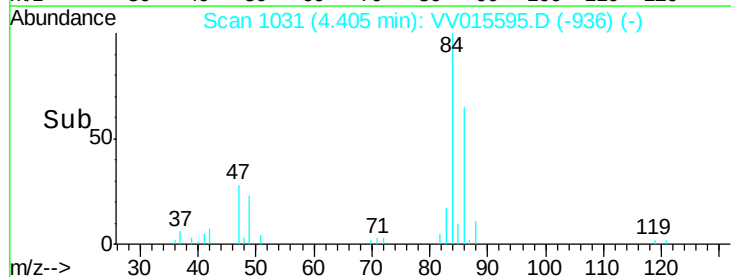
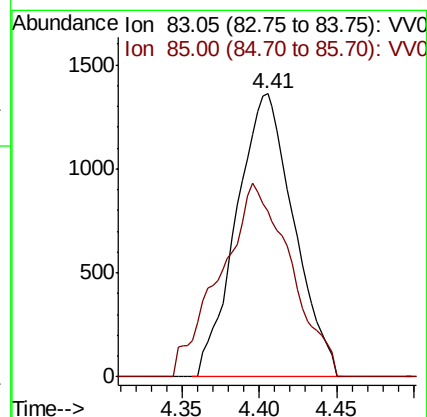
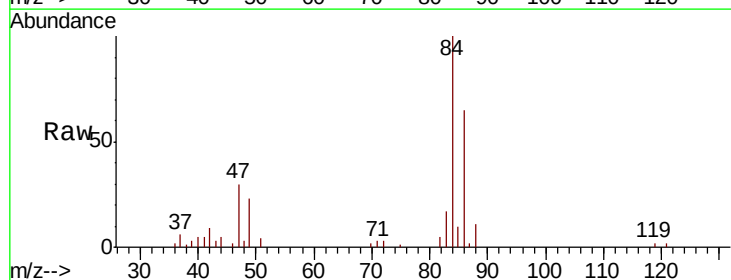
Acq: 21 Apr 2020 13:08

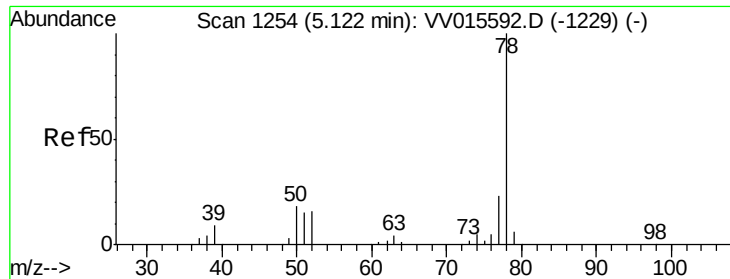
Tgt Ion: 83 Resp: 3521

Ion Ratio Lower Upper

83 100

85 58.6 45.9 85.3





#33

Benzene

Concen: 0.061 ug/L

RT: 5.13 min Scan# 1257

Delta R.T. 0.01 min

Lab File: VV015595.D

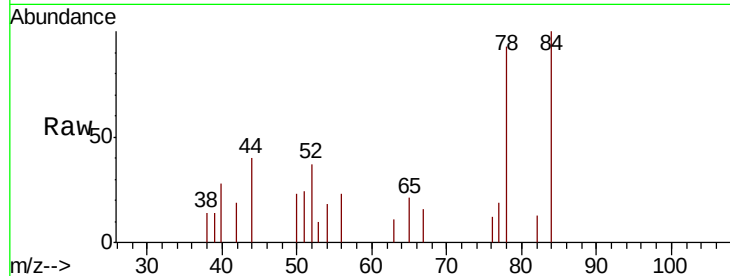
Acq: 21 Apr 2020 13:08

Instrument :

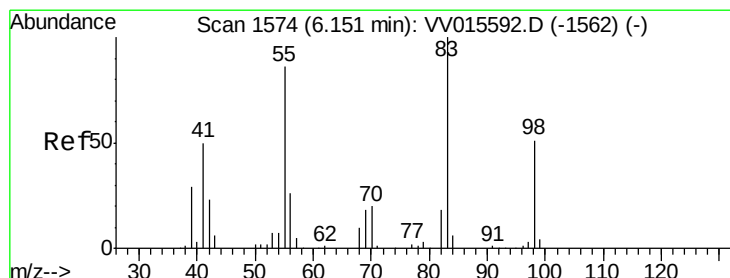
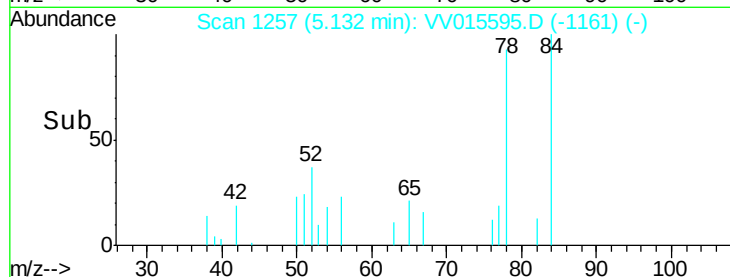
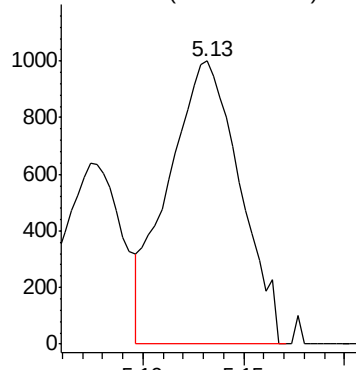
MSVOA_V

ClientSampled :

Tgt Ion: 78 Resp: 2474



Abundance Ion 78.10 (77.80 to 78.80): VV0



#35

Methylcyclohexane

Concen: 0.618 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV015595.D

Acq: 21 Apr 2020 13:08

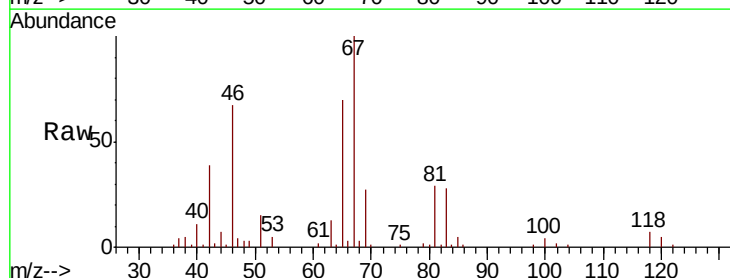
Tgt Ion: 83 Resp: 11441

Ion Ratio Lower Upper

83 100

55 0.2 66.6 99.8#

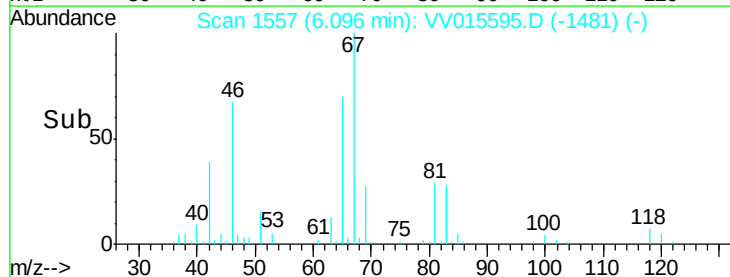
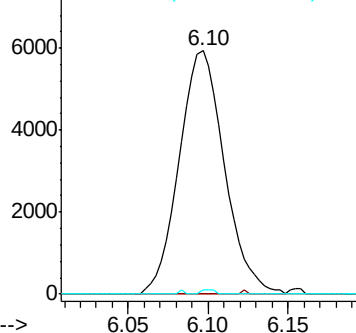
98 0.6 38.7 58.1#

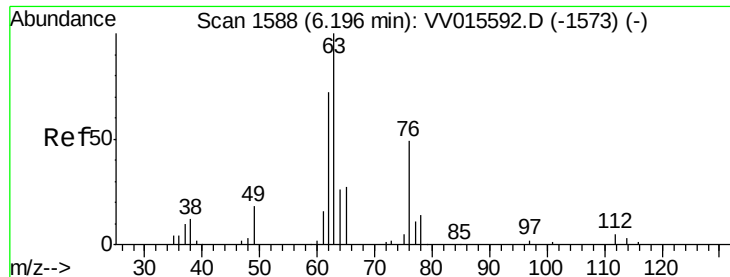


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

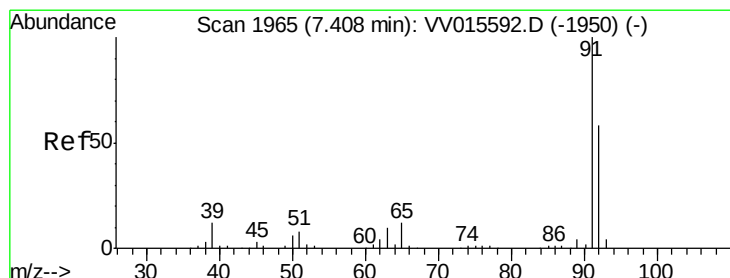
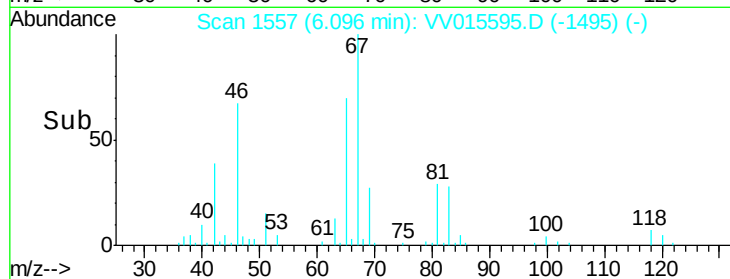
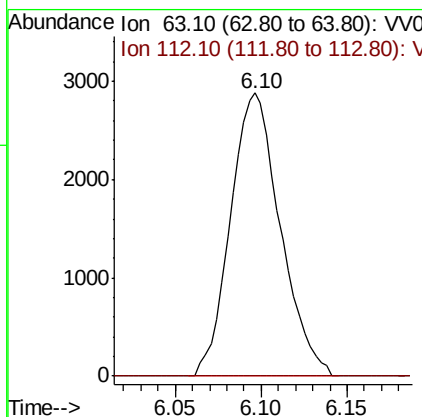
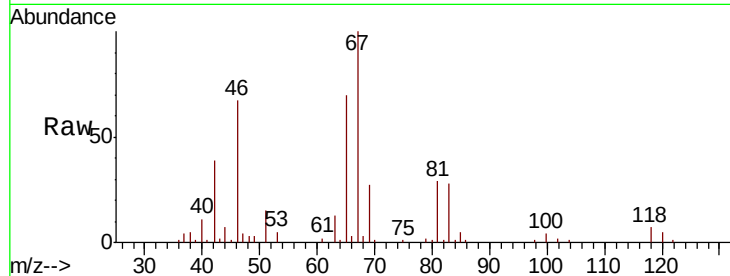




#37
 1,2-Dichloropropane
 Concen: 0.572 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015595.D
 Acq: 21 Apr 2020 13:08

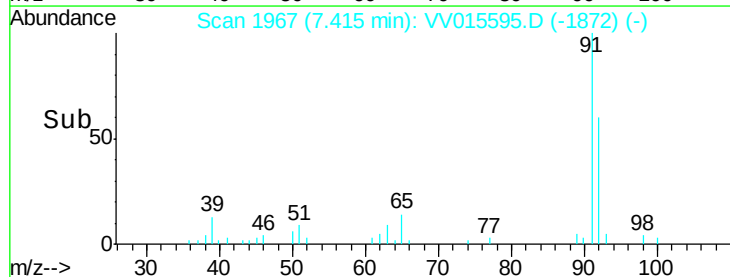
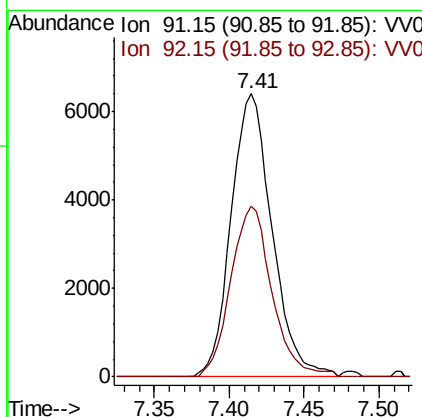
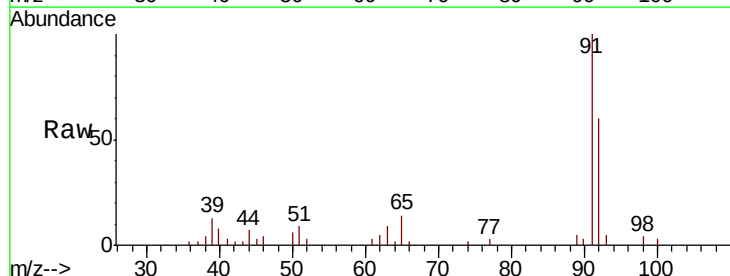
Instrument :
 MSVOA_V
 ClientSampleId :

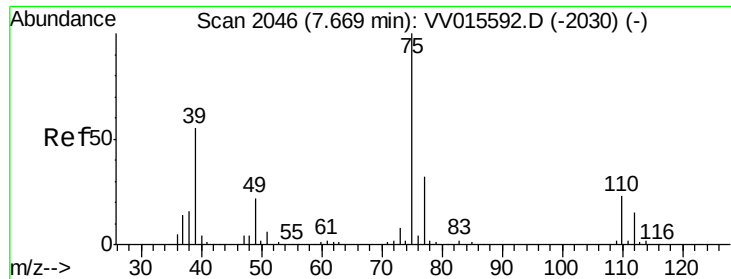
Tot Ion: 63 Resp: 5797
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 Toluene
 Concen: 0.275 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV015595.D
 Acq: 21 Apr 2020 13:08

Tgt Ion: 91 Resp: 12199
 Ion Ratio Lower Upper
 91 100
 92 60.3 40.2 74.6

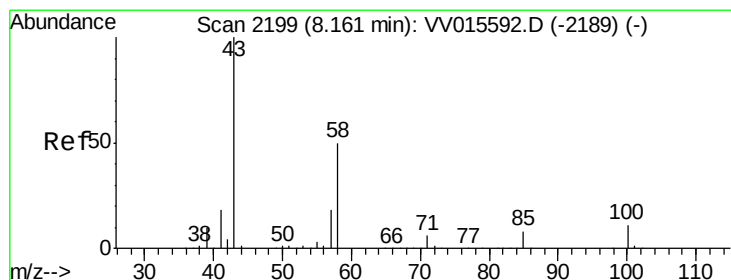
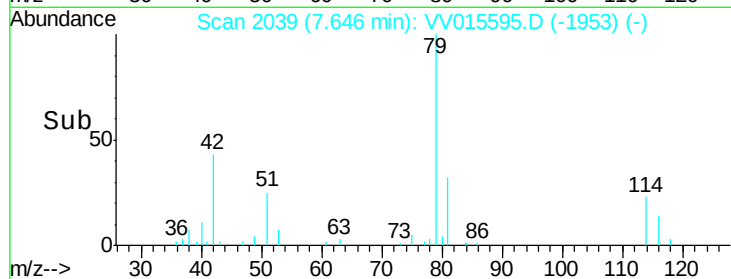
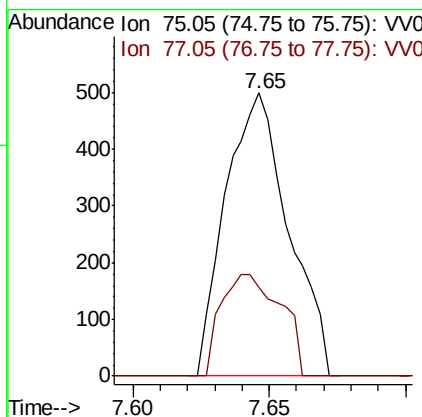
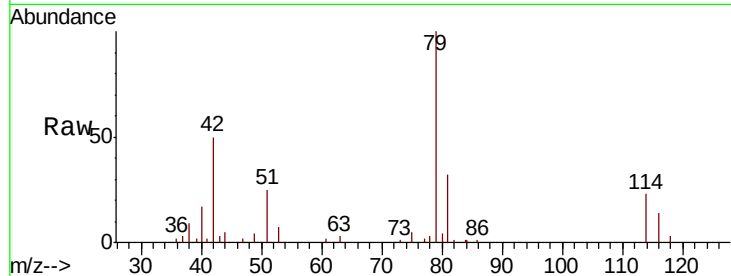




#44
trans-1,3-Dichloropropene
Concen: 0.061 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.02 min
Lab File: VV015595.D
Acq: 21 Apr 2020 13:08

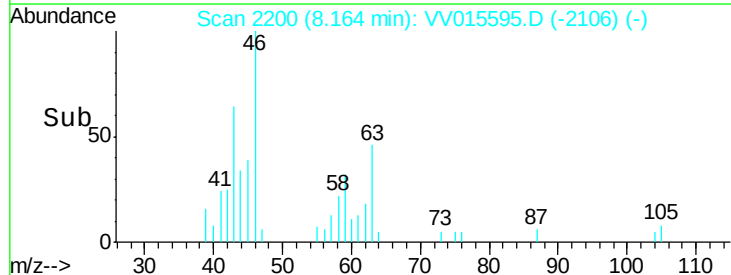
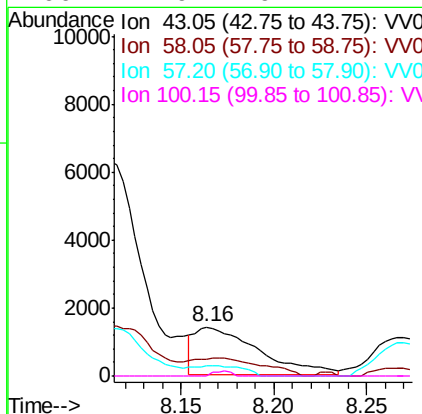
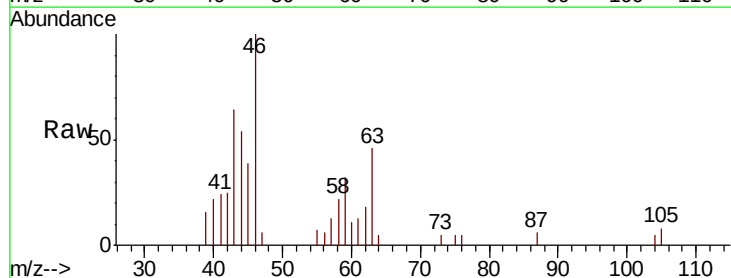
Instrument :
MSVOA_V
ClientSampled :

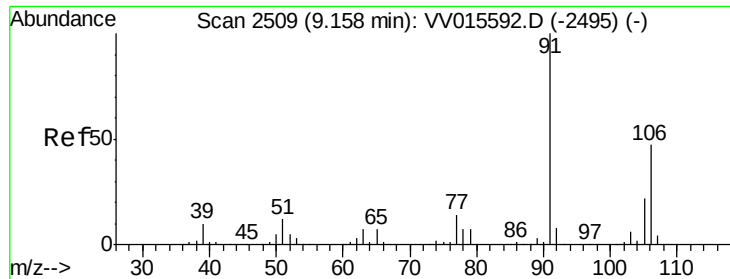
Tot Ion: 75 Resp: 801
Ion Ratio Lower Upper
75 100
77 31.3 21.0 39.0



#48
2-Hexanone
Concen: 0.717 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV015595.D
Acq: 21 Apr 2020 13:08

Tgt Ion: 43 Resp: 3332
Ion Ratio Lower Upper
43 100
58 41.7 41.4 62.0
57 14.3 15.0 22.4#
100 2.9 9.4 14.2#





#53

m,p-xylene

Concen: 0.121 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV015595.D

Acq: 21 Apr 2020 13:08

Instrument :

MSVOA_V

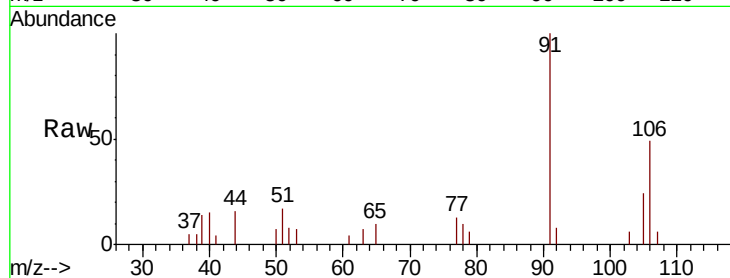
ClientSampleId :

Tot Ion:106 Resp: 2336

Ion Ratio Lower Upper

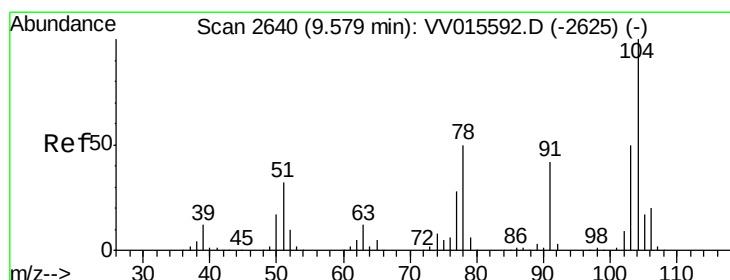
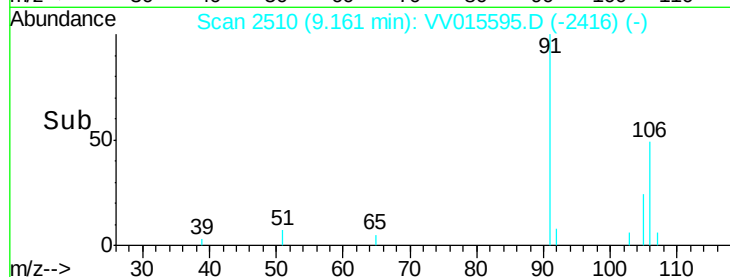
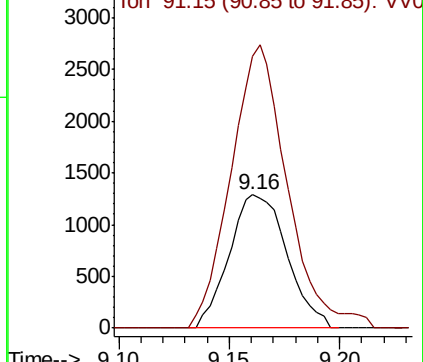
106 100

91 204.3 147.9 274.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 0.456 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.01 min

Lab File: VV015595.D

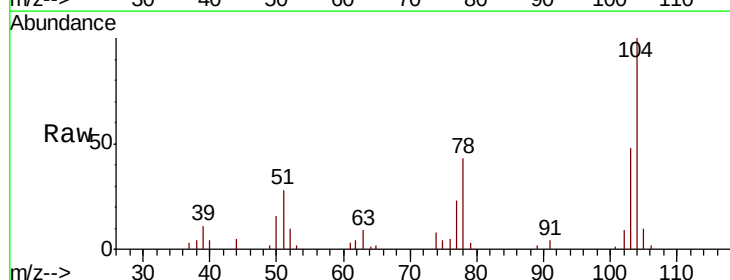
Acq: 21 Apr 2020 13:08

Tgt Ion:104 Resp: 14285

Ion Ratio Lower Upper

104 100

78 43.0 33.5 62.3



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0

